



**City Council
Regular Meeting
AGENDA**

To participate or view the virtual meeting, go to the following link: <https://zoom.us/j/97199426600>

Or you can call in using your telephone only:

- Call (toll free) 1-888-788-0099
- Enter the Access Code: 971 9942 6600
- To Raise Hand enter *9
- To Speak after being recognized: enter *6 to unmute yourself

Or One tap mobile (for easy connection on smart phones):

US: [+16699009128](tel:+16699009128), [97199426600#](tel:+16699009128) or [+12532158782](tel:+12532158782), [97199426600#](tel:+12532158782)

Alternatively, you may view the meeting (without participating) by clicking on the name of the meeting at www.cityofukiah.com/meetings.

March 2, 2022 - 6:00 PM

1. **ROLL CALL**

2. **PLEDGE OF ALLEGIANCE**

3. **PROCLAMATIONS/INTRODUCTIONS/PRESENTATIONS**

- 3.a. Proclamation of the Ukiah City Council Recognizing March as Women's History Month.

Recommended Action: Issue a Proclamation of the Ukiah City Council recognizing March as Women's History Month.

Attachments:

1. Proclamation - 2022 Women's History Month
2. Women's Gala Flyer

4. **PETITIONS AND COMMUNICATIONS**

5. **APPROVAL OF MINUTES**

- 5.a. Approval of the Minutes for the February 16, 2022, Special Meeting.

Recommended Action: Approve minutes for the February 16, 2022, special meeting.

Attachments:

1. 2022-02-16 Draft Minutes - Special Meeting

- 5.b. Approval of the Minutes for the February 16, 2022, Regular Meeting.

Recommended Action:

Attachments:

1. 2022-02-16 Draft Minutes

6. **RIGHT TO APPEAL DECISION**

7. CONSENT CALENDAR

- 7.a. Approval of Contract Amendment with GHD Inc. for the Additional Support in Environmental Studies and Permitting for the Great Redwood Trail Phase 4 Project.
Recommended Action: Approve contract amendment with GHD Inc. for the additional support in environmental studies and permitting for the Great Redwood Trail Phase 4 Project, and approve corresponding budget amendment.
Attachments:
1. GHD - GRT4_Amendment 1_Environmental Services
- 7.b. Approval of Notice of Completion for Ghilotti Construction Co. for the Downtown Streetscape Road Diet Project, Specification 19-18, and Direct the City Clerk to File the Notice of Completion with the County Recorder.
Recommended Action: Approve Notice of Completion for the Downtown Streetscape Road Diet Project, Specification 19-18, and direct the City Clerk to file the Notice of Completion with the County Recorder.
Attachments:
1. Spec 19-18 Plans
2. Notice-of-Completion
- 7.c. Approval of Notice of Completion for CV Larsen Co. for the Pressure Zone 2 South (PZ2S) Water Reservoir Replacement Project, Specification 20-02, and Direct the City Clerk to File the Notice of Completion with the County Recorder.
Recommended Action: Approve Notice of Completion for the Pressure Zone 2 South (PZ2S) Reservoir Replacement Project, Specification 20-02, and direct the City Clerk to file the Notice of Completion with the County Recorder.
Attachments:
1. Spec 20-02 Plans
2. Notice-of-Completion
- 7.d. Approval of Notice of Completion for Pavement Coatings Co., for the 2021 Slurry Seal of Local Streets, Specification 21-03, and Direct the City Clerk to File the Notice of Completion with the County Recorder.
Recommended Action: Approve Notice of Completion for the 2021 Slurry Seal of Local Streets, Specification 21-03, and direct the City Clerk to file the Notice of Completion with the County Recorder.
Attachments:
1. Plans Spec 21-03
2. Notice-of-Completion
- 7.e. Report of the Emergency Purchase of New Traffic Signal Control System at the Intersection of North State and Empire Drive/Ford Road from DC Electric Group in the Amount of \$30,395.00
Recommended Action: Receive report of the Emergency Purchase of New Traffic Signal Control System at the Intersection of North State and Empire Drive/Ford Road from DC Electric Group in the amount of \$30,395.00
Attachments:
1. PO 47727
- 7.f. Approval of Contract Amendment with Ukiah Waste Solutions for Biosolids Removal at the Wastewater Treatment Plant
Recommended Action: Approve contract amendment with Ukiah Waste Solutions for Biosolids Removal at the Wastewater Treatment Plant.
Attachments:
1. Original Agreement

2. Amendment 1-4
3. Amendment 5

- 7.g. Approve a Budget Amendment to the Engineering Fund for the Expenses Related to Preliminary Engineering of the Local Roadway Safety Plan (LRSP) Using General Funds.
Recommended Action: Approve a budget amendment to the Engineering Fund for the expenses related to Preliminary Engineering of the Local Roadway Safety Plan (LRSP) using General Funds.

Attachments:

1. Mendocino Council of Governments (MCOG) 2021-10-27
2. 5049028 PSA

- 7.h. Approve to Use Professional Service Contracts for the Grace Hudson Museum Roof Replacement Project on an As-Needed Basis, and Approve Amending the Budget as Needed to Cover the Expenses.
Recommended Action: Approve to use the contracts listed with Thomas Hise, Architect, David Jankovsky, Engineer, and OTMK Law, and perform corresponding budget amendments on an as needed basis.

Attachments:

1. Thomas Hise Contract
2. JES Engineering - Inspection for Grace Hudson Roof 2021-226
3. OTMK Law - Engagement Letter

8. AUDIENCE COMMENTS ON NON-AGENDA ITEMS

9. COUNCIL REPORTS

10. CITY MANAGER/CITY CLERK REPORTS

11. PUBLIC HEARINGS (6:15 PM)

12. UNFINISHED BUSINESS

- 12.a. Consideration of the Following Actions Associated with the Ukiah Western Hills Open Land Acquisition & Limited Development Agreement Project: 1) Authorize the City Manager to Negotiate and Execute the Easement, Road Access and Maintenance Agreement ("Road Access Agreement"); 2) Authorize the City Manager to Negotiate and Execute the Property Purchase-Sale / Exchange and Development Agreement and Joint Escrow Instructions ("Limited Development and Property Exchange Agreement"); and 3) Approve Corresponding Budget Amendments.
Recommended Action: Approve the following actions; 1) Authorize the City Manager to Negotiate and Execute the Easement, Road Access and Maintenance Agreement ("Road Access Agreement"); 2) Authorize the City Manager to Negotiate and Execute the Property Purchase-Sale / Exchange and Development Agreement and Joint Escrow Instructions ("Limited Development and Property Exchange Agreement"); and 3) Approve Corresponding Budget Amendments.

Attachments:

1. Easement Road Access and Maintenance Agreement
2. Exchange Development Agreement
3. Draft 3-2-22 Western Hills Project Presentation Draft

- 12.b. Possible Introduction by Title Only of the Organic Waste Disposal Reduction Ordinance.
Recommended Action: Introduce by Title Only the Organic Waste Disposal Reduction Ordinance.

Attachments:

1. Organic Waste Disposal Reduction Ordinance

- 12.c. Approval of Plans and Specifications for the Dora Street Utility Improvement Project, Specification No. 19-01, and Direct Staff to Advertise for Bids.

Recommended Action: *Approve the Plans and Specifications for the Dora Street Utility Improvement Project, Specification No. 19-01, and direct Staff to advertise for bids.*

Attachments:

1. PLANS Spec 19-01 Dora Utility Improvement

- 12.d. Approval of Plans and Specifications for the Dora Street Overlay Project, Specification No. 21-05, and Direct Staff to Advertise for Bids.

Recommended Action: *Approve the Plans and Specifications for the Dora Street Overlay Project, Specification No. 21-05, and direct Staff to advertise for bids.*

Attachments:

1. Spec 21-05 Dora Overlay Project

- 12.e. Approval of Plans and Specifications for the State Street and Dora Street Rehabilitation Project, Specification No. 21-04, and Direct Staff to Advertise for Bids.

Recommended Action: *Approve the Plans and Specifications for the State Street and Dora Street Rehabilitation Project, Specification No. 21-04, and direct Staff to advertise for bids.*

Attachments:

1. PLANS - 21-04 State and Dora Rehabilitation

13. NEW BUSINESS

- 13.a. Receive Updates on City Council Committee and Ad Hoc Assignments, and, if Necessary, Consider Modifications to Assignments and/or the Creation/Elimination of Ad Hoc(s).

Recommended Action: Receive report(s). The Council will consider modifications to committee and ad hoc assignments along with the creation/elimination ad hoc(s).

Attachments:

1. 2022 City Council Special Assignments

14. CLOSED SESSION - CLOSED SESSION MAY BE HELD AT ANY TIME DURING THE MEETING

- 14.a. **Conference with Legal Counsel—Anticipated Litigation**

(Government Code Section 54956.9(d)(2 & 3))

Significant exposure to litigation pursuant to Government Code Section 54956.9(d)(2)(Number of potential cases: 1)

Recommended Action:

Attachments: None

- 14.b. **Conference with Legal Counsel – Anticipated Litigation**

(Government Code Section 54956.9(d)(2)or(3))

Significant exposure to litigation pursuant to paragraph (2) or (3) of subdivision (d) of Section 54956.9: (1 potential case, involving possible termination of construction contract for cause)

Recommended Action:

Attachments: None

- 14.c. **Conference with Legal Counsel – Existing Litigation**

(Government Code Section 54956.9(d)(1))

Name of case: Vichy Springs Resort v. City of Ukiah, Et Al; Case No. SCU-K-CVPT-2018-70200

Recommended Action:

Attachments: None

- 14.d. **Conference with Legal Counsel – Existing Litigation**
(Government Code Section 54956.9(d)(1))
Name of case: Vichy Springs Resort v. City of Ukiah, Et Al; Case No. SCUК-CVPT-20-74612
Recommended Action:
Attachments: None
- 14.e. **Conference with Legal Counsel – Existing Litigation**
(Cal. Gov't Code Section 54956.9(d)(1))
Name of case: City of Ukiah v. Questex, LTD, et al, Mendocino County Superior Court,
Case No. SCUК- CVPT-15-66036
Recommended Action:
Attachments: None
- 14.f. **Conference with Legal Counsel – Existing Litigation**
(Cal. Gov't Code Section 54956.9(d)(1))
Name of case: Siderakis v. Ukiah, et al, Mendocino County Superior Court, Case No.
21CV00603
Recommended Action:
Attachments: None
- 14.g. **Conference with Legal Counsel – Existing Litigation**
(Government Code Section 54956.9(d)(1))
Name of case: Gerardo Magdaleno, by and through his Guardian Ad Litem, Pedro Francisco
Magdaleno v. City of Ukiah, Justin Wyatt (Fed. Dist. Ct. N.D. Cal.) 3:21-2609 VC.
Recommended Action:
Attachments: None
- 14.h. **Conference with Real Property Negotiators**
(Cal. Gov't Code Section 54956.8)
Property: APN Nos: 157-050-03, 157-060-02, 157-050-04, 157-050-03, 157-030-02, 157-050-
01, 157-050-02, 157-050-10, 157-050-09, 157-070-01, 157-070-02, 003-190-01
Negotiator: Sage Sangiacomo, City Manager;
Negotiating Parties: Dave Hull and Ric Piffero
Under Negotiation: Price & Terms of Payment
Recommended Action:
Attachments: None
- 14.i. **Conference with Real Property Negotiators**
(Cal. Gov't Code Section 54956.8)
Property: 1850 Talmage Road, Ukiah, CA 95482
Negotiator: Sage Sangiacomo, City Manager, or his Designee
Negotiating Parties: City of Ukiah and Rogina Water Company
Under Negotiation: Price & Terms of Payment
Recommended Action:
Attachments: None
- 14.j. **Conference with Labor Negotiator (54957.6)**
Agency Representative: Sage Sangiacomo, City Manager
Employee Organizations: All Bargaining Units
Recommended Action:
Attachments: None

15. ADJOURNMENT

Please be advised that the City needs to be notified 72 hours in advance of a meeting if any specific accommodations or interpreter services are needed in order for you to attend. The City complies with ADA requirements and will attempt to reasonably accommodate individuals with disabilities upon request. Materials related to an item on this Agenda submitted to the City Council after distribution of the agenda packet are available for public inspection at the front counter at the Ukiah Civic Center, 300 Seminary Avenue, Ukiah, CA 95482, during normal business hours, Monday through Friday, 8:00 am to 5:00 pm.

I hereby certify under penalty of perjury under the laws of the State of California that the foregoing agenda was posted on the bulletin board at the main entrance of the City of Ukiah City Hall, located at 300 Seminary Avenue, Ukiah, California, not less than 72 hours prior to the meeting set forth on this agenda.

Kristine Lawler, CMC/City Clerk
Dated: 2/25/22



AGENDA SUMMARY REPORT

SUBJECT: Proclamation of the Ukiah City Council Recognizing March as Women's History Month.

DEPARTMENT: City Manager /
Admin

PREPARED BY: Traci Boyl, Management Analyst

PRESENTER: Jim O. Brown, City Council, Mayor

ATTACHMENTS:

1. Proclamation - 2022 Women's History Month
2. Women's Gala Flyer

Summary: Council to issue a proclamation recognizing March as Women's History Month.

Background: The City celebrates and honors women and their contribution to our community annually during the month of March. In March of 1983, the first Women's History Gala Celebration in Mendocino County was held at Anderson Valley High School. Thereafter, each year, until 2020, it has been held in the City of Ukiah, with the celebration this year marking its 38th anniversary.

Discussion: At the March 2, 2022, Regular Meeting, the City Council will issue a Proclamation (Attachment 1) recognizing March as Women's History Month. In addition to the proclamation, the Mendocino Women's Political Coalition and the American Association of University Women-Ukiah will co-sponsor the Women's History Gala Celebration scheduled to take place at the Ukiah Civic Center on March 20, 2022 (Attachment 2). "Women Providing Healing, Promoting Hope", is the theme for this year's event celebrating the ceaseless work of caregivers and frontline workers during this ongoing pandemic and also a recognition of the thousands of ways that women of all cultures have provided both healing and hope throughout history.

Recommended Action: Issue a Proclamation of the Ukiah City Council recognizing March as Women's History Month.

BUDGET AMENDMENT REQUIRED:

CURRENT BUDGET AMOUNT:

PROPOSED BUDGET AMOUNT:

FINANCING SOURCE:

PREVIOUS CONTRACT/PURCHASE ORDER NO.:

COORDINATED WITH:

Approved: 
Sage Sangiacomo, City Manager

P ROCLAMATION

CITY OF UKIAH

RECOGNIZING MARCH 2022 AS “WOMEN’S HISTORY MONTH” IN THE CITY OF UKIAH

WHEREAS, in March 1983 the first Women’s History Gala Celebration in Mendocino County was held in the Anderson Valley High School, thereafter, each year it has been held in the City of Ukiah, the seat of Mendocino County, with the celebration this year marking its 38th anniversary; and

WHEREAS, the Mendocino Women’s Political Coalition (MWPC) and the American Association of University Women-Ukiah are the co-sponsors of the Women’s History Gala Celebration to take place on Sunday, March 20, 2022 at the Saturday Afternoon Clubhouse. The public is invited to attend; and

WHEREAS, the aforementioned women’s organizations continue to work to increase and acknowledge the roles of women at all levels of community and public service, and to become knowledgeable about issues that affect their equality and to foster networks that extend and expand the creative, social, and political strength of women; and

WHEREAS, promoting and celebrating the equality and achievements of all women continue to be at the core of the 2022 celebration of Women’s History Month, the tradition of the annual Women’s History Gala Celebration is to recognize and honor particular women who exemplify each year’s designated theme for contributions in their communities through their fields of work; and History Month; and

WHEREAS, “Women Providing Healing, Promoting Hope” is the theme for this year’s event celebrating the ceaseless work of caregivers and frontline workers during this ongoing pandemic and also a recognition of the thousands of ways that women of all cultures have provided both healing and hope throughout history.

THEREFORE BE IT RESOLVED that the City Council of the City of Ukiah, hereby proclaims March 2022, as.

“Women’s History Month in the City of Ukiah”

Signed and sealed, this 2nd day of March in the year Two Thousand and Twenty-Two.

Jim O. Brown
City Council, Mayor

38th Annual

WOMEN
 PROVIDING HEALING
 PROMOTING HOPE

WOMEN'S HISTORY GALA CELEBRATION

SUNDAY MARCH 20

1-3 PM

Saturday Afternoon Clubhouse
 107 S. Oak Street, Ukiah



2022 Honorees



CYNTHIA SAVAGE
 Willits Daily Bread



**SHIRLEY MATILTON
 FEATHER**
 Native American entrepreneur

CAMILLE SCHRAEDER
 REDWOOD
 COMMUNITY
 SERVICES



**MUSIC with the
 THE MENDOCINO GAGGLE
 OF RAGING GRANNIES**



**REFRESHMENTS
 EVERYONE WELCOME
 SUGGESTED DONATION
 \$10 AT THE DOOR
 masks and distancing**



Featuring:

MALIA COHEN, speaker

*Chair of the State Board of Equalization. Formerly
 President of the SF Board of Supervisors, Cohen
 works for women in leadership roles*



GEORGINA MARIE GUARDADO
 poet

*Award winning poet from Lakeport and
 Lake County Poet Laureate, the first Mex-
 ican-American and the youngest to serve*

Presented by MENDOCINO WOMENS POLITICAL COALITION, UKIAH AMERICAN ASSOCIATION OF
 UNIVERSITY WOMEN -- supporting women in leadership
 Sponsored by SATURDAY AFTERNOON CLUBHOUSE, CLOUD FOREST INSTITUTE

**CITY OF UKIAH
CITY COUNCIL MINUTES
Special Meeting
Virtual Meeting Link: <https://zoom.us/j/97199426600>
Ukiah, CA 95482
February 16, 2022
6:00 p.m.**

1. ROLL CALL AND PLEDGE OF ALLEGIANCE

Ukiah City Council met at a Special Meeting on February 16, 2022, having been legally noticed on February 10, 2022. The meeting was held virtually at the following link: <https://zoom.us/j/97199426600>. Mayor Brown called the meeting to order at 4:35 p.m. Roll was taken with the following **Councilmembers Present:** Juan V. Orozco, Douglas, F. Crane, Mari Rodin, Josefina Dueñas (*arriving at 4:38 p.m.*), and Jim O. Brown. **Staff Present:** Sage Sangiacomo, City Manager; David Rapport, City Attorney; Sheri Mannion, Human Resources Director/Risk Manager; and Kristine Lawler, City Clerk.

MAYOR BROWN PRESIDING.

The Pledge of Allegiance was led by City Manager Sangiacomo and Mayor Brown.

2. AUDIENCE COMMENTS ON NON-AGENDA ITEMS

No public comment was given.

3. CLOSED SESSION

a. Conference with Legal Counsel – Anticipated Litigation

(Government Code Section 54956.9(d)(2 & 3))

Significant exposure to litigation pursuant to Government Code Section 54956.9(d)(2)(Number of potential cases: 1)

b. Conference with Legal Counsel – Anticipated Litigation

(Government Code Section 54956.9(d)(2)or(3))

Significant exposure to litigation pursuant to paragraph (2) or (3) of subdivision (d) of Section 54956.9: (1 potential case, involving possible termination of construction contract for cause)

c. Conference with Legal Counsel – Anticipated Litigation

(Government Code Section 54956.9(d)(1))

Name of case: Vichy Springs Resort v. City of Ukiah, Et Al; Case No. SCUK-CVPT-2018-70200

d. Conference with Legal Counsel – Existing Litigation

(Government Code Section 54956.9(d)(1))

Name of case: Vichy Springs Resort v. City of Ukiah, Et Al; Case No. SCUK-CVPT-20-74612

e. Conference with Legal Counsel – Existing Litigation

(Cal. Gov't Code Section 54956.9(d)(1))

Name of case: City of Ukiah v. Questex, LTD, et al, Mendocino County Superior Court, Case No. SCUK- CVPT-15-66036

f. Conference with Legal Counsel – Existing Litigation

(Cal. Gov't Code Section 54956.9(d)(1))

Name of case: Siderakis v. Ukiah, et al, Mendocino County Superior Court, Case No. 21CV00603

g. Conference with Legal Counsel – Existing Litigation

(Government Code Section 54956.9(d)(1))

Name of case: Gerardo Magdaleno, by and through his Guardian Ad Litem, Pedro Francisco Magdaleno v. City of Ukiah, Justin Wyatt (Fed. Dist. Ct. N.D. Cal.) 3:21-2609 VC.

h. Conference with Real Property Negotiators

(Cal. Gov't Code Section 54956.8)

Property: APN Nos: 157-050-03, 157-060-02, 157-050-04, 157-050-03, 157-030-02, 157-050- 01, 157-050-02, 157-050-10, 157-050-09, 157-070-01, 157-070-02, 003-190-01

Negotiator: Sage Sangiacomo, City Manager;

Negotiating Parties: Dave Hull and Ric Piffero

Under Negotiation: Price & Terms of Payment

i. Conference with Labor Negotiator (54957.6)

Agency Representative: Sage Sangiacomo, City Manager

Employee Organizations: All Bargaining Units

No action reported.

5. ADJOURNMENT

There being no further business, the meeting adjourned at 5:30 p.m.

Kristine Lawler, City Clerk/CMC

**CITY OF UKIAH
CITY COUNCIL MINUTES
Regular Meeting
Virtual Meeting Link: <https://zoom.us/j/97199426600>
Ukiah, CA 95482
February 16, 2022
6:00 p.m.**

1. ROLL CALL

Ukiah City Council met at a Regular Meeting on February 16, 2022, having been legally noticed on February 10, 2022. The meeting was held virtually at the following link: <https://zoom.us/j/97199426600>. Mayor Brown called the meeting to order at 6:02 p.m. Roll was taken with the following **Councilmembers Present:** Juan V. Orozco, Douglas, F. Crane, Mari Rodin, Josefina Dueñas, and Jim O. Brown. **Staff Present:** Sage Sangiacomo, City Manager; David Rapport, City Attorney; and Kristine Lawler, City Clerk.

MAYOR BROWN PRESIDING.

2. PLEDGE OF ALLEGIANCE

Pledge of Allegiance was held during the special meeting.

3. PROCLAMATIONS/INTRODUCTIONS/PRESENTATIONS

a. Trench Cut Fee Study Presentation.

Presenters: Tim Eriksen, Public Works Director/City Engineer; and Margo Yapp and Debaroti Ghosh, NCE.

PowerPoint Presentation was given and received.

4. PETITIONS AND COMMUNICATIONS

Clerk stated that all communications had been distributed.

5. APPROVAL OF MINUTES

a. Approval of the Minutes for the February 2, 2022, Special Meeting.

b. Approval of the Minutes for the February 2, 2022, Regular Meeting.

Motion/Second: Crane/Rodin to approve the Special and Regular Meeting Minutes of February 2, 2022, as submitted. Motion **carried** by the following roll call votes: AYES: Orozco, Crane, Rodin, Dueñas, and Brown. NOES: None. ABSENT: None. ABSTAIN: None.

6. RIGHT TO APPEAL DECISION

7. CONSENT CALENDAR

- a. Report of Disbursements for the Month of January 2022 – *Finance*.
- b. Approval of a Four-Year Cooperative Agreement (COU No. 2122-181) for Dispatch Services with the California Department of Forestry and Fire Protection in an Amount Not to Exceed \$1,540,822 - *Fire*.
- c. Notification to City Council of Contract No. 2122-163 with Flock Group Inc. for the Rental of Two Cameras in the Amount of \$10,500 for the Ukiah Valley Fire Authority - *Fire*.

- d. Adoption of Resolution (2022-10) Authorizing Submittal of an Application (COU No. 2122-182) to the California Department of Housing and Community Development for Funding under the HOME Investment Partnerships Program; and if Selected, the Execution of a Standard Agreement (COU No. 2122-183), Any Amendments Thereto, and of Any Related Documents Necessary to Participate in the HOME Investment Partnerships Program, as well as Authorization of the Corresponding Budget Amendments – *Community Development*.
- e. Adoption of Resolution (2022-11) of the City Council Reconsidering the Circumstances of the State of Emergency and Implementing Teleconferencing Requirements for City Council and Board and Commission Meetings During a Proclaimed State of Emergency Due to the COVID-19 Pandemic – *Administration*.
- f. ~~Possible Adoption of Ordinance Restricting the Retail Sale of Nitrous Oxide—Administration – Pulled by Councilmember Rodin and placed as Agenda Item 13b.~~
- g. Award Purchase to Steven Engineering, for a Vibration Monitoring System for Pumps and Motors for the Waste Water Treatment Plant, in the Amount of \$33,312.31 – *Water Resources*.
- h. Notification of the Purchase of Axon Fleet 2 Car Camera Five-Year Service Agreement (COU 2122-191) in the Amount of \$63,912.61 - *Police*.
- i. Adoption of a Resolution (2022-12) of Notice of Intent to Comply with Regulatory Requirements of Senate Bill 1383, Short-Lived Climate Pollutants: Organic Waste Reductions and Authorize the Submittal of Intent to Comply to CalRecycle – *Public Works*.
- j. Approval of Change Order #13 (COU No. 1920-216-CO13) to Ghilotti Construction in the Amount of \$53,242.91 for Traffic Signal Revisions and Other Amenities to the Downtown Streetscape and Road Diet Project, Specification #19-18 and corresponding budget amendment from the General Fund in the amount of \$15,693.96 – *Public Works*.
- k. Approval of Purchase of Vendor Cloud Hosting of Tyler Munis Enterprise Resource Planning (ERP) Finance System Servers, in the Amount of \$170,296.00 – *Information Technology*.
- l. Adoption of Resolution (2022-13) Opposing Initiative 21-0042A1 - *Administration*.

Motion/Second: Rodin/Orozco to approve Consent Calendar Items 7a-e and g-l, as submitted. Motion **carried** by the following roll call votes: AYES: Orozco, Crane, Rodin, Dueñas, and Brown. NOES: None. ABSENT: None. ABSTAIN: None.

8. **AUDIENCE COMMENTS ON NON-AGENDA ITEMS**

No public comment received.

9. **COUNCIL REPORTS**

Presenter: Councilmember Rodin.

10. **CITY MANAGER/CITY CLERK REPORTS**

Presenters: Sage Sangiacomo, City Manager.

- **Public Assistance Programs** – Mary Horger, Financial Services Manager and Lori Martin Customer Services and Billing Manager.
- **Construction Update** – Tim Eriksen, Public Works Director/City Engineer.

11. PUBLIC HEARINGS (6:15 PM)

a. Approval of Application to Demolish Two Structures over the Age of 50 Years Located at 1100, 1102, and 1104 South State Street.

Presenters: Mireya Turner, Planning Manager and Craig Schlatter, Community Development Director.

PUBLIC HEARING OPENED AT 7:15 P.M.

No public comment was received.

PUBLIC HEARING CLOSED AT 7:16 P.M.

Motion/Second: Rodin/Crane to approve the application to demolish two structures located at 1100, 1102 and 1104 South State Street. Motion carried by the following roll call votes: AYES: Orozco, Crane, Rodin, Dueñas, and Brown. NOES: None. ABSENT: None. ABSTAIN: None.

b. Conduct a Public Hearing and Consider Adopting Respective Resolutions Authorizing Electric Revenue Bonds, Series 2022 to Make Capital Improvements to the City's Electric System.

Presenter: Dan Buffalo, Finance Director.

PUBLIC HEARING OPENED AT 7:27 P.M.

No public comment was received.

PUBLIC HEARING CLOSED AT 7:28 P.M.

Motion/Second: Crane/Rodin to adopt a resolution (2022-14) authorizing the issuance of electric revenue bonds and authorizing the City Manager to execute all related documents (*including following agreement nos: COU No. 2122-185– Installment Sale Agreement; 2122-186 – Indenture of Trust; 2122-187 - Purchase Contract*) for the improvement to various capital assets of City's electric system. Motion carried by the following roll call votes: AYES: Orozco, Crane, Rodin, Dueñas, and Brown. NOES: None. ABSENT: None. ABSTAIN: None.

THE CITY COUNCIL ADJOURNED TO THE UKIAH PUBLIC FINANCING AUTHORITY MEETING AT 7:30 P.M.

UKIAH PUBLIC FINANCING AUTHORITY

1. ROLL CALL

The Ukiah Financing Authority met at a Special Meeting on February 16, 2022, having been legally noticed on February 10, 2022. Chair Brown called the meeting to order at 8:07 p.m. Roll was taken with the following **Members Present:** Juan V. Orozco, Douglas, F. Crane, Mari Rodin, Josefina Dueñas, and Jim O. Brown. **Staff Present:** Sage Sangiacomo, City Manager; David Rapport, City Attorney; and Kristine Lawler, Public Financing Authority Secretary.

CHAIR BROWN PRESIDING.

2. AUDIENCE COMMENTS ON NON-AGENDA ITEMS

No public comment was received.

3. APPROVAL OF MINUTES

a. Approval of the Minutes for the February 2, 2022, Special Meeting.

Motion/Second: Crane/Orozco to approve the minutes for the February 2, 2022, Special Meeting, as submitted. Motion **carried** by the following roll call votes: AYES: Orozco, Crane, Rodin, Dueñas, and Brown. NOES: None. ABSENT: None. ABSTAIN: None.

4. UNFINISHED BUSINESS

a. Consider Adopting a Resolution Authorizing Electric Revenue Bonds, Series 2022 to Make Capital Improvements to the City's Electric System.

Presenter: Dan Buffalo, Finance Director.

Motion/Second: Crane/Rodin to adopt a resolution (PFA 2022-02) authorizing the issuance of electric revenue bonds and authorizing the City Manager to execute all related documents for the improvement to various capital assets of City's electric system. Motion **carried** by the following roll call votes: AYES: Orozco, Crane, Rodin, Dueñas, and Brown. NOES: None. ABSENT: None. ABSTAIN: None.

5. ADJOURNMENT

There being no further business, the meeting adjourned at 7:33 p.m.

THE CITY COUNCIL RECONVENED THE REGULAR MEETING AT 7:33 P.M.

13. NEW BUSINESS

b. Possible Adoption of Ordinance Restricting the Retail Sale of Nitrous Oxide - From Consent Calendar Agenda Item 7f.

Presenter: Darcy Vaughn, Assistant City Attorney.

Public Comment: Randi Pielaszczyk, Sofie Knight, and Noah Block, Ukiah Valley Youth Leadership Coalition.

Motion/Second: Rodin/Brown to adopt the Ordinance Restricting the Retail Sale of Nitrous Oxide with a program report to Council in one year. Motion carried by the following roll call votes: AYES: Orozco, Crane, Rodin, Dueñas, and Brown. NOES: None. ABSENT: None. ABSTAIN: None.

ORDINANCE NO. 1220

ORDINANCE OF THE CITY COUNCIL OF THE CITY OF UKIAH ADDING ARTICLE 7.1 TO DIVISION 2, CHAPTER 2 OF THE CITY CODE TO RESTRICT RETAIL SALES OF NITROUS OXIDE

RECESS: 7:52 – 8:00 P.M.

12. UNFINISHED BUSINESS

a. Receive Status Report and Consider Any Action or Direction Related to the Novel Coronavirus (COVID-19) Emergency Including Operational Preparedness and Response; Continuity of City Operations and Services; Community and Business Impacts; and Any Other Related Matters.

Presenter: Tami Bartolomei, Office of Emergency Management Coordinator.

Report was received.

b. Award Professional Services Agreement to GHD Engineers, Inc. in the Amount of \$239,393 to Prepare the Plans, Specifications, and Estimate for the Talmage Road Rehabilitation Project, and Approve Corresponding Budget Amendments.

Presenter: Tim Eriksen, Public Works Director/City Engineer.

Motion/Second: Orozco/Rodin to award professional services agreement (COU No. 2122-188) to GHD Engineers, Inc. in the amount of \$239,393 to prepare the plans, specifications, and estimate for the Talmage Road Rehabilitation Project, and approve corresponding budget amendments. Motion **carried** by the following roll call votes: AYES: Orozco, Crane, Rodin, Dueñas, and Brown. NOES: None. ABSENT: None. ABSTAIN: None.

c. Award Professional Services Agreement to Coastland in the Amount of \$285,353 to Prepare the Plans, Specifications, and Estimate for the Main Street Utilities Improvement Project, and Approve Corresponding Budget Amendments.

Presenter: Tim Eriksen, Public Works Director/City Engineer.

Motion/Second: Rodon/Orozco to award professional services agreement (COU No. 2122-189) to Coastland in the amount of \$285,353 to prepare the plans, specifications, and estimate for the Main Street Utilities Improvement Project, and approve corresponding budget amendments. Motion **carried** by the following roll call votes: AYES: Orozco, Crane, Rodin, Dueñas, and Brown. NOES: None. ABSENT: None. ABSTAIN: None.

d. Award Professional Services Agreement to BKF Engineers in the Amount of \$308,031 to Prepare the Plans, Specifications, and Estimate for the East Perkins Widening Project, and Approve Corresponding Budget Amendments.

Presenter: Tim Eriksen, Public Works Director/City Engineer.

Motion/Second: Rodin/Orozco to award professional services agreement (COU No. 2122-190) to BKF Engineers in the amount of \$308,031 to prepare the plans, specifications, and estimate for the East Perkins Widening Project, and approve corresponding budget amendments. Motion **carried** by the following roll call votes: AYES: Orozco, Crane, Rodin, Dueñas, and Brown. NOES: None. ABSENT: None. ABSTAIN: None.

e. Receive Annual Progress Reports on the 2019-2027 Housing Element and 1995 (Current) Ukiah Valley General Plan; and Provide Direction as Necessary.

Presenters: Craig Schlatter, Community Development Director; Jesse Davis, Planning Manager; and Mireya Turning, Planning Manager.

PowerPoint Presentation was given and report was received.

Clerk's Note: See below for vote to accept report.

f. Consideration of Financial Contribution in the Amount of \$50,000 to the Inland Water and Power Commission for Legal Services Related to the Potter Valley Project.

Presenter: Sean White, Water Resources Director.

Motion by Councilmember Crane, seconded by Councilmember Rodin for the recommended action.

Upon further discussion, the motion was updated as follows:

Motion/Second: Crane/Rodin to approve a financial contribution in the amount of \$50,000 to the Inland Water and Power Commission for legal services related to the Potter Valley Project. Motion **carried** by the following roll call votes: AYES: Orozco, Crane, Rodin, Dueñas, and Brown. NOES: None. ABSENT: None. ABSTAIN: None.

g. Mid-year Budget Report for Fiscal Year 2021-22.

Presenters: Dan Buffalo, Finance Director and Mary Horger, Financial Services Manager.

Report was received.

e. (Continued) Receive Annual Progress Reports on the 2019-2027 Housing Element and 1995 (Current) Ukiah Valley General Plan; and Provide Direction as Necessary.

Presenter: Craig Schlatter, Community Development Director.

Motion/Second: Crane/Rodin to accept the annual progress reports on the 2019-2027 Housing Element and 1995 (Current) Ukiah Valley General Plan. Motion **carried** by the following roll call votes: AYES: Orozco, Crane, Rodin, Dueñas, and Brown. NOES: None. ABSENT: None. ABSTAIN: None.

13. NEW BUSINESS

a. Receive Updates; Discussion and Appointments Regarding 2022 Council Assignments; and Consideration of Disbandment and Modification to City Council Committees and Ad Hoc.

Presenters: Councilmember Rodin, Mayor Brown, Councilmember Crane, and City Manager Sangiacomo.

Reports were received.

14. CLOSED SESSION

a. Conference with Legal Counsel – Anticipated Litigation

(Government Code Section 54956.9(d)(2 & 3))

Significant exposure to litigation pursuant to Government Code Section 54956.9(d)(2)(Number of potential cases: 1)

b. Conference with Legal Counsel – Anticipated Litigation

(Government Code Section 54956.9(d)(2)or(3))

Significant exposure to litigation pursuant to paragraph (2) or (3) of subdivision (d) of Section 54956.9: (1 potential case, involving possible termination of construction contract for cause)

c. Conference with Legal Counsel – Anticipated Litigation

(Government Code Section 54956.9(d)(1))

Name of case: Vichy Springs Resort v. City of Ukiah, Et Al; Case No. SCU-K-CVPT-2018-70200

d. Conference with Legal Counsel – Existing Litigation

(Government Code Section 54956.9(d)(1))

Name of case: Vichy Springs Resort v. City of Ukiah, Et Al; Case No. SCU-K-CVPT-20-74612

e. **Conference with Legal Counsel – Existing Litigation**

(Cal. Gov't Code Section 54956.9(d)(1))

Name of case: City of Ukiah v. Questex, LTD, et al, Mendocino County Superior Court, Case No. SCUk- CVPT-15-66036

f. **Conference with Legal Counsel – Existing Litigation**

(Cal. Gov't Code Section 54956.9(d)(1))

Name of case: Siderakis v. Ukiah, et al, Mendocino County Superior Court, Case No. 21CV00603

g. **Conference with Legal Counsel – Existing Litigation**

(Government Code Section 54956.9(d)(1))

Name of case: Gerardo Magdaleno, by and through his Guardian Ad Litem, Pedro Francisco Magdaleno v. City of Ukiah, Justin Wyatt (Fed. Dist. Ct. N.D. Cal.) 3:21-2609 VC.

h. **Conference with Real Property Negotiators**

(Cal. Gov't Code Section 54956.8)

Property: APN Nos: 157-050-03, 157-060-02, 157-050-04, 157-050-03, 157-030-02, 157-050- 01, 157-050-02, 157-050-10, 157-050-09, 157-070-01, 157-070-02, 003-190-01

Negotiator: Sage Sangiacomo, City Manager;

Negotiating Parties: Dave Hull and Ric Piffero

Under Negotiation: Price & Terms of Payment

i. **Conference with Labor Negotiator (54957.6)**

Agency Representative: Sage Sangiacomo, City Manager

Employee Organizations: All Bargaining Units

No Closed Session was held during the regular meeting.

15. **ADJOURNMENT**

There being no further business, the meeting adjourned at 9:56 p.m.

Kristine Lawler, City Clerk/CMC



AGENDA SUMMARY REPORT

SUBJECT: Approval of Contract Amendment with GHD Inc. for the Additional Support in Environmental Studies and Permitting for the Great Redwood Trail Phase 4 Project.

DEPARTMENT: Public Works

PREPARED BY: Andrew Stricklin, Associate Engineer

PRESENTER: Tim Eriksen, Director of Public Works / City Engineer

ATTACHMENTS:

1. GHD - GRT4_Amendment 1_Environmental Services

Summary: The City Council will consider giving approval of a contract amendment with GHD Inc. for the additional support in environmental studies and permitting for the Great Redwood Trail Phase 4 Project, and consider approving a corresponding budget amendment.

Background: At the September 15, 2021 meeting, Council awarded a professional services agreement to GHD, Inc. in the amount of \$312,491 to prepare the plans, specifications and estimate for the Great Redwood Trail Phase 4 Project (GRT4). This project will extend the existing rail trail phase 2 from Commerce Drive south approximately 1.9 miles past Plant Road near the City's wastewater treatment plant. The new phase will provide connectivity from the Redwood Business Park to the Ukiah Animal Shelter at Plant Road. Staff obtained the same California Natural Resources Agency grant through the Urban Greening Program that provided funding for phase 3 of the trail. This funding is providing for both design and construction of this project.

Discussion: After starting the development of plans for this project, GHD and City staff determined the need to keep the trail parallel to the railroad tracks at this time, which will likely require support in getting permits from the California Department of Fish and Wildlife, Regional Water Quality Control Board, and United States Army Corp of Engineers before construction. The scope of work will include preparation of field work and technical studies to determine potential habitat and aquatic features, necessary permit applications, and subsequent coordination with the regulatory agencies. The total fee for these additional professional services is \$49,818. (Attachment 1) A budget amendment will be necessary to cover this additional work.

Recommended Action: Approve contract amendment with GHD Inc. for the additional support in environmental studies and permitting for the Great Redwood Trail Phase 4 Project, and approve corresponding budget amendment.

BUDGET AMENDMENT REQUIRED: No

CURRENT BUDGET AMOUNT: 51124210.80230.18253 \$3,098,921

PROPOSED BUDGET AMOUNT: N/A

FINANCING SOURCE: Urban Greening Program Grant

PREVIOUS CONTRACT/PURCHASE ORDER NO.: Contract 2122118

COORDINATED WITH: Tim Eriksen, Director of Public Works / City Engineer

Approved: 
Sage Sangiacomo, City Manager



City of Ukiah Ref: COU No. 2122118
Our ref: 12557341

February 17, 2022

Tim Eriksen
Public Works Director / City Engineer
City of Ukiah
300 Seminary Avenue
Ukiah, CA 95482

RE: Great Redwood Trail Phase 4, Environmental Studies and Permitting

Dear Mr. Eriksen,

The City of Ukiah is currently in the planning phase to construct Phase 4 of the Great Redwood Trail. The Phase 4 Trail is approximately 1.9 miles long and may impact jurisdictional aquatic features including swales and culvert crossings.

Based on our current understanding of the project, it is assumed that permits from the California Department of Fish and Wildlife, Regional Water Quality Control Board, and United States Army Corps of Engineers may be required in order to construct the project. This scope of work is provided to prepare field work and technical studies to determine potential habitat and aquatic features, necessary permit applications, and subsequent coordination with the regulatory agencies.

Task 7A: Environmental Fieldwork and Studies

Biological Resources Memo

GHD will prepare a Biological Resources Memo to support the permit applications. The memo will summarize the potential for special status plants and wildlife, habitats, and Sensitive Natural Communities to occur within the project area. The memo will compile data found during database surveys described above as well as any available maps, databases, literature specific to local ecology, and any additional information from the client pertaining to the site shall be reviewed. Recommendations for further actions or mitigation measures to protect biological resources during project implementation will conclude the memo.

Aquatic Resources Delineation

GHD, in coordination with Jane Valerius Environmental Consulting, will conduct a delineation of potential wetlands and waters of the United States and/or State in accordance with the USACE 1987 manual, the Western Mountains, Valleys, and Coast Region Supplement, the 2020 Navigable Waters Protection Rule and the State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State adopted by the State Water Resources Control Board on April 2, 2019. Field work for the delineation will be conducted on the same day as the initial habitat assessment described below.

A delineation report will be prepared that describes the findings of the delineation and can be submitted to USACE for jurisdictional determination. The report will include a delineation map, data sheets, and supplemental information to support the delineation analysis. The delineation will include all the information required by USACE and Water Board to make a formal jurisdictional determination. As part of the report, the following information is required: a locality map; USGS quad sheet or copy with the project boundary outlined; and a delineation map on an aerial or topographic base. GHD will prepare the figures to support the delineation report.

TASK 7B: Environmental Permitting

CDFW - 1602 Streambed Alteration Agreement

GHD will prepare a draft Streambed Alteration Agreement application in accordance with Fish and Wildlife Code Section 1602. CDFW requires a Streambed Alteration Agreement for projects with the potential to adversely affect existing fish or wildlife resources. The draft application will be submitted to the City for review and comment. GHD will incorporate comments received into the final application and complete the

1602 Streambed Alteration Agreement application package for online submittal to CDFW. If the City does not yet have an online Environmental Permit Information Management System (EPIMS) account, GHD will guide the County through the registration process. All application materials will be submitted to CDFW through their online EPIMS Portal and GHD will coordinate with the local agent assigned to the project. It is anticipated that this agency coordination will continue throughout the permitting process.

RWQCB - 401 Water Quality Certification

GHD will prepare a draft CWA Section 401 Permit (Water Quality Certification) application pursuant to the requirements of the North Coast RWQCB for projects that may impact Waters of the State. The draft permit application will be submitted to the City for review and comment. Following incorporation of all comments by the City, the application package will be submitted to the North Coast RWQCB. GHD will coordinate closely with the RWQCB regional office throughout the permitting submittal process.

USACE - 404 Nationwide Permit

GHD will prepare a CWA Section 404 Nationwide permit application to be submitted to the USACE as required for projects with the potential to impact federal Waters. A draft CWA 404 NWP permit application will be prepared pursuant to the requirements for a Section 404 Army Permit (33 CFR Part 323). It is anticipated that NWP 14, for linear transportation, will best apply to the project; however, that will be confirmed with USACE staff once the project is initiated during pre-application coordination with the agency. Following incorporation of comments by the City, GHD will revise the draft application into a final submittal package.

TASK 7 DELIVERABLES

- Draft and Final Wetland Delineation (Electronic Format)
- Draft and Final Biological Resources Memo (Electronic Format)
- Draft and Final Permit Applications (Electronic Format)

GENERAL ASSUMPTIONS/EXCLUDED SERVICES

This proposal is based on the following assumptions. Additional budget may be required for services beyond the estimated level of effort in this proposal:

- The City shall pay all permitting fees.
- Formal Section 7 Consultation will not be required.
- All impacts along the alignment would be addressed in one application package to each agency.
- A 404 (b) (1) alternatives analysis will not be required.
- A formal revegetation plan or mitigation plan will not be required.

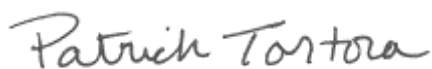
FEE ESTIMATE

The estimated fee for professional services is \$49,818. See attachment for breakdown of the estimated fee.

The field work is scheduled for tomorrow February 18, 2022. GHD will follow up with a schedule on the studies and permitting (if required) once field work is completed. Please forward the amendment to Patrick Tortora and we will have signed and executed.

If you have any questions or comments regarding this proposal, please feel free to call me at 503-505-0117.

Sincerely,
GHD Inc.



Patrick Tortora, PE
Project Manager

Cc: Kristine Gaspar, Matt Kennedy, PE, Principal
Attachment: Fee Estimate



PROJECT ESTIMATING SHEET

PROJECT NAME: Great Redwood Trail Phse 4 Project - Environmental Studies and Permitting

Date: 2/17/2022

	GHD									Subconsultants			Total Fee
	Principal	Project Engineer	Environmental Lead	CADD	Env. Planner / Biologist	GIS/Graphics	Hours	Indirect Costs	Fee	Valerius	Markup 10%	Sub Total or Expense	
Task 7 Environmental Support	\$250	\$215	\$225	\$155	\$160	\$120							
Task 7a - Environmental Fieldwork and Studies													
Prep and Field Work	1	2	4		16	8	31		\$5,100			\$600	\$5,700
Biological Resources Memo			4		40	4	48		\$7,780				\$7,780
Wetland Delineation			4		4	6	14		\$2,260	\$3,225	\$323	\$3,548	\$5,808
Task 7a Subtotal Hours	1	2	12	0	60	18	93						
Task 7a Subtotal Fee	\$ 250	\$430	\$2,700	\$0	\$9,600	\$2,160		\$0	\$15,140				\$19,288
Task 7b - Environmental Permitting													
CDFW Streambed Alteration Agreement	1	4	6	4	48	2	65		\$11,000				\$11,000
RWQCB 401 Certification	1	4	6	4	48	2	65		\$11,000				\$11,000
USACE 404 Nationwide Permit	1	2	4	2	40	2	51		\$8,530				\$8,530
Task 7b Subtotal Hours	3	10	16	10	136	6	181						
Task 7b Subtotal Fee	\$ 750	\$2,150	\$3,600	\$1,550	\$21,760	\$720		\$0	\$30,530				\$30,530
TOTAL HOURS TASK 7	4	12	28	10	196	24	274						
TOTAL FEE TASK 7									\$45,670				\$49,818



AGENDA SUMMARY REPORT

SUBJECT: Approval of Notice of Completion for Ghilotti Construction Co. for the Downtown Streetscape Road Diet Project, Specification 19-18, and Direct the City Clerk to File the Notice of Completion with the County Recorder.

DEPARTMENT: Public Works

PREPARED BY: Seth Strader, Buyer I

PRESENTER: Tim Eriksen, Public Works Director/City Engineer

ATTACHMENTS:

1. Spec 19-18 Plans
2. Notice-of-Completion

Summary: Council will consider approving the Notice of Completion for the Downtown Streetscape Road Diet Project, Specification 19-18 and approve final payment of the 5% retention to Ghilotti Construction Co.

Background: The Public Works Department has completed the reconfiguration of traffic lanes, new traffic signals, improved pedestrian facilities like widened sidewalks, bulbouts, ADA accessibility in addition to streetscape features like trees, planters, benches, bicycles racks and expanded outdoor dining.

Discussion: At the February 19, 2020, City Council meeting, Council awarded the Downtown Streetscape Project to Ghilotti Construction Co. for the amount of \$6,448,215.95. The contract price was based on the engineer's estimate provided in the bid package.

With construction crews already mobilized in the area, City staff took the opportunity to increase the scope of this project and put Measure Y sales tax funds to work to repair as many adjacent "poor" and/or "failed" streets as possible. Thus, in addition to the original project scope, expanded portions of Clay Street, Church Street, Smith Street, Perkins Street, and Standley Street were improved with new pavement and sidewalk/ADA enhancements. By including this work in the project, the contractor mobilization, traffic control, and other lump sum costs were avoided a second time. The project scope increases resulted in a revised total contract amount of \$8,562,795.24. This price includes City Council approved Contract Change Order (CCO) #5 for Extension Streets and Sidewalks as agenda item #12d on March 17, 2021, and approval of CCO #13 for Traffic Signal Equipment and other construction conflicts as agenda item #7j on February 16, 2022.

The contract work was completed in conformance with the Project Plans (Attachment 1) on January 11, 2022. Final payment of the retention will be made to the contractor after 35 days from the date the Notice of Completion (Attachment 2) is filed with the County Recorder.

Recommended Action: Approve Notice of Completion for the Downtown Streetscape Road Diet Project, Specification 19-18, and direct the City Clerk to file the Notice of Completion with the County Recorder.

BUDGET AMENDMENT REQUIRED: NO

CURRENT BUDGET AMOUNT: : 10024200.80230.18019: \$2,362,180.00 12024200.80230.18019: \$3,630,762.17 50024220.80230.18019: \$1,371,728.00 50924200.80230.18019: \$57,566.00 80126100.80230.18048: \$76,450.30 80526610.80230.18019: \$392,131.00 82227113.80230.18019: \$224,284.67 84427221.80230.18019: \$447,693.10

PROPOSED BUDGET AMOUNT: N/A

FINANCING SOURCE: N/A

PREVIOUS CONTRACT/PURCHASE ORDER NO.: Contract 1920-216

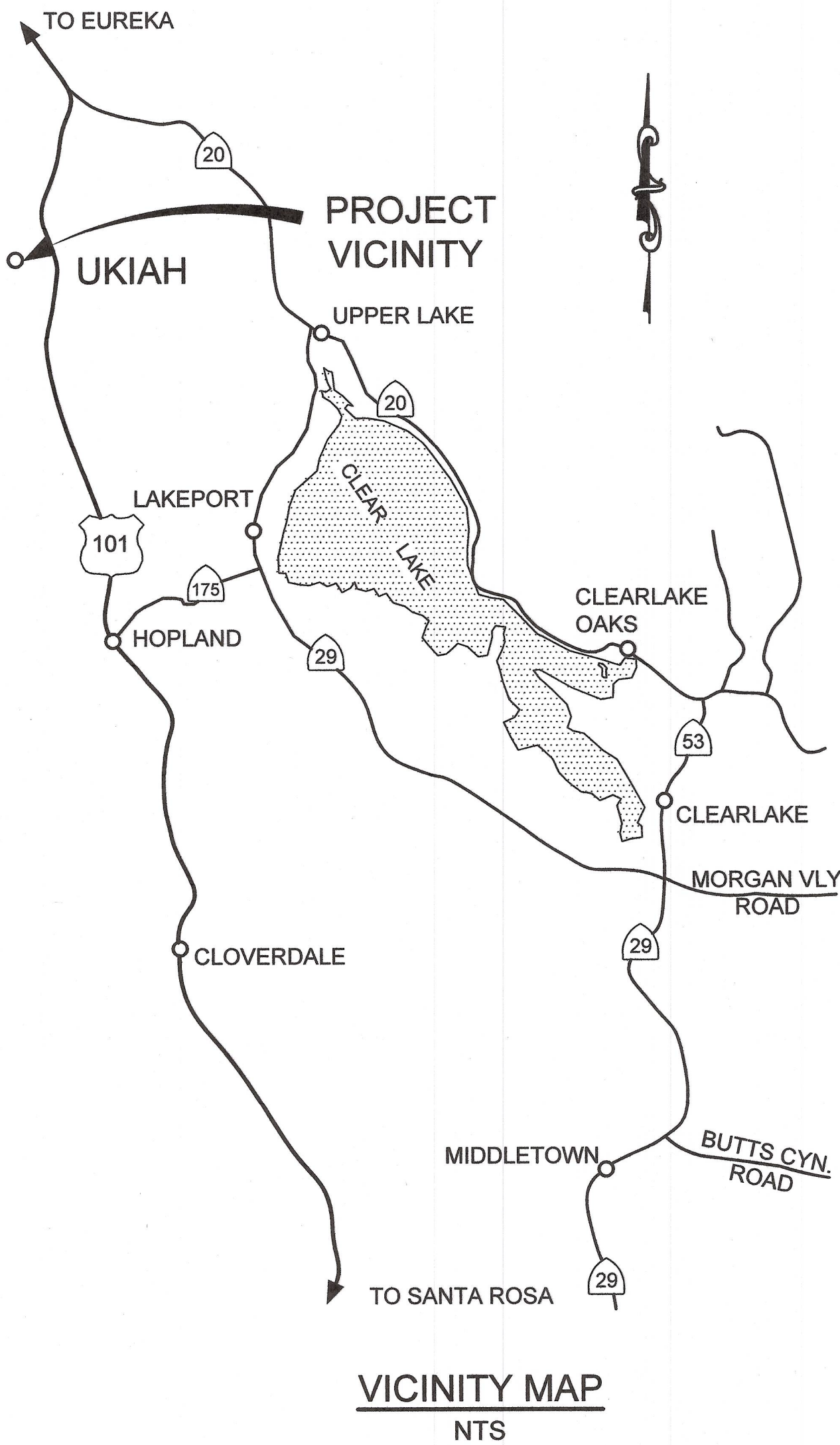
COORDINATED WITH: Jason Benson, Senior Engineer; Andrew Stricklin, Associate Engineer; Tim Eriksen, Director of Public Work/ City Engineer

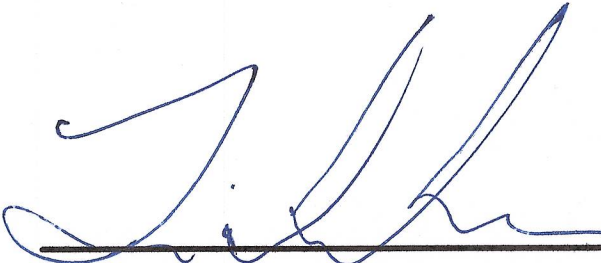
Approved:


Sage Sangiacomo, City Manager

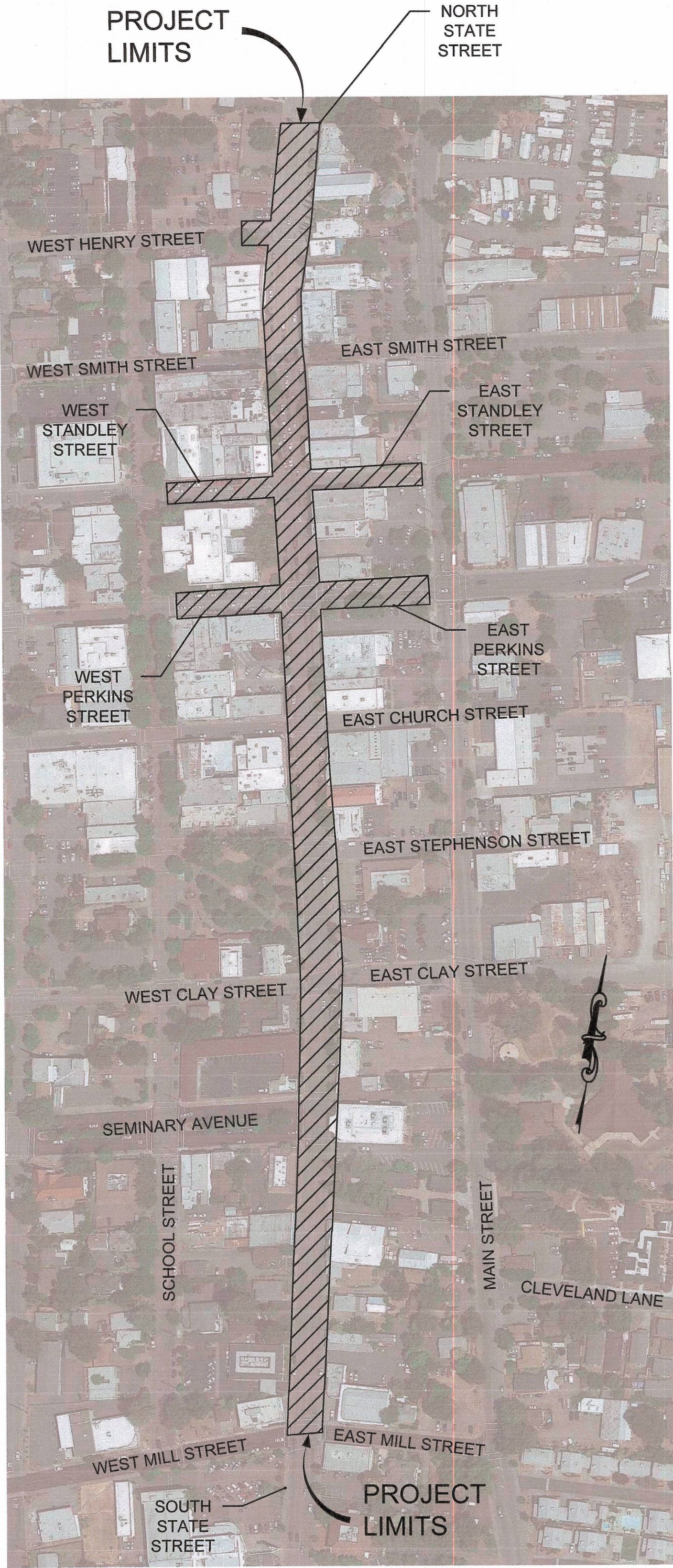
CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT

CONTRACT NO. 1819-173
FEDERAL PROJECT NO. HSIPL - 5049 (026)
NOVEMBER 2019



APPROVED BY: 
TIM ERIKSEN, PE
DIRECTOR OF PUBLIC WORKS/CITY ENGINEER
CITY OF UKIAH, CA

DATE: 11/12/19



LOCATION MAP
NTS

CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
TITLE SHEET

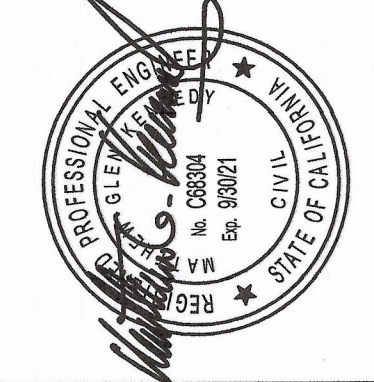
PROJ NO: 11191705

DRWN: CP CHKD: MK

G-001

SHEET 1 OF 121

BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"
REUSE OF DOCUMENTS
This document and the ideas and designs
incorporated herein, as an instrument of
professional service, is the property of GHD
and shall not be reused in whole or in part
for any other project without GHD's written
authorization.
© 2019 GHD



GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95407, USA
T 1 707 523 1010 F 1 707 527 8679
W www.ghd.com

SHEET NO.	DWG NO.	TITLE
GENERAL		
1	G-001	TITLE SHEET
2	G-002	SHEET INDEX AND KEY MAP
3	G-003	NOTES, LEGEND AND ABBREVIATIONS
4	G-004	SURVEY CONTROL DIAGRAM
5	G-005	POTHOLE SCHEDULE AND GEOTECHNICAL BORINGS
6	G-006	TYPICAL SECTIONS - 1
7	G-007	TYPICAL SECTIONS - 2
8	G-008	TYPICAL SECTIONS - 3
EXISTING CONDITIONS		
9	EX-101	EXISTING CONDITION PLAN - STATE STREET - STA 2+00 - STA 11+50
10	EX-102	EXISTING CONDITION PLAN - STATE STREET - STA 11+50 - STA 21+00
11	EX-103	EXISTING CONDITION PLAN - STATE STREET - STA 21+00 - STA 30+00
12	EX-104	EXISTING CONDITION PLAN - PERKINS STREET - STA 50+00 - STA 55+85
13	EX-105	EXISTING CONDITION PLAN - STANDLEY STREET - STA 100+00 - STA 107+00
DEMOLITION		
14	D-101	DEMOLITION PLAN - STATE STREET - STA 2+00 - STA 11+50
15	D-102	DEMOLITION PLAN - STATE STREET - STA 11+50 - STA 21+00
16	D-103	DEMOLITION PLAN - STATE STREET - STA 21+00 - STA 30+00
17	D-104	DEMOLITION PLAN - PERKINS STREET - STA 50+00 - STA 55+85
18	D-105	DEMOLITION PLAN - STANDLEY STREET - STA 100+00 - STA 107+00
UTILITY		
19	U-101	UTILITY PLAN & PROFILE - STATE STREET - STA 2+00 - STA 7+00
20	U-102	UTILITY PLAN & PROFILE - STATE STREET - STA 7+00 - STA 11+50
21	U-103	UTILITY PLAN & PROFILE - STATE STREET - STA 11+50 - STA 16+00
22	U-104	UTILITY PLAN & PROFILE - STATE STREET - STA 16+00 - STA 21+00
23	U-105	UTILITY PLAN & PROFILE - STATE STREET - STA 21+00 - STA 25+50
24	U-106	UTILITY PLAN & PROFILE - STATE STREET - STA 25+50 - STA 30+00
25	U-301	UTILITY CROSSING PLAN AND PROFILE - 1
26	U-302	UTILITY CROSSING PLAN AND PROFILE - 2
CIVIL		
27	C-101	IMPROVEMENT PLAN & PROFILE - STATE STREET - STA 2+00 - STA 7+00
28	C-102	IMPROVEMENT PLAN & PROFILE - STATE STREET - STA 7+00 - STA 11+50
29	C-103	IMPROVEMENT PLAN & PROFILE - STATE STREET - STA 11+50 - STA 16+00
30	C-104	IMPROVEMENT PLAN & PROFILE - STATE STREET - STA 16+00 - STA 21+00
31	C-105	IMPROVEMENT PLAN & PROFILE - STATE STREET - STA 21+00 - STA 25+50
32	C-106	IMPROVEMENT PLAN & PROFILE - STATE STREET - STA 25+50 - STA 30+00
33	C-107	IMPROVEMENT PLAN & PROFILE - PERKINS STREET - STA 50+00 - STA 54+00
34	C-108	IMPROVEMENT PLAN & PROFILE - STANDLEY STREET - STA 100+00 - STA 104+50
35	C-301	CROSS SECTIONS - STA 5+00 - STA 7+50
36	C-302	CROSS SECTIONS - STA 8+00 - STA 10+50
37	C-303	CROSS SECTIONS - STA 11+00 - STA 13+50
38	C-304	CROSS SECTIONS - STA 14+00 - STA 16+50
39	C-305	CROSS SECTIONS - STA 17+00 - STA 19+50
40	C-306	CROSS SECTIONS - STA 20+00 - STA 22+50
41	C-307	CROSS SECTIONS - STA 23+00 - STA 25+50
42	C-308	CROSS SECTIONS - STA 26+00 - STA 27+50
43	C-309	CROSS SECTIONS - PERKINS ST STA 50+50 - STA 52+00
44	C-310	CROSS SECTIONS - STANDLEY ST STA 101+00 - STA 102+50
45	C-401	CURB RAMPS & DRIVEWAYS ENLARGED PLAN - 1
46	C-402	CURB RAMPS & DRIVEWAYS ENLARGED PLAN - 2
47	C-403	CURB RAMPS & DRIVEWAYS ENLARGED PLAN - 3
48	C-404	CURB RAMPS & DRIVEWAYS ENLARGED PLAN - 4
49	C-405	CURB RAMPS & DRIVEWAYS ENLARGED PLAN - 5
50	C-406	CURB RAMPS & DRIVEWAYS ENLARGED PLAN - 6
51	C-407	CURB RAMPS & DRIVEWAYS ENLARGED PLAN - 7
52	C-408	CURB RAMPS & DRIVEWAYS ENLARGED PLAN - 8
53	C-409	CURB RAMPS & DRIVEWAYS ENLARGED PLAN - 9
54	C-501	CIVIL DETAILS - 1
55	C-502	CIVIL DETAILS - 2
56	C-503	CIVIL DETAILS - 3
57	C-504	CIVIL DETAILS - 4
58	C-505	CIVIL DETAILS - 5

DRAWING DESIGNATION:



The diagram shows the breakdown of the drawing designation 'C - 101'. A horizontal line is divided into three segments by vertical tick marks. The first segment is labeled 'DISCIPLINE' and 'SHEET TYPE'. The second segment is labeled 'C' and '1'. The third segment is labeled '0' and '1'. The entire designation is enclosed in a rectangular box.

NUMBER	SHEET TYPE
0	GENERAL
1	PLANS AND TRAFFIC SIGNAL SCHEDULES
3	SECTIONS
4	LARGE SCALE VIEWS
5	DETAILS
6	DIAGRAMS

WORK TO BE PERFORMED IS WITHIN THE CITY OF UKIAH AND GENERALLY CONSISTS OF TRANSPORTATION AND PEDESTRIAN IMPROVEMENTS ON STATE STREET BETWEEN MILL ST AND HENRY STREET. WORK INCLUDES DEMOLITION OF SIDEWALKS, CURB AND GUTTER AND COLD PLANING THE EXISTING ROADWAY SURFACE, ALONG WITH CONSTRUCTION OF NEW CURB AND GUTTER, BULB-OUTS, SIDEWALK, ACCESSIBLE CURB RAMPS, ASPHALT OVERLAY, STORM DRAIN MODIFICATIONS STREET LIGHTING, LANDSCAPING AND TRAFFIC SIGNAL MODIFICATIONS.

DIVISION OF STATE ARCHITECT
ACCESS COMPLIANCE SECTION (DSA/ACS)
1515 CLAY STREET, SUITE 1201
OAKLAND, CA 94612
(510) 622-3127

CITY OF UKIAH
300 SEMINARY AVE
UKIAH, CA 95482
(707) 463-6200

CALTRANS
DIVISION OF LOCAL ASSISTANCE, DISTRICT 1
PO BOX 3700
EUREKA, CA 95502
(707) 441-3977

CALIFORNIA WATER BOARDS
NORTH COAST REGIONAL WATER QUALITY CONTROL
BOARD
5550 SKYLANE BLVD. SUITE A
SANTA ROSA, CA 95403

CITY OF UKIAH STANDARD PLANS

2015 STANDARD SPECIFICATIONS AND STANDARD PLANS
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

2014 CALIFORNIA MANUAL ON UNIFORM TRAFFIC
CONTROL DESIGN REVISION 4 (CA MUTCD REVISION 4)

2018 POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND
STREETS MANUAL

2016 CALIFORNIA BUILDING CODE (CBC)
CALIFORNIA CODE OF REGULATIONS
(CCR) TITLE 24, PART 2

2016 CALIFORNIA ELECTRICAL CODE (CEC)
CALIFORNIA CODE OF REGULATIONS
(CCR) TITLE 24, PART 3

2010 AMERICANS WITH DISABILITIES ACT (ADA) STANDARDS FOR ACCESSIBLE DESIGN (ADAS)

2017 STORM WATER LOW IMPACT DEVELOPMENT
TECHNICAL DESIGN MANUAL

SECTION IDENTIFIER

A-A

DWG ON WHICH SECTION APPEARS

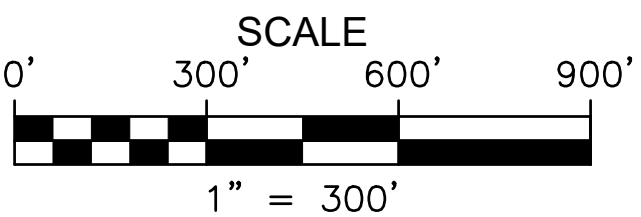
C-101

DETAIL IDENTIFIER

DWG ON WHICH DETAIL APPEARS

A

C-101



CITY STANDARD IDENTIFIER

100

DWG ON WHICH DETAIL APPEARS

C-101

11/12/2019

BAR IS ONE INCH ON
ORIGINAL DRAWING
0  1"

REUSE OF DOCUMENTS

This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.

© 2019 GHD

[illegible]

PROJ NO: 11191705	
DRWN: CP	CHKD: MK
G-002	
SHEET 2	OF 121

- LEGEND:**
- CONTROL POINT,
PK NAIL OR MAG NAIL OR LEAD & TACK OR CUT "X"
 - CONTROL MONUMENT
 - PARCEL LINE
 - ROW
 - ROW CENTERLINE
 - PROJECT CENTERLINE

NOTES:

- BENCHMARK: CINQUINI & PASSARINO CONTROL POINT NO. 1, BEING A SET CUT "X" ON THE TOP OF CONCRETE CURB ON THE EASTERLY SIDE OF SOUTH STATE STREET, APPROXIMATELY 100± FEET NORTH OF E. GOBBI STREET AS SHOWN HEREON. ELEVATION = 612.93' (NAVD 88).
- THE ORTHOMETRIC ELEVATIONS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988) AND WERE DETERMINED BY STATIC GPS TIES TO CGRS STATIONS HOPB, P189 & P190 WITH PUBLISHED ELLIPSOIDAL HEIGHTS OF HOPB = 1160.485, P189 = 582.043' AND P190 = 666.932', IN ADDITION TO APPLYING THE NGS GEOID HEIGHT MODEL "GEOID2012B".
- BASIS OF BEARINGS: THE BASIS OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA COORDINATE SYSTEM, ZONE II, NAD 83, EPOCH 2017.50 AS DETERMINED LOCALLY BY A LINE BETWEEN CONTINUOUS GLOBAL POSITIONING SYSTEMS (CGPS) STATION HOPB AND STATION P190; BEING NORTH 22°12'24" WEST AS DERIVED FROM GEODETIC VALUES PUBLISHED BY THE CALIFORNIA SPATIAL REFERENCE CENTER (CSRC).

POINT TABLE				
POINT NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	2180576.401	6219528.172	612.93	CUT "X"
2	2181346.109	6219392.738	618.77	CUT "X"
3	2183720.772	6219067.196	625.81	CUT "X"
4	2184364.263	6219105.188	624.95	CUT "X"
5	2183563.854	6219072.349	627.13	CUT "X"
6	2183557.260	6218803.565	628.88	MAG NAIL
7	2183335.547	6218862.088	637.69	MAG NAIL
8	2183404.582	6219434.175	625.22	CUT "X"
9	2182943.715	6219462.852	628.92	MAG NAIL
10	2183193.457	6219462.601	627.16	MAG NAIL
11	2183103.746	6219147.313	634.58	MAG NAIL
12	2183013.682	6218615.263	641.10	MAG NAIL
13	2182797.234	6218695.488	639.40	MAG NAIL
14	2182613.473	6218962.934	634.95	MAG NAIL
15	2182424.761	6219035.198	631.30	MAG NAIL
16	2182686.436	6219228.723	632.30	MAG NAIL
17	2182716.339	6219664.896	625.01	CUT "X"
18	2182470.359	6219560.073	620.07	MAG NAIL
19	2182430.964	6219270.666	628.37	CUT "X"
20	2182243.369	6219588.015	619.66	MAG NAIL

POINT TABLE				
POINT NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
21	2182213.626	6219315.283	624.77	MAG NAIL
22	2182124.141	6219043.702	628.58	MAG NAIL
23	2181901.786	6219092.960	625.11	CONTROL MONUMENT
24	2181913.495	6219347.902	621.46	MAG NAIL
25	2181286.071	6219174.923	623.62	MAG NAIL
26	2183149.790	6219306.946	630.96	MAG NAIL
27	2183054.317	6218883.510	639.23	MAG NAIL
28	2183084.377	6219035.396	636.31	MAG NAIL
29	2182885.577	6218961.479	636.85	MAG NAIL
30	2182893.523	6219254.613	633.62	CUT "X"
31	2182913.388	6219061.169	636.06	CUT "X"
32	2183011.661	6219148.791	634.75	CUT "X"
33	2183337.025	6219108.616	634.43	MAG NAIL
34	2183390.402	6219152.547	633.43	MAG NAIL
35	2183210.816	6219135.653	634.94	MAG NAIL
58	2183756.335	6219133.110	626.08	1/2" IRON PIPE
75	2181229.238	6219026.065	625.98	1/2" IRON PIPE
100	2181183.699	6219471.711	617.09	CUT "X"
101	2181399.998	6219487.607	618.47	CUT "X"
102	2181616.812	6219432.378	619.47	CUT "X"

POINT TABLE				
POINT NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
103	2181618.884	6219374.723	619.59	CUT "X"
104	2181512.220	6219384.960	619.38	CUT "X"
105	2181811.313	6219414.711	620.30	CUT "X"
106	2182203.254	6219384.947	624.20	CUT "X"
107	2182064.292	6219335.471	622.91	MAG NAIL
108	2182384.058	6219342.488	627.01	CUT "X"
109	2182702.964	6219278.928	631.31	CUT "X"
110	2182485.222	6219436.690	624.28	CUT "X"
111	2182559.243	6219245.767	630.66	CUT "X"
112	2182556.027	6219308.341	629.43	CUT "X"
113	2182776.452	6219206.734	633.47	CUT "X"
150	2181383.154	6219425.119	618.42	CONTROL MONUMENT
4569	2183283.748	6219174.860	634.29	MAG NAIL
5490	2183203.529	6219190.932	634.22	CUT "X"
90032	2183477.463	6219079.986	631.18	CUT "X"

**CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
SURVEY CONTROL DIAGRAM**

PROJ NO: 11191705

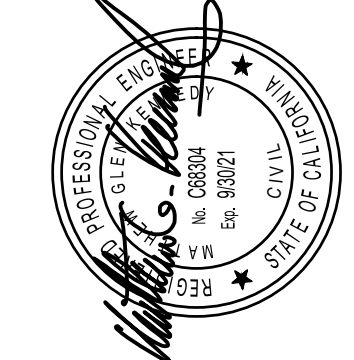
DRWN: CP CHKD: MK

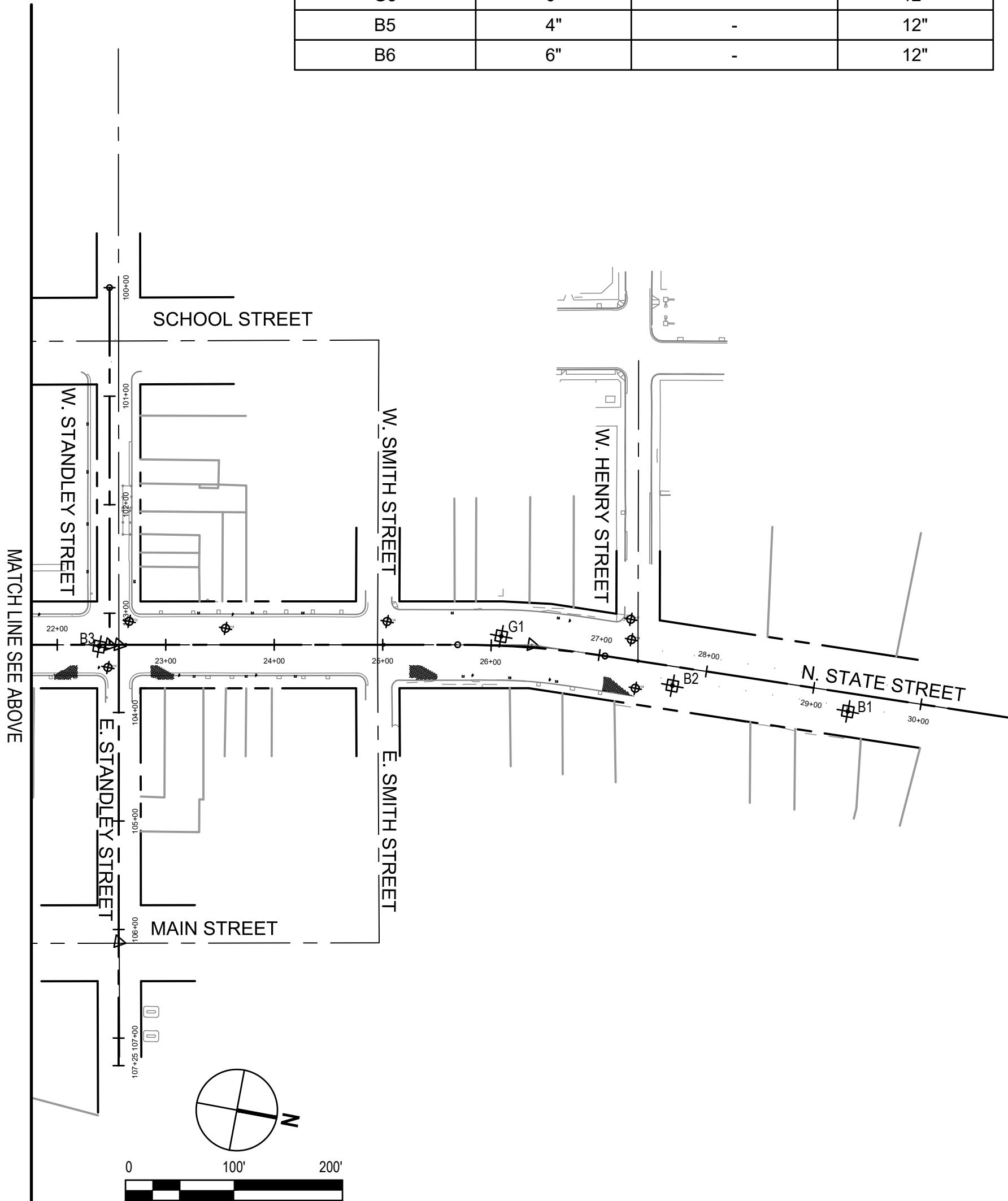
G-004

SHEET 4 OF 121

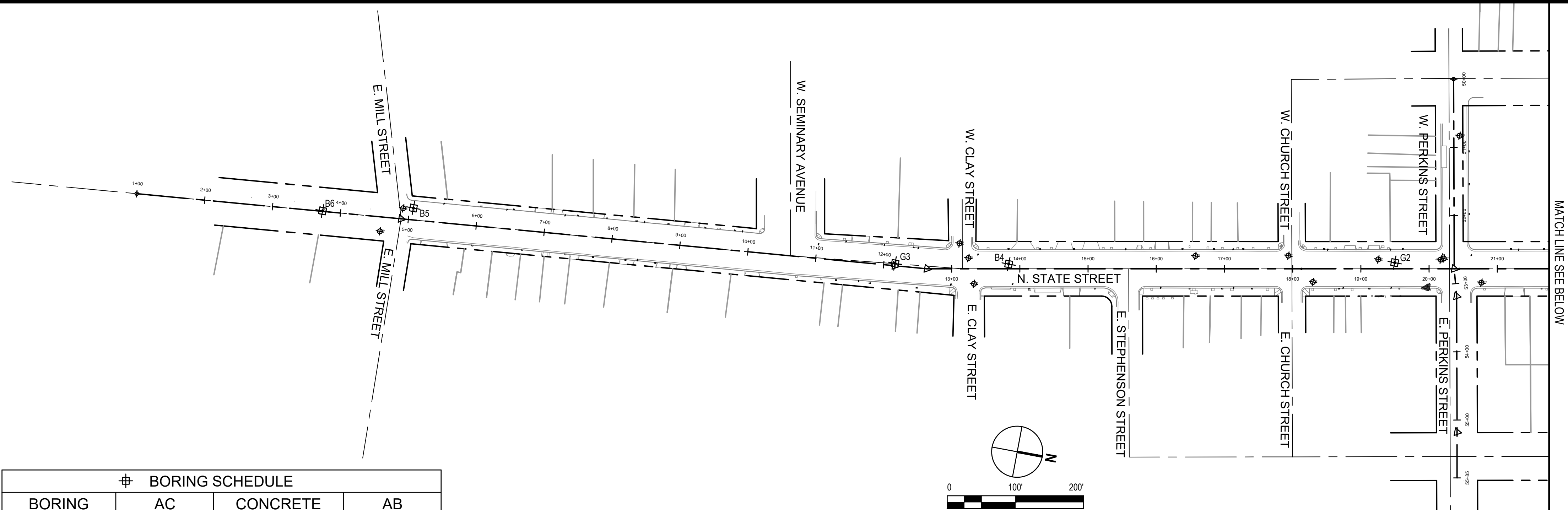
BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"
REUSE OF DOCUMENTS
This document and the ideas and designs
incorporated herein, as an instrument of
professional service, is the property of GHD
and shall not be reused in whole or in part
for any other project without GHD's written
authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	11/12/2019			





BORING SCHEDULE			
BORING	AC	CONCRETE	AB
B1	-	8"	8"
B2	-	8"	8"
G1	-	8"	10"
B3	2"	6"	10"
G2	2"	6"	12"
B4	6"	-	18"
G3	6"	-	12"
B5	4"	-	12"
B6	6"	-	12"



POTHOLE SCHEDULE							
POTHOLE NO.	DATE	LOCATION (#, STREET/AREA)	UTILITY	DESCRIPTION OF UTILITY	DEPTH TO TOP OF PIPE	ASPHALT CONCRETE DEPTH	AB DEPTH
PH1	9/11/19	SOUTH EAST CORNER OF SOUTH STATE STREET AND WEST MILL STREET	GAS	2" BLACK TAR COATED STEEL	3'-4"	4" ASPHALT	SAND TO PIPE
			WATER	6" GREY ASBESTOS CONCRETE	2'-7"		
PH2		NORTH WEST CORNER SOUTH STATE STREET AND EAST MILL STREET	GAS	2" BLACK TAR COATED STEEL	3'-6"	7" ASPHALT 10" SLURRY	DIRT TO PIPE
PH3		SOUTH WEST CORNER OF SOUTH STATE STREET AND WEST CLAY STREET	WATER	8" GREY ASBESTOS CONCRETE	3'-2"	5" ASPHALT	AB TO PIPE
PH4		NORTH WEST CORNER OF SOUTH STATE STREET AND WEST CLAY STREET	COMMUNICATION	4" GREY ASBESTOS CONCRETE	2'-3"	5" ASPHALT	AB TO PIPE
			COMMUNICATION	4" GREY PLASTIC	2'-4"		
			GAS	8" BLACK STEEL	2'-10"		
PH5		NORTH EAST CORNER OF SOUTH STATE STREET AND EAST CLAY STREET	GAS	2" YELLOW PLASTIC COATED STEEL	2'-9"	5" ASPHALT 7" CONCRETE	DIRT AND SAND TO PIPE
			WATER	6" GREY ASBESTOS CONCRETE	3'-6"		
			GAS	¾" ORANGE PLASTIC	2'-1"		
PH6		IN FRONT OF 210 SOUTH STATE STREET	WATER	12" GREY ASBESTOS CONCRETE	3'-8"	7" ASPHALT	AB TO PIPE
			GAS	2" BLACK TAR COATED STEEL	3'-0"		
PH7		SOUTH WEST CORNER OF SOUTH STATE STREET AND WEST CHURCH STREET	GAS	2" BLACK TAR COATED STEEL	3'-0"	7" ASPHALT	DIRT TO PIPE
			WATER	12" GREY ASBESTOS CONCRETE	4'-10"		
PH8		IN FRONT OF 115 SOUTH STATE STREET	GAS	3" BLACK TAR COATED STEEL	1'-9"	5" ASPHALT 7" CONCRETE 9" SLURRY	-
PH9		ACROSS FROM 107 SOUTH STATE STREET	GAS	¾" BLACK STEEL	2'-2.5"	5" ASPHALT 9" SLURRY	SAND TO PIPE
PH10		SOUTH WEST CORNER OF SOUTH STATE STREET AND PERKINS STREET	GAS	4" ORANGE PLASTIC COATED STEEL	2'-8"	5" ASPHALT	DIRT TO PIPE
			JOINT TRENCH	4" BLACK STEEL	1'-8"		
			JOINT TRENCH	2 X 2" WHITE PLASTIC	5'-7"		
PH11		SOUTH WEST CORNER OF SOUTH STATE STREET AND PERKINS STREET	JOINT TRENCH	6" GREY PLASTIC	5'-4"	5" ASPHALT	DIRT TO PIPE
			JOINT TRENCH	4" GREY PLASTIC	5'-0"		
PH12		NORTH EAST CORNER OF NORTH STATE STREET AND PERKINS STREET	GAS	4" BLACK STEEL	1'-6"	5" ASPHALT	AB TO PIPE
PH13		NORTH WEST CORNER OF NORTH STATE STREET AND WEST STANDLEY STREET	GAS	2" ORANGE PLASTIC	4'-5"	5" ASPHALT 12" CONCRETE	AB TO PIPE
			WATER	12" ASBESTOS CONCRETE	3'-6"		
PH14		SOUTH EAST CORNER OF NORTH STATE STREET AND EAST STANDLY STREET	GAS	4" BLACK STEEL	2'-4"	7" ASPHALT 5" SLURRY	ROCK AND DIRT TO PIPE
PH15		IN FRONT OF 246 NORTH STATE STREET	GAS	1" BLACK TAR COATED STEEL	2'-0"	5" ASPALT	AB TO PIPE
PH16		NORTH WEST CORNER OF NORTH STATE STREET AND WEST SMITH STREET	GAS	6" BLACK TAR COATED STEEL	3'-1"	10" CONCRETE	ROCK AND DIRT TO PIPE
PH17		SOUTH WEST CORNER OF NORTH STATE STREET AND WEST HENRY STREET	GAS	2" BLACK TAR COATED STEEL	2'-5"	2" ASPHALT	AB TO PIPE
			WATER	12" BLACK WRAPPED STEEL	2'-1"		
PH18		IN THE CENTER OF NORTH STATE STREET AND HENRY STREET	GAS	2" BLACK TAR COATED STEEL	2'-8"	10" CONCRETE	ROCK AND DIRT TO PIPE
PH19		EAST SIDE OF THE INTERSECTION OF NORTH STATE STREET AND WEST HENRY STREET	GAS	2" BLACK TAR COATED STEEL	2'-10"	9" CONCRETE	DIRT TO PIPE
PH20		IN FRONT OF 113 WEST PERKINS STREET	GAS	1¼" BLACK TAR COATED	2'-4"	6" ASPHALT	SAND TO PIPE

CITY OF UKIAH
DOWNTOWN STREETScape AND
ROAD DIET PROJECT

POTHOLE SCHEDULE
AND GEOTECHNICAL BORINGS

PROJ NO: 11191705
DRWN: CP CHKD: MK

G-005

SHEET 5 OF 121



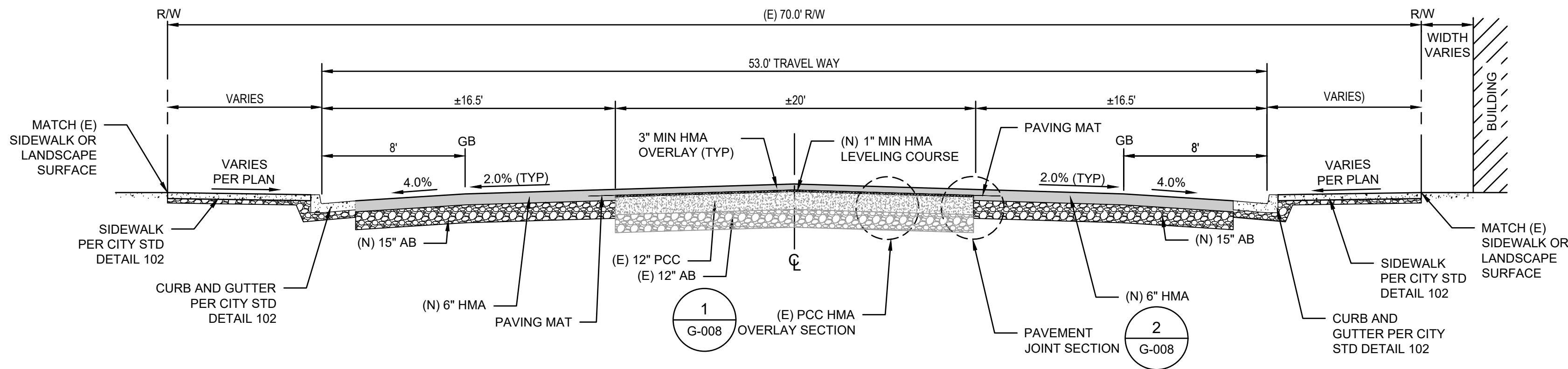
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"

REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

GHD Inc.
2235 Mercury Way, Suite 150
Santa Clara, California 95050, USA
Tel: 408.551.0100 F: 408.527.8879
W: www.ghd.com

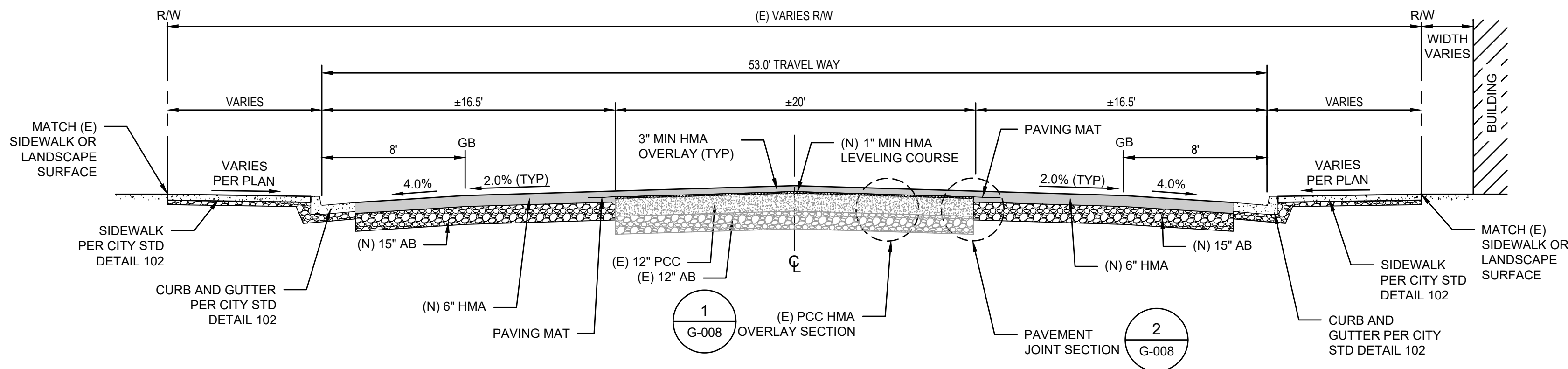
11/12/2019

2019-11-11 3:07 PM KHARVEY
NAUS\SANTA ROSA\PROJECTS\5611119\705\DIGITAL_DESIGN\ACAD 2018\SHEETS\GENERAL\11191705_G-006.DWG



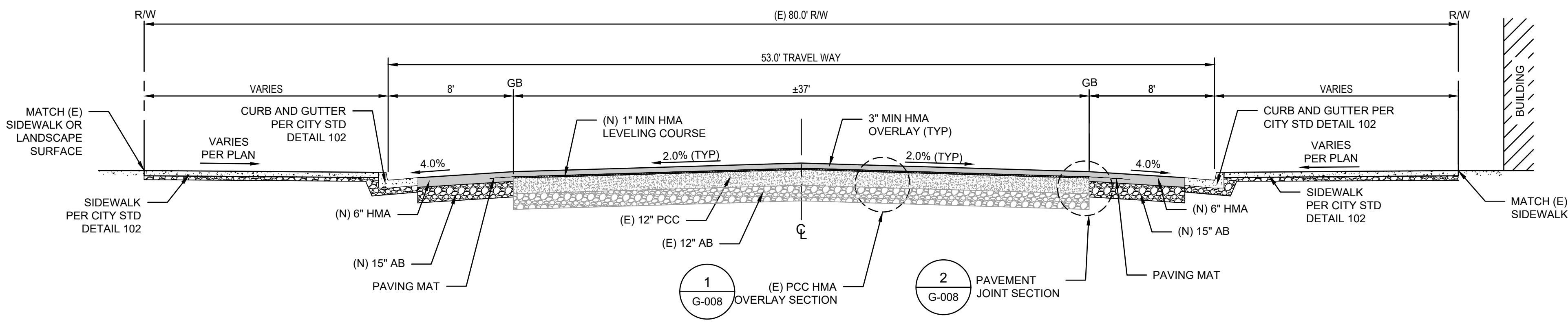
NOTE:
REMOVE EXISTING ASPHALT PLACED ON EXISTING CONCRETE PAVEMENT.

A STATE STREET STA 5+00 TO STA 11+00
G-006 SCALE: NTS



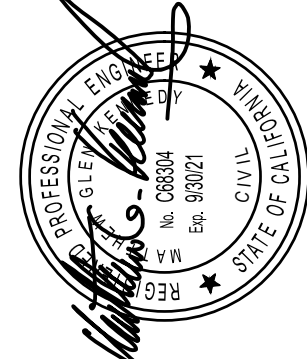
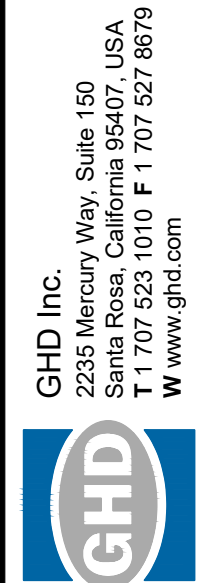
NOTE:
REMOVE EXISTING ASPHALT PLACED ON EXISTING CONCRETE PAVEMENT.

B STATE STREET STA 11+00 TO STA 13+00
G-006 SCALE: NTS



NOTE:
REMOVE EXISTING ASPHALT PLACED ON EXISTING CONCRETE PAVEMENT.

C STATE STREET STA 13+00 TO STA 14+90
G-006 SCALE: NTS



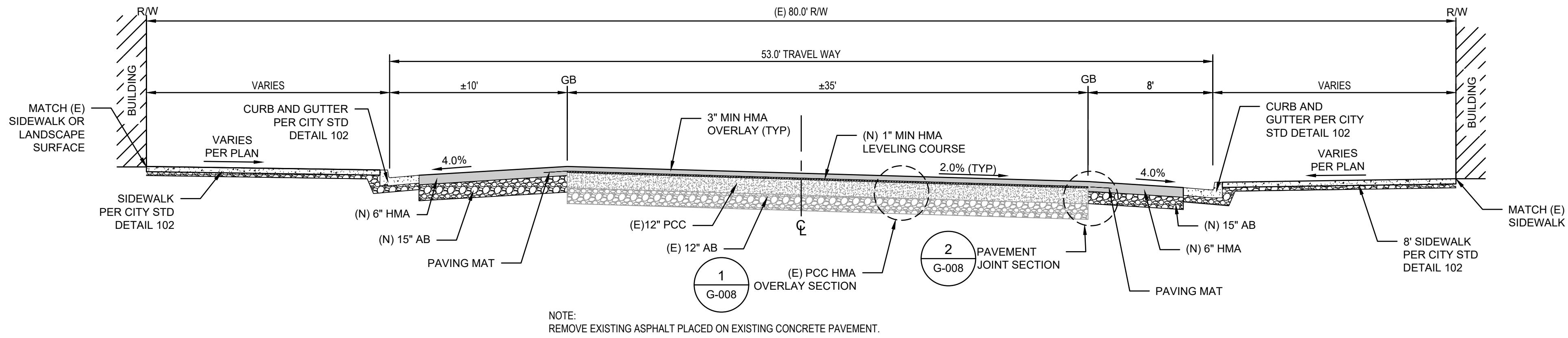
REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	11/12/2019			

**CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
TYPICAL SECTIONS - 1**

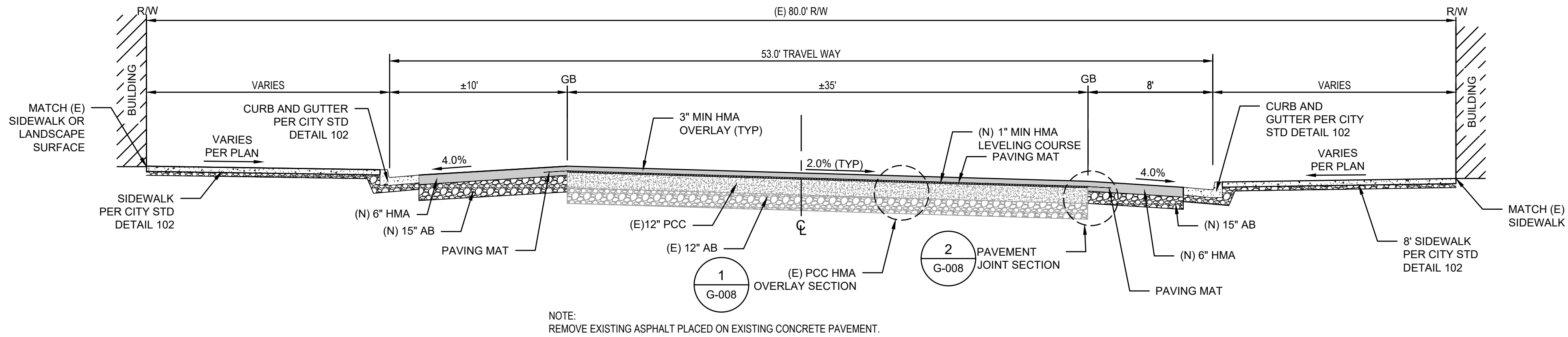
PROJ NO:	11191705
DRWN: CP	CHKD: MK
G-006	
SHEET 6	OF 121

2019-11-11 3:07 PM KHARVEY
NAUS\SANTA ROSA\PROJECTS\5611119\705\DIGITAL_DESIGN\ACAD 2018\SHEETS\GENERAL\11191705_G-006.DWG



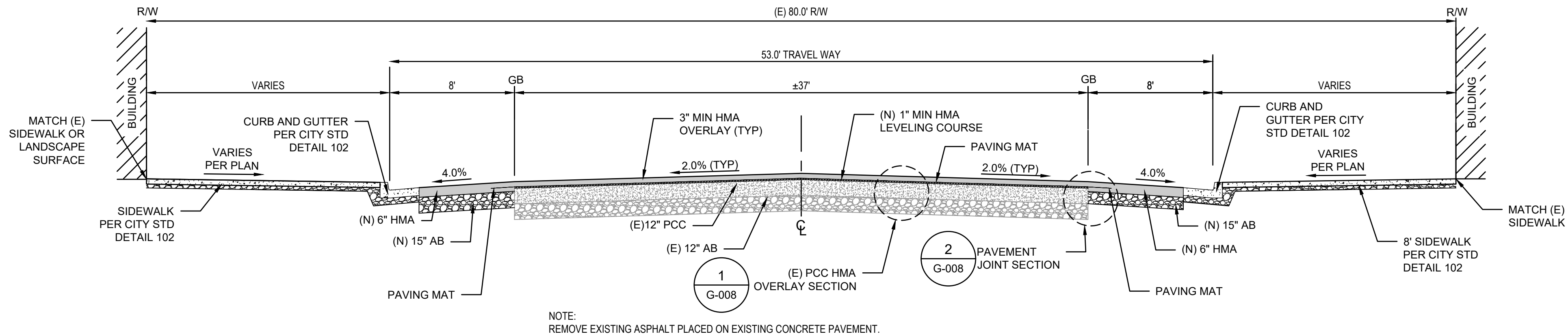
NOTE:
REMOVE EXISTING ASPHALT PLACED ON EXISTING CONCRETE PAVEMENT.

A STATE STREET STA 16+00 TO STA 25+00
G-007 SCALE: NTS



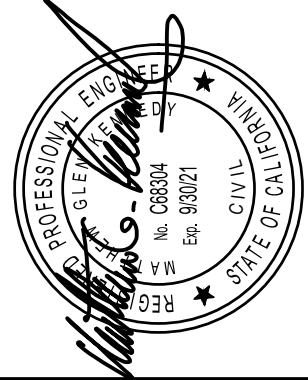
NOTE:
REMOVE EXISTING ASPHALT PLACED ON EXISTING CONCRETE PAVEMENT.

B STATE STREET STA 25+00 TO STA 27+50
G-007 SCALE: NTS



NOTE:
REMOVE EXISTING ASPHALT PLACED ON EXISTING CONCRETE PAVEMENT.

C STATE STREET STA 25+00 TO STA 27+50
G-007 SCALE: NTS



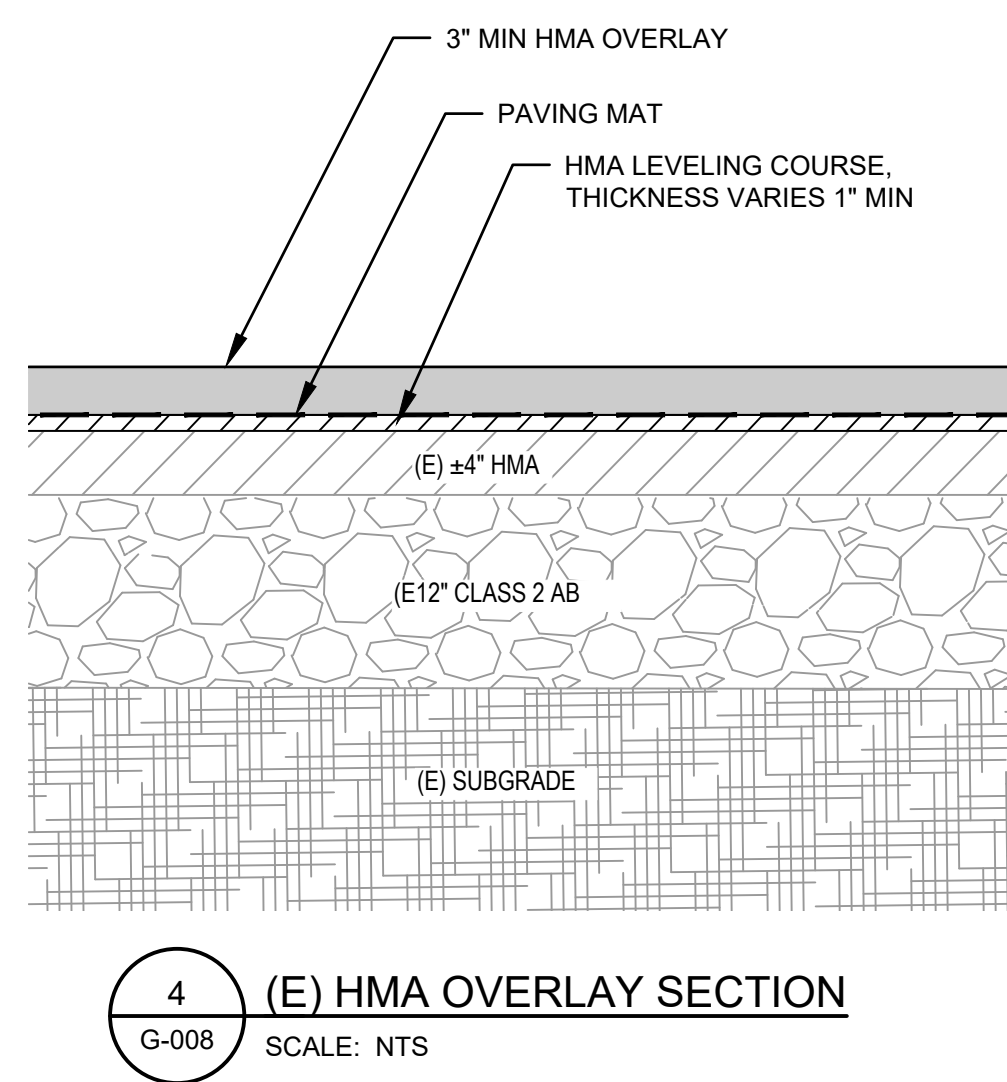
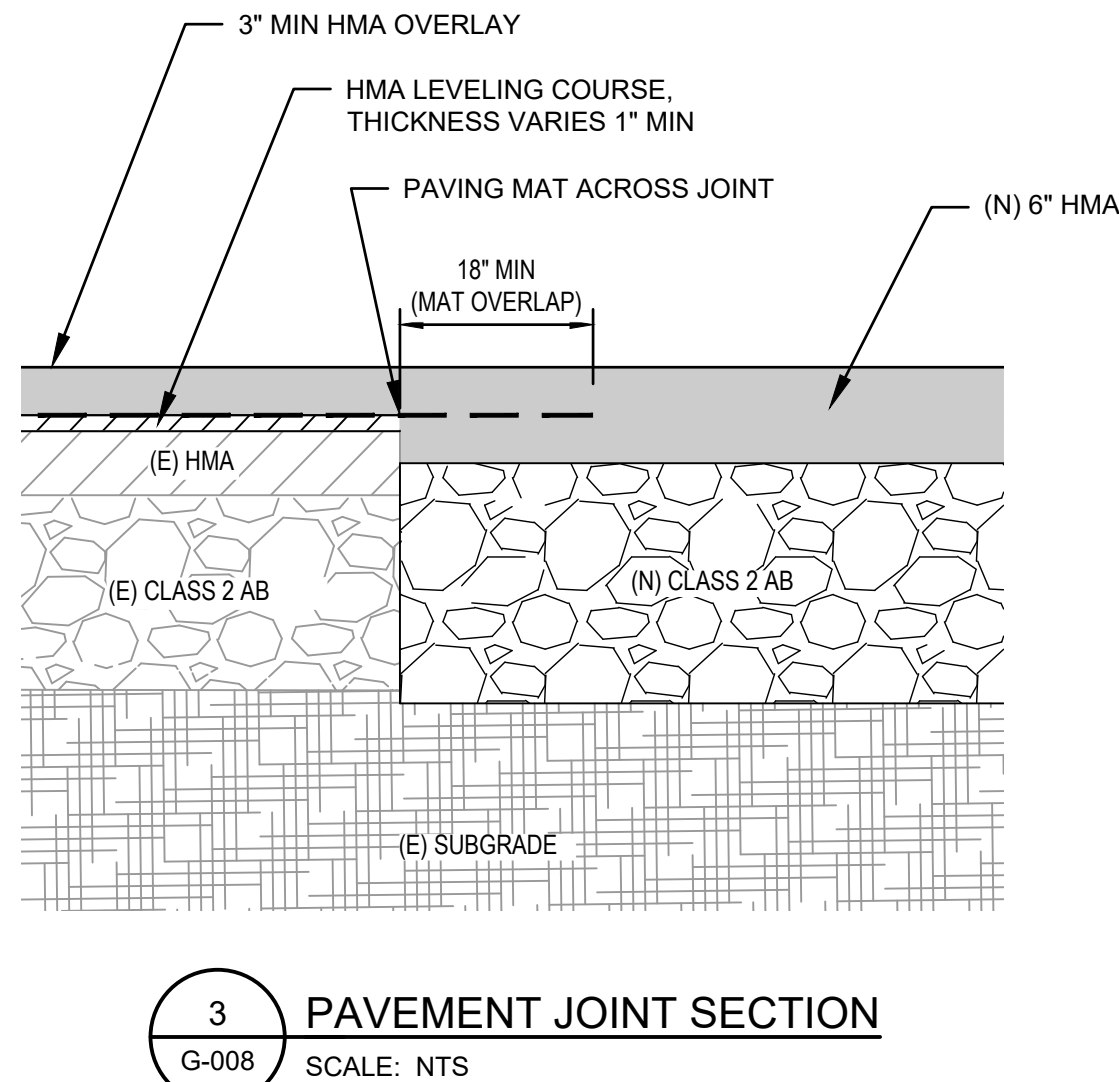
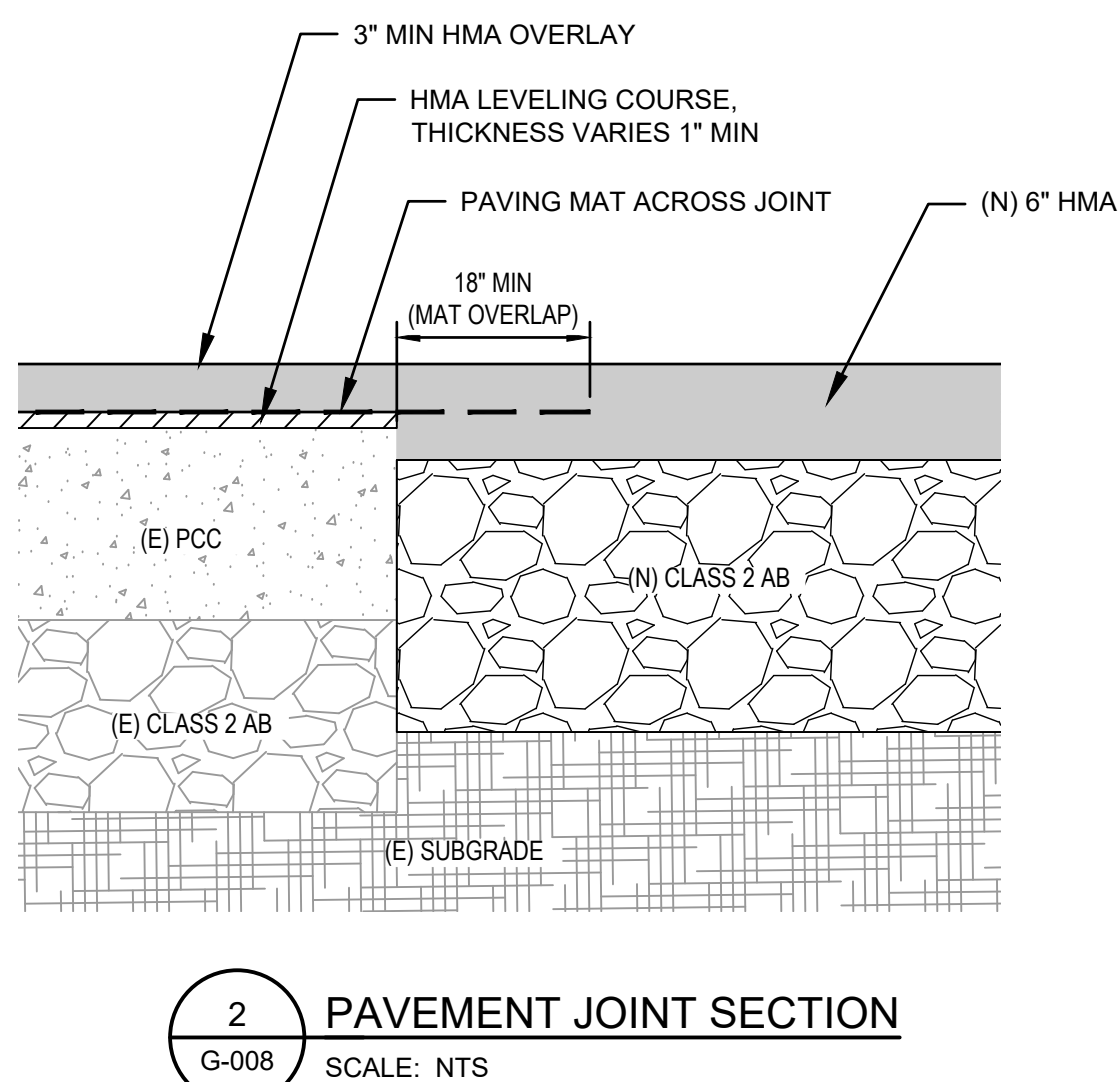
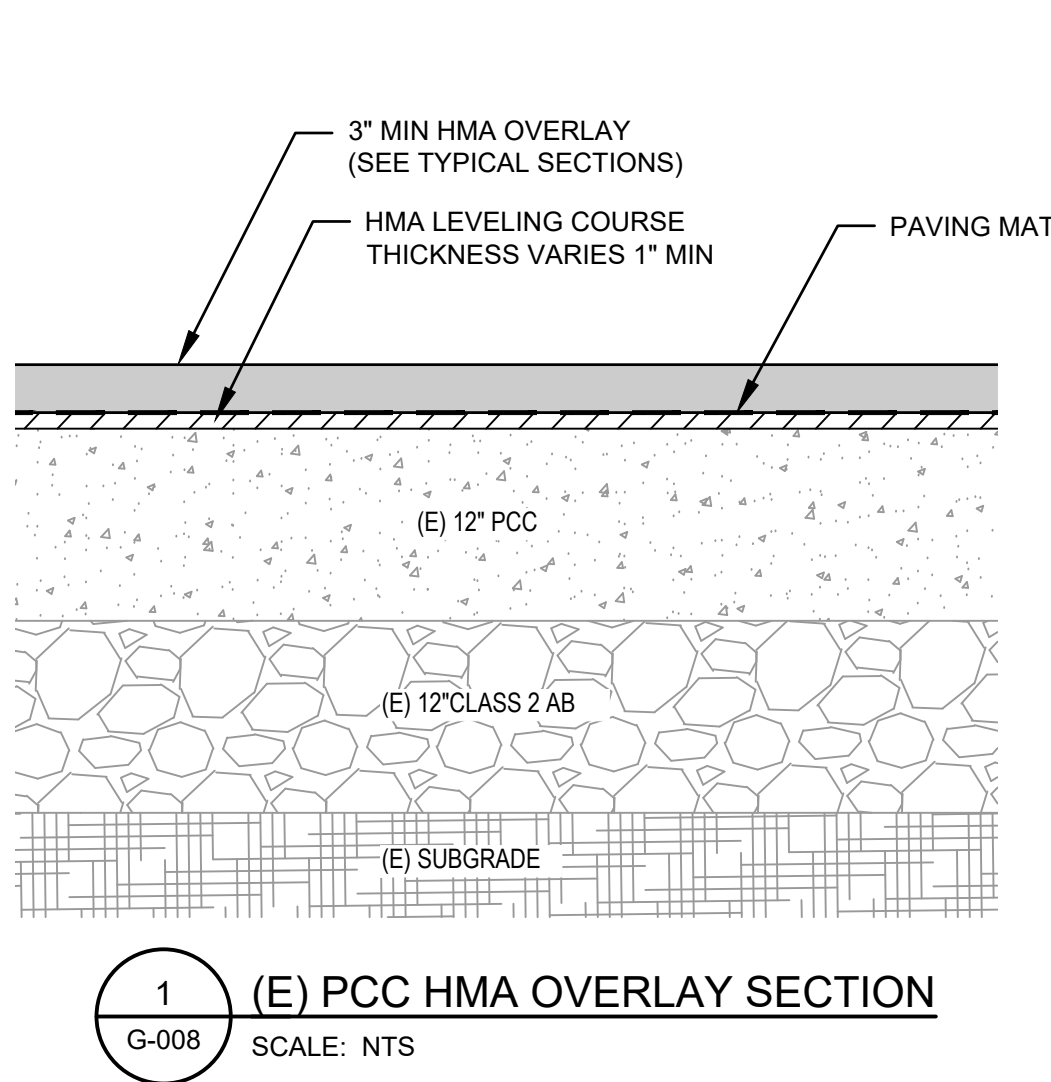
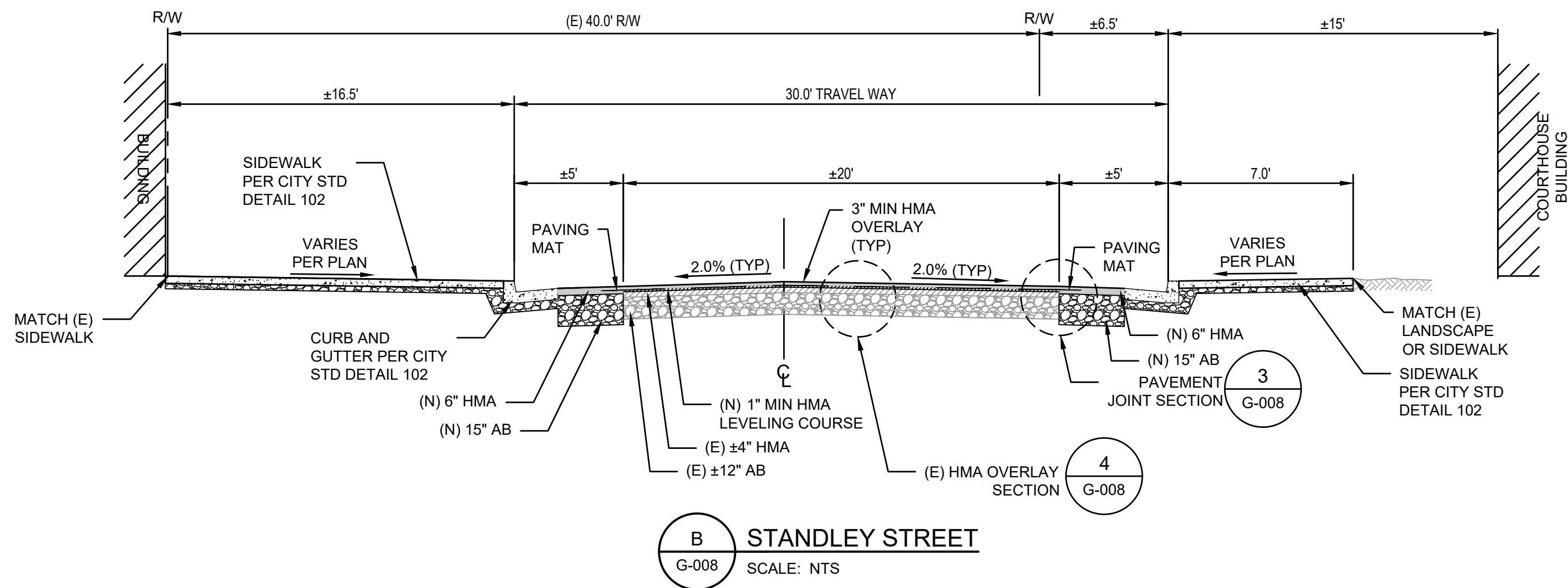
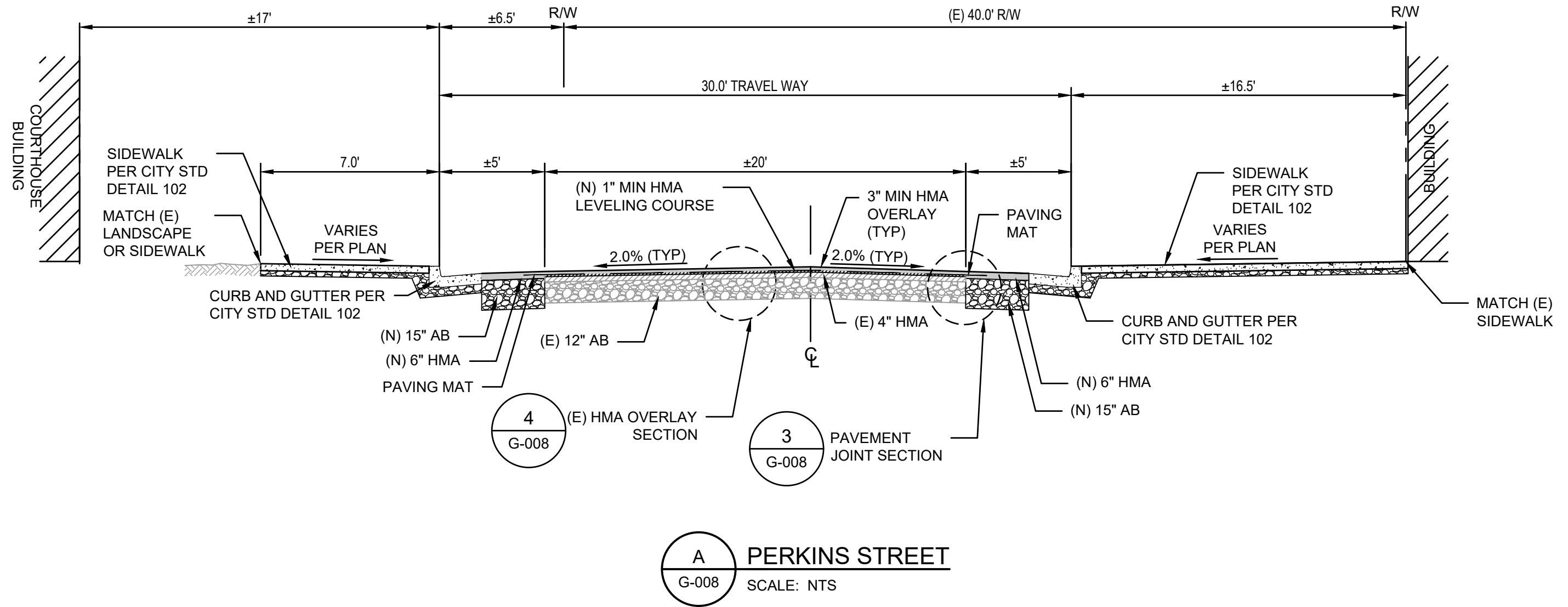
BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"
REUSE OF DOCUMENTS
This document and the ideas and designs
incorporated herein, as an instrument of
professional service, is the property of GHD
and shall not be reused in whole or in part
for any other project without GHD's written
authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	11/12/2019			

**CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
TYPICAL SECTIONS - 2**

PROJ NO:	11191705
DRWN: CP	CHKD: MK
G-007	
SHEET 7	OF 121

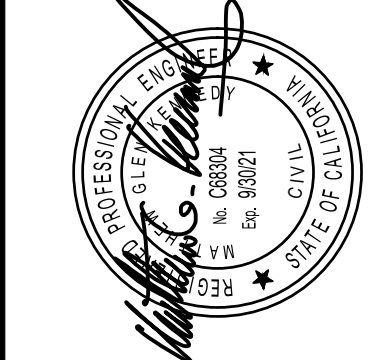
2019-11-11 3:07 PM KHARVEY
NAUSSANTA ROSA PROJECTS\5611119\705\DIGITAL_DESIGN\ACAD 2018\SHEETS\GENERAL\11191705_G-006.DWG



CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
TYPICAL SECTIONS - 3

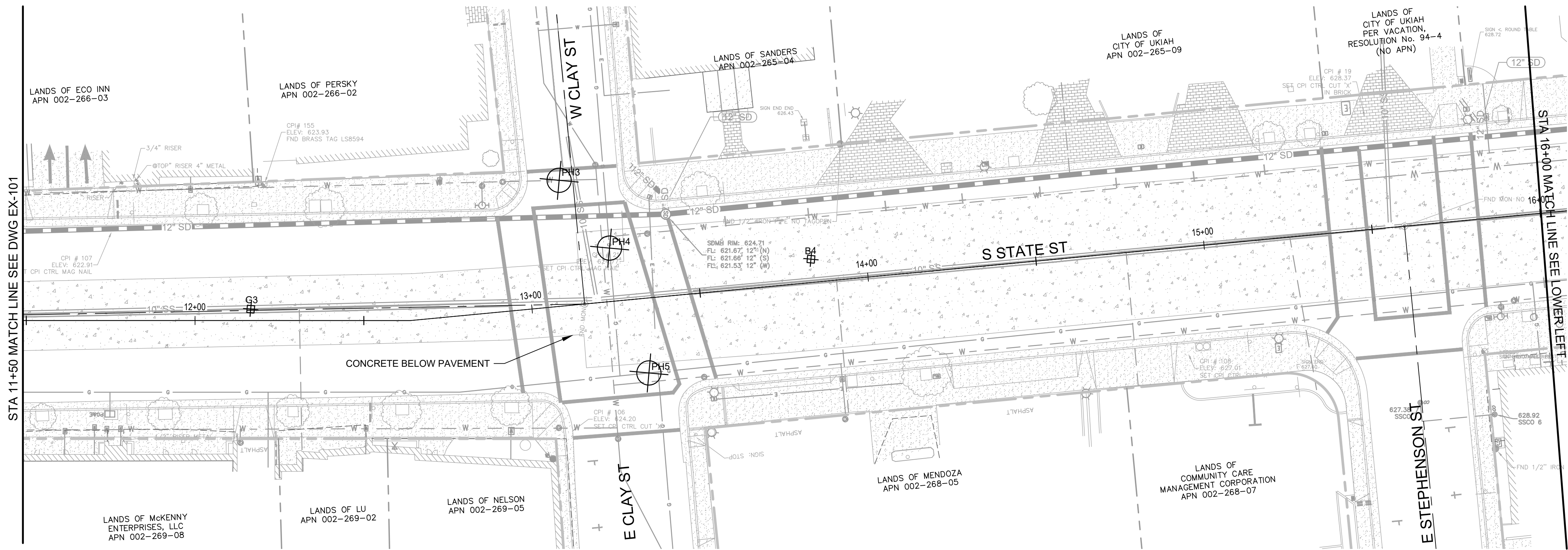
PROJ NO: 11191705
DRWN: CP CHKD: MK
G-008
SHEET 8 OF 121

REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD



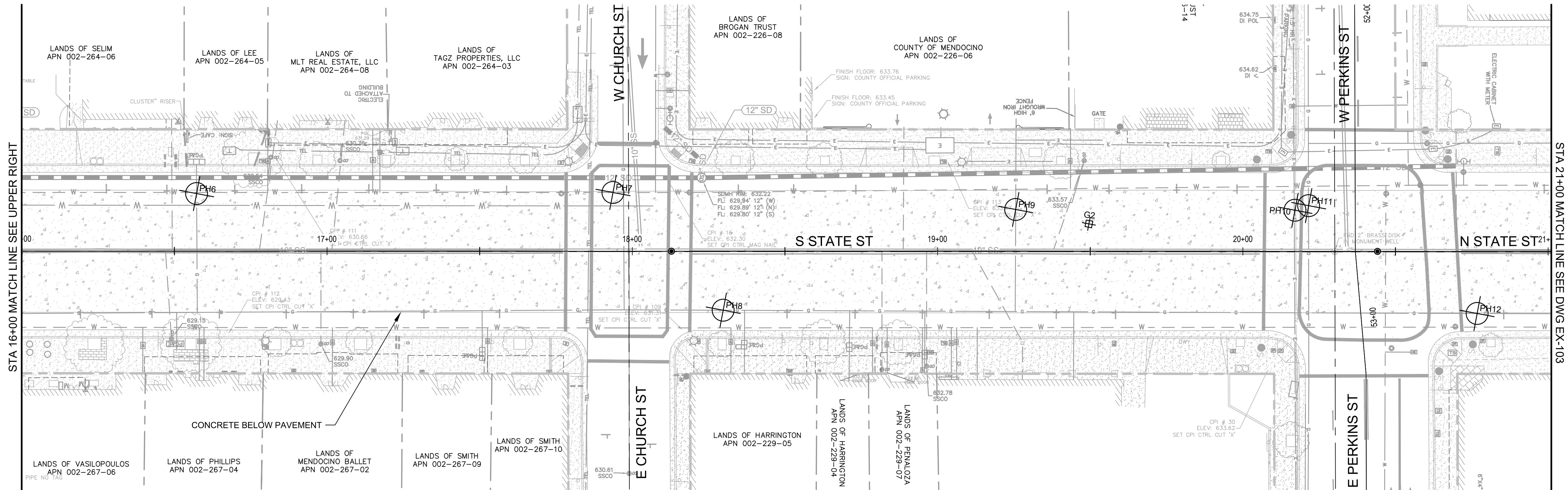
GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95403, USA
T 707 527 5270 F 707 527 5879
W www.ghd.com

2019-11-11 3:08 PM KHARVEY
NAUSSANTA ROSA\PROJECTS\5611119\705\DIGITAL_DESIGN\ACAD 2018\SHEETS\CIVIL\1191705_EX-101.DWG



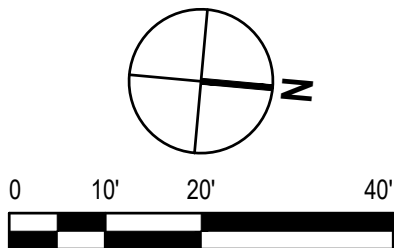
EXISTING CONDITION PLAN STATE STREET

SCALE: 1" = 20'



EXISTING CONDITION PLAN STATE STREET

SCALE: 1" = 20'



CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
EXISTING CONDITION PLAN
STATE STREET STA. 11+50 - STA. 21+00

PROJ NO: 11191705
DRWN: CP CHKD: JS

EX-102

SHEET 10 OF 121

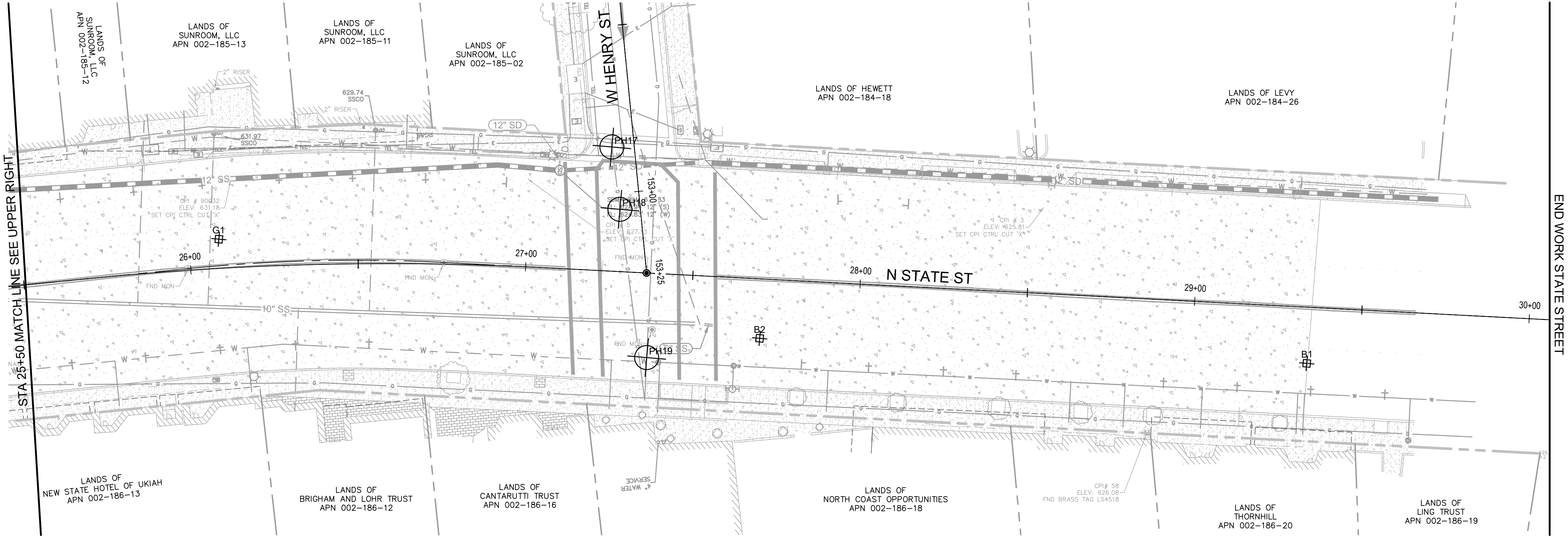
BAR IS ONE INCH ON
ORIGINAL DRAWING

REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

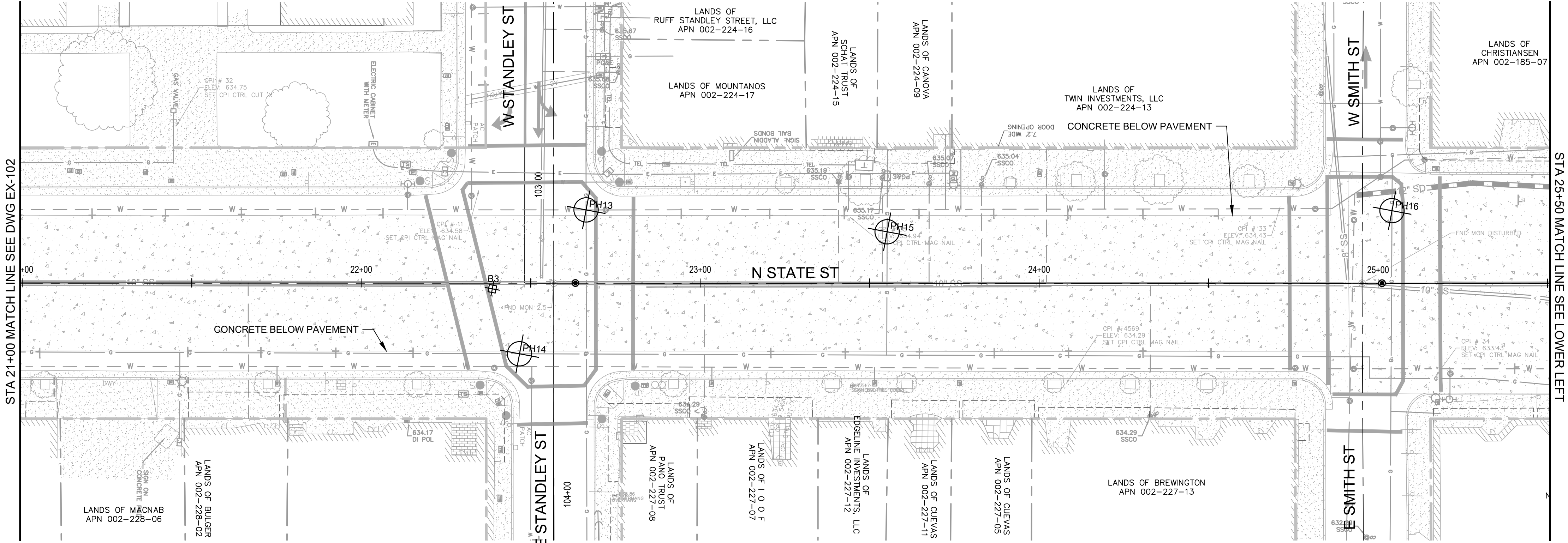
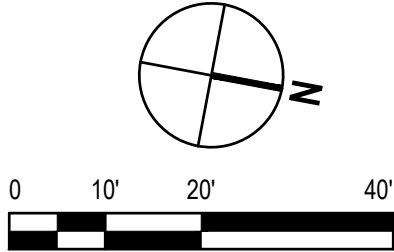


GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95407 USA
Tel: 707.527.1000 Fax: 707.527.18679
W www.ghd.com

2019-11-11 3:08 PM KHARVEY
NAUSSANTA ROSA PROJECTS\5611191705\DIGITAL_DESIGN\ACAD 2018\SHEETS\CIVIL\1191705_EX-101.DWG



EXISTING CONDITION PLAN STATE STREET
SCALE: 1" = 20'



EXISTING CONDITION PLAN STATE STREET
SCALE: 1" = 20'

CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
EXISTING CONDITION PLAN
STATE STREET STA. 21+00 - STA. 30+00

PROJ NO: 11191705
DRWN: CP CHKD: JS

EX-103

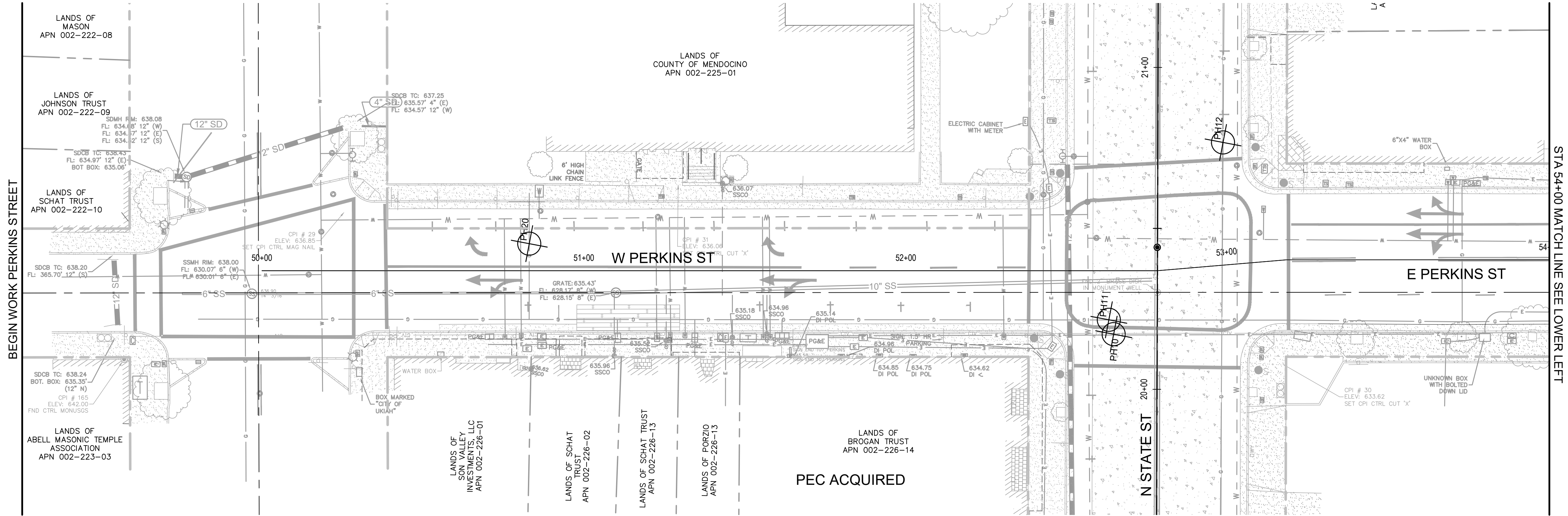
SHEET 11 OF 121

BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"
REUSE OF DOCUMENTS
This document and the ideas and designs
incorporated herein, as an instrument of
professional service, is the property of GHD
and shall not be reused in whole or in part
for any other project without GHD's written
authorization.
© 2019 GHD



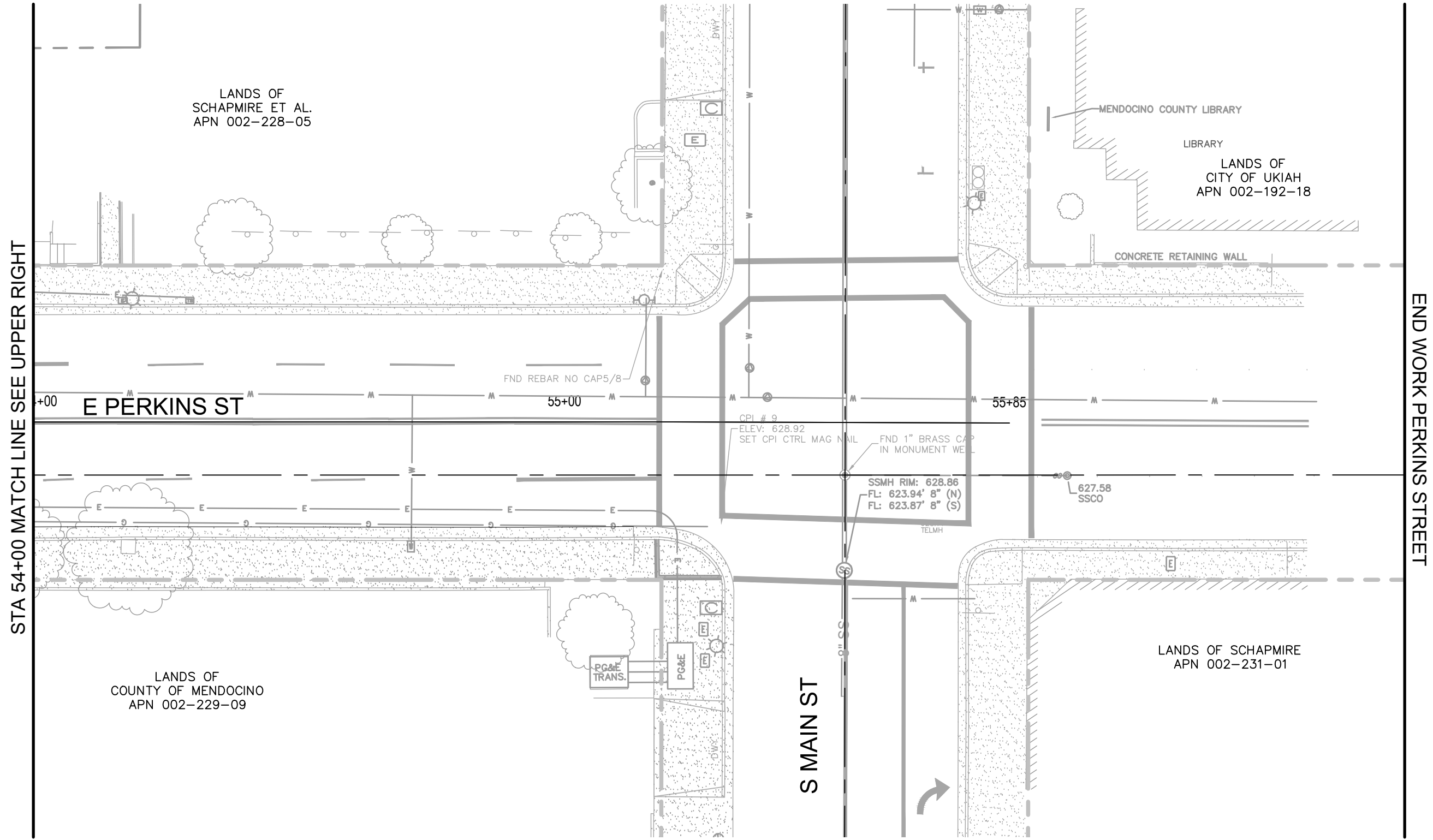
GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95405, USA
Tel: 707.527.1000 Fax: 707.527.1869
W www.ghd.com

2019-11-11 3:08 PM KHARVEY
NAUSSANTA ROSA\PROJECTS\5611119\705\DIGITAL_DESIGN\ACAD 2018\SHEETS\CIVIL\1191705_EX-101.DWG



EXISTING CONDITION PLAN PERKINS STREET

SCALE: 1" = 20'



EXISTING CONDITION PLAN PERKINS STREET

SCALE: 1" = 20'

PROJ NO: 11191705

DRWN: CP CHKD: JS

EX-104

SHEET 12 OF 121

CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
EXISTING CONDITION PLAN
PERKINS STREET STA. 50+00 - STA. 55+85

MARK	DATE	DESCRIPTION	ISSUE
	10/24/2019	BISQUE FOR BIDS	

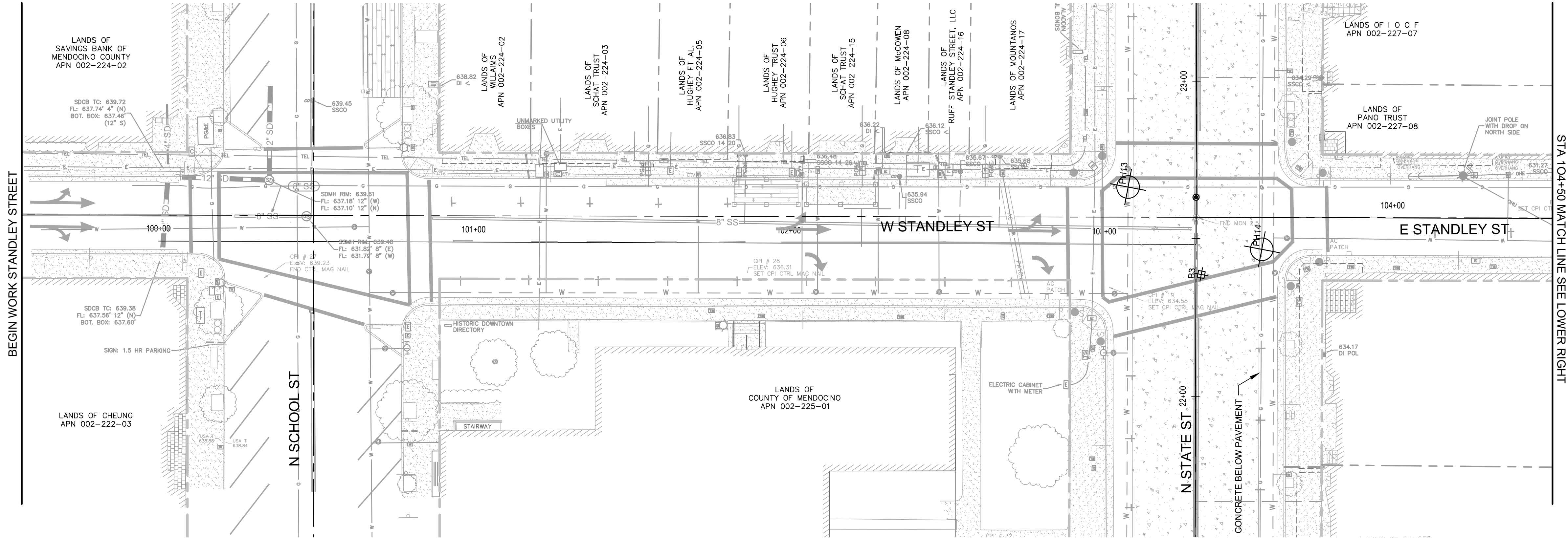
BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1" 40'

REUSE OF DOCUMENTS
This document and the ideas and designs
incorporated herein, as an instrument of
professional service, is the property of GHD
and shall not be reused in whole or in part
for any other project without GHD's written
authorization.
© 2019 GHD



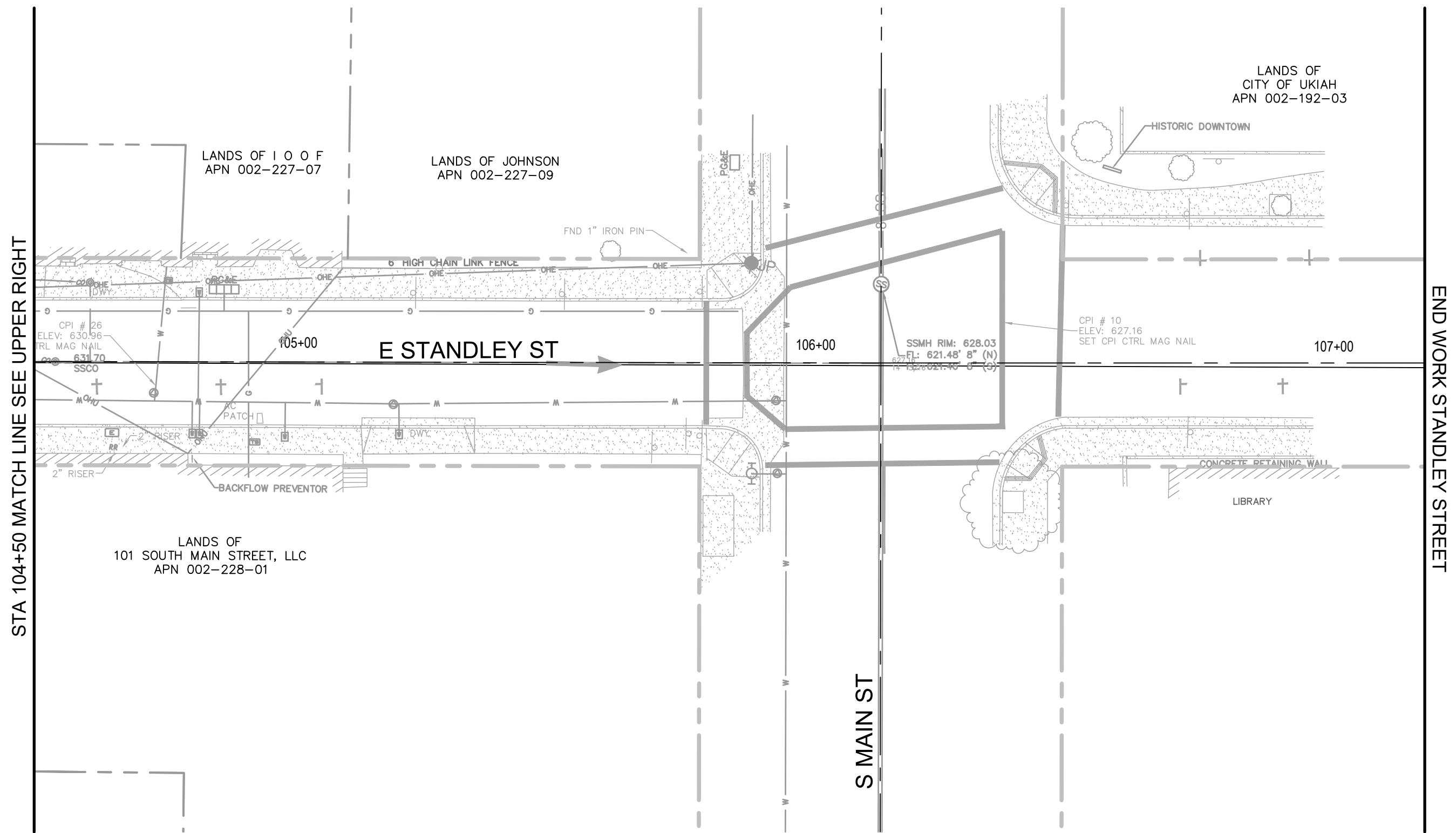
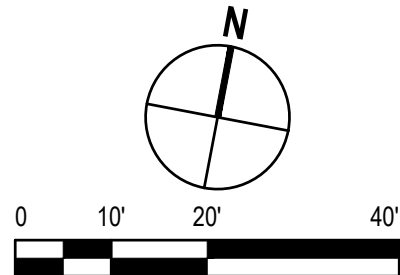
GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95403 USA
T 707 527 1879
W www.ghd.com





EXISTING CONDITION PLAN STANDLEY STREET

SCALE: 1" = 20'



EXISTING CONDITION PLAN STANDLEY STREET

SCALE: 1" = 20'

CITY OF UKIAH
DOWNTOWN STREETScape AND
ROAD DIET PROJECT
EXISTING CONDITION PLAN
STANDLEY STREET STA. 100+00 - STA. 107+00

PROJ NO: 11191705
DRWN: CP CHKD: JS

EX-105

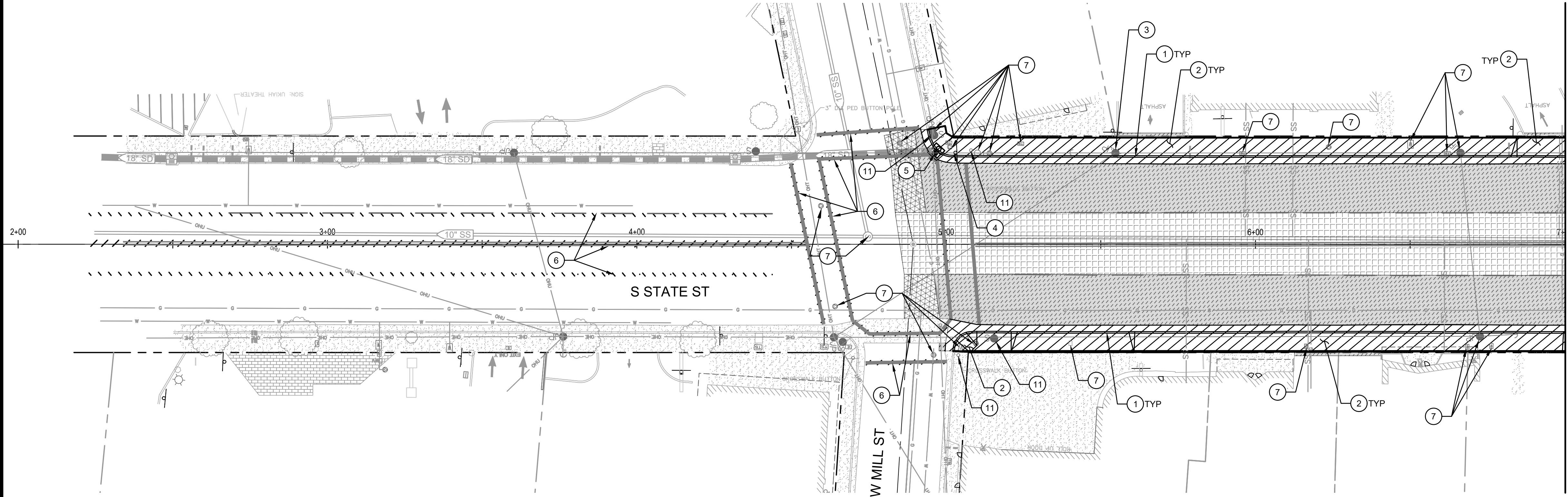
SHEET 13 OF 121

BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"
REUSE OF DOCUMENTS
This document and the ideas and designs
incorporated herein, as an instrument of
professional service, is the property of GHD
and shall not be reused in whole or in part
for any other project without GHD's written
authorization.
© 2019 GHD



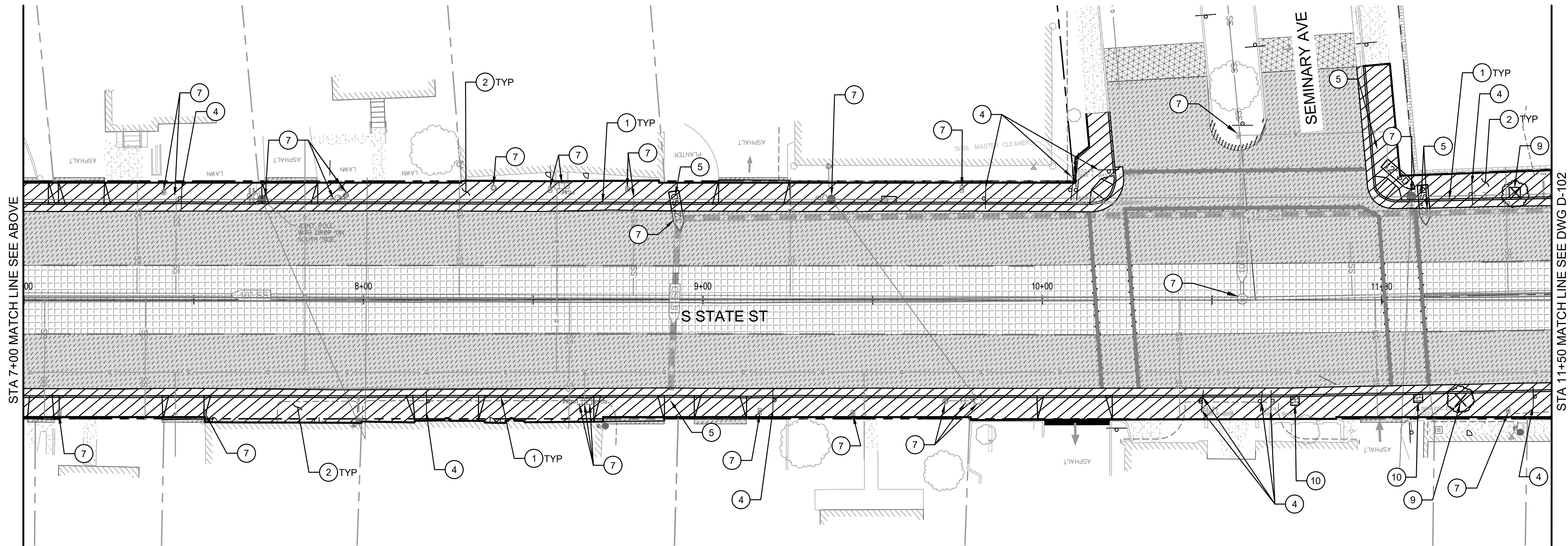
GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95403 USA
Tel: 707.527.8800 Fax: 707.527.8879
W www.ghd.com

2019-11-11 5:28 PM KHARVEY
NAUSSANTA ROSA PROJECTS\56111191705\DIGITAL_DESIGN\ACAD 2018\SHEETS\CIVIL\1191705_D-101.DWG



DEMOLITION PLAN STATE STREET

SCALE: 1" = 20'



DEMOLITION PLAN STATE STREET

SCALE: 1" = 20'

SHEET GENERAL NOTES

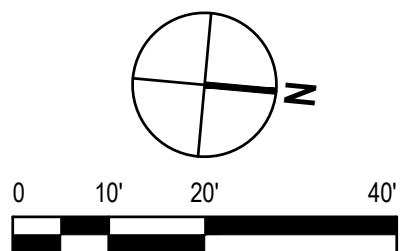
1. LOCATION OF EXISTING UTILITIES, STRUCTURES AND OBSTACLES SHOWN ON THE PLANS ARE FROM THE BEST INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED.
2. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT (USA) AT (800) 227-2800 OR 811 A MINIMUM OF TWO WORKING DAYS PRIOR TO ANY EXCAVATION OR PLANNED WORK OPERATIONS FOR MARK OUTS OF EXISTING UNDERGROUND FACILITIES.
3. CONTRACTOR IS ADVISED OF THE PRESENCE OF SHALLOW STORM DRAINS THROUGHOUT THE PROJECT AREA. STORM DRAINS SHALL BE PROTECTED IN PLACE DURING ALL CONTRACT WORK.
4. CONTRACTOR TO VERIFY LOCATION OF UTILITIES PRIOR TO START OF WORK.
5. EXISTING FEATURES TO BE DEMOLISHED ARE DISPLAYED DARKER ON THIS PLAN.
6. MANY OF THE EXISTING WATER LINES ALONG STATE STREET, PERKINS STREET AND STANDLEY STREET ARE ABANDONED AND NOT SHOWN ON THIS PLAN. SEE EXISTING CONDITION PLANS FOR LOCATION OF ABANDONED EXISTING WATER LINES.

SHEET KEYNOTES

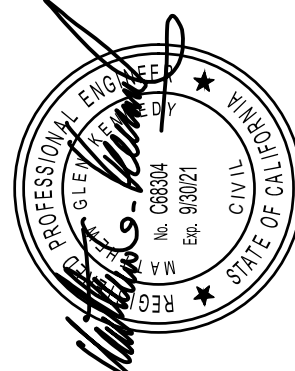
1. REMOVE (E) CURB AND GUTTER.
2. REMOVE (E) SIDEWALK, DRIVEWAY AND CURB RAMPS.
3. REMOVE (E) STREET LIGHT.
4. REMOVE (E) SIGN.
5. REMOVE/RELOCATE (E) SD CATCH BASIN/SD MANHOLE.
6. REMOVE (E) PAVEMENT MARKINGS.
7. PROTECT (E) UTILITY IN PLACE. ADJUST TO GRADE IF NEEDED
8. NOT USED
9. REMOVE (E) TREE AND CONCRETE BORDER.
10. REMOVE (E) BRICK.
11. PROTECT (E) TRAFFIC SIGNAL. SEE TRAFFIC SIGNAL PLANS FOR SIGNAL MODIFICATIONS.

DEMOLITION LEGEND

- | | |
|--|--|
| | REMOVE CONCRETE CURB AND GUTTER, AND CONCRETE FLATWORK |
| | REMOVE (E) HMA PAVEMENT AND STRUCTURAL SECTION TO REQUIRED DEPTH |
| | REMOVE (E) HMA PAVEMENT TO PCC CONCRETE |
| | CLEAR AND GRUB AREA |
| | REMOVE CONCRETE PAVEMENT |
| | REMOVE HMA AND CONCRETE PAVEMENT |
| | CONFORM GRIND FOR OVERLAY |
| | REMOVE (E) CONCRETE PAVERS |
| | REMOVE STRIPING |
| | REMOVE TREE |



GHD Inc.
2235 Mercury Way, Suite 150
San Jose, California 95131, USA
Tel: 408.501.0100 F: 408.502.1869
W: www.ghd.com



BAR IS ONE INCH ON ORIGINAL DRAWING
1"
0
REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	11/12/2019			

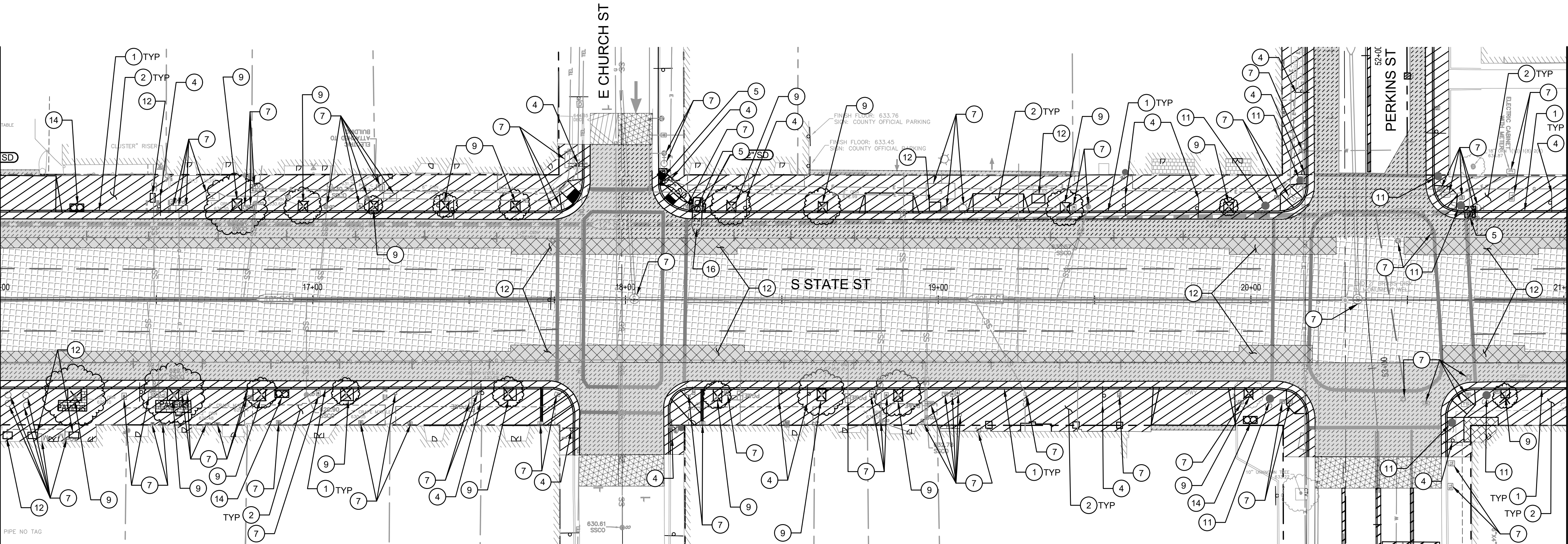
CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
DEMOLITION PLAN
STATE STREET STA. 2+00 - STA. 11+50

PROJ NO: 11191705
DRWN: CP CHKD: JS

D-101

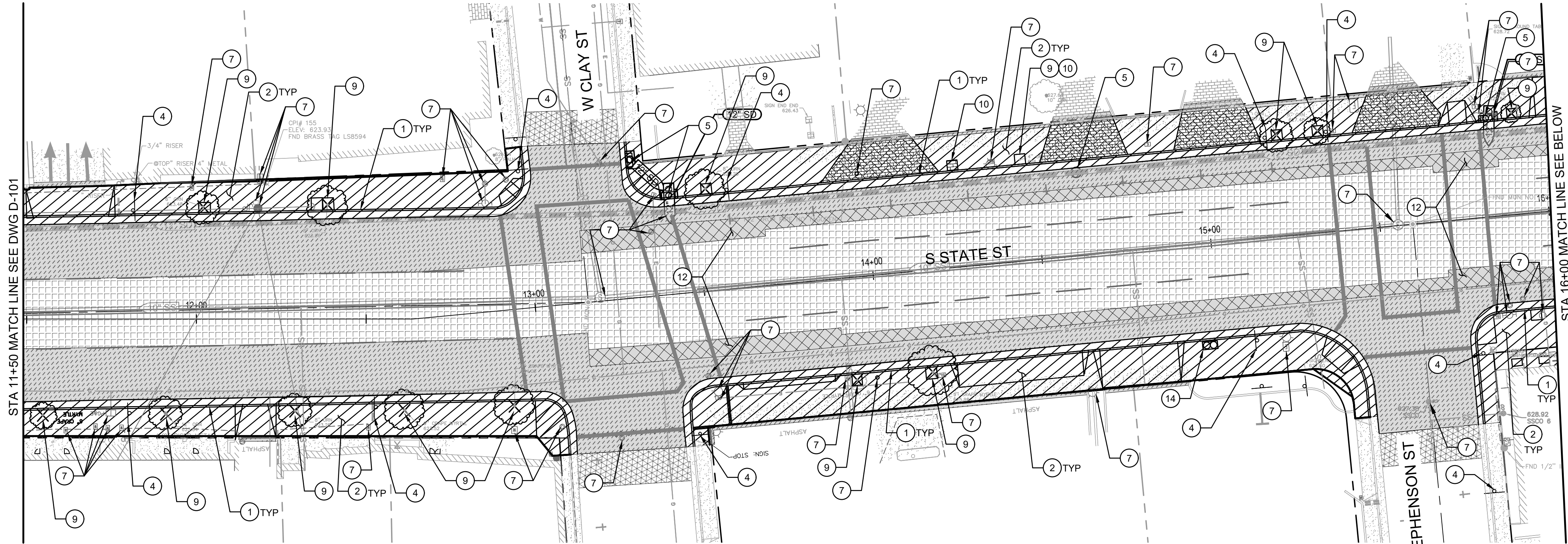
SHEET 14 OF 121

2019-11-11 5:28 PM KHARVEY
NAUS SANTA ROSA PROJECTS\56111191705\DIGITAL_DESIGN\2018\SHEETS\CIVIL\1191705_D-101.DWG



DEMOLITION PLAN STATE STREET

SCALE: 1" = 20'



DEMOLITION PLAN STATE STREET

SCALE: 1" = 20'

SHEET GENERAL NOTES

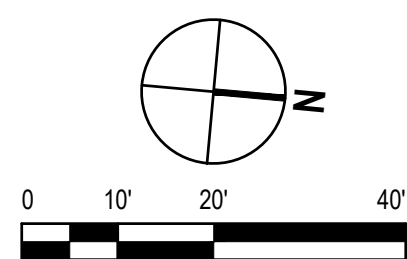
1. LOCATION OF EXISTING UTILITIES, STRUCTURES AND OBSTACLES SHOWN ON THE PLANS ARE FROM THE BEST INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED.
2. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT (USA) AT (800) 227-2800 OR 811 A MINIMUM OF TWO WORKING DAYS PRIOR TO ANY EXCAVATION OR PLANNED WORK OPERATIONS FOR MARK OUTS OF EXISTING UNDERGROUND FACILITIES.
3. CONTRACTOR IS ADVISED OF THE PRESENCE OF SHALLOW STORM DRAINS THROUGHOUT THE PROJECT AREA. STORM DRAINS SHALL BE PROTECTED IN PLACE DURING ALL CONTRACT WORK.
4. CONTRACTOR TO VERIFY LOCATION OF UTILITIES PRIOR TO START OF WORK.
5. EXISTING FEATURES TO BE DEMOLISHED ARE DISPLAYED DARKER ON THIS PLAN.
6. MANY OF THE EXISTING WATER LINES ALONG STATE STREET, PERKINS STREET AND STANDLEY STREET ARE ABANDONED AND NOT SHOWN ON THIS PLAN. SEE EXISTING CONDITION PLANS FOR LOCATION OF ABANDONED EXISTING WATER LINES.

SHEET KEYNOTES

1. REMOVE (E) CURB AND GUTTER.
2. REMOVE (E) SIDEWALK, DRIVEWAY AND CURB RAMPS.
3. REMOVE (E) STREET LIGHT.
4. REMOVE (E) SIGN.
5. REMOVE/RELOCATE (E) SD CATCH BASIN/SD MANHOLE.
6. REMOVE (E) PAVEMENT MARKINGS.
7. PROTECT (E) UTILITY IN PLACE. ADJUST TO GRADE IF NEEDED
8. NOT USED
9. REMOVE (E) TREE AND CONCRETE BORDER.
10. REMOVE (E) BRICK.
11. PROTECT (E) TRAFFIC SIGNAL. SEE TRAFFIC SIGNAL PLANS FOR SIGNAL MODIFICATIONS.
12. REMOVE (E) CONCRETE
13. REMOVE (E) NEWSPAPER BOX
14. REMOVE (E) TRASH CAN
16. REMOVE (E) SDMH LID. SEE UTILITY PLAN FOR IMPROVEMENTS

DEMOLITION LEGEND

- REMOVE CONCRETE CURB AND GUTTER, AND CONCRETE FLATWORK
- REMOVE (E) HMA PAVEMENT AND STRUCTURAL SECTION TO REQUIRED DEPTH
- REMOVE (E) HMA PAVEMENT TO PCC CONCRETE
- CLEAR AND GRUB AREA
- REMOVE CONCRETE PAVEMENT
- REMOVE HMA AND CONCRETE PAVEMENT
- CONFORM GRIND FOR OVERLAY
- REMOVE (E) CONCRETE PAVERS
- REMOVE STRIPING
- REMOVE TREE



CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT

DEMOLITION PLAN
STATE STREET STA. 11+50 - STA. 21+00

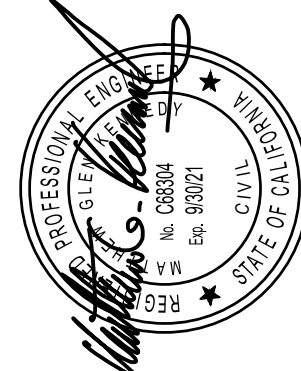
PROJ NO: 11191705

DRWN: CP CHKD: JS

D-102

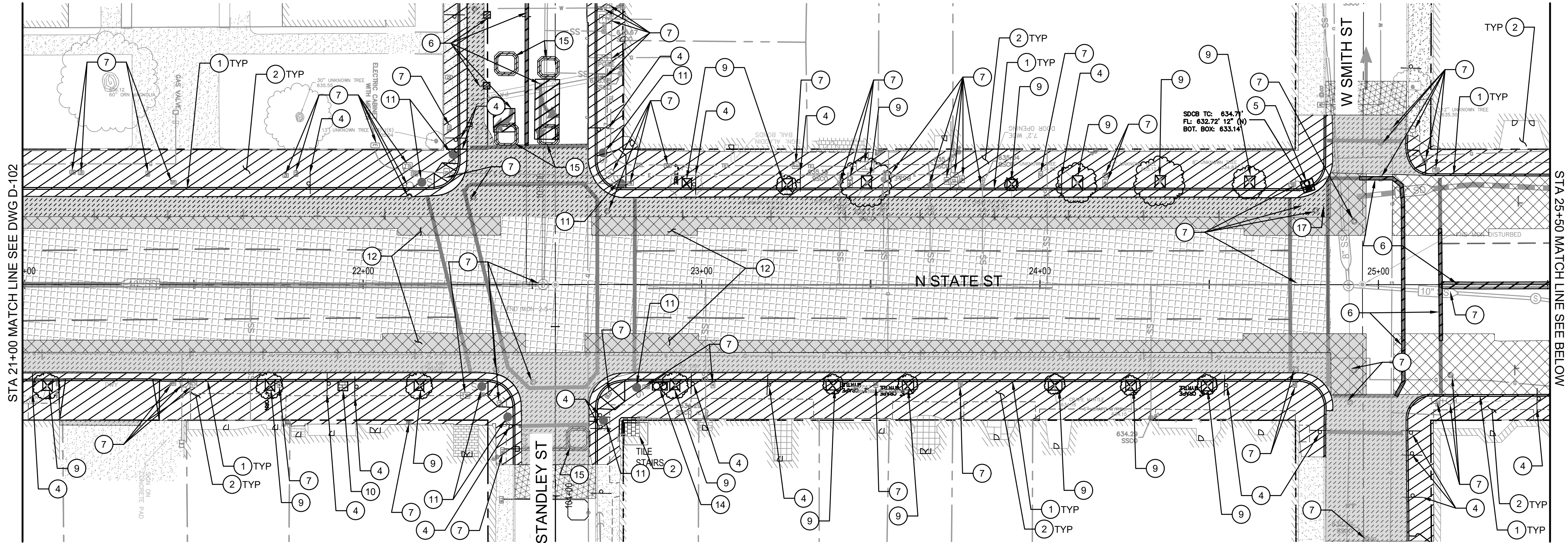
SHEET 15 OF 121

GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95407, USA
Tel: 707.527.1000 F: 707.527.8879
W: www.ghd.com



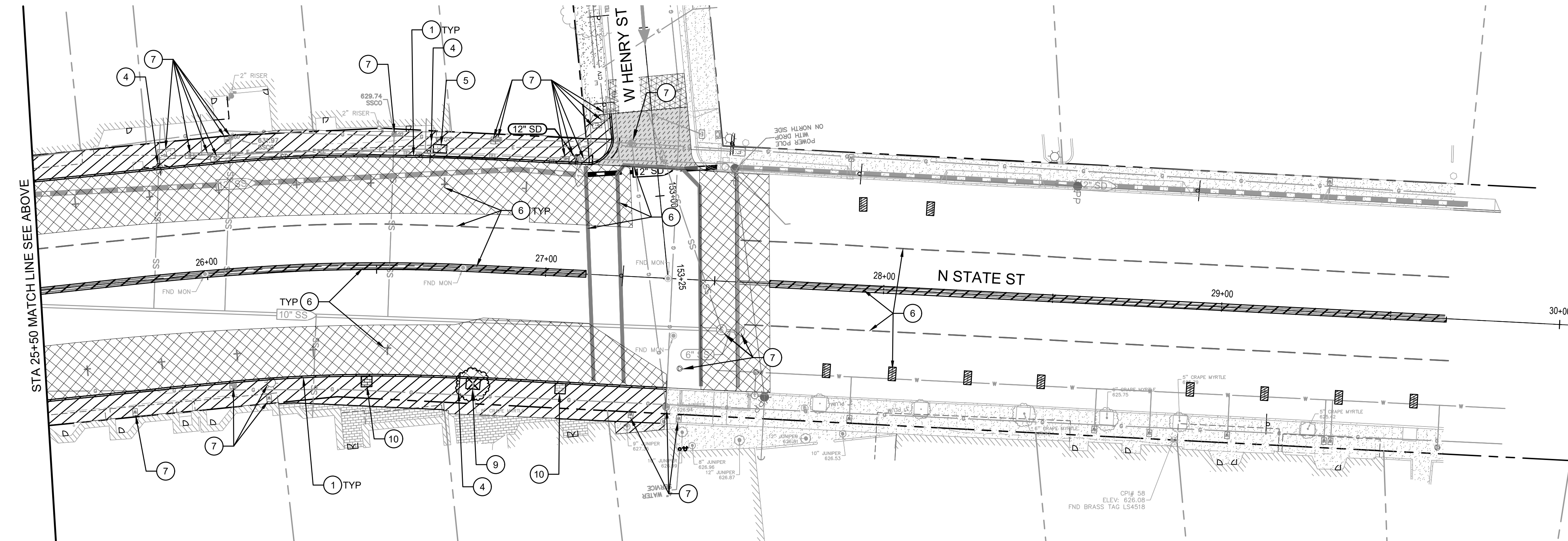
REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	11/12/2019			



DEMOLITION PLAN STATE STREET

SCALE: 1" = 20'



DEMOLITION PLAN STATE STREET

SCALE: 1" = 20'

SHEET GENERAL NOTES

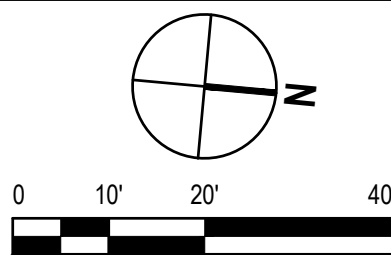
1. LOCATION OF EXISTING UTILITIES, STRUCTURES AND OBSTACLES SHOWN ON THE PLANS ARE FROM THE BEST INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED.
2. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT (USA) AT (800) 227-2600 OR 811 A MINIMUM OF TWO WORKING DAYS PRIOR TO ANY EXCAVATION OR PLANNED WORK OPERATIONS FOR MARK OUTS OF EXISTING UNDERGROUND FACILITIES.
3. CONTRACTOR IS ADVISED OF THE PRESENCE OF SHALLOW STORM DRAINS THROUGHOUT THE PROJECT AREA. STORM DRAINS SHALL BE PROTECTED IN PLACE DURING ALL CONTRACT WORK.
4. CONTRACTOR TO VERIFY LOCATION OF UTILITIES PRIOR TO START OF WORK.
5. EXISTING FEATURES TO BE DEMOLISHED ARE DISPLAYED DARKER ON THIS PLAN.
6. MANY OF THE EXISTING WATER LINES ALONG STATE STREET, PERKINS STREET AND STANDLEY STREET ARE ABANDONED AND NOT SHOWN ON THIS PLAN. SEE EXISTING CONDITION PLANS FOR LOCATION OF ABANDONED EXISTING WATER LINES.

SHEET KEYNOTES

1. REMOVE (E) CURB AND GUTTER.
2. REMOVE (E) SIDEWALK, DRIVEWAY AND CURB RAMPS.
3. REMOVE (E) STREET LIGHT.
4. REMOVE (E) SIGN.
5. REMOVE/RELOCATE (E) SD CATCH BASIN/SD MANHOLE.
6. REMOVE (E) PAVEMENT MARKINGS.
7. PROTECT (E) UTILITY IN PLACE. ADJUST TO GRADE IF NEEDED.
8. NOT USED
9. REMOVE (E) TREE AND CONCRETE BORDER.
10. REMOVE (E) BRICK.
11. PROTECT (E) TRAFFIC SIGNAL. SEE TRAFFIC SIGNAL PLANS FOR SIGNAL MODIFICATIONS.
12. REMOVE (E) CONCRETE
13. REMOVE (E) NEWSPAPER BOX
14. REMOVE (E) TRASH CAN
15. REMOVE (E) TRAFFIC DETECTOR LOOPS
17. REMOVE (E) STORM DRAIN PIPE

DEMOLITION LEGEND

- REMOVE CONCRETE CURB AND GUTTER, AND CONCRETE FLATWORK
- REMOVE (E) HMA PAVEMENT AND STRUCTURAL SECTION TO REQUIRED DEPTH
- REMOVE (E) HMA PAVEMENT TO PCC CONCRETE
- CLEAR AND GRUB AREA
- REMOVE CONCRETE PAVEMENT
- REMOVE HMA AND CONCRETE PAVEMENT
- CONFORM GRIND FOR OVERLAY
- REMOVE (E) CONCRETE PAVERS
- REMOVE STRIPING
- REMOVE TREE



GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95407, USA
T 707 527 1000 F 707 527 18679
W www.ghd.com



REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

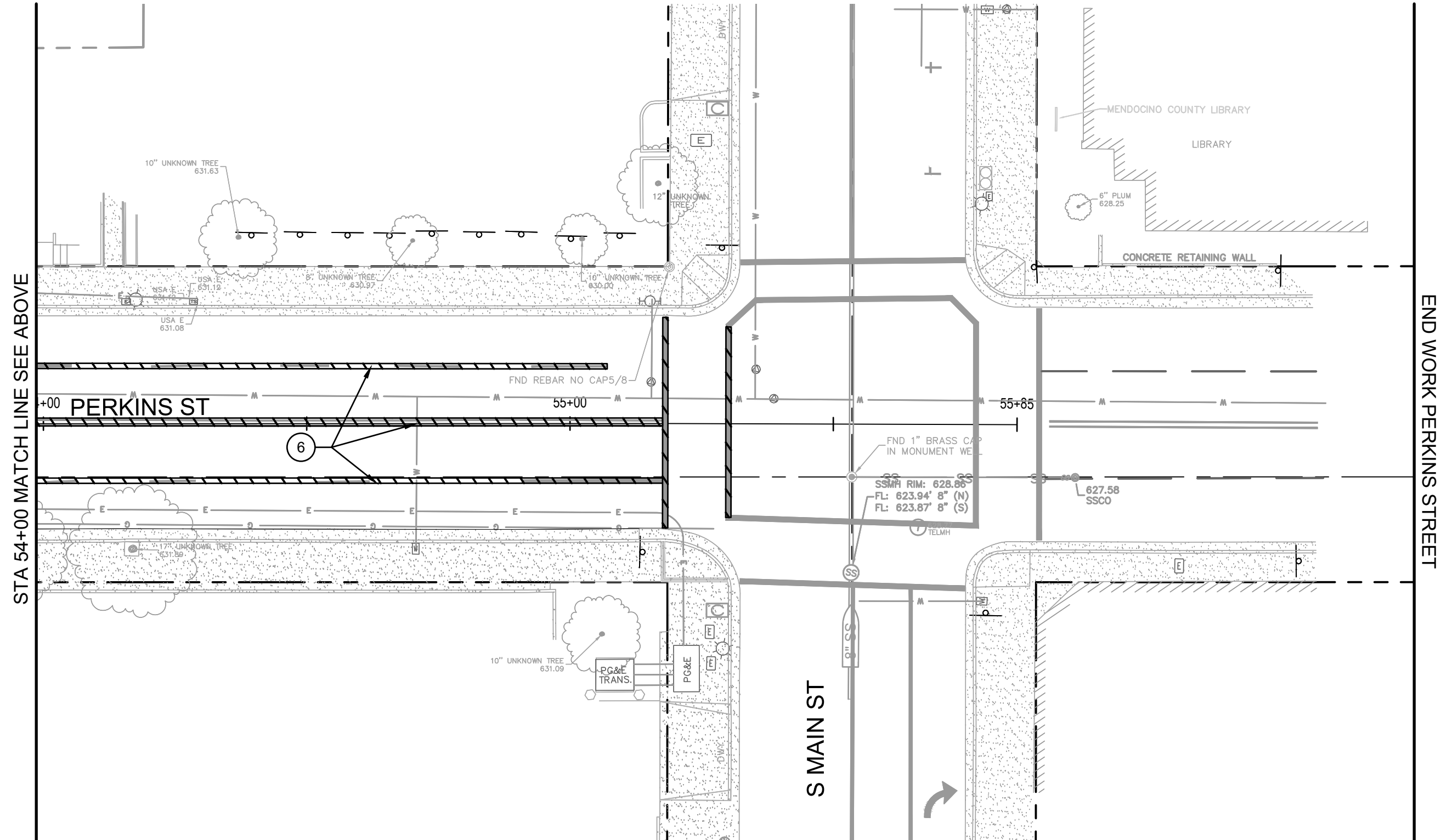
MARK	DATE	BID SET	DESCRIPTION	ISSUE
	11/12/2019			

CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
IMPROVEMENT PLAN
STATE STREET STA. 21+00 - STA. 30+00

PROJ NO: 11191705
DRWN: CP CHKD: JS

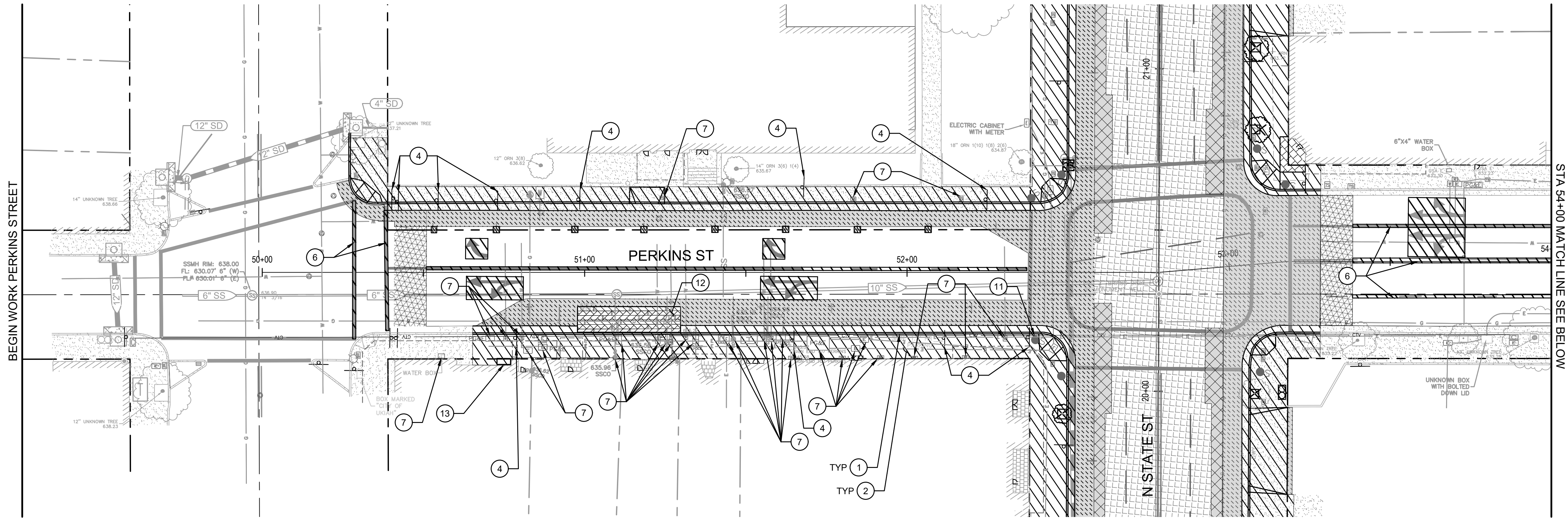
D-103

SHEET 16 OF 121



DEMOLITION PLAN PERKINS STREET

SCALE: 1" = 20'



DEMOLITION PLAN PERKINS STREET

SCALE: 1" = 20'

SHEET GENERAL NOTES

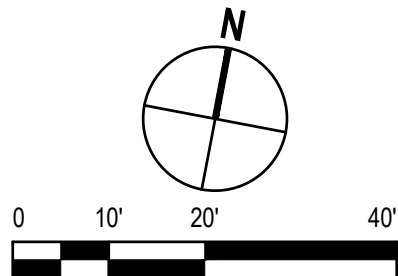
1. LOCATION OF EXISTING UTILITIES, STRUCTURES AND OBSTACLES SHOWN ON THE PLANS ARE FROM THE BEST INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED.
2. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT (USA) AT (800) 227-2600 OR 811 A MINIMUM OF TWO WORKING DAYS PRIOR TO ANY EXCAVATION OR PLANNED WORK OPERATIONS FOR MARK OUTS OF EXISTING UNDERGROUND FACILITIES.
3. CONTRACTOR IS ADVISED OF THE PRESENCE OF SHALLOW STORM DRAINS THROUGHOUT THE PROJECT AREA. STORM DRAINS SHALL BE PROTECTED IN PLACE DURING ALL CONTRACT WORK.
4. CONTRACTOR TO VERIFY LOCATION OF UTILITIES PRIOR TO START OF WORK.
5. EXISTING FEATURES TO BE DEMOLISHED ARE DISPLAYED DARKER ON THIS PLAN.
6. MANY OF THE EXISTING WATER LINES ALONG STATE STREET, PERKINS STREET AND STANDLEY STREET ARE ABANDONED AND NOT SHOWN ON THIS PLAN. SEE EXISTING CONDITION PLANS FOR LOCATION OF ABANDONED EXISTING WATER LINES.

SHEET KEYNOTES

1. REMOVE (E) CURB AND GUTTER.
2. REMOVE (E) SIDEWALK, DRIVEWAY AND CURB RAMPS.
3. REMOVE (E) STREET LIGHT.
4. REMOVE (E) SIGN.
5. REMOVE/RELOCATE (E) SD CATCH BASIN/SD MANHOLE.
6. REMOVE (E) PAVEMENT MARKINGS.
7. PROTECT (E) UTILITY IN PLACE. ADJUST TO GRADE IF NEEDED
8. NOT USED
9. REMOVE (E) TREE AND CONCRETE BORDER.
10. REMOVE (E) BRICK.
11. PROTECT (E) TRAFFIC SIGNAL. SEE TRAFFIC SIGNAL PLANS FOR SIGNAL MODIFICATIONS.
12. REMOVE (E) CONCRETE
13. REMOVE (E) NEWSPAPER BOX
14. REMOVE (E) TRASH CAN

DEMOLITION LEGEND

- REMOVE CONCRETE CURB AND GUTTER, AND CONCRETE FLATWORK
- REMOVE (E) HMA PAVEMENT AND STRUCTURAL SECTION TO REQUIRED DEPTH
- REMOVE (E) HMA PAVEMENT TO PCC CONCRETE
- CLEAR AND GRUB AREA
- REMOVE CONCRETE PAVEMENT
- REMOVE HMA AND CONCRETE PAVEMENT
- CONFORM GRIND FOR OVERLAY
- REMOVE (E) CONCRETE PAVERS
- REMOVE STRIPING
- REMOVE TREE



CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
IMPROVEMENT PLAN
PERKINS STREET STA. 50+00 - STA. 55+85

PROJ NO: 11191705

DRWN: CP CHKD: JS

D-104

SHEET 17 OF 121

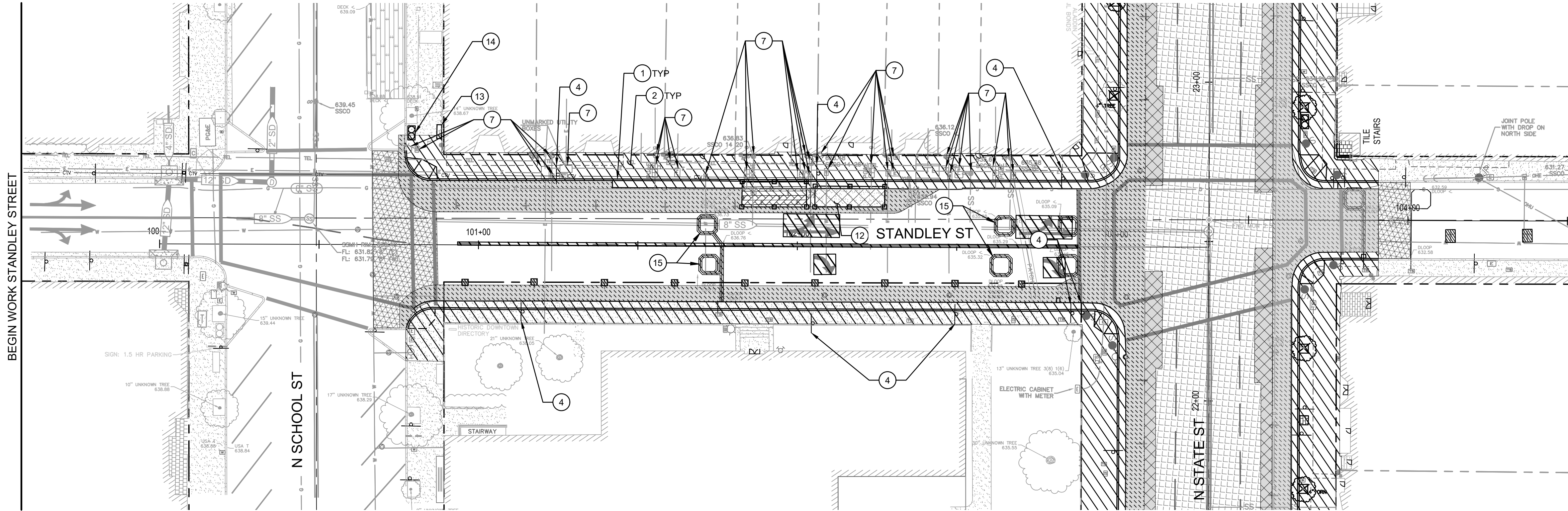
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	11/12/2019			

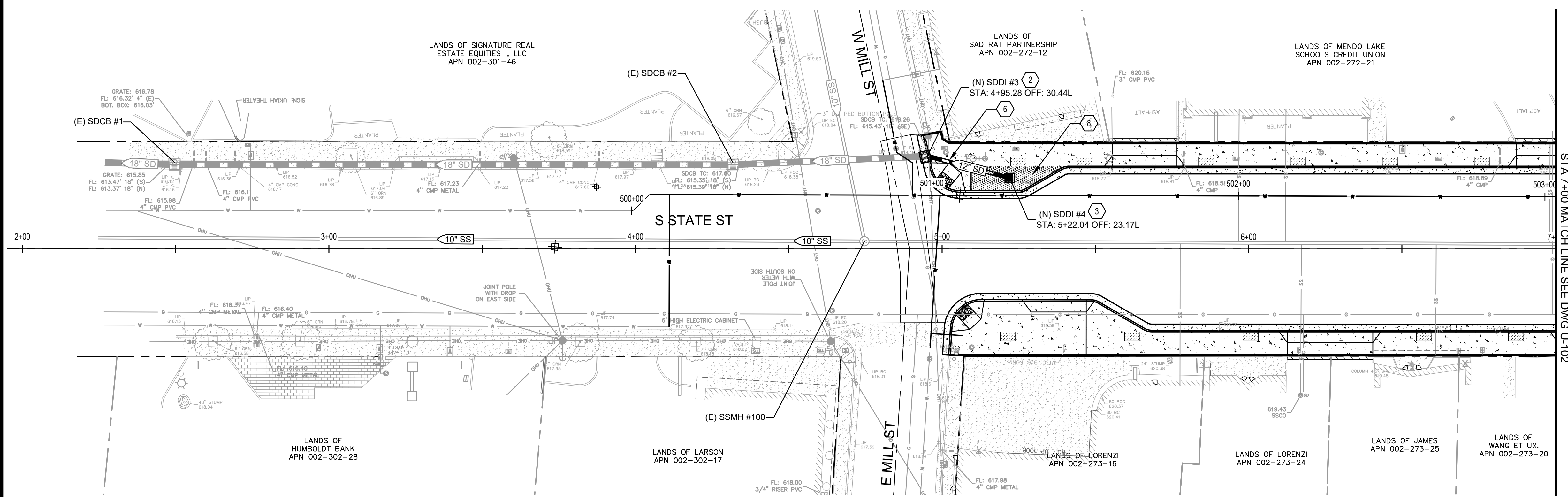


GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95407, USA
T 707 527 1000 F 707 527 18679
W www.ghd.com





2019-11-11 3:11 PM KHARVEY
NAUSSANTA ROSA PROJECTS\5811119\705\DIGITAL_DESIGN\2018\SHEETS\CIVIL\1191705_U-101.DWG

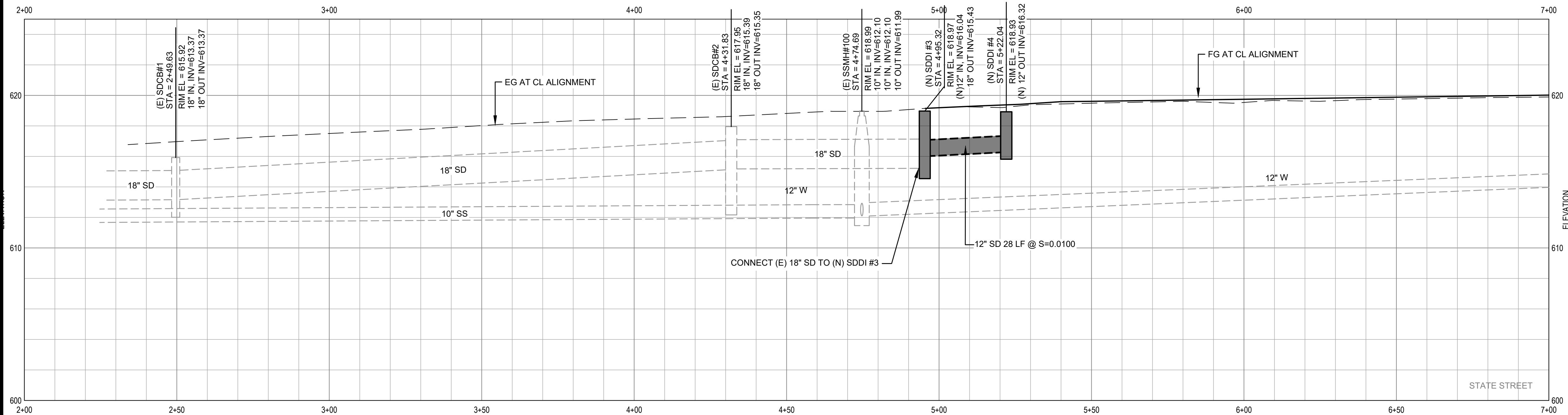


UTILITY LEGEND

- CONCRETE SIDEWALK PER CITY STD 101 AND CITY STD 102 ON SHEET C-501. SEE LANDSCAPE PLANS FOR SCORE MARKS AND FINISHES
- BIORETENTION AREA. SEE DETAILS ON SHEET C-505 AND LANDSCAPE PLANS FOR PLANTING, IRRIGATION, AND OTHER DETAILS
- PLANTING AREA, SEE LANDSCAPE PLAN
- DG TREE WELL, SEE LANDSCAPE PLAN

UTILITY PLAN STATE STREET

SCALE: 1" = 20'



UTILITY PROFILE STATE STREET

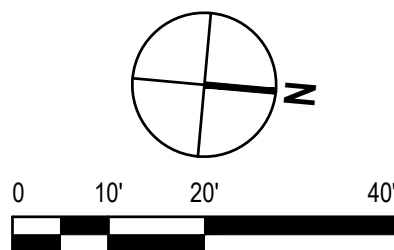
SCALE: HORIZ 1"=20', VERT 1"=4'

SHEET GENERAL NOTES

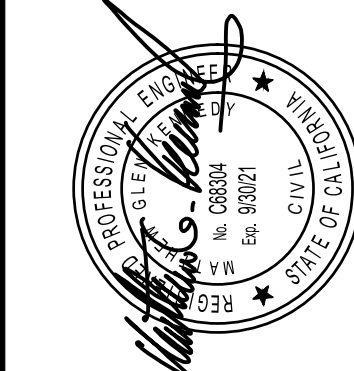
- ADJUST ALL UTILITY COVERS TO FINISH GRADE IN PAVEMENT OVERLAY AREAS.
- REPLACE ALL (E) UTILITY COVERS AND BOXES WITH (N) UTILITY COVERS AND BOXES IN PAVEMENT RECONSTRUCTION AREAS.
- COORDINATE WITH CITY OF UKIAH ELECTRIC DEPARTMENT ON ALL ELECTRICAL IMPROVEMENTS.

SHEET KEYNOTES

- INSTALL CALTRANS PRECAST DRAINAGE INLET TYPE G0 PLAN D73E.
- INSTALL CALTRANS PRECAST DRAINAGE INLET TYPE G0 PLAN D73E, CONNECT TO (E) STORM DRAIN.
- INSTALL PRECAST 12X12 CONCRETE DROP INLET.
- INSTALL PRECAST 12X12 CONCRETE DROP INLET WITH CUT IN TEE TO (E) STORM DRAIN.
- INSTALL PRECAST 24X24 CONCRETE DROP INLET.
- INSTALL RCP STORM DRAIN PIPE.
- INSTALL PRECAST 24X24 DRAINAGE INLET WITH CAST IN PLACE FRAME AND TRAFFIC RATED GRATE.
- INSTALL BIORETENTION AREA TYPE 1
- INSTALL BIORETENTION AREA TYPE 2
- INSTALL INFLOW CURB CUTOUT
- INSTALL OVERFLOW CURB CUTOUT
- ADJUST MANHOLE TO GRADE.
- REMOVE MANHOLE, INSTALL RCP STORM DRAIN PIPE TO CONNECT EXISTING PIPES.



GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, CA 95403 USA
Tel: 707.527.8679
Fax: 707.527.8679
W: www.ghd.com



REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE

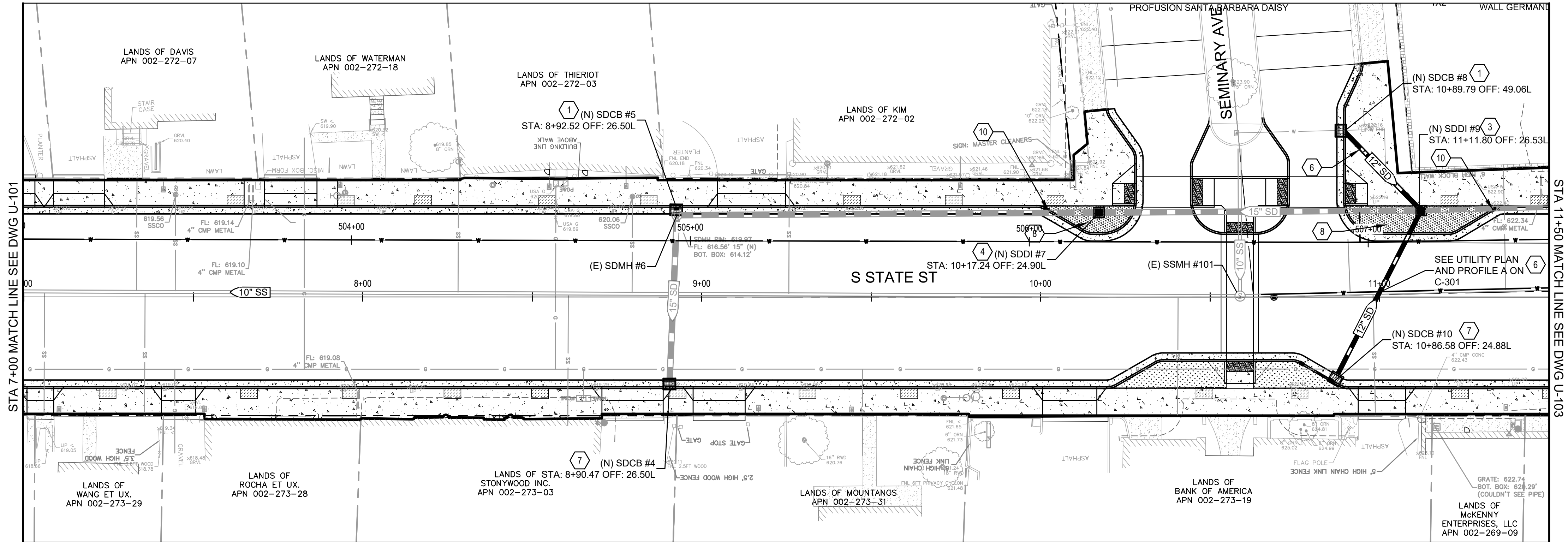
CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
UTILITY PLAN & PROFILE
STATE STREET STA. 2+00 - STA. 7+00

PROJ NO: 11191705
DRWN: CP CHKD: JS

U-101

SHEET 19 OF 121

2019-11-11 3:12 PM KHARVEY
NAUSSANTA ROSA PROJECTS\56111191705\DIGITAL_DESIGN\ACAD 2018\SHEETS\CIVIL\1191705_U-101.DWG



UTILITY LEGEND

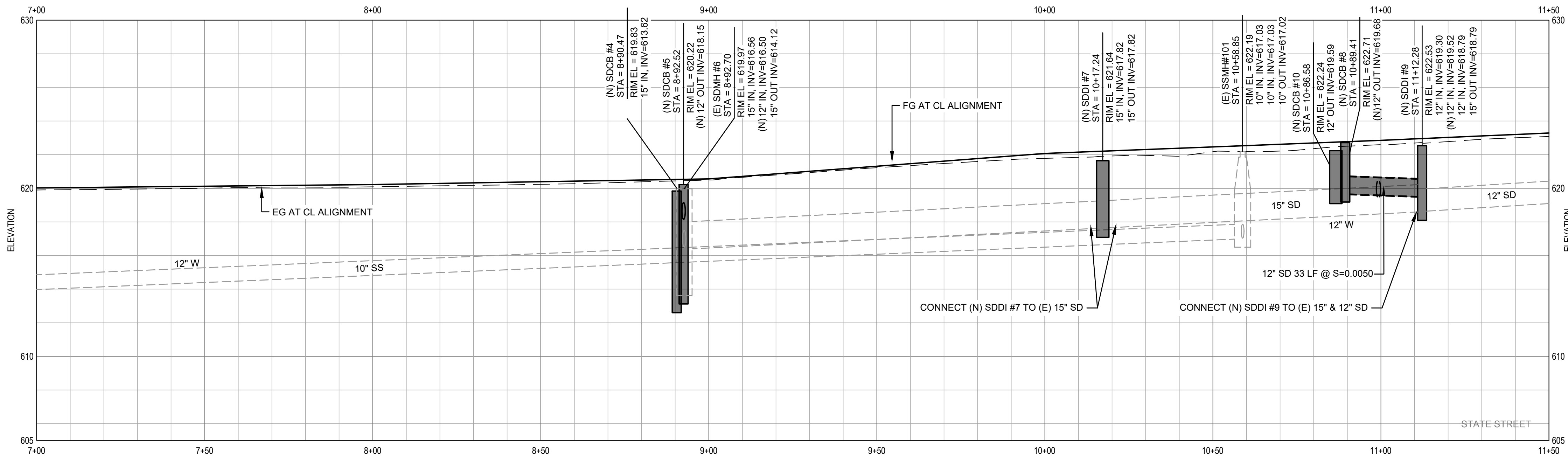
CONCRETE SIDEWALK PER CITY STD 101 AND CITY STD 102 ON SHEET C-501. SEE LANDSCAPE PLANS FOR SCORE MARKS AND FINISHES

BIORETENTION AREA. SEE DETAILS ON SHEET C-505 AND LANDSCAPE PLANS FOR PLANTING, IRRIGATION, AND OTHER DETAILS

PLANTING AREA, SEE LANDSCAPE PLAN

DG TREE WELL, SEE LANDSCAPE PLAN

UTILITY PLAN STATE STREET
SCALE: 1" = 20'



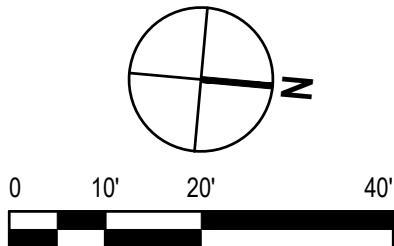
UTILITY PROFILE STATE STREET
SCALE: HORIZ 1"=20', VERT 1"=4'

SHEET GENERAL NOTES

- ADJUST ALL UTILITY COVERS TO FINISH GRADE IN PAVEMENT OVERLAY AREAS.
- REPLACE ALL (E) UTILITY COVERS AND BOXES WITH (N) UTILITY COVERS AND BOXES IN PAVEMENT RECONSTRUCTION AREAS.
- COORDINATE WITH CITY OF UKIAH ELECTRIC DEPARTMENT ON ALL ELECTRICAL IMPROVEMENTS.

SHEET KEYNOTES

- INSTALL CALTRANS PRECAST DRAINAGE INLET TYPE G0 PLAN D73E.
- INSTALL CALTRANS PRECAST DRAINAGE INLET TYPE G0 PLAN D73E, CONNECT TO (E) STORM DRAIN.
- INSTALL PRECAST 12X12 CONCRETE DROP INLET.
- INSTALL PRECAST 12X12 CONCRETE DROP INLET WITH CUT IN TEE TO (E) STORM DRAIN.
- INSTALL PRECAST 24X24 CONCRETE DROP INLET.
- INSTALL RCP STORM DRAIN PIPE.
- INSTALL PRECAST 24X24 DRAINAGE INLET WITH CAST IN PLACE FRAME AND TRAFFIC RATED GRATE.
- INSTALL BIORETENTION AREA TYPE 1
- INSTALL BIORETENTION AREA TYPE 2
- INSTALL INFLOW CURB CUTOUT
- INSTALL OVERFLOW CURB CUTOUT
- ADJUST MANHOLE TO GRADE.
- REMOVE MANHOLE, INSTALL RCP STORM DRAIN PIPE TO CONNECT EXISTING PIPES.



GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95405 USA
T 707 527 1000 F 707 527 18679
W www.ghd.com



BAR IS ONE INCH ON ORIGINAL DRAWING

REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	11/12/2019			

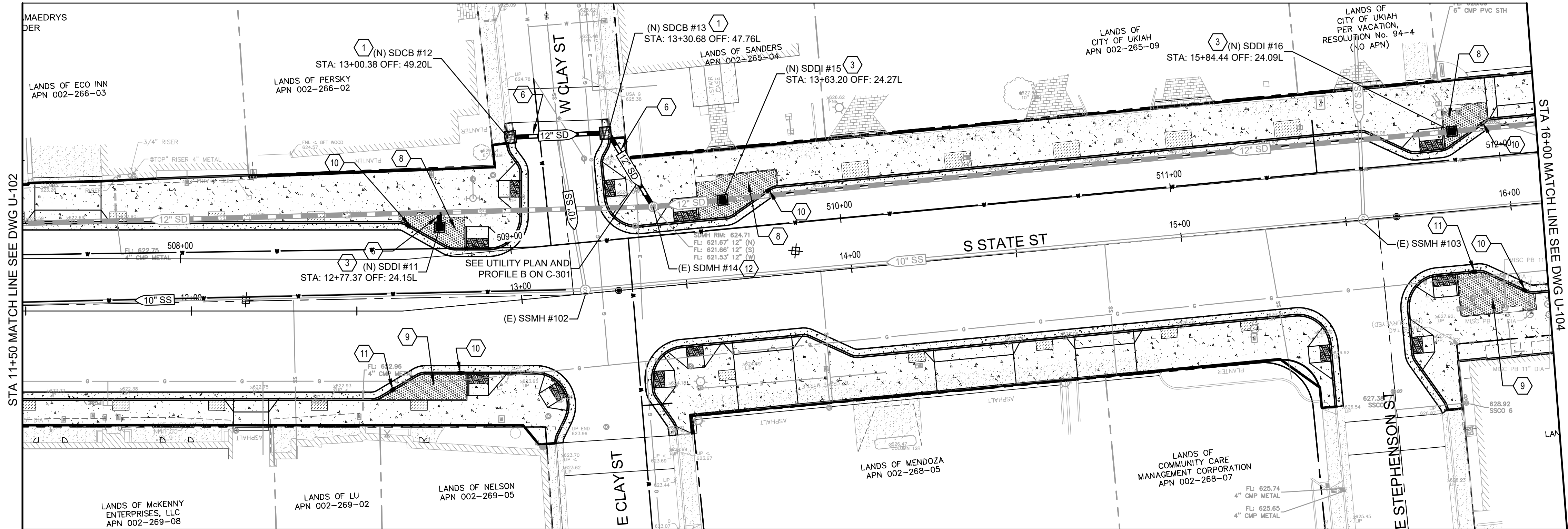
CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT

UTILITY PLAN & PROFILE
STATE STREET STA. 7+00 - STA. 11+50

PROJ NO:	11191705
DRWN: CP	CHKD: JS

U-102

2019-11-11 3:12 PM KHARVEY
NAUSSANTA ROSA PROJECTS\5811119\705\DIGITAL_DESIGN\ACAD 2018\SHEETS\CIVIL\1191705_U-101.DWG



UTILITY LEGEND	
	CONCRETE SIDEWALK PER CITY STD 101 AND CITY STD 102 ON SHEET C-501. SEE LANDSCAPE PLANS FOR SCORE MARKS AND FINISHES
	BIORETENTION AREA. SEE DETAILS ON SHEET C-505 AND LANDSCAPE PLANS FOR PLANTING, IRRIGATION, AND OTHER DETAILS
	PLANTING AREA, SEE LANDSCAPE PLAN
	DG TREE WELL, SEE LANDSCAPE PLAN

UTILITY PLAN STATE STREET

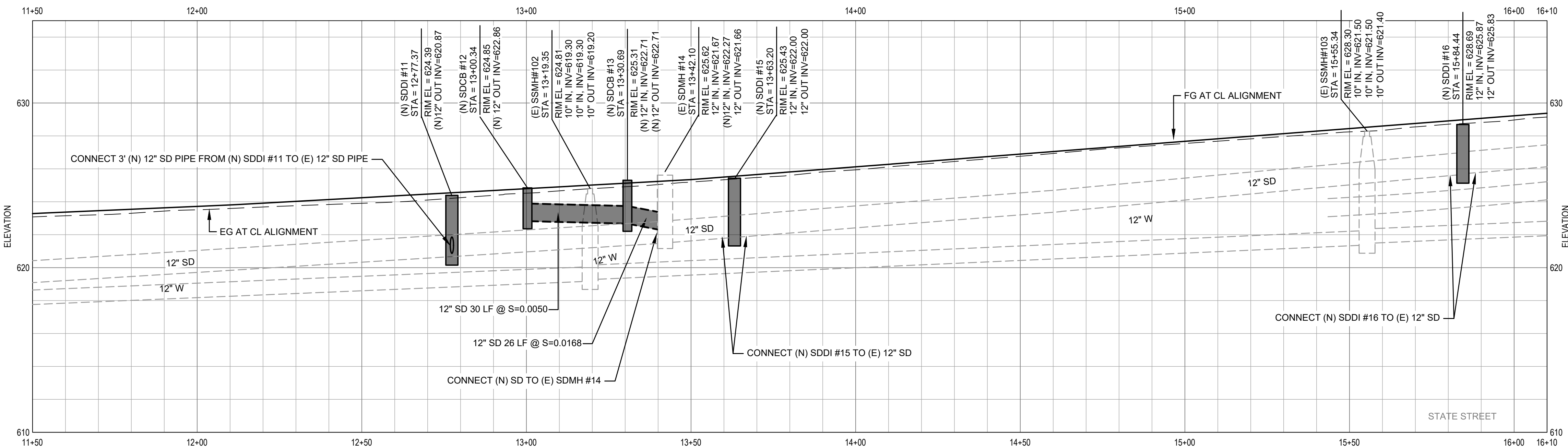
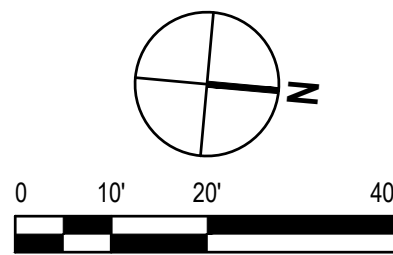
SCALE: 1" = 20'

SHEET GENERAL NOTES

- ADJUST ALL UTILITY COVERS TO FINISH GRADE IN PAVEMENT OVERLAY AREAS.
- REPLACE ALL (E) UTILITY COVERS AND BOXES WITH (N) UTILITY COVERS AND BOXES IN PAVEMENT RECONSTRUCTION AREAS.
- COORDINATE WITH CITY OF UKIAH ELECTRIC DEPARTMENT ON ALL ELECTRICAL IMPROVEMENTS.

SHEET KEYNOTES

- INSTALL CALTRANS PRECAST DRAINAGE INLET TYPE G0 PLAN D73E.
- INSTALL CALTRANS PRECAST DRAINAGE INLET TYPE G0 PLAN D73E, CONNECT TO (E) STORM DRAIN.
- INSTALL PRECAST 12X12 CONCRETE DROP INLET.
- INSTALL PRECAST 12x12 CONCRETE DROP INLET WITH CUT IN TEE TO (E) STORM DRAIN.
- INSTALL PRECAST 24X24 CONCRETE DROP INLET.
- INSTALL RCP STORM DRAIN PIPE.
- INSTALL PRECAST 24X24 DRAINAGE INLET WITH CAST IN PLACE FRAME AND TRAFFIC RATED GRATE.
- INSTALL BIORETENTION AREA TYPE 1
- INSTALL BIORETENTION AREA TYPE 2
- INSTALL INFLOW CURB CUTOUT
- INSTALL OVERFLOW CURB CUTOUT
- ADJUST MANHOLE TO GRADE.
- REMOVE MANHOLE. INSTALL RCP STORM DRAIN PIPE TO CONNECT EXISTING PIPES.



UTILITY PROFILE STATE STREET

SCALE: HORIZ 1"=20', VERT 1"=4'

GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95405 USA
Tel: 707.527.1879
Fax: 707.527.1879
W: www.ghd.com



REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE

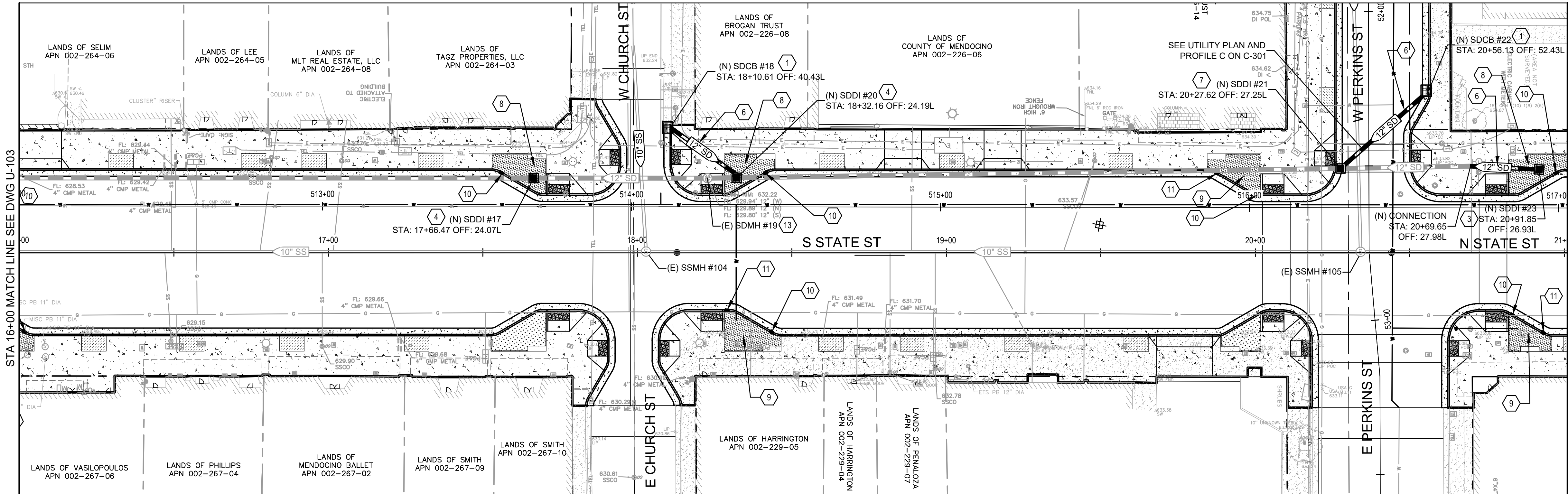
CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
UTILITY PLAN & PROFILE
STATE STREET STA. 11+50 - STA. 16+00

PROJ NO: 11191705
DRWN: CP CHKD: JS

U-103

SHEET 21 OF 121

2019-11-11 3:12 PM KHARVEY
NAUSANTAROA\PROJECTS\5811119\705\DIGITAL_DESIGN\CAD 2018\SHEETS\CIVIL\1191705_U-101.DWG

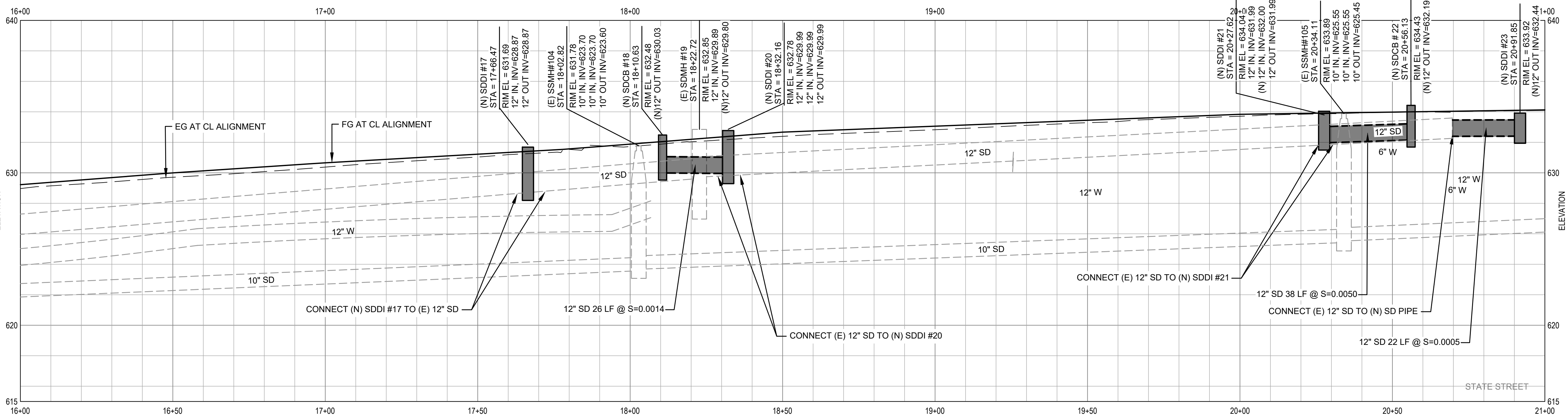


UTILITY LEGEND

- CONCRETE SIDEWALK PER CITY STD 101 AND CITY STD 102 ON SHEET C-501. SEE LANDSCAPE PLANS FOR SCORE MARKS AND FINISHES
- BIORETENTION AREA. SEE DETAILS ON SHEET C-505 AND LANDSCAPE PLANS FOR PLANTING, IRRIGATION, AND OTHER DETAILS
- PLANTING AREA, SEE LANDSCAPE PLAN
- DG TREE WELL, SEE LANDSCAPE PLAN

UTILITY PLAN STATE STREET

SCALE: 1" = 20'



UTILITY PROFILE STATE STREET

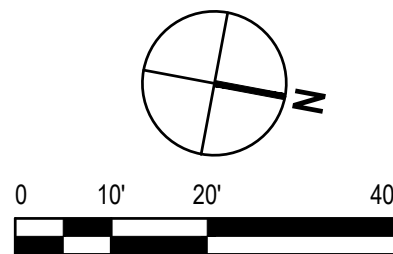
SCALE: HORIZ 1"=20', VERT 1"=4'

SHEET GENERAL NOTES

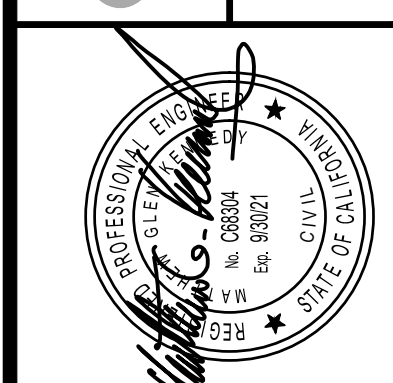
- ADJUST ALL UTILITY COVERS TO FINISH GRADE IN PAVEMENT OVERLAY AREAS.
- REPLACE ALL (E) UTILITY COVERS AND BOXES WITH (N) UTILITY COVERS AND BOXES IN PAVEMENT RECONSTRUCTION AREAS.
- COORDINATE WITH CITY OF UKIAH ELECTRIC DEPARTMENT ON ALL ELECTRICAL IMPROVEMENTS.

SHEET KEYNOTES

- INSTALL CALTRANS PRECAST DRAINAGE INLET TYPE G0 PLAN D73E.
- INSTALL CALTRANS PRECAST DRAINAGE INLET TYPE G0 PLAN D73E, CONNECT TO (E) STORM DRAIN.
- INSTALL PRECAST 12X12 CONCRETE DROP INLET.
- INSTALL PRECAST 12X12 CONCRETE DROP INLET WITH CUT IN TEE TO (E) STORM DRAIN.
- INSTALL PRECAST 24X24 CONCRETE DROP INLET.
- INSTALL RCP STORM DRAIN PIPE.
- INSTALL PRECAST 24X24 DRAINAGE INLET WITH CAST IN PLACE FRAME AND TRAFFIC RATED GRATE.
- INSTALL BIORETENTION AREA TYPE 1
- INSTALL BIORETENTION AREA TYPE 2
- INSTALL INFLOW CURB CUTOUT
- INSTALL OVERFLOW CURB CUTOUT
- ADJUST MANHOLE TO GRADE.
- REMOVE MANHOLE, INSTALL RCP STORM DRAIN PIPE TO CONNECT EXISTING PIPES.



GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95405 USA
T 707 527 8800 F 707 527 8879
W www.ghd.com



REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE

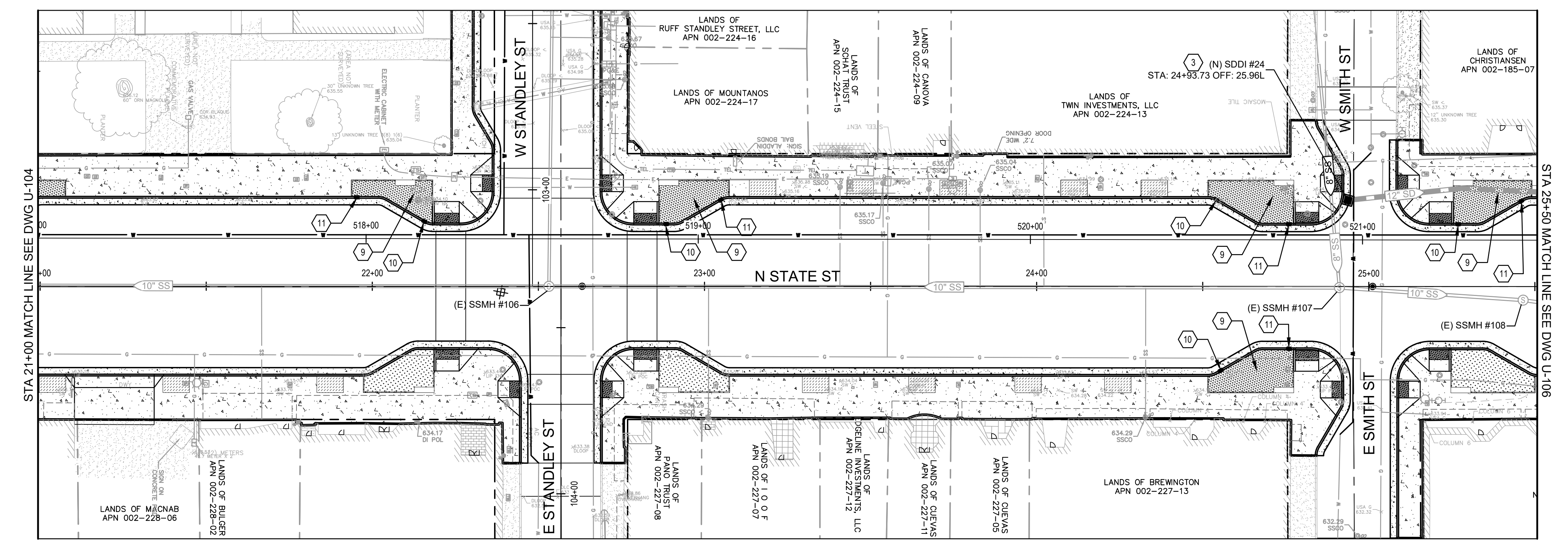
CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
UTILITY PLAN & PROFILE
STATE STREET STA. 16+00 - STA. 21+00

PROJ NO: 11191705
DRWN: CP CHKD: JS

U-104

SHEET 22 OF 121

2019-11-11 3:13 PM KHARVEY
NAUSANTAROSA\PROJECTS\5611119\705\DIGITAL_DESIGN\CAD 2018\SHEETS\CIVIL\1191705_U-101.DWG



UTILITY LEGEND

CONCRETE SIDEWALK PER CITY STD 101 AND CITY STD 102 ON SHEET C-501. SEE LANDSCAPE PLANS FOR SCORE MARKS AND FINISHES

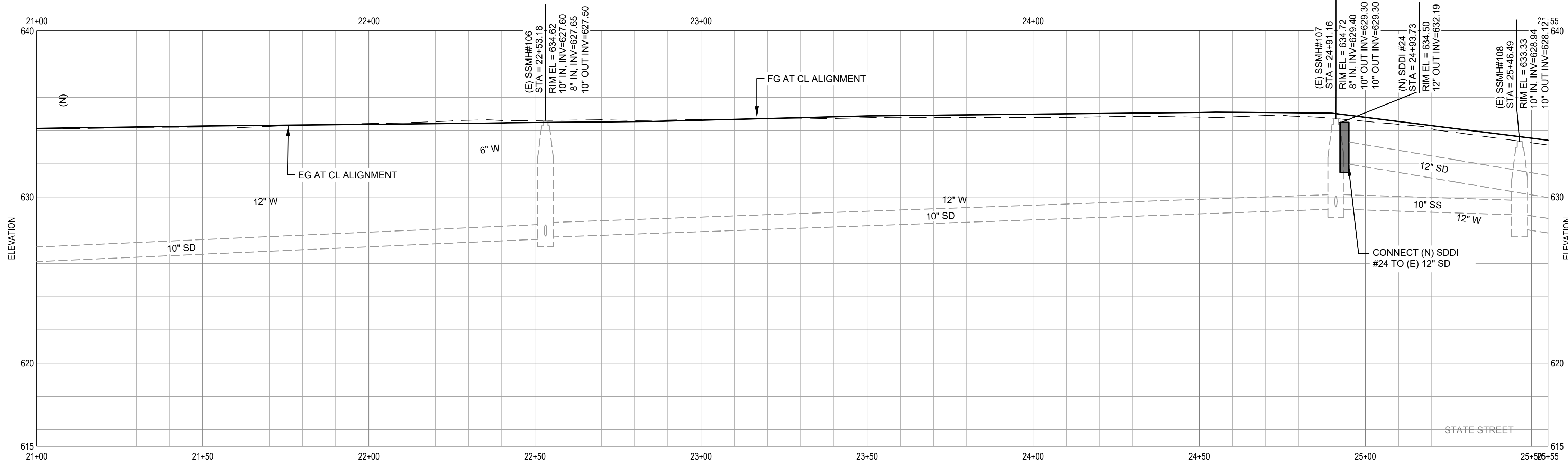
BIORETENTION AREA. SEE DETAILS ON SHEET C-505 AND LANDSCAPE PLANS FOR PLANTING, IRRIGATION, AND OTHER DETAILS

PLANTING AREA, SEE LANDSCAPE PLAN

DG TREE WELL, SEE LANDSCAPE PLAN

UTILITY PLAN STATE STREET

SCALE: 1" = 20'



UTILITY PROFILE STATE STREET

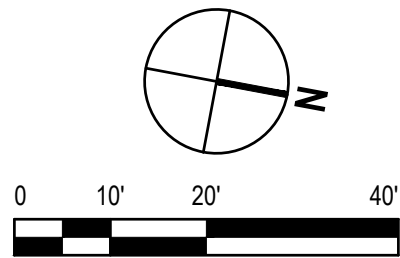
SCALE: HORIZ 1"=20', VERT 1"=4'

SHEET GENERAL NOTES

- ADJUST ALL UTILITY COVERS TO FINISH GRADE IN PAVEMENT OVERLAY AREAS.
- REPLACE ALL (E) UTILITY COVERS AND BOXES WITH (N) UTILITY COVERS AND BOXES IN PAVEMENT RECONSTRUCTION AREAS.
- COORDINATE WITH CITY OF UKIAH ELECTRIC DEPARTMENT ON ALL ELECTRICAL IMPROVEMENTS.

SHEET KEYNOTES

- INSTALL CALTRANS PRECAST DRAINAGE INLET TYPE G0 PLAN D73E.
- INSTALL CALTRANS PRECAST DRAINAGE INLET TYPE G0 PLAN D73E, CONNECT TO (E) STORM DRAIN.
- INSTALL PRECAST 12X12 CONCRETE DROP INLET.
- INSTALL PRECAST 12X12 CONCRETE DROP INLET WITH CUT IN TEE TO (E) STORM DRAIN.
- INSTALL PRECAST 24X24 CONCRETE DROP INLET.
- INSTALL RCP STORM DRAIN PIPE.
- INSTALL PRECAST 24X24 DRAINAGE INLET WITH CAST IN PLACE FRAME AND TRAFFIC RATED GRATE.
- INSTALL BIORETENTION AREA TYPE 1
- INSTALL BIORETENTION AREA TYPE 2
- INSTALL INFLOW CURB CUTOUT
- INSTALL OVERFLOW CURB CUTOUT
- ADJUST MANHOLE TO GRADE.
- REMOVE MANHOLE, INSTALL RCP STORM DRAIN PIPE TO CONNECT EXISTING PIPES.



CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT

UTILITY PLAN & PROFILE
STATE STREET STA. 21+00 - STA. 25+50

PROJ NO: 11191705
DRWN: CP CHKD: JS

U-105

SHEET 23 OF 121

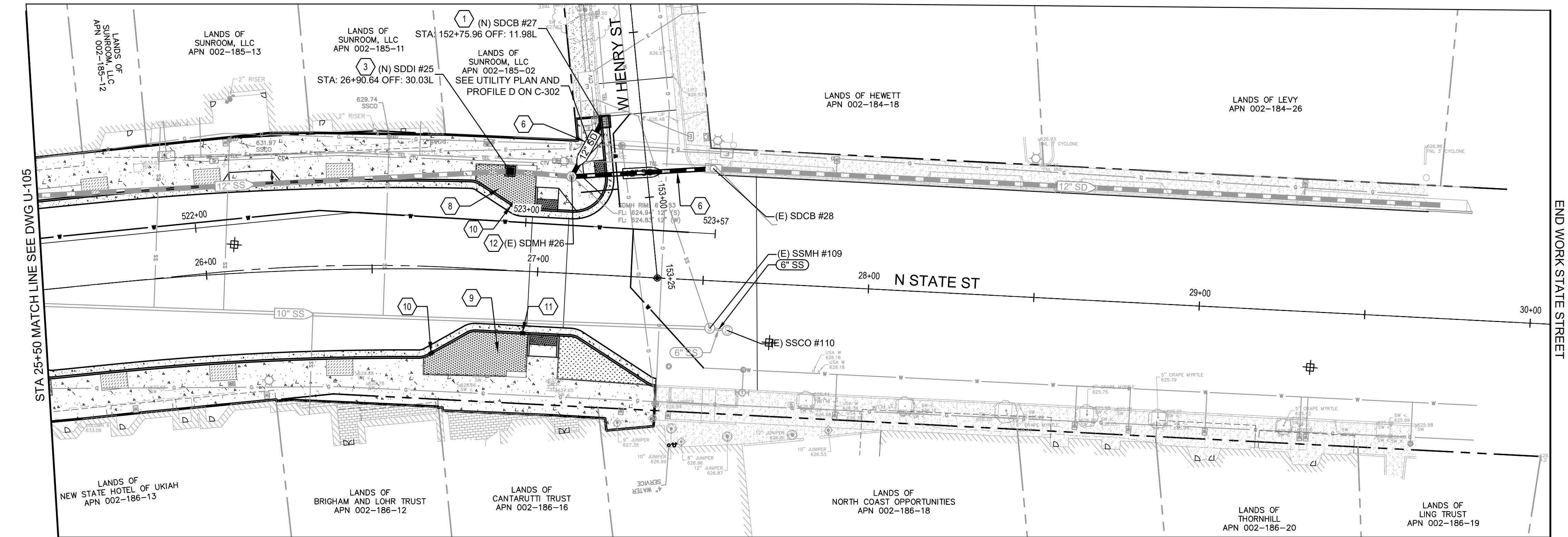
GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95407, USA
Tel: 707.527.1000 F: 707.527.8879
W: www.ghd.com



REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE

2019-11-11 3:13 PM KHARVEY
NAUSSANTA ROSA PROJECTS\58111191705\DIGITAL_DESIGN\2018\PROJECTS\CIVIL\1191705_U-101.DWG



END WORK STATE STREET

UTILITY LEGEND

CONCRETE SIDEWALK PER CITY STD 101 AND CITY STD 102 ON SHEET C-501. SEE LANDSCAPE PLANS FOR SCORE MARKS AND FINISHES

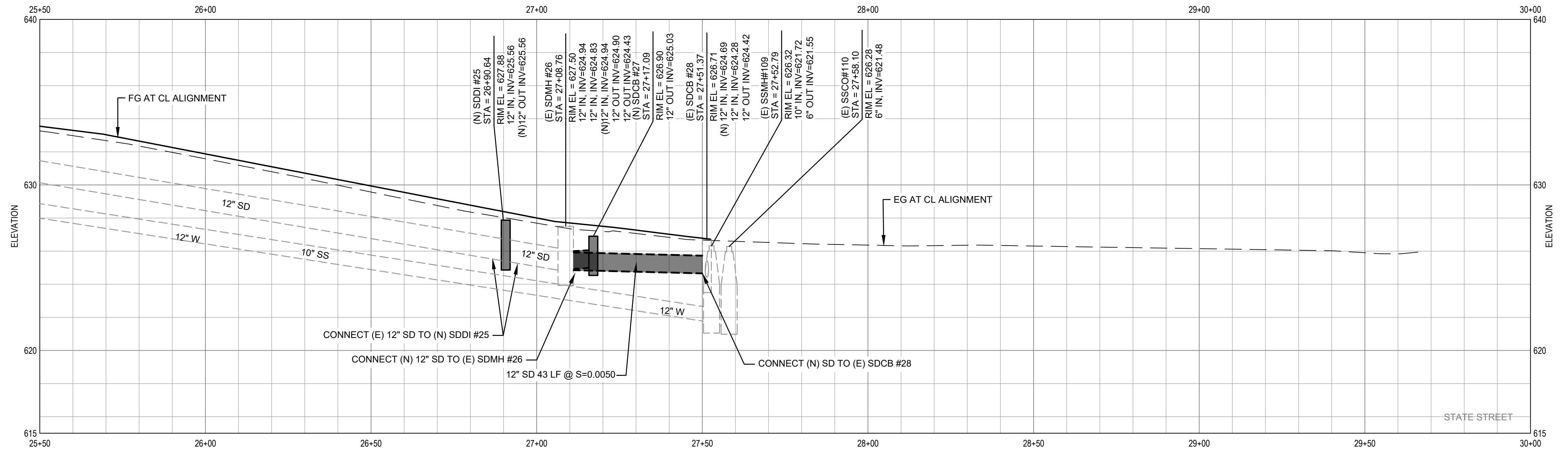
BIORETENTION AREA. SEE DETAILS ON SHEET C-505 AND LANDSCAPE PLANS FOR PLANTING, IRRIGATION, AND OTHER DETAILS

PLANTING AREA, SEE LANDSCAPE PLAN

DG TREE WELL, SEE LANDSCAPE PLAN

UTILITY PLAN STATE STREET

SCALE: 1" = 20'



UTILITY PROFILE STATE STREET

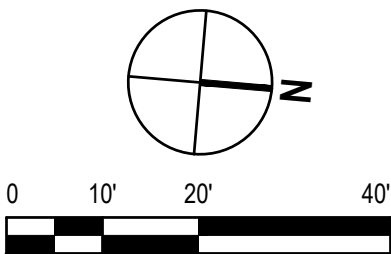
SCALE: HORIZ 1"=20', VERT 1"=4'

SHEET GENERAL NOTES

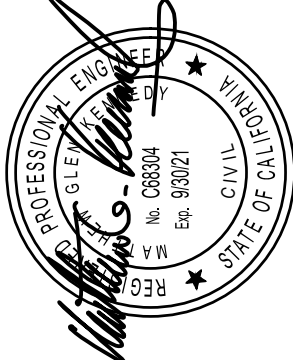
- ADJUST ALL UTILITY COVERS TO FINISH GRADE IN PAVEMENT OVERLAY AREAS.
- REPLACE ALL (E) UTILITY COVERS AND BOXES WITH (N) UTILITY COVERS AND BOXES IN PAVEMENT RECONSTRUCTION AREAS.
- COORDINATE WITH CITY OF UKIAH ELECTRIC DEPARTMENT ON ALL ELECTRICAL IMPROVEMENTS.

SHEET KEYNOTES

- INSTALL CALTRANS PRECAST DRAINAGE INLET TYPE G0 PLAN D73E.
- INSTALL CALTRANS PRECAST DRAINAGE INLET TYPE G0 PLAN D73E, CONNECT TO (E) STORM DRAIN.
- INSTALL PRECAST 12X12 CONCRETE DROP INLET.
- INSTALL PRECAST 12X12 CONCRETE DROP INLET WITH CUT IN TEE TO (E) STORM DRAIN.
- INSTALL PRECAST 24X24 CONCRETE DROP INLET.
- INSTALL RCP STORM DRAIN PIPE.
- INSTALL PRECAST 24X24 DRAINAGE INLET WITH CAST IN PLACE FRAME AND TRAFFIC RATED GRATE.
- INSTALL BIORETENTION AREA TYPE 1
- INSTALL BIORETENTION AREA TYPE 2
- INSTALL INFLOW CURB CUTOUT
- INSTALL OVERFLOW CURB CUTOUT
- ADJUST MANHOLE TO GRADE.
- REMOVE MANHOLE. INSTALL RCP STORM DRAIN PIPE TO CONNECT EXISTING PIPES.



GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95403, USA
Tel: 707.527.1000 Fax: 707.527.18679
W: www.ghd.com



REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE

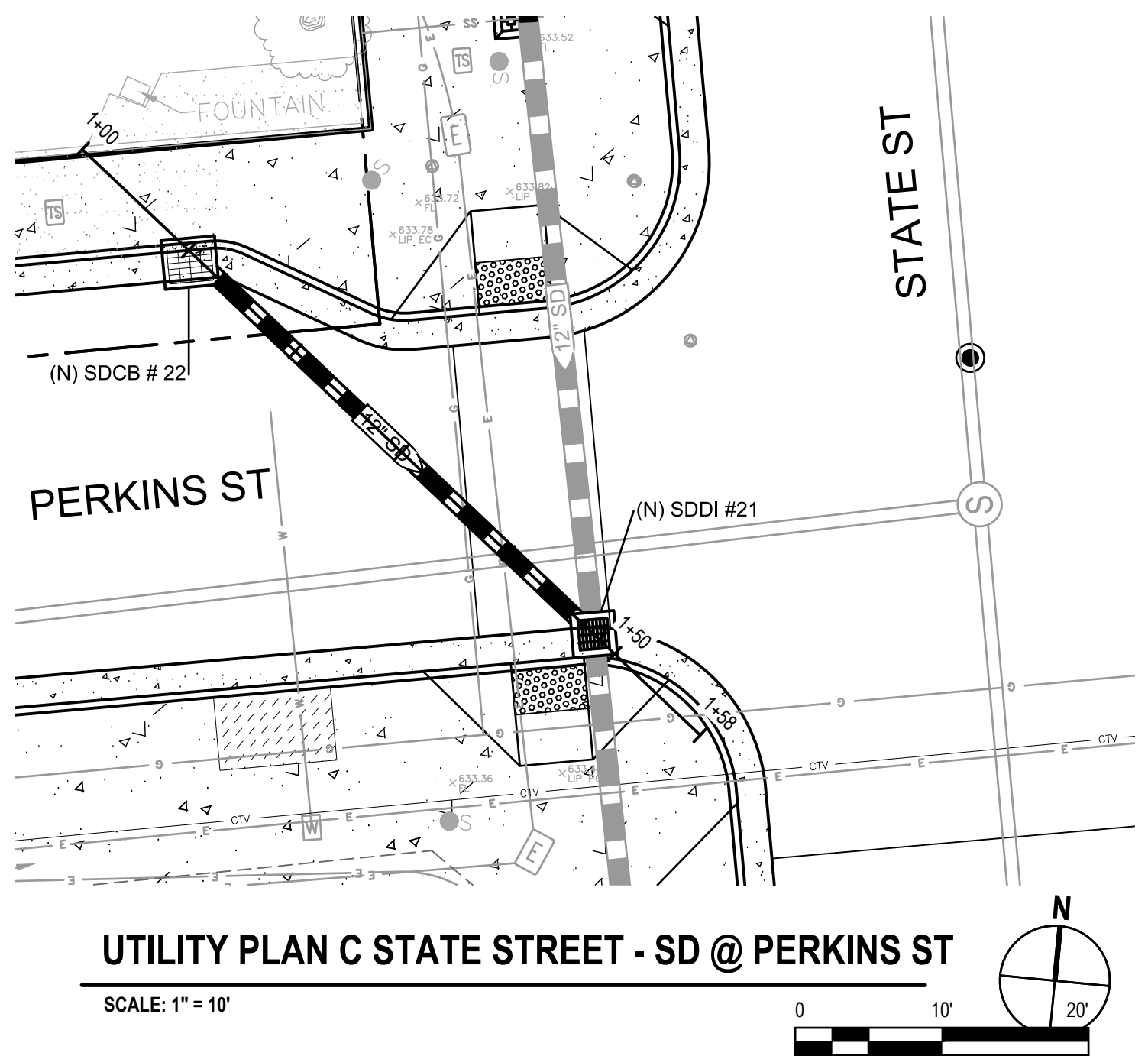
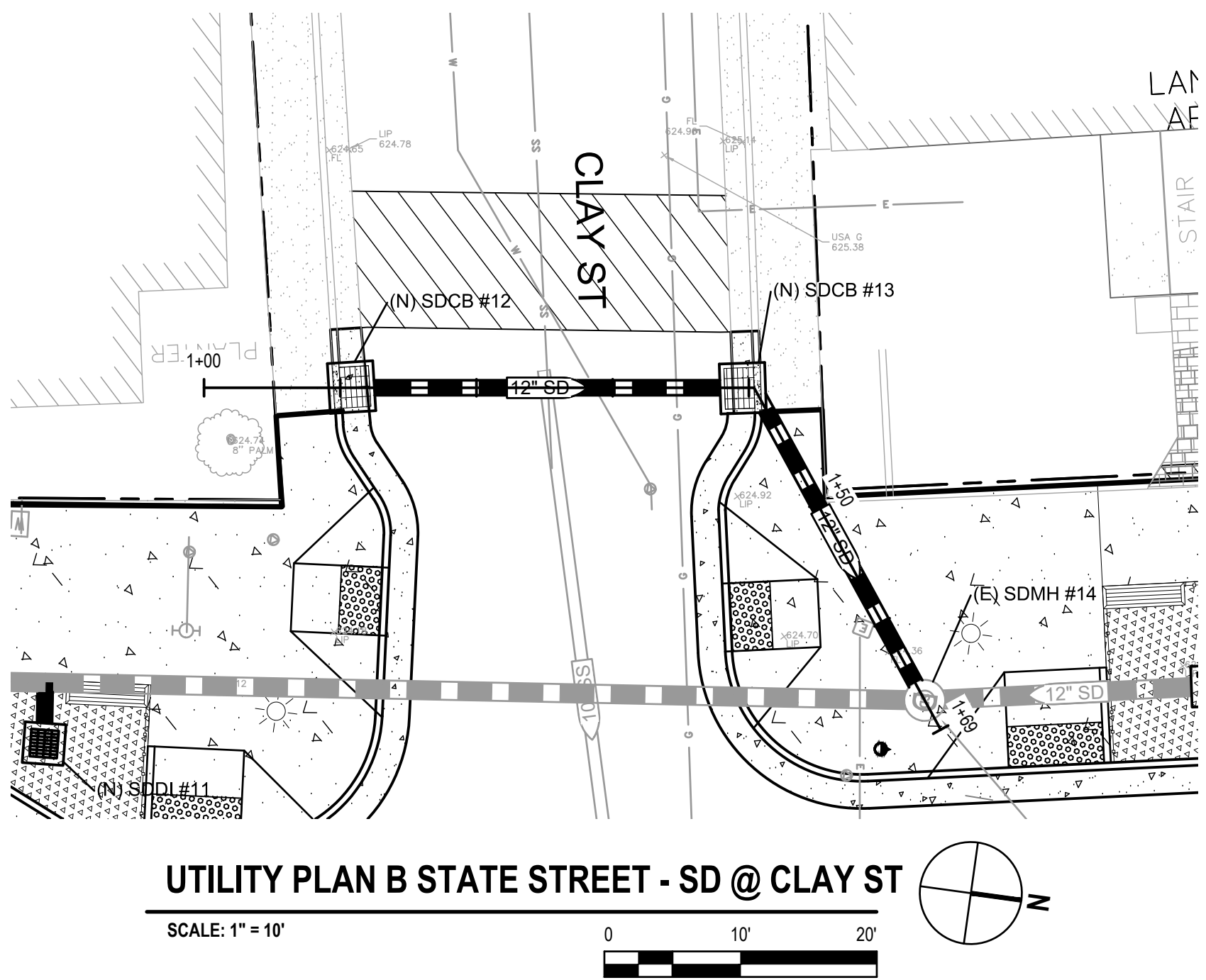
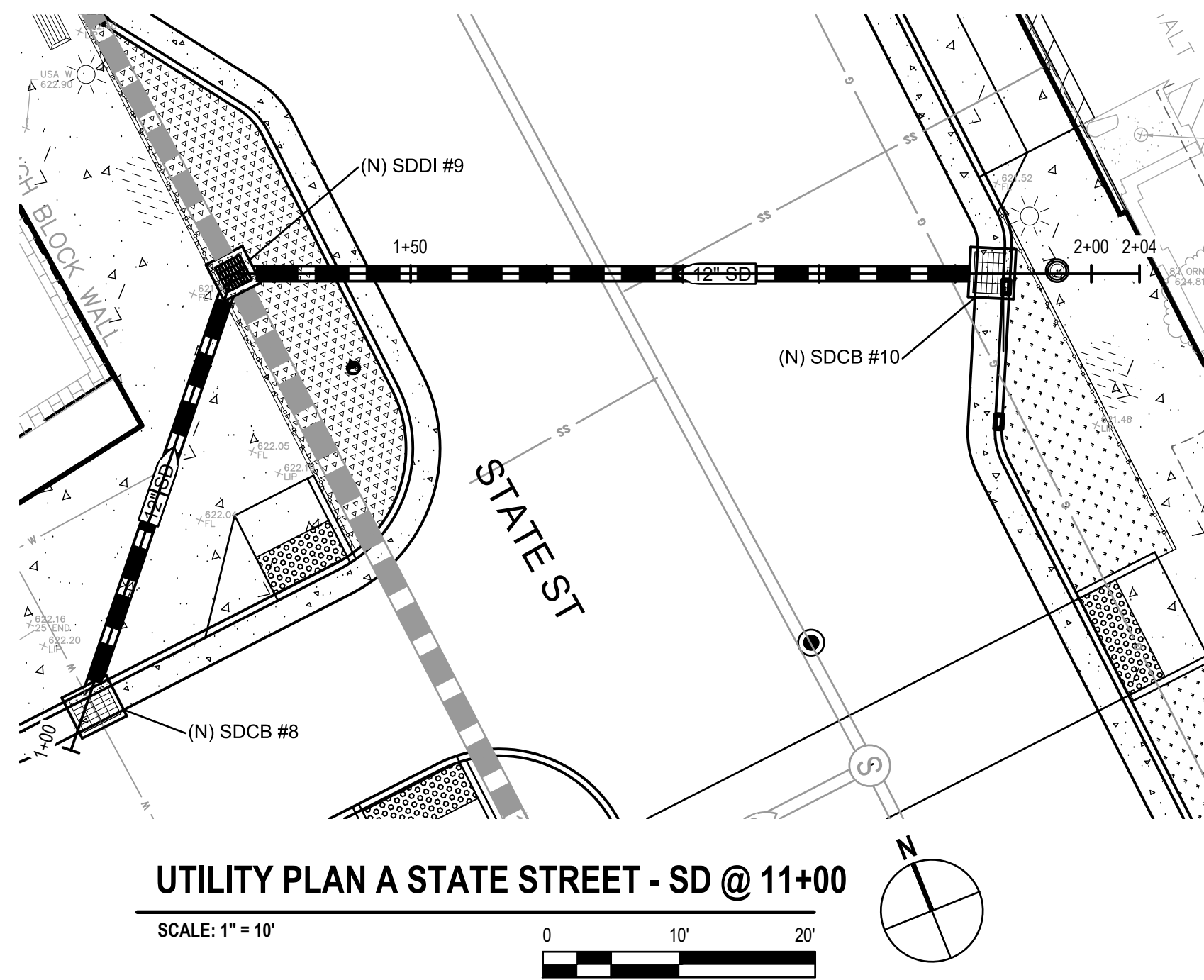
CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
UTILITY PLAN & PROFILE
STATE STREET STA. 25+50 - STA. 30+00

PROJ NO: 11191705
DRWN: CP CHKD: JS

U-106

SHEET 24 OF 121

2019-11-12 9:22 AM KHARVEY
NAUSSANTA ROSA PROJECTS\56111191705\DIGITAL_DESIGNACAD 2018\SHEETS\CIVIL\1191705_U-301.DWG



SHEET GENERAL NOTES

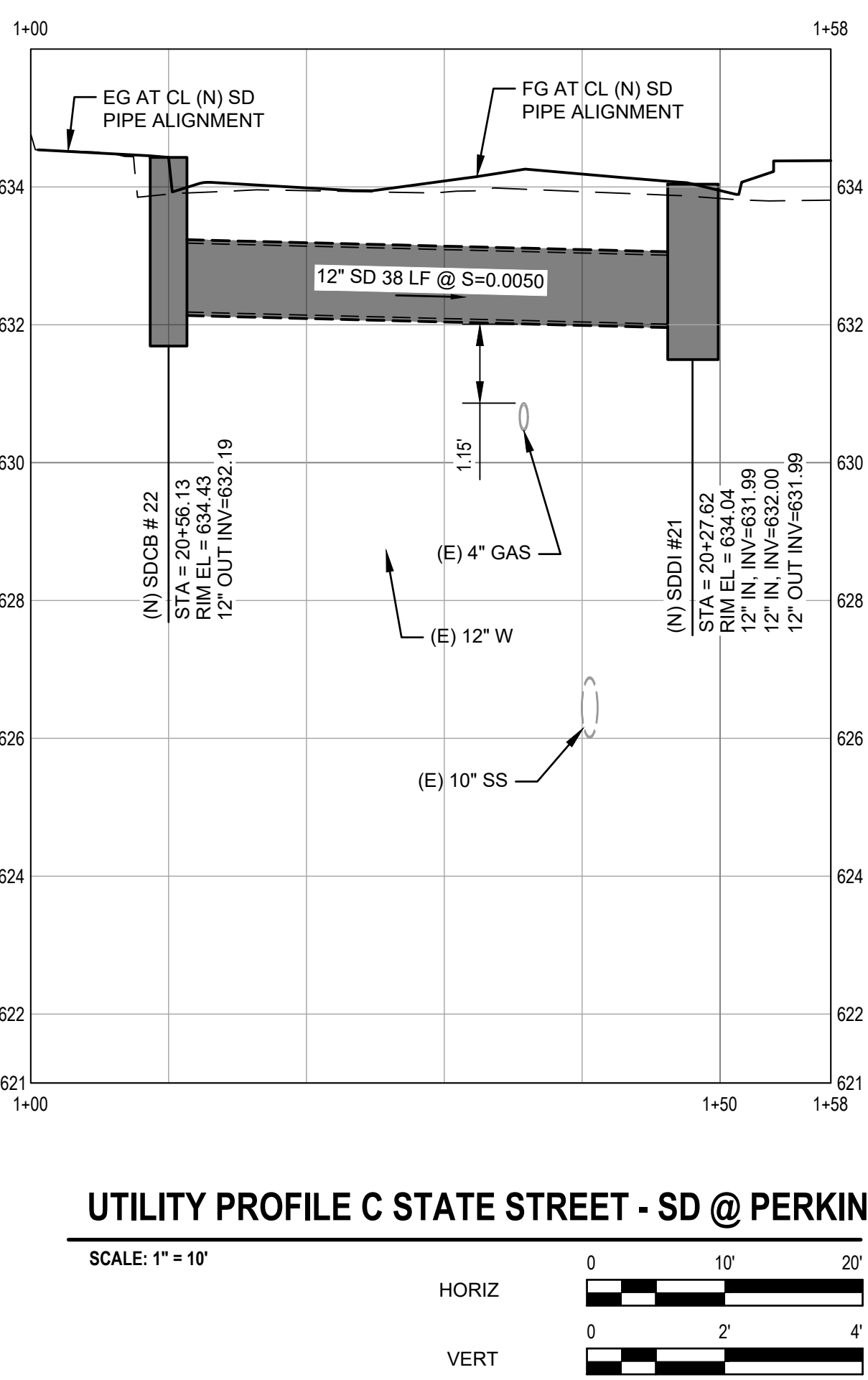
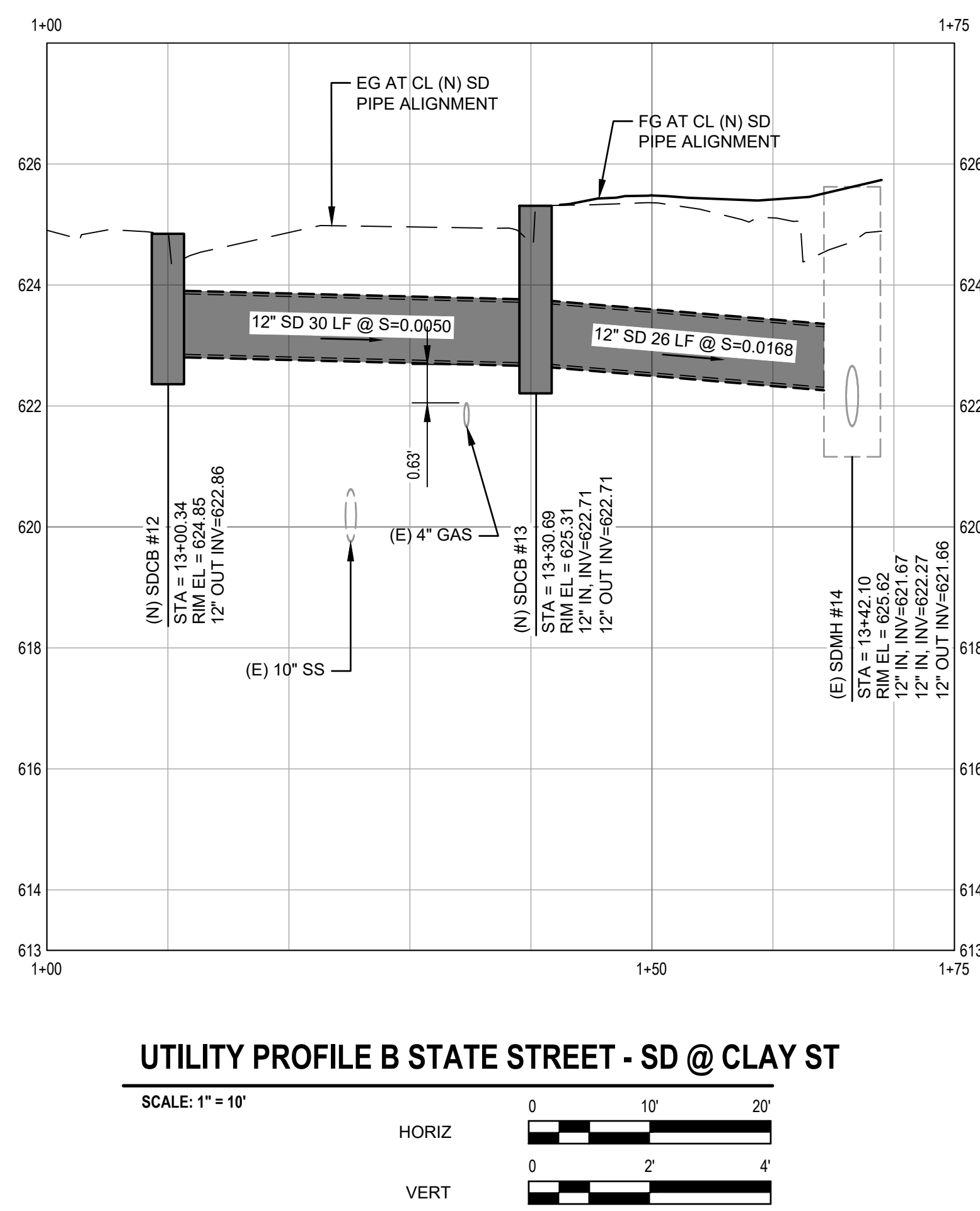
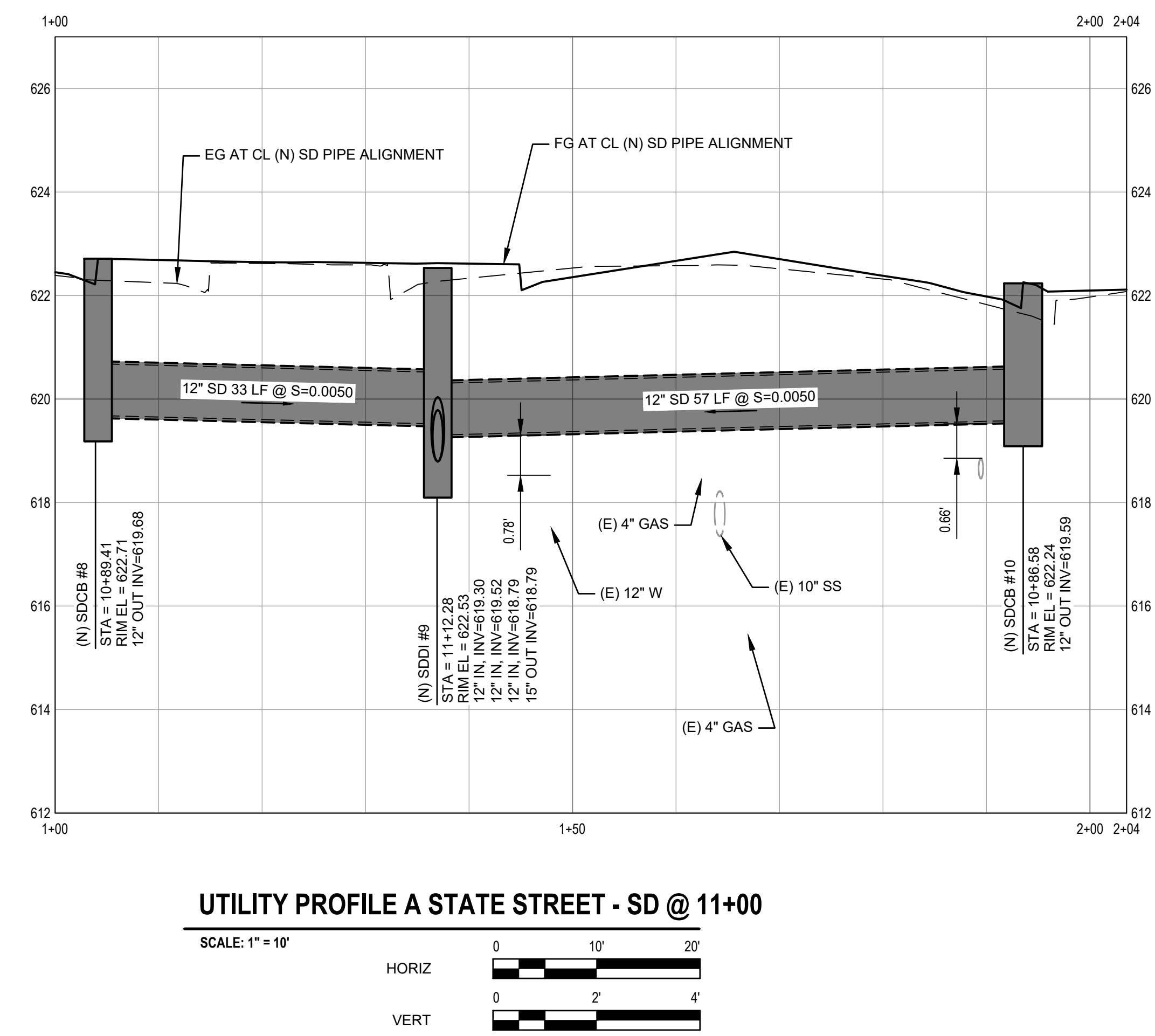
- SEE UTILITY PLAN AND PROFILE SHEETS FOR ADDITIONAL INFORMATION NOT SHOWN.

BAR IS ONE INCH ON ORIGINAL DRAWING

REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD



11/12/2019

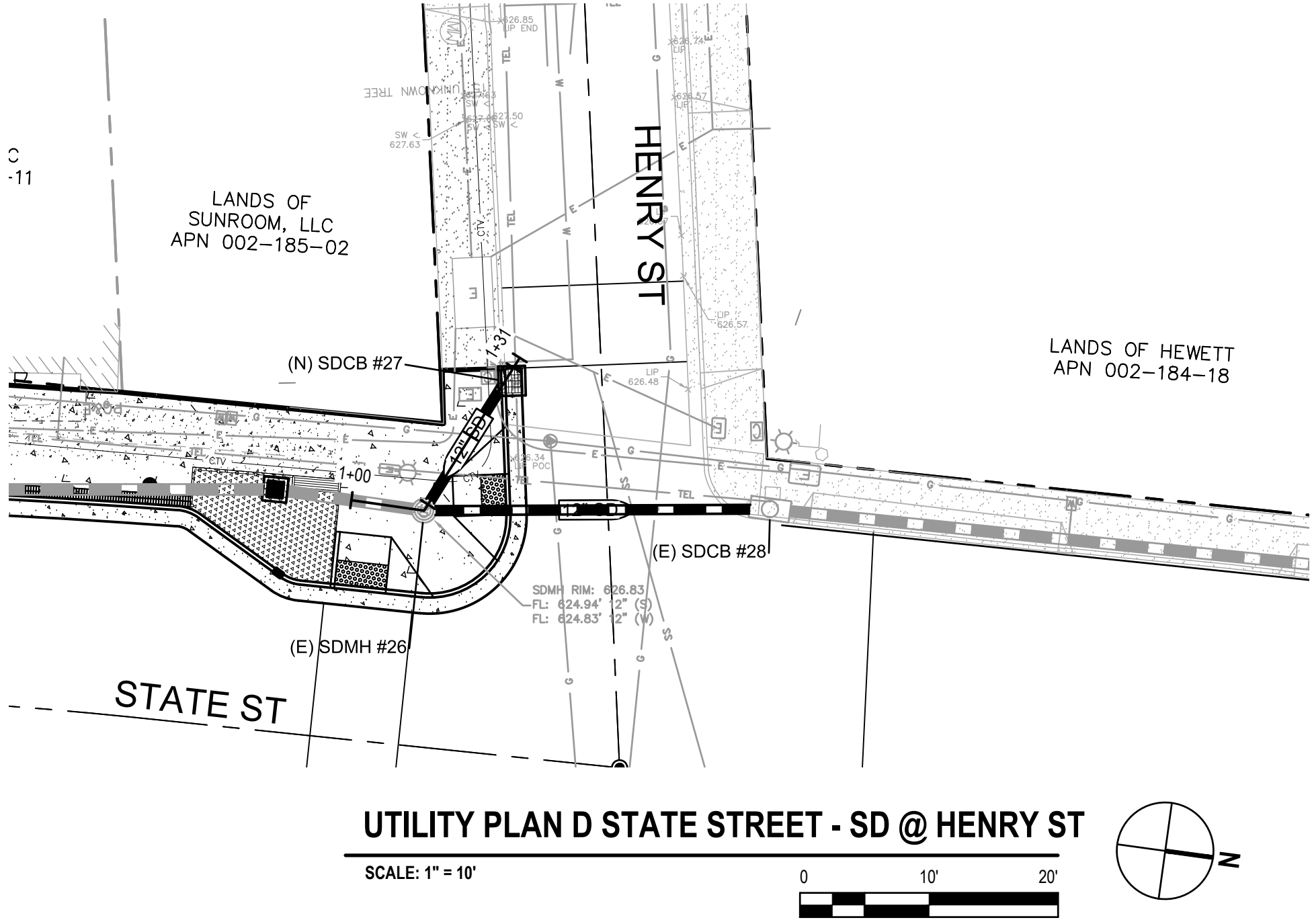


CITY OF UKIAH DOWNTOWN STREETSCAPE AND ROAD DIET PROJECT UTILITY CROSSING PLAN AND PROFILE - 1

PROJ NO: 11191705
DRWN: CP CHKD: JS

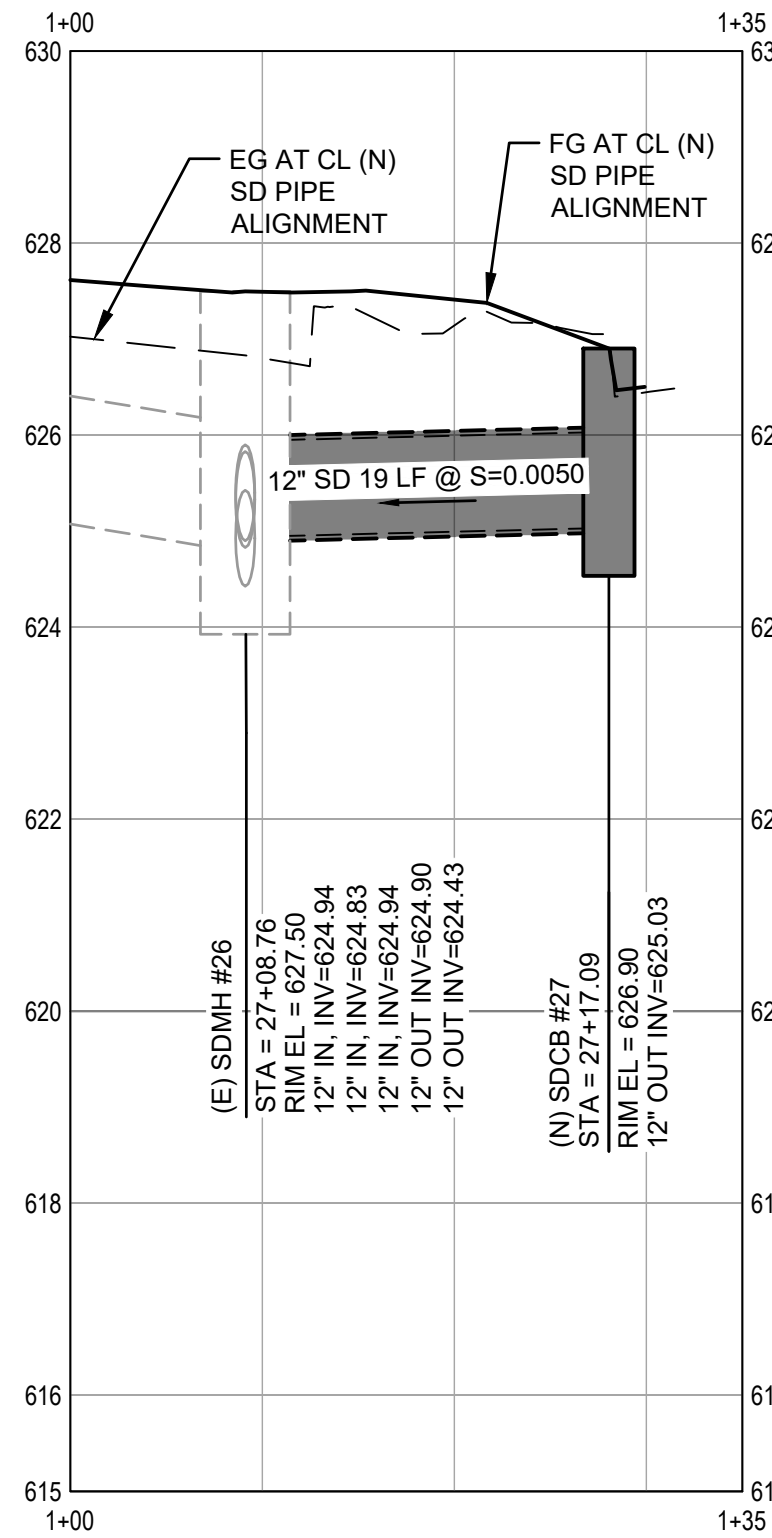
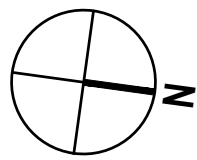
U-301

SHEET 25 OF 121



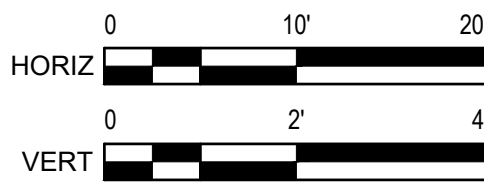
UTILITY PLAN D STATE STREET - SD @ HENRY ST

SCALE: 1" = 10'



UTILITY PROFILE D STATE STREET - SD @ HENRY ST

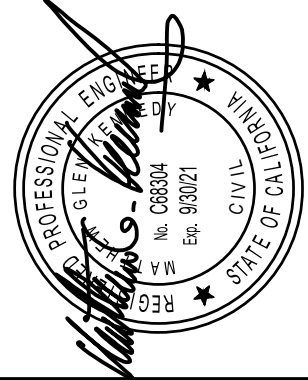
SCALE: 1" = 10'





GHD Inc.

2235 Mercury Way, Suite 150
San Jose, California 95131, USA
T 408.551.0100 F 408.527.8879
W www.ghd.com



BAR IS ONE INCH ON ORIGINAL DRAWING

0

1"

REUSE OF DOCUMENTS

This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	11/12/2019			

CITY OF UKIAH

DOWNTOWN STREETSCAPE AND ROAD DIET PROJECT

UTILITY CROSSING PLAN AND PROFILE - 2

PROJ NO: 11191705

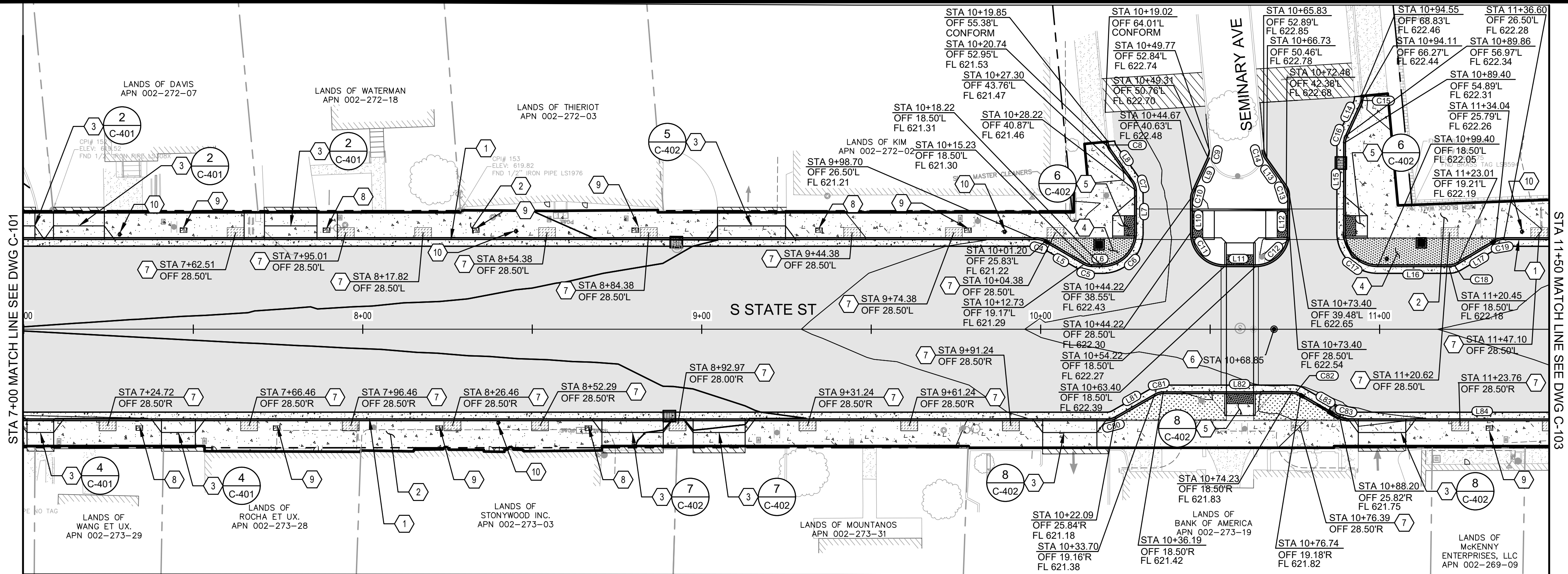
DRWN: CP CHKD: JS

U-302

SHEET 26 OF 121

Page 51 of 691

2019-11-11 3:17 PM KHARVEY
NAUSSANTA ROSA PROJECTS\5611119\705\DIGITAL_DESIGN\ACAD 2018\SHEETS\CIVIL\1191705_C-101.DWG



CONSTRUCTION LEGEND

- HMA PAVEMENT PER TYPICAL SECTIONS ON SHEETS G-006, G-007, AND G-008
- CONCRETE CURB AND GUTTER PER CITY STD 102 ON SHEET C-501
- CONCRETE SIDEWALK PER CITY STD 101 AND CITY STD 102 ON SHEET C-501. SEE LANDSCAPE PLANS FOR SCORE MARKS AND FINISHES
- BIORETENTION AREA. SEE DETAILS ON SHEET C-505 AND LANDSCAPE PLANS FOR PLANTING, IRRIGATION, AND OTHER DETAILS
- PLANTING AREA, SEE LANDSCAPE PLAN
- (N) OVERLAY TO (E) PAVEMENT CONFORM PER DETAIL 2 ON SHEET C-503
- DG TREE WELL, SEE LANDSCAPE PLAN

LINE TABLE

LINE #	LENGTH	DIRECTION
L5	13.32	S24°48'12"W
L6	2.99	N5°11'48"W
L7	12.37	N84°48'12"E
L8	11.28	N49°23'58"E
L9	11.15	S70°36'02"E
L10	10.05	N84°48'12"E
L11	9.18	N5°11'48"W
L12	10.98	N84°48'12"E

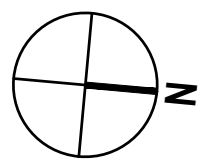
LINE TABLE

LINE #	LENGTH	DIRECTION
L13	9.92	N49°23'58"E
L14	10.23	S70°36'02"E
L15	26.39	N84°48'12"E
L16	21.05	N5°11'48"W
L17	12.84	N36°02'44"W
L81	13.40	N35°03'43"W
L82	38.04	N5°11'48"W
L83	13.25	N24°55'36"E

LINE TABLE

LINE #	LENGTH	DIRECTION
L84	163.72	N5°11'48"W

SCALE: 1" = 20'



CURVE TABLE

CURVE #	LENGTH	RADIUS	DELTA
C4	2.62	5.00	30°00'00"
C5	2.62	5.00	30°00'00"
C6	15.71	10.00	90°00'00"
C7	3.09	5.00	35°24'13"
C8	2.62	5.00	30°00'00"
C9	2.15	5.00	24°35'47"
C10	2.15	5.00	24°35'47"
C11	15.71	10.00	90°00'00"

CURVE TABLE

CURVE #	LENGTH	RADIUS	DELTA
C12	15.71	10.00	90°00'00"
C13	3.09	5.00	35°24'13"
C14	2.62	5.00	30°00'00"
C15	2.62	5.00	30°00'00"
C16	2.15	5.00	24°35'47"
C17	15.71	10.00	90°00'00"
C18	2.69	5.00	30°50'56"
C19	2.69	5.00	30°50'56"

CURVE TABLE

CURVE #	LENGTH	RADIUS	DELTA
C80	2.61	5.00	29°51'55"
C81	2.61	5.00	29°51'55"
C82	2.63	5.00	30°07'24"
C83	2.63	5.00	30°07'24"

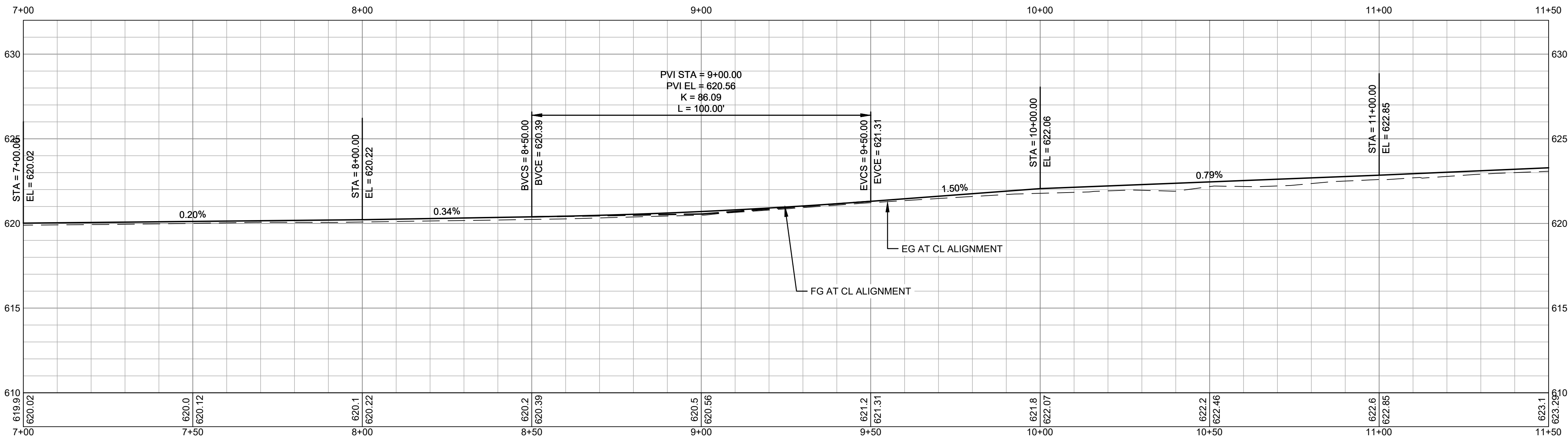
SHEET GENERAL NOTES

- CONTRACTOR SHALL PERFORM ALL UNDERGROUND UTILITY WORK, CONCRETE WORK, SURFACE RESTORATION WORK, AND PERFORM ALL DIGOUT AND REPAIR WORK, SUCH AS PLACING LEVELING COURSE AND SEPARATION FABRIC, PRIOR TO FINAL HOT MIX PAVING.
- APPLY TACK COAT TO ALL ADJACENT (E) AC IMPROVEMENTS OR CONCRETE SURFACES AND AT JOINT BETWEEN (E) AND (N) IMPROVEMENTS.
- SEE SHEETS G-006, G-007, AND G-008 FOR TYPICAL SECTIONS.
- SEE CURB RAMPS AND DRIVEWAYS ENLARGED PLANS FOR HORIZONTAL AND VERTICAL INFORMATION NOT SHOWN.

SHEET KEYNOTES

- INSTALL CURB AND GUTTER PER CITY STANDARD 102
- INSTALL SIDEWALK PER CITY STANDARD 102
- INSTALL DRIVEWAY APPROACH PER CITY STANDARD 102
- INSTALL BIORETENTION AREA. SEE UTILITY AND LANDSCAPE PLANS
- INSTALL CURB RAMP PER CITY STANDARD 111
- INSTALL STREET MONUMENT PER CITY STANDARD 140
- TREE AND TREE WELL. SEE LANDSCAPE PLAN FOR DETAILS
- INSTALL SINGLE HEAD PARKING METER POST.
- INSTALL DOUBLE HEAD PARKING METER POST.
- WETSET AND INSTALL 1-1/2" DIAMETER 4" LONG PVC SLEEVE FOR FLAG POLE POST.

LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM AVAILABLE RECORD MAPS, EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (USA) AT (800) 227-2600 OR DIAL 811 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION AND POTHOLE FOR EXACT LOCATION.



IMPROVEMENT PROFILE STATE STREET

SCALE: HORIZ 1"=20', VERT 1"=4'

GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95405, USA
T 707.527.8879
F 707.527.8879
W www.ghd.com



REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	11/12/2019			

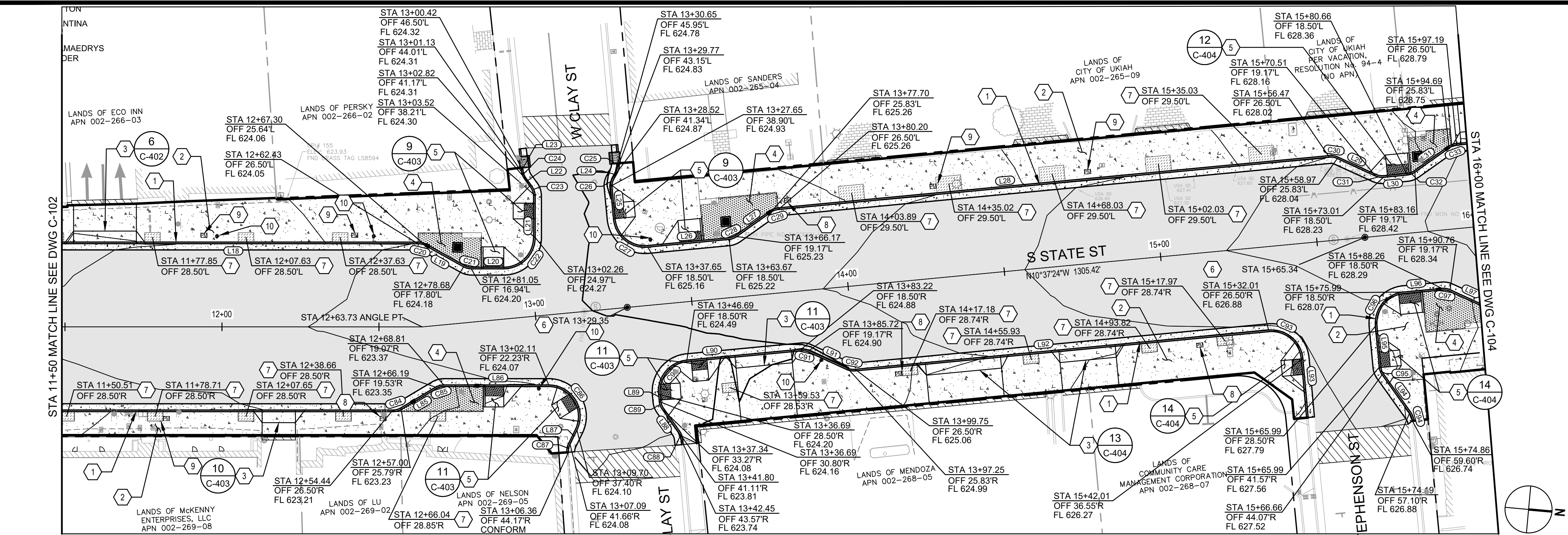
CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
IMPROVEMENT PLAN & PROFILE
STATE STREET STA. 7+00 - STA. 11+50

PROJ NO: 11191705
DRWN: CP
CHKD: JS

C-102

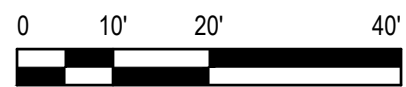
SHEET 28 OF 121

2019-11-11 3:18 PM KHARVEY
NAUSANTA ROSA\PROJECTS\56111191705\DIGITAL_DESIGN\ACAD 2018\SHEETS\CIVIL\1191705_C-101.DWG



IMPROVEMENT PLAN STATE STREET

SCALE: 1" = 20'



CONSTRUCTION LEGEND

- HMA PAVEMENT PER TYPICAL SECTIONS ON SHEETS G-006, G-007, AND G-008
- CONCRETE CURB AND GUTTER PER CITY STD 102 ON SHEET C-501
- CONCRETE SIDEWALK PER CITY STD 101 AND CITY STD 102 ON SHEET C-501. SEE LANDSCAPE PLANS FOR SCORE MARKS AND FINISHES
- BIORETENTION AREA. SEE DETAILS ON SHEET C-505 AND LANDSCAPE PLANS FOR PLANTING, IRRIGATION, AND OTHER DETAILS
- PLANTING AREA. SEE LANDSCAPE PLAN
- (N) OVERLAY TO (E) PAVEMENT CONFORM PER DETAIL 2 ON SHEET C-503
- DG TREE WELL. SEE LANDSCAPE PLAN

LINE TABLE			
LINE #	LENGTH	DIRECTION	
L18	125.82	N5°11'48"W	
L19	13.82	N23°57'16"E	
L20	10.36	N5°11'48"W	
L21	13.30	S84°48'12"W	
L22	3.30	S48°30'48"W	
L23	1.02	S78°30'48"W	
L24	2.20	S66°02'44"E	
L25	10.40	N79°22'36"E	

LINE TABLE			
LINE #	LENGTH	DIRECTION	
L26	26.02	S10°37'24"E	
L27	13.32	N40°37'30"W	
L28	176.27	S10°37'24"E	
L29	13.32	S19°22'30"W	
L30	7.65	S10°37'24"E	
L31	13.32	N40°37'30"W	
L85	12.84	N36°02'44"W	
L86	33.45	N5°11'48"W	

LINE TABLE			
LINE #	LENGTH	DIRECTION	
L87	4.99	S69°09'37"E	
L88	9.01	N49°44'47"E	
L89	2.30	S79°22'36"W	
L90	36.53	S10°37'24"E	
L91	13.32	N19°22'30"E	
L92	132.26	S10°37'24"E	
L93	18.86	S79°39'43"W	
L94	15.04	N49°22'30"E	

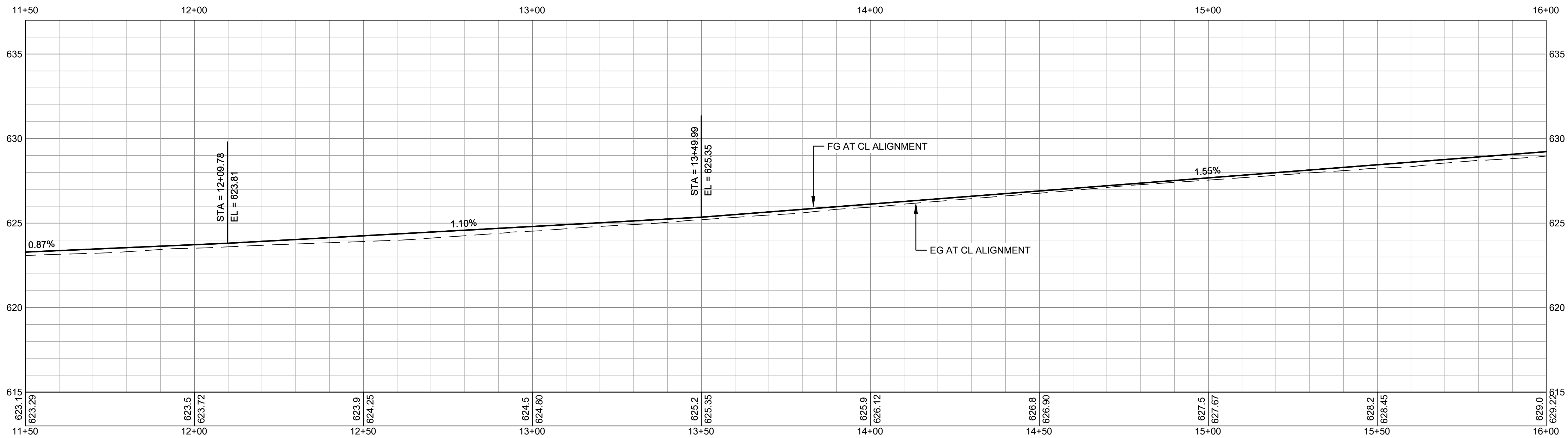
LINE TABLE			
LINE #	LENGTH	DIRECTION	
L95	13.07	N79°22'36"E	
L96	12.27	S10°37'24"E	
L97	13.32	S19°22'30"W	

CURVE TABLE				
CURVE #	LENGTH	RADIUS	DELTA	
C20	2.54	5.00	29°09'04"	
C21	2.54	5.00	29°09'04"	
C22	15.71	10.00	90°00'00"	
C23	3.09	5.00	35°26'28"	
C24	2.62	5.00	30°00'00"	
C25	2.98	5.00	34°09'56"	
C26	2.62	5.00	30°00'00"	
C27	15.71	10.00	90°00'00"	

CURVE TABLE				
CURVE #	LENGTH	RADIUS	DELTA	
C28	2.62	5.00	30°00'06"	
C29	2.62	5.00	30°00'06"	
C30	2.62	5.00	29°59'54"	
C31	2.62	5.00	29°59'54"	
C32	2.62	5.00	30°00'06"	
C33	2.62	5.00	30°00'06"	
C84	2.69	5.00	30°50'56"	
C85	2.69	5.00	30°50'56"	

CURVE TABLE				
CURVE #	LENGTH	RADIUS	DELTA	
C86	20.25	10.00	116°02'11"	
C87	2.64	5.00	30°15'36"	
C88	2.58	5.00	29°35'09"	
C89	2.59	5.00	29°37'49"	
C90	15.71	10.00	90°00'00"	
C91	2.62	5.00	29°59'54"	
C92	2.62	5.00	29°59'54"	
C93	15.76	10.00	90°17'07"	

CURVE TABLE				
CURVE #	LENGTH	RADIUS	DELTA	
C94	2.62	5.00	29°59'34"	
C95	2.62	5.00	30°00'06"	
C96	15.71	10.00	90°00'00"	
C97	2.62	5.00	29°59'54"	



IMPROVEMENT PROFILE STATE STREET

SCALE: HORIZ 1"=20', VERT 1"=4'

SHEET GENERAL NOTES

- CONTRACTOR SHALL PERFORM ALL UNDERGROUND UTILITY WORK, CONCRETE WORK, SURFACE RESTORATION WORK, AND PERFORM ALL DIGOUT AND REPAIR WORK, SUCH AS PLACING LEVELING COURSE AND SEPARATION FABRIC, PRIOR TO FINAL HOT MIX PAVING.
- APPLY TACK COAT TO ALL ADJACENT (E) AC IMPROVEMENTS OR CONCRETE SURFACES AND AT JOINT BETWEEN (E) AND (N) IMPROVEMENTS.
- SEE SHEETS G-006, G-007, AND G-008 FOR TYPICAL SECTIONS.
- SEE CURB RAMPS AND DRIVEWAYS ENLARGED PLANS FOR HORIZONTAL AND VERTICAL INFORMATION NOT SHOWN.

LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM AVAILABLE RECORD MAPS, EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (USA) AT (800) 227-2600 OR DIAL 811 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION AND POTHOLE FOR EXACT LOCATION.

SHEET KEYNOTES

- INSTALL CURB AND GUTTER PER CITY STANDARD 102
- INSTALL SIDEWALK PER CITY STANDARD 102
- INSTALL DRIVEWAY APPROACH PER CITY STANDARD 102
- INSTALL BIORETENTION AREA. SEE UTILITY AND LANDSCAPE PLANS
- INSTALL CURB RAMP PER CITY STANDARD 111
- INSTALL STREET MONUMENT PER CITY STANDARD 140
- TREE AND TREE WELL. SEE LANDSCAPE PLAN FOR DETAILS
- INSTALL SINGLE HEAD PARKING METER POST.
- INSTALL DOUBLE HEAD PARKING METER POST.
- WETSET AND INSTALL 1-1/2" DIAMETER 4" LONG PVC SLEEVE FOR FLAG POLE POST.

CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT

IMPROVEMENT PLAN & PROFILE
STATE STREET STA. 11+50 - STA. 16+00

PROJ NO: 11191705
DRWN: CP CHKD: JS

C-103

SHEET 29 OF 121

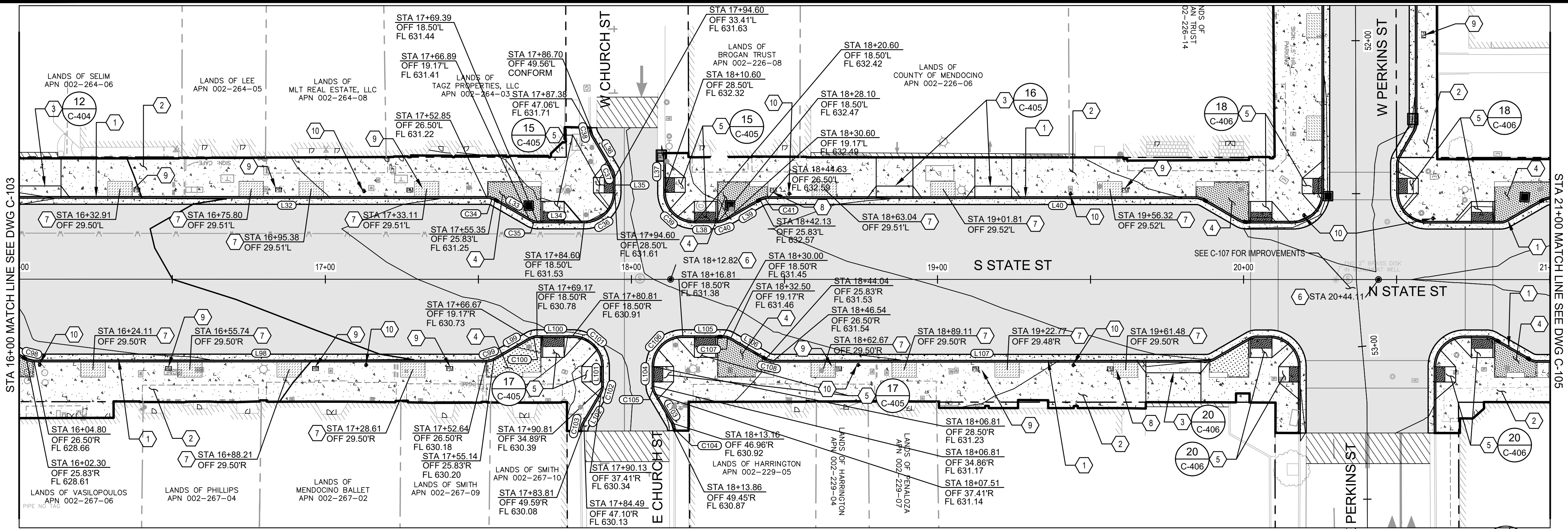
GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95407, USA
Tel: 707.527.1869
Fax: 707.527.1879
W: www.ghd.com



BAR IS ONE INCH ON ORIGINAL DRAWING
REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	11/12/2019			

2019-11-11 3:18 PM KHARVEY
NAUSANTA ROSA\PROJECTS\5811119\705\DIGITAL_DESIGN\CAD 2018\SHEETS\CIVIL\1191705_C-101.DWG



CONSTRUCTION LEGEND

- HMA PAVEMENT PER TYPICAL SECTIONS ON SHEETS G-006, G-007, AND G-008
- CONCRETE CURB AND GUTTER PER CITY STD 102 ON SHEET C-501
- CONCRETE SIDEWALK PER CITY STD 101 AND CITY STD 102 ON SHEET C-501. SEE LANDSCAPE PLANS FOR SCORE MARKS AND FINISHES
- BIORETENTION AREA. SEE DETAILS ON SHEET C-505 AND LANDSCAPE PLANS FOR PLANTING, IRRIGATION, AND OTHER DETAILS
- PLANTING AREA. SEE LANDSCAPE PLAN
- (N) OVERLAY TO (E) PAVEMENT CONFORM PER DETAIL 2 ON SHEET C-503
- DG TREE WELL. SEE LANDSCAPE PLAN

LINE TABLE

LINE #	LENGTH	DIRECTION
L32	155.66	S10°37'24"E
L33	13.32	S19°22'30"W
L34	15.22	S10°37'24"E
L35	4.91	N79°22'36"E
L36	12.90	S48°57'43"W
L37	12.77	N79°22'36"E
L38	7.50	N10°37'24"W
L39	13.32	N40°37'30"W

LINE TABLE

LINE #	LENGTH	DIRECTION
L40	139.80	N10°37'24"W
L98	147.84	S10°37'24"E
L99	13.32	S40°37'30"E
L100	11.64	S10°37'24"E
L101	6.38	S79°22'30"W
L102	11.21	N70°23'10"W
L103	11.10	N48°44'52"E
L104	6.36	S79°22'36"W

LINE TABLE

LINE #	LENGTH	DIRECTION
L105	13.19	N10°37'24"W
L106	13.32	N19°22'30"E
L107	141.24	N10°37'24"W

CURVE TABLE

CURVE #	LENGTH	RADIUS	DELTA
C34	2.62	5.00	29°59'54"
C35	2.62	5.00	29°59'54"
C36	15.71	10.00	90°00'00"
C37	2.65	5.00	30°24'46"
C38	2.62	5.00	30°00'00"
C39	15.71	10.00	90°00'00"
C40	2.62	5.00	30°00'06"
C41	2.62	5.00	30°00'06"

CURVE TABLE

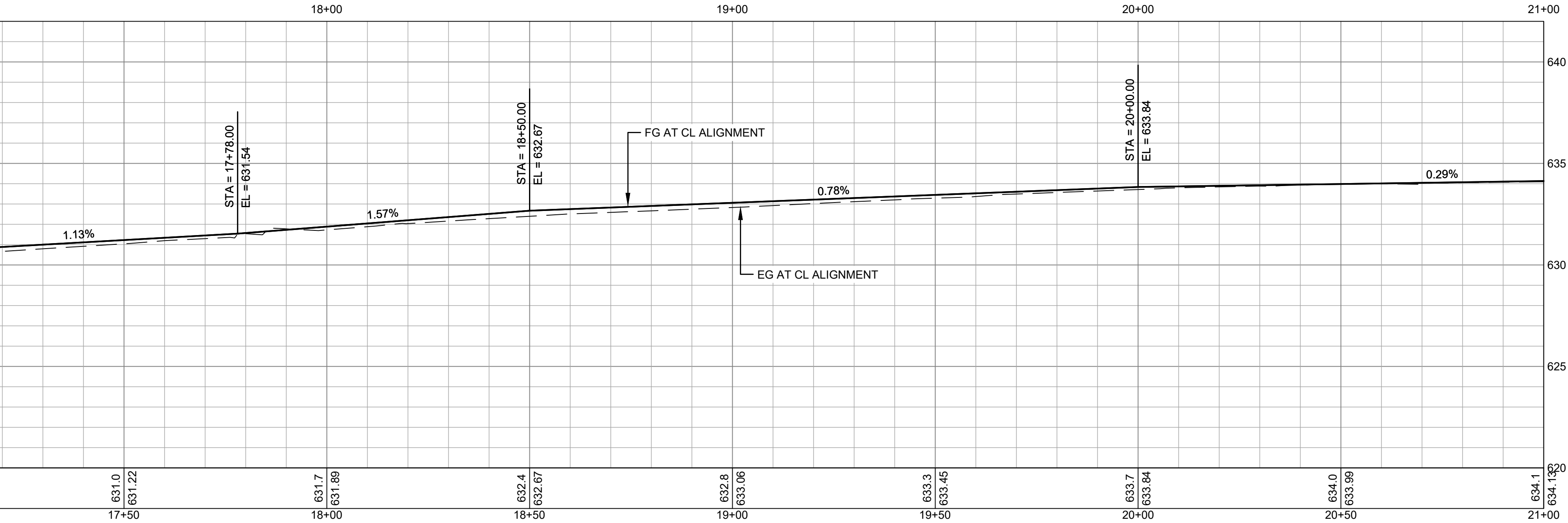
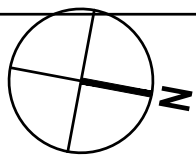
CURVE #	LENGTH	RADIUS	DELTA
C98	2.62	5.00	29°59'54"
C99	2.62	5.00	30°00'06"
C100	2.62	5.00	30°00'06"
C101	15.71	10.00	90°00'00"
C102	2.64	5.00	30°14'20"
C103	2.62	5.00	30°00'00"
C104	2.62	5.00	30°00'00"
C105	2.67	5.00	30°37'38"

CURVE TABLE

CURVE #	LENGTH	RADIUS	DELTA
C106	15.71	10.00	90°00'00"
C107	2.62	5.00	29°59'54"
C108	2.62	5.00	29°59'54"

IMPROVEMENT PLAN STATE STREET

SCALE: 1" = 20'



IMPROVEMENT PROFILE STATE STREET

SCALE: HORIZ 1"=20', VERT 1"=4'

SHEET GENERAL NOTES

- CONTRACTOR SHALL PERFORM ALL UNDERGROUND UTILITY WORK, CONCRETE WORK, SURFACE RESTORATION WORK, AND PERFORM ALL DIGOUT AND REPAIR WORK, SUCH AS PLACING LEVELING COURSE AND SEPARATION FABRIC, PRIOR TO FINAL HOT MIX PAVING.
- APPLY TACK COAT TO ALL ADJACENT (E) AC IMPROVEMENTS OR CONCRETE SURFACES AND AT JOINT BETWEEN (E) AND (N) IMPROVEMENTS.
- SEE SHEETS G-006, G-007, AND G-008 FOR TYPICAL SECTIONS.
- SEE CURB RAMPS AND DRIVEWAYS ENLARGED PLANS FOR HORIZONTAL AND VERTICAL INFORMATION NOT SHOWN.
- SEE SHEET C-107 FOR LAYOUT OF PERKINS STREET AND STATE STREET INTERSECTION.

SHEET KEYNOTES

- INSTALL CURB AND GUTTER PER CITY STANDARD 102
- INSTALL SIDEWALK PER CITY STANDARD 102
- INSTALL DRIVEWAY APPROACH PER CITY STANDARD 102
- INSTALL BIORETENTION AREA. SEE UTILITY AND LANDSCAPE PLANS
- INSTALL CURB RAMP PER CITY STANDARD 111
- INSTALL STREET MONUMENT PER CITY STANDARD 140
- TREE AND TREE WELL. SEE LANDSCAPE PLAN FOR DETAILS
- INSTALL SINGLE HEAD PARKING METER POST.
- INSTALL DOUBLE HEAD PARKING METER POST.
- WETSET AND INSTALL 1-1/2" DIAMETER 4" LONG PVC SLEEVE FOR FLAG POLE POST.

LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM AVAILABLE RECORD MAPS. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (USA) AT (800) 227-2600 OR DIAL 811 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION AND POTHOLE FOR EXACT LOCATION.

GHD Inc.
2235 Mercury Way, Suite 150
Santa Clara, California 95050 USA
T 408.551.0100 F 408.527.8879
W www.ghd.com



REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	11/12/2019			

CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
IMPROVEMENT PLAN & PROFILE
STATE STREET STA. 16+00 - STA. 21+00

PROJ NO: 11191705
DRWN: CP CHKD: JS

C-104

SHEET 30 OF 121

2019-11-11 3:19 PM KHARVEY
NAUSSANTA ROSA PROJECTS\56111191705\DIGITAL_DESIGN\ACAD 2018\SHEETS\CIVIL\1191705_C-101.DWG

CONSTRUCTION LEGEND

- HMA PAVEMENT PER TYPICAL SECTIONS ON SHEETS G-006, G-007, AND G-008
- CONCRETE CURB AND GUTTER PER CITY STD 102 ON SHEET C-501
- CONCRETE SIDEWALK PER CITY STD 101 AND CITY STD 102 ON SHEET C-501. SEE LANDSCAPE PLANS FOR SCORE MARKS AND FINISHES
- BIORETENTION AREA. SEE DETAILS ON SHEET C-505 AND LANDSCAPE PLANS FOR PLANTING, IRRIGATION, AND OTHER DETAILS
- PLANTING AREA. SEE LANDSCAPE PLAN
- (N) OVERLAY TO (E) PAVEMENT CONFORM PER DETAIL 2 ON SHEET C-503
- DG TREE WELL. SEE LANDSCAPE PLAN

LINE TABLE

LINE #	LENGTH	DIRECTION
L65	144.05	S10°37'24"E
L66	13.29	S19°25'20"W
L67	14.38	S10°37'24"E
L68	5.01	N79°22'36"E
L69	13.32	S49°22'30"W
L70	15.59	N79°22'36"E
L71	14.36	S10°37'24"E
L72	13.32	N40°37'30"W

LINE TABLE

LINE #	LENGTH	DIRECTION
L121	143.92	S10°37'24"E
L122	13.35	S40°34'40"E
L123	14.37	S10°37'24"E
L124	5.87	S79°22'36"W
L125	13.32	S70°37'30"E
L126	47.19	S79°22'36"W
L127	15.84	N10°37'24"W
L128	13.32	S19°22'30"W

IMPROVEMENT PLAN STATE STREET

SCALE: 1" = 20'



CURVE TABLE

CURVE #	LENGTH	RADIUS	DELTA
C65	2.62	5.00	30°02'44"
C66	2.62	5.00	30°02'44"
C67	15.71	10.00	90°00'00"
C68	2.62	5.00	30°00'00"
C69	2.61	5.00	29°54'24"
C70	15.71	10.00	90°00'00"
C71	2.62	5.00	30°00'06"
C72	2.62	5.00	30°00'06"

CURVE TABLE

CURVE #	LENGTH	RADIUS	DELTA
C121	2.61	5.00	29°57'16"
C122	2.61	5.00	29°57'16"
C123	15.71	10.00	90°00'00"
C124	2.62	5.00	30°00'00"
C125	2.62	5.00	30°00'00"
C126	15.71	10.00	90°00'00"
C127	2.62	5.00	29°59'54"
C128	2.62	5.00	29°59'54"

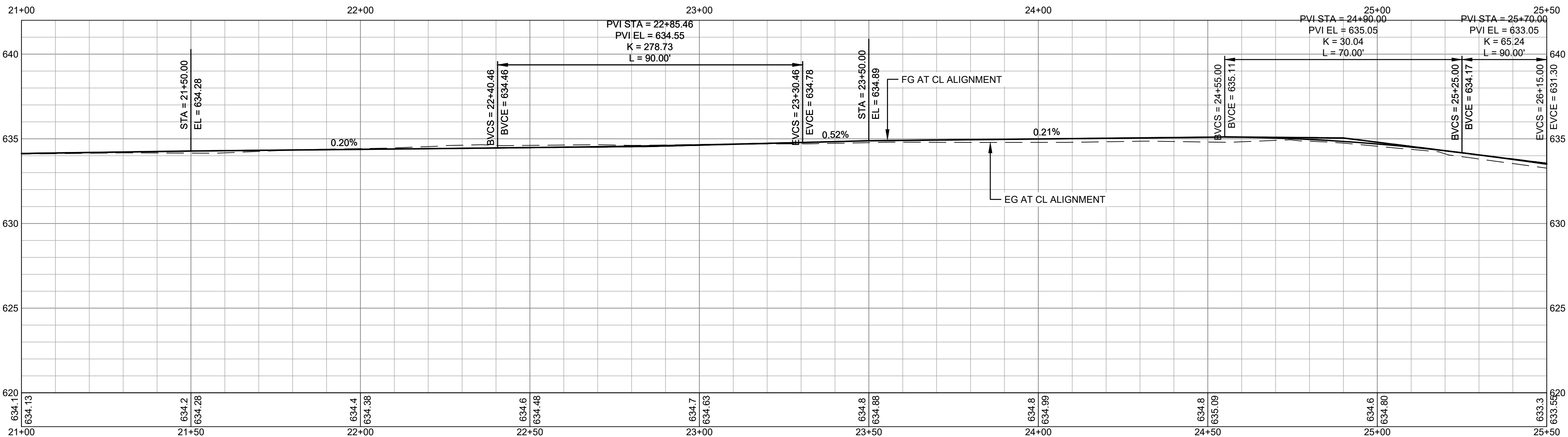
SHEET GENERAL NOTES

- CONTRACTOR SHALL PERFORM ALL UNDERGROUND UTILITY WORK, CONCRETE WORK, SURFACE RESTORATION WORK, AND PERFORM ALL DIGOUT AND REPAIR WORK, SUCH AS PLACING LEVELING COURSE AND SEPARATION FABRIC, PRIOR TO FINAL HOT MIX PAVING.
- APPLY TACK COAT TO ALL ADJACENT (E) AC IMPROVEMENTS OR CONCRETE SURFACES AND AT JOINT BETWEEN (E) AND (N) IMPROVEMENTS.
- SEE SHEETS G-006, G-007, AND G-008 FOR TYPICAL SECTIONS.
- SEE CURB RAMPS AND DRIVEWAYS ENLARGED PLANS FOR HORIZONTAL AND VERTICAL INFORMATION NOT SHOWN.
- SEE SHEET C-108 FOR LAYOUT OF STANDLEY STREET AND N STATE STREET INTERSECTION.

SHEET KEYNOTES

- INSTALL CURB AND GUTTER PER CITY STANDARD 102
- INSTALL SIDEWALK PER CITY STANDARD 102
- INSTALL DRIVEWAY APPROACH PER CITY STANDARD 102
- INSTALL BIORETENTION AREA. SEE UTILITY AND LANDSCAPE PLANS
- INSTALL CURB RAMP PER CITY STANDARD 111
- INSTALL STREET MONUMENT PER CITY STANDARD 140
- TREE AND TREE WELL. SEE LANDSCAPE PLAN FOR DETAILS
- INSTALL SINGLE HEAD PARKING METER POST.
- INSTALL DOUBLE HEAD PARKING METER POST.
- WETSET AND INSTALL 1-1/2" DIAMETER 4" LONG PVC SLEEVE FOR FLAG POLE POST.

LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM AVAILABLE RECORD MAPS, EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (USA) AT (800) 227-2600 OR DIAL 811 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION AND POTHOLE FOR EXACT LOCATION.



IMPROVEMENT PROFILE STATE STREET

SCALE: HORIZ 1"=20', VERT 1"=4'

GHD Inc.
2235 Mercury Way, Suite 150
Santa Clara, California 95050, USA
Tel: 408.551.0100 F: 408.527.8879
W: www.ghd.com



REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	DESCRIPTION	ISSUE

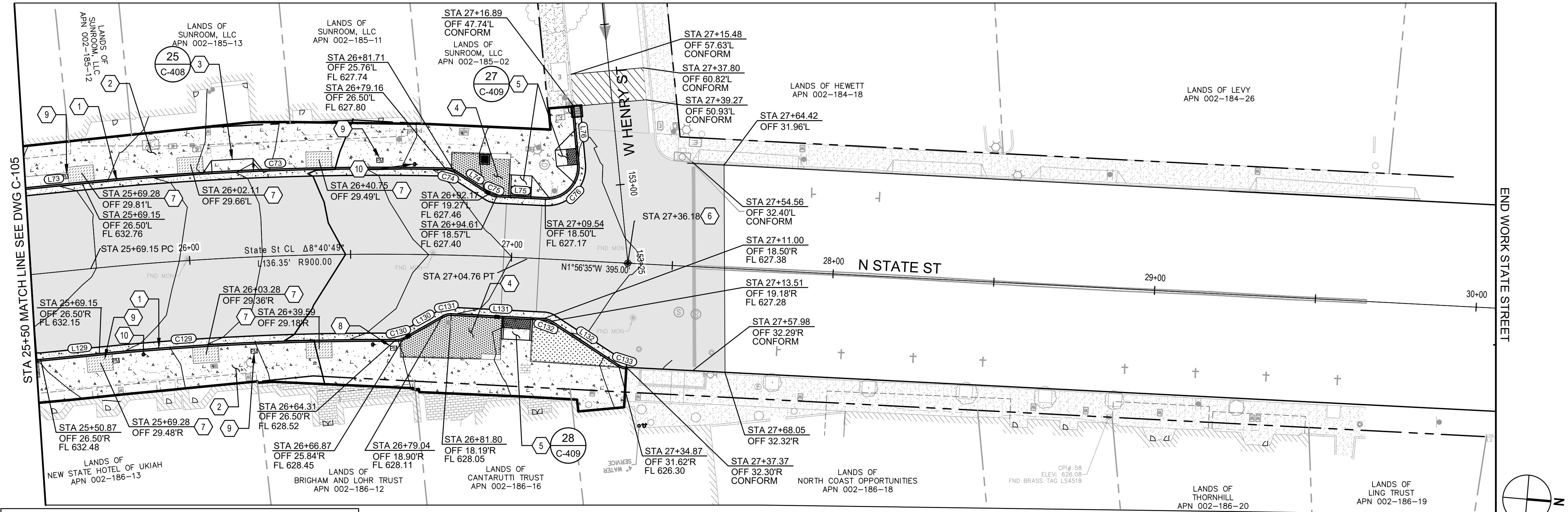
MARK	DATE	DESCRIPTION	ISSUE

CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
IMPROVEMENT PLAN & PROFILE
STATE STREET STA. 21+00 - STA. 25+50

PROJ NO: 11191705
DRWN: CP CHKD: JS

C-105

SHEET 31 OF 121



CONSTRUCTION LEGEND

- HMA PAVEMENT PER TYPICAL SECTIONS ON SHEETS G-006, G-007, AND G-008
- CONCRETE CURB AND GUTTER PER CITY STD 102 ON SHEET C-501
- CONCRETE SIDEWALK PER CITY STD 101 AND CITY STD 102 ON SHEET C-501. SEE LANDSCAPE PLANS FOR SCORE MARKS AND FINISHES
- BIORETENTION AREA. SEE DETAILS ON SHEET C-505 AND LANDSCAPE PLANS FOR PLANTING, IRRIGATION, AND OTHER DETAILS
- PLANTING AREA. SEE LANDSCAPE PLAN
- (N) OVERLAY TO (E) PAVEMENT CONFORM PER DETAIL 2 ON SHEET C-503
- DG TREE WELL. SEE LANDSCAPE PLAN

LINE TABLE

LINE #	LENGTH	DIRECTION
L73	20.03	S10°37'24"E
L74	12.54	S28°02'49"W
L75	15.15	S1°56'35"E
L76	18.01	N79°55'21"E
L129	18.28	S10°37'24"E
L130	13.75	S34°19'37"E
L131	28.72	S1°56'35"E
L132	24.71	N28°16'33"E

IMPROVEMENT PLAN STATE STREET

SCALE: 1" = 20'



CURVE TABLE

CURVE #	LENGTH	RADIUS	DELTA
C73	113.25	926.50	7°00'12"
C74	2.76	5.00	31°40'02"
C75	2.62	5.00	29°59'25"
C76	17.13	10.00	98°08'04"
C129	92.36	873.50	6°03'30"
C130	2.60	5.00	29°45'41"
C131	2.83	5.00	32°23'02"
C132	2.64	5.00	30°13'08"

CURVE TABLE

CURVE #	LENGTH	RADIUS	DELTA
C133	2.62	5.00	30°03'27"

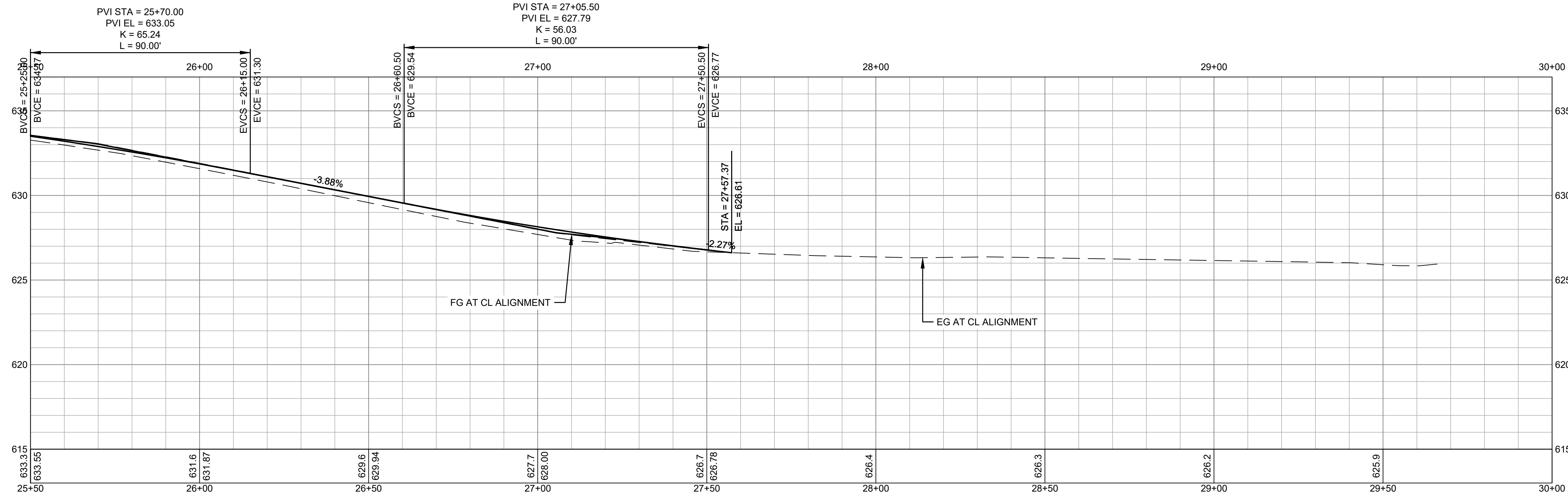
SHEET GENERAL NOTES

- CONTRACTOR SHALL PERFORM ALL UNDERGROUND UTILITY WORK, CONCRETE WORK, SURFACE RESTORATION WORK, AND PERFORM ALL DIGOUT AND REPAIR WORK, SUCH AS PLACING LEVELING COURSE AND SEPARATION FABRIC, PRIOR TO FINAL HOT MIX PAVING.
- APPLY TACK COAT TO ALL ADJACENT (E) AC IMPROVEMENTS OR CONCRETE SURFACES AND AT JOINT BETWEEN (E) AND (N) IMPROVEMENTS.
- SEE SHEETS G-006, G-007, AND G-008 FOR TYPICAL SECTIONS.
- SEE CURB RAMPS AND DRIVEWAYS ENLARGED PLANS FOR HORIZONTAL AND VERTICAL INFORMATION NOT SHOWN.

SHEET KEYNOTES

- INSTALL CURB AND GUTTER PER CITY STANDARD 102
- INSTALL SIDEWALK PER CITY STANDARD 102
- INSTALL DRIVEWAY APPROACH PER CITY STANDARD 102
- INSTALL BIORETENTION AREA. SEE UTILITY AND LANDSCAPE PLANS
- INSTALL CURB RAMP PER CITY STANDARD 111
- INSTALL STREET MONUMENT PER CITY STANDARD 140
- TREE AND TREE WELL. SEE LANDSCAPE PLAN FOR DETAILS
- INSTALL SINGLE HEAD PARKING METER POST.
- INSTALL DOUBLE HEAD PARKING METER POST.
- WETSET AND INSTALL 1-1/2" DIAMETER 4" LONG PVC SLEEVE FOR FLAG POLE POST.

LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM AVAILABLE RECORD MAPS, EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (USA) AT (800) 227-2600 OR DIAL 811 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION AND POT HOLE FOR EXACT LOCATION.



IMPROVEMENT PROFILE STATE STREET

SCALE: HORIZ 1"=20', VERT 1"=4'

GHD Inc.



2235 Mercury Way, Suite 150
Santa Clara, California 95050 USA
Tel: 408.551.0100 F: 408.527.8879
W: www.ghd.com



BAR IS ONE INCH ON ORIGINAL DRAWING

1"

REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

DATE

MARK

BID SET

11/12/2019

DESCRIPTION

ISSUE

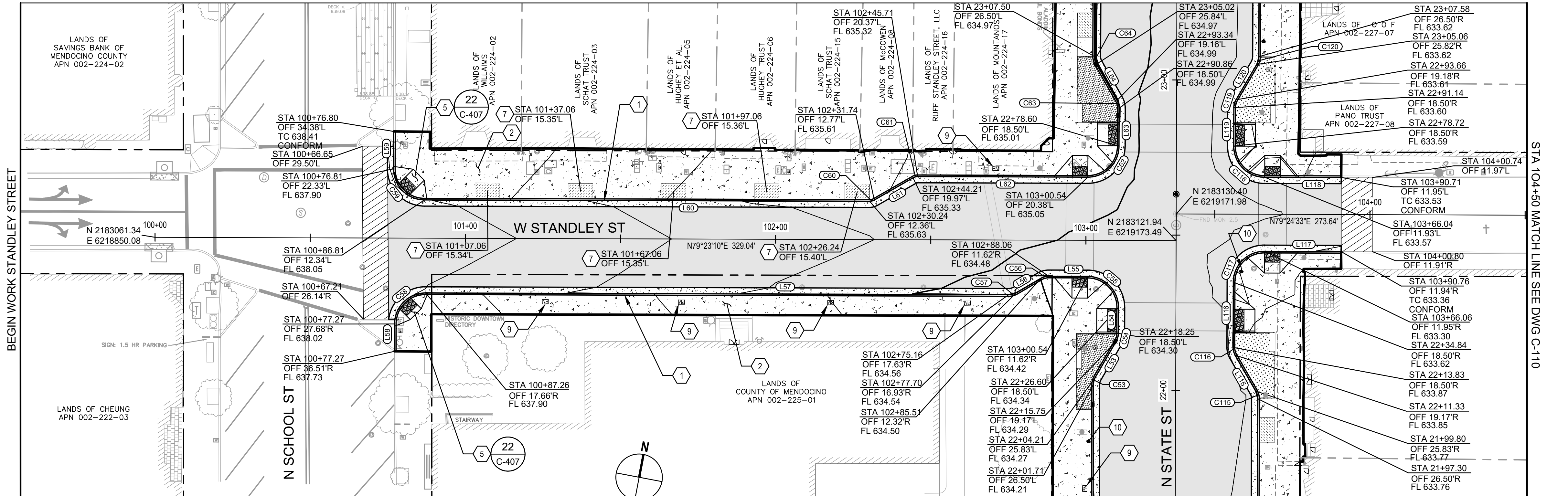
CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT

PROJ NO: 11191705

DRWN: CP CHKD: JS

C-106

SHEET 32 OF 121



CONSTRUCTION LEGEND

	HMA PAVEMENT PER TYPICAL SECTIONS ON SHEETS G-006, G-007, AND G-008
	CONCRETE CURB AND GUTTER PER CITY STD 102 ON SHEET C-501
	CONCRETE SIDEWALK PER CITY STD 101 AND CITY STD 102 ON SHEET C-501. SEE LANDSCAPE PLANS FOR SCORE MARKS AND FINISHES
	BIORETENTION AREA. SEE DETAILS ON SHEET C-505 AND LANDSCAPE PLANS FOR PLANTING, IRRIGATION, AND OTHER DETAILS
	PLANTING AREA, SEE LANDSCAPE PLAN
	(N) OVERLAY TO (E) PAVEMENT CONFORM PER DETAIL 2 ON SHEET C-503
	DG TREE WELL, SEE LANDSCAPE PLAN

LINE TABLE

LINE #	LENGTH	DIRECTION
L53	13.32	S19°22'30"W
L54	8.35	S10°37'24"E
L55	12.49	N79°22'36"E
L56	9.07	N48°49'19"E
L57	187.90	N79°22'30"E
L58	8.83	N10°42'29"W
L59	12.05	S10°37'30"E
L60	143.44	S79°22'30"W

LINE TABLE

LINE #	LENGTH	DIRECTION
L61	14.39	S49°22'30"W
L62	54.83	N79°22'36"E
L63	12.26	S10°37'24"E
L64	13.45	S40°24'10"E
L115	13.32	S40°37'30"E
L116	21.01	S10°37'24"E
L117	24.71	S79°22'36"W
L118	24.67	N79°22'36"E

LINE TABLE

LINE #	LENGTH	DIRECTION
L119	12.42	S10°37'24"E
L120	13.19	S19°35'50"W

CURVE TABLE

CURVE #	LENGTH	RADIUS	DELTA
C53	2.62	5.00	29°59'54"
C54	2.62	5.00	29°59'54"
C55	15.71	10.00	90°00'00"
C56	2.67	5.00	30°33'17"
C57	2.67	5.00	30°33'11"
C58	15.72	10.00	90°04'59"
C59	15.71	10.00	90°00'00"
C60	1.57	3.00	30°00'00"

CURVE TABLE

CURVE #	LENGTH	RADIUS	DELTA
C61	1.57	3.00	30°00'00"
C62	15.71	10.00	90°00'00"
C63	2.60	5.00	29°46'46"
C64	2.60	5.00	29°46'46"
C115	2.62	5.00	30°00'06"
C116	2.62	5.00	30°00'06"
C117	15.71	10.00	90°00'00"
C118	15.71	10.00	90°00'00"

CURVE TABLE

CURVE #	LENGTH	RADIUS	DELTA
C119	2.64	5.00	30°13'14"
C120	2.64	5.00	30°13'14"

IMPROVEMENT PLAN STANDLEY STREET

SCALE: 1" = 20'

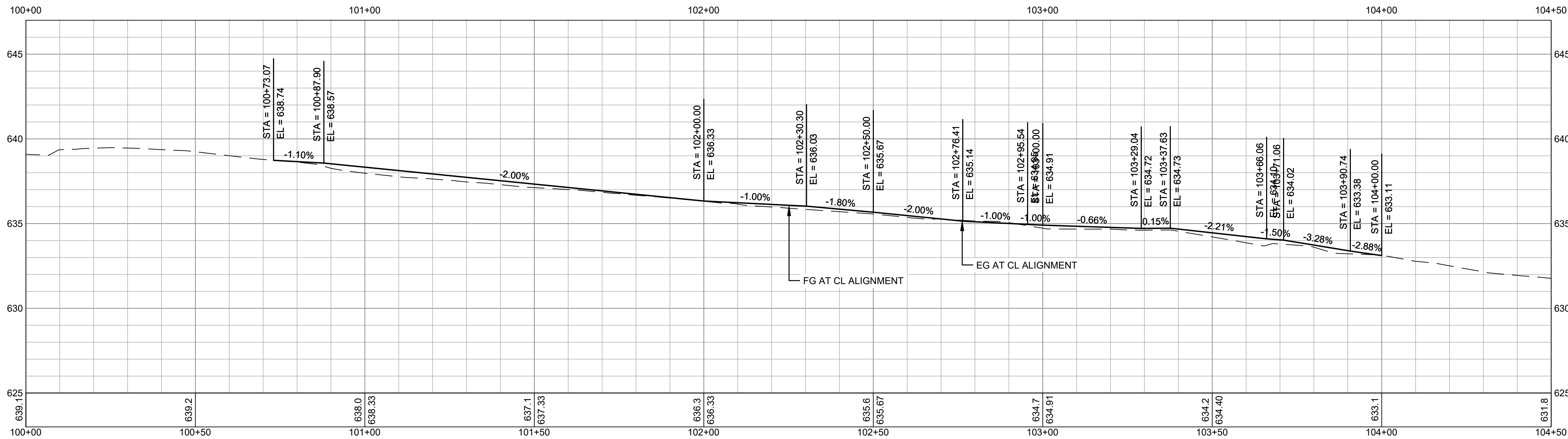
SHEET GENERAL NOTES

- CONTRACTOR SHALL PERFORM ALL UNDERGROUND UTILITY WORK, CONCRETE WORK, SURFACE RESTORATION WORK, AND PERFORM ALL DIGOUT AND REPAIR WORK, SUCH AS PLACING LEVELING COURSE AND SEPARATION FABRIC, PRIOR TO FINAL HOT MIX PAVING.
- APPLY TACK COAT TO ALL ADJACENT (E) AC IMPROVEMENTS OR CONCRETE SURFACES AND AT JOINT BETWEEN (E) AND (N) IMPROVEMENTS.
- SEE SHEET G-008 FOR TYPICAL SECTIONS.
- SEE CURB RAMPS FOR HORIZONTAL AND VERTICAL INFORMATION NOT SHOWN.

SHEET KEYNOTES

- INSTALL CURB AND GUTTER PER CITY STANDARD 102
- INSTALL SIDEWALK PER CITY STANDARD 102
- INSTALL DRIVEWAY APPROACH PER CITY STANDARD 102
- INSTALL BIORETENTION AREA. SEE UTILITY AND LANDSCAPE PLANS
- INSTALL CURB RAMP PER CITY STANDARD 111
- INSTALL STREET MONUMENT PER CITY STANDARD 140
- TREE AND TREE WELL. SEE LANDSCAPE PLAN FOR DETAILS
- INSTALL SINGLE HEAD PARKING METER POST.
- INSTALL DOUBLE HEAD PARKING METER POST.
- WETSET AND INSTALL 1-1/2" DIAMETER 4" LONG PVC SLEEVE FOR FLAG POLE POST.

LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM AVAILABLE RECORD MAPS, EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (USA) AT (800) 227-2600 OR DIAL 811 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION AND POTHOLE FOR EXACT LOCATION.



IMPROVEMENT PROFILE STANDLEY STREET

SCALE: HORIZ 1"=20', VERT 1"=4'

GHD Inc.



REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	11/12/2019			

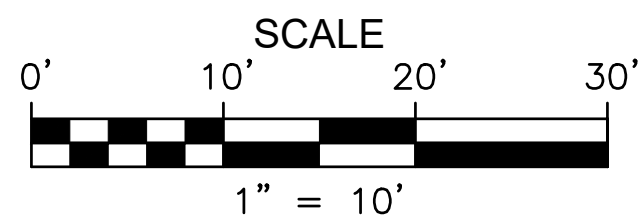
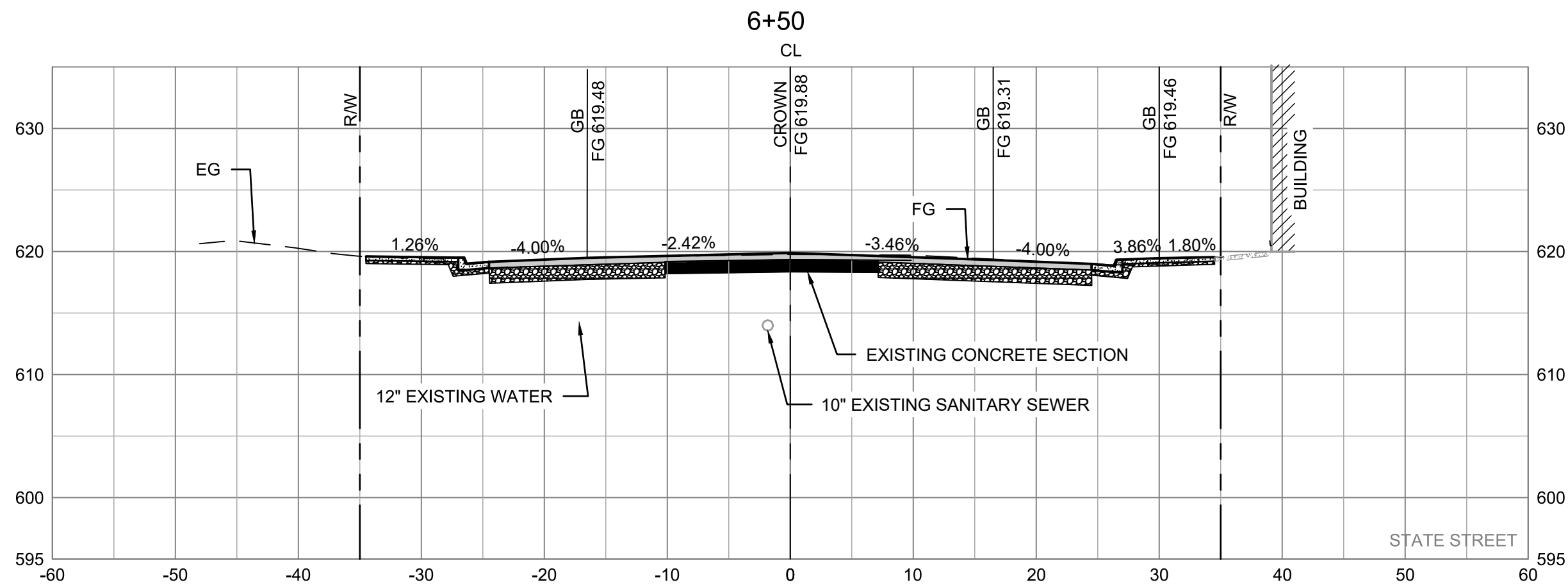
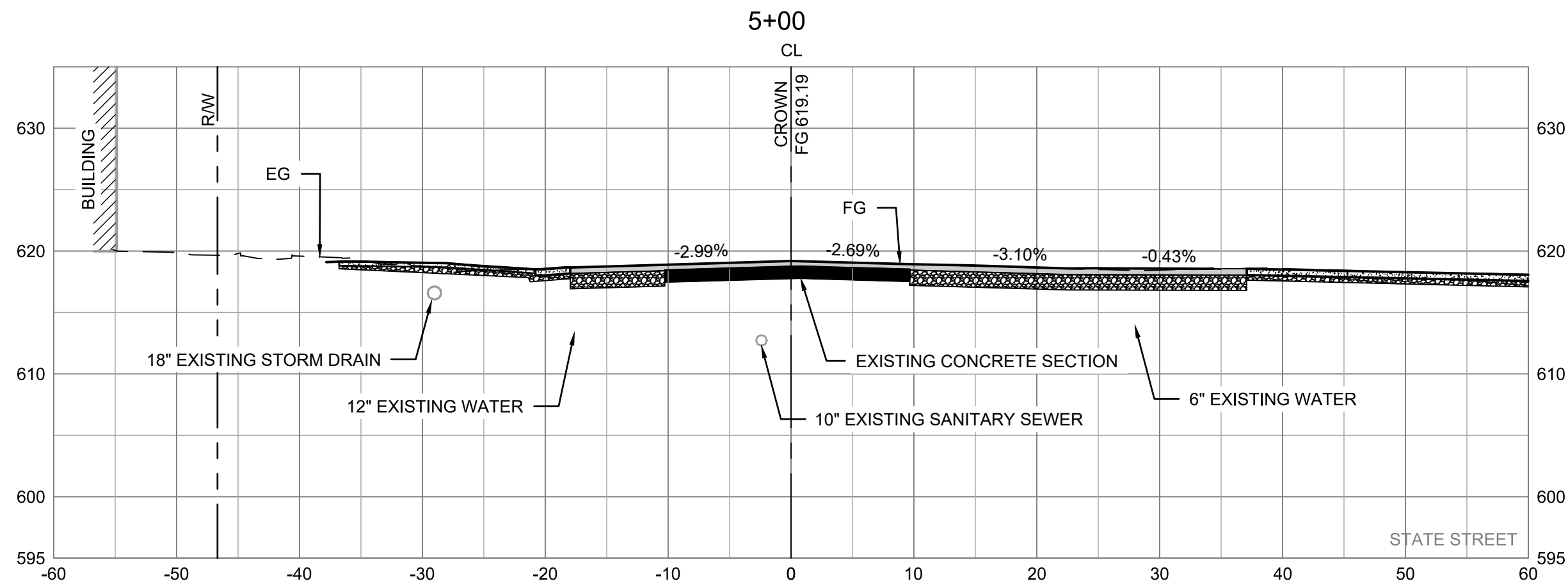
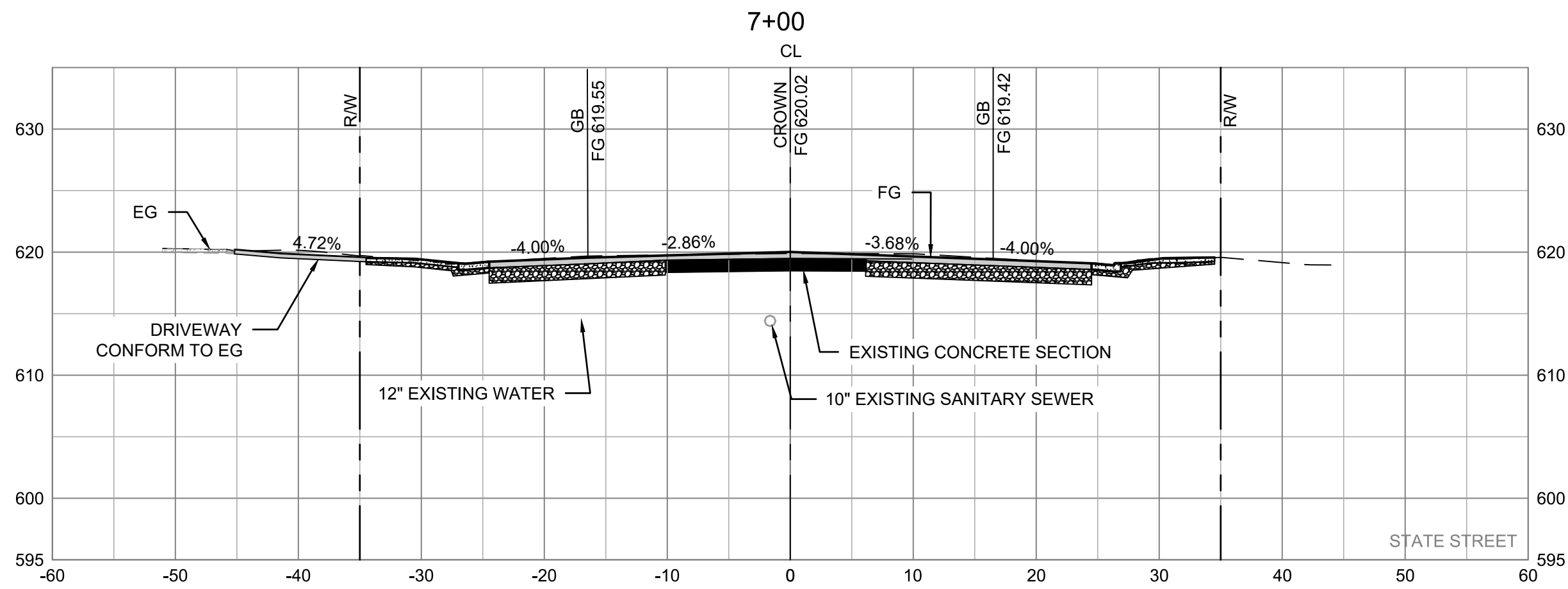
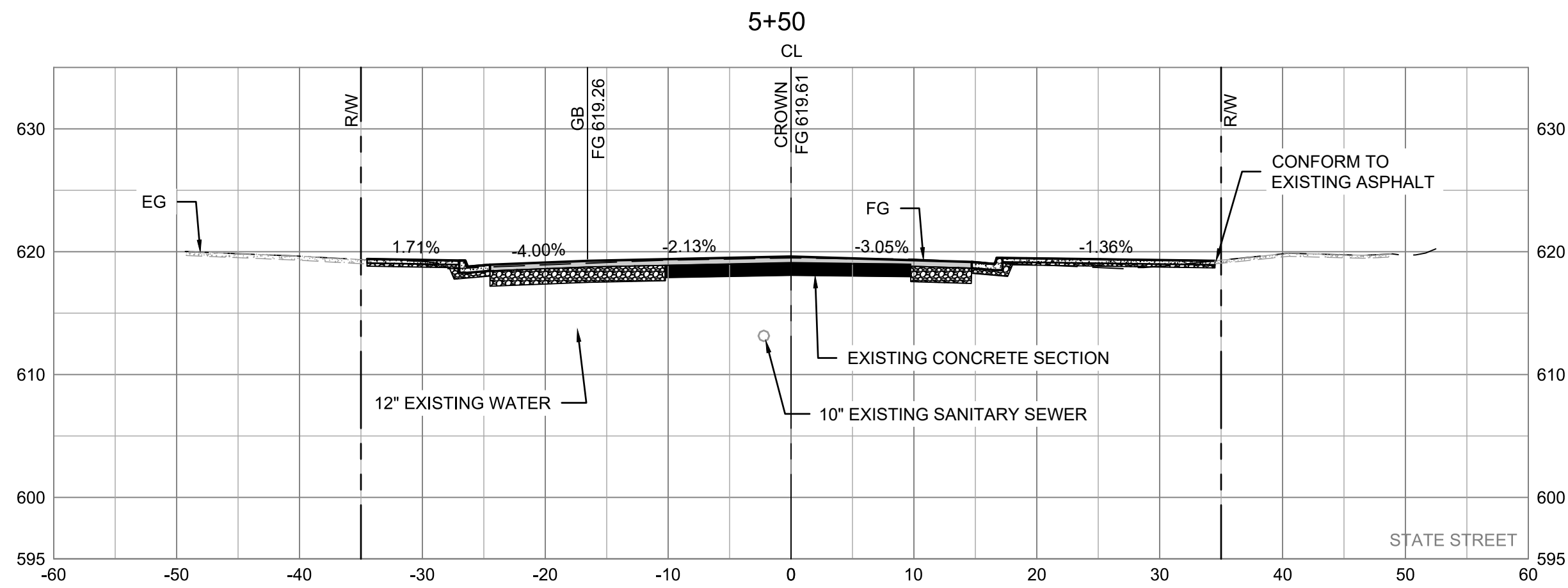
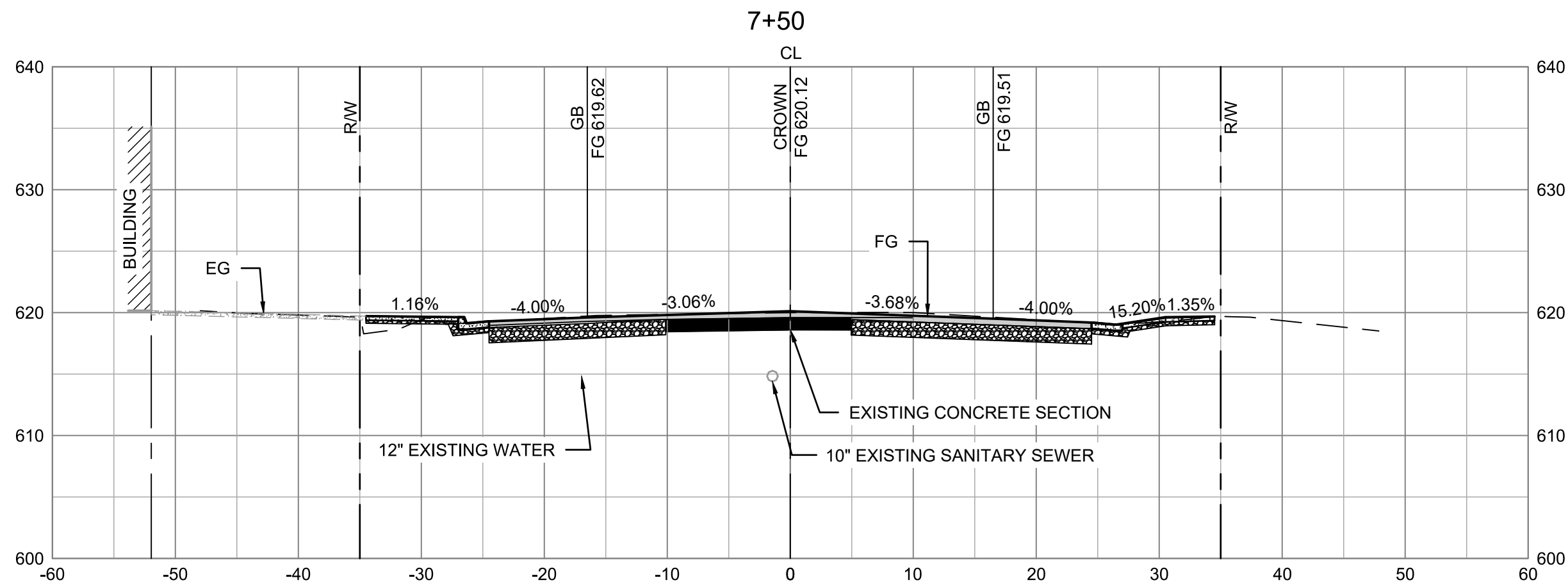
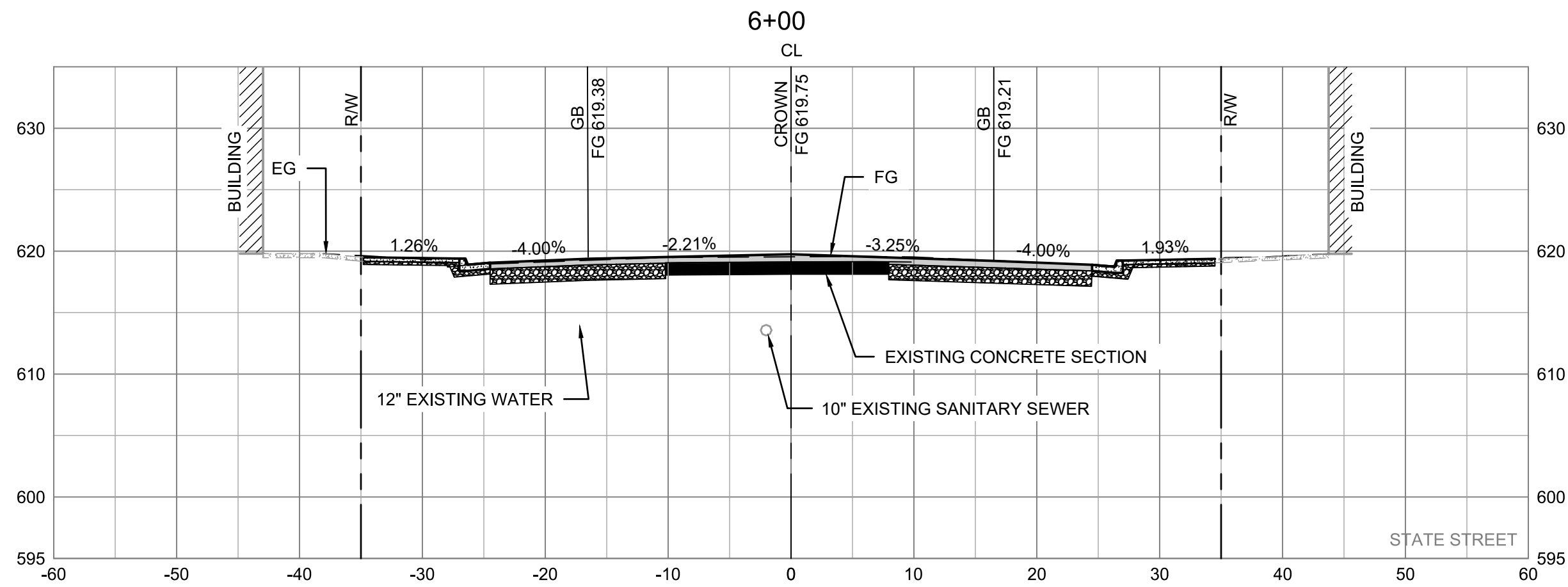
CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
IMPROVEMENT PLAN & PROFILE
STANDLEY STREET STA. 100+00 - STA. 104+50

PROJ NO: 11191705
DRWN: CP CHKD: JS

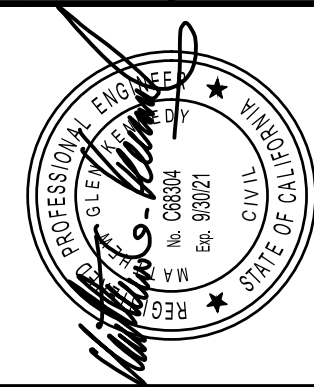
C-108

SHEET 34 OF 121

2019-11-11 3:22 PM KHARVEY
NAUSSANTAROSA\PROJECTS\5611119\705\DIGITAL_DESIGN\ACAD 2018\SHEETS\CIVIL\1191705_C-301.DWG



GHD Inc.
2235 Mercury Way, Suite 150
Santa Clara, California 95050 USA
Tel: 408.551.0100 F: 408.527.8879
W: www.ghd.com



BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"

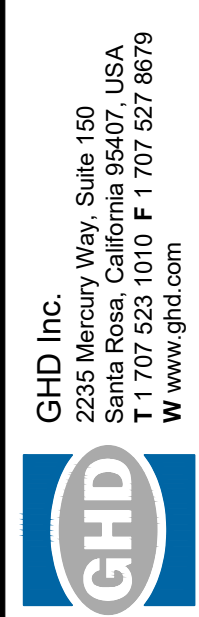
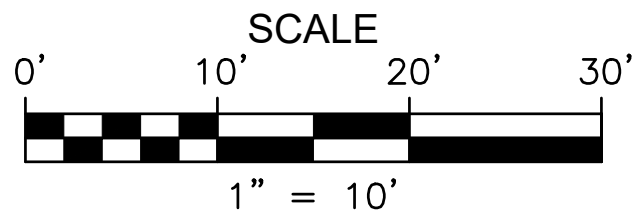
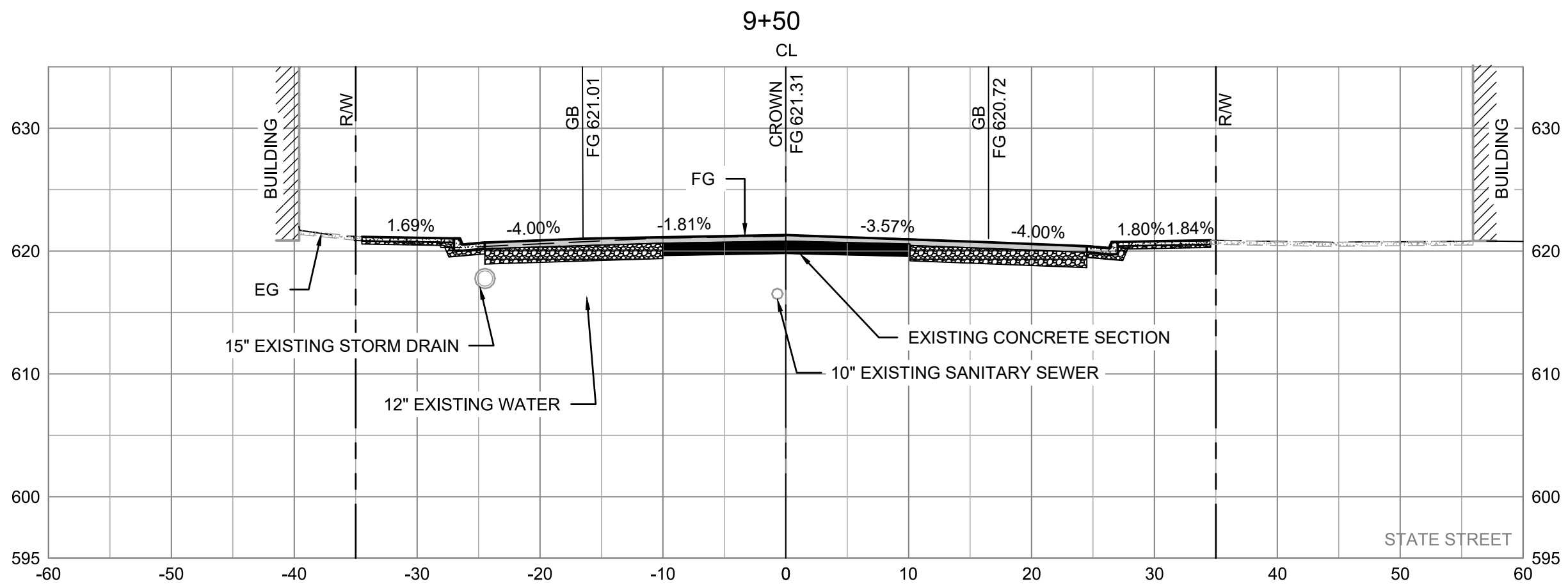
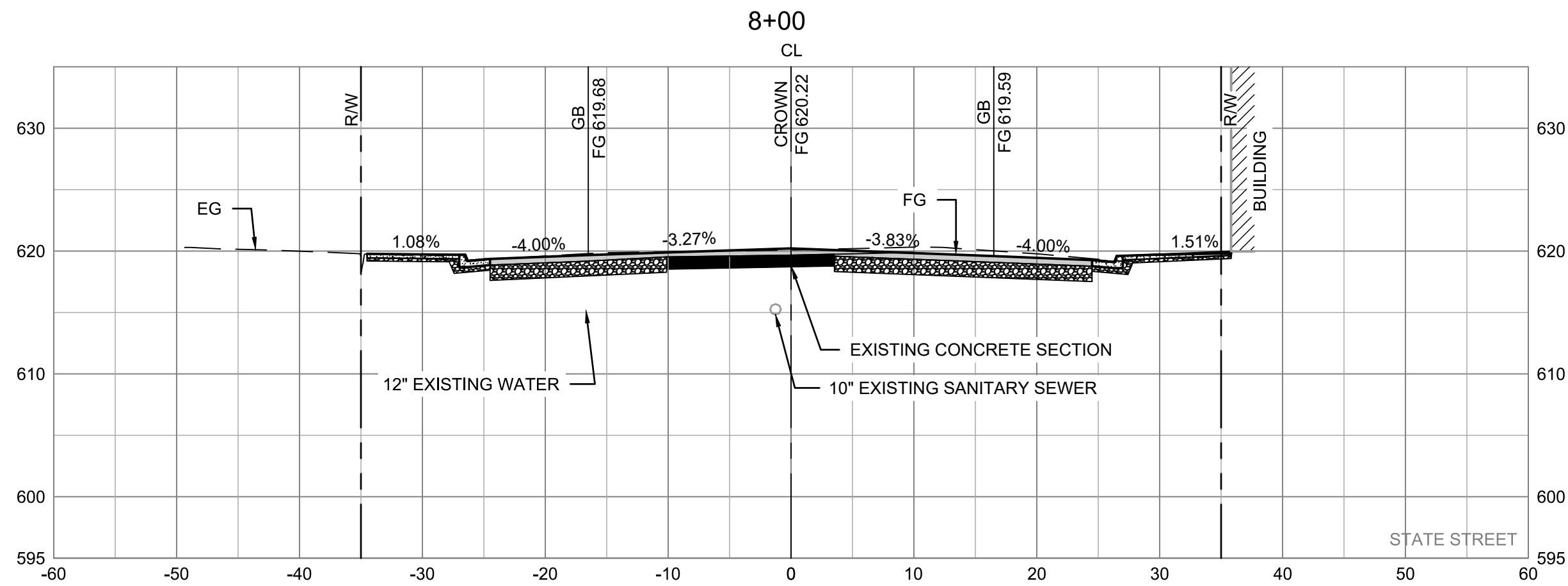
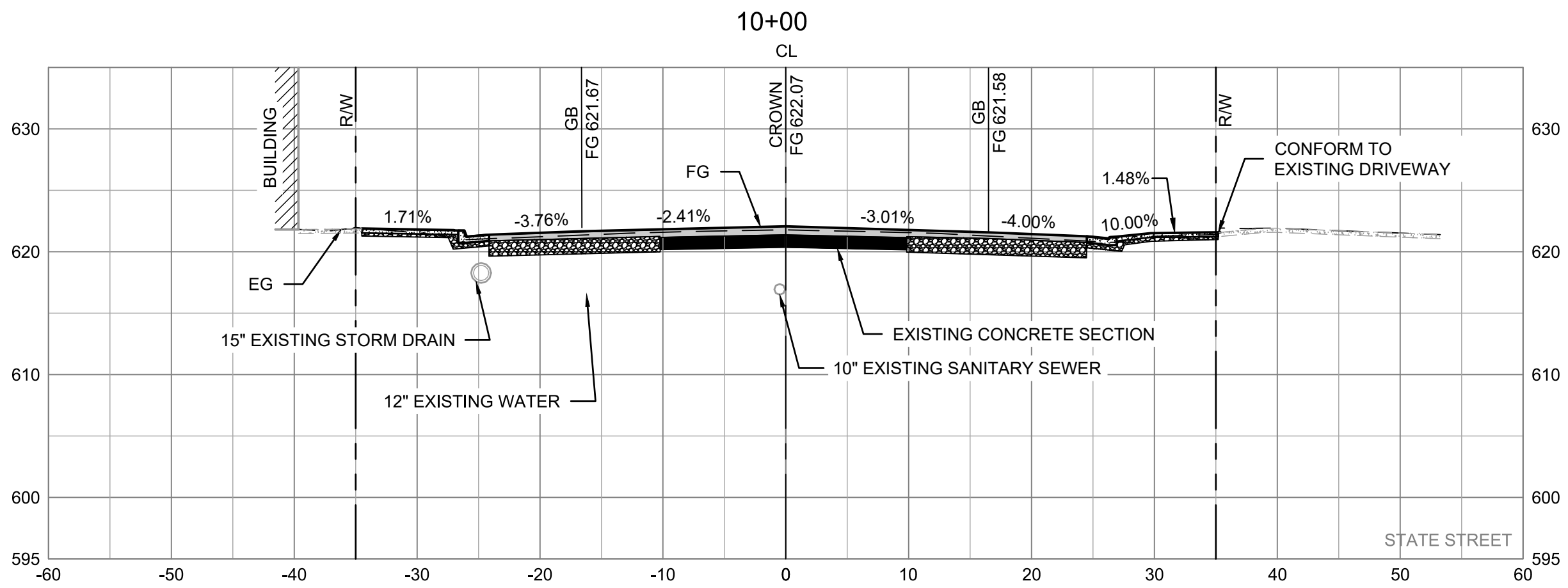
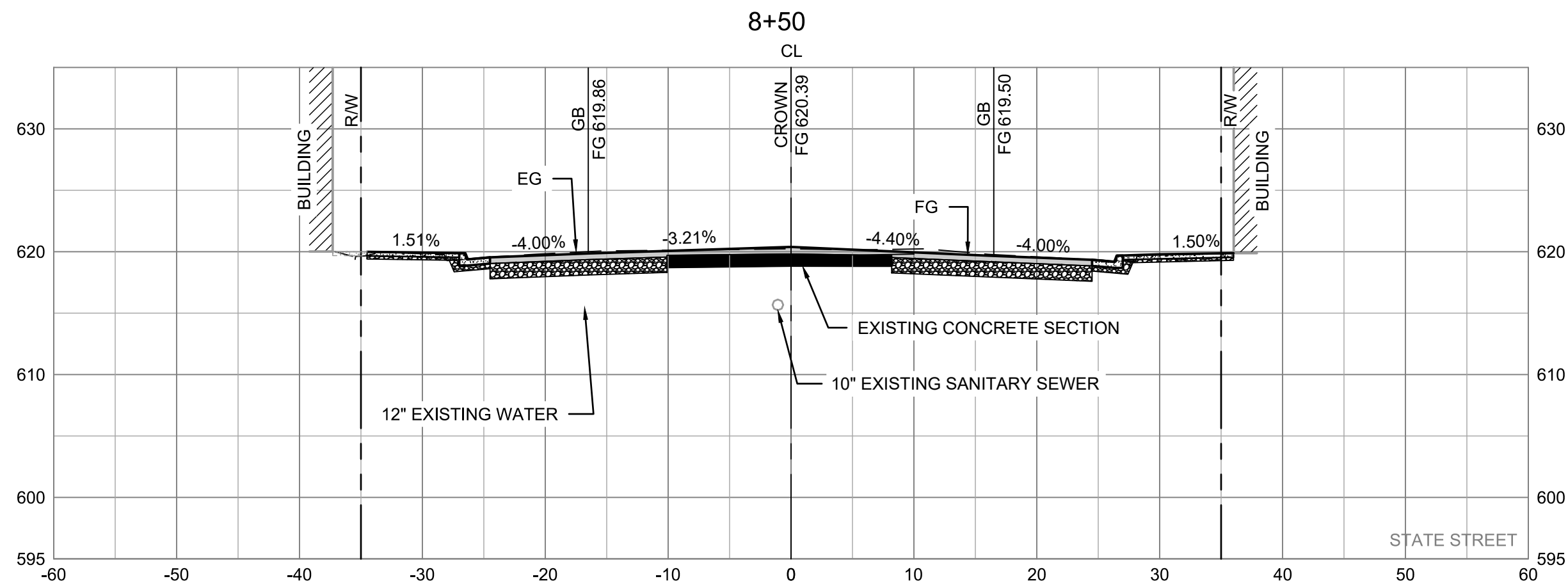
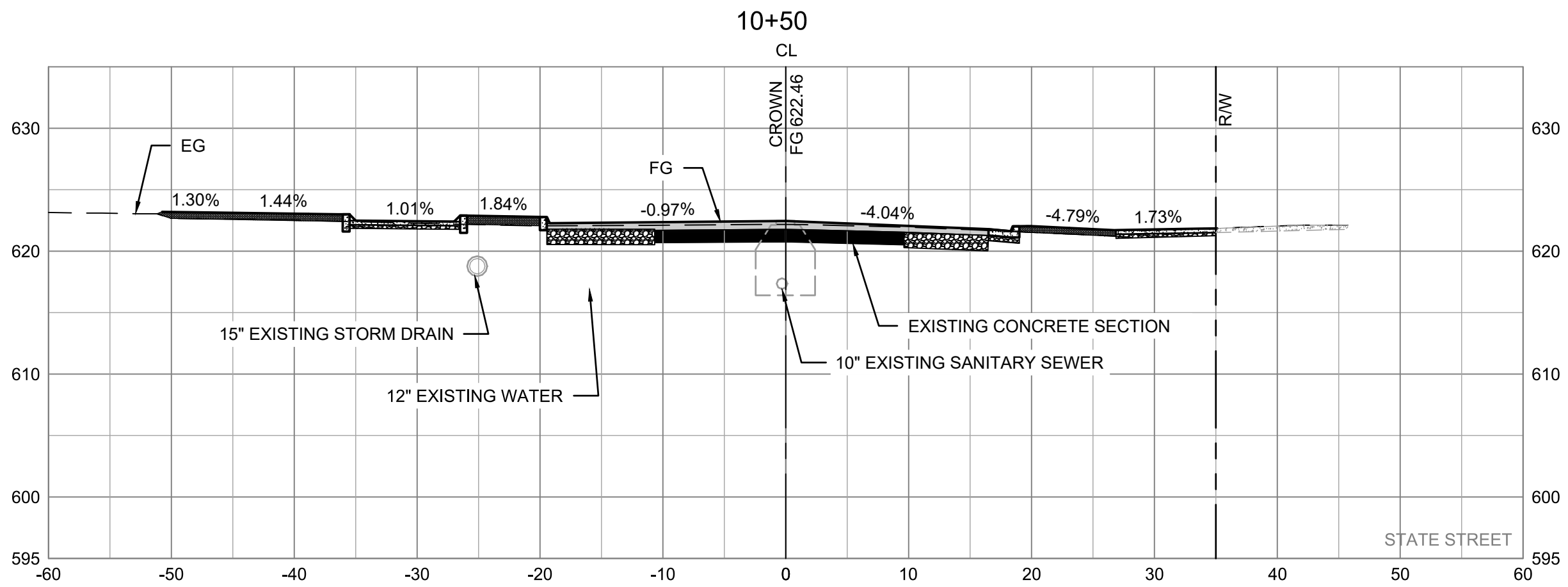
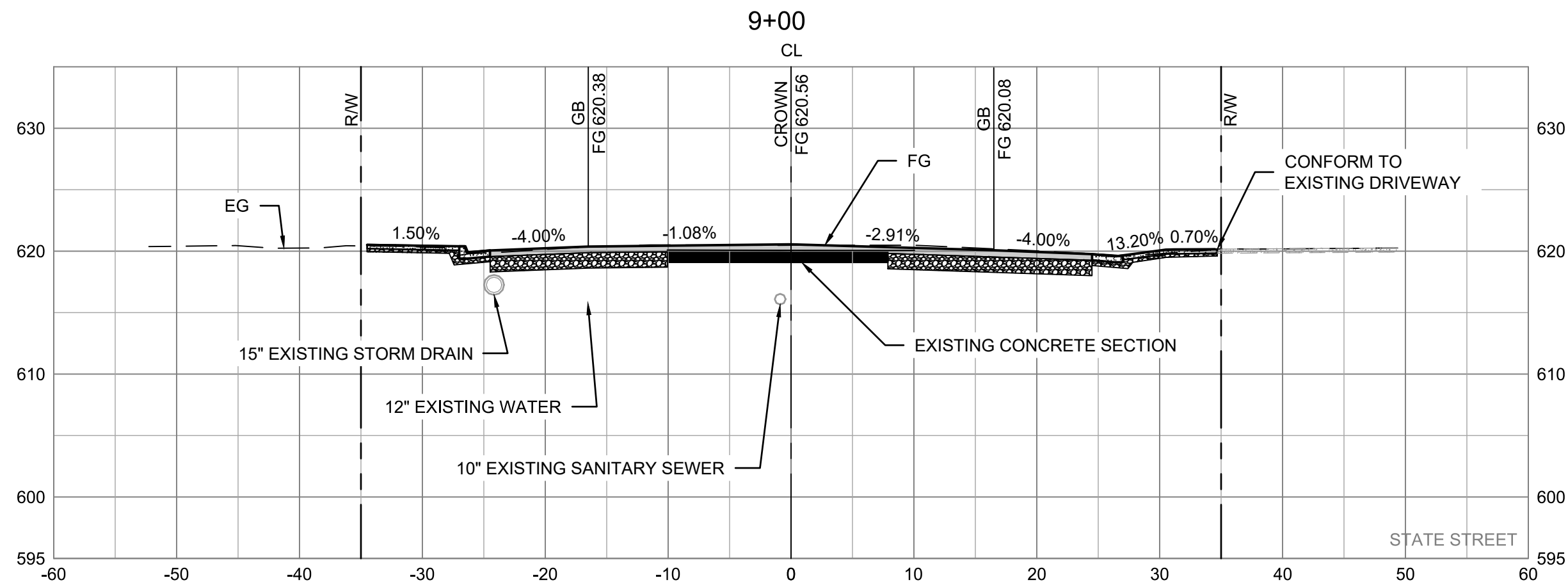
REUSE OF DOCUMENTS
This document and the ideas and designs
incorporated herein, as an instrument of
professional service, is the property of GHD
and shall not be reused in whole or in part
for any other project without GHD's written
authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	11/12/2019			

CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
CROSS SECTIONS
STA. 5+00-7+50

PROJ NO: 11191705
DRWN: CP CHKD: JS
C-301
SHEET 35 OF 121

2019-11-11 3:22 PM KHARVEY
NAUSSANTAROS\PROJECTS\5611119\705\DIGITAL_DESIGN\CAD\2018\SHEETS\CIVIL\1191705_C-301.DWG



BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"

REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	DESCRIPTION	ISSUE
XX4002000X	8/20/20	REVISIT	

CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT

CROSS SECTIONS
STA. 8+00-10+50

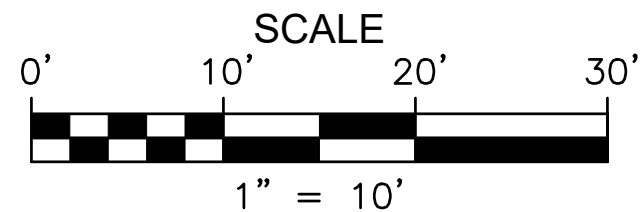
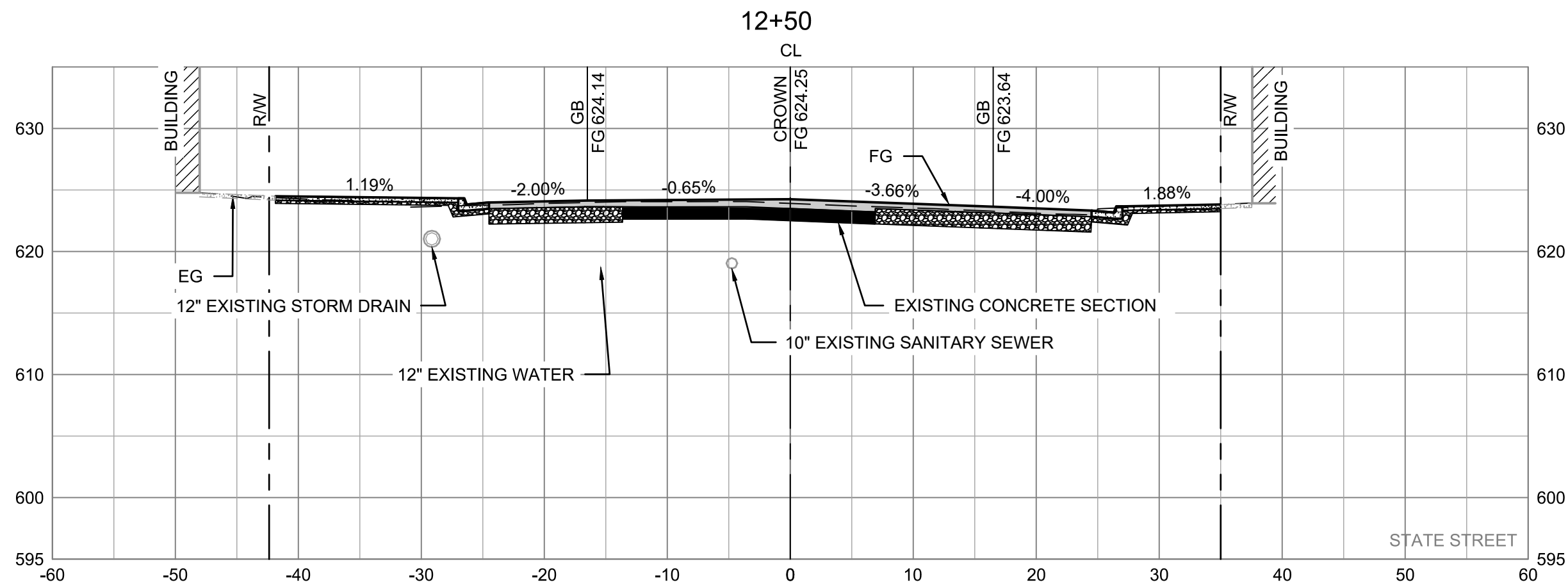
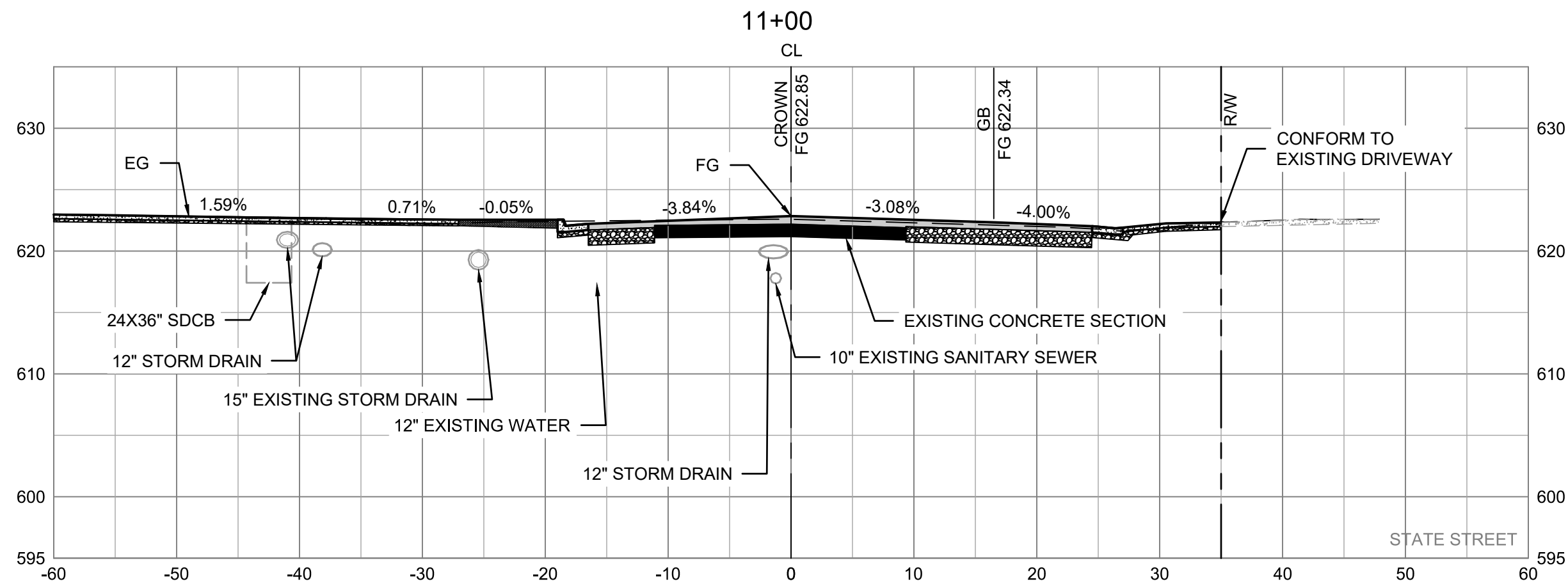
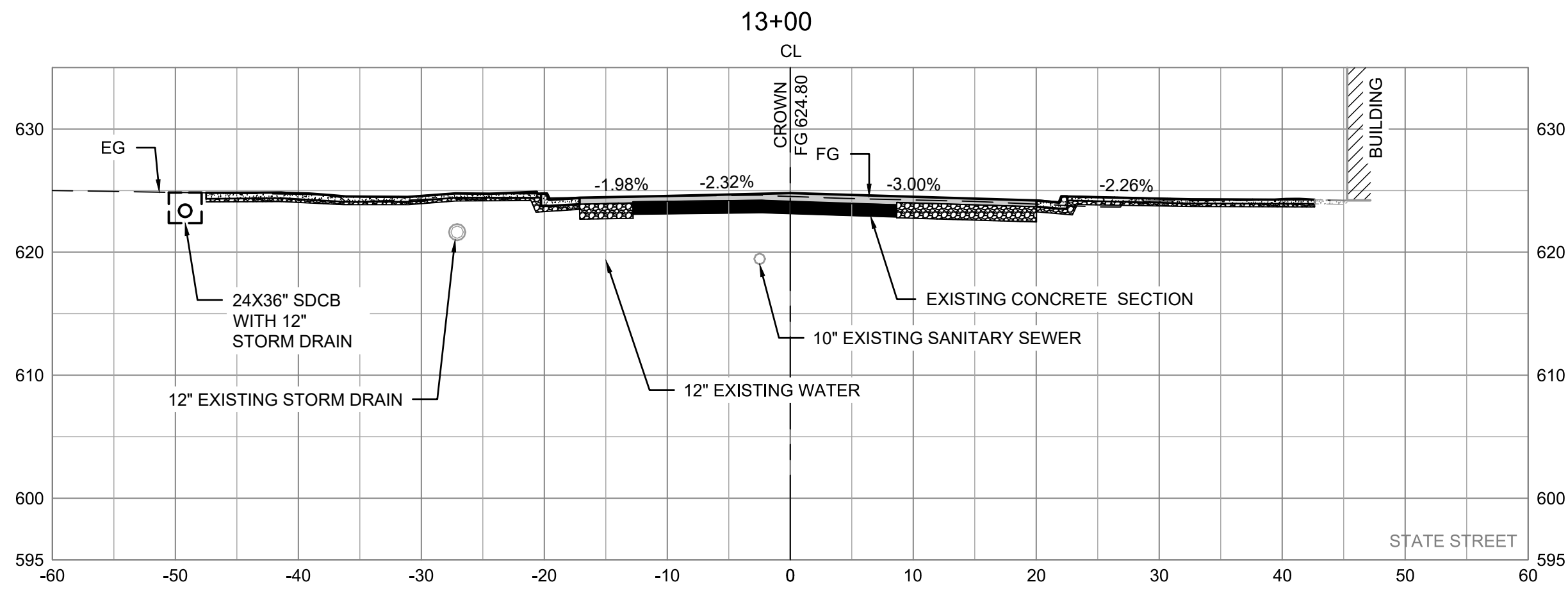
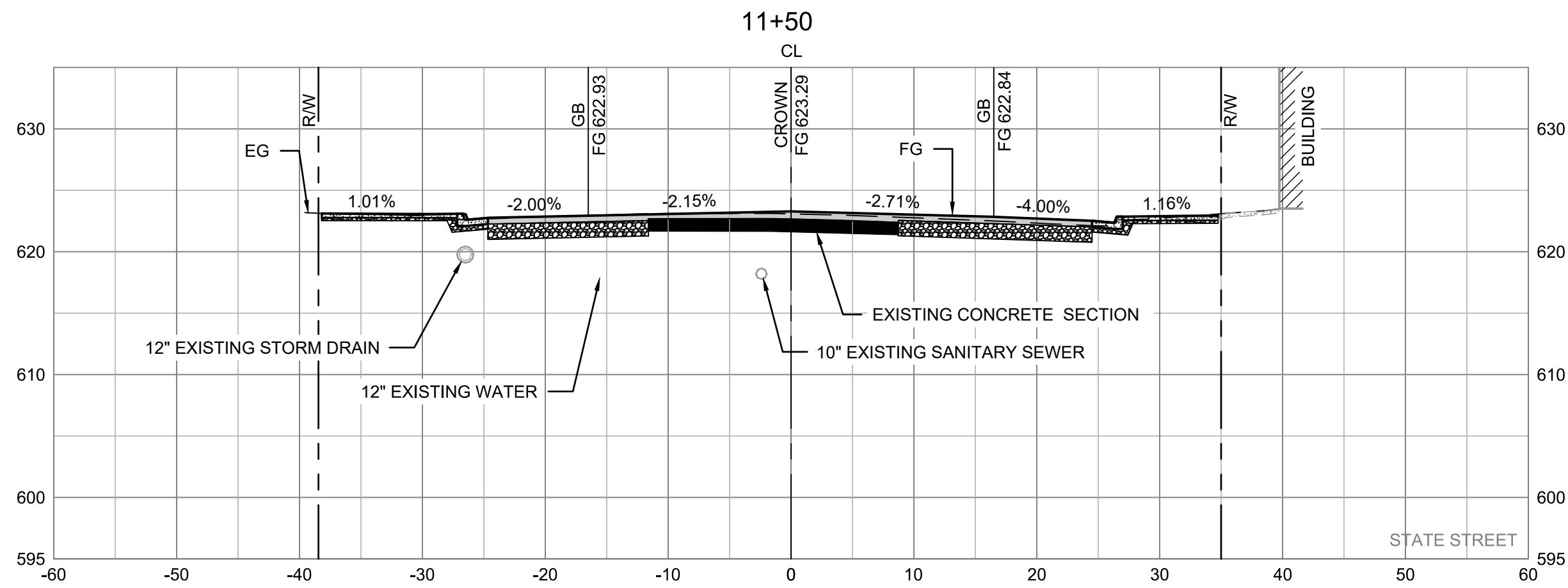
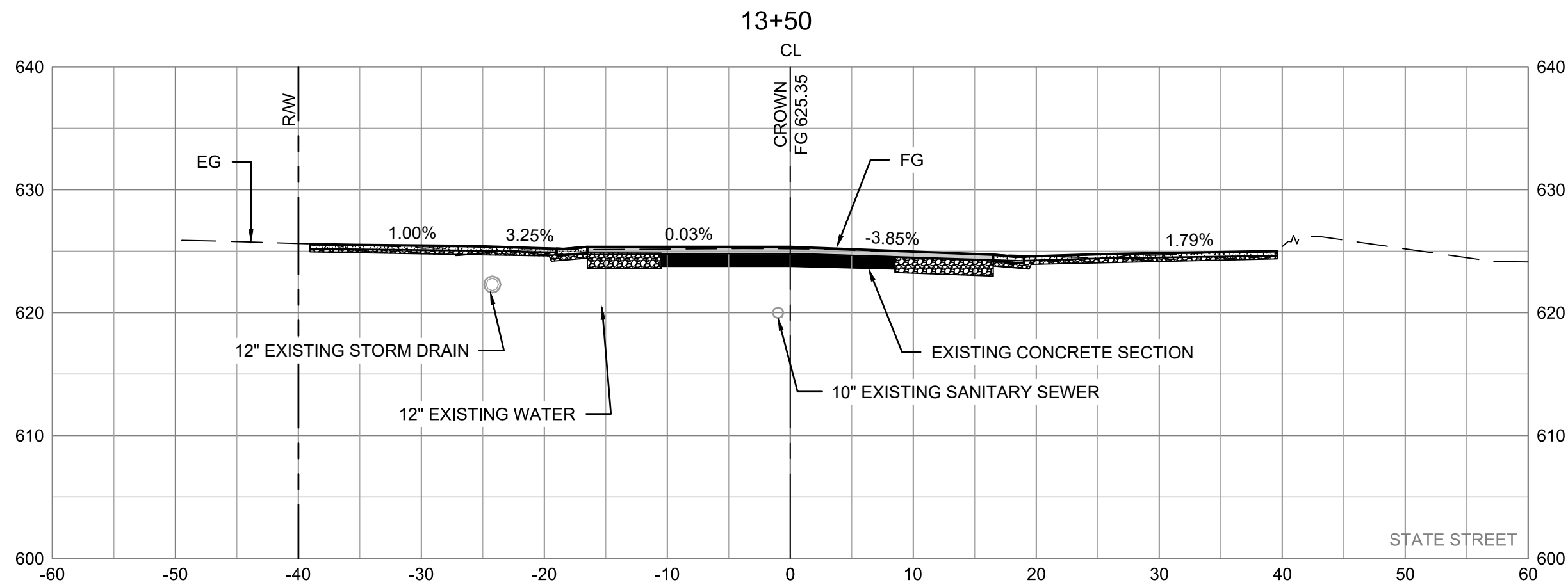
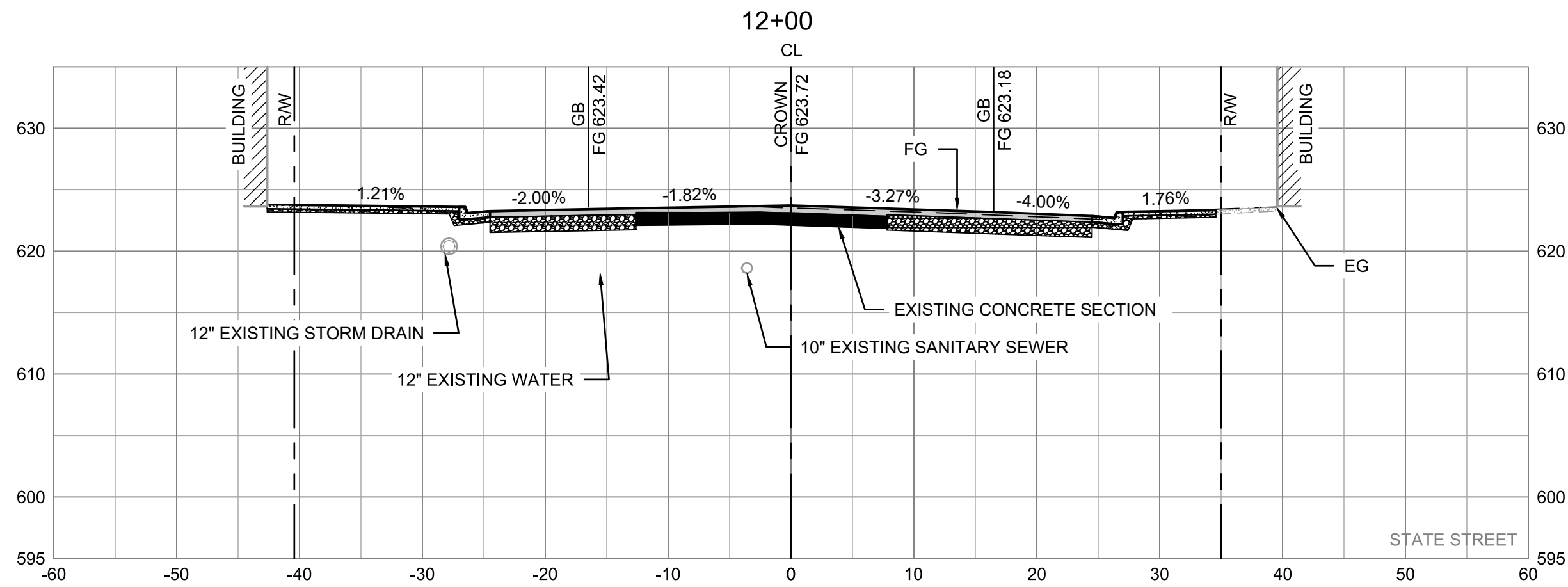
PROJ NO: 11191705

DRWN: CP CHKD: JS

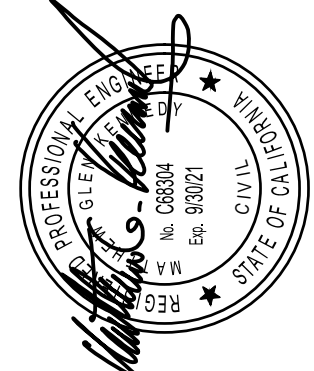
C-302

SHEET 36 OF 121

2019-11-11 3:22 PM KHARVEY
NAUSSANTA ROSA PROJECTS\56111191705\DIGITAL_DESIGN\ACAD 2018\SHEETS\CIVIL\1191705_C-301.DWG



GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95405, USA
Tel: 707.527.8800
Fax: 707.527.8879
W: www.ghd.com



11/12/2019

BAR IS ONE INCH ON
ORIGINAL DRAWING

REUSE OF DOCUMENTS

This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	DESCRIPTION	ISSUE
XX-400-2000X-000XSET			

CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
CROSS SECTIONS
STA. 11+00-13+50

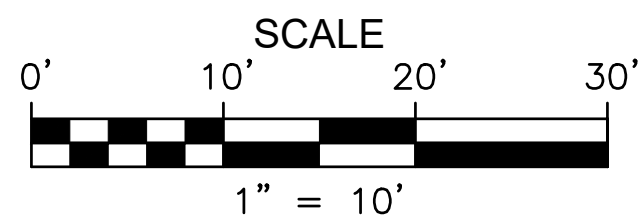
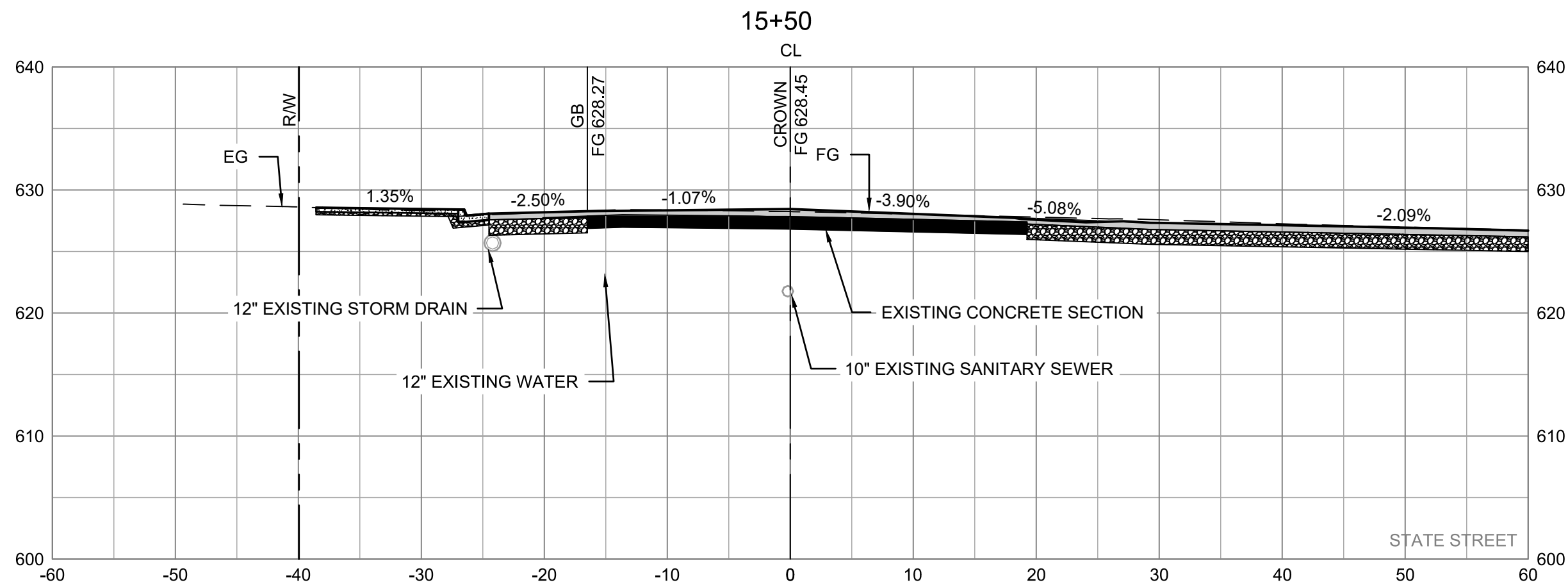
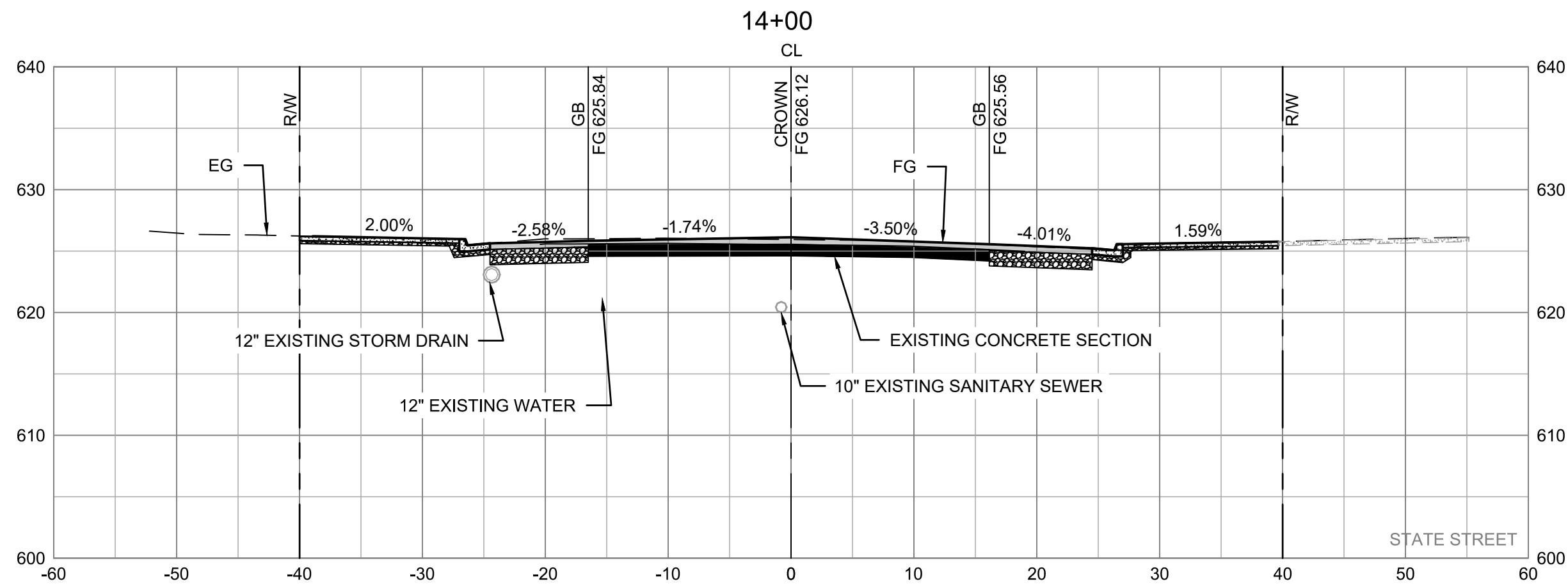
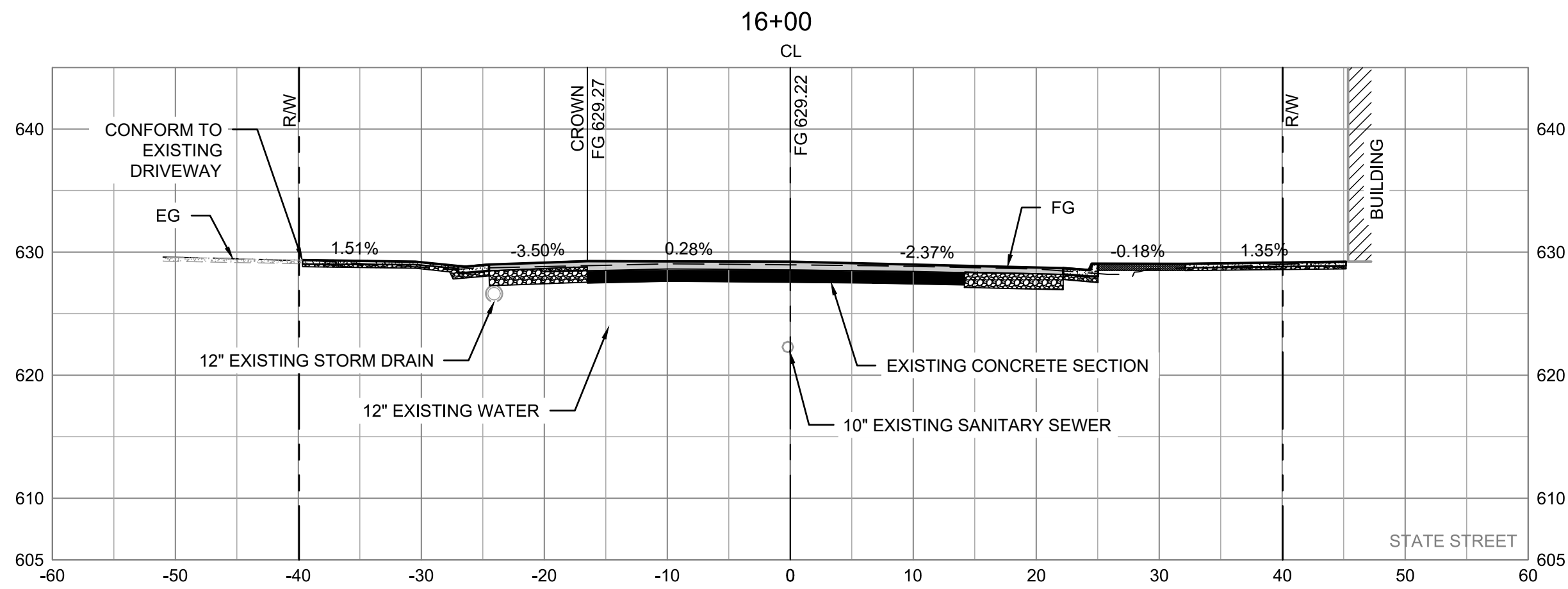
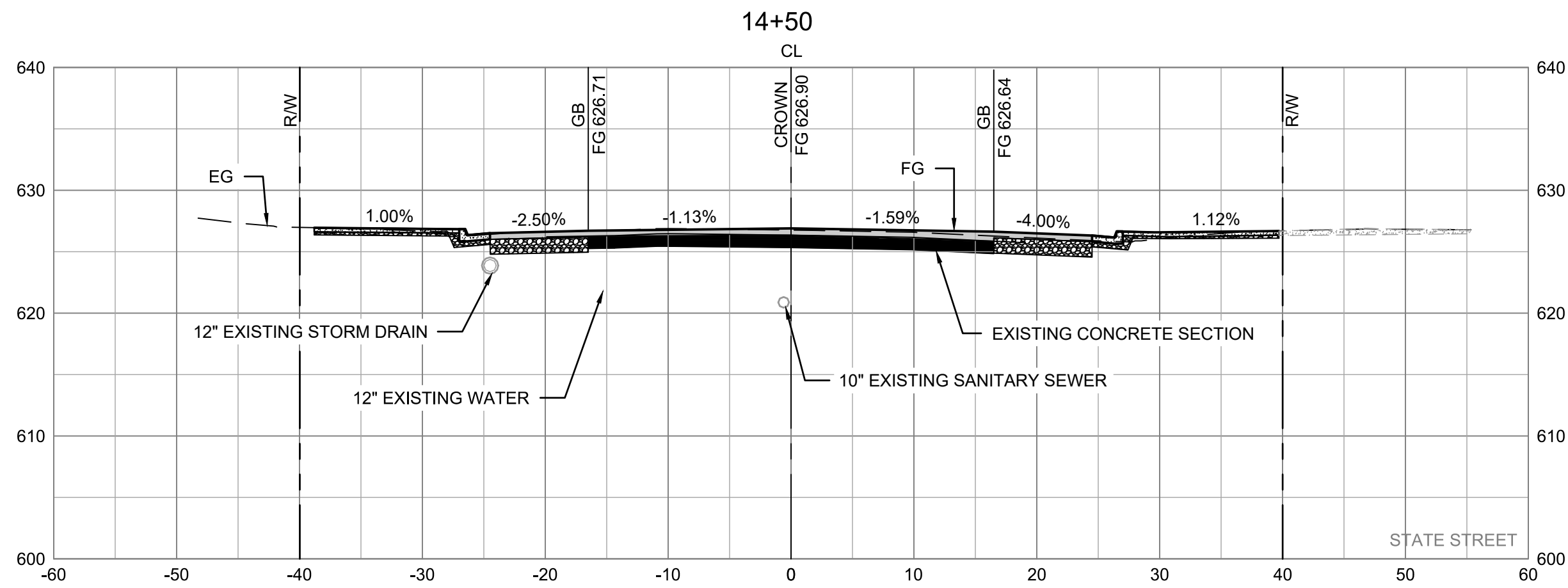
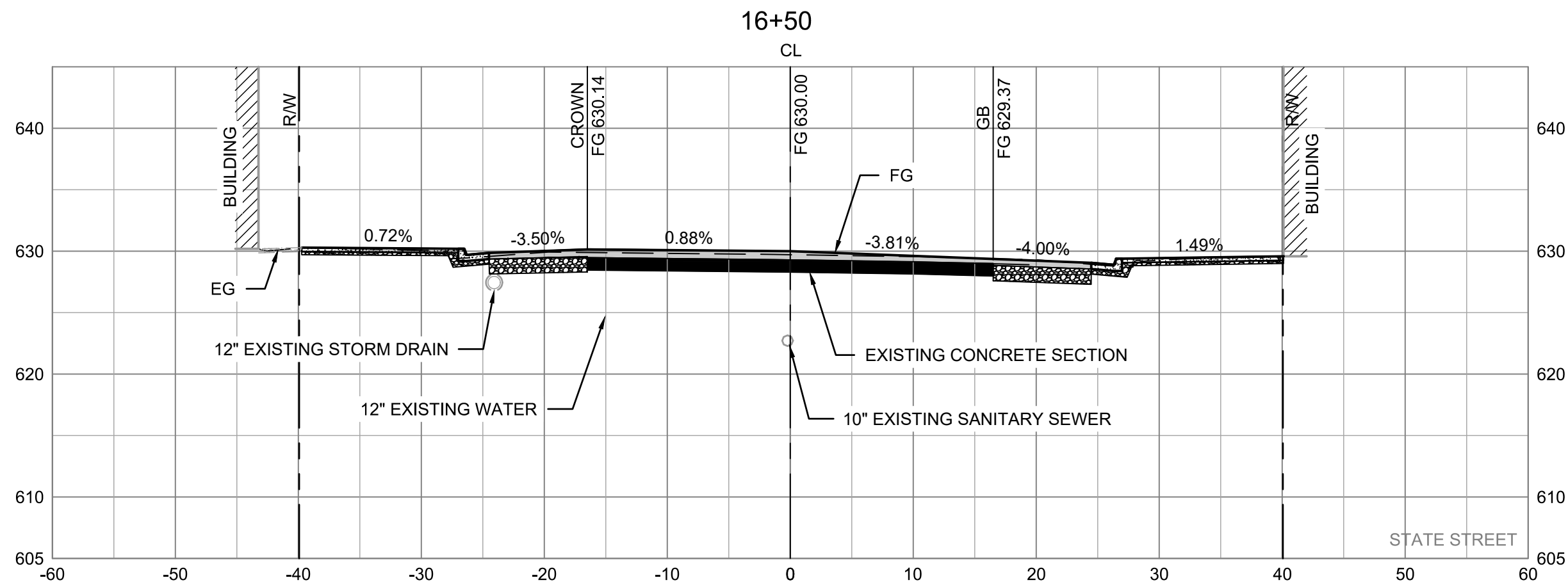
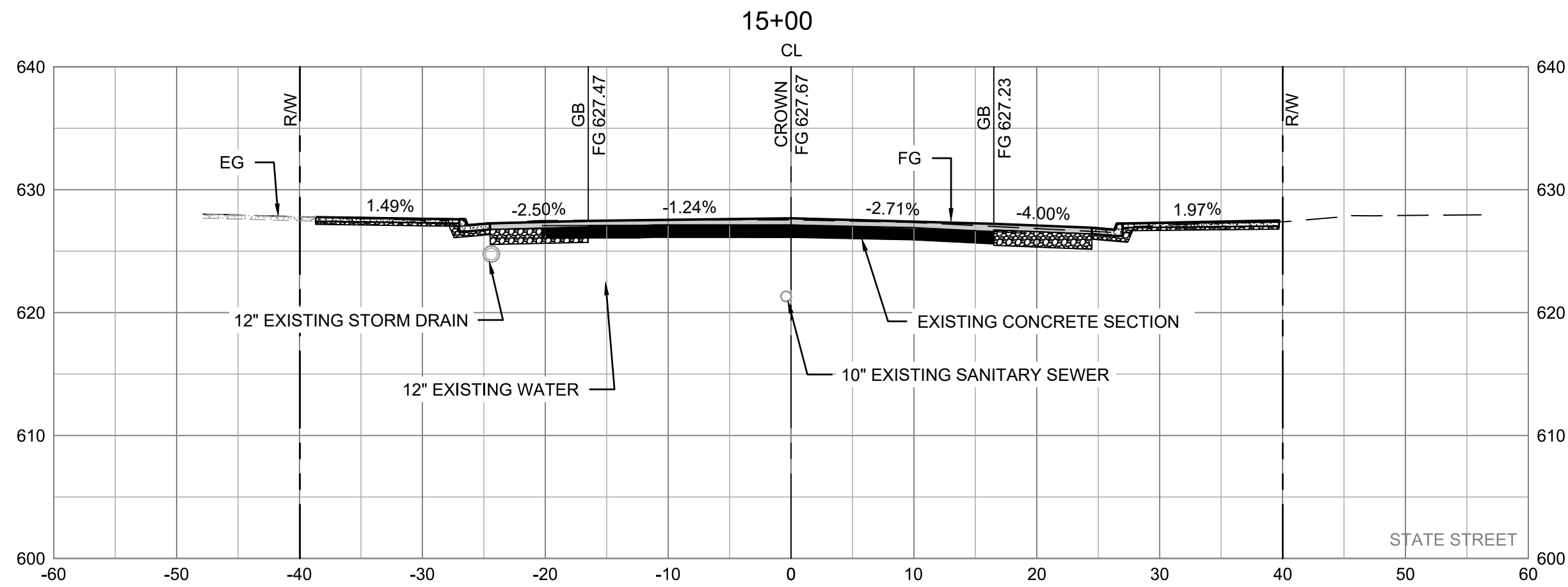
PROJ NO: 11191705

DRWN: CP CHKD: JS

C-303

SHEET 37 OF 121

2019-11-11 3:22 PM KHARVEY
NAUISANTA ROSA PROJECTS\56111191705\DIGITAL_DESIGN\ACAD 2018\SHEETS\CIVIL\1191705_C-301.DWG



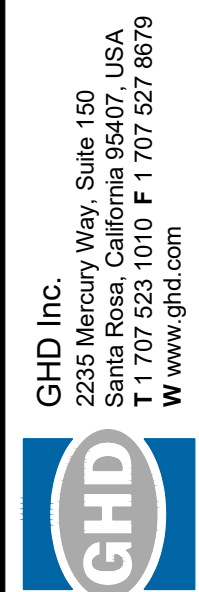
CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT

CROSS SECTIONS
STA. 14+00-16+50

PROJ NO: 11191705
DRWN: CP CHKD: JS
C-304
SHEET 38 OF 121

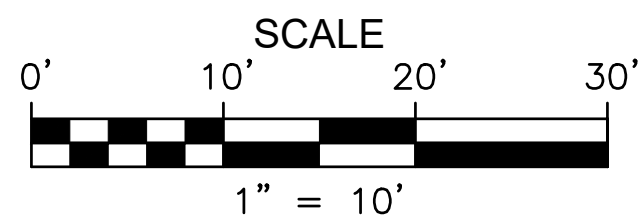
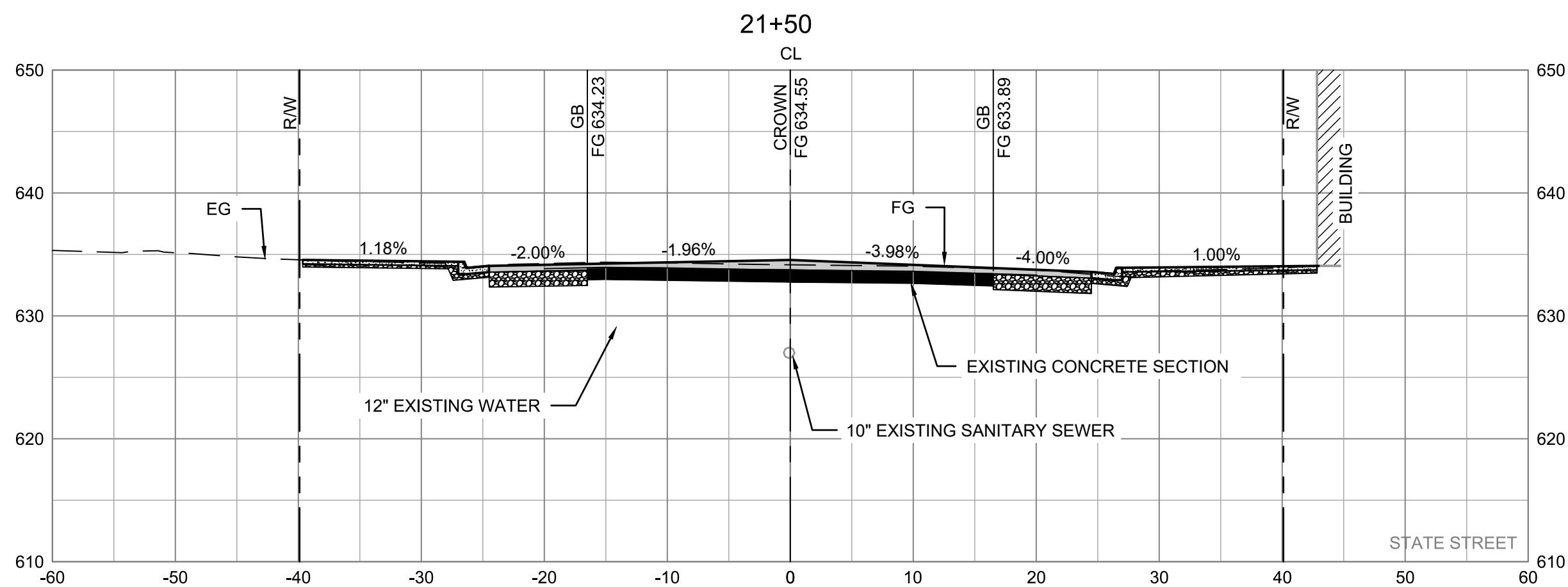
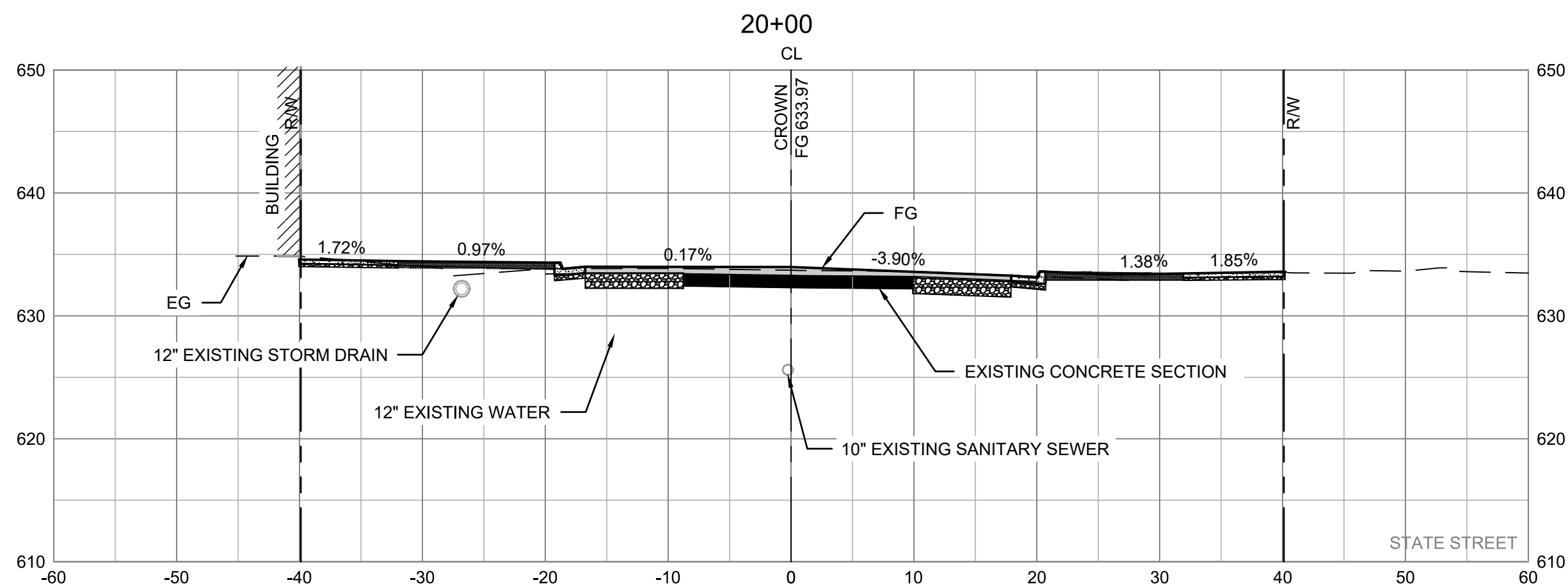
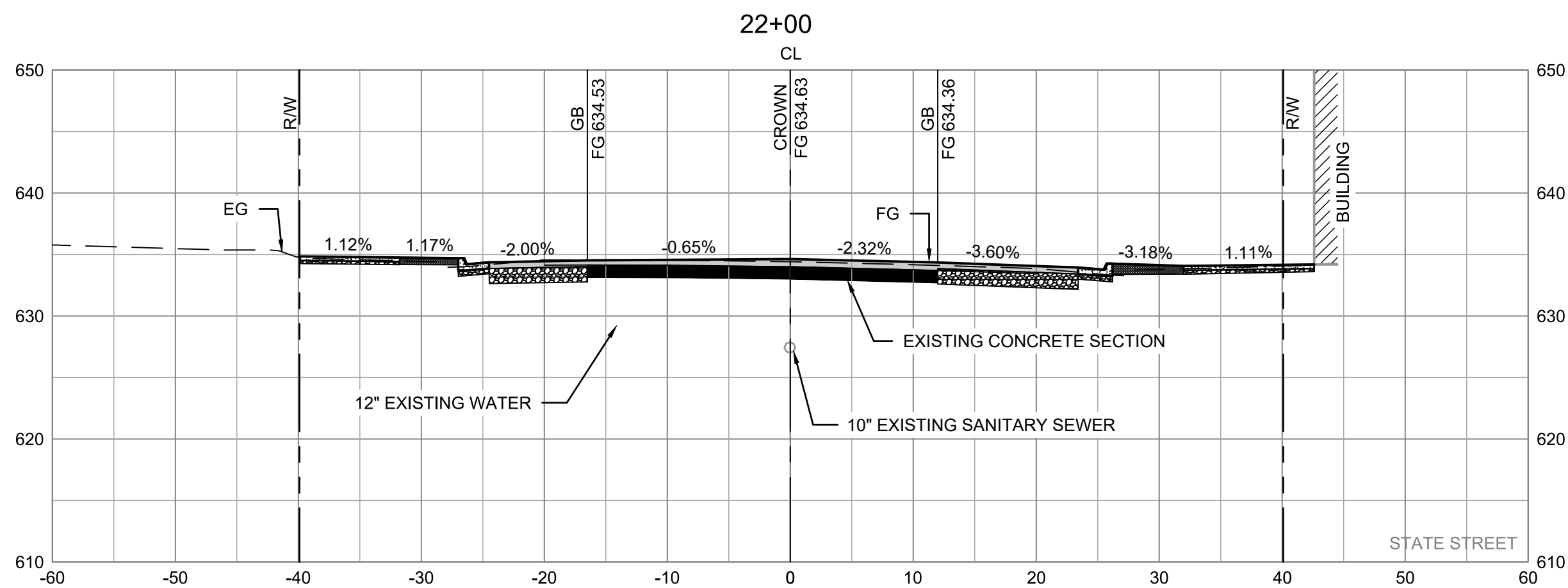
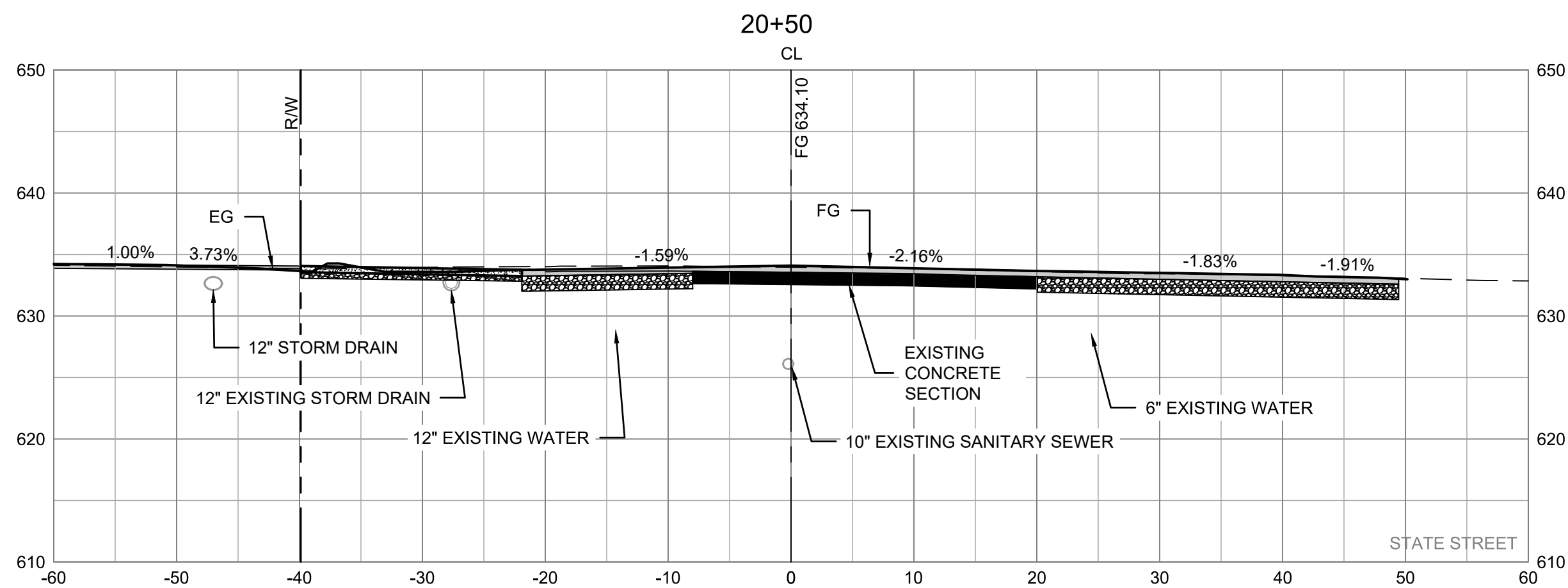
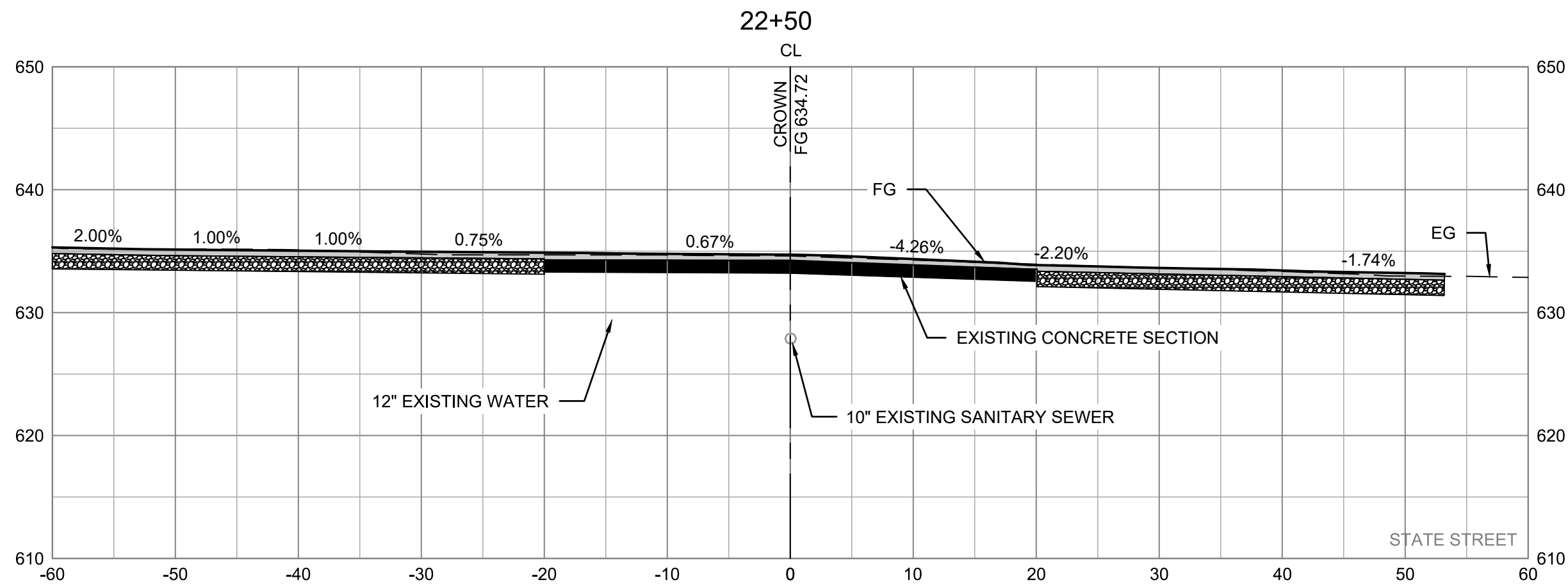
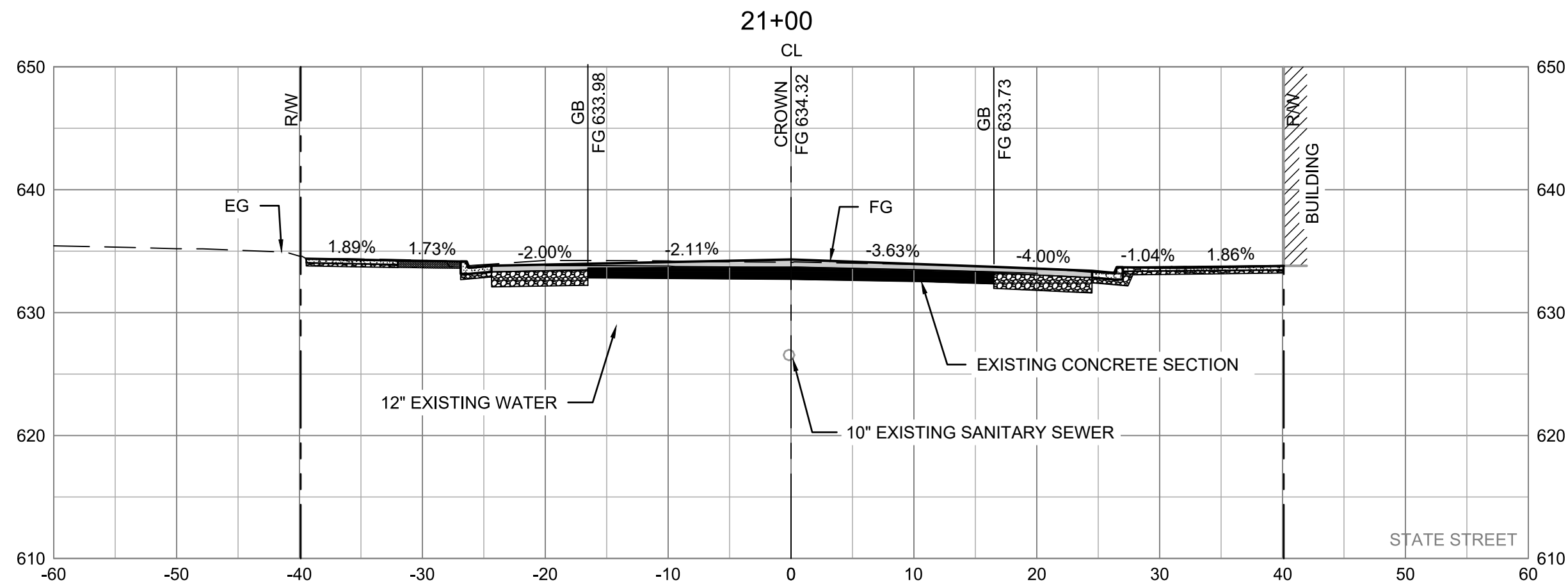
BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"

REUSE OF DOCUMENTS
This document and the ideas and designs
incorporated herein, as an instrument of
professional service, is the property of GHD
and shall not be reused in whole or in part
for any project without GHD's written
authorization.
© 2019 GHD

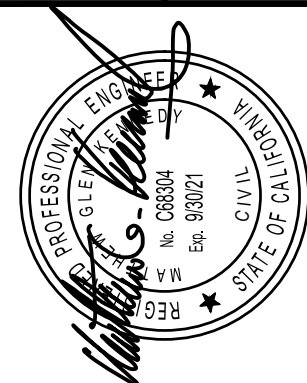


11/12/2019

2019-11-11 3:22 PM KHARVEY
NAUSSANTA ROSA PROJECTS\56111191705\DIGITAL_DESIGN\CAD 2018\SHEETS\CIVIL\1191705_C-301.DWG



GHD Inc.
2235 Mercury Way, Suite 150
Santa Clara, California 95050 USA
Tel: 408.551.0100 F: 408.527.8879
W: www.ghd.com



11/12/2019

BAR IS ONE INCH ON
ORIGINAL DRAWING

1"

REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

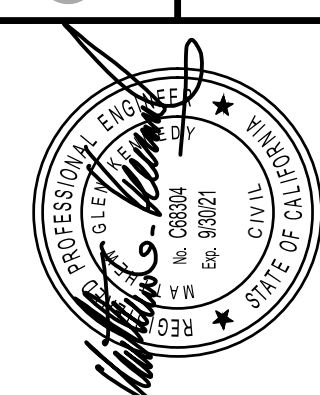
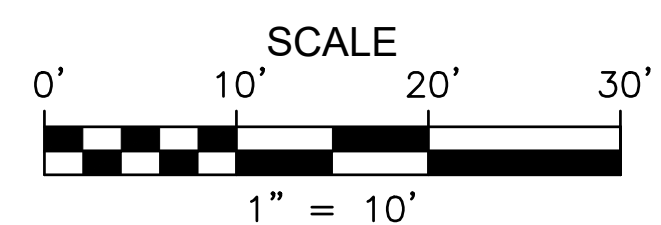
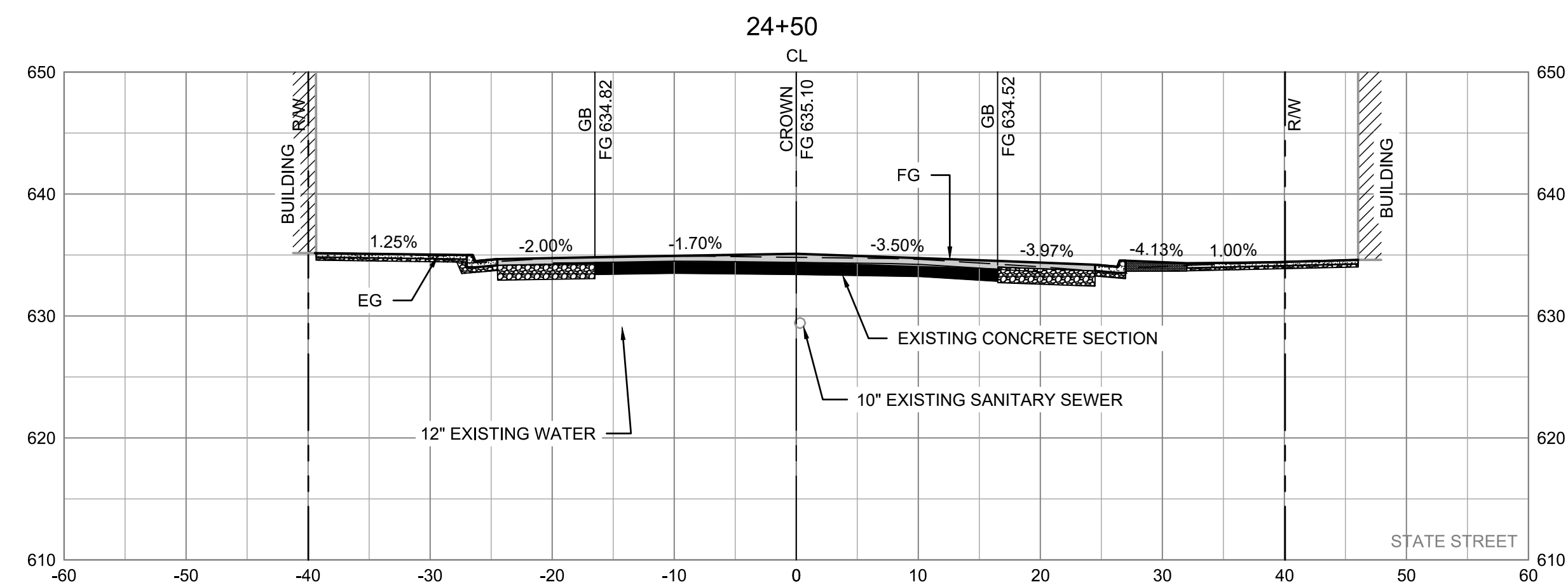
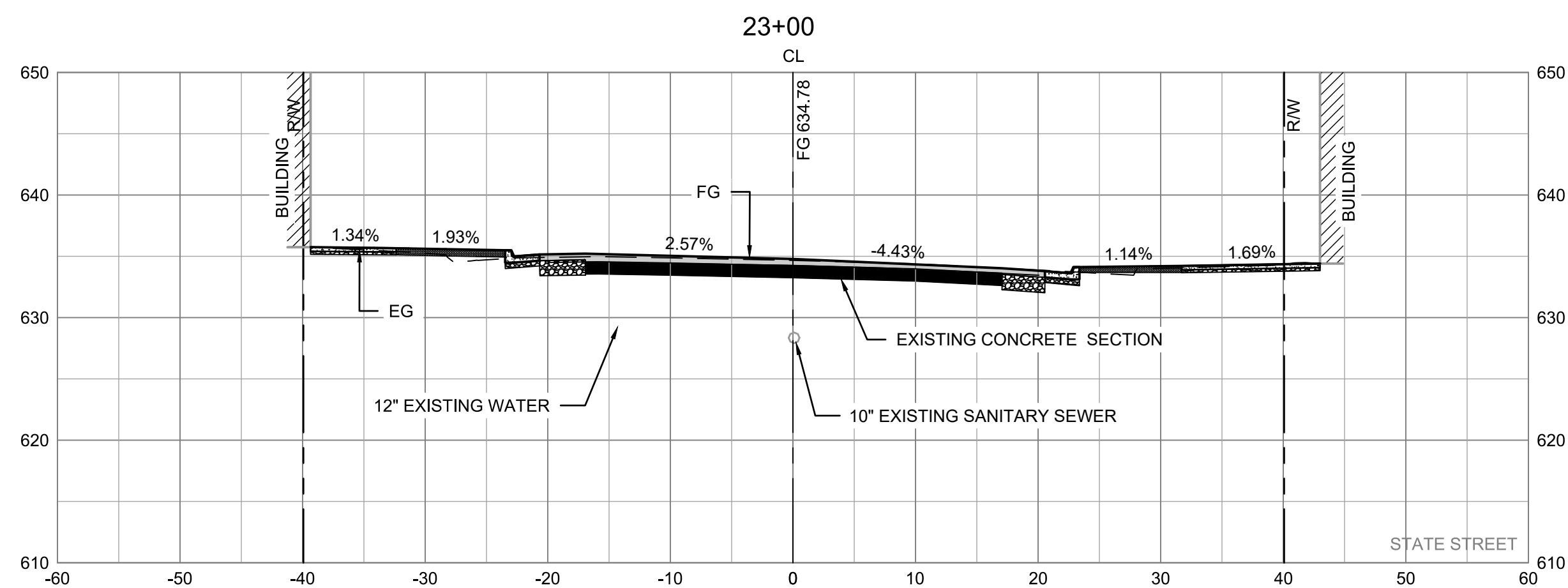
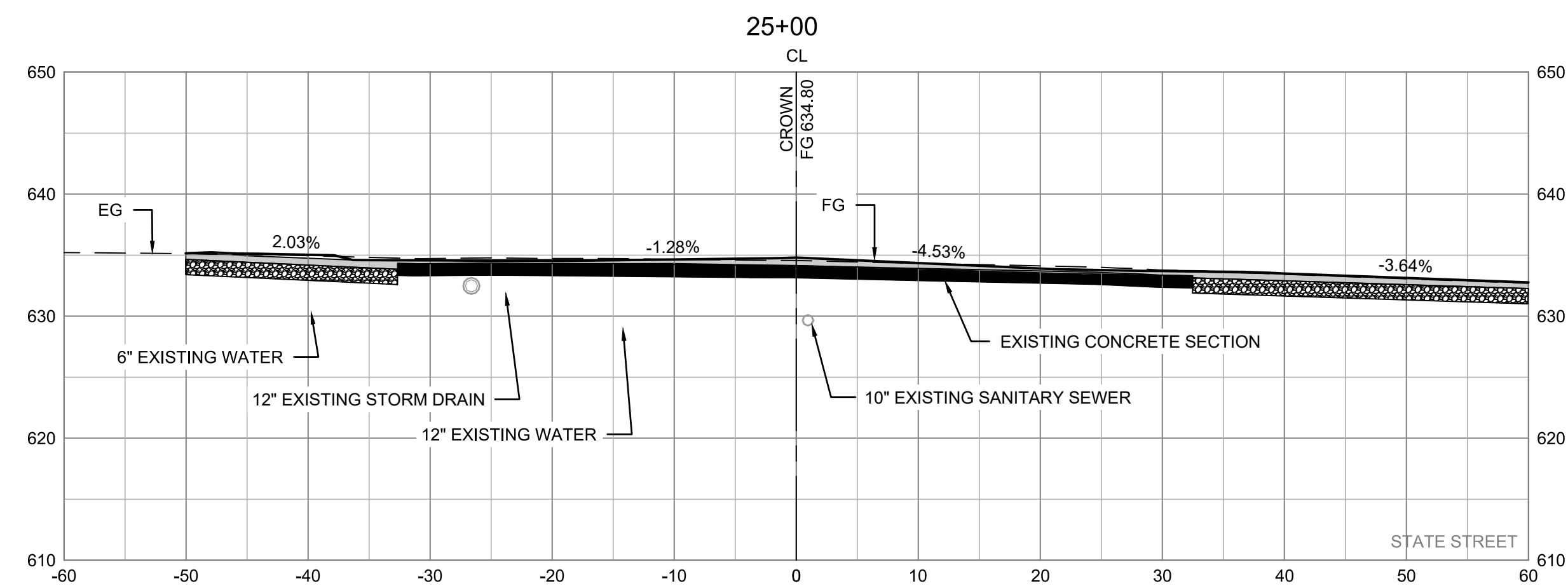
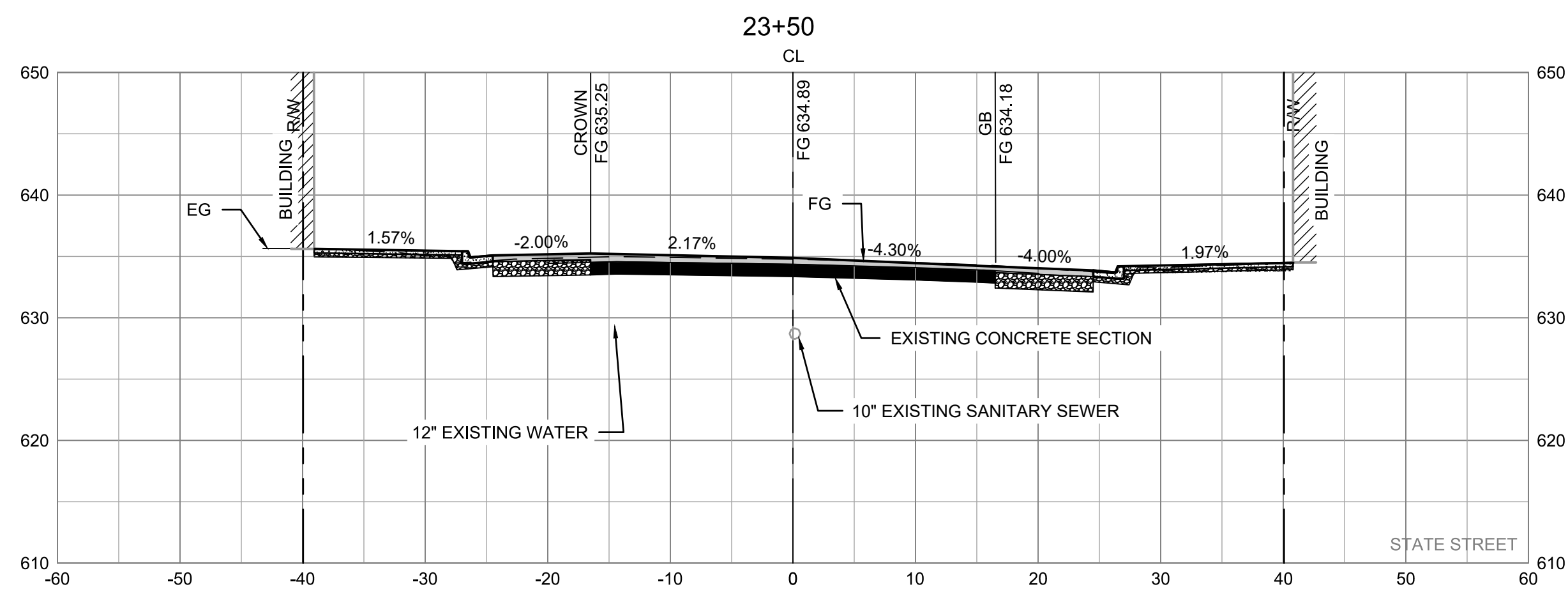
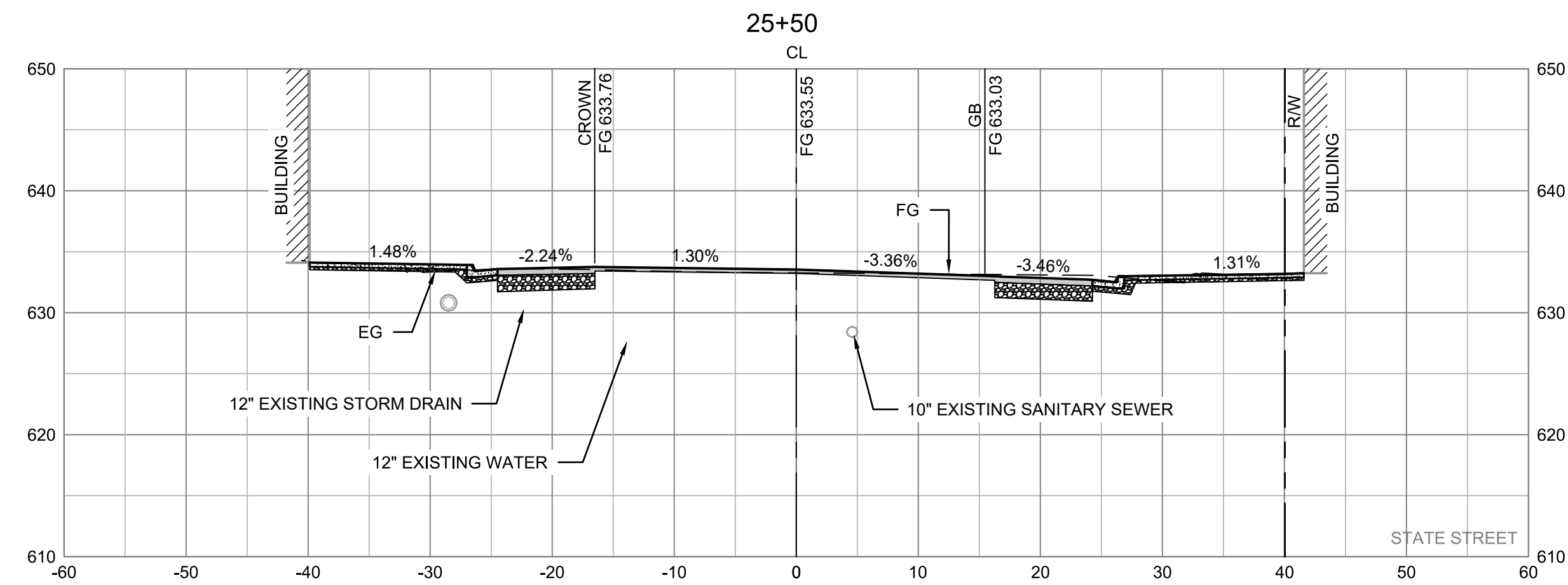
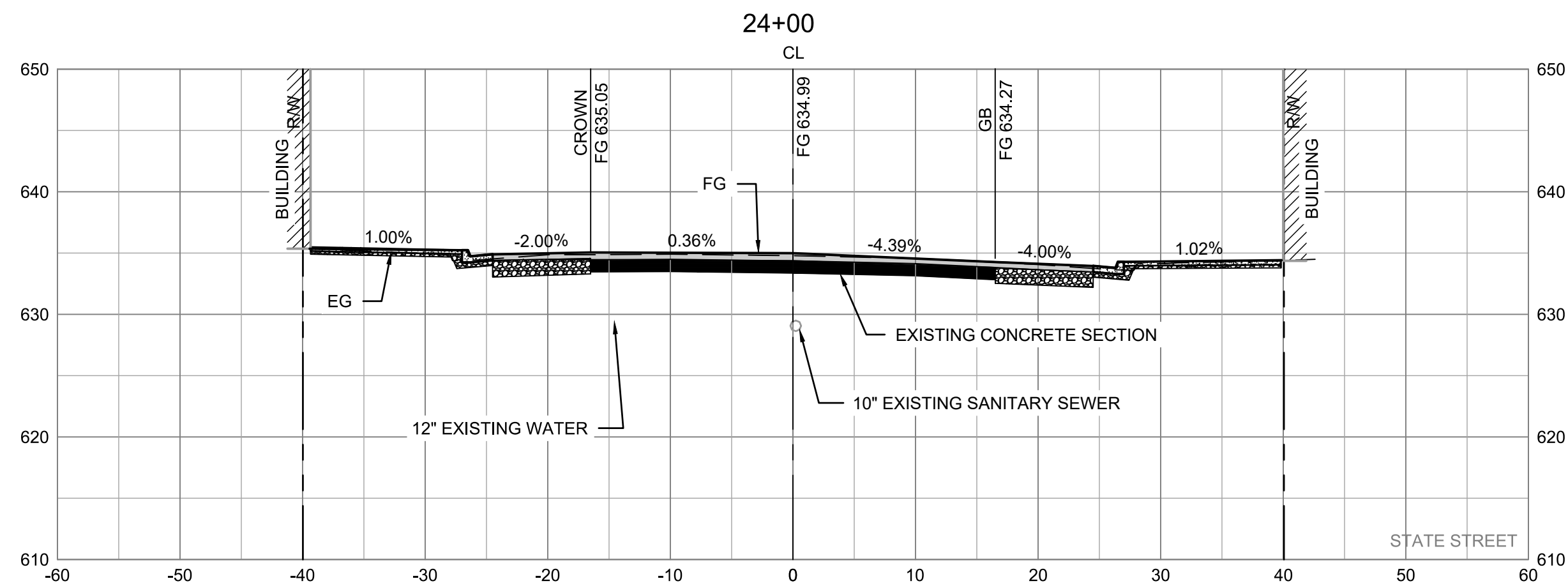
MARK	DATE	DESCRIPTION	ISSUE
XX-400-2000X	2000X	2000X	2000X

CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
CROSS SECTIONS
STA. 20+00-22+50

PROJ NO: 11191705
DRWN: CP CHKD: JS

C-306

SHEET 40 OF 121



11/12/2019

BAR IS ONE INCH ON
ORIGINAL DRAWING

0  1"

USE OF DOCUMENTS

This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.

© 2019 GHD

[illegible]

CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT

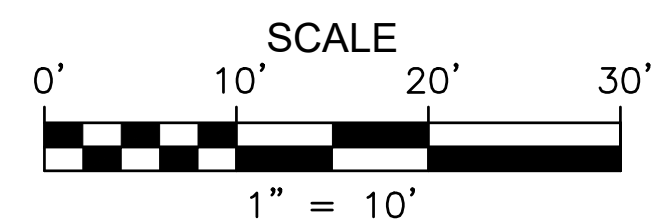
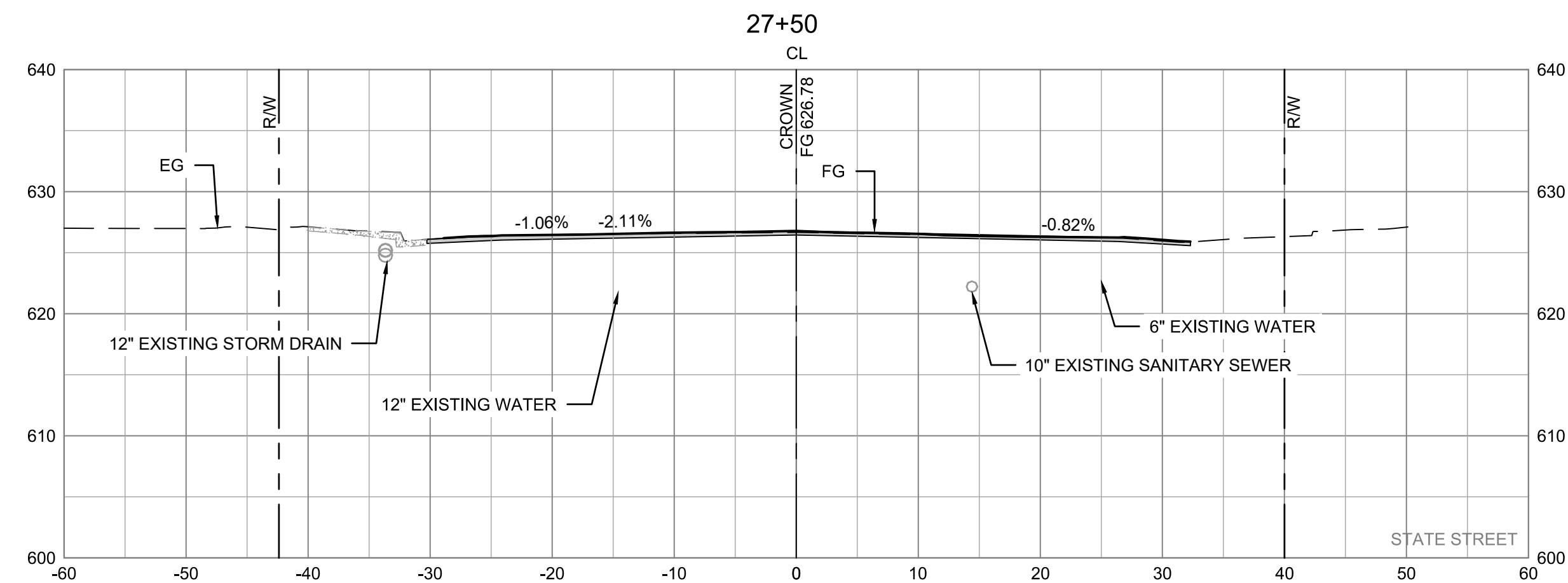
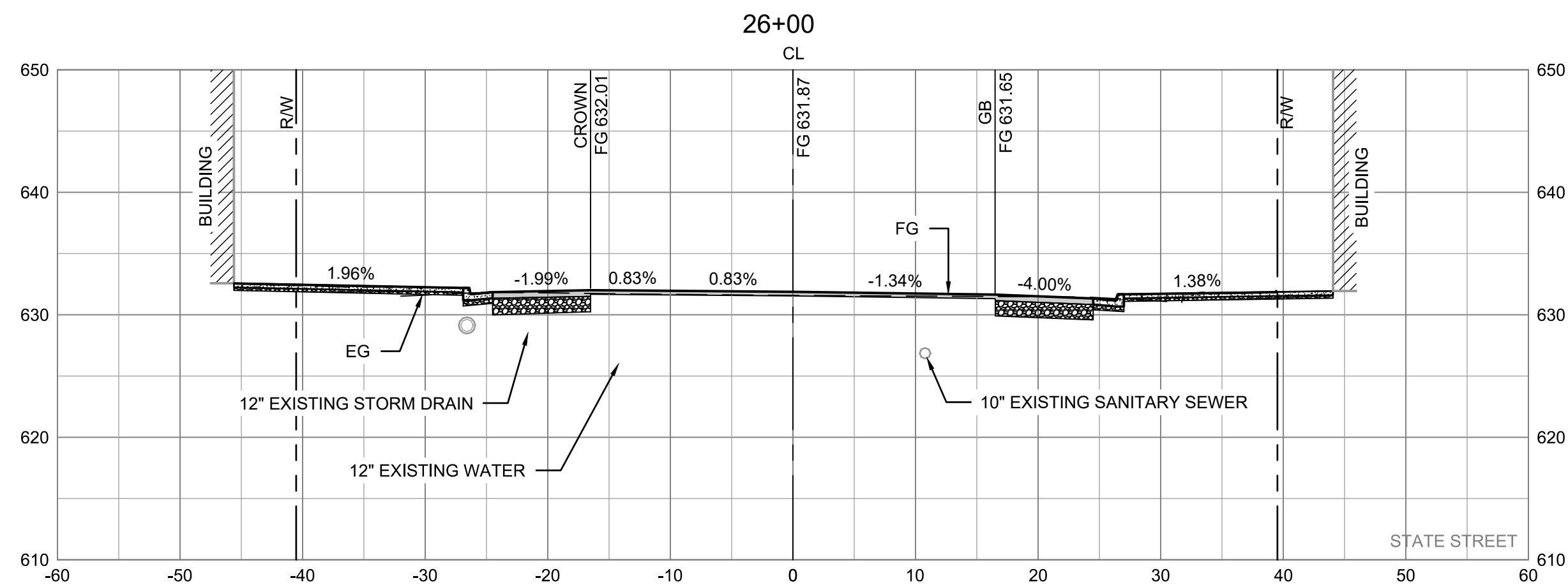
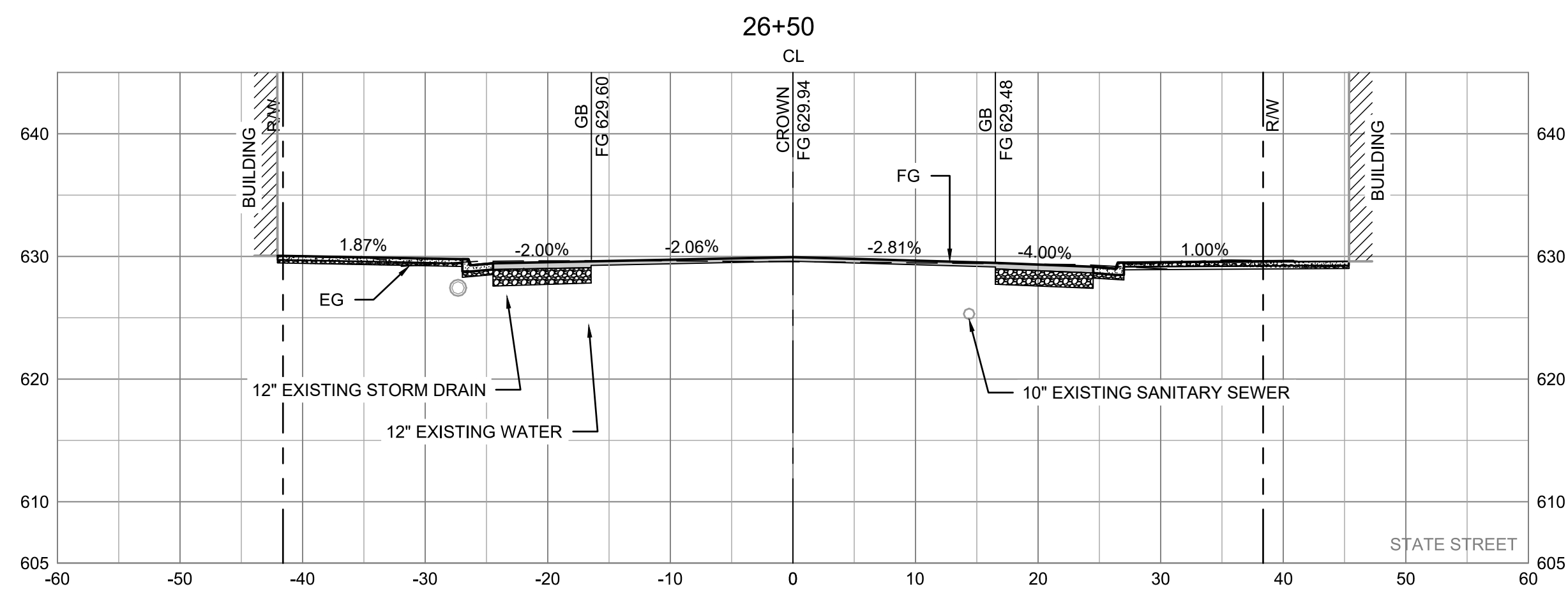
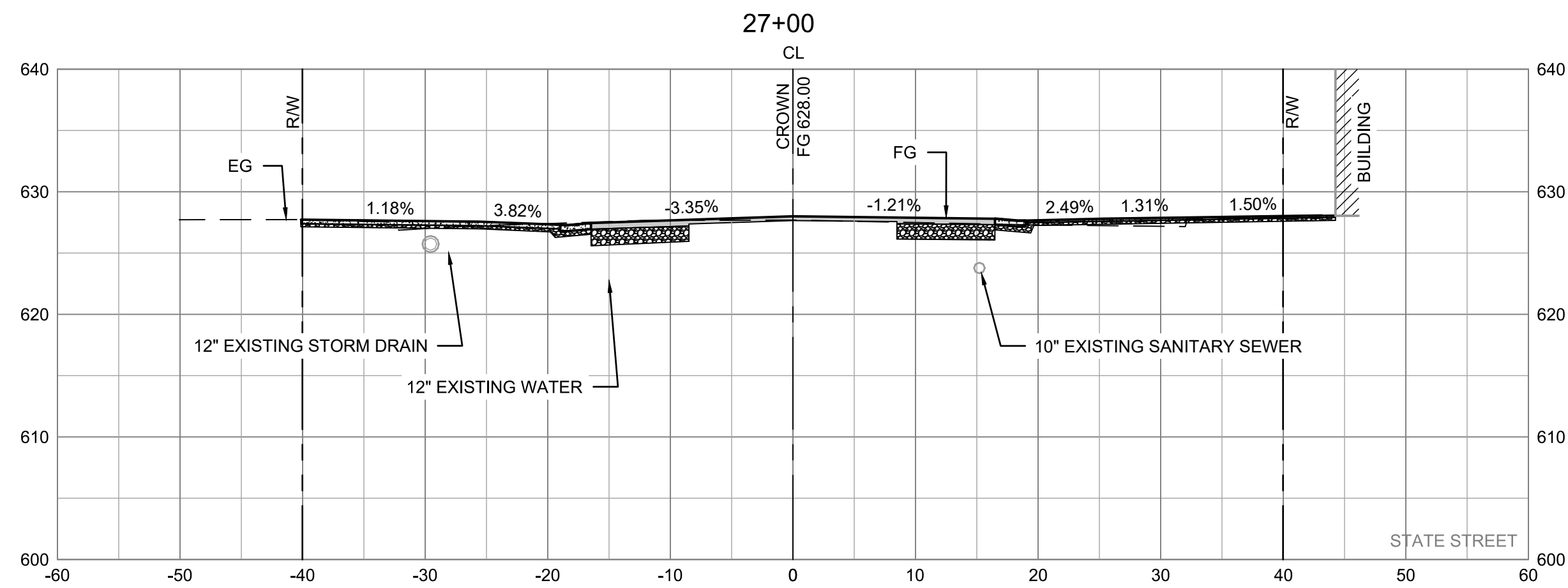
CROSS SECTIONS
STA. 23+00-25+50

PROJ NO: 11191705

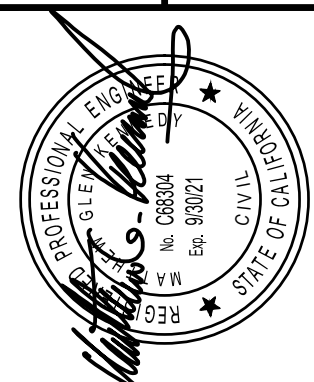
DRWN: CP	CHKD: JS
----------	----------

C-307

SHEET 41 OF 121



GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95407, USA
T 1 707 523 1010 **F** 1 707 527 8679
W www.ghd.com



11/12/2019

BAR IS ONE INCH ON
ORIGINAL DRAWING

REUSE OF DOCUMENTS

This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.

[illegible]

**CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT**

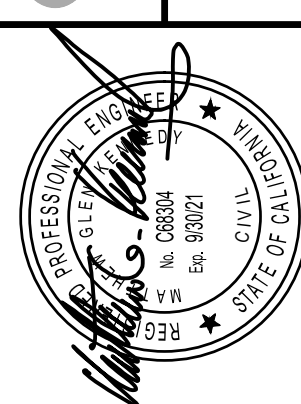
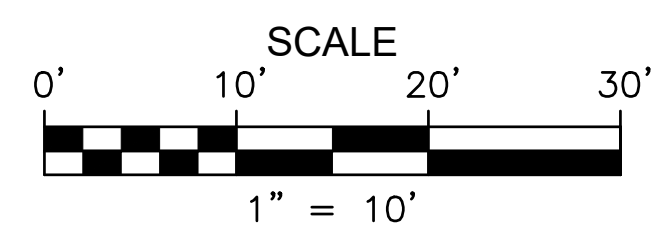
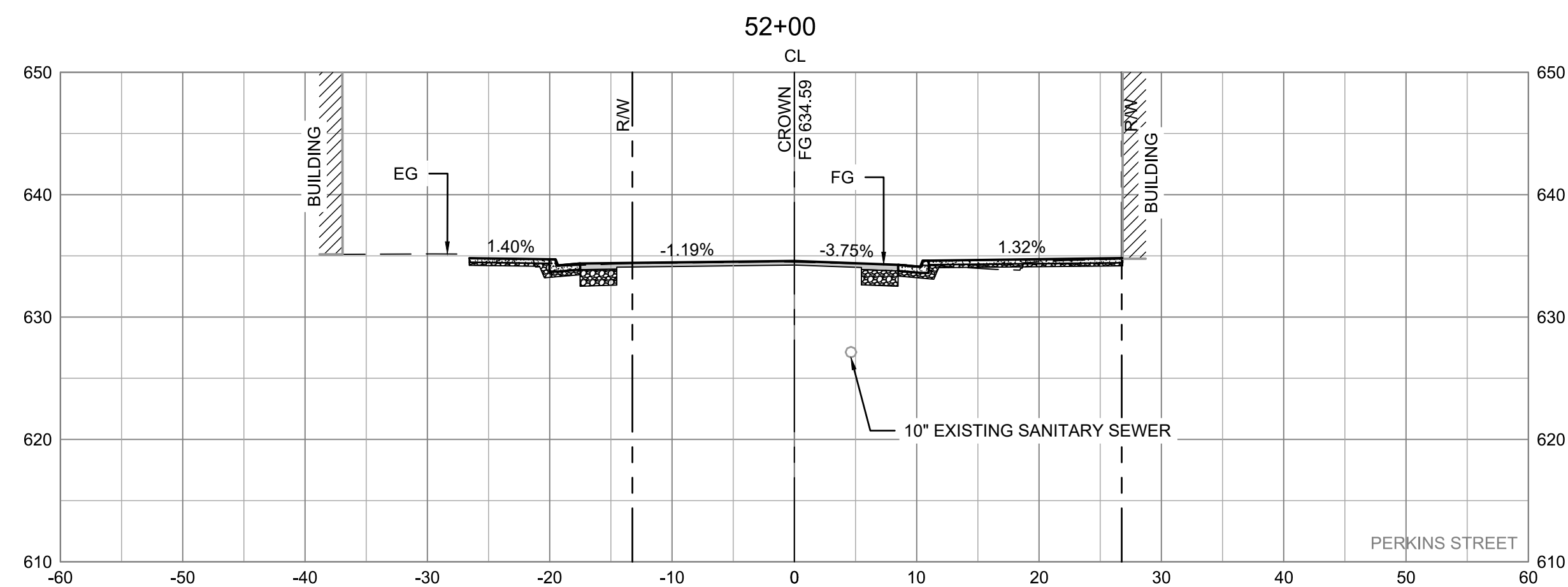
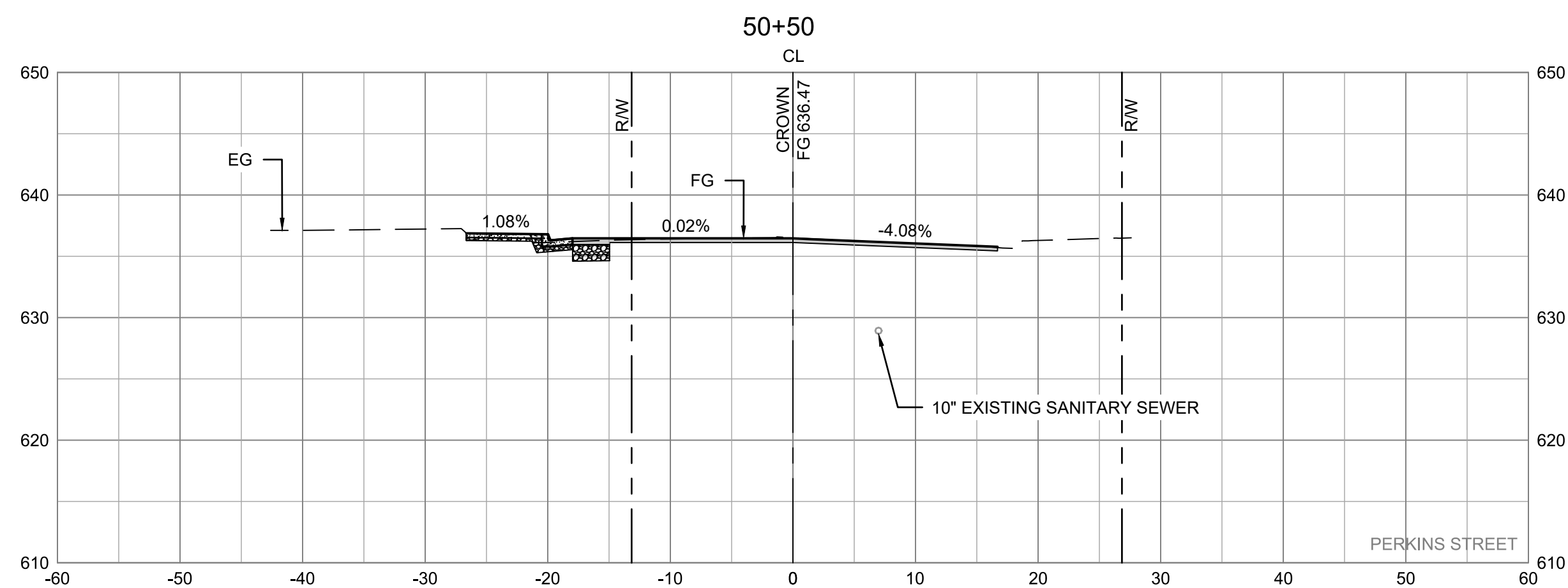
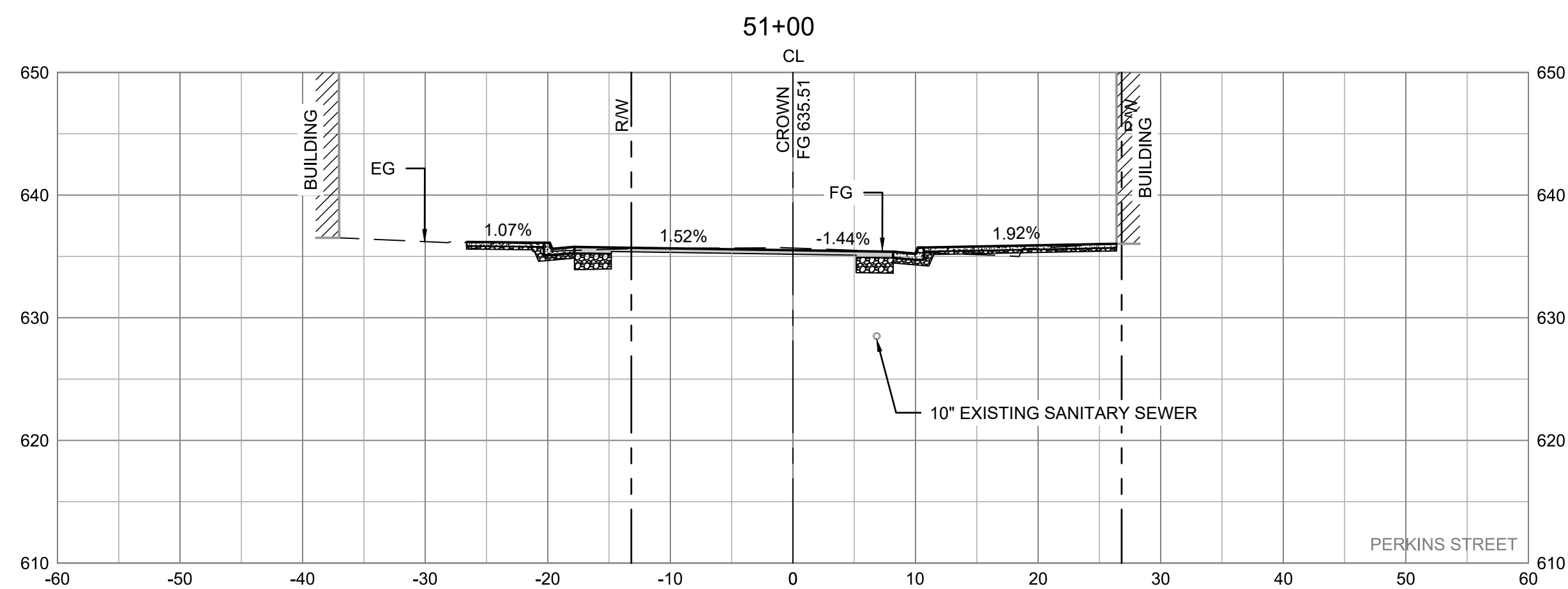
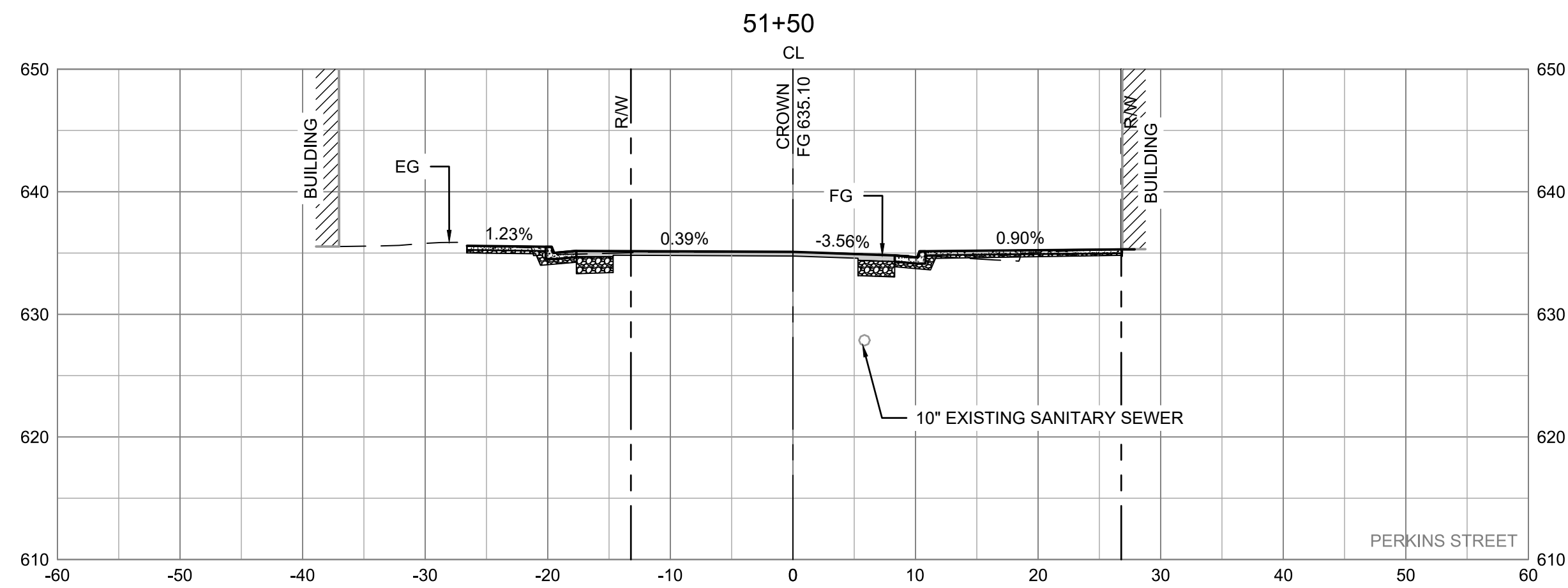
**CROSS SECTIONS
STA. 26+00-27+50**

PROJ NO: 11191705

DRWN: CP	CHKD: JS
----------	----------

C-308

SHEET 42 OF 121



11/12/2019

BAR IS ONE INCH ON
ORIGINAL DRAWING

ORIGINAL DRAWING

REUSE OF DOCUMENTS

THIS document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.

[illegible]

CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT

CROSS SECTIONS
PERKINS ST STA. 50+50-52+00

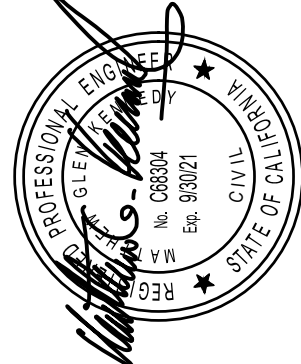
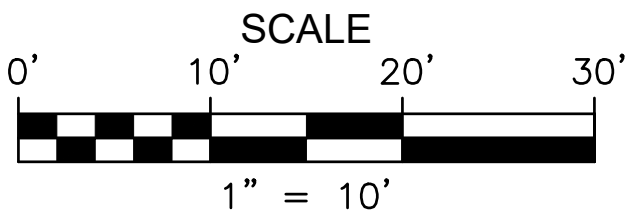
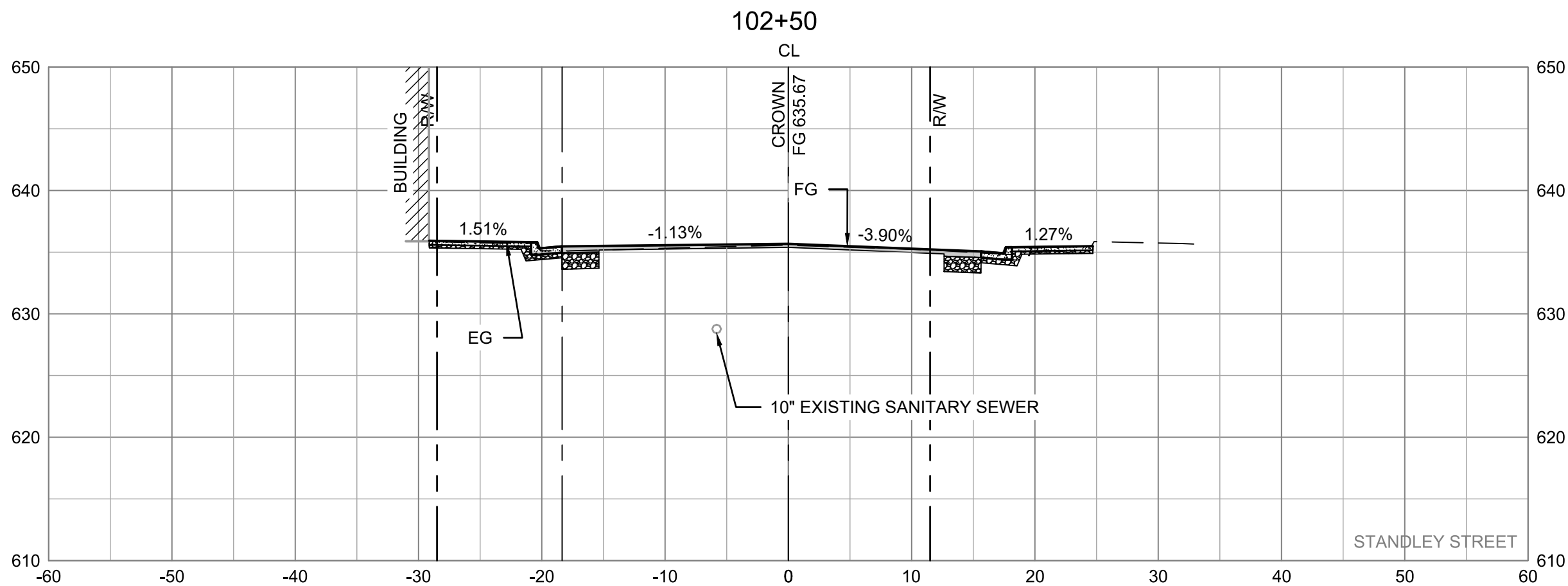
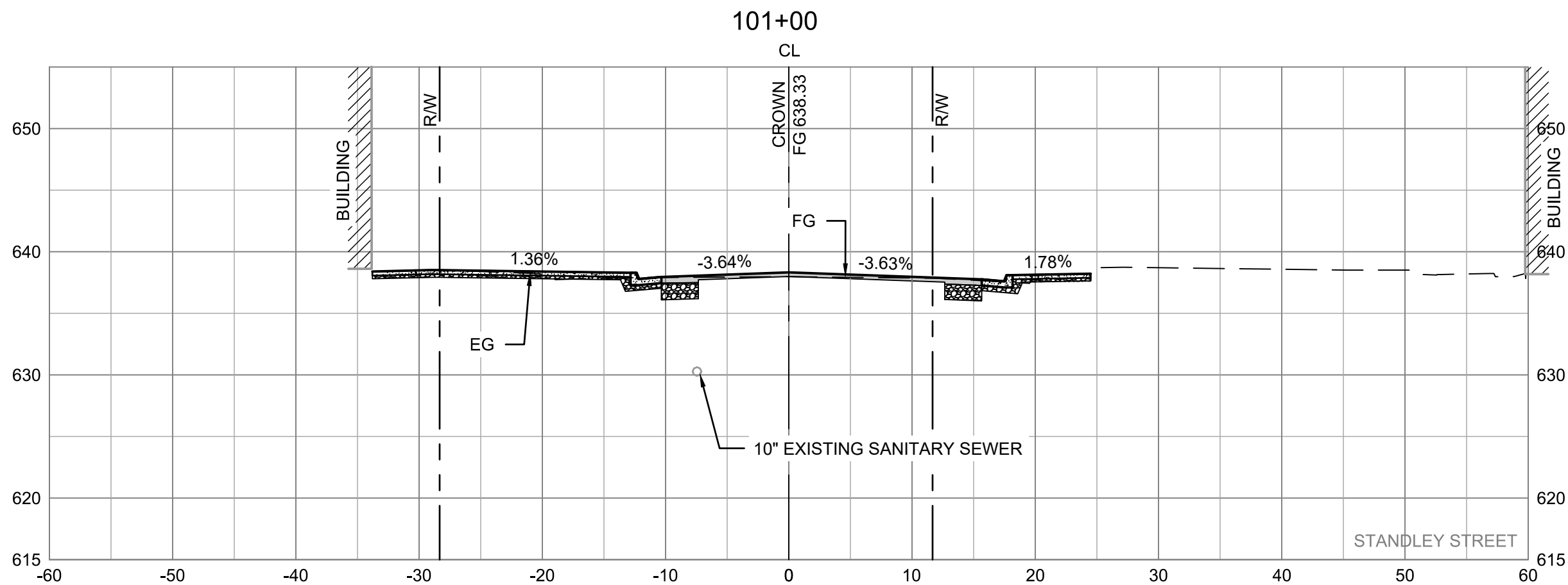
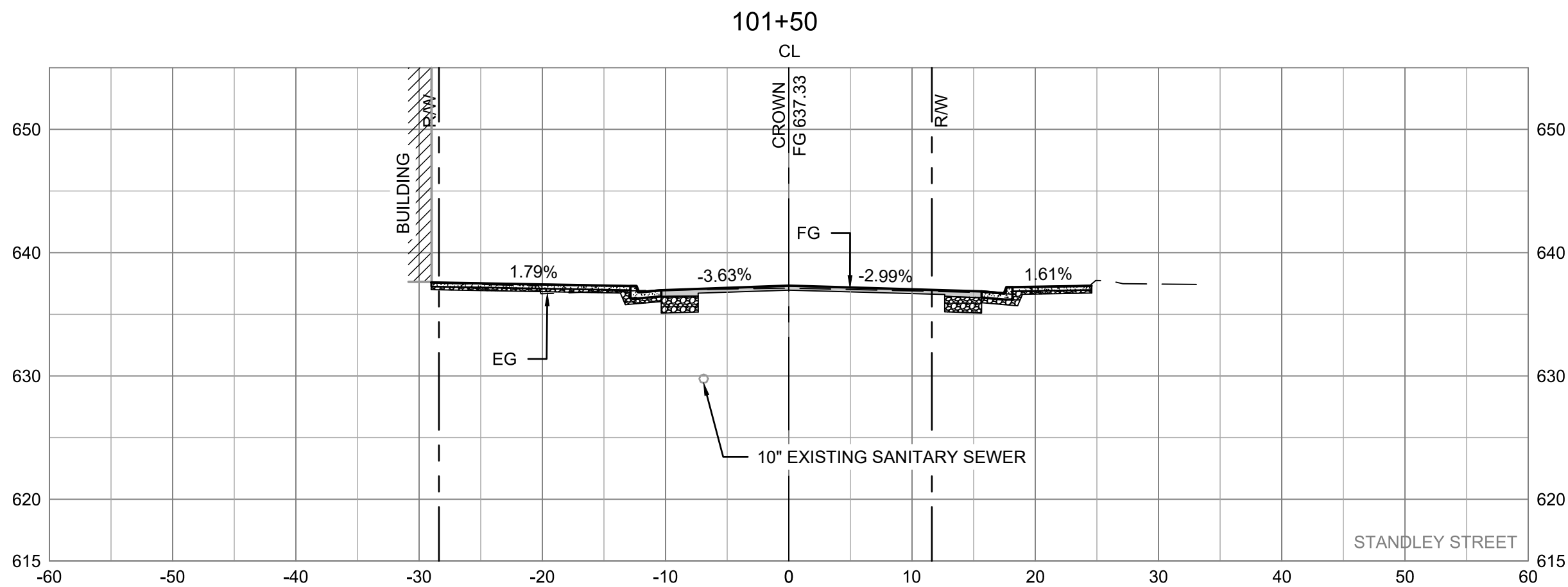
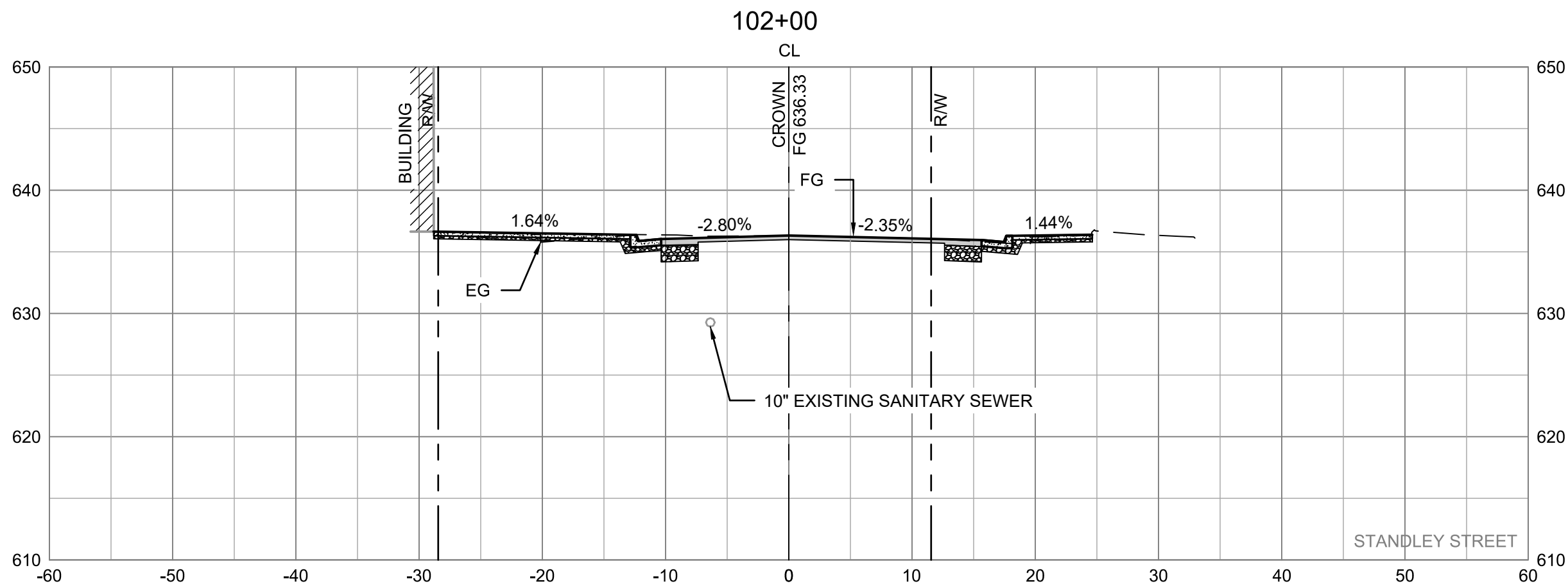
PROJ NO: 11191705

DRWN: CP	CHKD: JS
----------	----------

C-309

SHEET 43 OF 121

2019-11-11 3:23 PM KHARVEY
NAUSANTAROSAPROJECTS\5611119\705DIGITAL_DESIGNACAD 2018\SHEETS\CIVIL\1191705_C-301.DWG



BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"

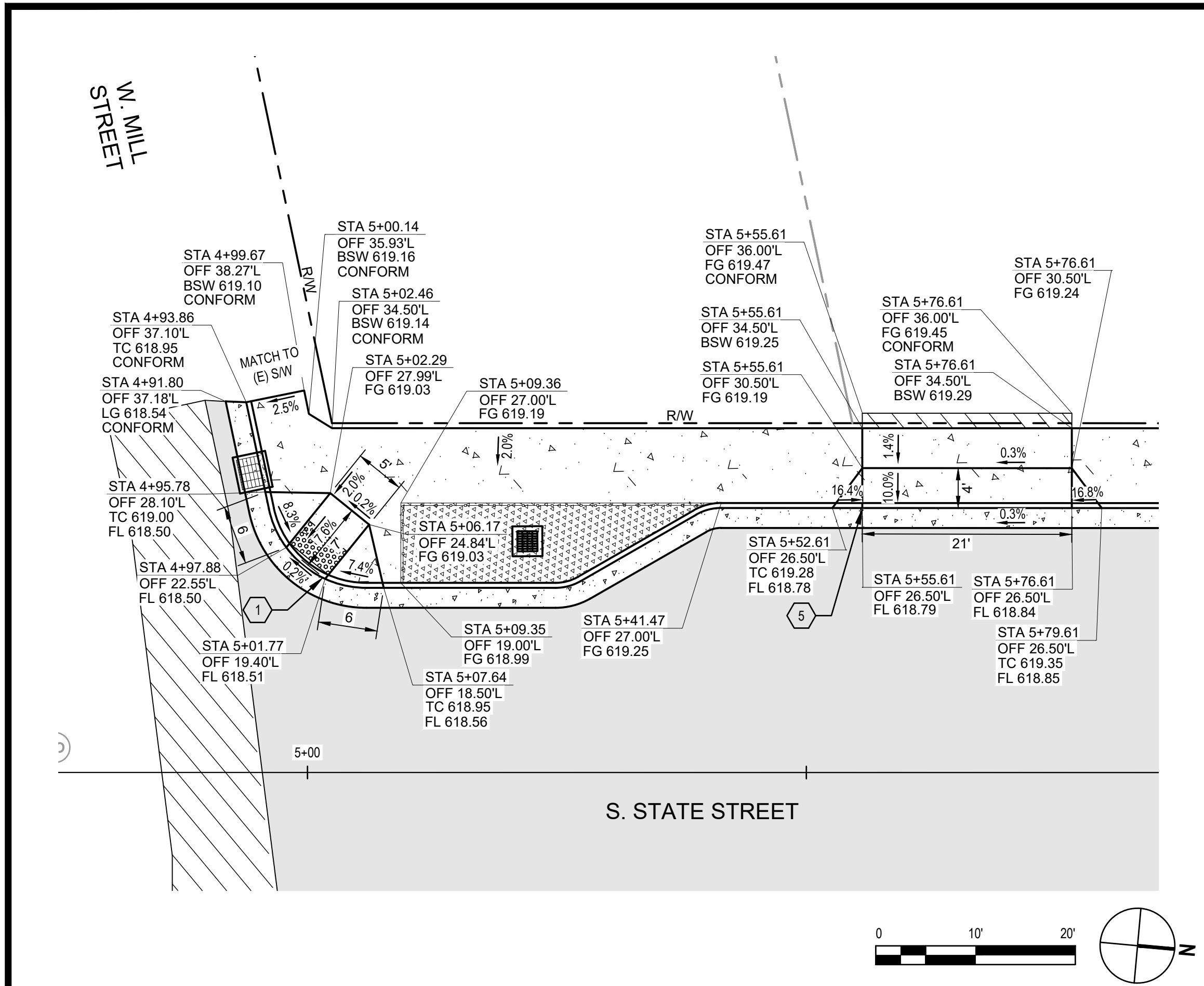
REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	DESCRIPTION	ISSUE
XX4002000X	08/01/20	REUSE	

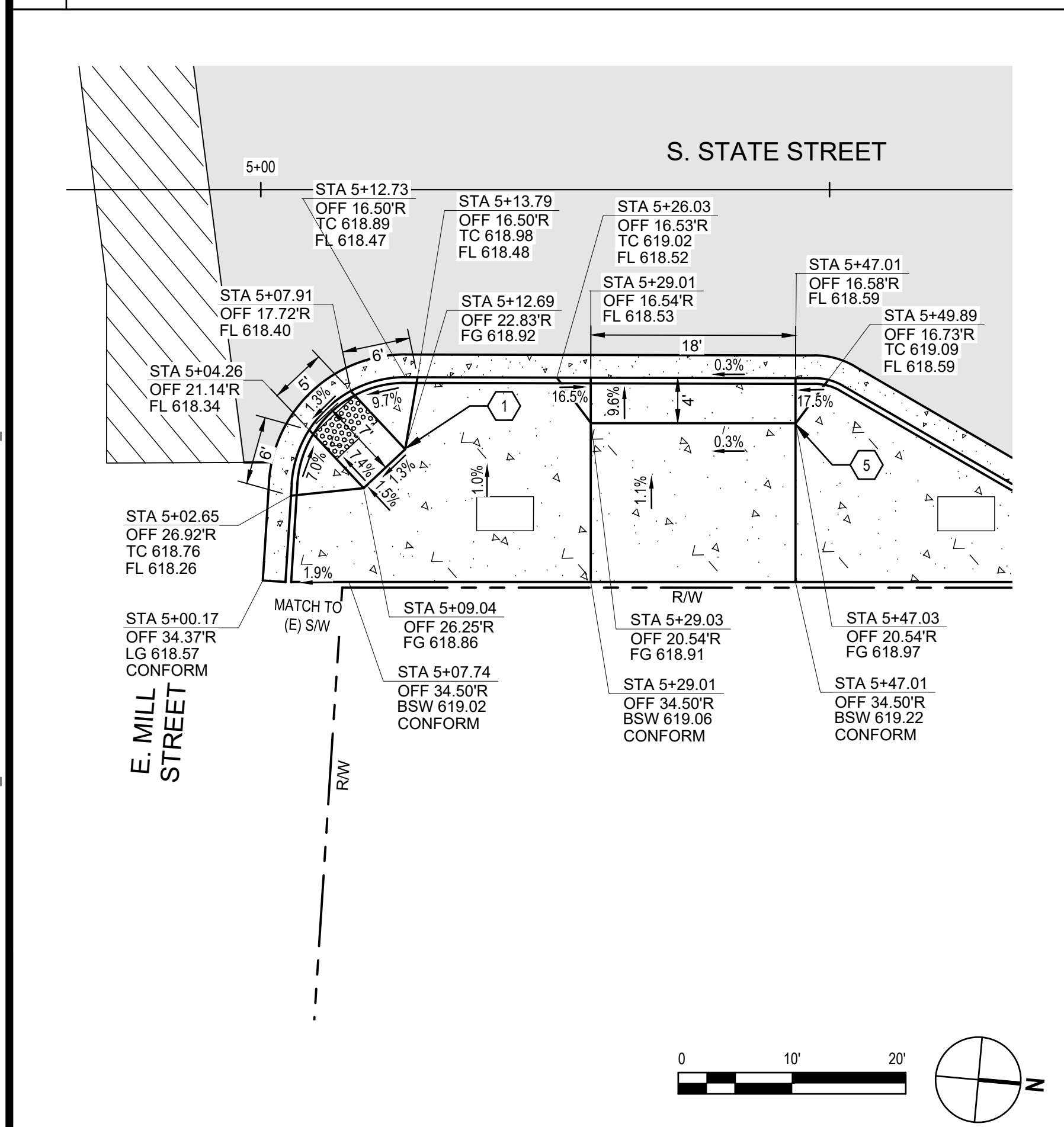
CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
CROSS SECTIONS
STANDLEY ST STA 101+00 - STA 102+50

PROJ NO: 11191705
DRWN: CP CHKD: JS
C-310
SHEET 44 OF 121

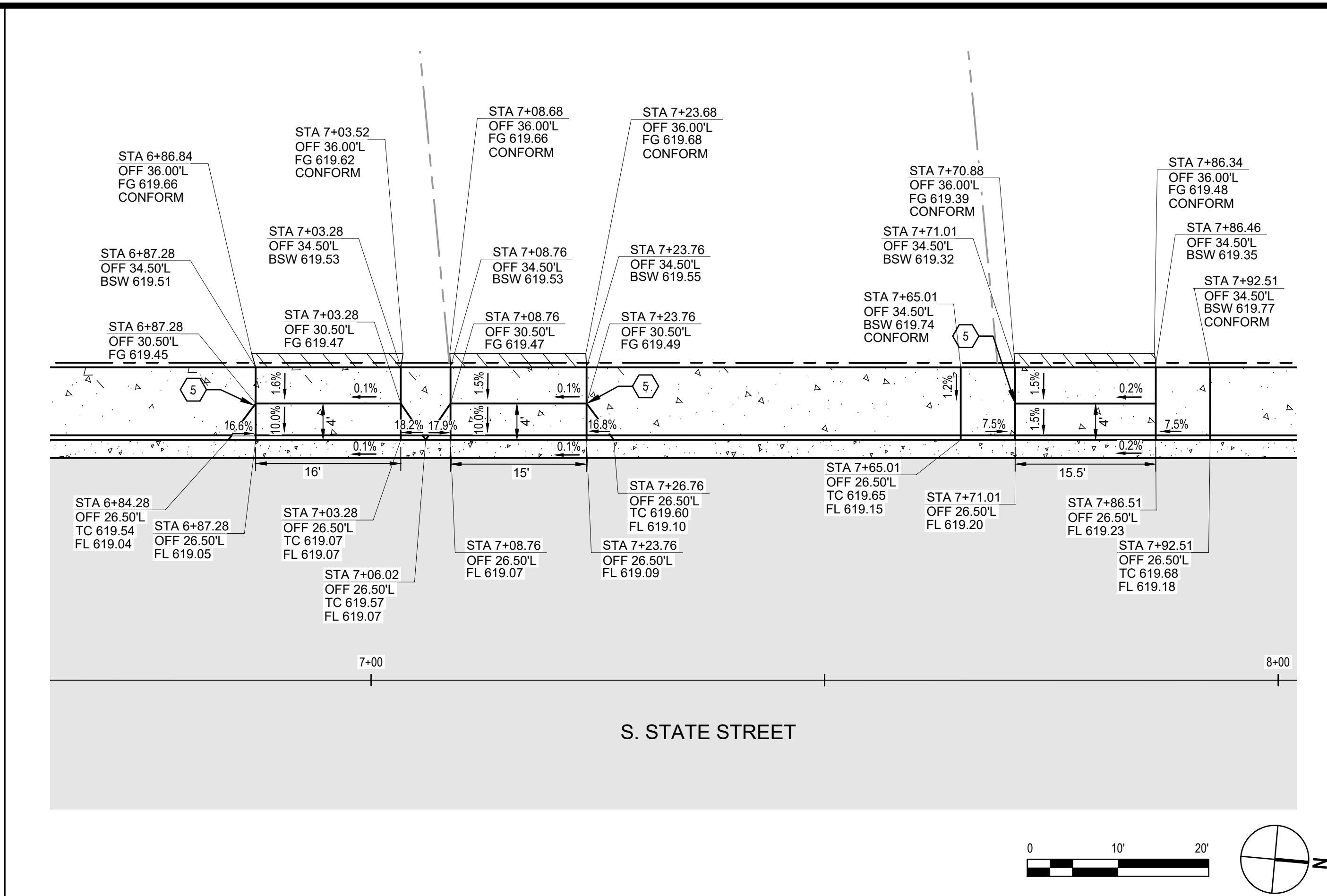
2019-11-11 3:23 PM KHARVEY
NAJUSANTA ROSA\PROJECTS\5611191705\DIGITAL_DESIGN\ACAD 2018\SHEETS\CIVIL\1191705_C-401.DWG



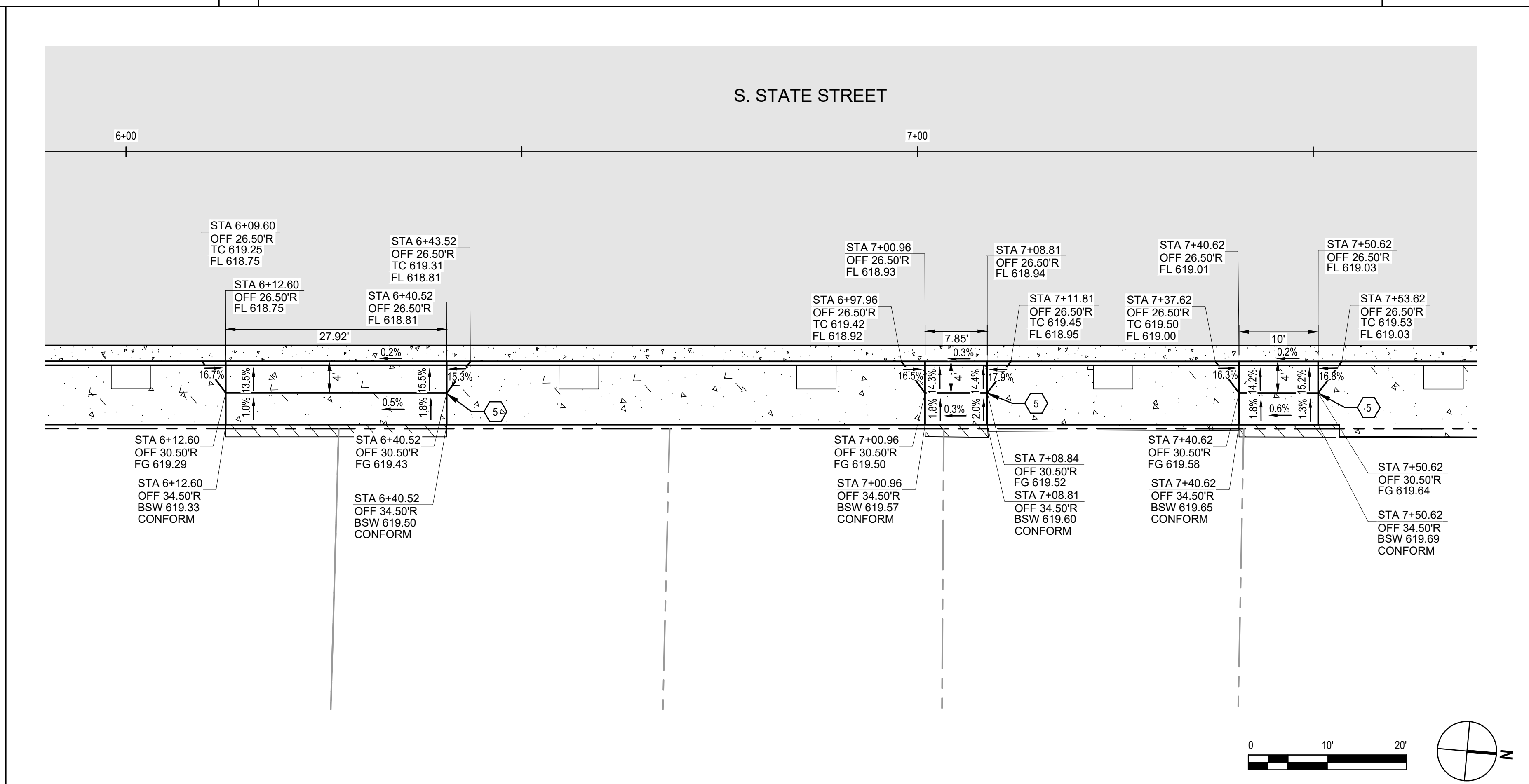
1 NW CORNER OF STATE STREET AND W. MILL STREET SCALE: 1" = 10'-0"



3 NE CORNER OF STATE STREET AND E. MILL STREET SCALE: 1" = 10'-0"



2 WEST SIDE OF STATE STREET AND NORTH OF W. MILL STREET SCALE: 1" = 10'-0"



4 EAST SIDE OF STATE STREET AND NORTH OF E. MILL STREET SCALE: 1" = 10'-0"

SHEET GENERAL NOTES

- SEE IMPROVEMENT PLAN FOR CONSTRUCTION LEGEND.
- SEE SHEETS C101-C108 FOR LINE AND CURVE TABLE.
- DRIVEWAYS SHALL BE CONSTRUCTED PER CALTRANS STANDARD A87A.
- ALL CURB RAMPS SHALL BE CONSTRUCTED PER CALTRANS STANDARD A88A AND A88B.

SHEET KEYNOTES

- INSTALL (N) CASE A CURB RAMP PER CALTRANS DETAIL A88A.
- INSTALL (N) CASE F CURB RAMP PER CALTRANS DETAIL A88A.
- INSTALL (N) CASE G CURB RAMP PER CALTRANS DETAIL A88A.
- INSTALL (N) CASE C CURB RAMP PER CALTRANS DETAIL A88B.
- INSTALL (N) DRIVEWAY PER CALTRANS DETAIL A87A.

GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95405
Tel: 707.527.8679
W: www.ghd.com

REGISTERED PROFESSIONAL ENGINEER
CIVIL
No. 00804
Exp. 03/21
STATE OF CALIF.

11/12/2019

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1" 1"

REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	11/12/2019			

CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT

CURB RAMPS AND DRIVEWAYS
ENLARGED PLANS - 1

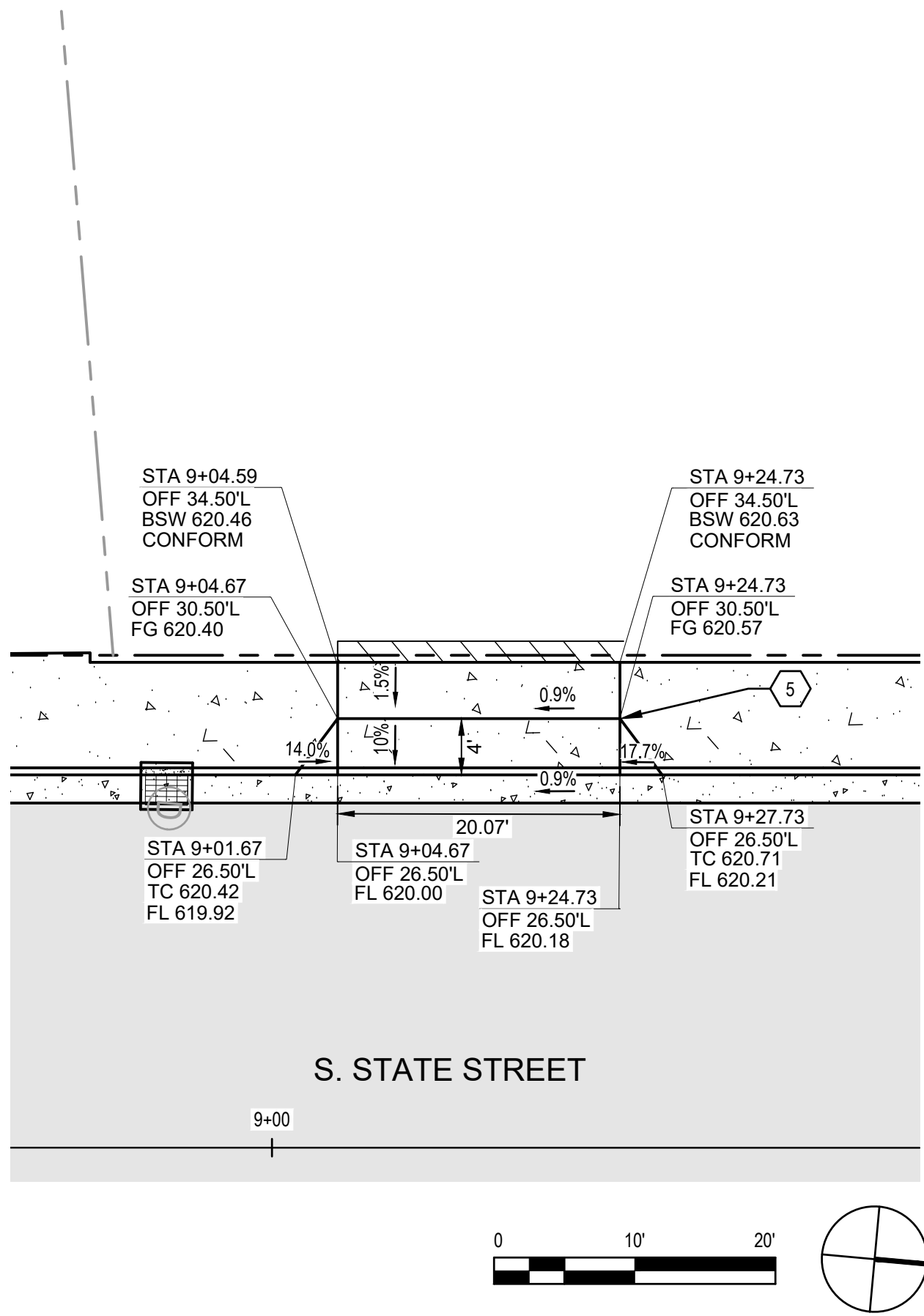
PROJ NO: 11191705

DRWN: EM CHKD: JS

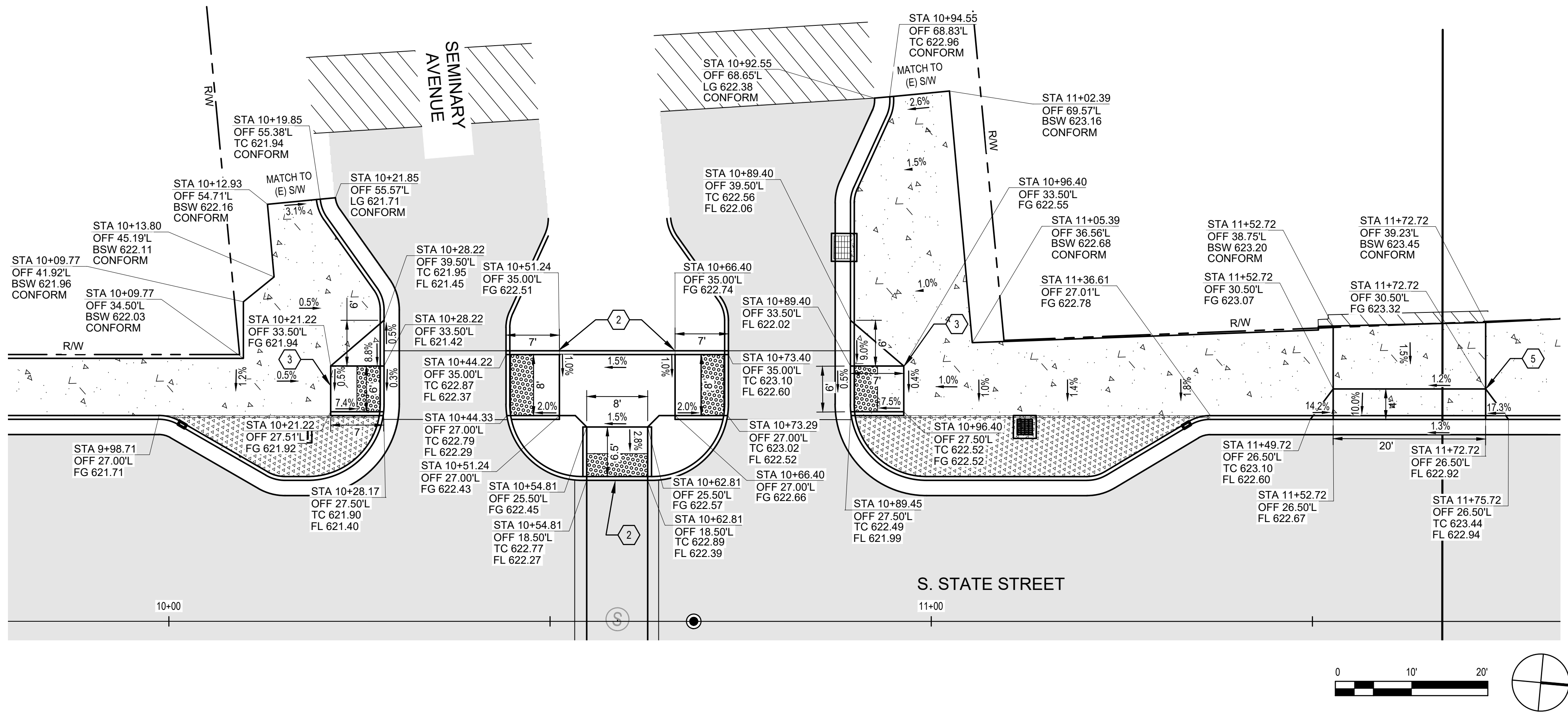
C-401

SHEET 45 OF 121

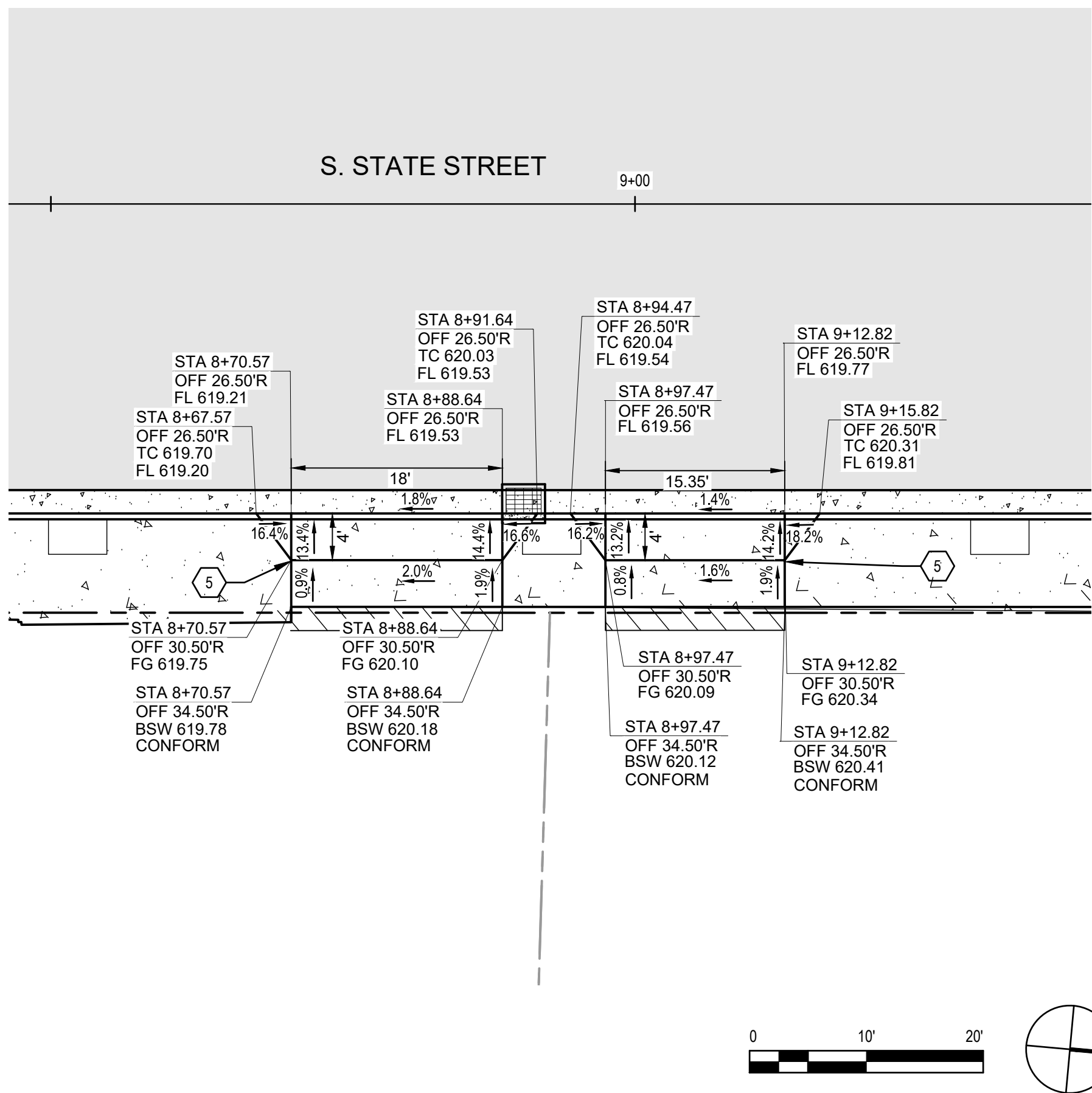
2019-11-11 3:24 PM KHARVEY
NAJUSANTA ROSA\PROJECTS\5611119\705\DIGITAL_DESIGN\ACAD 2018\SHEETS\CIVIL\1191705_C401.DWG



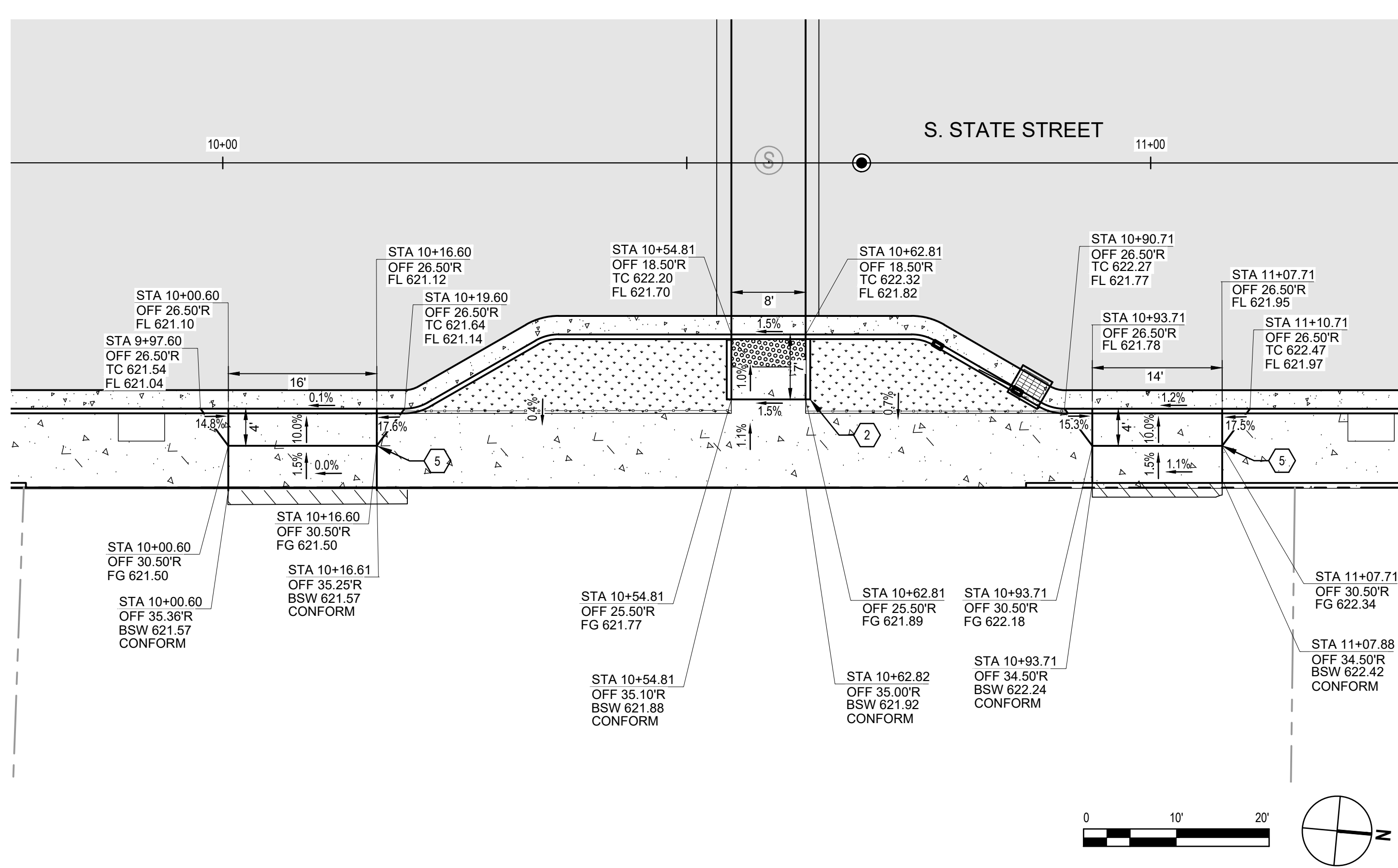
5 WEST SIDE OF STATE STREET AND SOUTH OF SEMINARY AVE SCALE: 1" = 10'-0"



6 SW AND NW CORNERS OF STATE STREET AND SEMINARY AVENUE SCALE: 1" = 10'-0"



7 EAST SIDE OF STATE STREET AND SOUTH OF SEMINARY AVENUE SCALE: 1" = 10'-0"



8 EAST SIDE OF STATE STREET AND SEMINARY AVENUE SCALE: 1" = 10'-0"

SHEET GENERAL NOTES

1. SEE IMPROVEMENT PLAN FOR CONSTRUCTION LEGEND.
2. SEE SHEETS C101-C108 FOR LINE AND CURVE TABLE.
3. DRIVEWAYS SHALL BE CONSTRUCTED PER CALTRANS STANDARD A87A.
4. ALL CURB RAMPS SHALL BE CONSTRUCTED PER CALTRANS STANDARD A88A AND A88B.

SHEET KEYNOTES

1. INSTALL (N) CASE A CURB RAMP PER CALTRANS DETAIL A88A.
2. INSTALL (N) CASE F CURB RAMP PER CALTRANS DETAIL A88A.
3. INSTALL (N) CASE G CURB RAMP PER CALTRANS DETAIL A88A.
4. INSTALL (N) CASE C CURB RAMP PER CALTRANS DETAIL A88A.
5. INSTALL (N) DRIVEWAY PER CALTRANS DETAIL A87A.

CITY OF UKIAH DOWNTOWN STREETSCAPE AND ROAD DIET PROJECT CURB RAMPS AND DRIVEWAYS ENLARGED PLANS - 2

PROJ NO: 11191705
DRWN: EM CHKD: JS

C-402

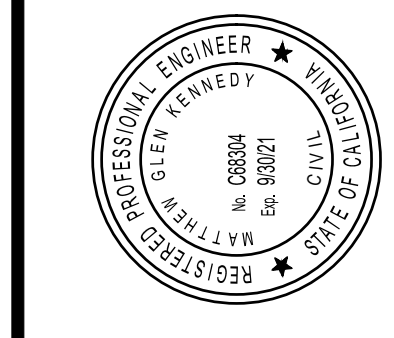
SHEET 46 OF 121

BAR IS ONE INCH ON
ORIGINAL DRAWING

0 1" 0

REUSE OF DOCUMENTS

This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

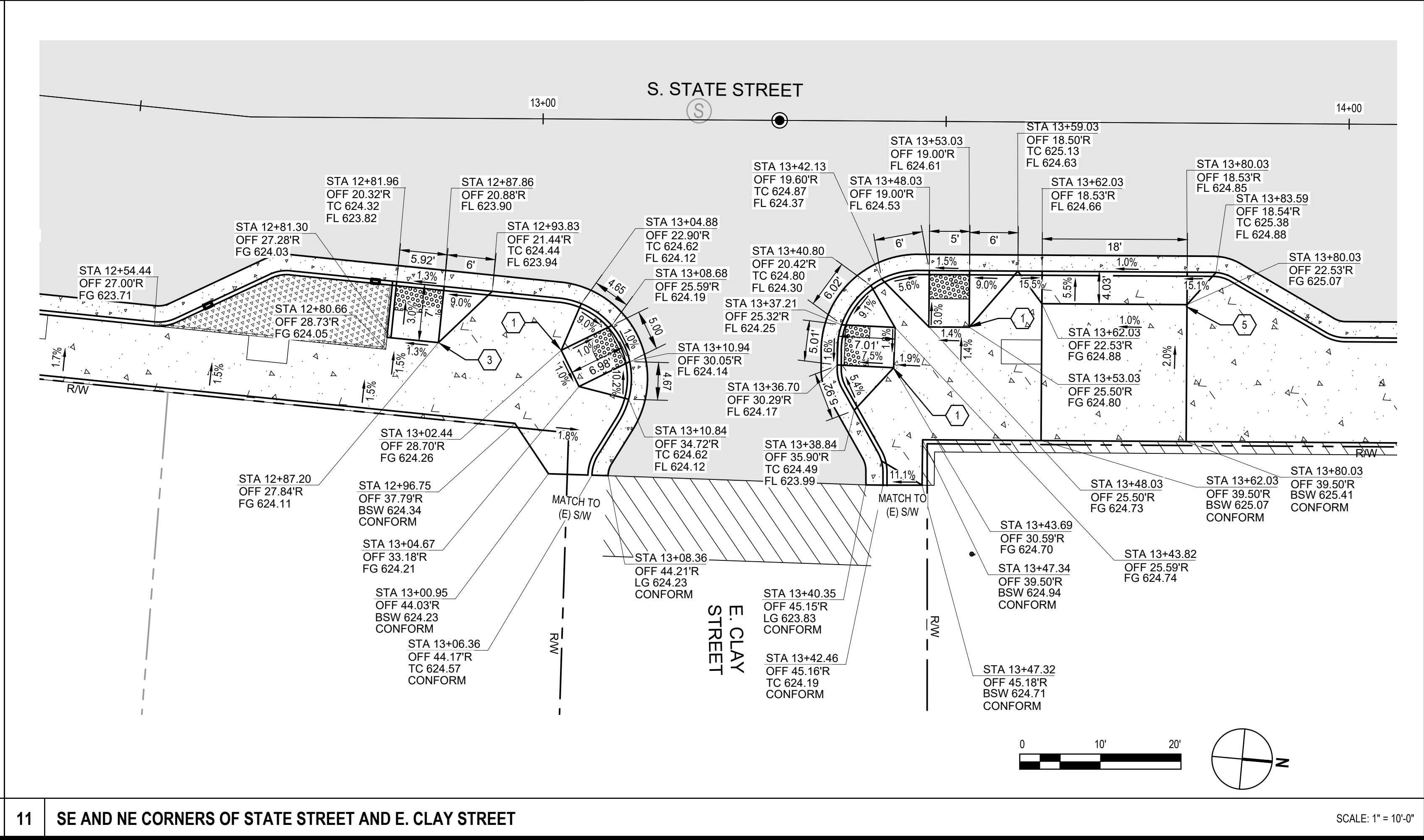
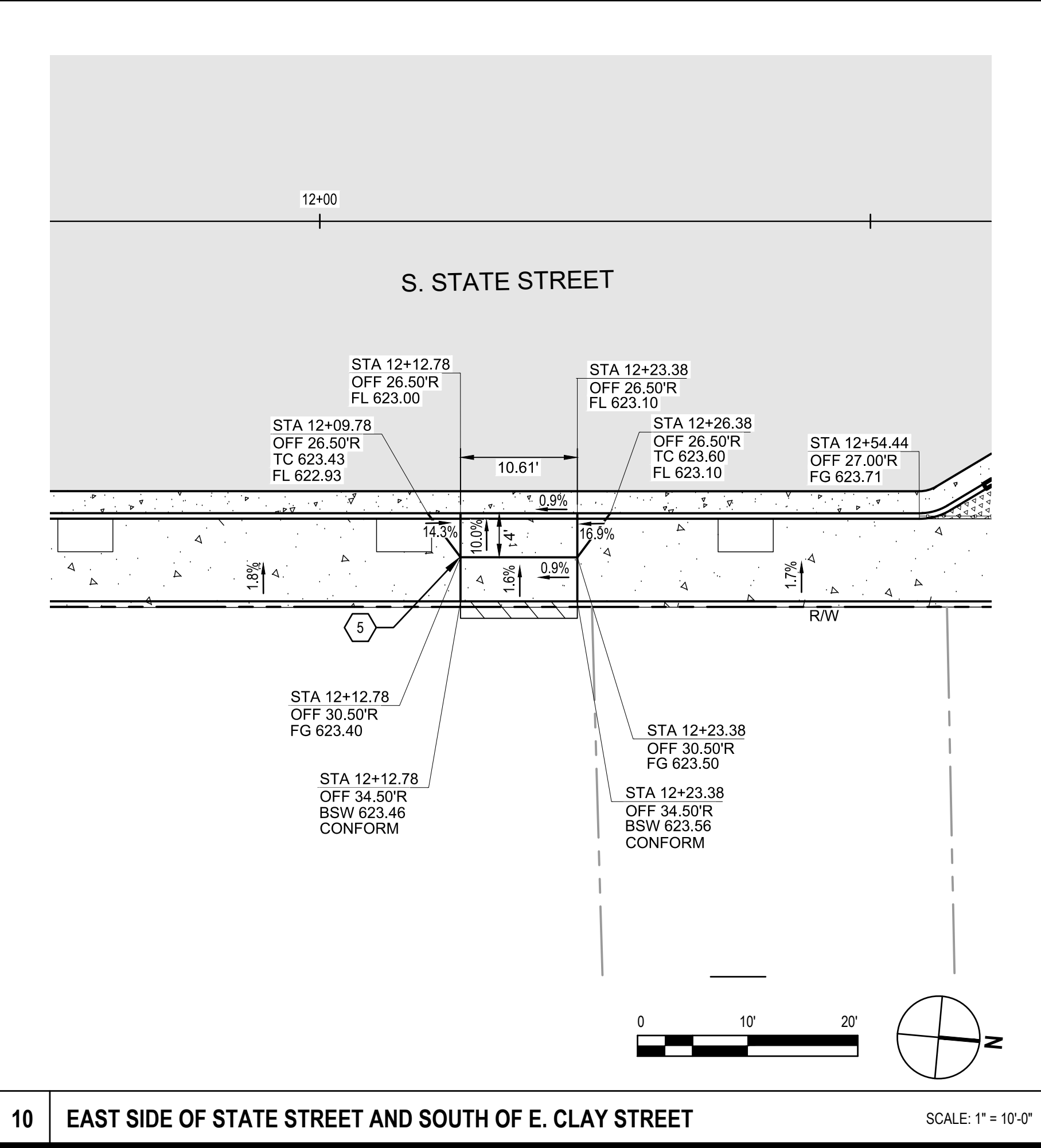
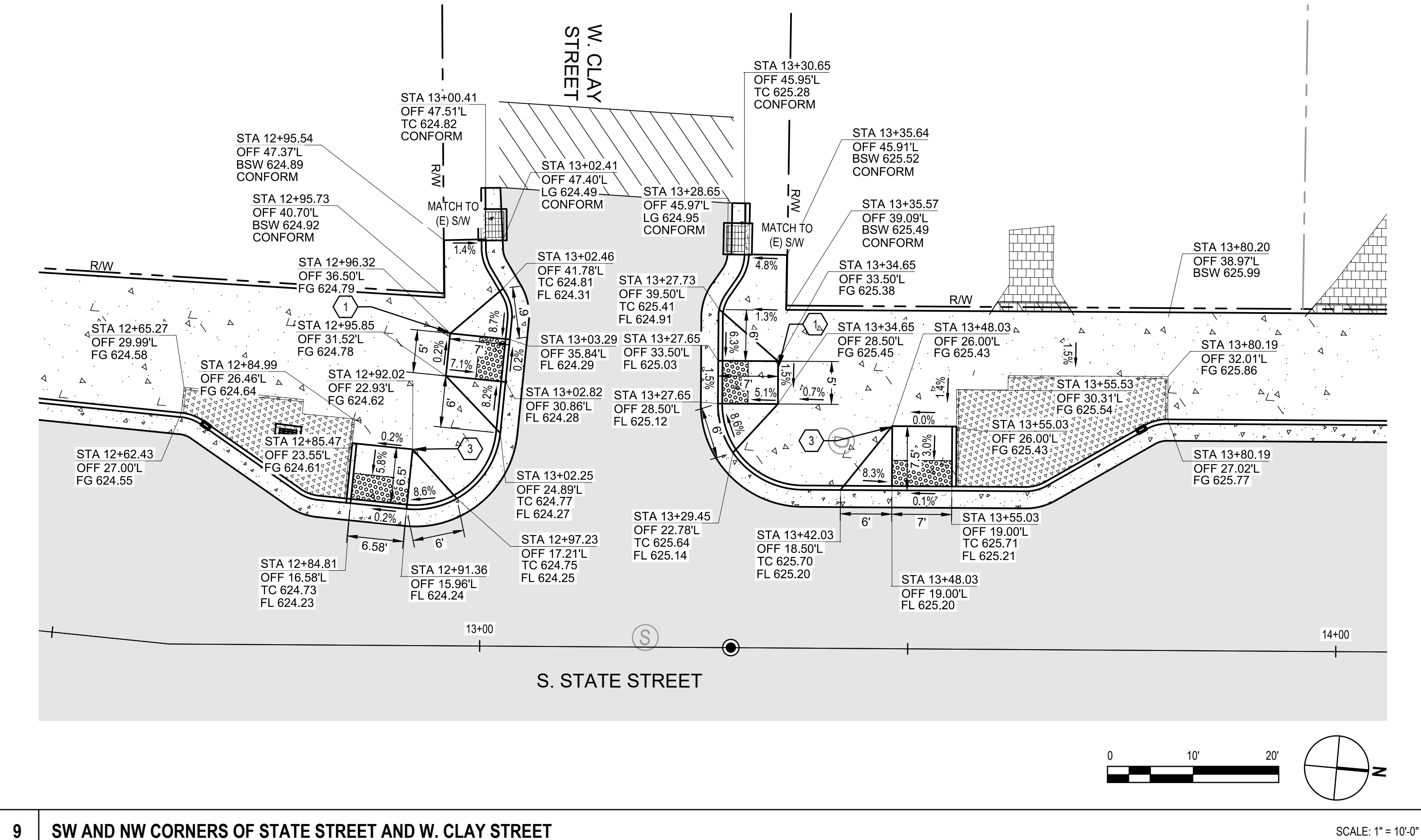


GHD Inc.
2235 Mercury Way, Suite 150
Santa Clara, California 95050 USA
Tel: 408.551.0100 Fax: 408.552.78679
W: www.ghd.com

11/12/2019

MARK	DATE	DESCRIPTION	ISSUE

2019-11-11 3:24 PM KHARVEY
NAJUSANTA ROSA PROJECTS\5611191705\DIGITAL_DESIGN\ACAD 2018\SHEETS\CIVIL\1191705_C-401.DWG

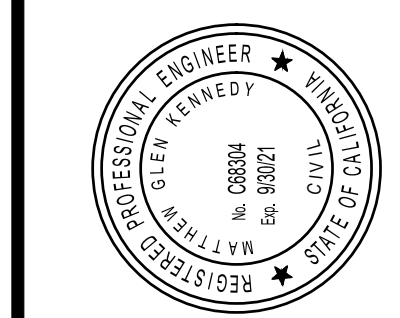
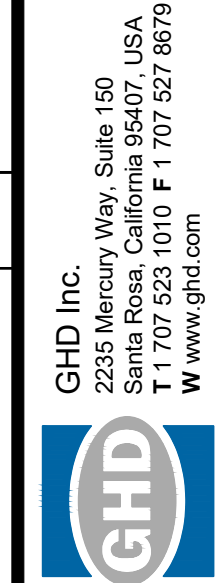


SHEET GENERAL NOTES

- SEE IMPROVEMENT PLAN FOR CONSTRUCTION LEGEND.
- SEE SHEETS C101-C108 FOR LINE AND CURVE TABLE.
- DRIVEWAYS SHALL BE CONSTRUCTED PER CALTRANS STANDARD A87A.
- ALL CURB RAMPS SHALL BE CONSTRUCTED PER CALTRANS STANDARD A88A AND A88B.

SHEET KEYNOTES

- INSTALL (N) CASE A CURB RAMP PER CALTRANS DETAIL A88A.
- INSTALL (N) CASE F CURB RAMP PER CALTRANS DETAIL A88A.
- INSTALL (N) CASE G CURB RAMP PER CALTRANS DETAIL A88A.
- INSTALL (N) CASE C CURB RAMP PER CALTRANS DETAIL A88A.
- INSTALL (N) DRIVEWAY PER CALTRANS DETAIL A87A.



BAR IS ONE INCH ON ORIGINAL DRAWING
1"
0

REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	11/12/2019			

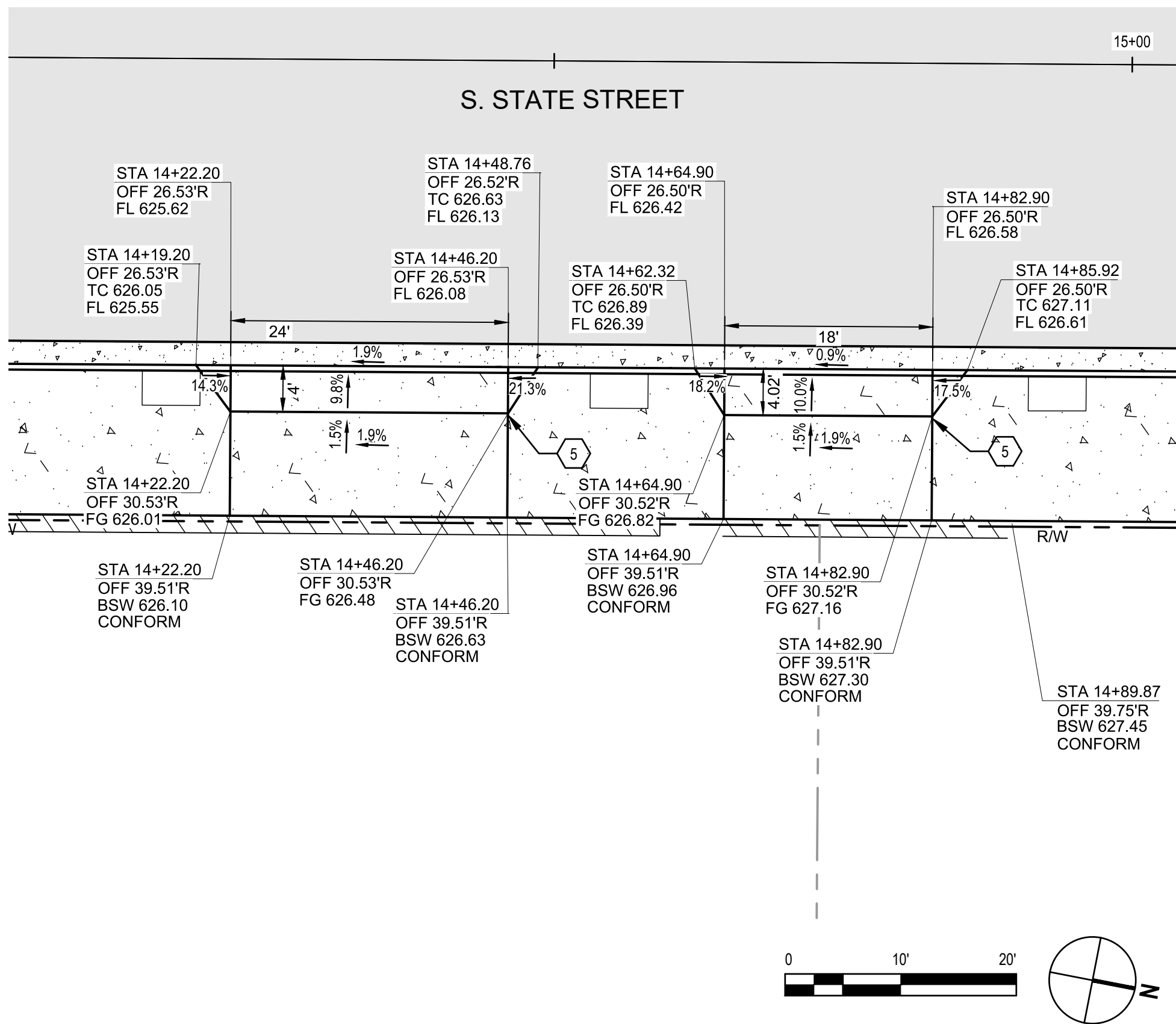
CITY OF UKIAH DOWNTOWN STREETSCAPE AND ROAD DIET PROJECT CURB RAMPS AND DRIVEWAYS ENLARGED PLANS - 3

PROJ NO: 11191705
DRWN: EM CHKD: JS

C-403

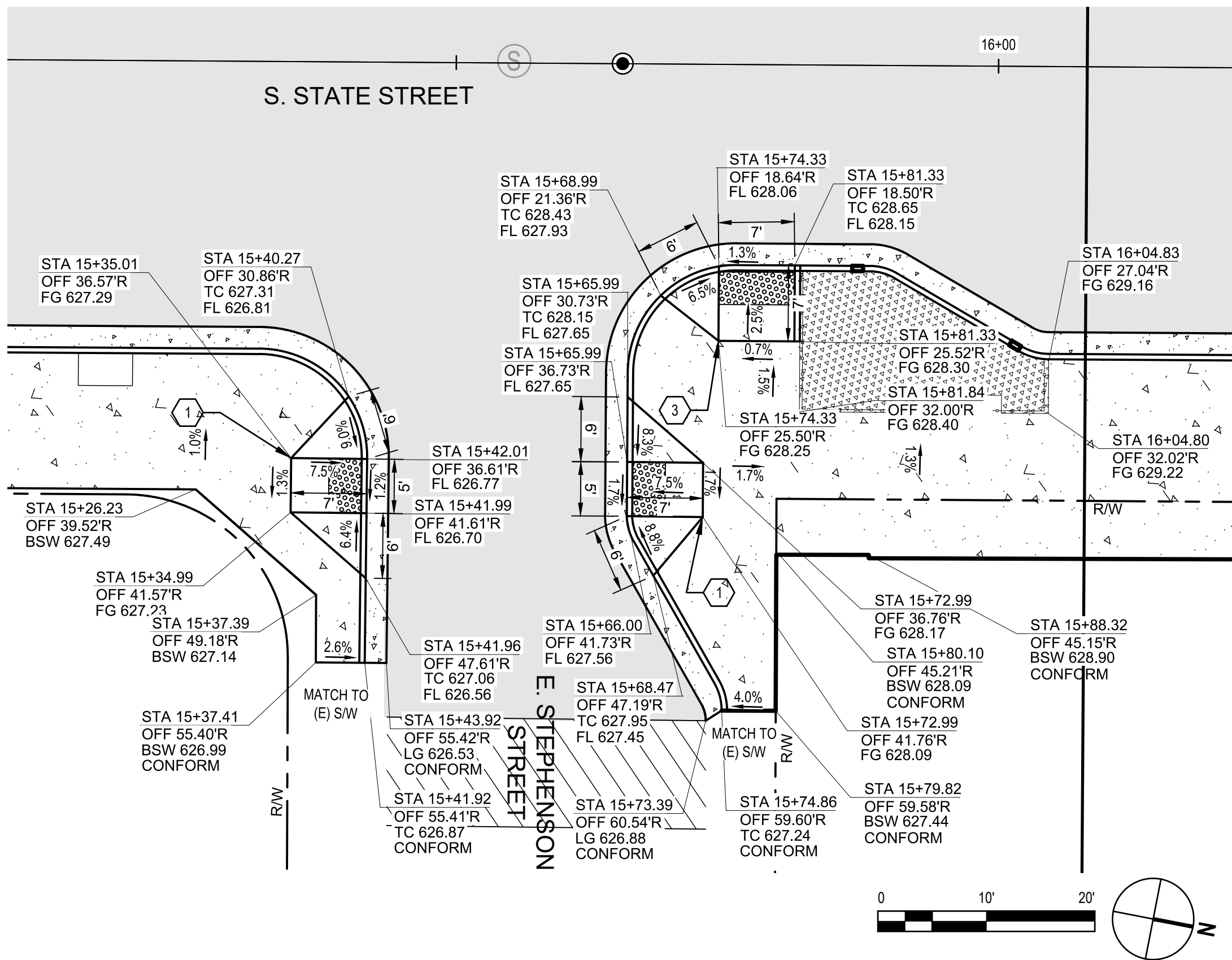
SHEET 47 OF 121

2019-11-11 3:25 PM KHARVEY
NAJUSANTA ROSA PROJECTS\5611191705\DIGITAL_DESIGN\ACAD 2018\SHEETS\CIVIL\1191705_C401.DWG



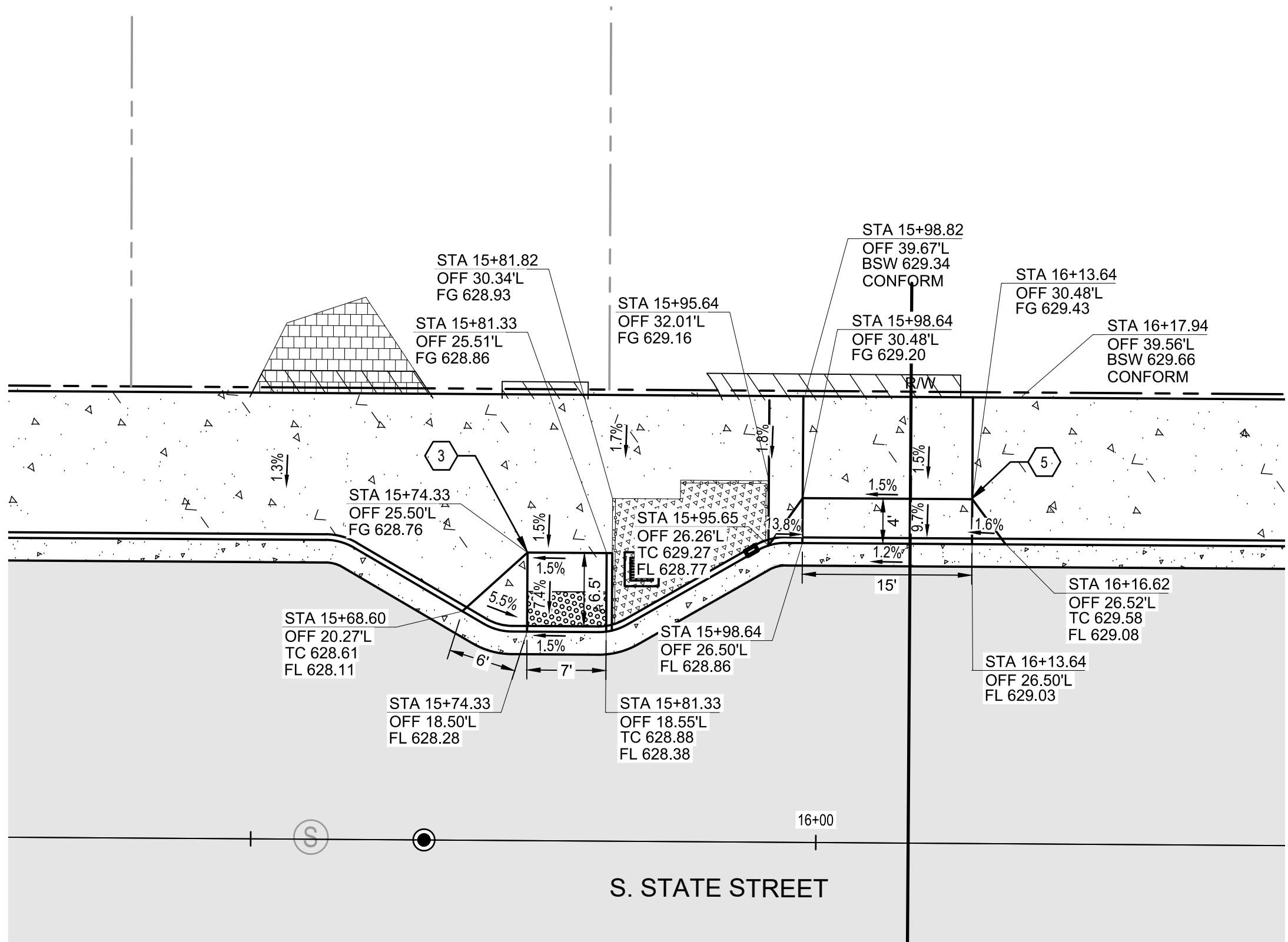
13 EAST SIDE OF STATE STREET AND SOUTH OF E. STEPHENSON STREET

SCALE: 1" = 10'-0"



14 SE AND NE CORNERS OF STATE STREET AND E. STEPHENSON STREET

SCALE: 1" = 10'-0"



12 WEST SIDE OF STATE STREET AND SOUTH OF E. CHURCH STREET

SCALE: 1" = 10'-0"

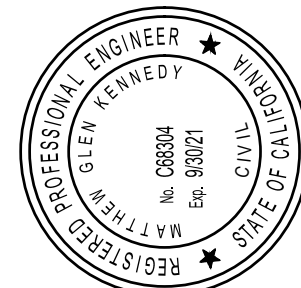
SHEET GENERAL NOTES

1. SEE IMPROVEMENT PLAN FOR CONSTRUCTION LEGEND.
2. SEE SHEETS C101-C108 FOR LINE AND CURVE TABLE.
3. DRIVEWAYS SHALL BE CONSTRUCTED PER CALTRANS STANDARD A87A.
4. ALL CURB RAMPS SHALL BE CONSTRUCTED PER CALTRANS STANDARD A88A AND A88B.

SHEET KEYNOTES

1. INSTALL (N) CASE A CURB RAMP PER CALTRANS DETAIL A88A.
2. INSTALL (N) CASE F CURB RAMP PER CALTRANS DETAIL A88A.
3. INSTALL (N) CASE G CURB RAMP PER CALTRANS DETAIL A88A.
4. INSTALL (N) CASE C CURB RAMP PER CALTRANS DETAIL A88A.
5. INSTALL (N) DRIVEWAY PER CALTRANS DETAIL A87A.

GHD Inc.
2235 Mercury Way, Suite 150
Santa Clara, CA 95050, USA
Tel: 408.551.0100 F: 408.527.8879
W: www.ghd.com



11/12/2019

BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"

REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	11/12/2019			

CITY OF UKIAH DOWNTOWN STREETSCAPE AND ROAD DIET PROJECT CURB RAMPS AND DRIVEWAYS ENLARGED PLANS - 4

PROJ NO: 11191705

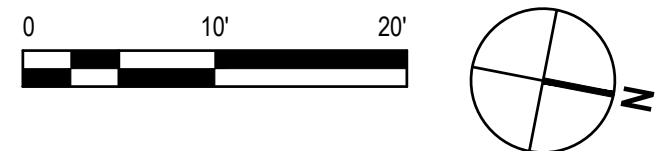
DRWN: EM CHKD: JS

C-404

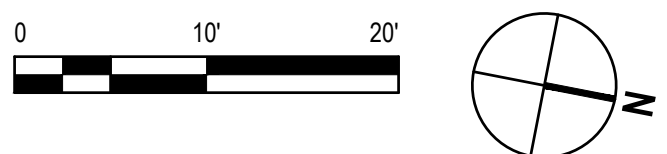
SHEET 48 OF 121



SCALE: 1" = 10'-0"

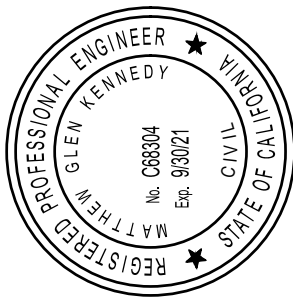


SCALE: 1" = 10'-0"



SCALE: 1" = 10'-0"

1. INSTALL (N) CASE A CURB
RAMP PER CALTRANS
DETAIL A88A.
2. INSTALL (N) CASE F CURB
RAMP PER CALTRANS
DETAIL A88A.
3. INSTALL (N) CASE G CURB
RAMP PER CALTRANS
DETAIL A88A.
4. INSTALL (N) CASE C CURB
RAMP PER CALTRANS
DETAIL A88A.
5. INSTALL (N) DRIVEWAY PER
CALTRANS DETAIL A87A.



REUSE OF DOCUMENTS

This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.

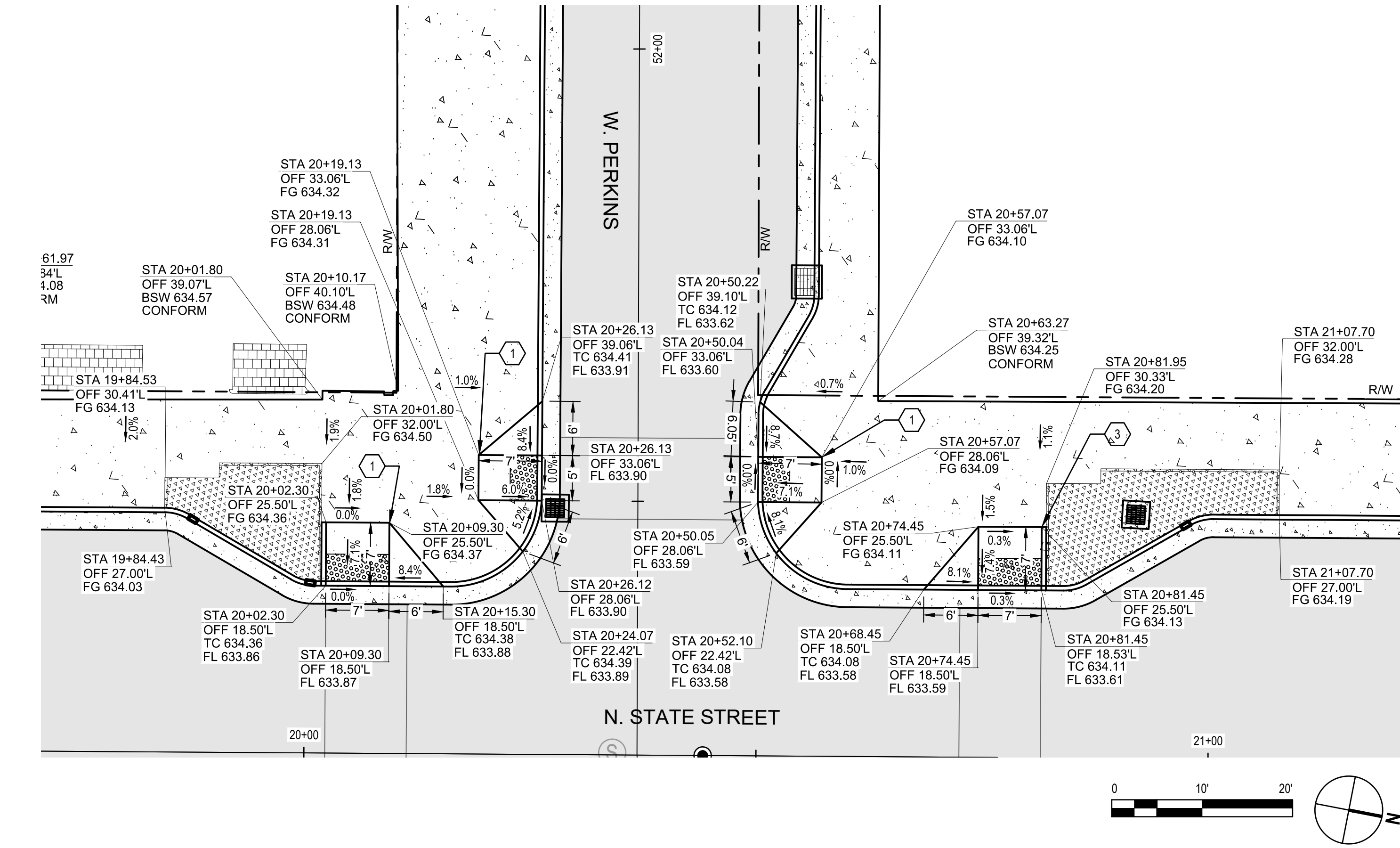
[illegible]

**CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
CURB RAMPS AND DRIVEWAYS
ENLARGED PLANS - 5**

C-405

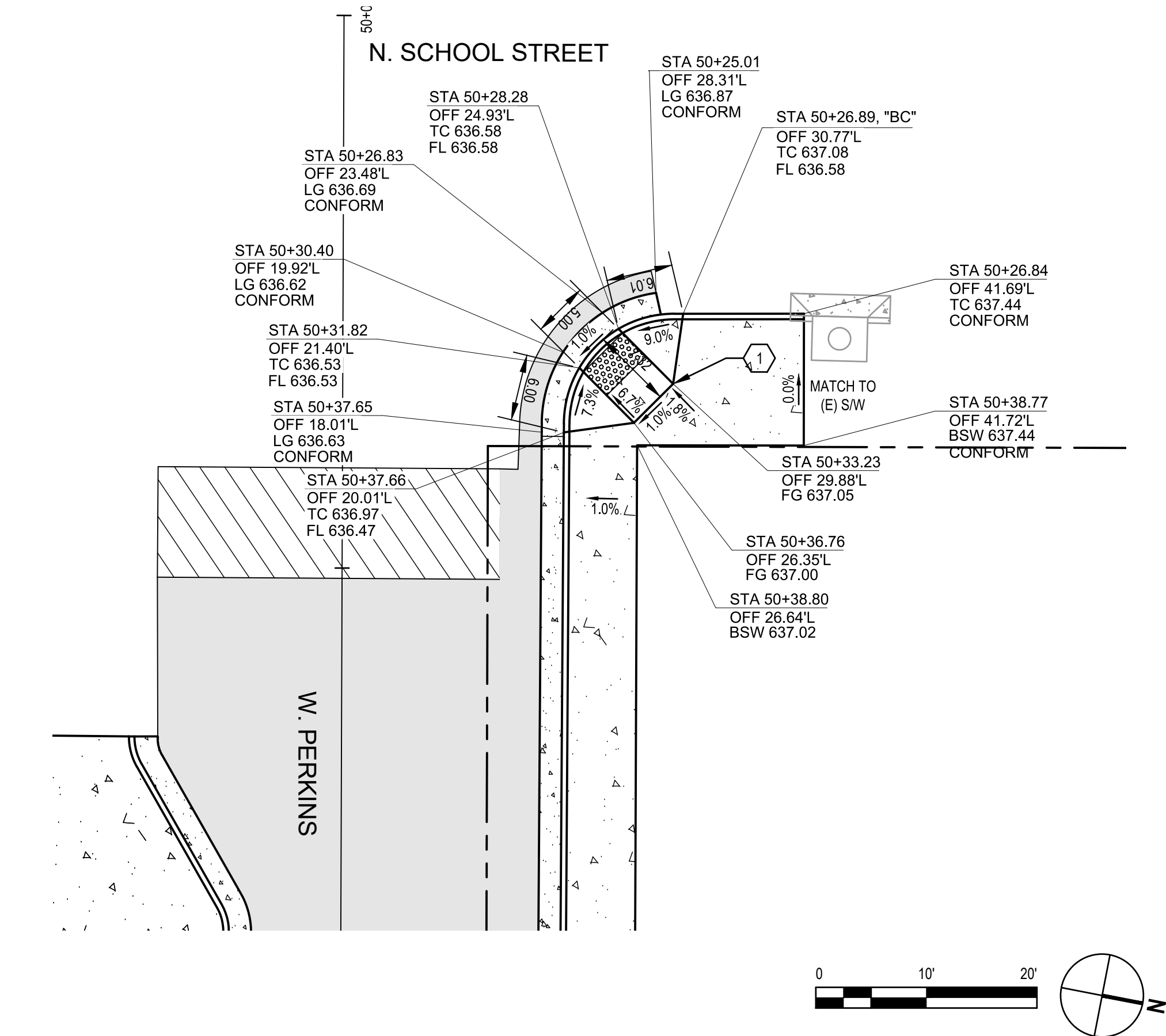
SHEET 49 OF 121

2019-11-11 3:26 PM KHARVEY
NAJUSANTA ROSA\PROJECTS\581119\705\DIGITAL_DESIGN\CAD 2018\SHEETS\CIVIL\1191705_C401.DWG



18 SW AND NW CORNERS OF STATE STREET AND W. PERKINS STREET

SCALE: 1" = 10'-0"



19 NW CORNER OF W. PERKINS STREET AND N. SCHOOL STREET

SCALE: 1" = 10'-0"

SHEET GENERAL NOTES

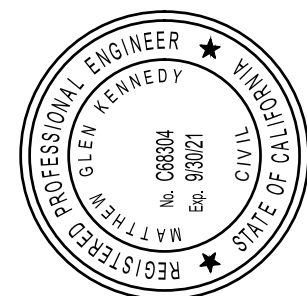
1. SEE IMPROVEMENT PLAN FOR CONSTRUCTION LEGEND.
2. SEE SHEETS C101-C108 FOR LINE AND CURVE TABLE.
3. DRIVEWAYS SHALL BE CONSTRUCTED PER CALTRANS STANDARD A87A.
4. ALL CURB RAMPS SHALL BE CONSTRUCTED PER CALTRANS STANDARD A88A AND A88B.

SHEET KEYNOTES

1. INSTALL (N) CASE A CURB RAMP PER CALTRANS DETAIL A88A.
2. INSTALL (N) CASE F CURB RAMP PER CALTRANS DETAIL A88A.
3. INSTALL (N) CASE G CURB RAMP PER CALTRANS DETAIL A88A.
4. INSTALL (N) CASE C CURB RAMP PER CALTRANS DETAIL A88A.
5. INSTALL (N) DRIVEWAY PER CALTRANS DETAIL A87A.

GHD Inc.

2235 Mercury Way, Suite 150
Santa Clara, CA 95050 USA
Tel: 408.551.0100 F: 408.527.8879
W: www.ghd.com



BAR IS ONE INCH ON
ORIGINAL DRAWING

1"

REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	11/12/2019			

CITY OF UKIAH DOWNTOWN STREETSCAPE AND ROAD DIET PROJECT CURB RAMPS AND DRIVEWAYS ENLARGED PLANS - 6

PROJ NO: 11191705

DRWN: EM CHKD: JS

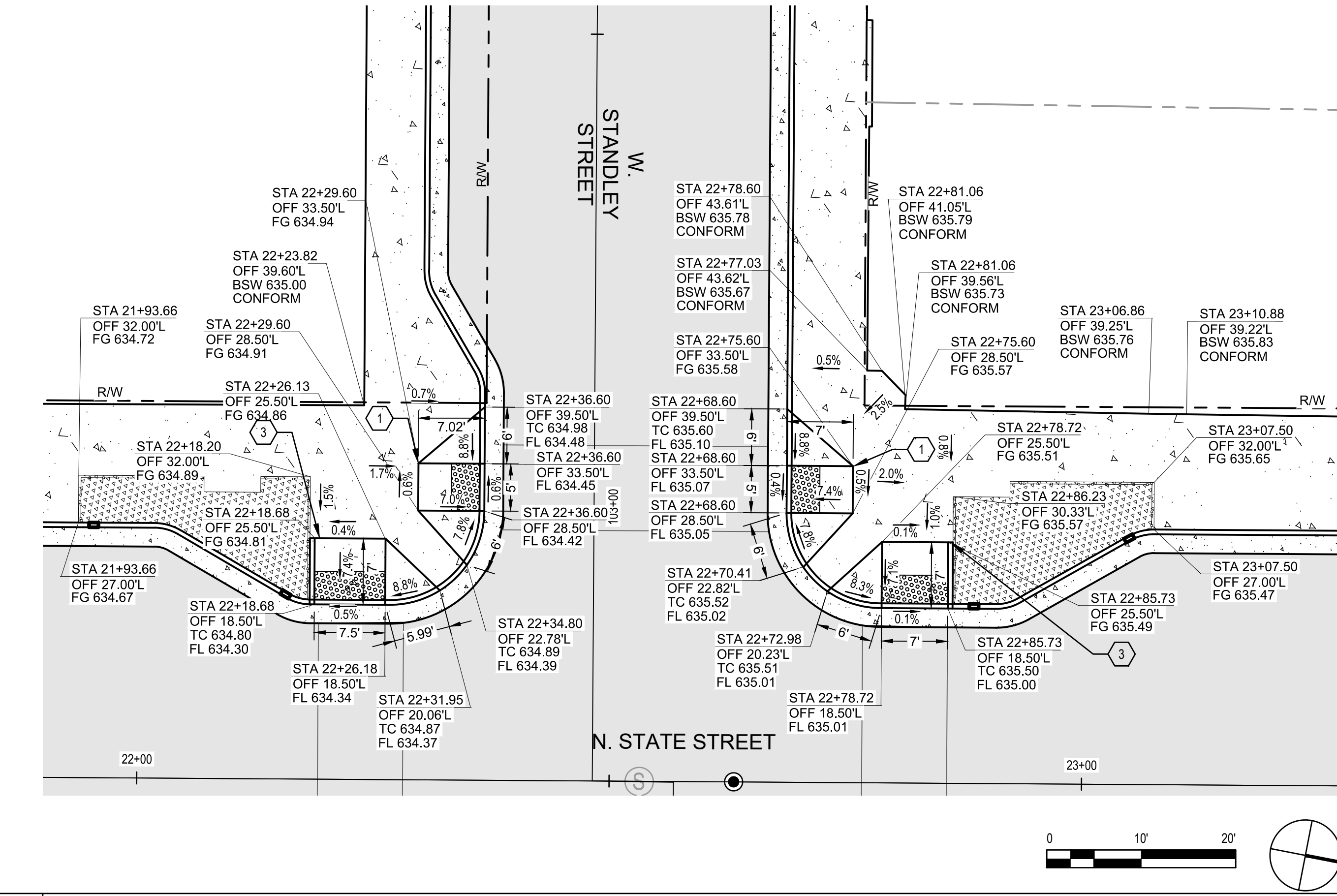
C-406

SHEET 50 OF 121

20 SE AND NE CORNERS OF STATE STREET AND W. PERKINS STREET

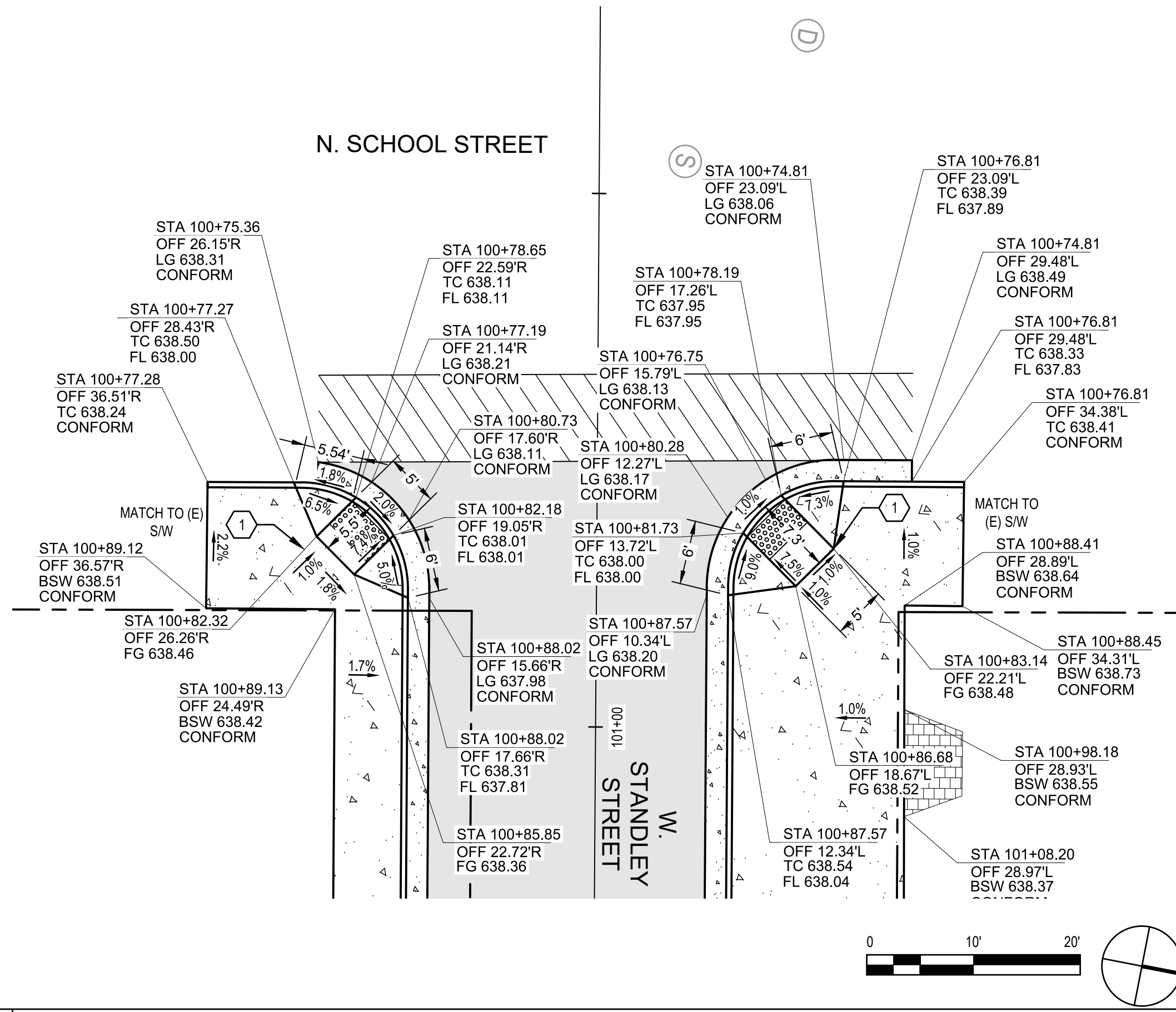
SCALE: 1" = 10'-0"

2019-11-11 3:26 PM KHARVEY
NAJUSANTA ROSA PROJECTS\56111191705\DIGITAL_DESIGN\CAD 2018\1191705_C401.DWG



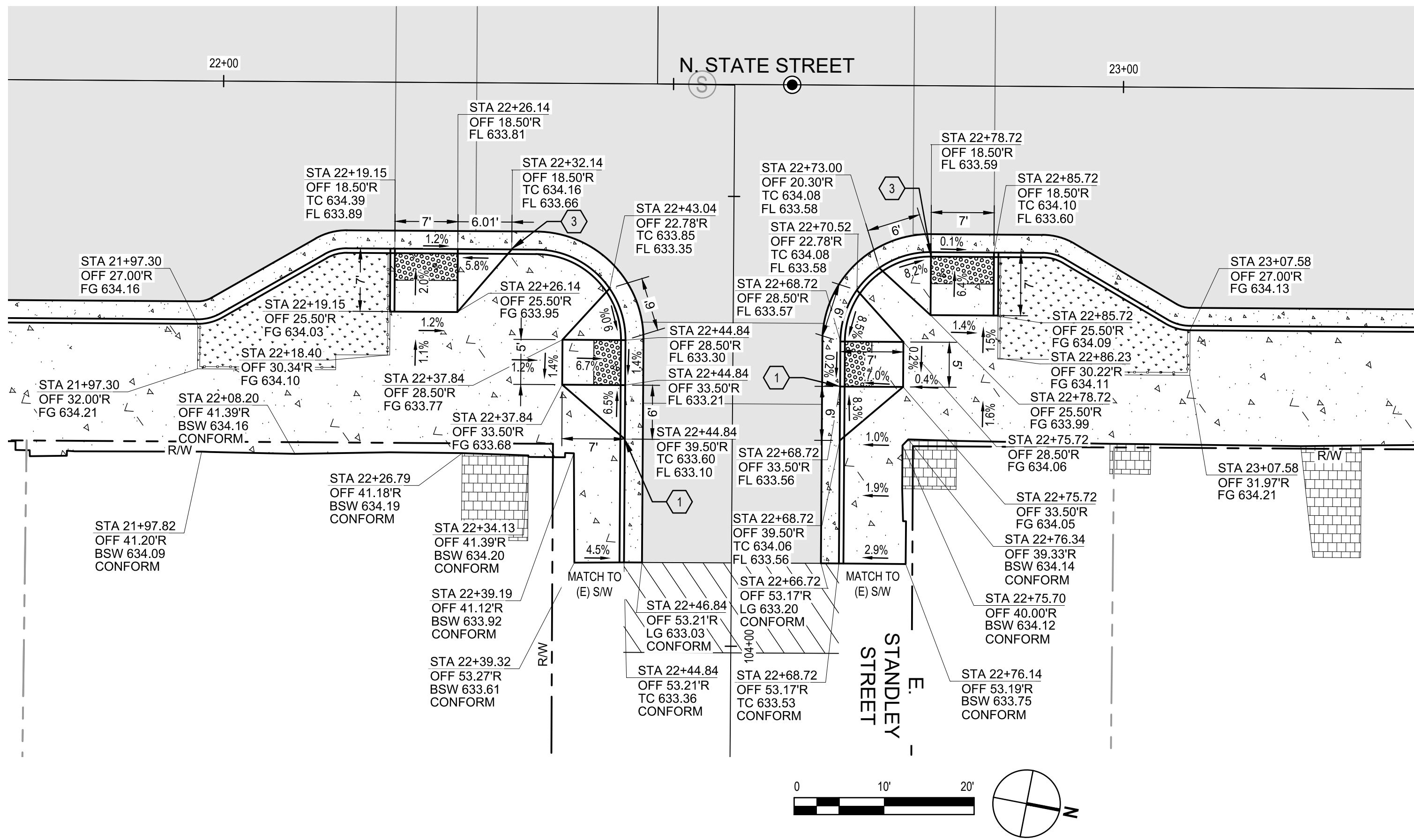
21 SW AND NW CORNERS OF STATE STREET AND W. STANDLEY STREET

SCALE: 1" = 10'-0"



22 SE AND NE CORNER OF W. STANDLEY STREET AND N. SCHOOL STREET

SCALE: 1" = 10'-0"



23 SE AND NE CORNERS OF STATE STREET AND E. STANDLEY STREET

SCALE: 1" = 10'-0"

SHEET GENERAL NOTES

- SEE IMPROVEMENT PLAN FOR CONSTRUCTION LEGEND.
- SEE SHEETS C101-C108 FOR LINE AND CURVE TABLE.
- DRIVEWAYS SHALL BE CONSTRUCTED PER CALTRANS STANDARD A87A.
- ALL CURB RAMPS SHALL BE CONSTRUCTED PER CALTRANS STANDARD A88A AND A88B.

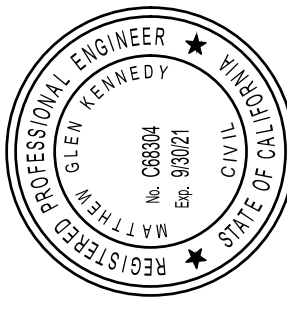
SHEET KEYNOTES

- INSTALL (N) CASE A CURB RAMP PER CALTRANS DETAIL A88A.
- INSTALL (N) CASE F CURB RAMP PER CALTRANS DETAIL A88A.
- INSTALL (N) CASE G CURB RAMP PER CALTRANS DETAIL A88A.
- INSTALL (N) CASE C CURB RAMP PER CALTRANS DETAIL A88A.
- INSTALL (N) DRIVEWAY PER CALTRANS DETAIL A87A.

GHD Inc.



2235 Mercury Way, Suite 150
Santa Clara, California 95050 USA
Tel: 408.551.0100 F: 408.527.8679
W: www.ghd.com



BAR IS ONE INCH ON ORIGINAL DRAWING

REUSE OF DOCUMENTS

This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE

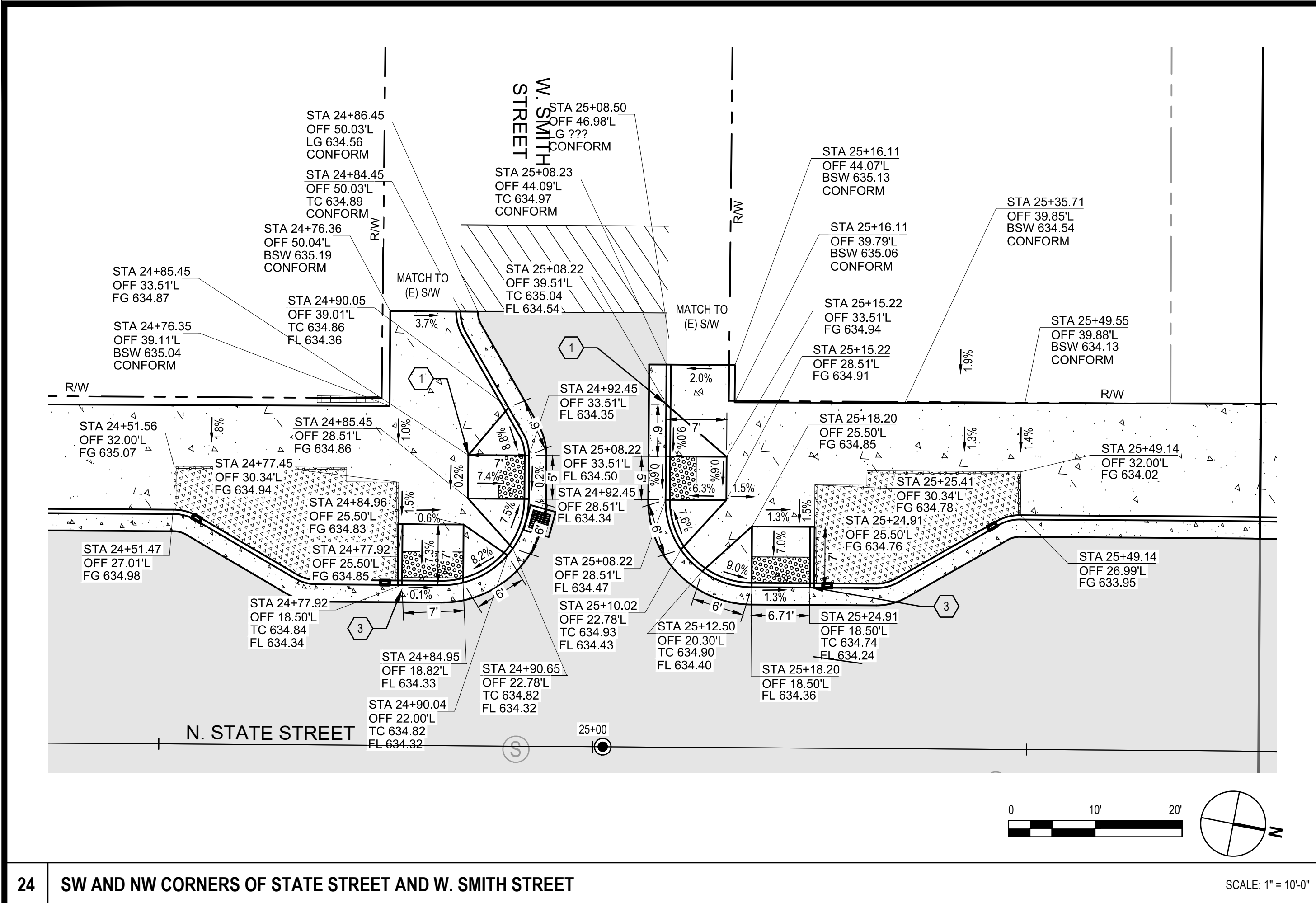
CITY OF UKIAH DOWNTOWN STREETSCAPE AND ROAD DIET PROJECT CURB RAMPS AND DRIVEWAYS ENLARGED PLANS - 7

PROJ NO: 11191705
DRWN: EM CHKD: JS

C-407

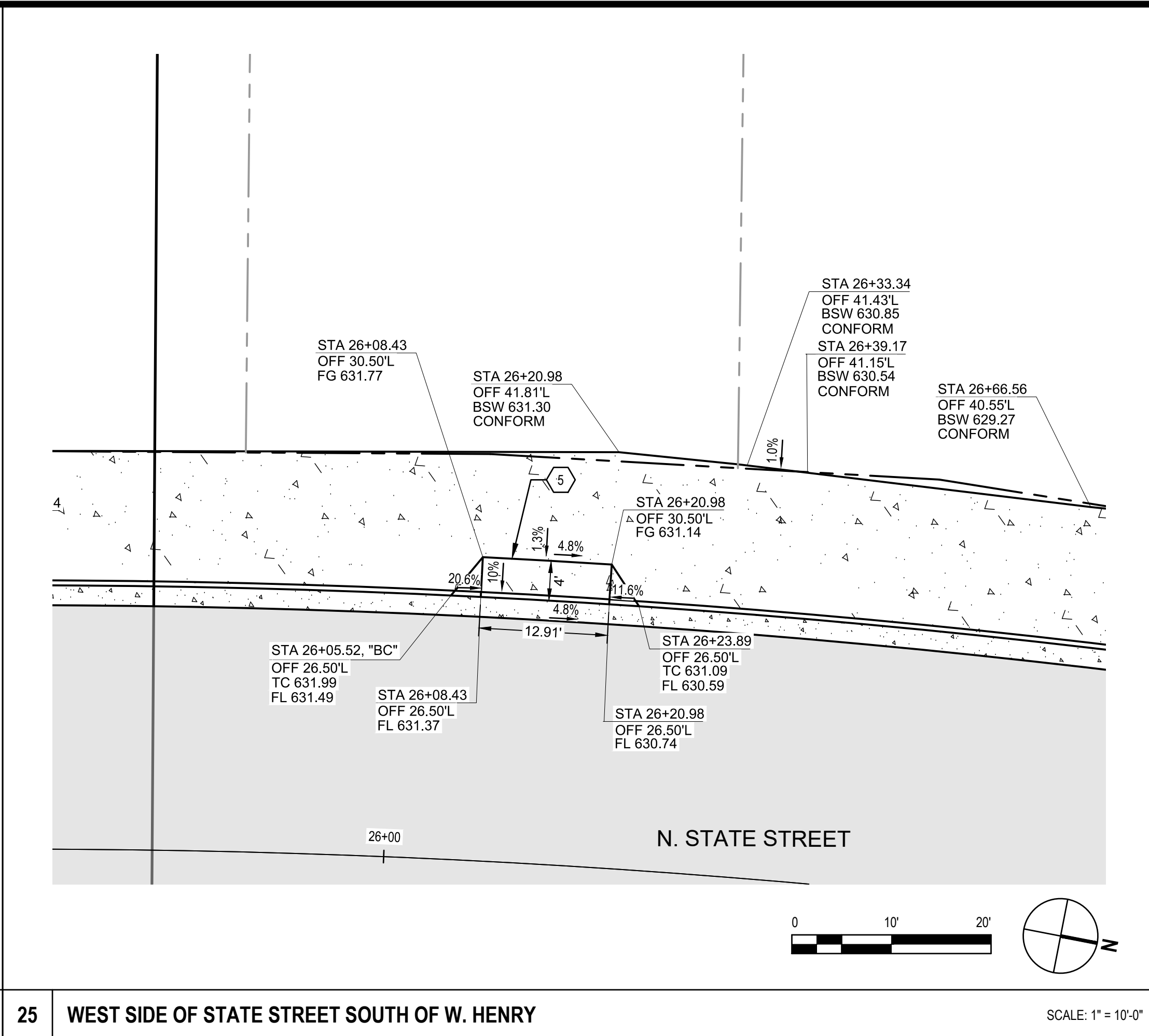
SHEET 51 OF 121

2019-11-11 3:27 PM KHARVEY
NAJSSANTA ROSA PROJECTS\56111191705\DIGITAL_DESIGN\ACAD 2018\SHEETS\CIVIL\1191705_C401.DWG



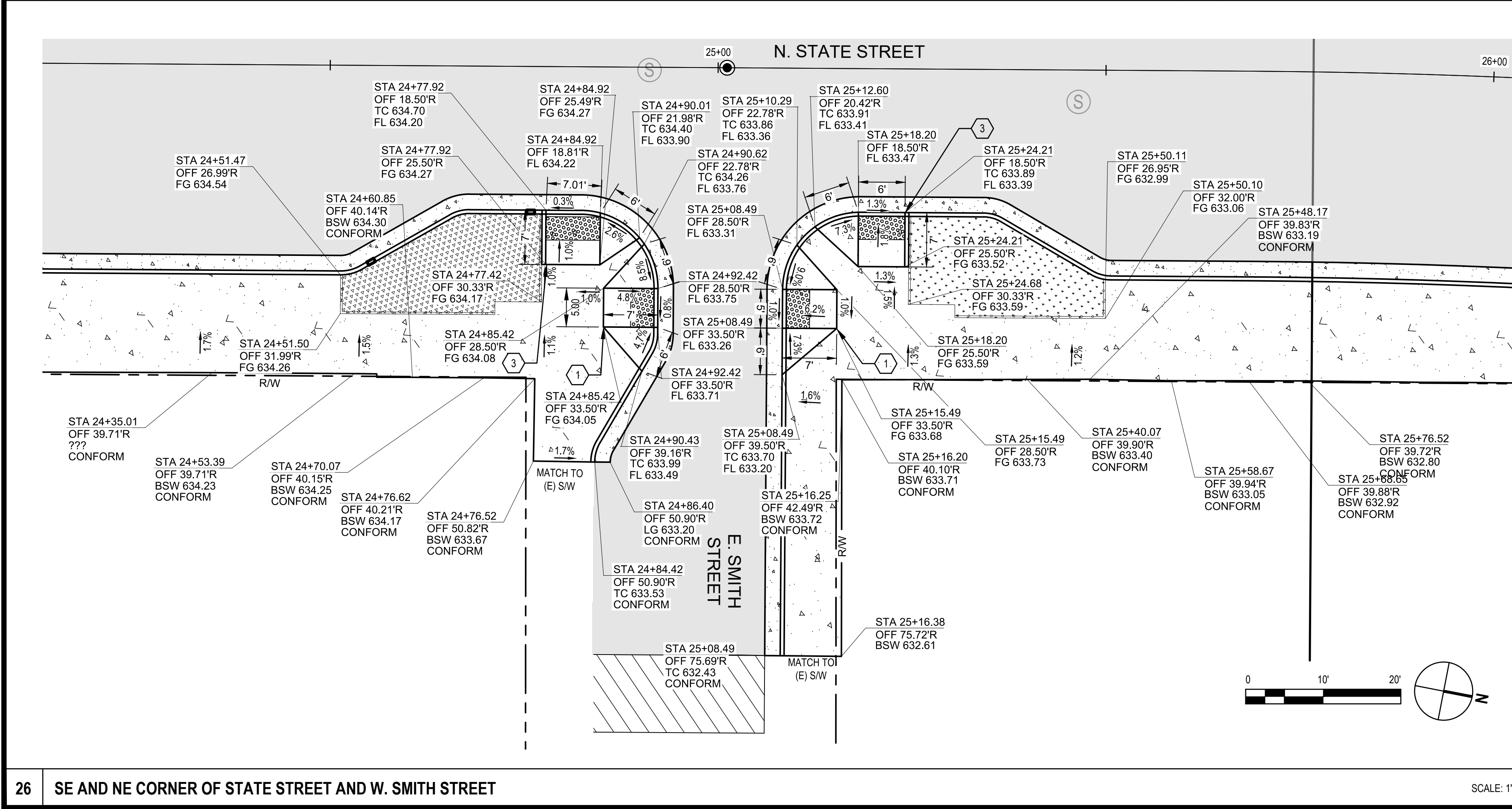
24 SW AND NW CORNERS OF STATE STREET AND W. SMITH STREET

SCALE: 1" = 10'-0"



25 WEST SIDE OF STATE STREET SOUTH OF W. HENRY

SCALE: 1" = 10'-0"



26 SE AND NE CORNER OF STATE STREET AND W. SMITH STREET

SCALE: 1" = 10'-0"

SHEET GENERAL NOTES

1. SEE IMPROVEMENT PLAN FOR CONSTRUCTION LEGEND.
2. SEE SHEETS C101-C108 FOR LINE AND CURVE TABLE.
3. DRIVEWAYS SHALL BE CONSTRUCTED PER CALTRANS STANDARD A87A.
4. ALL CURB RAMPS SHALL BE CONSTRUCTED PER CALTRANS STANDARD A88A AND A88B.

SHEET KEYNOTES

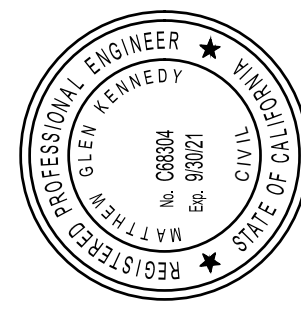
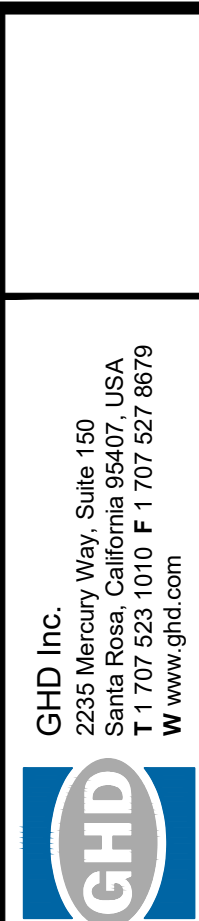
1. INSTALL (N) CASE A CURB RAMP PER CALTRANS DETAIL A88A.
2. INSTALL (N) CASE F CURB RAMP PER CALTRANS DETAIL A88A.
3. INSTALL (N) CASE G CURB RAMP PER CALTRANS DETAIL A88A.
4. INSTALL (N) CASE C CURB RAMP PER CALTRANS DETAIL A88A.
5. INSTALL (N) DRIVEWAY PER CALTRANS DETAIL A87A.

CITY OF UKIAH DOWNTOWN STREETSCAPE AND ROAD DIET PROJECT CURB RAMPS AND DRIVEWAYS ENLARGED PLANS - 8

PROJ NO: 11191705
DRWN: EM CHKD: JS

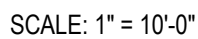
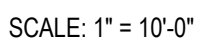
C-408

SHEET 52 OF 121

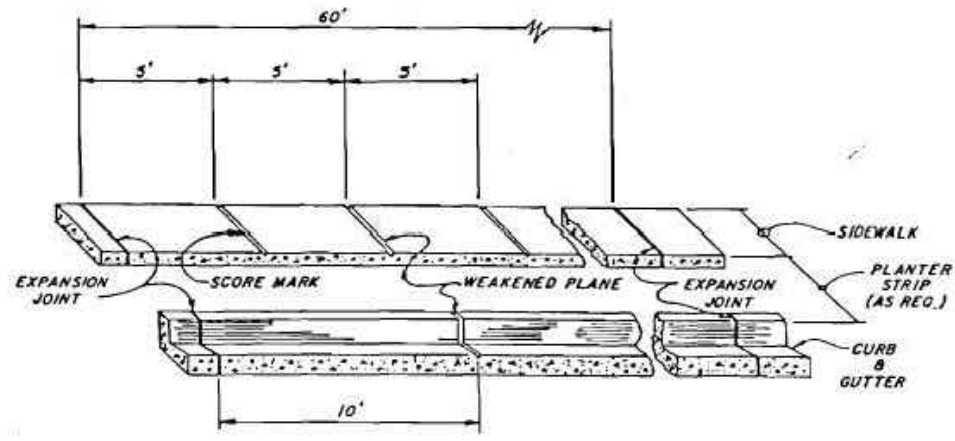


REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

11/12/2019



SHEET 53 OF 121



NOTES (See STD. DRG. NO. 102)

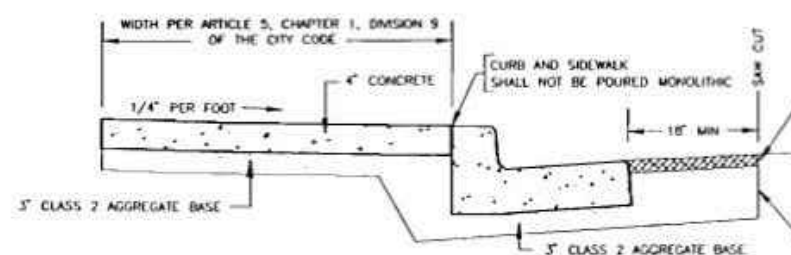
1. Weakened Plane - 1/8" Wide x 1" Deep in sidewalk, 1/8" Wide x 1-1/2" Deep in curb and gutter. (10' on center)
2. Expansion Joints - Material to be 1/2" thick premolded joint filler, full thickness of concrete. Approved mechanical joints may be used in water in lieu of expansion joints. Expansion joints shall be placed in the sidewalk at the same location as those in the curb and gutter, when the sidewalk is adjacent to the curb and gutter, unless otherwise directed by the Engineer. Distance between joints 60 feet. Expansion joints shall be installed in the curb & gutter at all curb returns, and also at all driveways.
3. Score Marks - In sidewalk, 5' on center. In sidewalk 6' or more in width, longitudinal score marks along center of walk. In areas with existing sidewalk, score marks to match existing, or shall meet the approval of the City Engineer.
4. Class "B" concrete shall be used.
5. Relative compaction for aggregate base material 90%.
6. Weakened Plane shall be made at both sides of vaults and catch basins from back of curb to back of sidewalk.

CITY OF UKIAH

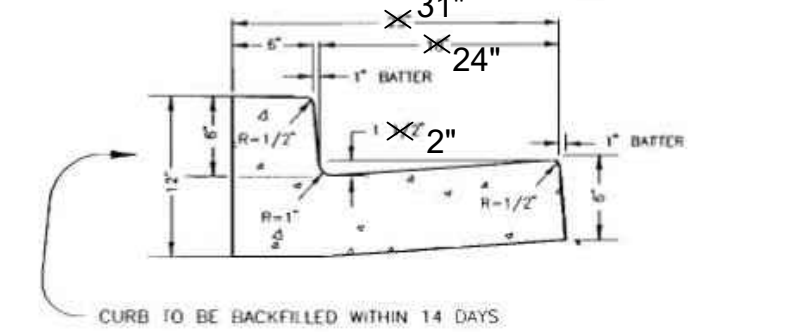
SCORE MARK DETAILS FOR
SIDEWALK, CURB, CURB & GUTTER

Scale: NONE Drawn By: ML Approved By: [Signature] Drawing No. 101
Date: 8-13-95 Revised: 8-95

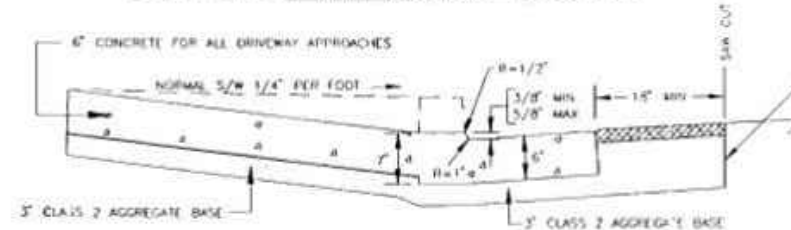
SIDEWALK AND CURB AND GUTTER SECTION



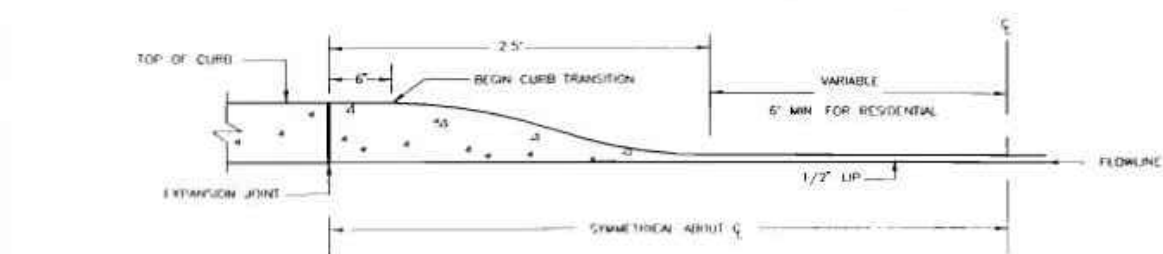
CURB AND GUTTER SECTION



DRIVEWAY APPROACH SECTION



DRIVEWAY APPROACH ELEVATION

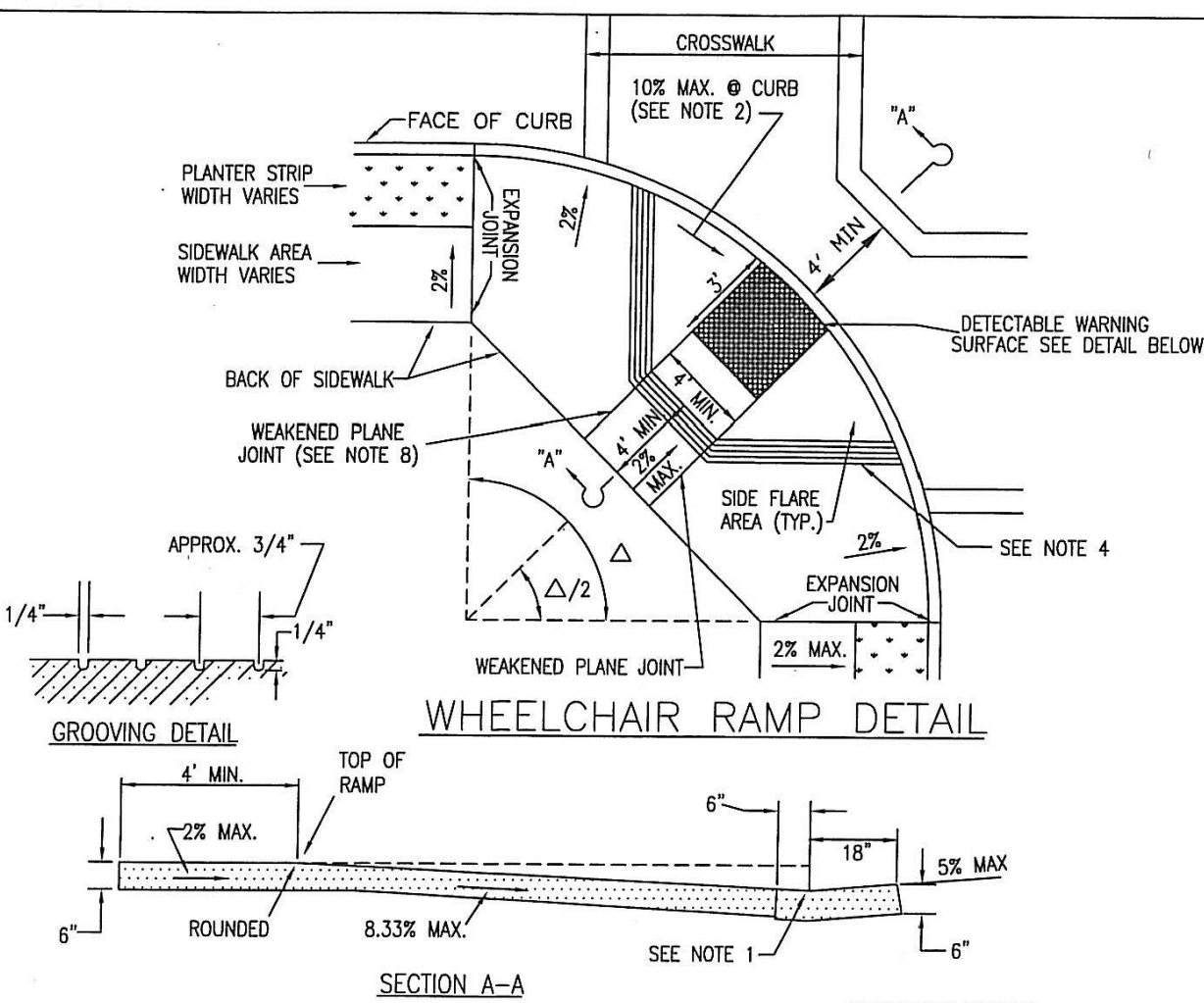


- NOTES:
- * EXPANSION JOINTS AT EACH SIDE OF DRIVEWAY APPROACH. SEE STD. DRWG. NO. 101.
 - * USE CLASS-B CONCRETE (5-SHOCK-RESIST) MINIMUM 3,000 PSI CONC. (MIN)
 - * CURB AND GUTTER SHALL NOT BE POURED MONOLITHIC WITH SIDEWALK.
 - * FOR DRIVEWAY APPROACH OR CURB AND GUTTER CONSTRUCTION ADJACENT TO STREET AREAS WITH EXISTING ASPHALT, CONTRACTOR SHALL SAW CUT EXISTING A.C. 18" FROM LIP OF GUTTER.
 - * DRIVEWAY APPROACH AND GUTTER SECTION MAY BE POURED MONOLITHIC.
 - * AGGREGATE BASE SHALL BE COMPACTED TO A MINIMUM OF 95% RELATIVE COMPACTION.

CITY OF UKIAH

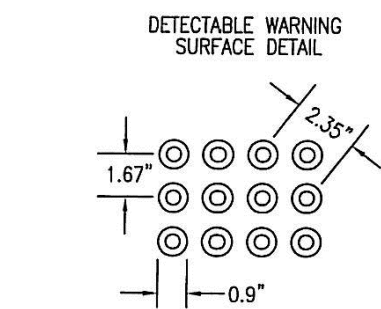
SIDEWALK, CURB AND GUTTER, AND
DRIVEWAY APPROACH DETAILS

Scale: NONE Drawn By: ML Approved By: [Signature] Drawing No. 102
Date: 1/98 Revised: LHM



NOTES

1. THE TRANSITION FROM RAMPS TO GUTTERS OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT CHANGES.
2. SLOPE OF SIDE FLARE SHALL BE 1:10 (10%) MAXIMUM.
3. RAMP AND SIDE FLARE AREA SHALL BE CONSTRUCTED WITH A HEAVY BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
4. THE RAMP SHALL HAVE A 12" WIDE BORDER WITH 1/4" GROOVES APPROXIMATELY 3/4" O.C.
5. DETECTABLE WARNING SURFACE SHALL CONSIST OF TRUNCATED DOMES ALIGNED IN A SQUARE GRID PATTERN. SEE DETECTABLE WARNING SURFACE DETAIL.
6. BACK OF RAMP SHALL BE 4' WIDE WITH MAXIMUM 2% SLOPE. MINIMUM RAMP WIDTH SHALL BE 4'.
7. MINIMUM FACE OF CURB RADIUS SHALL BE 15'.
8. WEAKENED PLANE JOINTS: 1/8" WIDE X 1-1/2" DEEP.
9. REFER TO STANDARD DRAWING 102 FOR APPLICABLE SIDEWALK, CURB AND GUTTER DETAILS.

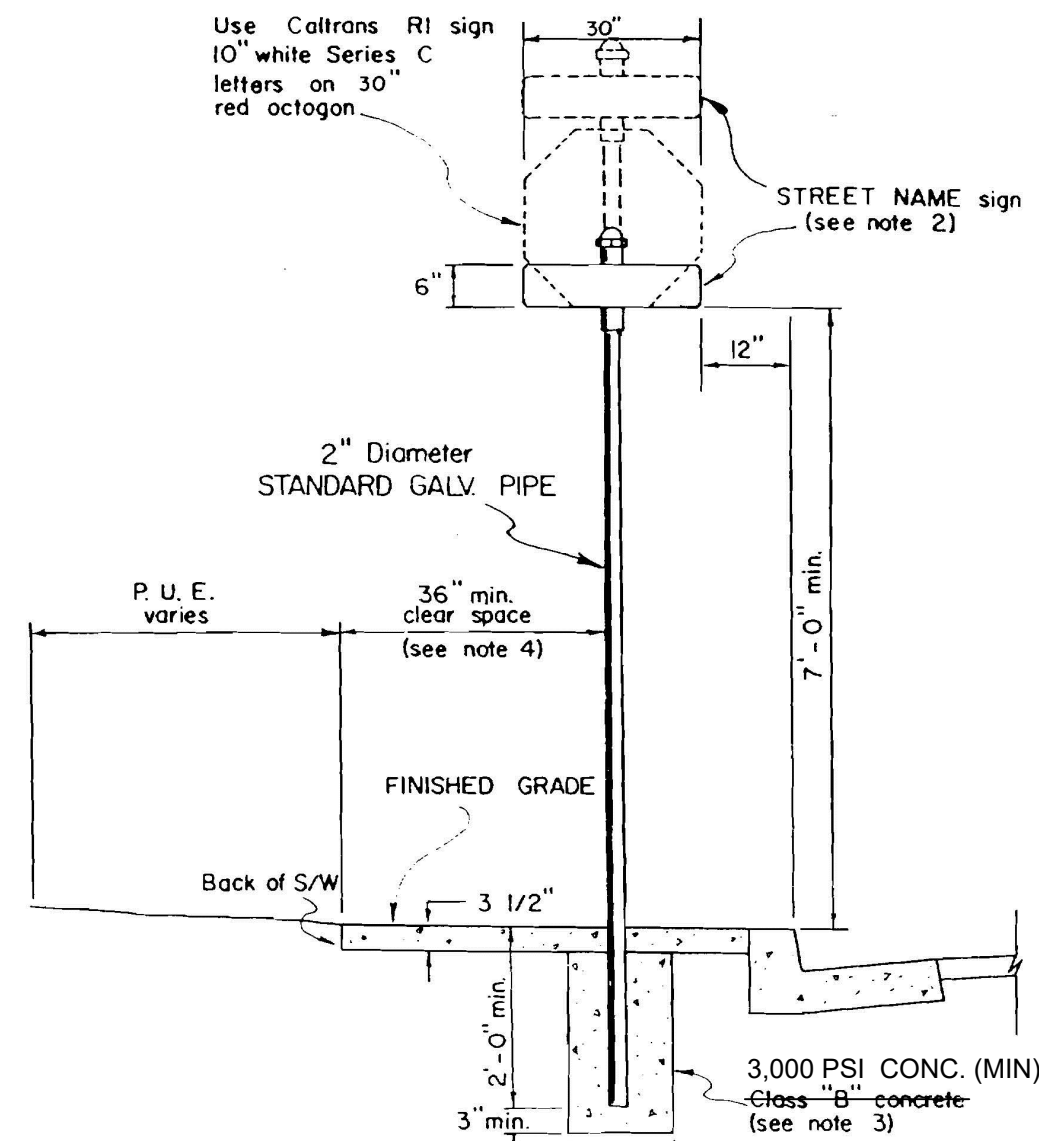


1. BASE DIA. OF .09"
2. TOP DIA. OF 50-60% OF BASE DIA.
3. HEIGHT OF 0.2"
4. CENTER TO CENTER SPACING OF 1.67"- 2.35"
5. VISUAL CONTRAST OF LIGHT ON DARK OR DARK ON LIGHT W/ ADJACENT WALKING SURFACE.
6. THE EDGE OF DETECTABLE WARNING SURFACE NEAREST THE STREET SHALL BE BETWEEN 6" AND 8" FROM THE GUTTER FLOWLINE.

CITY OF UKIAH

WHEELCHAIR RAMP
DETAIL

Scale: NONE Drawn By: [Signature] Approved By: [Signature] Drawing No. 111
Date: 2/4/09



NOTES:

1. SIGN LOCATION TO BE DETERMINED BY CITY ENGINEER.
2. NAME PLATES AND MOUNTING ASSEMBLIES TO MEET THE REQUIREMENTS OF THE CITY ENGINEER
3. WHEN SIGN POST IS LOCATED IN SIDEWALK, USE CEMENT-TREATED SUBBASE AND TAMP
4. SIGN POST MAY BE LOCATED NEAR BACK OF SIDEWALK OR WITHIN ADJACENT P.U.E., WHEN 36" CLEAR SPACE IS NOT POSSIBLE.

CITY OF UKIAH

STREET NAME &
STOP SIGN DETAIL

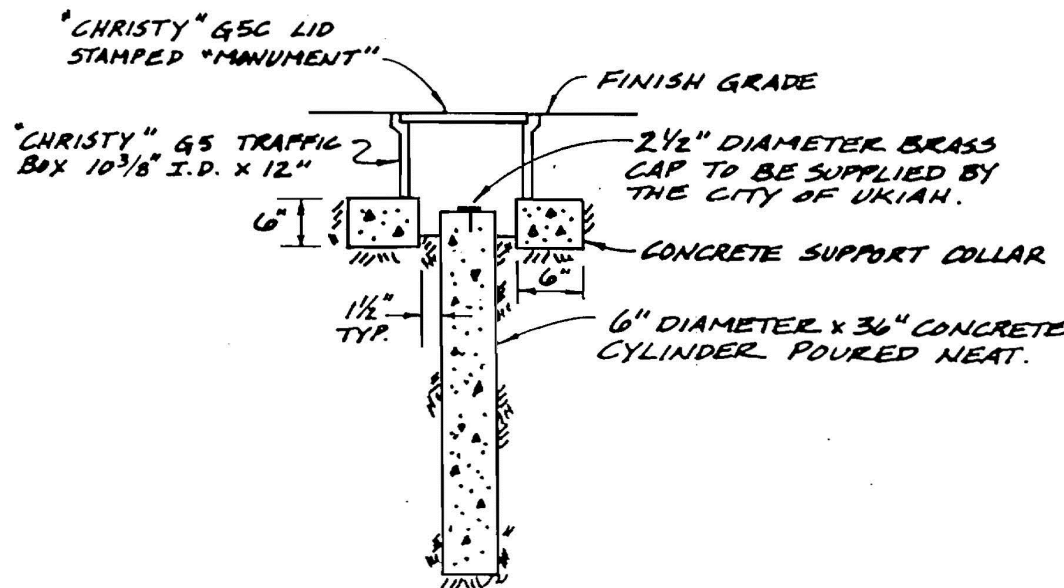
Scale: 1/20 Drawn By: ML Approved By: [Signature] Drawing No. 120
Date: 10-3-90 Revised: [Signature]

101 SCORE MARK DETAILS FOR SIDEWALK CURB, CURB & GUTTER NTS

102 SIDEWALK, CURB AND GUTTER AND DRIVEWAY APPROACH NTS

111 ADA RAMP NOT TO SCALE

120 TYPICAL ROADSIDE SIGN INSTALLATION NOT TO SCALE



NOTE: SEE DETAILS D ON DRAWING G-006 FOR MONUMENT COVER INSTALLATION AND SURFACE IMPROVEMENT REQUIREMENTS

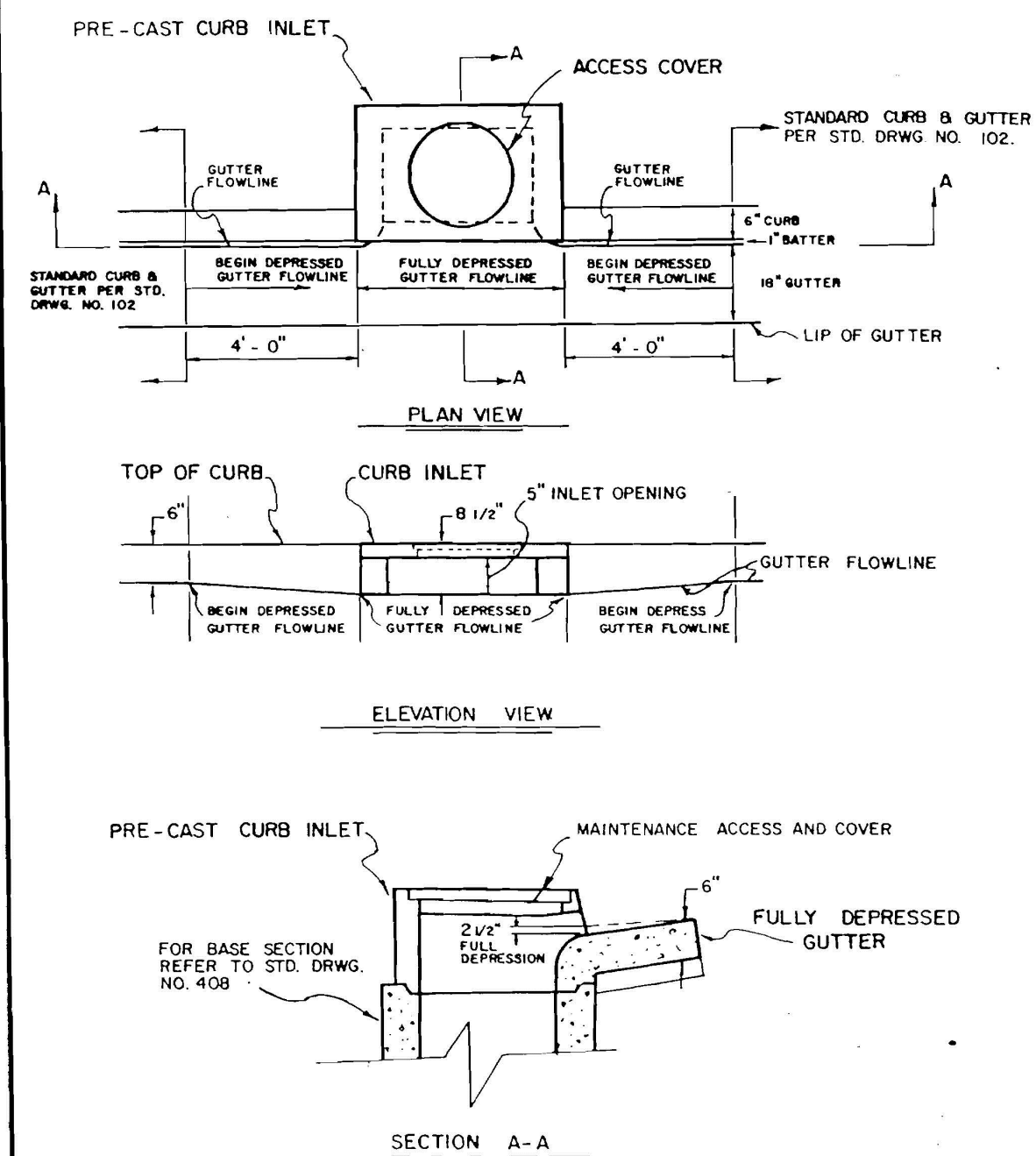
CITY OF UKIAH

STREET MONUMENT DETAIL

Scale: NONE Drawn By: ML Approved By: [Signature] Drawing No. 140
Date: 8/96 Revised: [Signature]

140 STREET MONUMENT

NOT TO SCALE



CITY OF UKIAH

CURB INLET
GUTTER DEPRESSION

Scale: NO SCALE Drawn By: ML Approved By: [Signature] Drawing No. 403
Date: 3/12/97 Revised: [Signature]

403 CURB INLET GUTTER DEPRESSION

NOT TO SCALE

CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT

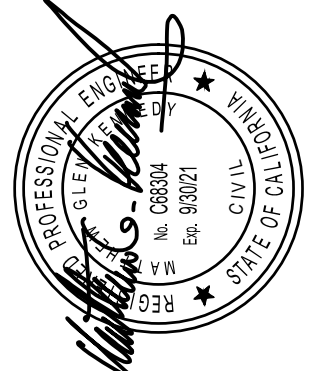
CIVIL DETAILS - 1

PROJ NO: 11191705
DRWN: CP CHKD: JS

C-501

SHEET 54 OF 121

GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, CA 95403
Tel: 707.527.8879
Fax: 707.527.8879
W: www.ghd.com



BAR IS ONE INCH ON
ORIGINAL DRAWING

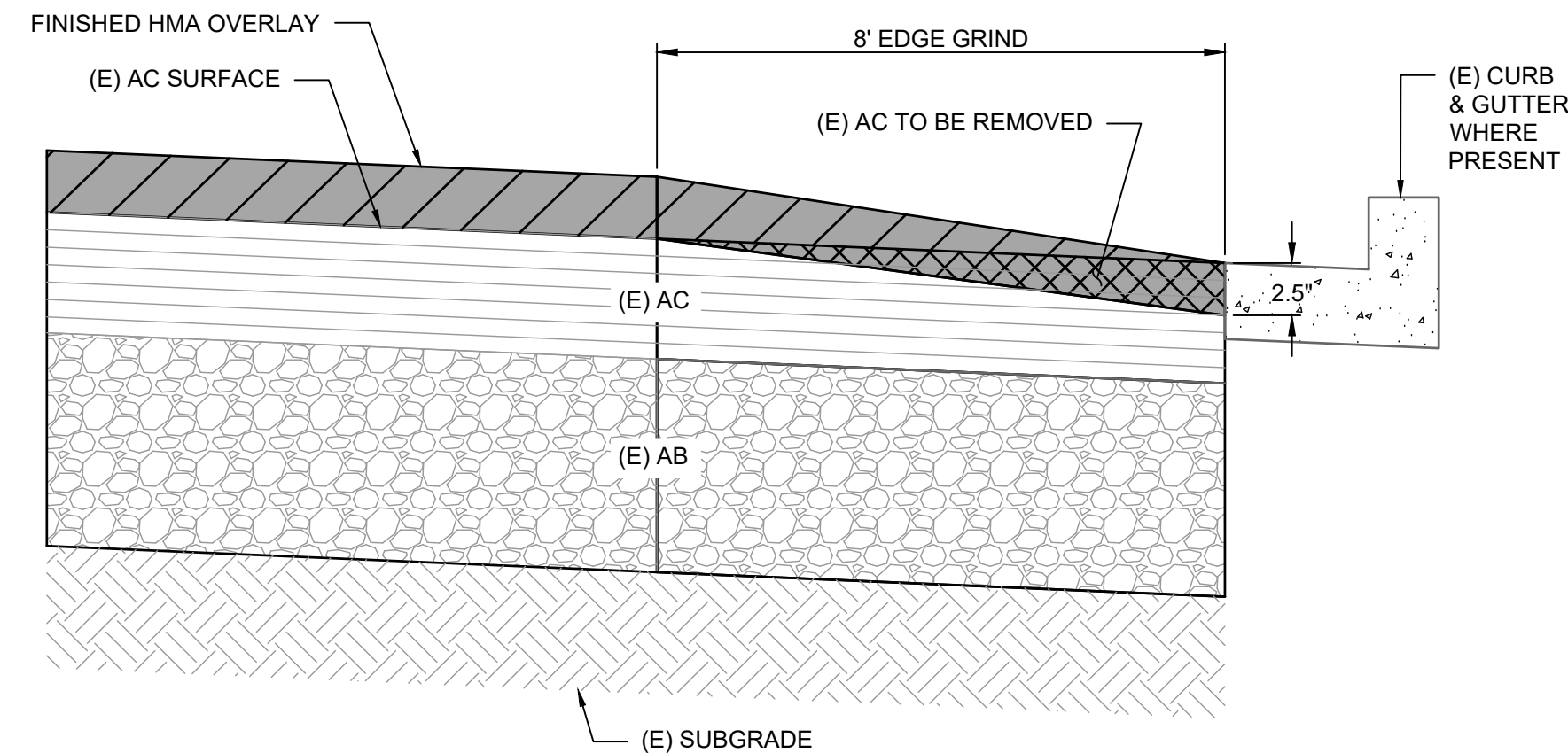
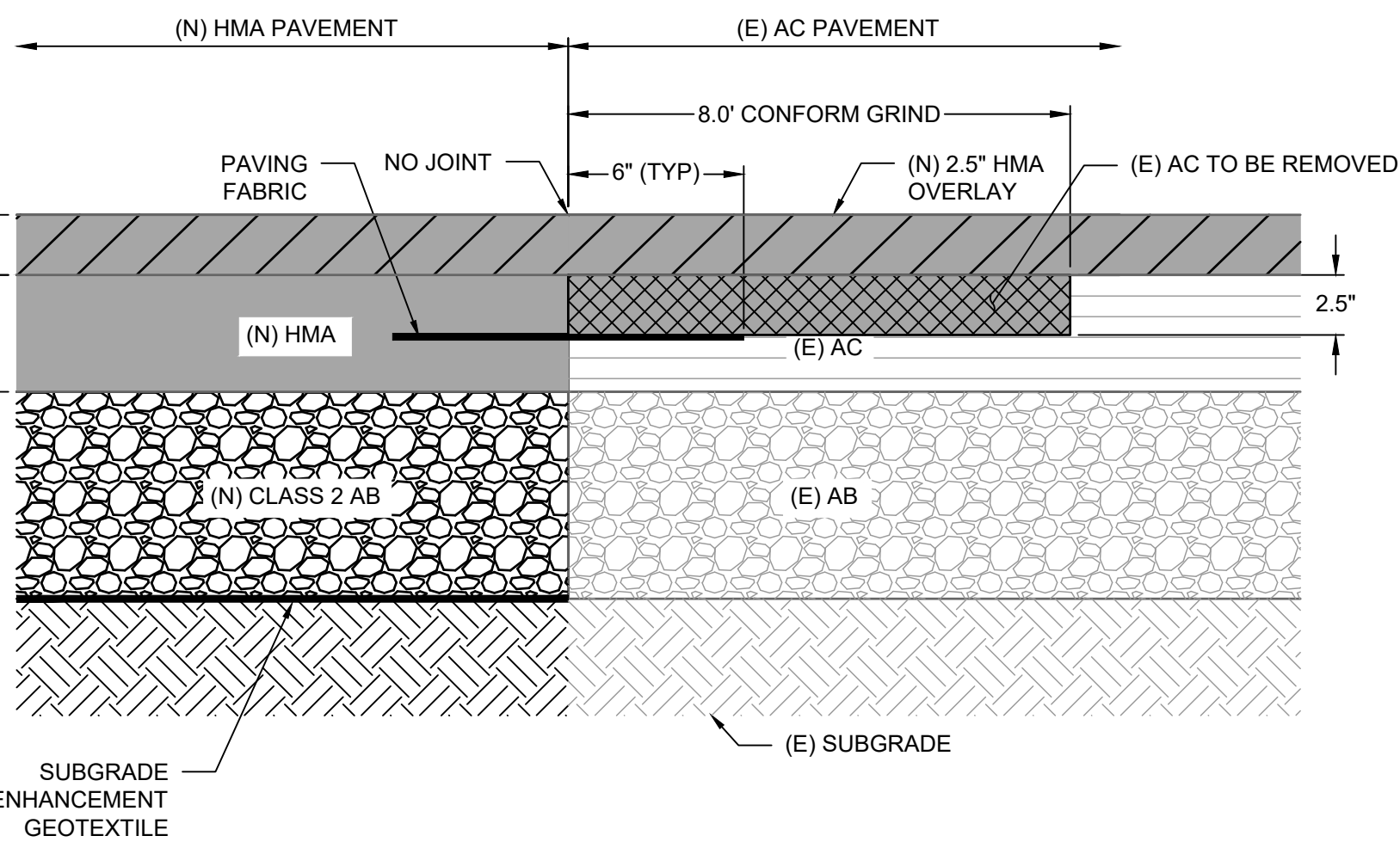
REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

11/12/2019

ISSUE

MARK DATE DESCRIPTION

11/12/2019 BID SET

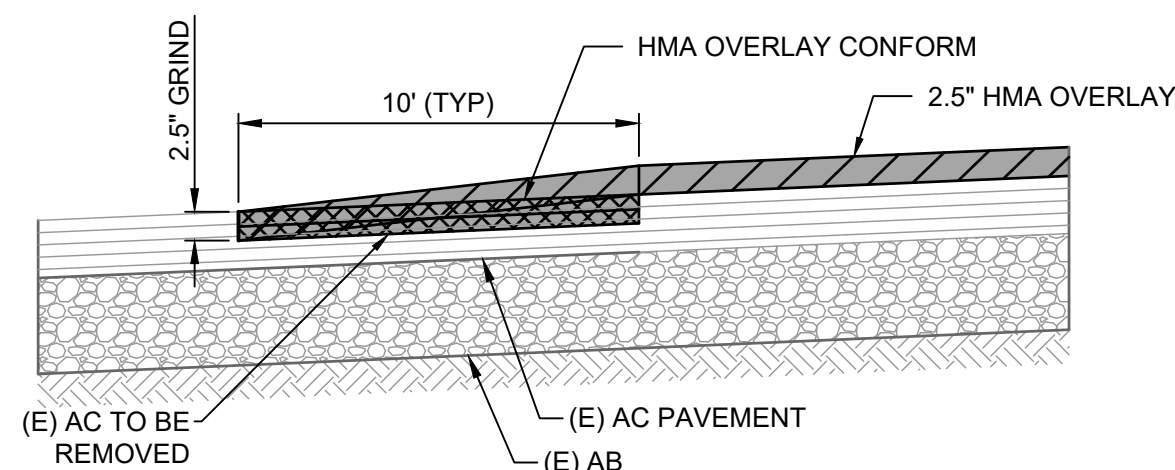


2	HMA PAVEMENT / HMA OVERLAY CONFORM
---	------------------------------------

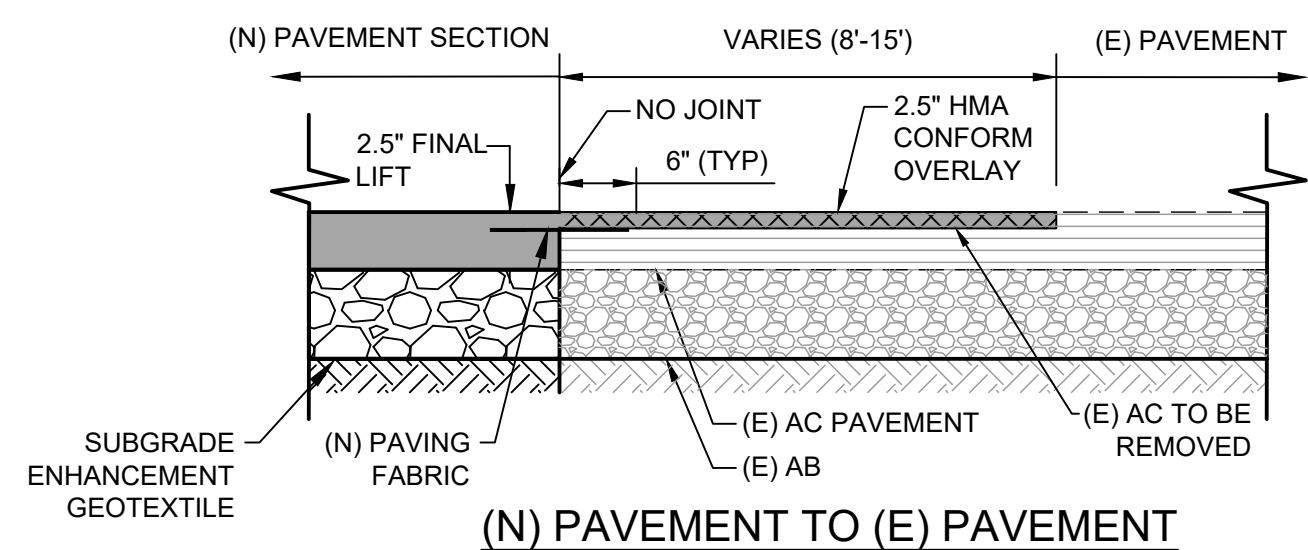
NOT TO SCALE

3 | EDGE GRIND

NOT TO SCALE



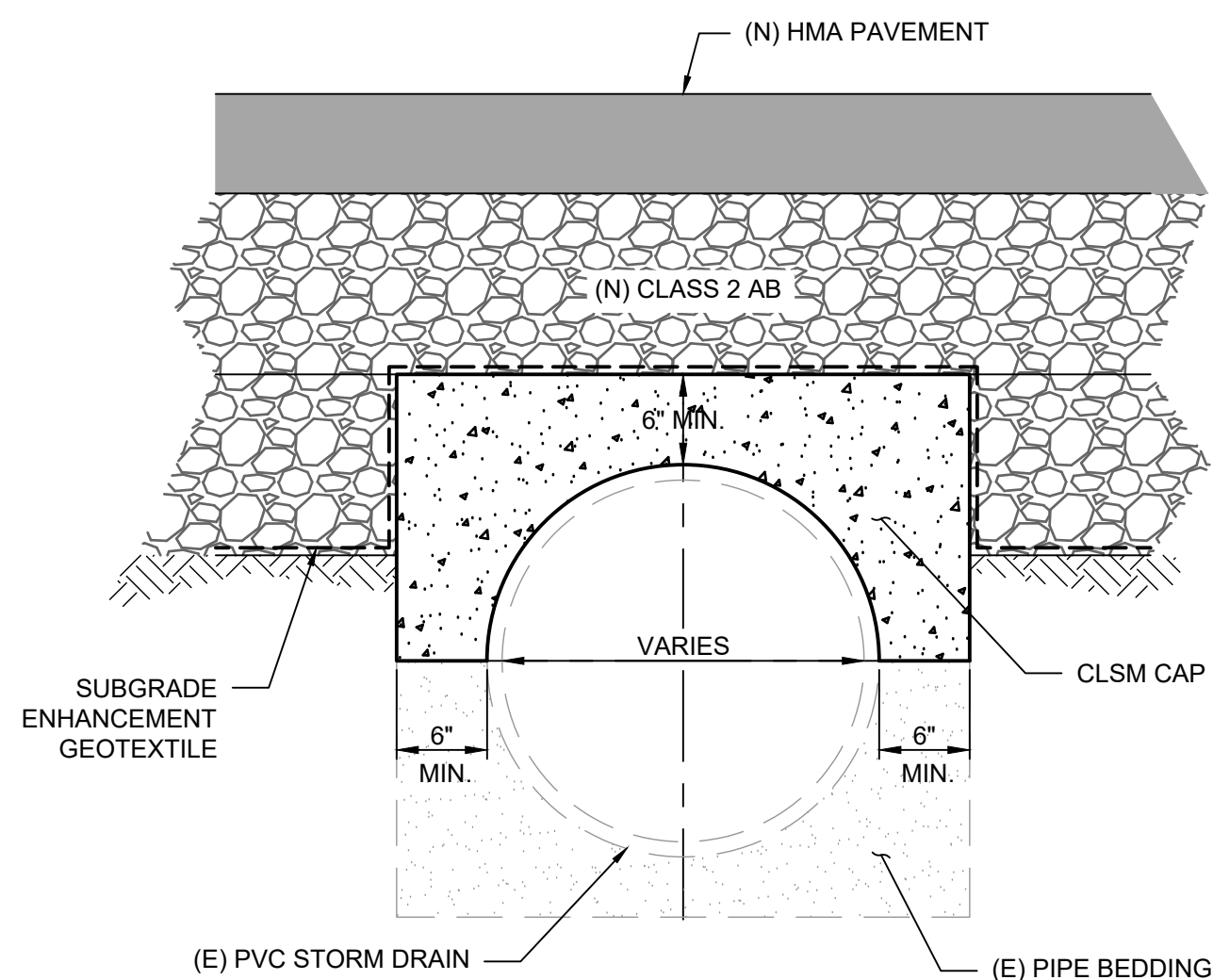
(N) OVERLAY TO (E) PAVEMENT



(N) PAVEMENT TO (E) PAVEMENT

4 TYPICAL CONFORM GRIND

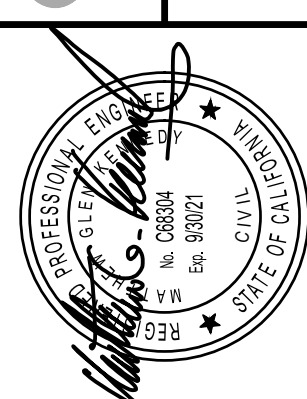
NOT TO SCALE



5 | CONCRETE STORM DRAIN CAP

NOT TO SCALE

GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95407, USA
T 1 707 523 1010 **F** 1 707 527 8679
W www.ghd.com



11/12/2019

BAR IS ONE INCH ON
ORIGINAL DRAWING

REUSE OF DOCUMENTS

This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.

© 2019 GHD

© 2019 GHD

[illegible]

**CITY OF UKIAH
DOWNTOWN STREETScape AND
ROAD DIET PROJECT**

CIVIL DETAILS - 3

PROJ NO: 11191705

DRWN: CP	CHKD: JS
----------	----------

C-503

SHEET 56 OF 121

2019-11-11 3:27 PM KHARVEY
NAUS\SANTA ROSA\PROJECTS\5611\1191705\DIGITAL_DESIGN\CAD 2018\SHEETS\CIVIL\1191705_C-501.DWG

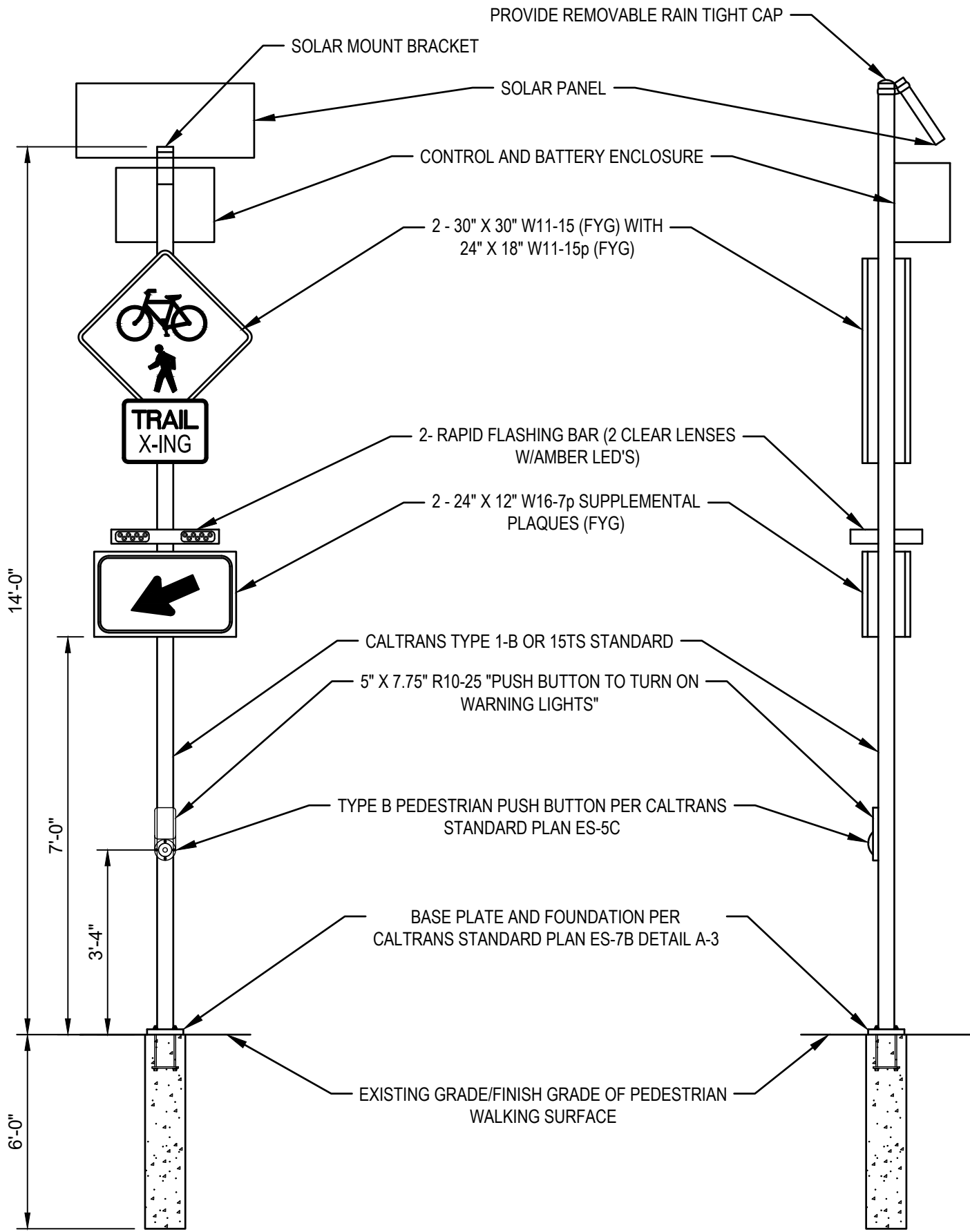
GENERAL NOTES:

- SIGN/RRFB LOCATIONS SHALL BE MARKED IN THE FIELD 5 DAYS IN ADVANCE OF VERIFICATION. ALL NEW POLES AND PULL BOXES SHALL BE VERIFIED BY THE ENGINEER PRIOR TO INSTALLATION.
- THE WORK ON THESE PLANS SHALL BE PERFORMED IN CONFORMANCE WITH THE LATEST EDITIONS OF THE CALTRANS STANDARD PLANS, STANDARD INCLUDING REVISIONS SPECIFICATIONS, SIGN SPECIFICATION SHEETS, CITY TRAFFIC STANDARDS, AND THE CALIFORNIA MUTCD.
- THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.
- CONTRACTOR SHALL VERIFY OVERHEAD AND UNDERGROUND CLEARANCE WITH ALL UTILITY COMPANIES PRIOR TO START OF WORK.
- ALL PEDESTRIAN PUSH BUTTON SYSTEMS SHALL BE COMPATIBLE WITH RRFB/IRWL SYSTEMS AND MEET CA MUTCD REQUIREMENTS.
- CONTRACTOR SHALL FURNISH AND INSTALL FOUNDATIONS AND ALL ANCILLARY HARDWARE (INCLUDING BOLTS, NUTS, MOUNTINGS, ETC.) FOR A COMPLETE INSTALLATION PER THESE PLANS.
- AS-BUILT OR RECORD DRAWINGS SHALL BE PROVIDED TO THE CITY OF UKIAH AT THE CLOSE OF THE PROJECT.
- ALL NEW SIGNAL POLES SHALL BE HOT-DIPPED GALVANIZED.
- CONTRACTOR SHALL PROVIDE ALL CONDUCTORS NECESSARY TO PERFORM ALL FUNCTIONS REQUIRED.

LEGEND:

TRAFFIC SIGNAL STANDARD WITH WIRELESS SOLAR RECTANGULAR RAPID FLASHING BEACON (RRFB) (TWO DIRECTION); SOLAR MODULE; CONTROL AND BATTERY ENCLOSURE WITH W11-15 "BICYCLE/PEDESTRIAN SIGN" & W11-15p "TRAIL X-ING SIGN"; W16-7p LEFT OR RIGHT "ARROW" SIGN IN DIRECTION OF CROSSING.

INSTALL TAPCO RRFB-XL2 SOLAR POWERED SYSTEM, OR APPROVED EQUAL.



TYPICAL EQUIPMENT INSTALLATION OF RECTANGULAR RAPID FLASHING BEACON (RRFB) SYSTEM WITH PEDESTRIAN PUSH BUTTON

NOT TO SCALE

SIGN LEGEND:



W11-15



W11-15P



W16-7P (L)



W16-7P (R)

CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT

CIVIL DETAILS - 4

PROJ NO: 11191705

DRWN: CP CHKD: JS

C-504

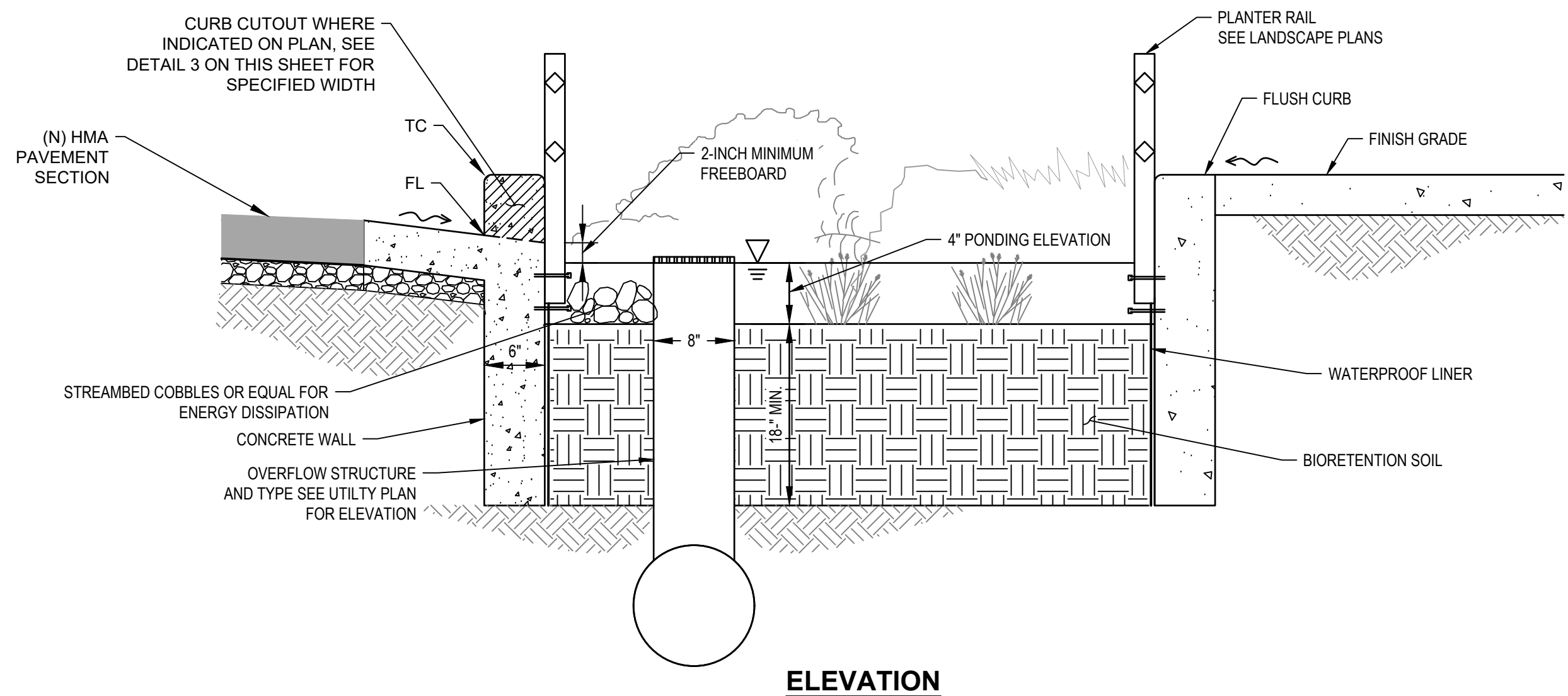
SHEET 57 OF 121



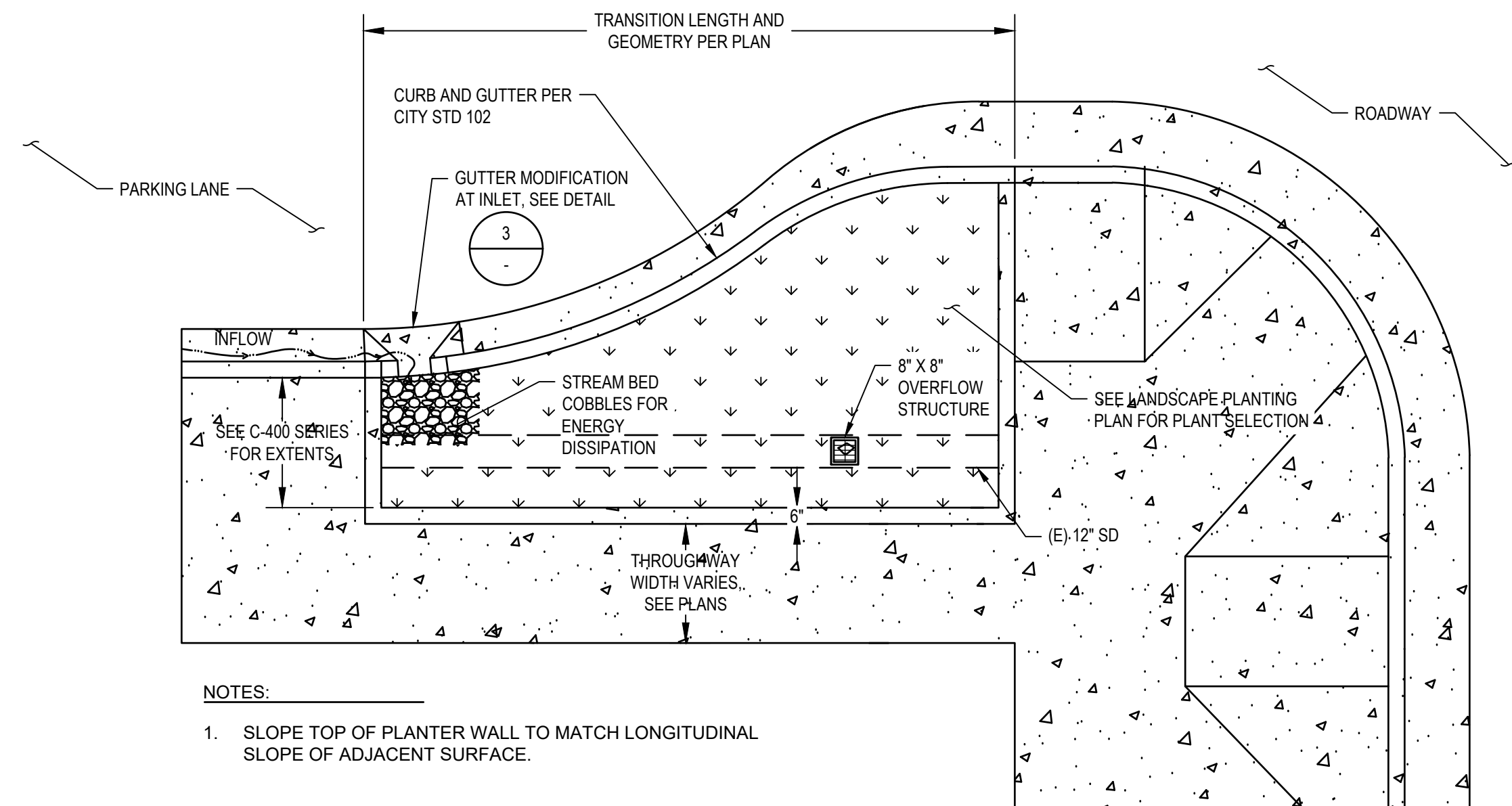
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	11/12/2019			

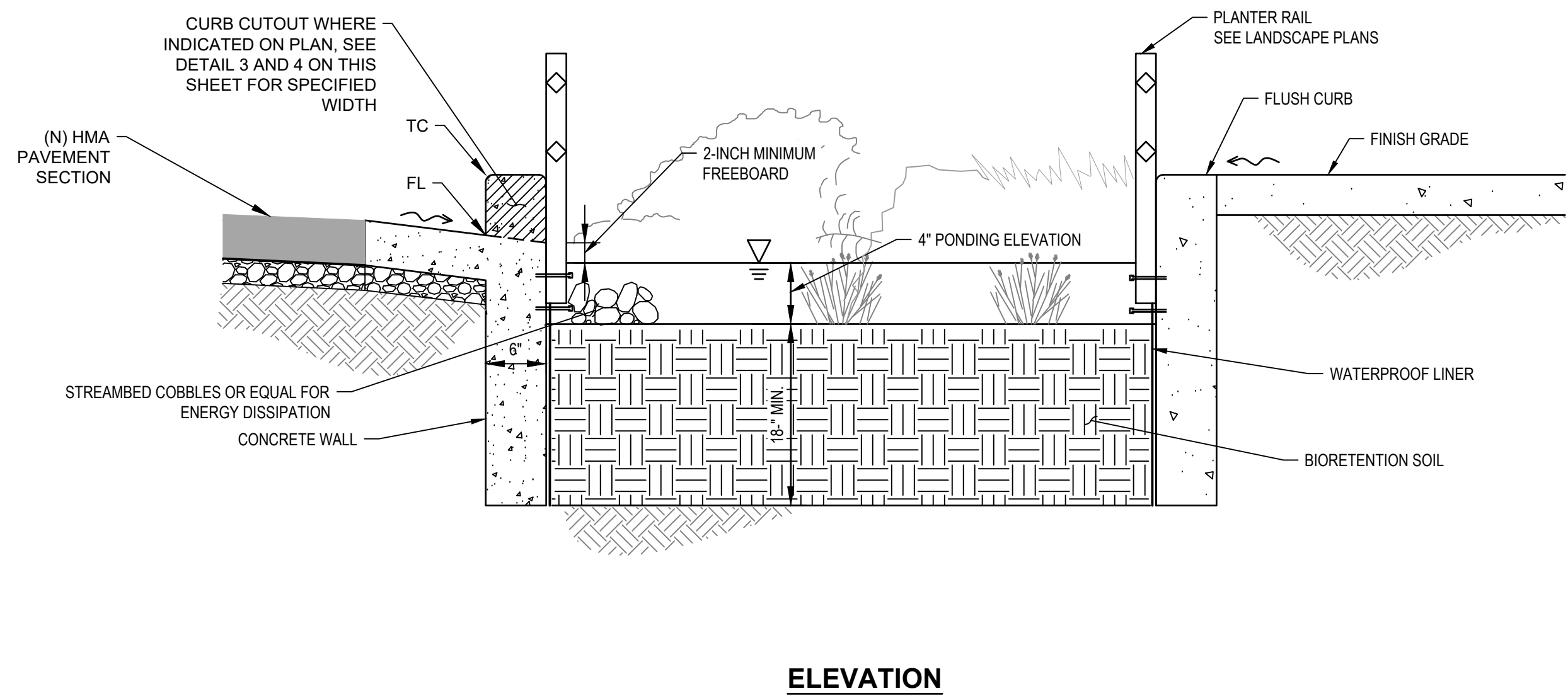
GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95403, USA
Tel: 707.527.8800 F: 707.527.8879
W: www.ghd.com



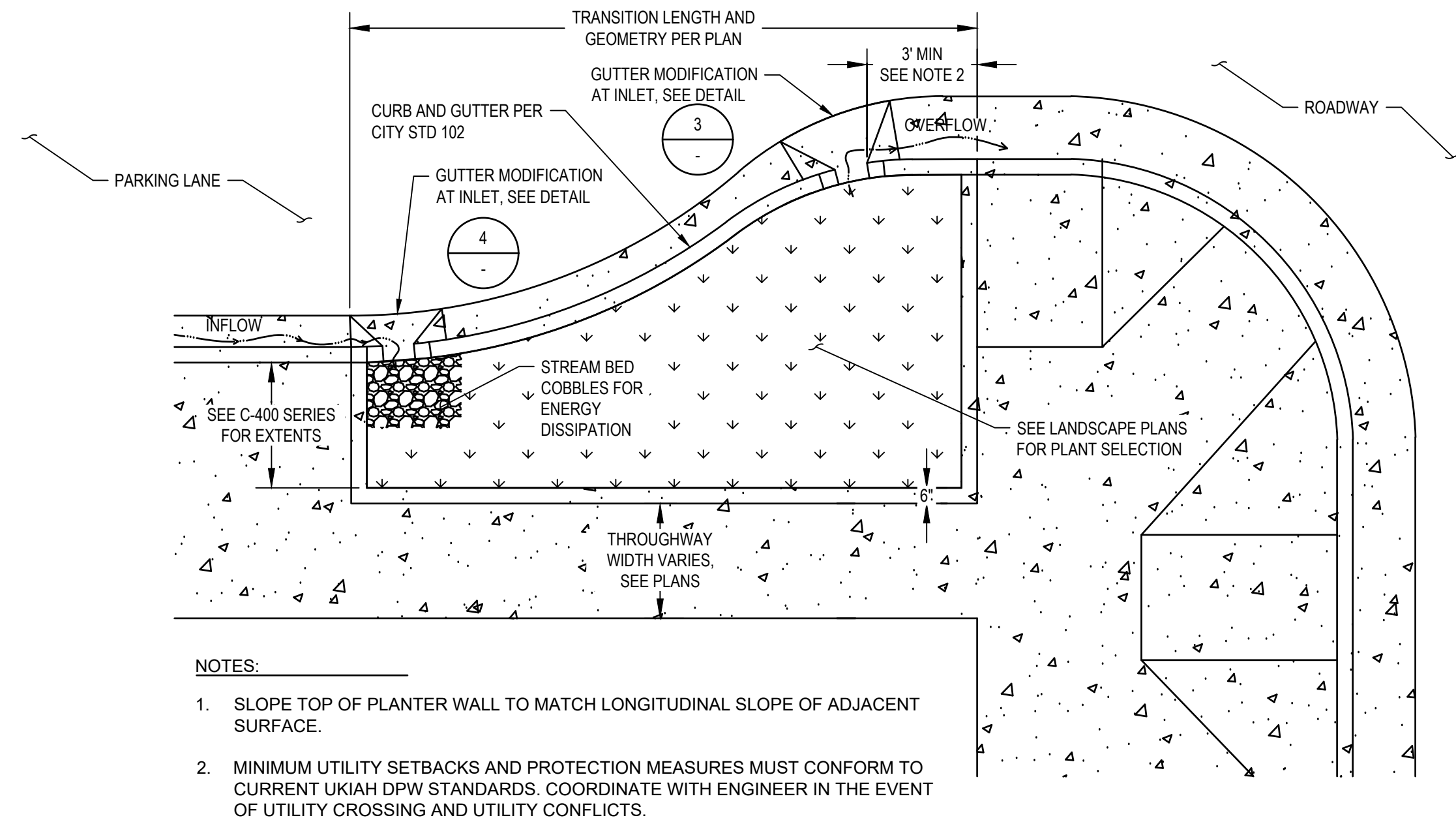
ELEVATION



PLAN

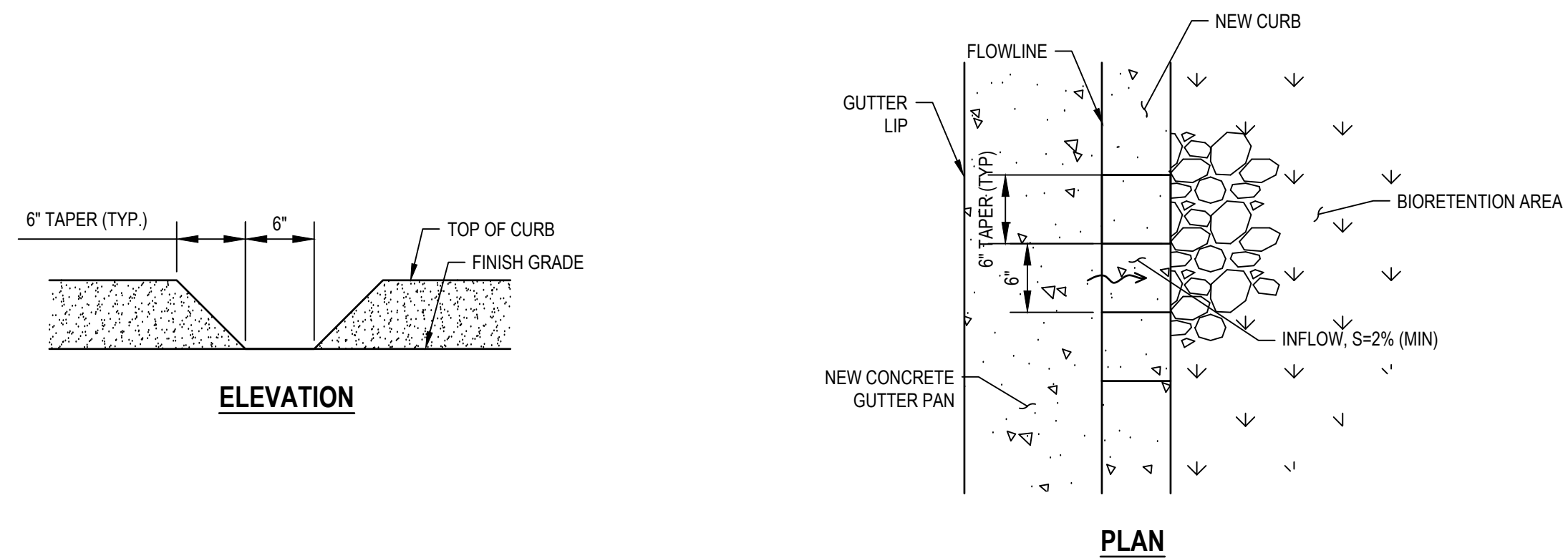


ELEVATION



PLAN

1 | BIORETENTION TYPE 1 NOT TO SCALE

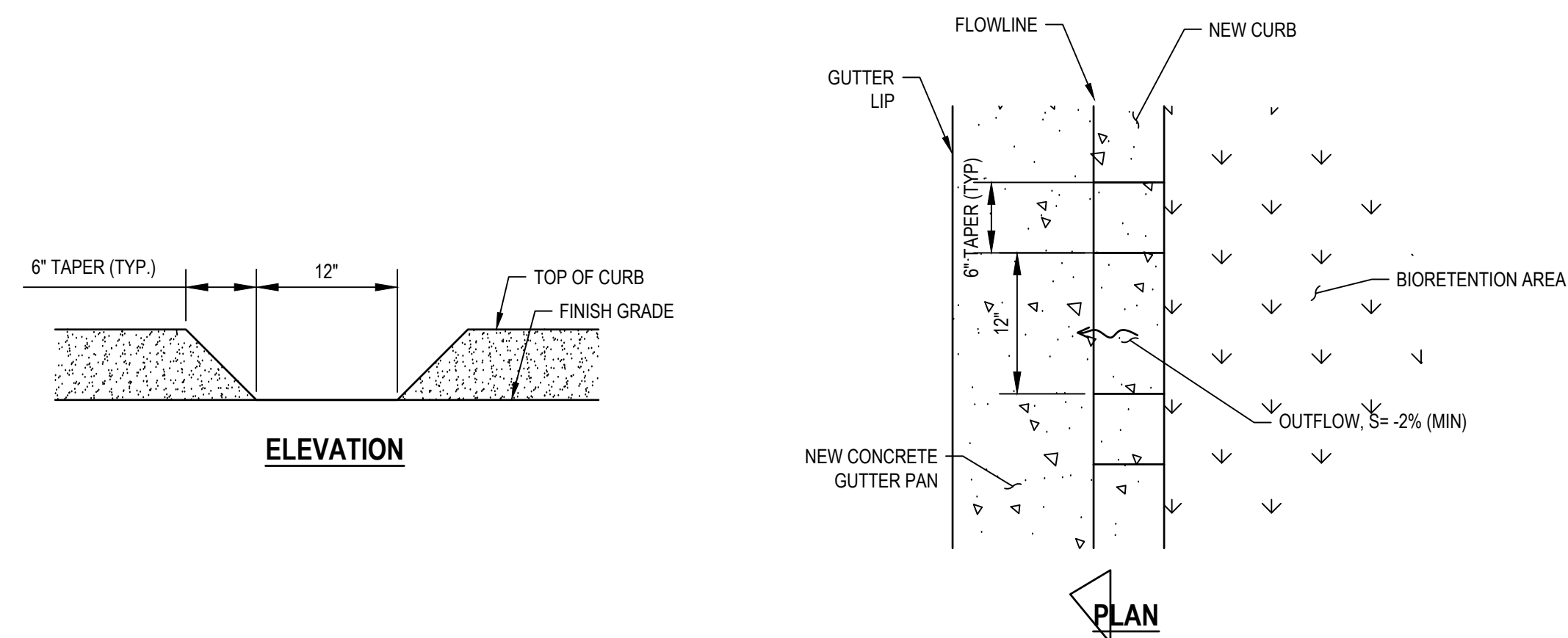


ELEVATION

PLAN

3 | TYPICAL INFLOW CURB CUTOUT ELEVATION AND PLAN VIEW NOT TO SCALE

2 | BIORETENTION TYPE 2



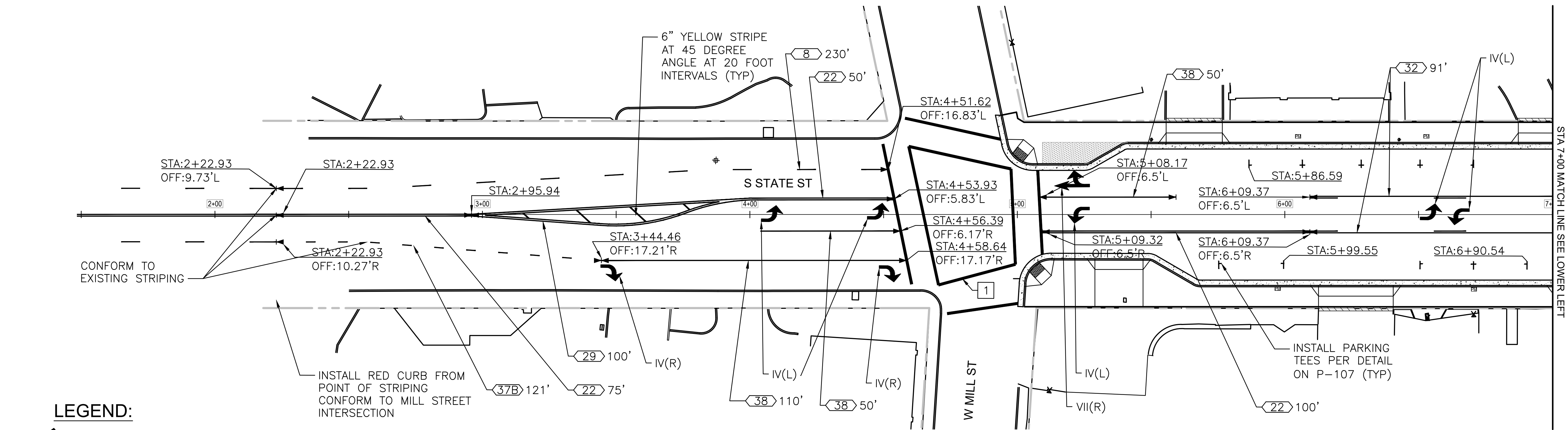
ELEVATION

PLAN

4 | TYPICAL OVERFLOW CURB CUTOUT ELEVATION AND PLAN VIEW NOT TO SCALE

CITY OF UKIAH DOWNTOWN STREETSCAPE AND ROAD DIET PROJECT		CIVIL DETAILS - 5	
PROJ NO: 11191705		11/12/2019	
DRWN: TM		CHKD: --	
C-505			
SHEET 58		OF 121	

2019-11-11 2:44 PM, KRANGEL
N:\AA\ME\UK\080\UK DOWNTOWN STREETSCAPE\ACAD\UK080 - SS PLAN - P.DWG

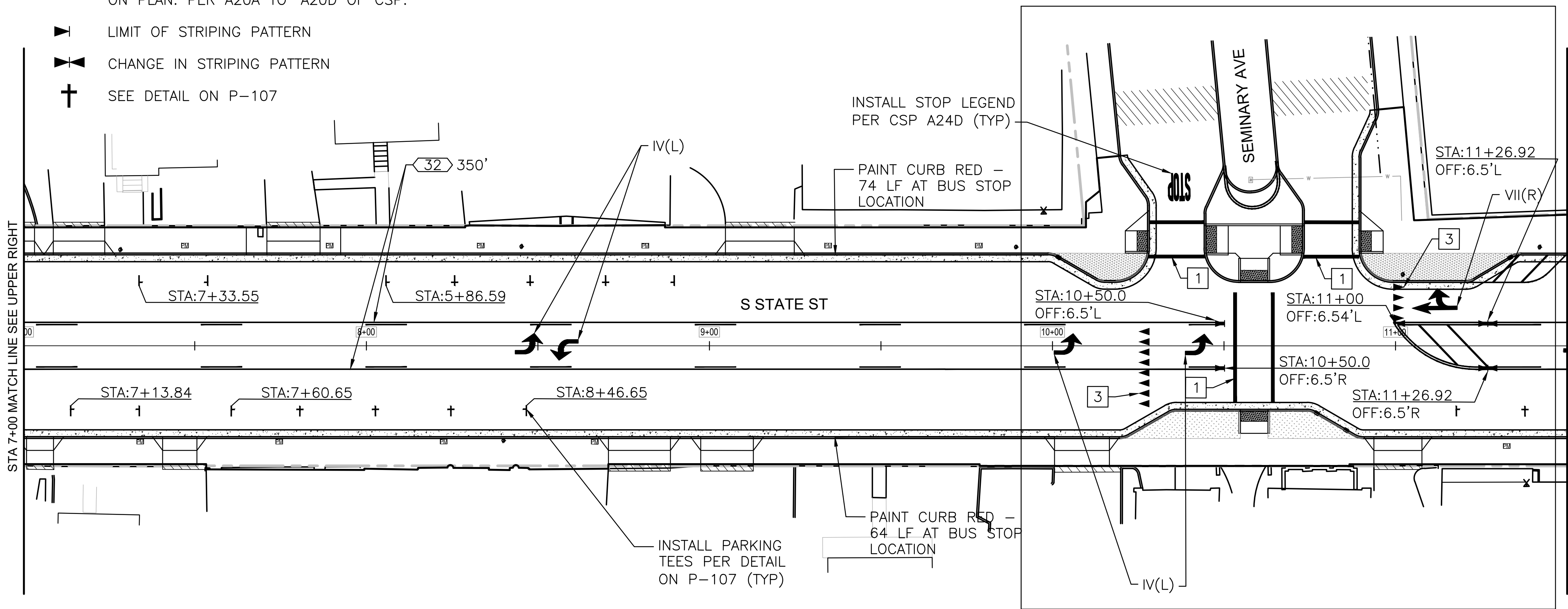


LEGEND:

- TYPE IV(L) ARROW PER CSP A24A
- TYPE VII(R) ARROW PER CSP A24A
- STOP LEGEND PER CSP A24D
- STRIPING PER CALTRANS DETAIL INDICATED ON PLAN. PER A20A TO A20D OF CSP.
- LIMIT OF STRIPING PATTERN
- CHANGE IN STRIPING PATTERN
- SEE DETAIL ON P-107

STRIPING PLAN STATE STREET

SCALE: 1" = 20'



STRIPING PLAN STATE STREET

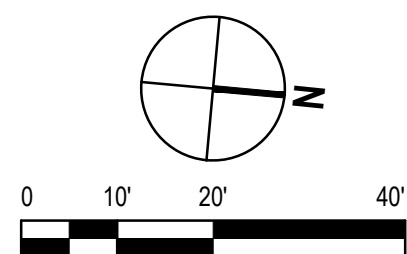
SCALE: 1" = 20'

GENERAL STRIPING NOTES:

- ALL STRIPING SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE CALTRANS STANDARD PLANS (CSP) AND CITY OF UKIAH STANDARDS.
- ALL LEGENDS, CROSSWALKS, AND MARKINGS SHALL BE THERMOPLASTIC.
- CONTRACTOR SHALL REMOVE EXISTING STRIPING, ON SOUTH STATE STREET EXTENDING 230 FEET SOUTH OF MILL STREET
- CONTRACTOR SHALL REMOVE ALL EXISTING STRIPING, MARKINGS, CROSSWALKS, PAVEMENT MARKERS AND DELINEATORS ON SOUTH STATE STREET AND NORTH STATE STREET BETWEEN MILL STREET AND WEST HENRY STREET.
- ALL PAVEMENT THAT IS TO BE GROUND WILL HAVE STRIPING REPLACED AS SHOWN.
- CONTRACTOR SHALL INVENTORY ALL PAINTED CURBS BEFORE EXISTING CURBS ARE DEMOLISHED. ALL GREEN, WHITE, RED, AND YELLOW CURB TO BE REMOVED IN THE STUDY AREA SHOULD BE REINSTALLED.

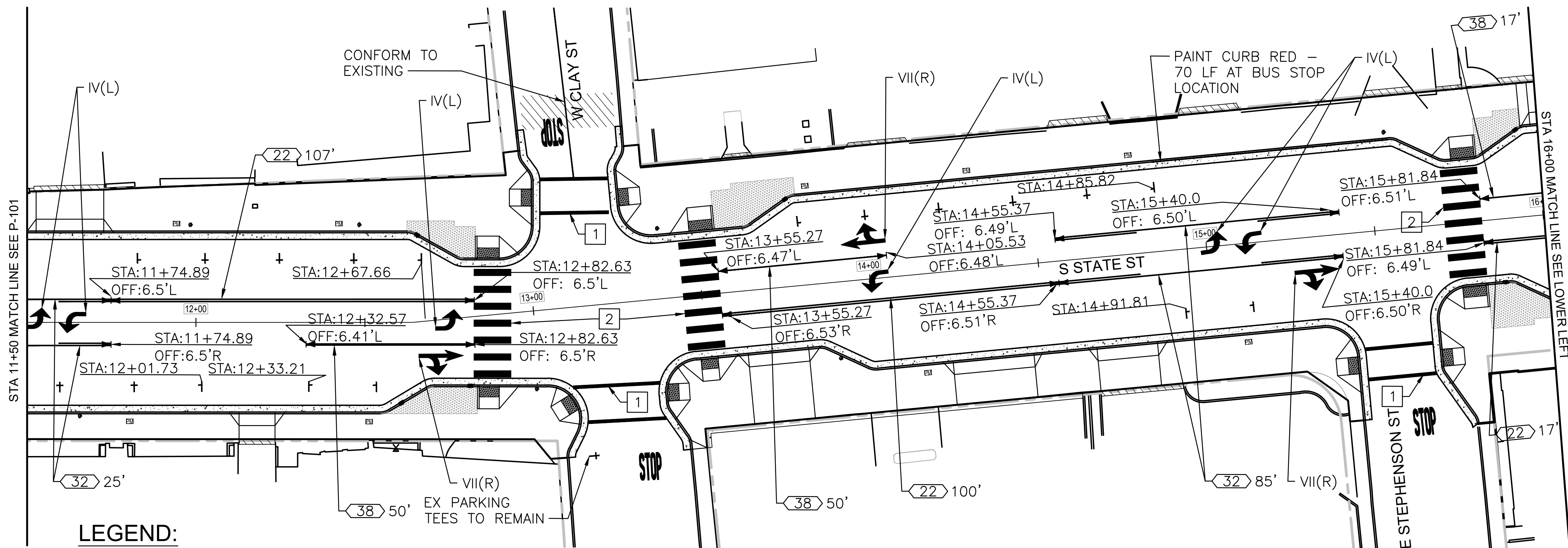
SHEET KEYNOTES:

- INSTALL 12" WHITE THERMOPLASTIC CROSSWALK PER CSP A24F (TYP)
- INSTALL CONTINENTAL CROSSWALK PER CSP A24F (TYP)
- INSTALL "SHARKS TEETH" YIELD LINES PER CSP A24E (TYP)



GHD Inc. 2235 Mercury Way, Suite 150 Santa Rosa, California 95407, USA T: (707) 523-1010 F: (707) 527-8879 W: www.ghd.com		Whitlock & Weinberger Transportation, Inc. 490 Mendocino Avenue, Suite 201 Santa Rosa, CA 95401 V: (707) 542-9500 F: (707) 542-3590	
		11/12/2019	
BAR IS ONE INCH ON ORIGINAL DRAWING		1"	
REUSE OF DOCUMENTS		This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization. © 2019 GHD	
		MARK	DESCRIPTION
		DATE	ISSUE
		11/12/2019	BID SET
CITY OF UKIAH		STRIPING PLAN	
DOWNTOWN STREETSCAPE AND ROAD DIET PROJECT		STA. 2+00 - STA. 11+50	
PROJ. NO: 11191705		CHKD: SW	
DRWN: KR			
P-101			
SHEET 59		OF 121	

2019-11-11 2:44 PM, KRANGEL
N:\AA\ME\UK\080\UK DOWNTOWN STREETSCAPE\ACAD\UK080 - SS PLAN - P.DWG

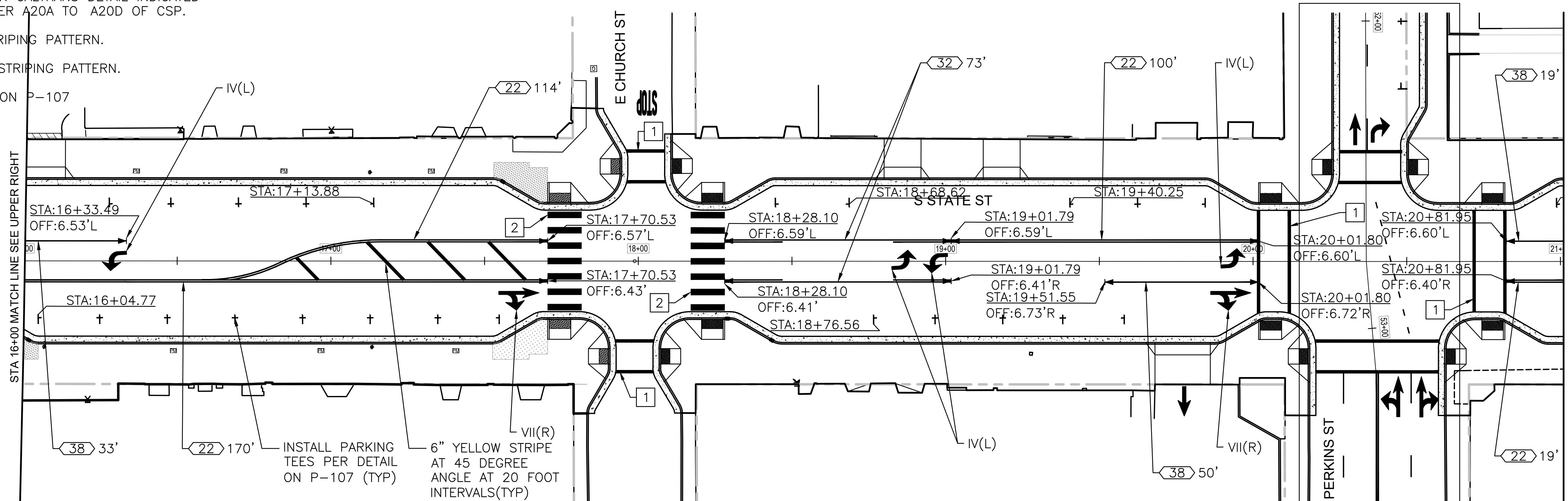
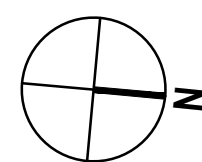


LEGEND:

- TYPE I 10'-0" ARROW PER CSP A24A
- TYPE IV(L) ARROW PER CSP A24A
- TYPE VII(R) ARROW PER CSP A24A
- STOP LEGEND PER CSP A24D
- XX LF STRIPING PER CALTRANS DETAIL INDICATED ON PLAN. PER A20A TO A20D OF CSP.
- LIMIT OF STRIPING PATTERN.
- CHANGE IN STRIPING PATTERN.
- SEE DETAIL ON P-107

STRIPING PLAN STATE STREET

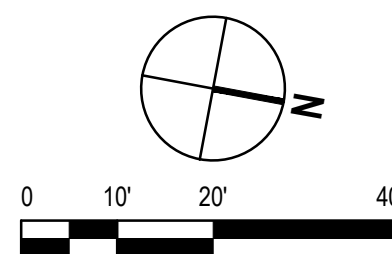
SCALE: 1" = 20'



STRIPING PLAN STATE STREET

SCALE: 1" = 20'

SEE P-104 FOR PERKINS STREET STRIPING DETAILS



GENERAL STRIPING NOTES:

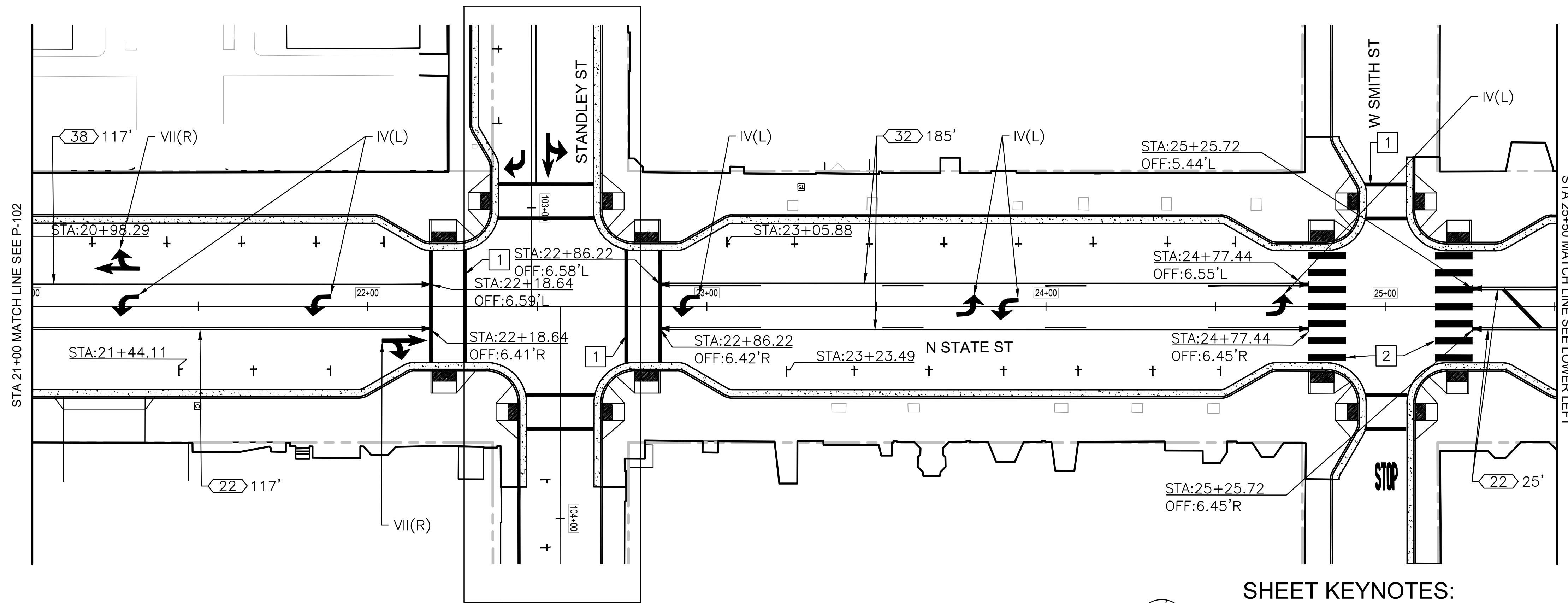
- ALL STRIPING SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE CALTRANS STANDARD PLANS (CSP) AND CITY OF UKIAH STANDARDS.
- ALL LEGENDS, CROSSWALKS, AND MARKINGS SHALL BE THERMOPLASTIC.
- CONTRACTOR SHALL REMOVE ALL EXISTING STRIPING, MARKINGS, CROSSWALKS, PAVEMENT MARKERS AND DELINEATORS ON SOUTH STATE STREET AND NORTH STATE STREET BETWEEN MILL STREET AND WEST HENRY STREET.
- ALL PAVEMENT THAT IS TO BE GROUND WILL HAVE STRIPING REPLACED AS SHOWN.
- CONTRACTOR SHALL INVENTORY ALL PAINTED CURBS BEFORE EXISTING CURBS ARE DEMOLISHED. ALL GREEN, WHITE, RED, AND YELLOW CURB TO BE REMOVED IN THE STUDY AREA SHOULD BE REINSTALLED.

SHEET KEYNOTES:

- INSTALL 12" WHITE THERMOPLASTIC CROSSWALK PER CSP A24F (TYP)
- INSTALL CONTINENTAL CROSSWALK PER CSP A24F (TYP)

GHD Inc. 2235 Mercury Way, Suite 150 Santa Rosa, California 95407, USA T: (707) 523-1010 F: (707) 527-8679 W: www.ghd.com		Whitlock & Weinberger Transportation, Inc. 490 Mendocino Avenue, Suite 201 Santa Rosa, CA 95401 V: (707) 542-9500 Fax: (707) 542-3590	
		11/12/2019	
BAR IS ONE INCH ON ORIGINAL DRAWING		REUSE OF DOCUMENTS This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization. © 2019 GHD	
		MARK	DESCRIPTION
		DATE	ISSUE
		11/12/2019	BID SET
CITY OF UKIAH DOWNTOWN STREETSCAPE AND ROAD DIET PROJECT		STRIPING PLAN STA. 11+50 - STA. 21+00	
PROJ. NO: 11191705		CHKD: SW	
DRWN: KR		P-102	
SHEET 60		OF 121	

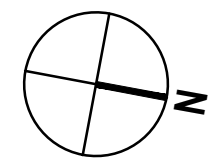
2019-11-11 4:12 PM, KRANGEL
N:\AA\ME\KUK\080\UK DOWNTOWN STREETSCAPE\ACAD\UK080 - SS PLAN - P.DWG



SEE P105 FOR
PERKINS STREET
STRIPING DETAILS

STRIPING PLAN STATE STREET

SCALE: 1" = 20'



SHEET KEYNOTES:

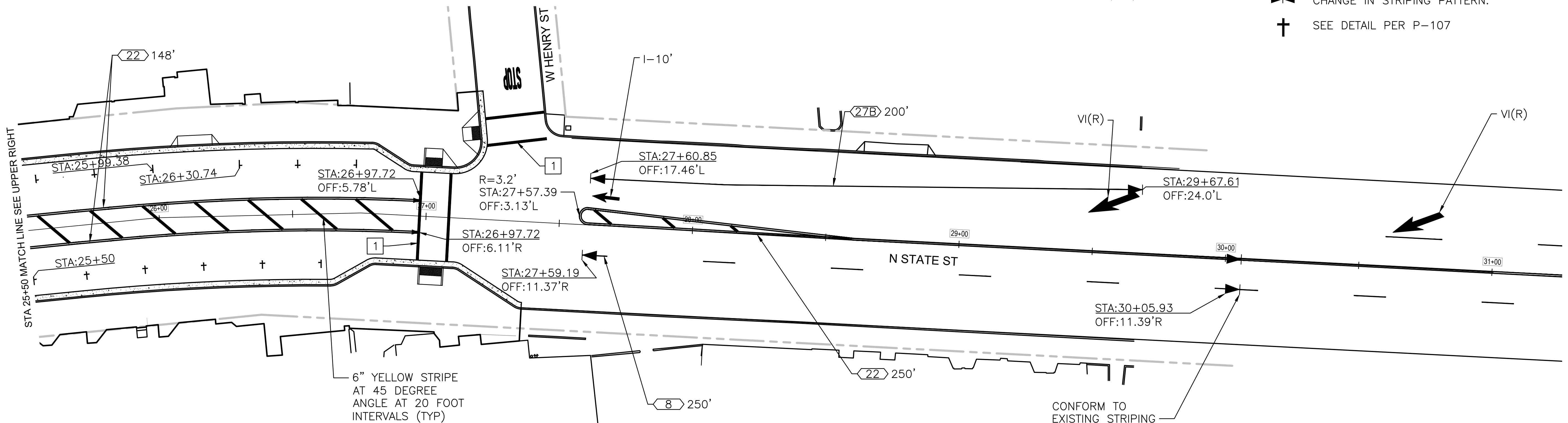
- 1 INSTALL 12" WHITE THERMOPLASTIC CROSSWALK PER CSP A24F (TYP)
- 2 INSTALL CONTINENTAL CROSSWALK PER CSP A24F (TYP)

GENERAL STRIPING NOTES:

1. ALL STRIPING SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE CALTRANS STANDARD PLANS (CSP) AND CITY OF UKIAH STANDARDS.
2. ALL LEGENDS, CROSSWALKS, AND MARKINGS SHALL BE THERMOPLASTIC.
3. CONTRACTOR SHALL REMOVE ALL EXISTING STRIPING, MARKINGS, CROSSWALKS, PAVEMENT MARKERS AND DELINEATORS ON SOUTH STATE STREET AND NORTH STATE STREET BETWEEN MILL STREET AND WEST HENRY STREET.
4. ALL PAVEMENT THAT IS TO BE GROUND WILL HAVE STRIPING REPLACED AS SHOWN.
5. CONTRACTOR SHALL INVENTORY ALL PAINTED CURBS BEFORE EXISTING CURBS ARE DEMOLISHED. ALL GREEN, WHITE, RED, AND YELLOW CURB TO BE REMOVED IN THE STUDY AREA SHOULD BE REINSTALLED.

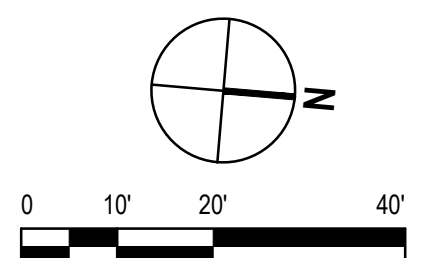
LEGEND:

- TYPE VI(R) ARROW PER CSP A24A
- TYPE I 10'-0" ARROW PER CSP A24A
- TYPE IV(L) ARROW PER CSP A24A
- TYPE VII(R) ARROW PER CSP A24A
- STOP LEGEND PER CSP A24D
- STRIPING PER CALTRANS DETAIL INDICATED ON PLAN. PER A20A TO A20D OF CSP.
- LIMIT OF STRIPING PATTERN.
- CHANGE IN STRIPING PATTERN.
- SEE DETAIL PER P-107



STRIPING PLAN STATE STREET

SCALE: 1" = 20'



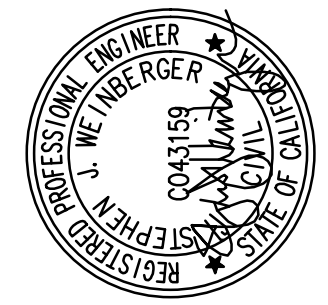
CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT

STRIPING PLAN
STA. 21+00 - STA. 30+00

PROJ NO: 11191705
DRWN: KR CHKD: SW

P-103

SHEET 61 OF 121



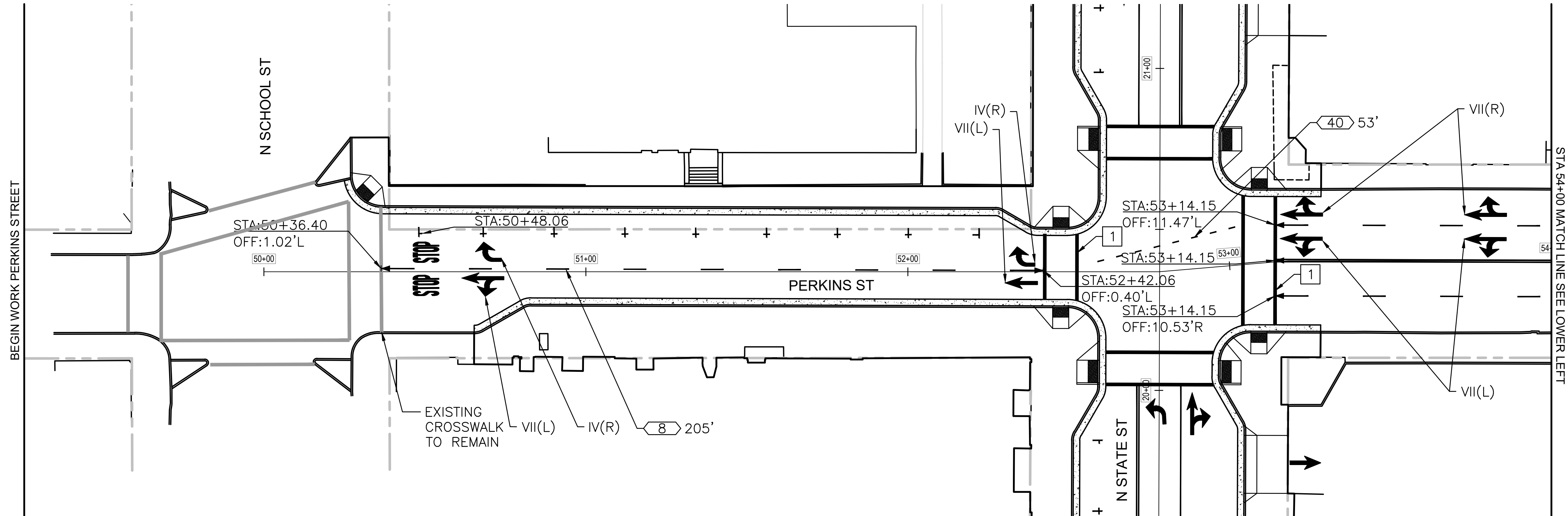
REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	11/12/2019			

GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95407, USA
T: (707) 523-1010 F: (707) 527-8679
W: www.ghd.com

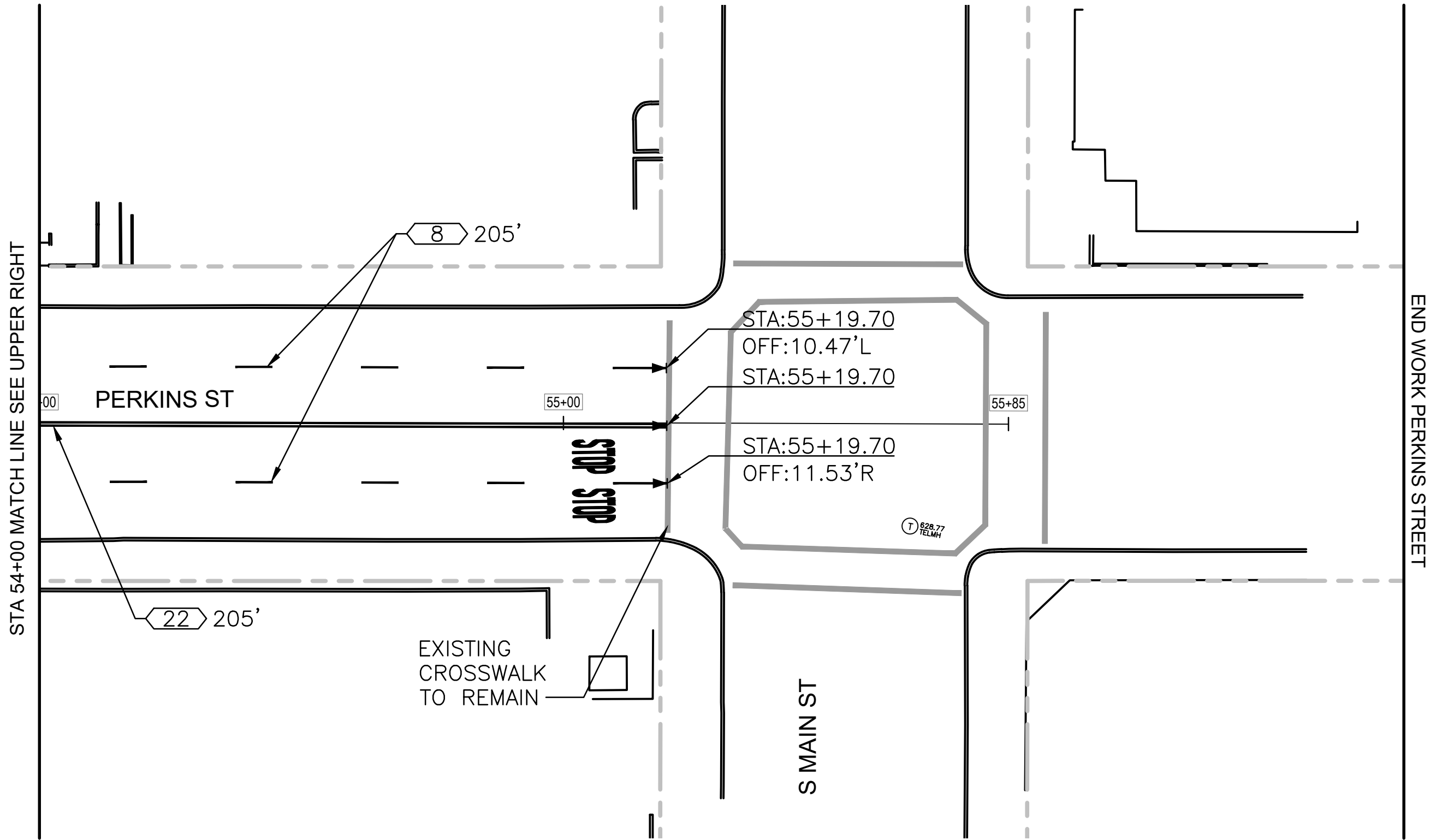
Whitlock & Weinberger
Transportation, Inc.
490 Mendocino Avenue, Suite 201
Santa Rosa, CA 95401
V: (707) 542-9500
Fax: (707) 542-3590

2019-11-11 2:45 PM KRANGEL
N:\AA\ME\UK\080\UK DOWNTOWN STREETSCAPE\ACAD\UK080 - SS PLAN - P.DWG



STRIPING PLAN PERKINS STREET

SCALE: 1" = 20'



STRIPING PLAN PERKINS STREET

SCALE: 1" = 20'

GENERAL STRIPING NOTES:

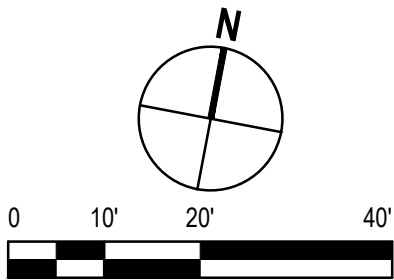
1. ALL STRIPING SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE CALTRANS STANDARD PLANS (CSP) AND CITY OF UKIAH STANDARDS.
2. ALL LEGENDS, CROSSWALKS, AND MARKINGS SHALL BE THERMOPLASTIC.
3. CONTRACTOR SHALL REMOVE ALL EXISTING STRIPING, MARKINGS, CROSSWALKS, PAVEMENT MARKERS AND DELINEATORS ON SOUTH STATE STREET AND NORTH STATE STREET BETWEEN MILL STREET AND WEST HENRY STREET.
4. ALL PAVEMENT THAT IS TO BE GROUND WILL HAVE STRIPING REPLACED AS SHOWN.
5. CONTRACTOR SHALL INVENTORY ALL PAINTED CURBS BEFORE EXISTING CURBS ARE DEMOLISHED. ALL GREEN, WHITE, RED, AND YELLOW CURB TO BE REMOVED IN THE STUDY AREA SHOULD BE REINSTALLED.

SHEET KEYNOTES:

- 1 INSTALL 12" WHITE THERMOPLASTIC CROSSWALK PER CSP A24F (TYP)

LEGEND:

- TYPE I 10'-0" ARROW PER CSP A24A
- TYPE IV(L) ARROW PER CSP A24A
- TYPE VII(R) ARROW PER CSP A24A
- STOP LEGEND PER CSP A24D
- STRIPING PER CALTRANS DETAIL INDICATED ON PLAN. PER A20A TO A20D OF CSP.
- LIMIT OF STRIPING PATTERN.
- SEE DETAIL PER P-107



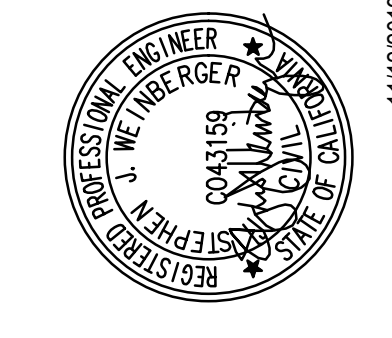
CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
STRIPING PLAN
STA. 50+00 - STA. 55+85

PROJ NO: 11191705
DRWN: KR CHKD: SW

P-104

SHEET 62 OF 121

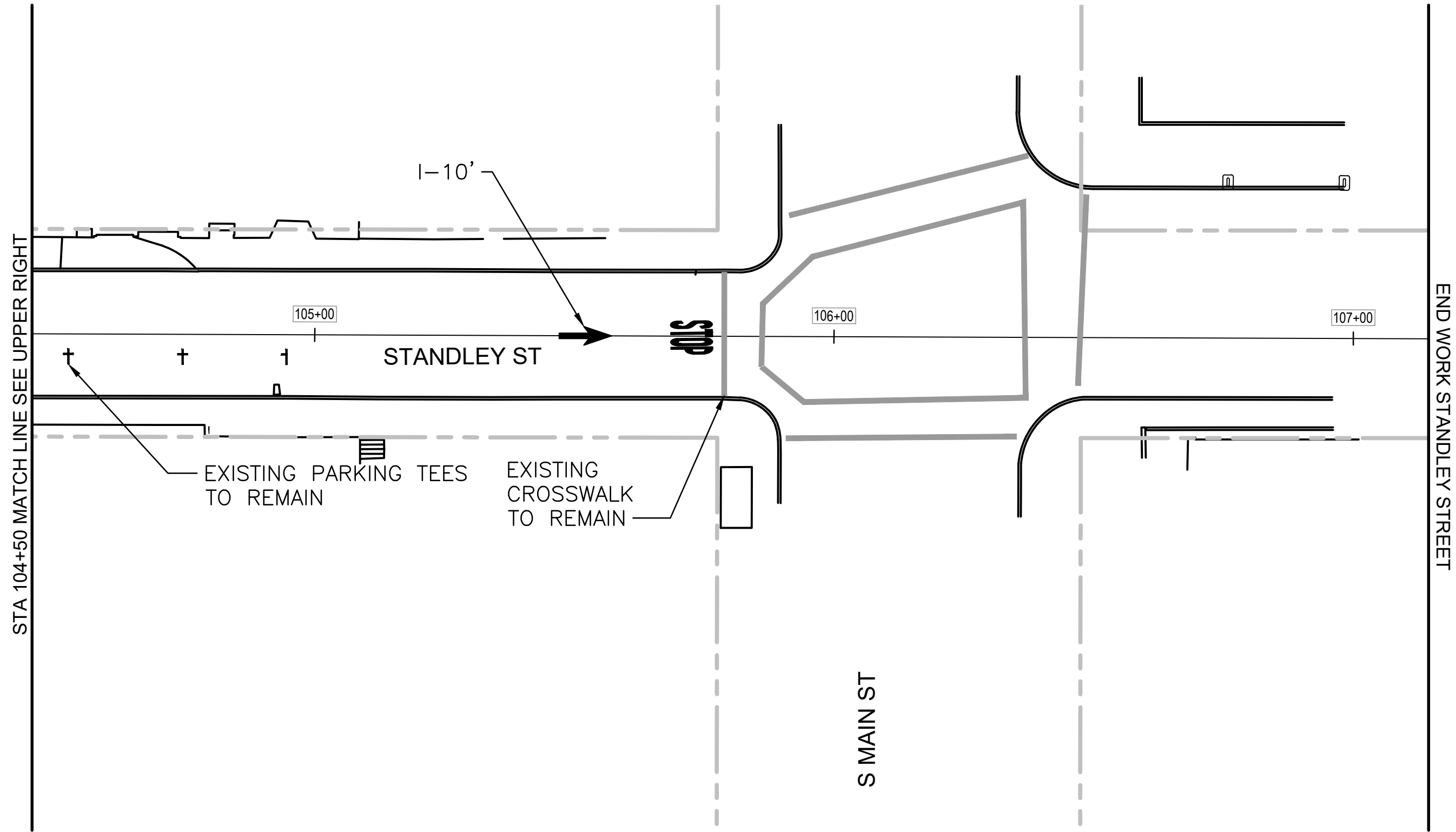
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD



GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95407, USA
T 707 523 1010 F 707 527 8679
W www.ghd.com

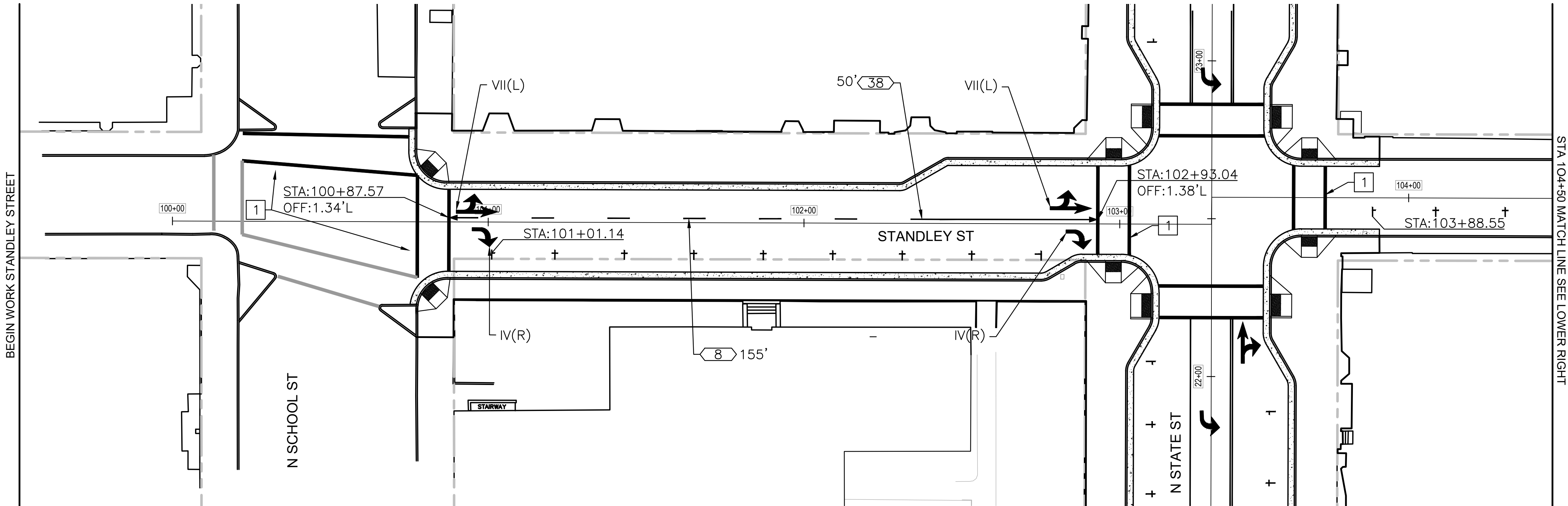
Whitlock & Weinberger
Transportation, Inc.
490 Mendocino Avenue, Suite 201
Santa Rosa, CA 95401
T (707) 542-9500
F (707) 542-3590

2019-11-11 2:45 PM KRANGEL
N:\AA\ME\UK\080\UK DOWNTOWN STREETSCAPE\ACAD\UK080 - SS PLAN - P.DWG



STRIPING PLAN STANDLEY STREET

SCALE: 1" = 20'



STRIPING PLAN STANDLEY STREET

SCALE: 1" = 20'

GENERAL STRIPING NOTES:

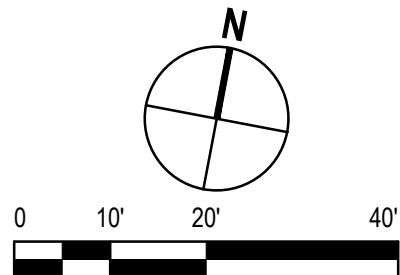
1. ALL STRIPING SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE CALTRANS STANDARD PLANS (CSP) AND CITY OF UKIAH STANDARDS.
2. ALL LEGENDS, CROSSWALKS, AND MARKINGS SHALL BE THERMOPLASTIC.
3. CONTRACTOR SHALL REMOVE ALL EXISTING STRIPING, MARKINGS, CROSSWALKS, PAVEMENT MARKERS AND DELINEATORS ON SOUTH STATE STREET AND NORTH STATE STREET BETWEEN MILL STREET AND WEST HENRY STREET.
4. ALL PAVEMENT THAT IS TO BE GROUND WILL HAVE STRIPING REPLACED AS SHOWN.
5. CONTRACTOR SHALL INVENTORY ALL PAINTED CURBS BEFORE EXISTING CURBS ARE DEMOLISHED. ALL GREEN, WHITE, RED, AND YELLOW CURB TO BE REMOVED IN THE STUDY AREA SHOULD BE REINSTALLED.

SHEET KEYNOTES:

- 1 INSTALL 12" WHITE THERMOPLASTIC CROSSWALK PER CSP A24F (TYP)

LEGEND:

- TYPE I 10'-0" ARROW PER CSP A24A
- TYPE IV(L) ARROW PER CSP A24A
- TYPE VII(R) ARROW PER CSP A24A
- STOP LEGEND PER CSP A24D
- STRIPING PER CALTRANS DETAIL INDICATED ON PLAN. PER A20A TO A20D OF CSP.
- LIMIT OF STRIPING PATTERN.
- SEE DETAIL PER P-107



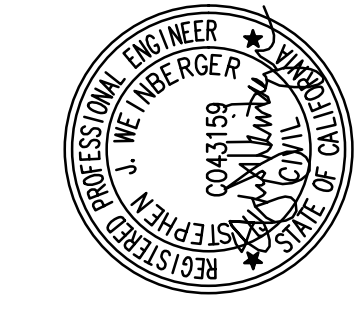
CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT

STRIPING PLAN
STA. 100+00 - STA. 107+00

PROJ NO: 11191705
DRWN: KR CHKD: SW

P-105

SHEET 63 OF 121



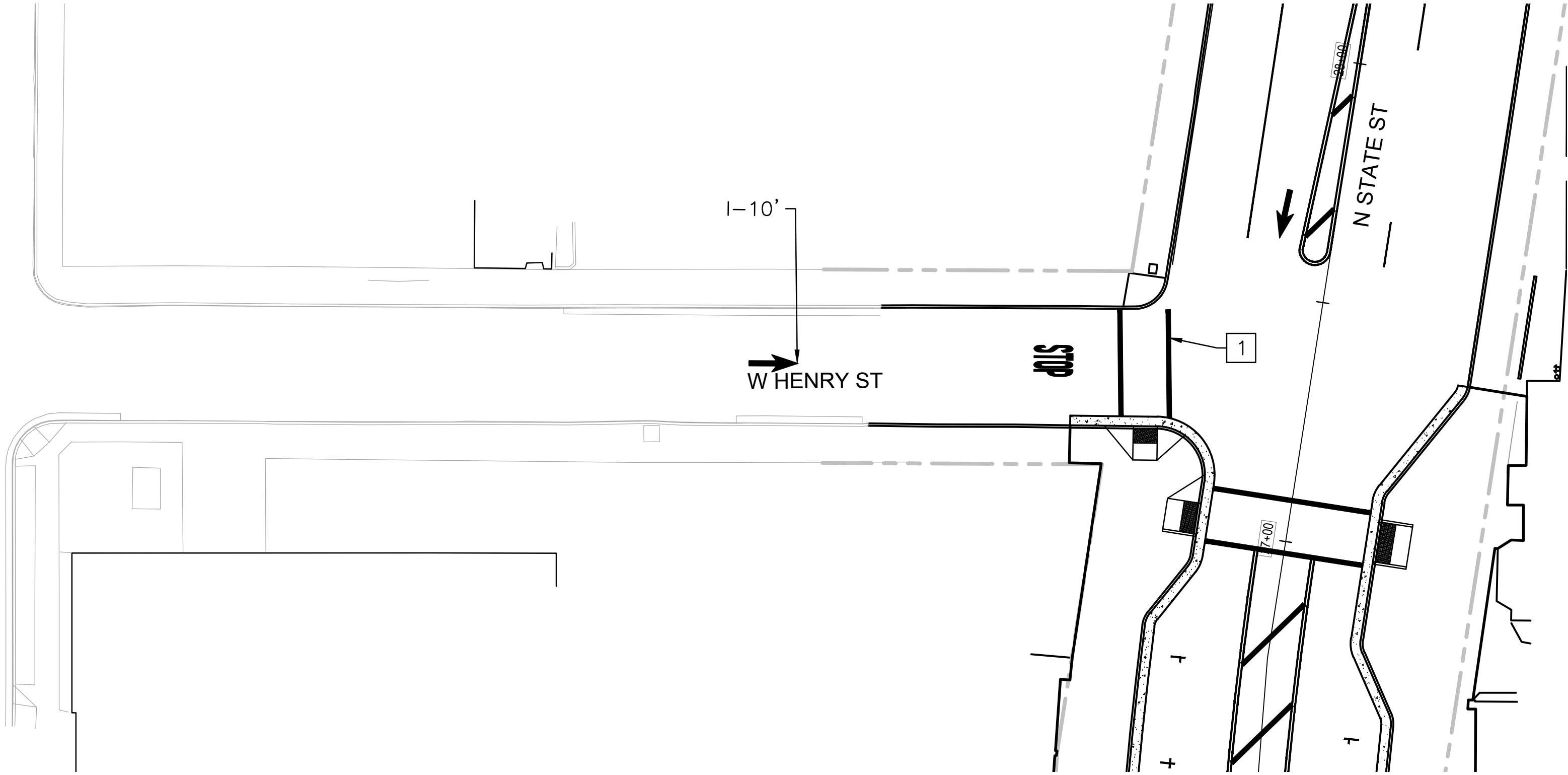
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95407, USA
T 707 523 1010 F 707 527 8679
W www.ghd.com

Whitlock & Weinberger
Transportation, Inc.
490 Mendocino Avenue, Suite 201
Santa Rosa, CA 95401
V (707) 542-9500
Fax (707) 542-3590

11/12/2019

2019-11-11 2:45 PM KRANGEL
N:\AA\ME\UK\080\UK DOWNTOWN STREETSCAPE\ACAD\UK080 - SS PLAN - P.DWG



STRIPING PLAN WEST HENRY STREET

SCALE: 1" = 20'

GENERAL STRIPING NOTES:

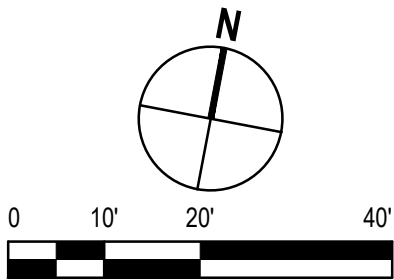
- ALL STRIPING SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE CALTRANS STANDARD PLANS (CSP) AND CITY OF UKIAH STANDARDS.
- ALL LEGENDS, CROSSWALKS, AND MARKINGS SHALL BE THERMOPLASTIC.
- CONTRACTOR SHALL REMOVE ALL EXISTING STRIPING, MARKINGS, CROSSWALKS, PAVEMENT MARKERS AND DELINEATORS ON SOUTH STATE STREET AND NORTH STATE STREET BETWEEN MILL STREET AND WEST HENRY STREET.
- ALL PAVEMENT THAT IS TO BE GROUND WILL HAVE STRIPING REPLACED AS SHOWN.
- CONTRACTOR SHALL INVENTORY ALL PAINTED CURBS BEFORE EXISTING CURBS ARE DEMOLISHED. ALL GREEN, WHITE, RED, AND YELLOW CURB TO BE REMOVED IN THE STUDY AREA SHOULD BE REINSTALLED.

SHEET KEYNOTES:

- 1 INSTALL 12" WHITE THERMOPLASTIC CROSSWALK PER CSP A24F (TYP)

LEGEND:

- TYPE I 10'-0" ARROW PER CSP A24A
- STOP STOP LEGEND PER CSP A24D
- + SEE DETAIL PER P-107



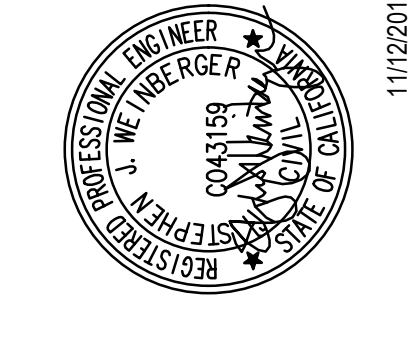
CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT

STRIPING PLAN
STA. 150+00 - STA. 153+25

PROJ NO:	11191705
DRWN: KR	CHKD: SW

P-106

SHEET 64 OF 121



BAR IS ONE INCH ON
ORIGINAL DRAWING

0 1"

RELISE OF DOCUMENTS

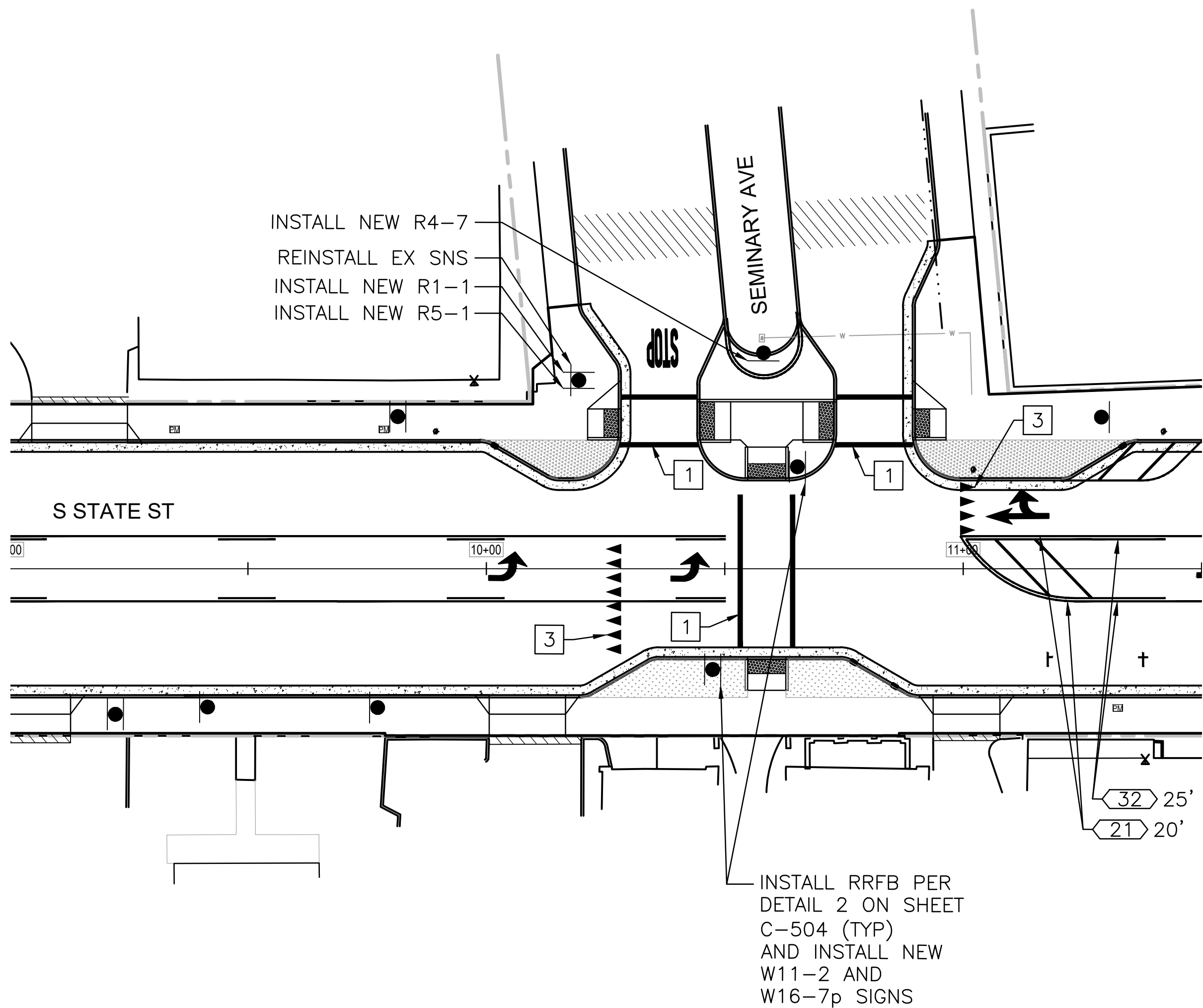
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95407, USA
T 1 707 523 1010 F 1 707 527 8679
W www.ghd.com

Whitlock & Weinberger
Transportation, Inc.
490 Mendocino Avenue, Suite 201
Santa Rosa, CA 95401
T (707) 542-9500
F (707) 542-3990

11/12/2019

2019-11-11 2:45 PM KRANGEL
N:\AA\ME\UK\080UK DOWNTOWN STREETSCAPE\ACAD\UK080 - SS PLAN - P.DWG



STRIPING AND SIGNING PLAN STATE STREET

SCALE: 1" = 20'

GENERAL STRIPING NOTES:

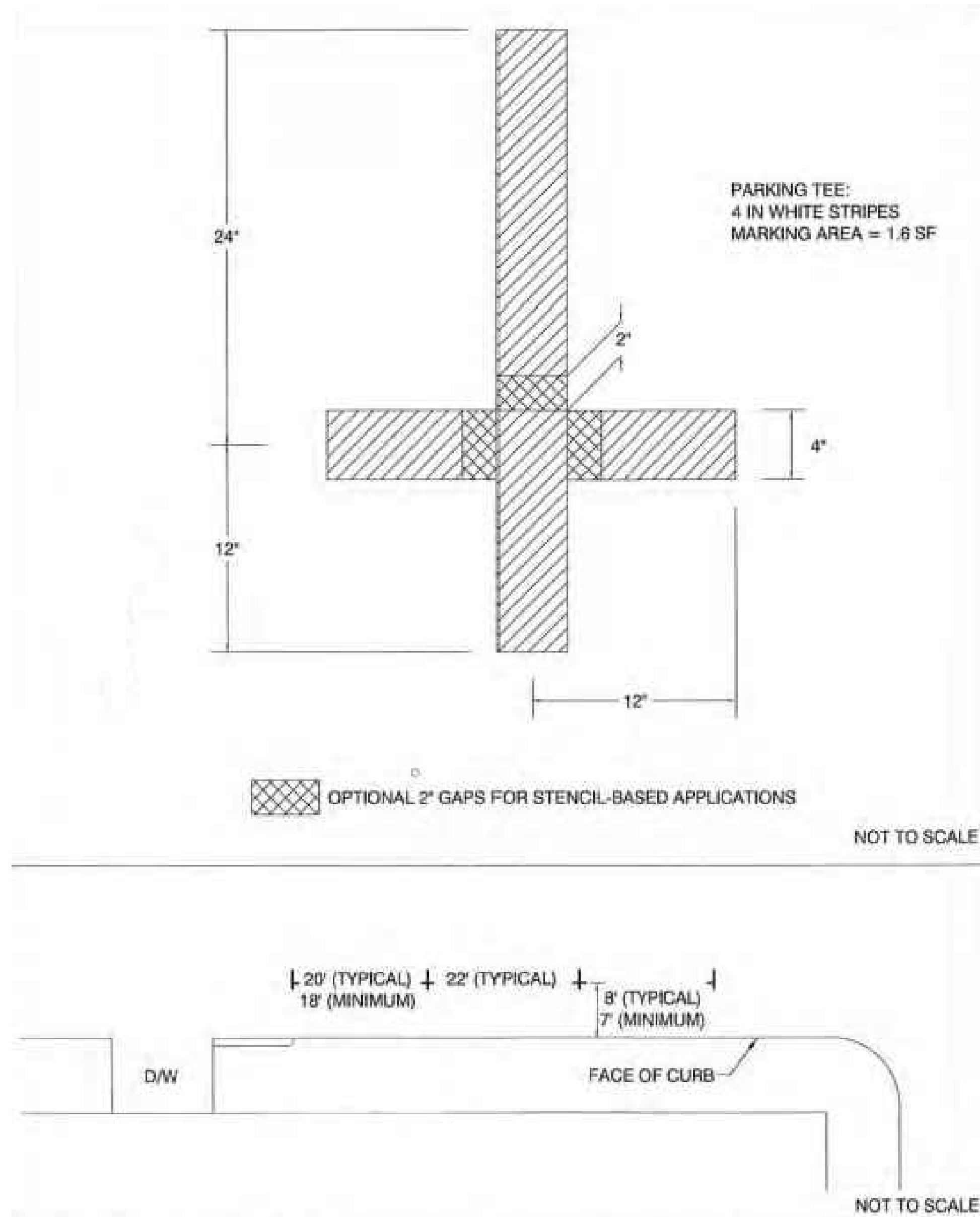
- ALL STRIPING SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE CALTRANS STANDARD PLANS (CSP) AND CITY OF UKIAH STANDARDS.
- ALL LEGENDS, CROSSWALKS, AND MARKINGS SHALL BE THERMOPLASTIC.
- CONTRACTOR SHALL REMOVE ALL EXISTING STRIPING, MARKINGS, CROSSWALKS, PAVEMENT MARKERS AND DELINEATORS ON SOUTH STATE STREET AND NORTH STATE STREET BETWEEN MILL STREET AND WEST HENRY STREET.
- ALL PAVEMENT THAT IS TO BE GROUND WILL HAVE STRIPING REPLACED AS SHOWN.
- ALL GREEN, WHITE, RED, AND YELLOW CURB TO BE REMOVED IN THE STUDY AREA SHOULD BE REINSTALLED.

SHEET KEYNOTES:

- INSTALL 12" WHITE THERMOPLASTIC CROSSWALK PER CSP A24F (TYP)
- INSTALL CONTINENTAL CROSSWALK PER CSP A24F (TYP)
- INSTALL "SHARKS TEETH" YIELD LINES PER CSP A24E (TYP)

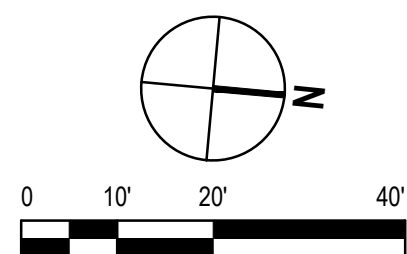
LEGEND:

- TYPE IV(L) ARROW PER CSP A24A
- TYPE VII(R) ARROW PER CSP A24A
- STOP LEGEND PER CSP A24D
- STRIPING PER CALTRANS DETAIL INDICATED ON PLAN. PER A20A TO A20D OF CSP.
- LIMIT OF STRIPING PATTERN.
- CHANGE IN STRIPING PATTERN.



PARKING TEE DETAIL

N.T.S



CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT

STRIPING AND SIGNING PLAN
STA. 9+00 - STA. 11+50

PROJ NO: 11191705
DRWN: CP CHKD: JS

P-107

SHEET 65 OF 121

GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95407, USA
T 707 523 1010 F 707 527 8679
W www.ghd.com

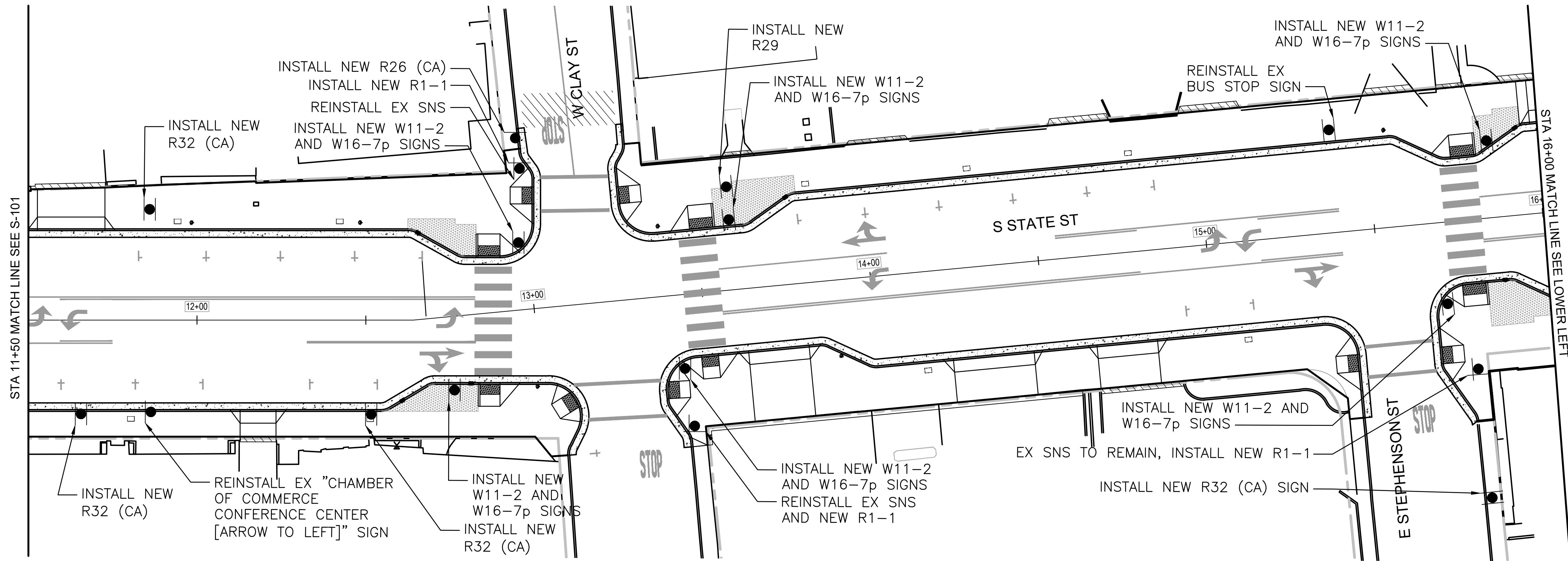
Whitlock & Weinberger
Transportation, Inc.
490 Mendocino Avenue, Suite 201
Santa Rosa, CA 95401
T (707) 542-9500
F (707) 542-3590



REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

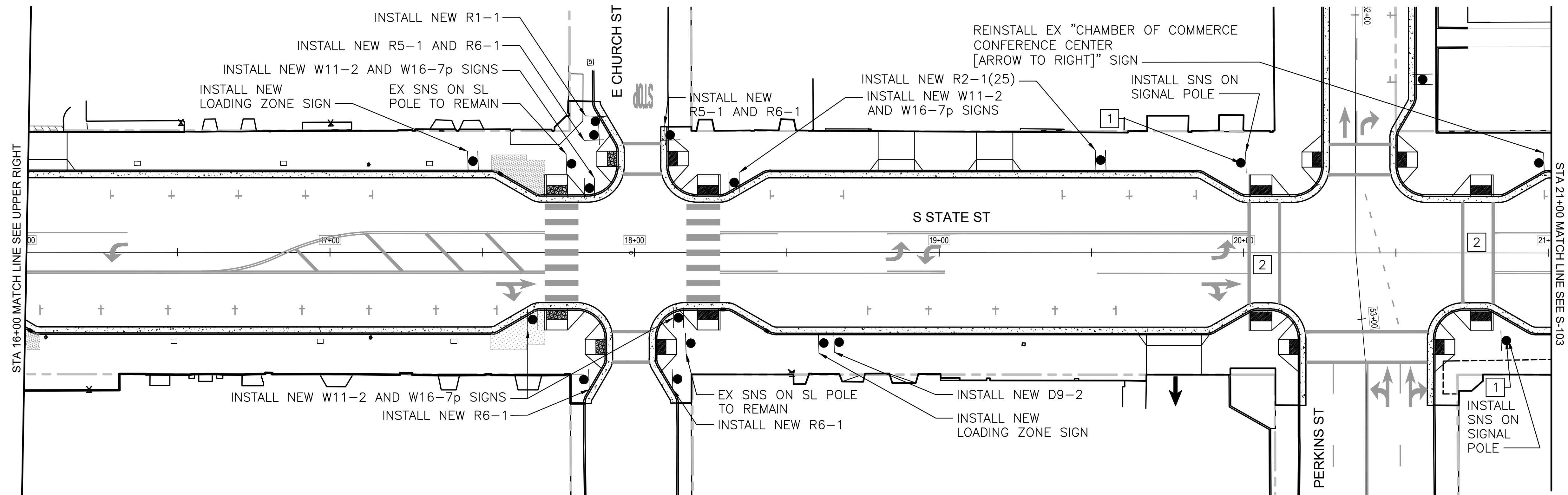
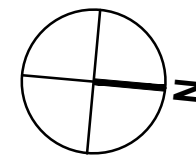
MARK	DATE	BID SET	DESCRIPTION	ISSUE
	11/12/2019			

2019-11-11 2:46 PM, KRANGEL
N:\AAAMEX\KUK\080\UKI DOWNTOWN STREETSCAPE\ACAD\UKI080 - SS PLAN - P.DWG



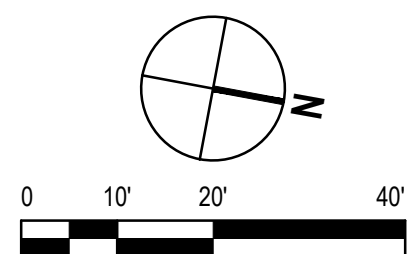
SIGNING PLAN STATE STREET

SCALE: 1" = 20'



SIGNING PLAN STATE STREET

SCALE: 1" = 20'

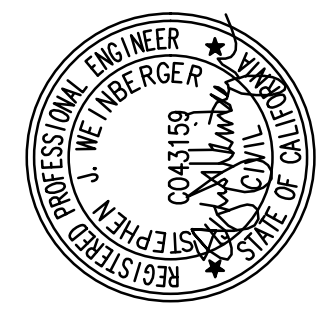
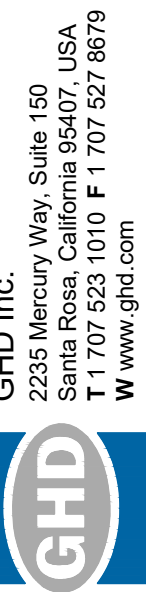


GENERAL SIGNING NOTES:

1. ALL SIGNING SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE CALIFORNIA MUTCD AND CITY OF UKIAH STANDARDS.
2. CONTRACTOR SHALL REMOVE ALL EXISTING SIGNS ON SOUTH STATE STREET AND NORTH STATE STREET BETWEEN MILL STREET AND WEST HENRY STREET UNLESS OTHERWISE INDICATED.
3. ALL EXISTING BUS STOP SIGNS AND SCHEDULE PLACARDS TO BE REMOVED AND REINSTALLED ON NEW METAL POLES PER CITY STANDARD 120 ON C-501.
4. ALL NEW R32 PARKING SIGNS SHALL BE DOUBLE SIDED.

SHEET KEYNOTES:

1. INSTALL NEW G26-2 (CA), M4-5, AND M6-1 ON NORTHEAST AND SOUTHWEST SIGNAL POLES PER TRAFFIC SIGNAL PLAN.
2. INSTALL R10-5, YIELD ON FLASHING YELLOW ARROW, ON SIGNAL POLE



BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	11/12/2019			

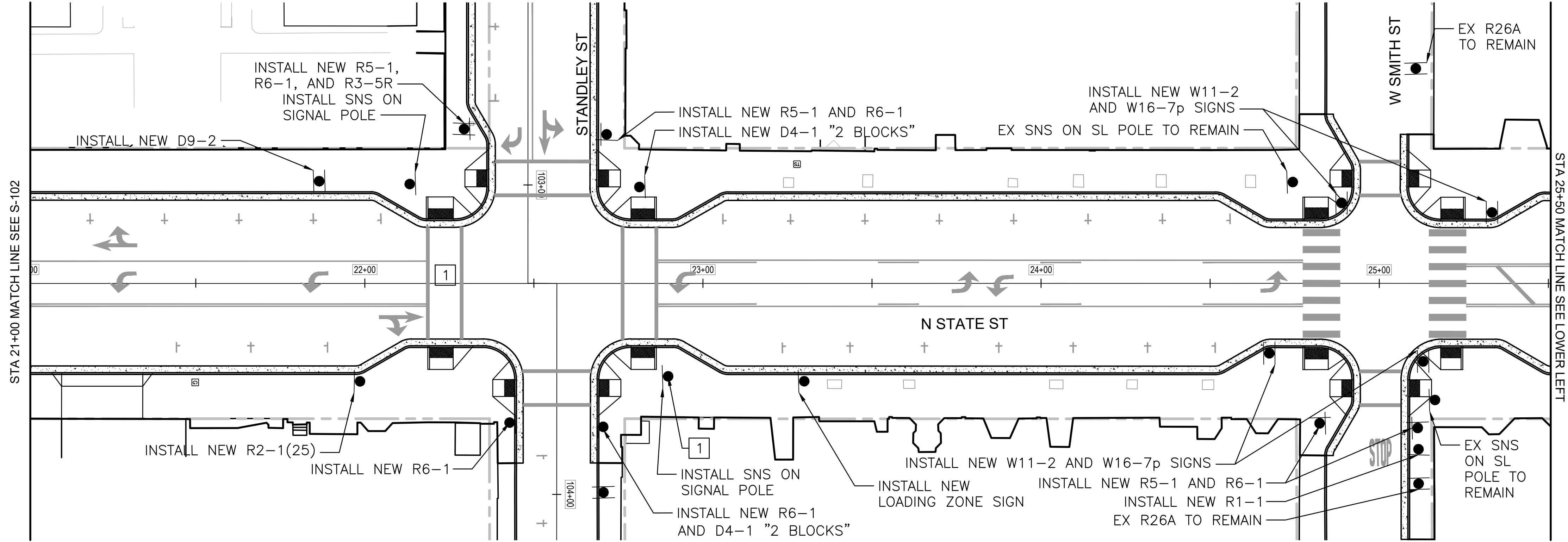
CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
SIGNING PLAN
STA. 11+50 - STA. 21+00

PROJ NO: 11191705
DRWN: KR CHKD: SW

S-102

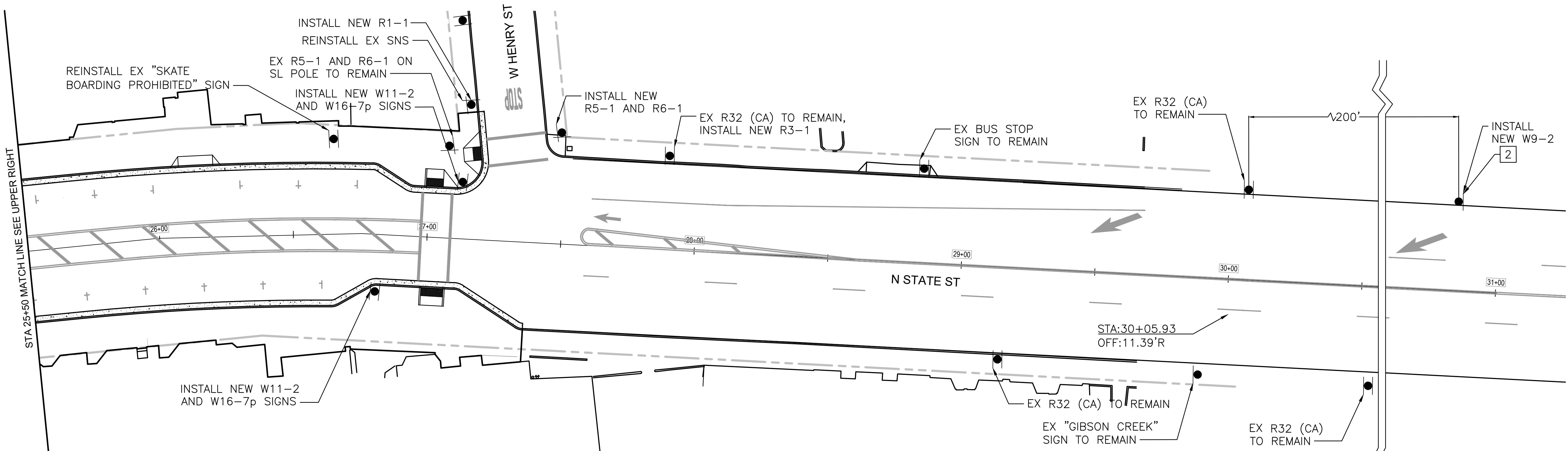
SHEET 67 OF 121

2019-11-11 2:46 PM, KRANGEL
N:\AAAMEX\UK\080\UK DOWNTOWN STREETSCAPE\ACAD\UK080 - SS PLAN - P.DWG



SIGNING PLAN STATE STREET

SCALE: 1" = 20'



SIGNING PLAN STATE STREET

SCALE: 1" = 20'

GENERAL SIGNING NOTES:

1. ALL SIGNING SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE CALIFORNIA MUTCD AND CITY OF UKIAH STANDARDS.
2. CONTRACTOR SHALL REMOVE ALL EXISTING SIGNS ON SOUTH STATE STREET AND NORTH STATE STREET BETWEEN MILL STREET AND WEST HENRY STREET UNLESS OTHERWISE INDICATED.
3. ALL EXISTING BUS STOP SIGNS AND SCHEDULE PLACARDS TO BE REMOVED AND REINSTALLED ON NEW METAL POLES PER CITY STANDARD 120 ON C-501.
4. ALL NEW R32 PARKING SIGNS SHALL BE DOUBLE SIDED.

SHEET KEYNOTES:

1. INSTALL R10-5, YIELD ON FLASHING YELLOW ARROW, ON SIGNAL POLE
2. EXACT LOCATION TO BE DETERMINED BY THE CITY ENGINEER

GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95407, USA
T: (707) 523-1010 F: (707) 527-8679
W: www.ghd.com

Whitlock & Weinberger
Transportation, Inc.
490 Mendocino Avenue, Suite 201
Santa Rosa, CA 95401
V: (707) 542-9500
F: (707) 542-3590

BAR IS ONE INCH ON ORIGINAL DRAWING

0 1" 2"

RELIEF OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	11/12/2019			

CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT

SIGNING PLAN
STA. 21+00 - STA. 30+00

PROJ NO: 11191705

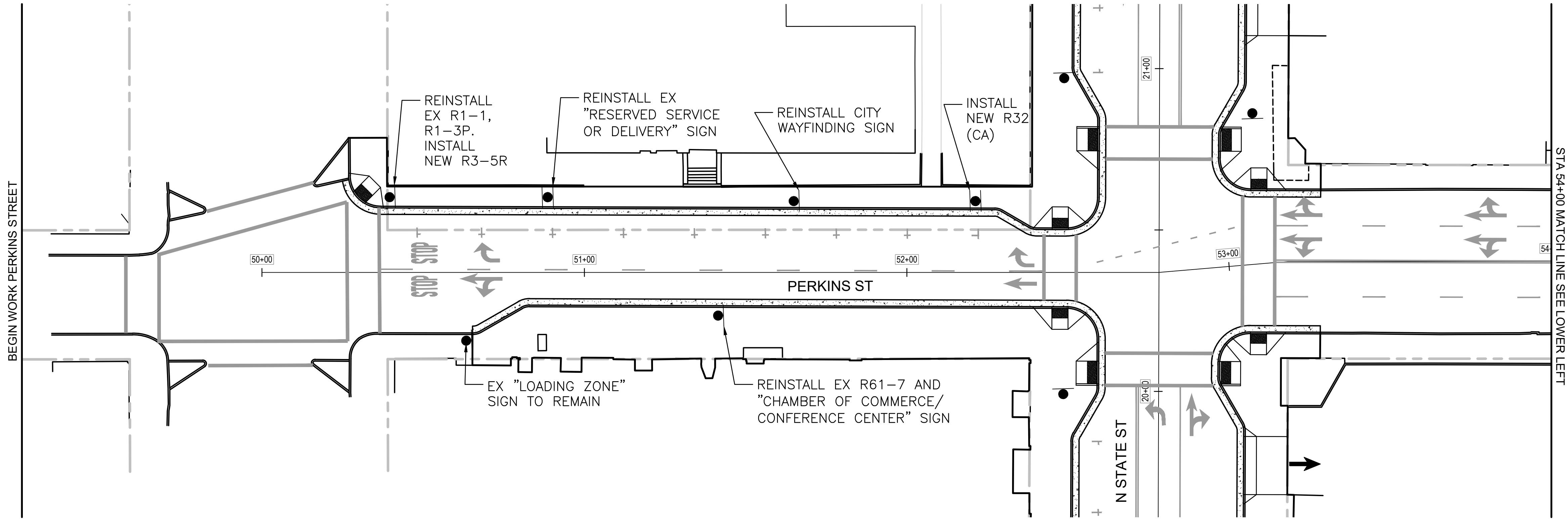
DRWN: KR CHKD: SW

S-103

SHEET 68 OF 121

Page 93 of 691

2019-11-11 2:46 PM, KRANGEL
N:\AA\ME\UK\080\UK DOWNTOWN STREETSCAPE\ACAD\UK\080 - SS PLAN - P.DWG

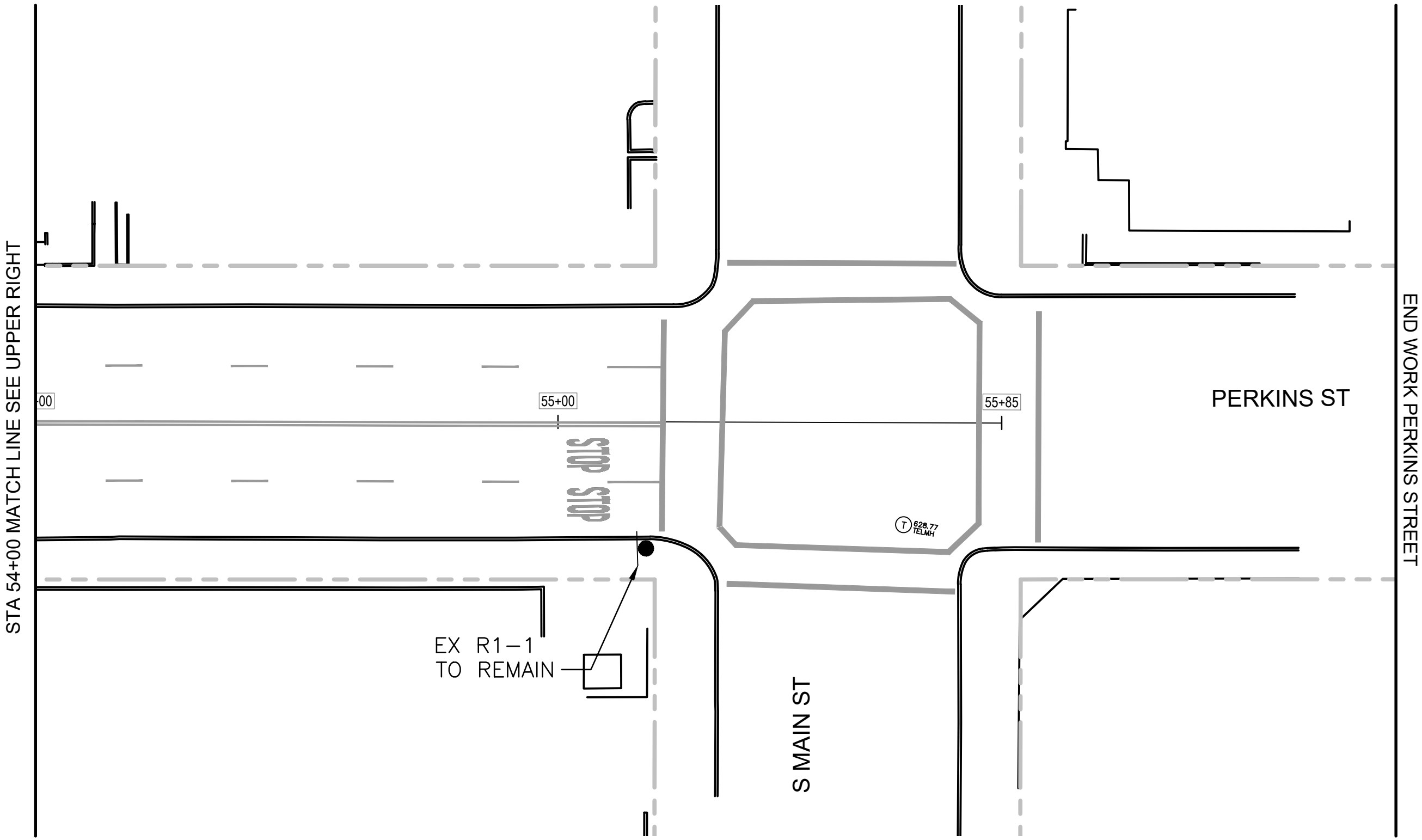


SIGNING PLAN PERKINS STREET

SCALE: 1" = 20'

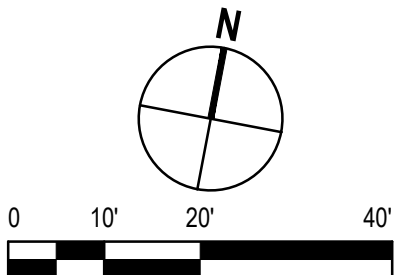
GENERAL SIGNING NOTES:

1. ALL SIGNING SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE CALIFORNIA MUTCD AND CITY OF UKIAH STANDARDS.
2. CONTRACTOR SHALL REMOVE ALL EXISTING SIGNS ON SOUTH STATE STREET AND NORTH STATE STREET BETWEEN MILL STREET AND WEST HENRY STREET UNLESS OTHERWISE INDICATED.
3. ALL EXISTING BUS STOP SIGNS AND SCHEDULE PLACARDS TO BE REMOVED AND REINSTALLED ON NEW METAL POLES PER CITY STANDARD 120 ON C-501.
4. ALL NEW R32 PARKING SIGNS SHALL BE DOUBLE SIDED.



SIGNING PLAN PERKINS STREET

SCALE: 1" = 20'



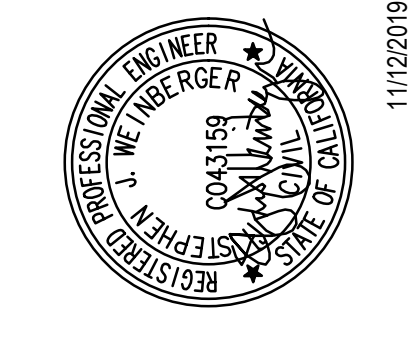
CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
SIGNING PLAN
STA. 50+00 - STA. 55+85

PROJ NO: 11191705
DRWN: KR CHKD: SW

S-104

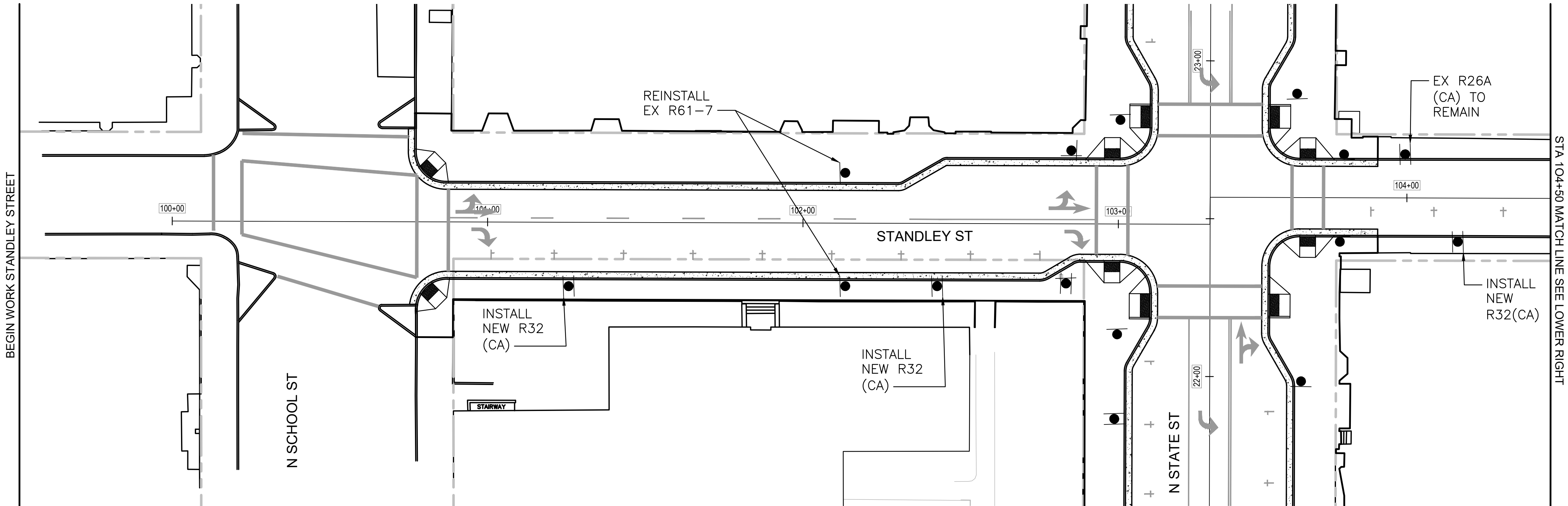
SHEET 69 OF 121

BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"
RELISE OF DOCUMENTS
This document and the ideas and designs
incorporated herein, as an instrument of
professional service, is the property of GHD
and shall not be reused in whole or in part
for any other project without GHD's written
authorization.
© 2019 GHD



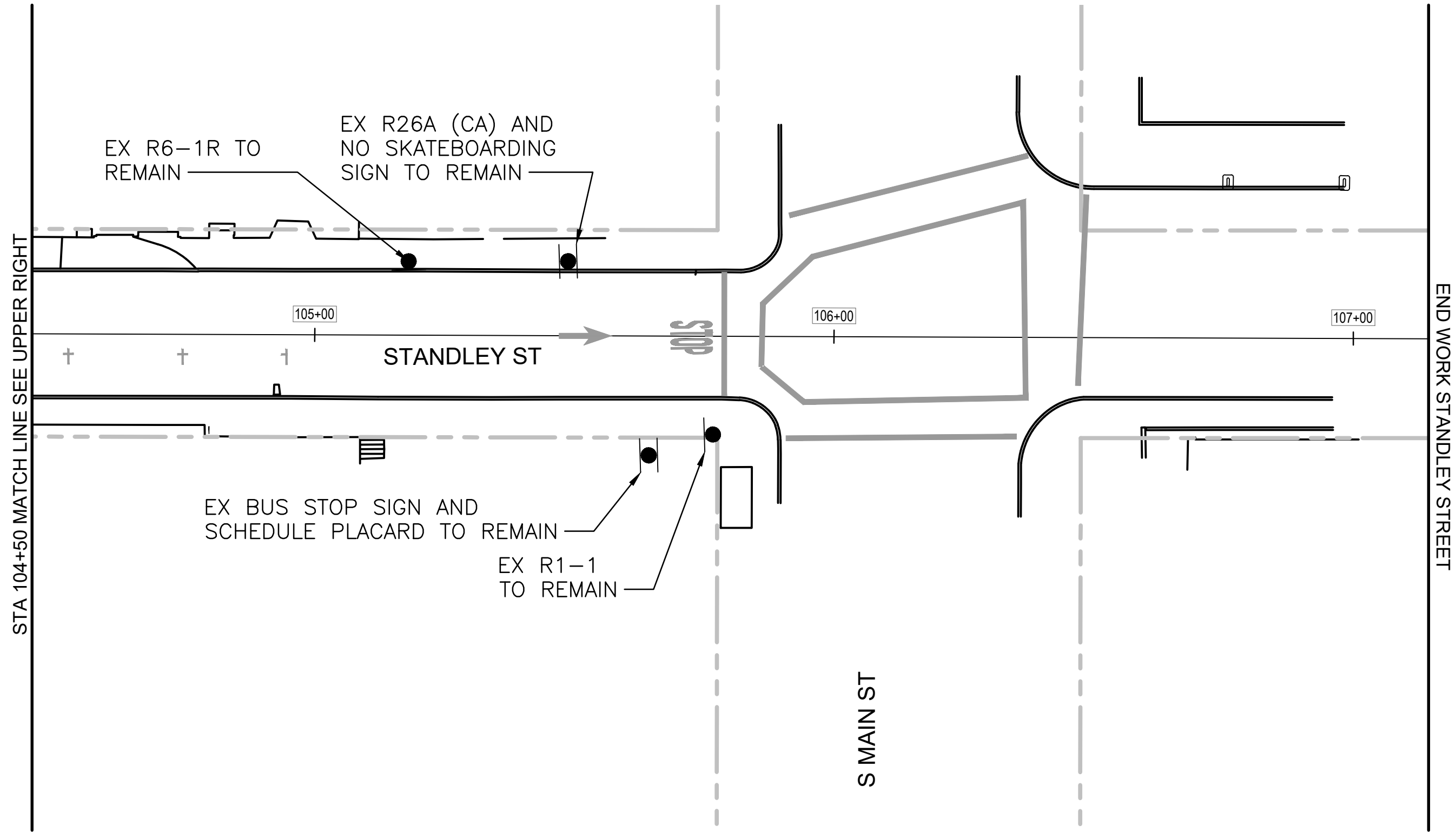
GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95407, USA
T 707 523 1010 F 707 527 8679
W www.ghd.com
Whitlock & Weinberger
Transportation, Inc.
490 Mendocino Avenue, Suite 201
Santa Rosa, CA 95401
T 707 542-9500
F 707 542-3590

2019-11-11 2:46 PM, KRANGEL
N:\AA\ME\UK\080\UK DOWNTOWN STREETSCAPE\ACAD\UK080 - SS PLAN - P.DWG



SIGNING PLAN STANDLEY STREET

SCALE: 1" = 20'

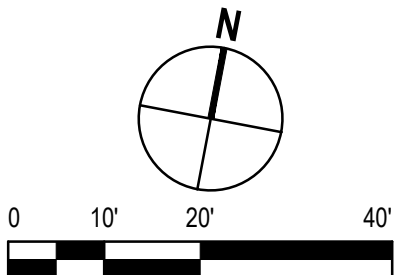


SIGNING PLAN STANDLEY STREET

SCALE: 1" = 20'

GENERAL SIGNING NOTES:

1. ALL SIGNING SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE CALIFORNIA MUTCD AND CITY OF UKIAH STANDARDS.
2. CONTRACTOR SHALL REMOVE ALL EXISTING SIGNS ON SOUTH STATE STREET AND NORTH STATE STREET BETWEEN MILL STREET AND WEST HENRY STREET UNLESS OTHERWISE INDICATED.
3. ALL EXISTING BUS STOP SIGNS AND SCHEDULE PLACARDS TO BE REMOVED AND REINSTALLED ON NEW METAL POLES PER CITY STANDARD 120 ON C-501.
4. ALL NEW R32 PARKING SIGNS SHALL BE DOUBLE SIDED.



CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT

SIGNING PLAN
STA. 100+00 - STA. 107+00

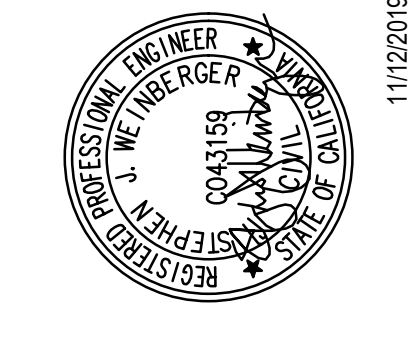
PROJ NO: 11191705

DRWN: KR CHKD: SW

S-105

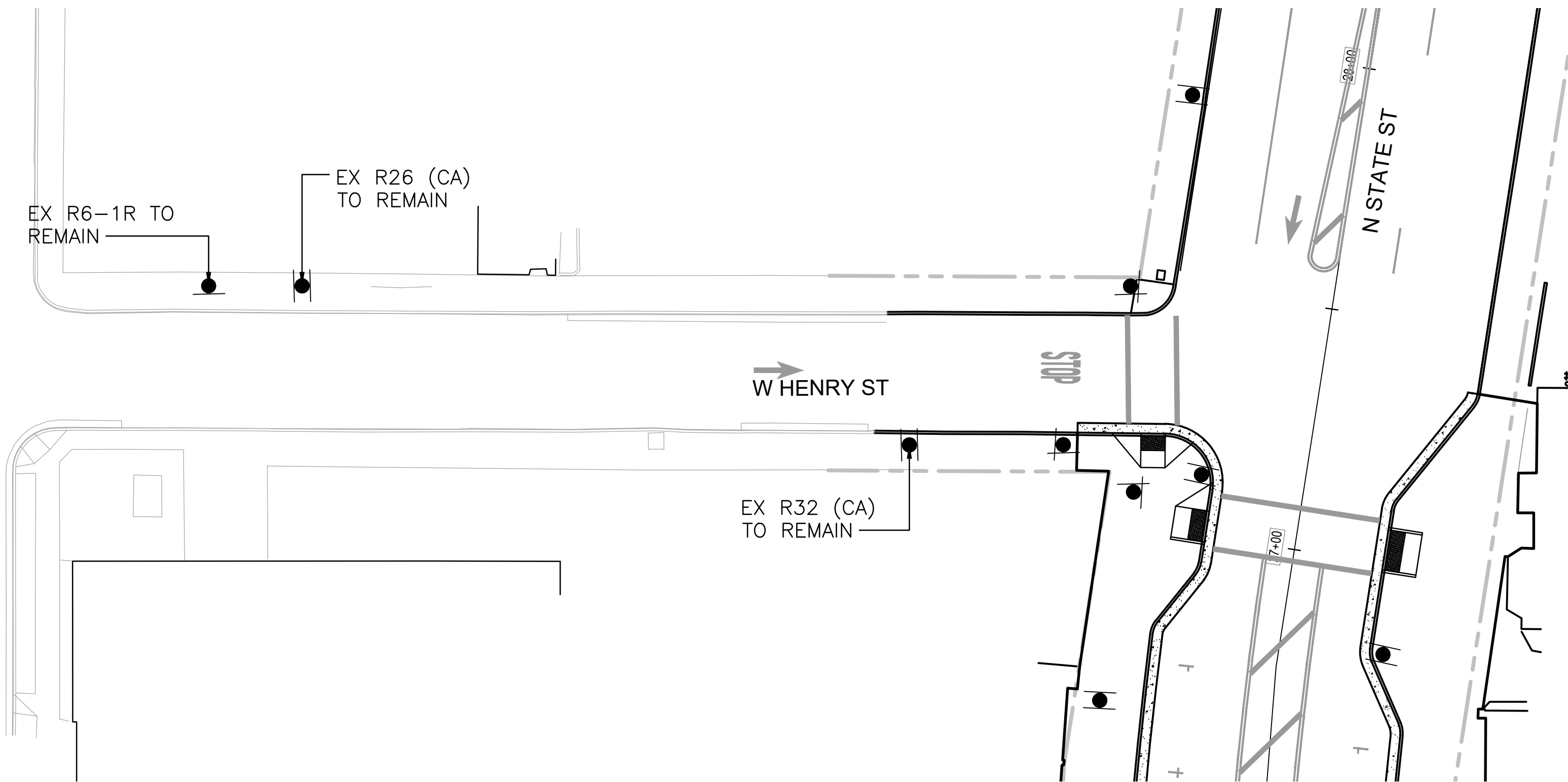
SHEET 70 OF 121

REUSE OF DOCUMENTS		BAR IS ONE INCH ON ORIGINAL DRAWING	
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.		0 1"	
MARK	DATE	BID SET	DESCRIPTION
	11/12/2019		ISSUE



GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95407, USA
T 707 523 1010 F 707 527 8679
W www.ghd.com

Whitlock & Weinberger
Transportation, Inc.
490 Mendocino Avenue, Suite 201
Santa Rosa, CA 95401
V (707) 542-9500
Fax (707) 542-3590

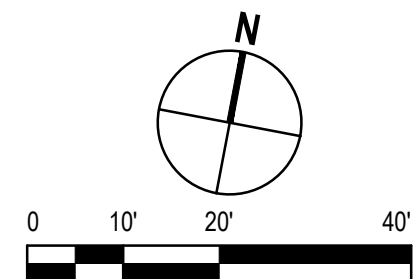


SIGNING PLAN WEST HENRY STREET

SCALE: 1" = 20'

GENERAL SIGNING NOTES:

1. ALL SIGNING SHALL BE IN CONFORMANCE WITH THE LATEST EDITION OF THE CALIFORNIA MUTCD AND CITY OF UKIAH STANDARDS.
2. CONTRACTOR SHALL REMOVE ALL EXISTING SIGNS ON SOUTH STATE STREET AND NORTH STATE STREET BETWEEN MILL STREET AND WEST HENRY STREET UNLESS OTHERWISE INDICATED.
3. ALL EXISTING BUS STOP SIGNS AND SCHEDULE PLACARDS TO BE REMOVED AND REINSTALLED ON NEW METAL POLES PER CITY STANDARD 120 ON C-501.
4. ALL NEW R32 PARKING SIGNS SHALL BE DOUBLE SIDED.



CITY OF UKIAH DOWNTOWN STREETSCAPE AND ROAD DIET PROJECT		SIGNING PLAN STA. 150+00 - STA. 153+25	
PRQJ. NO: 11191705		11/12/2019	
DRWN: KR		CHKD: SW	
S-106			
SHEET 71		OF 121	

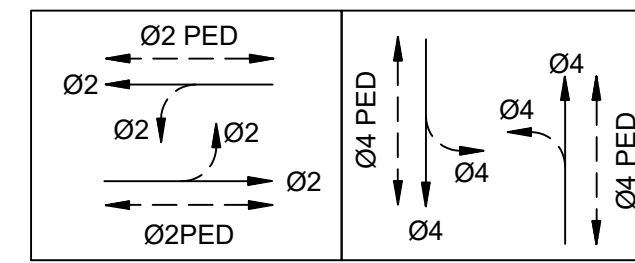
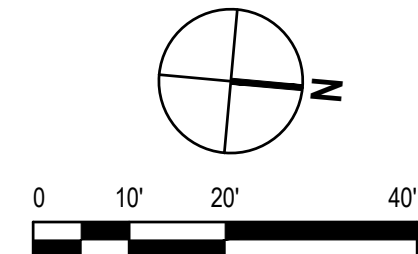
1. ALL PULL BOXES SHALL BE No.5 UNLESS NOTED ON PLAN.
2. POLES, PULL BOXES AND DETECTOR POSITIONS SHALL BE VERIFIED BY THE ENGINEER PRIOR TO INSTALLATION.
3. LOOP DETECTORS SHALL BE CENTERED IN EFFECTIVE LANE WIDTHS UNLESS OTHERWISE NOTED ON THE PLAN OR DIRECTED BY THE ENGINEER.
4. THE WORK ON THESE PLANS SHALL BE PERFORMED IN CONFORMANCE WITH THE LATEST EDITIONS OF THE CALTRANS STANDARD PLANS, STANDARD SPECIFICATIONS, SIGN SPECIFICATION SHEETS, CITY CONSTRUCTION STANDARDS, AND THE CALIFORNIA MUTCD.
5. THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.
6. CONTRACTOR SHALL VERIFY OVERHEAD AND UNDERGROUND CLEARANCE WITH ALL UTILITY COMPANIES PRIOR TO START OF WORK.
7. PULL BOXES FOR SIGNAL STANDARDS SHALL BE LOCATED WITHIN FIVE FEET OF THE STANDARD.
8. ALL SIGNALS SHALL HAVE 12-INCH LED INDICATIONS, WITH TUNNEL VISORS AND BACKPLATES.
9. CONTRACTOR SHALL FURNISH AND INSTALL FOUNDATIONS AND ALL ANCILLARY HARDWARE (INCLUDING BOLTS, NUTS, MOUNTINGS, ETC.) FOR A COMPLETE SIGNAL INSTALLATION PER THESE PLANS.
10. RECORD DRAWINGS SHALL BE PROVIDED TO THE CITY OF UKIAH AT THE CLOSE OF THE PROJECT.
11. CONTRACTOR SHALL DELIVER ALL SALVAGED SIGNAL EQUIPMENT TO THE CITY OF UKIAH PUBLIC WORKS CORPORATION YARD AT 1320 AIRPORT ROAD. CONTACT (707) 463-6296 TO ARRANGE DELIVERY.
12. CONTRACTOR SHALL PAINT ALL POLE, SIGNAL HOUSINGS, VISORS AND BACK PLATES.

- 1 ALL EXISTING PEDESTRIAN SIGNALS SHALL BE REPLACED. ALL PEDESTRIAN SIGNALS SHALL BE LED WITH COUNTDOWN HAND-MAN INDICATIONS.
- 2 ALL EXISTING PEDESTRIAN PUSH BUTTONS SHALL BE REPLACED. ALL PEDESTRIAN PUSH BUTTONS SHALL BE POLARA NAVIGATOR, OR APPROVED EQUAL.
- 3 FURNISH AND INSTALL VIDEO DETECTION CAMERA ON SIGNAL POLE. COORDINATE DETECTION ZONES WITH ENGINEER.
- 4 REMOVE AND SALVAGE POLE AND EQUIPMENT. FOUNDATION TO BE ABANDONED.

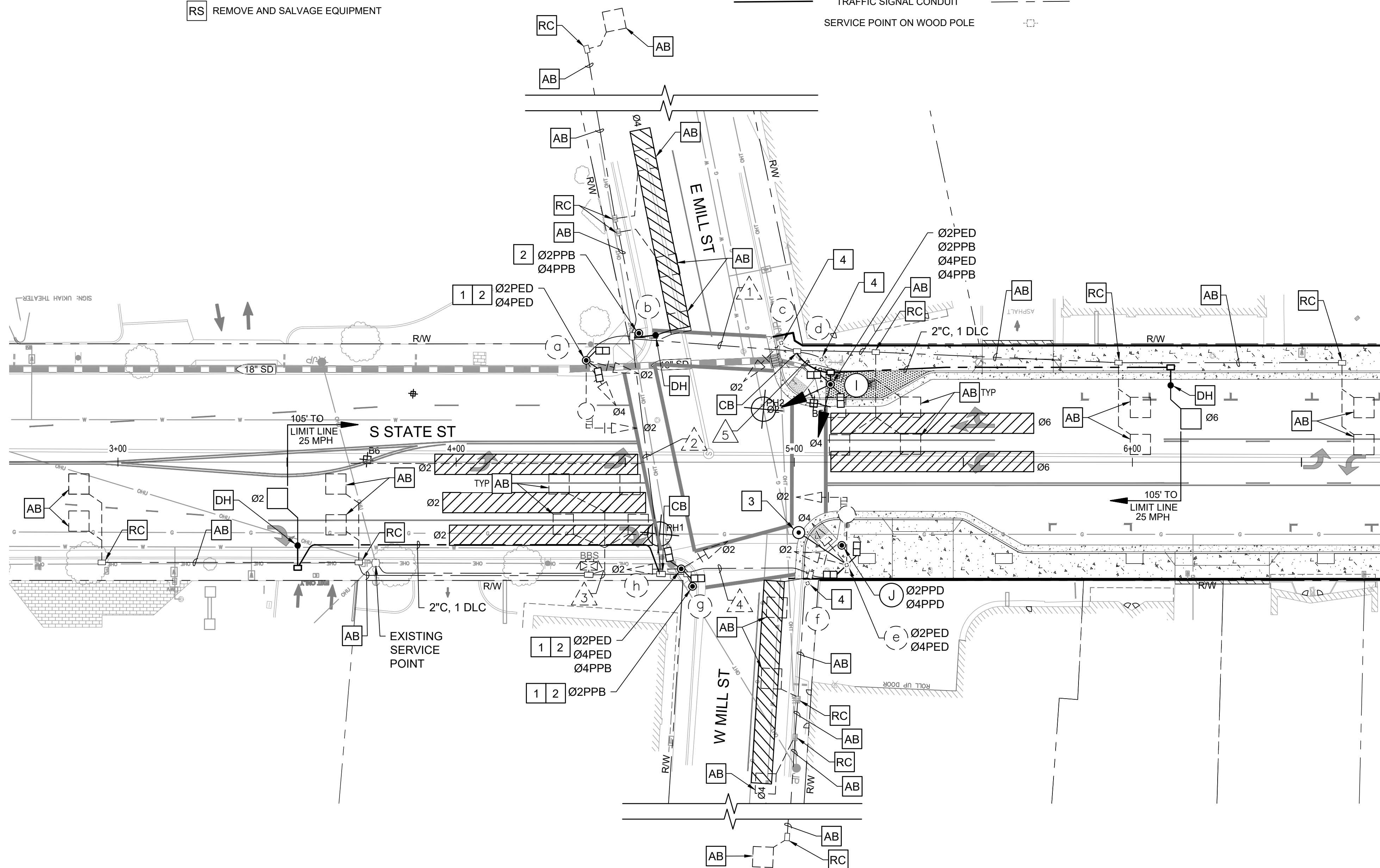
DH	DETECTOR HANDHOLE
CB	INSTALL CONDUIT INTO EXISTING PULL BOX
AB	ABANDON, IF APPLIED TO CONDUIT, REMOVE CONDUCTORS
FA	FOUNDATION TO BE ABANDONED
RC	EQUIPMENT OR MATERIAL TO BE REMOVED AND BECOME THE PROPERTY OF THE CONTRACTOR
RS	REMOVE AND SALVAGE EQUIPMENT

NEW		EXISTING
	SIGNAL EQUIPMENT	
	STREET LIGHT	
	ROAD SIGN	
	CONTROLLER ASSEMBLY	
	PEDESTRIAN HEAD	
	SERVICE ENCLOSURE	
	POLE AND PEDESTRIAN PUSH BUTTON	
	PULL BOX	
	TYPE "A" DETECTOR LOOP	
	GRIDSMART DETECTION CAMERA SYSTEM	
	VIDEO DETECTION ZONE (SUGGESTED)	
	TRAFFIC SIGNAL CONDUIT	
	SERVICE POINT ON WOOD POLE	

BBS BATTERY BACKUP SYSTEM
PED PEDESTRIAN SIGNAL HEAD
PPB PEDESTRIAN PUSH BUTTON



PHASE DIAGRAM



SCALE: 1" = 20'

NOTE: LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM THE BEST INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT (800) 227-2600 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION AND POTHOLE FOR EXACT LOCATION.

CITY OF UKIAH
DOWNTOWN STREETScape AND
ROAD DIET PROJECT

TRAFFIC SIGNAL PLAN
STATE STREET AT MILL STREET

PROJ NO: 11191705

DRWN: EM	CHKD: JS
----------	----------

T-101

SHEET 72 OF 121

2019-11-11 3:28 PM KHARVEY
US:SANTA ROSA\PROJECTS\56\11191705\DIGITAL DESIGN\CAD 2018\SHEETS\CIVIL\11191705 T-101.DWG

CONDUCTOR SCHEDULE						
AWG OR CABLE	CIRCUIT	RUNS				
						
#14	Ø2 SIGNALS	3	3	6	3	3
	Ø4 SIGNALS	3	3	6	3	3
	Ø2 PED	2	2	4	2	2
	Ø4 PED	2	2	4	2	2
	Ø2 PPB	3	3	6	3	3
	Ø4 PPB	3	3	6	3	3
	12 V NEUTRAL	1	1	2	1	1
	SPARES	3	3	3	3	3
TOTAL #14 CONDUCTORS		20	20	37	20	20
#10						
	LUMINAIRES		2		2	
	120 V NEUTRAL	1	1	2	1	
	TOTAL #10 CONDUCTORS	1	3	2	3	
#8	SIGNAL SERVICE			3		
SIC	INTERCONNECT			2		
DLC						
	Ø2 DETECTORS	2	2	2	1	1
	Ø4 DETECTORS		4	2	4	
	Ø6 DETECTORS	1	1	1		1
	TOTAL	2	7	4	4	2
CONDUIT SIZE		2"	2-1/2"	3"	2"	2"

NOTE:

XXX LIGHT TEXT INDICATES EXISTING
 XXX BOLD TEXT INDICATES PROPOSED
 — CONDUCTORS AND/OR CABLES TO BE REMOVED (TYPICAL)

EQUIPMENT AND POLE SCHEDULE									
NO.	STANDARD			VEHICLE SIGNAL MOUNTING		PED. SIGNAL MOUNTING	PPB Ø	LUMINAIRE WATTAGE (HPS)	SPECIAL REQUIREMENTS *
	TYPE	SIG. MA (FEET)	LUM. MA (FEET)	MAST ARM	POLE				
(a)	XVII-A	20	12	MAT	SV-1 SV-1	SP02	—	—	INSTALL SNS AND MOUNTING ON SIGNAL POLE, BELOW MAST ARM.
(b)	PPB POST	—	—	—	—	—	4 6	—	
(c)	1-A	—	—	—	TV-2	SP-2	6	—	[RS] POLE AND EQUIPMENT. [FA] FOUNDATION.
(d)	1-A (7')	—	—	—	—	TP-1	8	—	[RS] POLE AND EQUIPMENT. [FA] FOUNDATION.
(e)	XVII-A	20	12	MAT	SV-1 SV-1	—	—	200 W	[RS] POLE AND EQUIPMENT. [FA] FOUNDATION. INSTALL SNS AND MOUNTING ON SIGNAL POLE, BELOW MAST ARM. INSTALL PEDESTRIAN PUSH BUTTON.
(f)	1-A (7')	—	—	—	SV-1	SP-1	—	—	[RS] POLE AND EQUIPMENT, [FA] FOUNDATION.
(g)	PPB POST	—	—	—	—	—	2	—	
(h)	1-A	—	—	—	TV-2-T	SV-1 SV-1	4	—	
(I)	1-A	—	—	—	TV-2-T	SP-2-T	6 8	—	
(H)	1-A (7')	—	—	—	—	SP-2-T	2 8	—	

NOTE:

XXX LIGHT TEXT INDICATES EXISTING
XXX BOLD TEXT INDICATES PROPOSED

NOTE: LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM THE BEST INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT (800) 227-2600 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION AND POTHOLE FOR EXACT LOCATION.

CITY OF UKIAH DOWNTOWN STREETSCAPE AND ROAD DIET PROJECT		T-102	
PROJ NO: 11191705		SHEET 73 OF 121	
DRWN: EM		CHKD: JS	
TRAFFIC SIGNAL PLAN STATE STREET AT MILL STREET		MARK DATE 11/12/2019 BID SET DESCRIPTION ISSUE	
REUSE OF DOCUMENTS This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization. © 2019 GHD		11/12/2019	
BAR IS ONE INCH ON ORIGINAL DRAWING 0 1"		11/12/2019	
GHD Inc. 2235 Mercury Way, Suite 150 Santa Rosa, California 95407, USA T 1 707 523 1010 F 1 707 527 8879 W www.ghd.com		11/12/2019	

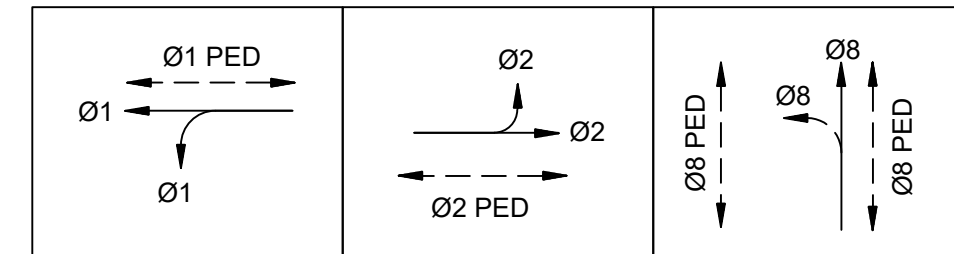
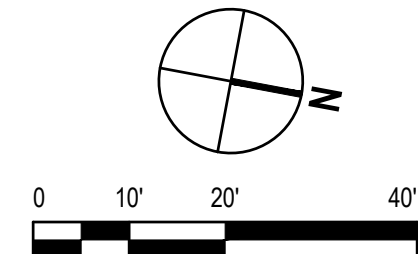
1. ALL PULL BOXES SHALL BE No.5 UNLESS NOTED ON PLAN.
2. POLES, PULL BOXES AND DETECTOR POSITIONS SHALL BE VERIFIED BY THE ENGINEER PRIOR TO INSTALLATION.
3. LOOP DETECTORS SHALL BE CENTERED IN EFFECTIVE LANE WIDTHS UNLESS OTHERWISE NOTED ON THE PLAN OR DIRECTED BY THE ENGINEER.
4. THE WORK ON THESE PLANS SHALL BE PERFORMED IN CONFORMANCE WITH THE LATEST EDITIONS OF THE CALTRANS STANDARD PLANS, STANDARD SPECIFICATIONS, SIGN SPECIFICATION SHEETS, CITY CONSTRUCTION STANDARDS, AND THE CALIFORNIA MUTCD.
5. THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.
6. CONTRACTOR SHALL VERIFY OVERHEAD AND UNDERGROUND CLEARANCE WITH ALL UTILITY COMPANIES PRIOR TO START OF WORK.
7. PULL BOXES FOR SIGNAL STANDARDS SHALL BE LOCATED WITHIN FIVE FEET OF THE STANDARD.
8. ALL SIGNALS SHALL HAVE 12-INCH LED INDICATIONS, WITH TUNNEL VISORS AND BACKPLATES.
9. CONTRACTOR SHALL FURNISH AND INSTALL FOUNDATIONS AND ALL ANCILLARY HARDWARE (INCLUDING BOLTS, NUTS, MOUNTINGS, ETC.) FOR A COMPLETE SIGNAL INSTALLATION PER THESE PLANS.
10. RECORD DRAWINGS SHALL BE PROVIDED TO THE CITY OF UKIAH AT THE CLOSE OF THE PROJECT.
11. CONTRACTOR SHALL DELIVER ALL SALVAGED SIGNAL EQUIPMENT TO THE CITY OF UKIAH PUBLIC WORKS CORPORATION YARD AT 1320 AIRPORT ROAD. CONTACT (707) 463-6296 TO ARRANGE DELIVERY.
12. CONTRACTOR SHALL PAINT ALL POLE, SIGNAL HOUSINGS, VISORS AND BACK PLATES.

- 1 ALL EXISTING PEDESTRIAN SIGNALS SHALL BE REPLACED. ALL PEDESTRIAN SIGNALS SHALL BE LED WITH COUNTDOWN HAND-MAN INDICATIONS.
- 2 ALL EXISTING PEDESTRIAN PUSH BUTTONS SHALL BE REPLACED. ALL PEDESTRIAN PUSH BUTTONS SHALL BE POLARA NAVIGATOR, OR APPROVED EQUAL.
- 3 FURNISH AND INSTALL 4-SECTION SIGNAL HEAD. SEE DETAIL A THIS SHEET.
- 4 FURNISH AND INSTALL VIDEO DETECTION CAMERA ON SIGNAL POLE. COORDINATE DETECTION ZONES WITH ENGINEER.
- 5 INSTALL TYPE "A" DETECTOR .
- 6 FURNISH AND INSTALL 2-2" CONDUITS BETWEEN 2 NEW #5 PULL BOXES SET IN FRONT OF CONTROLLER CABINETS AT STATE ST AT PERKINS ST. AND STATE ST AT STANDLEY ST. ADD ROPE TO EMPTY CONDUITS.

DH	DETECTOR HANDHOLE
CB	INSTALL CONDUIT INTO EXISTING PULL BOX
AB	ABANDON, IF APPLIED TO CONDUIT, REMOVE CONDUCTORS
FA	FOUNDATION TO BE ABANDONED
RC	EQUIPMENT OR MATERIAL TO BE REMOVED AND BECOME THE PROPERTY OF THE CONTRACTOR
RS	REMOVE AND SALVAGE EQUIPMENT

NEW		EXISTING
	SIGNAL EQUIPMENT	
	STREET LIGHT	
	ROAD SIGN	
	CONTROLLER ASSEMBLY	
	PEDESTRIAN HEAD	
	SERVICE ENCLOSURE	
	POLE AND PEDESTRIAN PUSH BUTTON	
	PULL BOX	
	TYPE "A" DETECTOR LOOP	
	GRIDSMART DETECTION CAMERA SYSTEM	
	VIDEX DETECTION ZONE (SUGGESTED)	
	TRAFFIC SIGNAL CONDUIT	

BBS	BATTERY BACKUP SYSTEM
PED	PEDESTRIAN SIGNAL HEAD
PPB	PEDESTRIAN PUSH BUTTON
RA	RED ARROW
YA	YELLOW ARROW
FYA	FLASHING YELLOW ARROW
GA	GREEN ARROW



STEADY DEMAND SEQUENCE

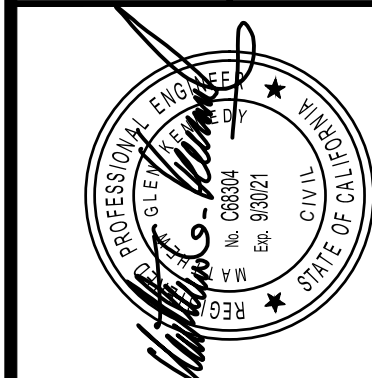
STEADY DEMAND SEQUENCE

Diagram illustrating the crosswalk dimensions:

- Crosswalk width: 60'
- Curb width: 3' (TYP)
- Shoulder width: 6' (TYP)
- Offset from curb to crosswalk: 0.5'
- Centerline of lane is indicated.

NOTE: LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM THE BEST INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT (800) 227-2600 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION AND POTHOLE FOR EXACT LOCATION.

GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95407, USA
T 1 707 523 1010 **F** 1 707 527 8679
W www.ghd.com



BAR IS ONE INCH ON
ORIGINAL DRAWING

REUSE OF DOCUMENTS

This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.

© 2010, GHD

[illegible]

CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
TRAFFIC SIGNAL PLAN
STATE STREET AT PERKINS STREET

PROJ NO: 11191705

DRWN: EM	CHKD: JS
----------	----------

T-103

SHEET 74 OF 121

[illegible]

NOTE:

XXX LIGHT TEXT INDICATES EXISTING

XXX BOLD TEXT INDICATES PROPOSED

—3— CONDUCTORS AND/OR CABLES TO BE REMOVED (TYPICAL)

EQUIPMENT AND POLE SCHEDULE									
NO.	STANDARD			VEHICLE SIGNAL MOUNTING		PED. SIGNAL MOUNTING	PPB	LUMINAIRE WATTAGE (HPS)	SPECIAL REQUIREMENTS *
	TYPE	SIG. MA (FEET)	LUM. MA (FEET)	MAST ARM	POLE				
(a)	19-3-70	25	10	MAS MAS	SV-2-TA	SP-1-T	8	200 W	INSTALL G26-2 (CA), M4-5, M6-1, AND SNS ON POLE.
(b)	1-A (7')	-	-	-	-	TP-1-T	6	-	
(c)	1-A (7')	-	-	-	-	TP-1-T	6	-	
(d)	1-A	-	-	-	-	-	8	-	
(e)	19-3-70	25	10	MAS MAS	SV-1-T	SP-1-T	8	200 W	INSTALL G26-2 (CA), M4-5, M6-1, AND SNS ON POLE.
(f)	1-A	-	-	-	-	SP-1-T	2	-	
(g)	1-A	-	-	-	TV-1-T	SP-2-T	2 8	-	

NOTE:

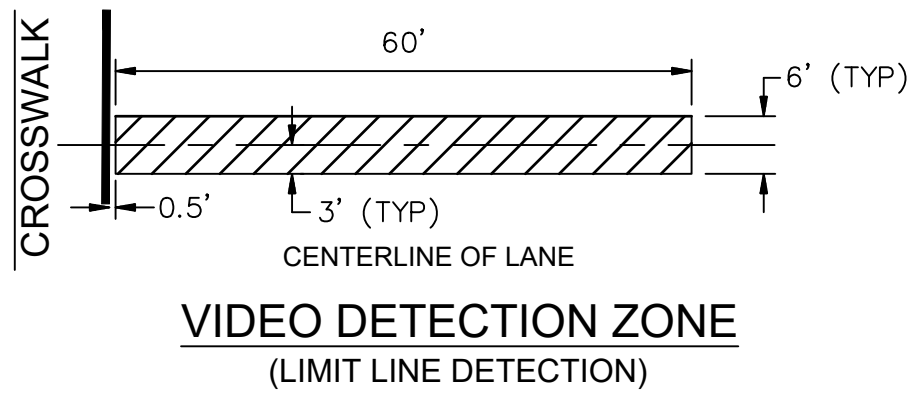
XXX LIGHT TEXT INDICATES EXISTING

XXX BOLD TEXT INDICATES PROPOSED

NOTE: LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM THE BEST INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT (800) 227-2600 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION AND POTHOLE FOR EXACT LOCATION.

GENERAL NOTES:

1. ALL PULL BOXES SHALL BE No.5 UNLESS NOTED ON PLAN.
2. POLES, PULL BOXES AND DETECTOR POSITIONS SHALL BE VERIFIED BY THE ENGINEER PRIOR TO INSTALLATION.
3. LOOP DETECTORS SHALL BE CENTERED IN EFFECTIVE LANE WIDTHS UNLESS OTHERWISE NOTED ON THE PLAN OR DIRECTED BY THE ENGINEER.
4. THE WORK ON THESE PLANS SHALL BE PERFORMED IN CONFORMANCE WITH THE LATEST EDITIONS OF THE CALTRANS STANDARD PLANS, STANDARD SPECIFICATIONS, SIGN SPECIFICATION SHEETS, CITY CONSTRUCTION STANDARDS, AND THE CALIFORNIA MUTCD.
5. THIS PLAN IS ACCURATE FOR ELECTRICAL WORK ONLY.
6. CONTRACTOR SHALL VERIFY OVERHEAD AND UNDERGROUND CLEARANCE WITH ALL UTILITY COMPANIES PRIOR TO START OF WORK.
7. PULL BOXES FOR SIGNAL STANDARDS SHALL BE LOCATED WITHIN FIVE FEET OF THE STANDARD.
8. ALL SIGNALS SHALL HAVE 12-INCH LED INDICATIONS, WITH TUNNEL VISORS AND BACKPLATES.
9. CONTRACTOR SHALL FURNISH AND INSTALL FOUNDATIONS AND ALL ANCILLARY HARDWARE (INCLUDING BOLTS, NUTS, MOUNTINGS, ETC.) FOR A COMPLETE SIGNAL INSTALLATION PER THESE PLANS.
10. RECORD DRAWINGS SHALL BE PROVIDED TO THE CITY OF UKIAH AT THE CLOSE OF THE PROJECT.
11. CONTRACTOR SHALL DELIVER ALL SALVAGED SIGNAL EQUIPMENT TO THE CITY OF UKIAH PUBLIC WORKS CORPORATION YARD AT 1320 AIRPORT ROAD. CONTACT (707) 463-6296 TO ARRANGE DELIVERY.
12. CONTRACTOR SHALL PAINT ALL POLE, SIGNAL HOUSINGS, VISORS AND BACK PLATES.



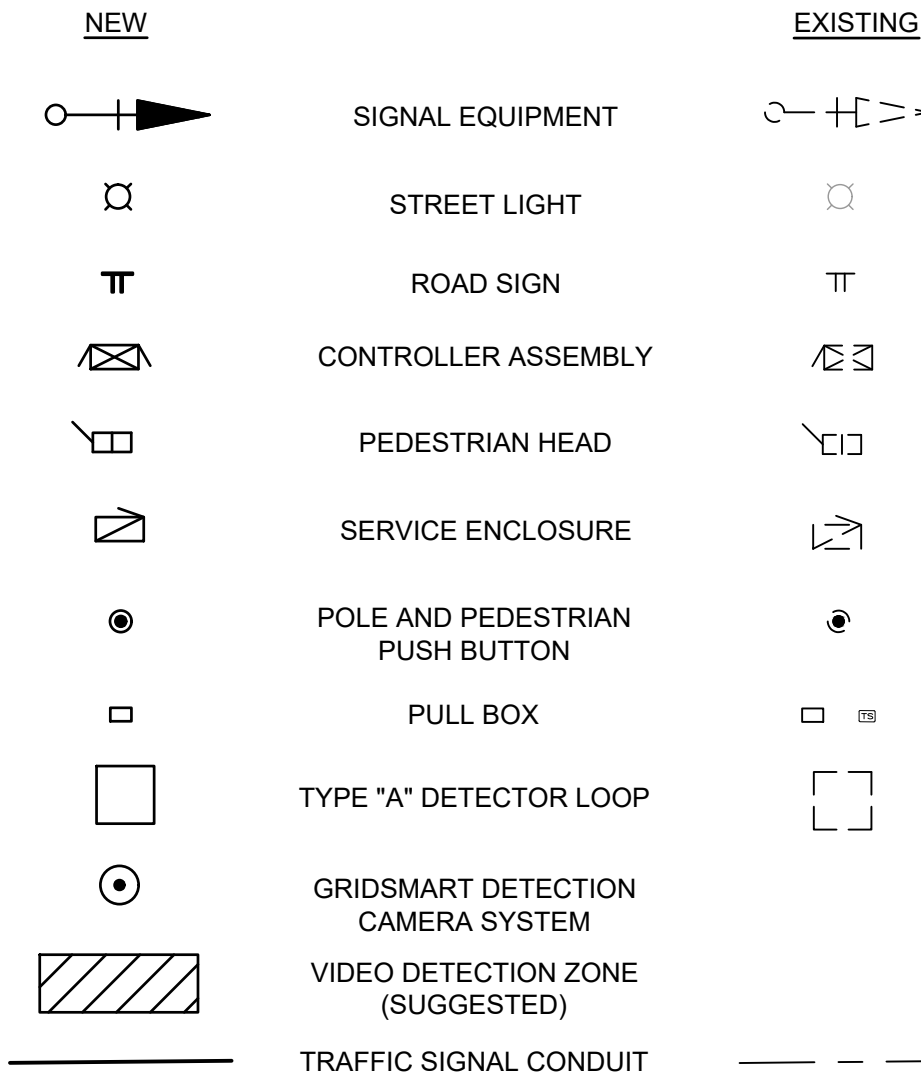
PROJECT NOTES:

1. ALL EXISTING PEDESTRIAN SIGNALS SHALL BE REPLACED. ALL PEDESTRIAN SIGNALS SHALL BE LED WITH COUNTDOWN HAND-MAN INDICATIONS.
2. ALL EXISTING PEDESTRIAN PUSH BUTTONS SHALL BE REPLACED. ALL PEDESTRIAN PUSH BUTTONS SHALL BE POLARA NAVIGATOR, OR APPROVED EQUAL.
3. FURNISH AND INSTALL 2-2" CONDUITS BETWEEN 2 NEW #5 PULL BOXES SET IN FRONT OF CONTROLLER CABINETS AT STATE ST AT PERKINS ST. AND STATE ST AT STANDLEY ST. ADD ROPE TO EMPTY CONDUITS.
4. FURNISH AND INSTALL 4-SECTION SIGNAL HEAD. SEE DETAIL A THIS SHEET.
5. FURNISH AND INSTALL VIDEO DETECTION CAMERA ON SIGNAL POLE. COORDINATE DETECTION ZONES WITH ENGINEER.
6. INSTALL TYPE "A" DETECTOR .
7. FURNISH AND INSTALL 2-2" CONDUITS BETWEEN 2 NEW #5 PULL BOXES SET IN FRONT OF CONTROLLER CABINETS AT STATE ST AT PERKINS ST. AND STATE ST AT STANDLEY ST. ADD ROPE TO EMPTY CONDUITS.
8. REMOVE AND SALVAGE POLE AND EQUIPMENT. FOUNDATION TO BE ABANDONED.

STANDARD NOTES:

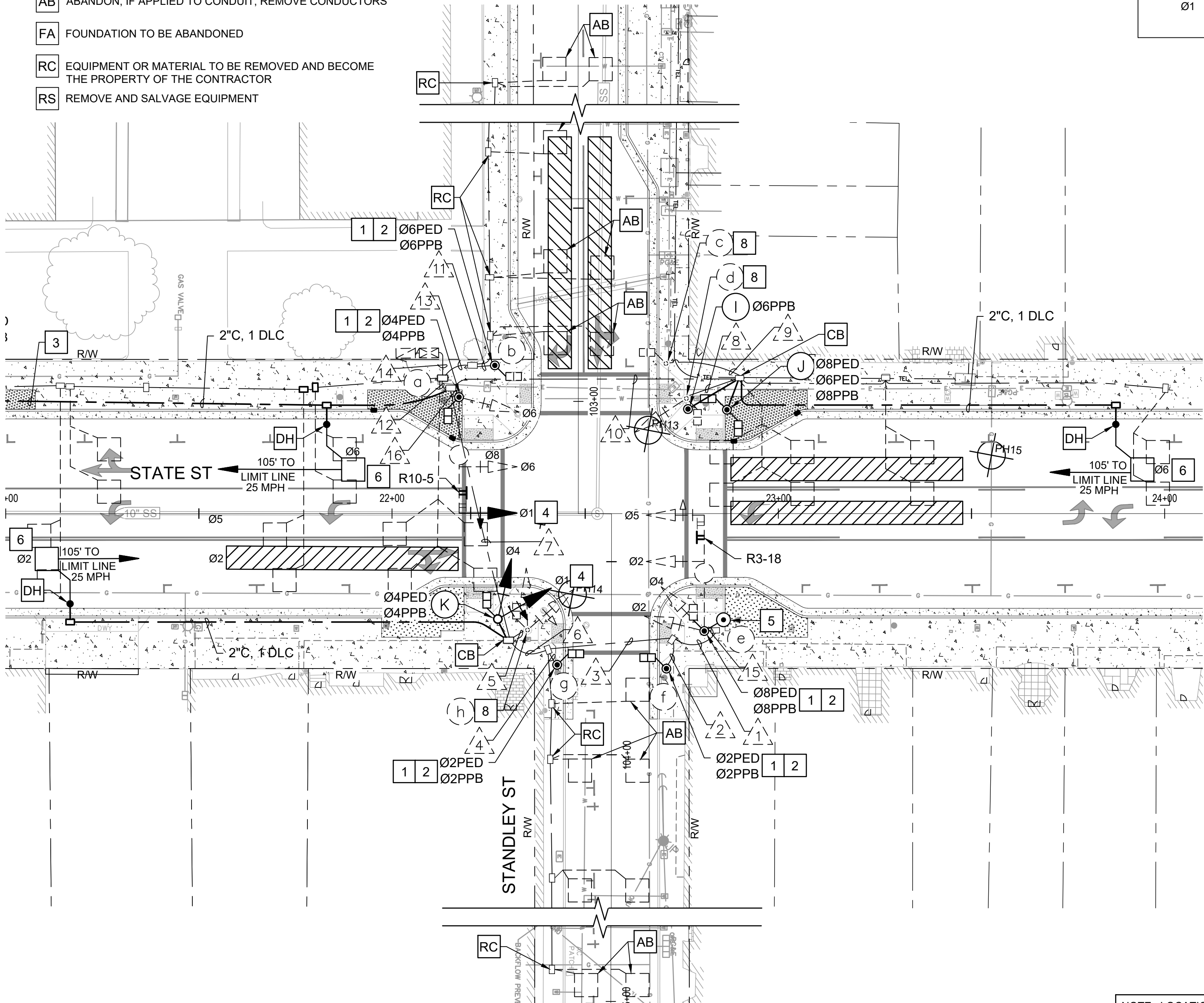
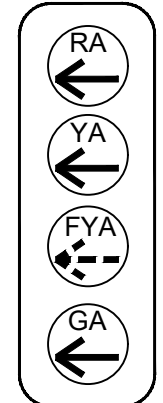
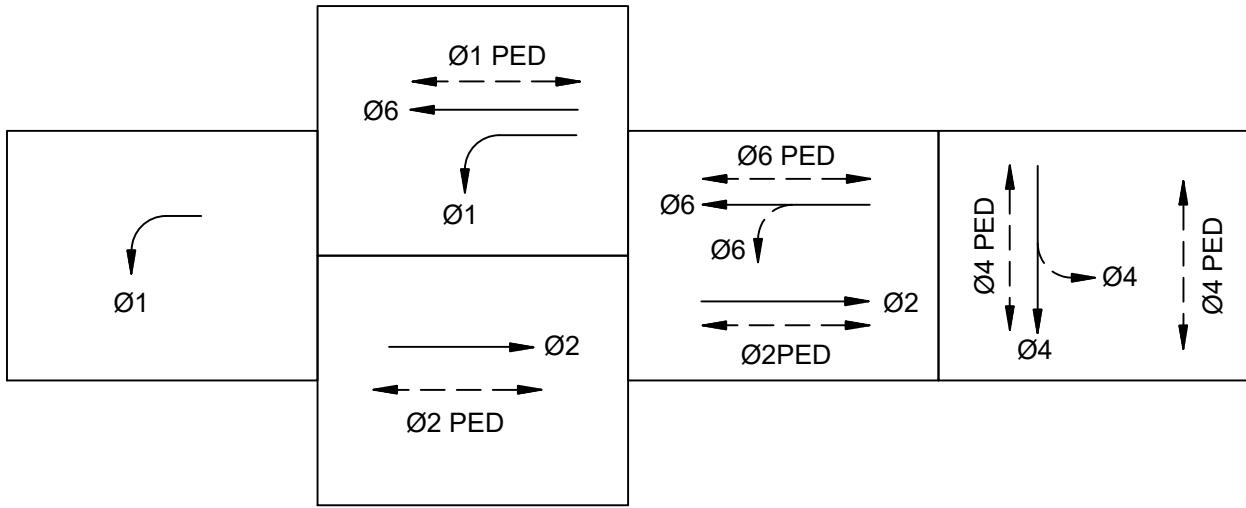
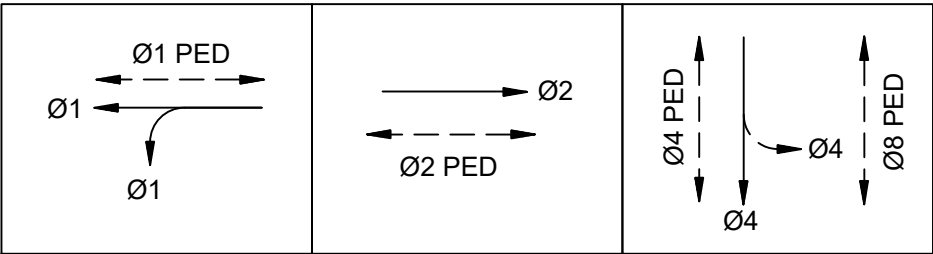
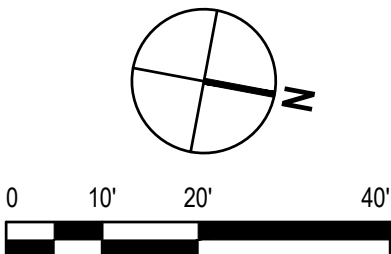
- DH DETECTOR HANDHOLE
- CB INSTALL CONDUIT INTO EXISTING PULL BOX
- AB ABANDON, IF APPLIED TO CONDUIT, REMOVE CONDUCTORS
- FA FOUNDATION TO BE ABANDONED
- RC EQUIPMENT OR MATERIAL TO BE REMOVED AND BECOME THE PROPERTY OF THE CONTRACTOR
- RS REMOVE AND SALVAGE EQUIPMENT

LEGEND:



ABBREVIATIONS:

- BBS BATTERY BACKUP SYSTEM
- PED PEDESTRIAN SIGNAL HEAD
- PPB PEDESTRIAN PUSH BUTTON

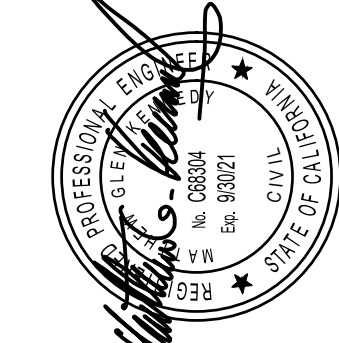


TRAFFIC SIGNALS - IMPROVEMENT PLAN

SCALE: 1" = 20'

NOTE: LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM THE BEST INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT (800) 227-2600 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION AND POTHOLE FOR EXACT LOCATION.

GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95405 USA
T 707 527 5270
F 707 527 5879
W www.ghd.com



BAR IS ONE INCH ON ORIGINAL DRAWING

1"

0

REUSE OF DOCUMENTS

This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.

© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE

CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
TRAFFIC SIGNAL PLAN
STATE STREET AT STANDLEY STREET

PROJ NO: 11191705

DRWN: EM CHKD: JS

T-105

SHEET 76 OF 121

[illegible]

NOTE:

XXX LIGHT TEXT INDICATES EXISTING
 XXX BOLD TEXT INDICATES PROPOSED
~~---~~ CONDUCTORS AND/OR CABLES TO BE REMOVED (TYPICAL)

NO.	STANDARD			VEHICLE SIGNAL MOUNTING		PED. SIGNAL MOUNTING	PPB Ø	LUMINAIRE WATTAGE (HPS)	SPECIAL REQUIREMENTS *
	TYPE	SIG. MA (FEET)	LUM. MA (FEET)	MAST ARM	POLE				
(a)	19-3-70	25	10	MAS MAT	SV-1-T	SP-1-T	4	200 W	INSTALL R10-5 AND R6-1.
(b)	1-A (7')	-	-	-	-	TP-1-T	6	-	
(c)	1-A (7')	-	-	-	-	TP-1-T	6	-	RS POLE AND EQUIPMENT. FA FOUNDATION.
(d)	1-A	-	-	-	TP-1-T	SP-1-T	4	-	RS POLE AND EQUIPMENT. FA FOUNDATION.
(e)	19-3-70	25	10	MAS	SV-2-T	SP-1-T	4	200 W	RS MAST END SIGNAL HEAD. ADD R3-18 SIGN, R6-1 AND SNS.
(f)	1-A (7')	-	-	-	-	TP-1-T	2	-	
(g)	1-A (7')	-	-	-	-	TP-1-T	2	-	
(h)	1-A	-	-	-	TP-2-T	SP-1-T	4	-	RS POLE AND EQUIPMENT. FA FOUNDATION.
(I)	PPB POST	-	-	-	-	-	6	-	
(J)	1-A	-	-	-	-	TP-2-T	4	-	
(K)	1-A	-	-	-	-	TP-1-T	4	-	

NOTE:

XXX
XXX LIGHT TEXT INDICATES EXISTING
BOLD TEXT INDICATES PROPOSED

NOTE: LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM THE BEST INFORMATION AVAILABLE. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICES ALERT (800) 227-2600 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION AND POTHOLE FOR EXACT LOCATION.

2019-11-12 8:16 AM JTATRO
N:\8000\8333 UKIAH DOWNTOWN STREETSCAPE\4-DOCUMENTS\6-BID SET\LM.100 E MILL STREET.DWG

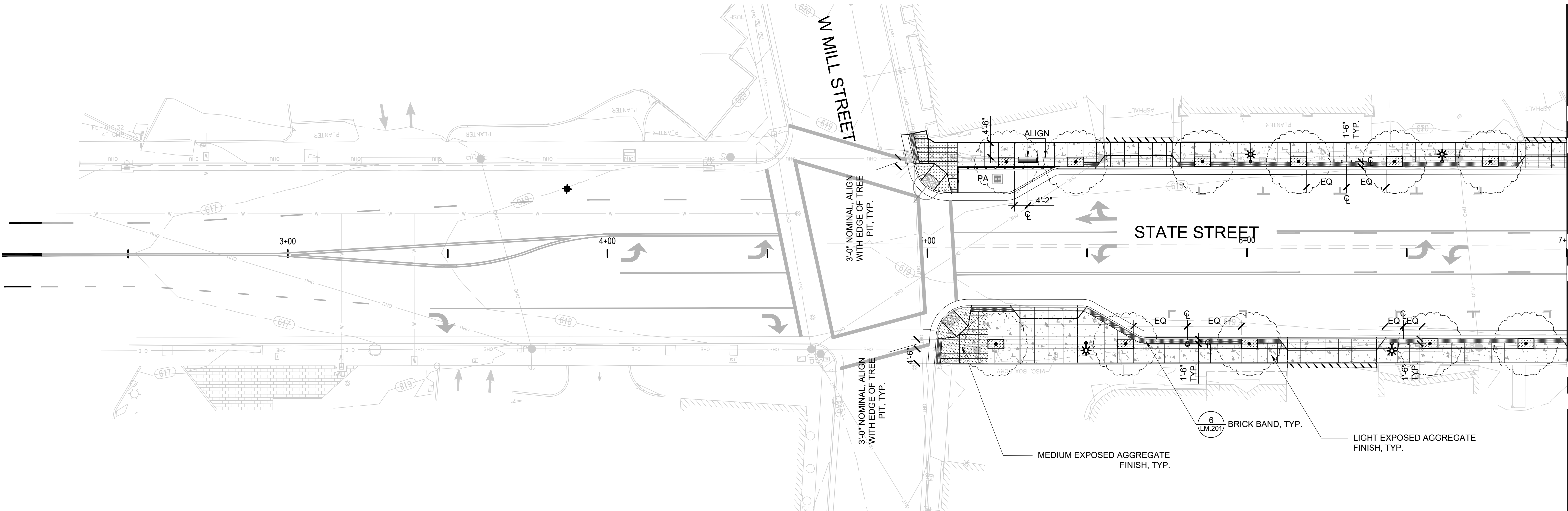
LANDSCAPE LAYOUT NOTES

- ALL LAYOUT WORK SHALL BE APPROVED BY THE ENGINEER PRIOR TO THE START OF ANY EXCAVATION.
- ALL DIMENSIONS ON THE DRAWINGS ARE IN FEET AND INCHES.
- REFER TO CIVIL HORIZONTAL CONTROL PLANS FOR CURB, GUTTER, SIDEWALK CURB-RAMP AND DRIVEWAY DIMENSIONING INFORMATION, AND FOR TREE LOCATION STATION POINTS.
- REFER TO CIVIL GRADING PLANS FOR GRADING INFORMATION.
- LIGHT FIXTURES SHOWN FOR REFERENCE. REFER TO CIVIL HORIZONTAL CONTROL PLANS FOR FIXTURE LOCATIONS. REFER TO ELECTRICAL LIGHTING PLANS FOR CIRCUITRY AND COMPLETE FIXTURE SPECIFICATIONS.
- UNLESS SHOWN OTHERWISE THE FOLLOWING SHALL GOVERN THE ALIGNMENT OF PAVEMENT, HARDSCAPE AND SCORELINES: EDGES OF PAVING AND SCORING ARE PARALLEL OR PERPENDICULAR TO THE STRAIGHT LINE. FURNISHING SHALL BE INSTALLED PARALLEL OR PERPENDICULAR TO PAVING AND OTHER BUILT WORK. PAVEMENT AND HARDSCAPE WORK ARE TO BE PARALLEL OR PERPENDICULAR TO THE FACE OF BUILDING. EDGES OF PAVING AND SCORELINES SHALL ALIGN TO THE FACES OR CENTERLINES OF BUILDINGS, COLUMNS AND EXISTING HARDSCAPE ELEMENTS INDICATED TO REMAIN.
- SCORELINES, EDGES OF PAVEMENT, CHANGES IN PAVEMENT COLOR AND TEXTURE, AND HARDSCAPE ELEMENTS SHALL ALIGN AS INDICATED.
- INSTALL SCORE MARKS AT AN EVEN SPACING AS SHOWN IN THE PLAN. ADJUST 4'-0" X 4'-0" +/- GRID TO PROVIDE EVEN SPACING BETWEEN TREE WELLS AND TO ALIGN WITH EDGES OF PAVEMENT, AS SHOWN ON PLAN.
- INSTALL EXPANSION JOINTS WITH SEALANT AT ALL BUILDING WALLS, EDGE OF STRUCTURE, COLUMNS, ETC. LOCATE EXPANSION JOINTS IN SIDEWALK AT INTERVAL CLOSEST TO 20 FEET BUT NO MORE THAN 30 FEET APART. PLACE EXPANSION JOINTS AT THOSE INTERVALS IN LIEU OF SCORE LINES SHOWN ON PLAN.
- ELIMINATE SCORE LINES THAT WOULD OCCUR TWO INCHES OR LESS FROM AN EXISTING WALL OR THE LIMIT OF WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF THE LOCATIONS OF ALL UTILITIES IN THE FIELD. LOCATIONS SHOWN ON THE PLAN ARE APPROXIMATE AND FOR GENERAL INFORMATION ONLY. THE CONTRACTOR SHALL NOTIFY UTILITY SERVICES AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION ON THIS PROJECT.
- CONTRACTOR SHALL REPAIR AT HIS/HER OWN EXPENSE ANY DAMAGE, WHETHER INSIDE OR OUTSIDE OF THE LIMIT OF WORK LINE, TO UTILITY SYSTEMS, SURFACE PAVEMENTS, FIXTURES OR STRUCTURES THAT ARE NOT SPECIFICALLY INDICATED TO BE REMOVED OR RELOCATED AS PART OF THE PROJECT CONSTRUCTION.
- THE CONTRACTOR SHALL EXERCISE PARTICULAR CARE WHILE WORKING IN THE VICINITY OF ACTIVE UTILITY AND DRAINAGE STRUCTURES. IN THE EVENT THAT ANY EXISTING STRUCTURES OR UTILITIES ARE DAMAGED AND THE SERVICES DISRUPTED, THE LINES SHALL BE IMMEDIATELY REPAIRED AND THE SERVICES RESTORED AS DIRECTED BY THE ENGINEER AT NO COST TO THE OWNER.

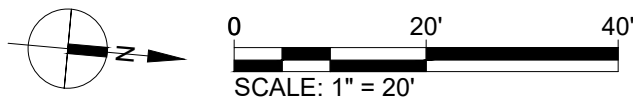
SYMBOLS AND ABBREVIATIONS			
OC	ON CENTER	AB	AGGREGATE BASE
SCD	SEE CIVIL DRAWINGS	EQ	EQUAL
SED	SEE ELECTRICAL DRAWINGS	PA	PLANTING AREA
(E)	EXISTING	TYP	TYPICAL
(N)	NEW	CIP	CAST IN PLACE

LANDSCAPE LAYOUT LEGEND

SYMBOL	TYPE	DETAIL
●	TRASH RECEPTACLE, SURFACE MOUNT	
—	BIKE RACK, SURFACE MOUNT	2 LM.200
▬	BENCH, SURFACE MOUNT	3 LM.200
✱—○	STREET LIGHT WITH MOUNTED SIGNAL	SED
✱	PEDESTRIAN-LEVEL STREET LIGHT TYPE 1	SED
✱	PEDESTRIAN-LEVEL STREET LIGHT TYPE 2	SED
□	PEDESTRIAN-LEVEL STREET LIGHT WITH SIGNAL	SED
	CIP CONCRETE PAVING WITH LIGHT EXPOSED AGGREGATE, SCORE JOINT PER PLAN	SCD
	CIP CONCRETE PAVING WITH MEDIUM EXPOSED AGGREGATE FINISH, 1.5'X3' SCORE JOINT GRID	SCD
	THERMOPLASTIC DECORATIVE TREATMENT AT CROSSWALKS	SCD
	TREE PIT WITH DECOMPOSED GRANITE MULCH 3'X5' OR 5'X8' PER PLAN	7 LP.200
—+—+—+—	PLANTER RAIL	1 LM.200
● JP	EXISTING UTILITY POLE, SCD	
	EXISTING SPECIALTY PAVING TO REMAIN AND BE PROTECTED	
	EXISTING TREE TO REMAIN AND BE PROTECTED	



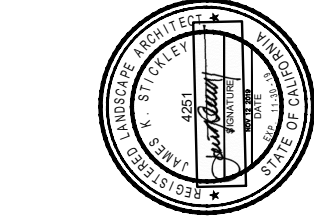
MATCH LINE SEE SHEET LM.101



CITY OF UKIAH DOWNTOWN STREETSCAPE AND ROAD DIET PROJECT LANDSCAPE MATERIALS & FURNISHINGS PLAN

PROJ NO: 11191705
DRWN: CHKD:
E. MILL STREET
LM.100
SHEET 78 OF 121

BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"
REUSE OF DOCUMENTS
This document and the ideas and designs
incorporated herein, as an instrument of
professional service, is the property of GHD
and shall not be reused in whole or in part
for any other project without GHD's written
authorization.
© 2019 GHD



GHD Inc.
2235 Mercury Way, Suite 150
San Francisco, CA 94115 USA
T 415.774.5500 F 415.774.5501
W www.ghd.com



Wallace Roberts & Todd, LLC
400 Vesuvius Avenue, Suite 200
San Francisco, CA 94103
T 415.774.5501 F 415.774.5501
W www.wrt.com

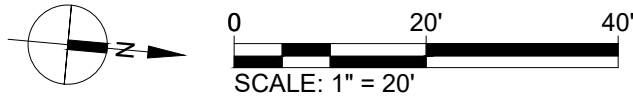
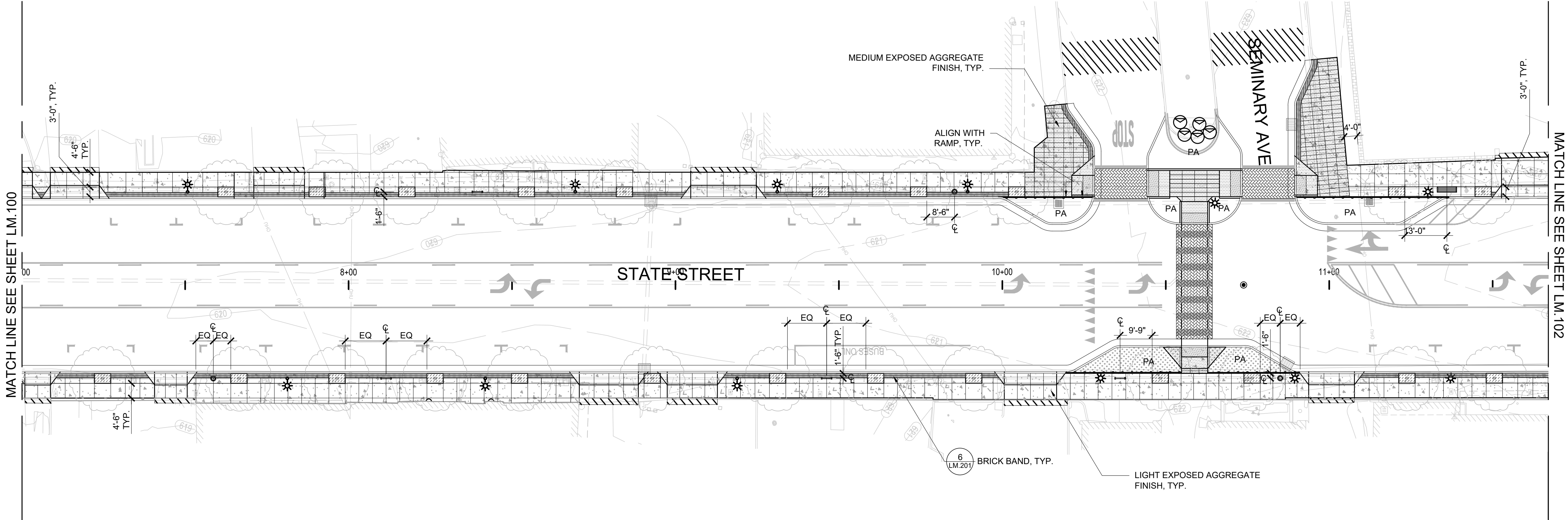


11/12/2019

2019-11-12 8:16 AM JTATRO
N:\8000\8333 UKIAH DOWNTOWN STREETSCAPE\4-DOCUMENTS\6-BID SET\LM.101 SEMINARY AVENUE.DWG

LANDSCAPE LAYOUT LEGEND

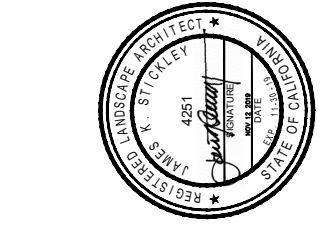
SYMBOL	TYPE	DETAIL
●	TRASH RECEPTACLE, SURFACE MOUNT	
I	BIKE RACK, SURFACE MOUNT	2 LM.200
▬	BENCH, SURFACE MOUNT	3 LM.200
*—○	STREET LIGHT WITH MOUNTED SIGNAL	SED
*	PEDESTRIAN-LEVEL STREET LIGHT TYPE 1	SED
* ₂	PEDESTRIAN-LEVEL STREET LIGHT TYPE 2	SED
⊠	PEDESTRIAN-LEVEL STREET LIGHT WITH SIGNAL	SED
	CIP CONCRETE PAVING WITH LIGHT EXPOSED AGGREGATE, SCORE JOINT PER PLAN	SCD
	CIP CONCRETE PAVING WITH MEDIUM EXPOSED AGGREGATE FINISH, 1.5'X3' SCORE JOINT GRID	SCD
	THERMOPLASTIC DECORATIVE TREATMENT AT CROSSWALKS	SCD
	TREE PIT WITH DECOMPOSED GRANITE MULCH 3'X5' OR 5'X8' PER PLAN	7 LP.200
—●—●—●—	PLANTER RAIL	1 LM.200
● _{JP}	EXISTING UTILITY POLE, SCD	
	EXISTING SPECIALTY PAVING TO REMAIN AND BE PROTECTED	
	EXISTING TREE TO REMAIN AND BE PROTECTED	



CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
LANDSCAPE MATERIALS &
FURNISHINGS PLAN

PROJ NO:	11191705
DRWN:	CHKD:
SEMINARY AVENUE LM.101	
SHEET 79	OF 121

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD



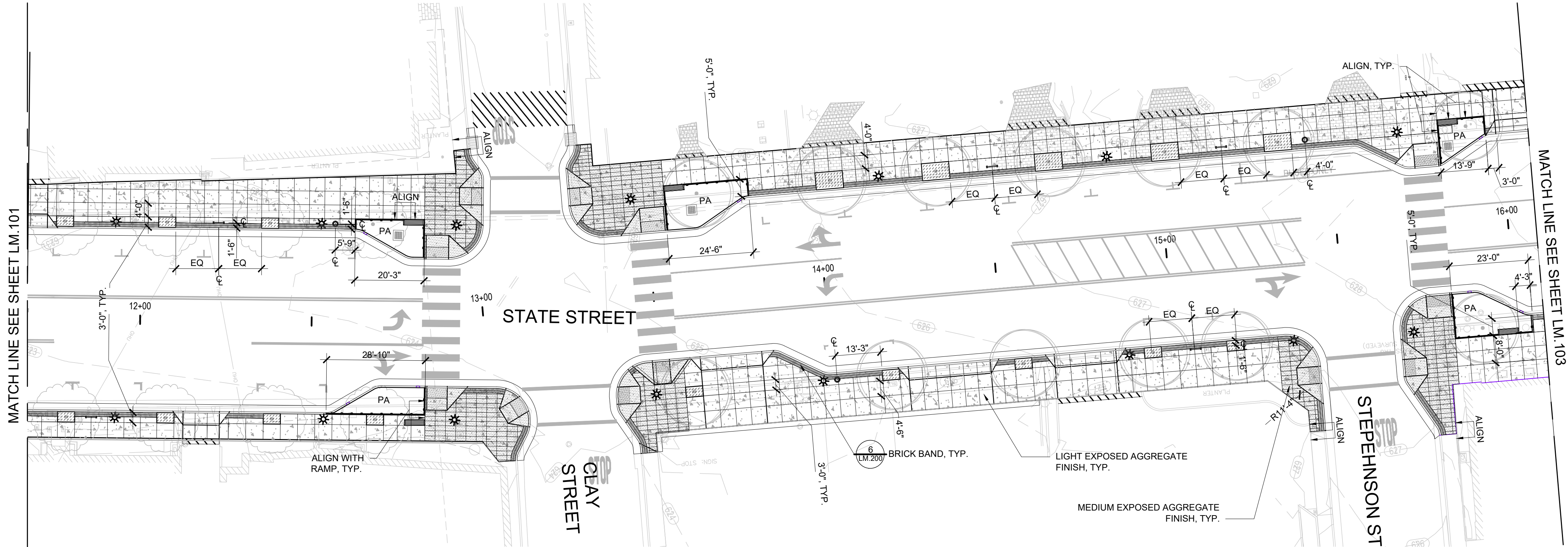
GHD Inc.
2235 Mercury Way, Suite 150
San Jose, California 95131 USA
T 408 527 5275 F 408 527 5276
W www.ghd.com

Wallace Roberts & Todd, LLC
400 Market Street, Suite 200
San Francisco, CA 94103
T 415 774 7472 F 415 774 7473
W www.wrt.com

11/12/2019

LANDSCAPE LAYOUT LEGEND

SYMBOL	TYPE	DETAIL
●	TRASH RECEPTACLE, SURFACE MOUNT	
I	BIKE RACK, SURFACE MOUNT	2 LM.200
▬	BENCH, SURFACE MOUNT	3 LM.200
*—○	STREET LIGHT WITH MOUNTED SIGNAL	SED
*	PEDESTRIAN-LEVEL STREET LIGHT TYPE 1	SED
*—	PEDESTRIAN-LEVEL STREET LIGHT TYPE 2	SED
⊠	PEDESTRIAN-LEVEL STREET LIGHT WITH SIGNAL	SED
	CIP CONCRETE PAVING WITH LIGHT EXPOSED AGGREGATE, SCORE JOINT PER PLAN	SCD
	CIP CONCRETE PAVING WITH MEDIUM EXPOSED AGGREGATE FINISH, 1.5'x3' SCORE JOINT GRID	SCD
	THERMOPLASTIC DECORATIVE TREATMENT AT CROSSWALKS	SCD
	TREE PIT WITH DECOMPOSED GRANITE MULCH 3'x5' OR 5'x8' PER PLAN	7 LP.200
—+—+—+—	PLANTER RAIL	1 LM.200
● _{JP}	EXISTING UTILITY POLE, SCD	
	EXISTING SPECIALTY PAVING TO REMAIN AND BE PROTECTED	
	EXISTING TREE TO REMAIN AND BE PROTECTED	

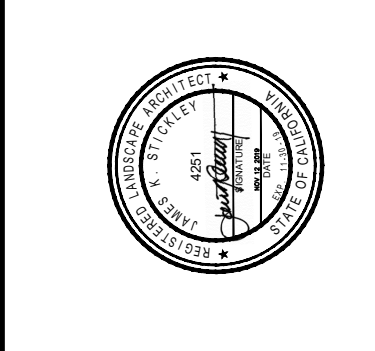


CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
LANDSCAPE MATERIALS &
FURNISHINGS PLAN

PROJ NO:	11191705
DRWN:	CHKD:
CLAY STREET LM.102	
SHEET 80	OF 121

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"

REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD



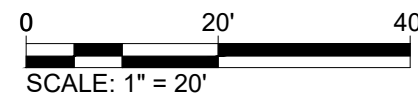
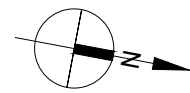
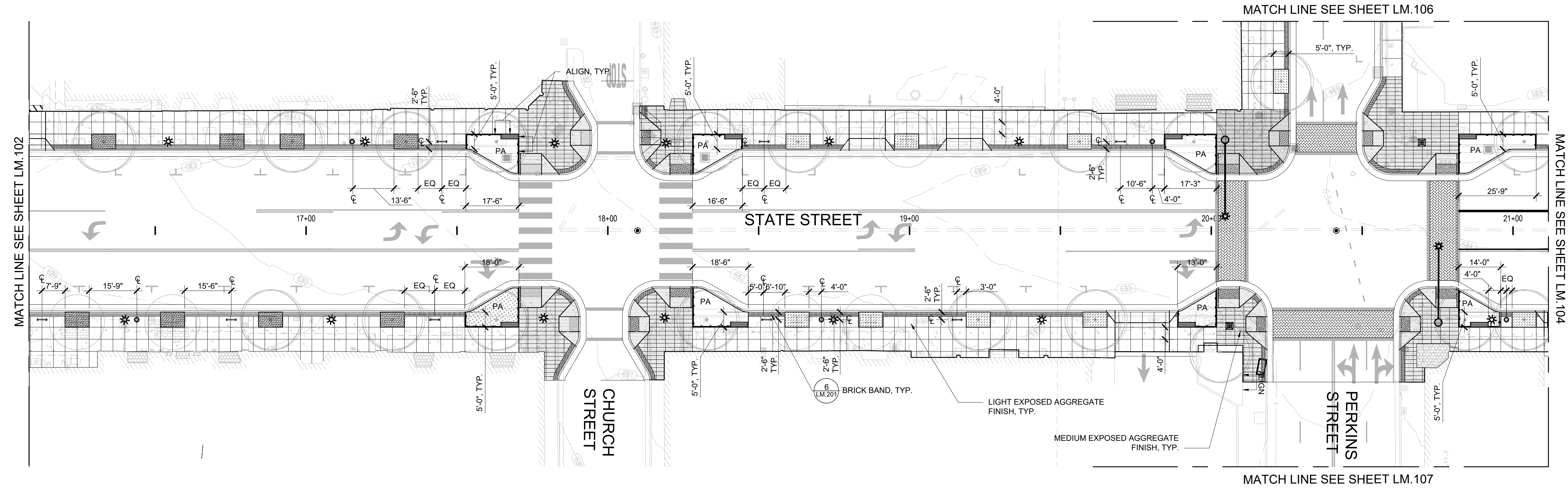
GHD Inc.
2235 Mercury Way, Suite 150
San Jose, CA 95131 USA
T 408.527.5200 F 408.527.5201
W www.ghd.com

Wallace Roberts & Todd, LLC
400 Market Street, Suite 200
San Francisco, CA 94103
Tel 415.775.2551

2019-11-12 8:17 AM JTATRO
N:\8000\8333 UKIAH DOWNTOWN STREETSCAPE\4-DOCUMENTS\6-BID SET\LM.103 CHURCH STREET.DWG

LANDSCAPE LAYOUT LEGEND

SYMBOL	TYPE	DETAIL
●	TRASH RECEPTACLE, SURFACE MOUNT	
I	BIKE RACK, SURFACE MOUNT	2 LM.200
▬	BENCH, SURFACE MOUNT	3 LM.200
*—○	STREET LIGHT WITH MOUNTED SIGNAL	SED
*	PEDESTRIAN-LEVEL STREET LIGHT TYPE 1	SED
*—	PEDESTRIAN-LEVEL STREET LIGHT TYPE 2	SED
■	PEDESTRIAN-LEVEL STREET LIGHT WITH SIGNAL	SED
	CIP CONCRETE PAVING WITH LIGHT EXPOSED AGGREGATE, SCORE JOINT PER PLAN	SCD
	CIP CONCRETE PAVING WITH MEDIUM EXPOSED AGGREGATE FINISH, 1.5'X3' SCORE JOINT GRID	SCD
	THERMOPLASTIC DECORATIVE TREATMENT AT CROSSWALKS	SCD
	TREE PIT WITH DECOMPOSED GRANITE MULCH 3'X5' OR 5'X8' PER PLAN	7 LP.200
—●—●—●—	PLANTER RAIL	1 LM.200
● _{JP}	EXISTING UTILITY POLE, SCD	
	EXISTING SPECIALTY PAVING TO REMAIN AND BE PROTECTED	
	EXISTING TREE TO REMAIN AND BE PROTECTED	



CITY OF UKIAH DOWNTOWN STREETSCAPE AND ROAD DIET PROJECT

LANDSCAPE MATERIALS & FURNISHINGS PLAN

PROJ NO: 11191705
DRWN: CHKD:

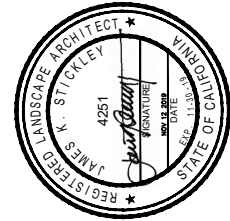
CHURCH STREET
LM.103

SHEET 81 OF 121

BAR IS ONE INCH ON
ORIGINAL DRAWING

0 1"

REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD



11/12/2019

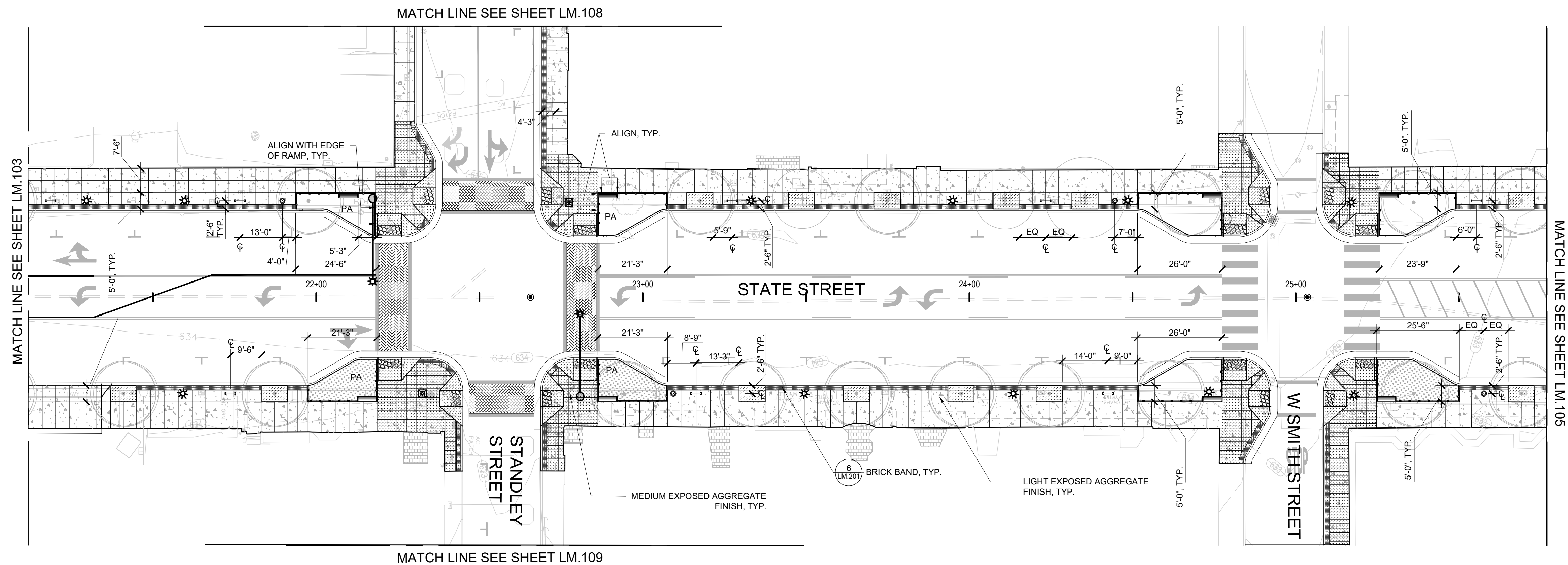
GHD Inc.
2235 Mercury Way, Suite 150
San Jose, California 95131 USA
Tel: 408.553.1010 F: 408.527.8679
W: www.ghd.com



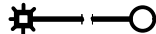
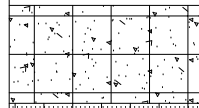
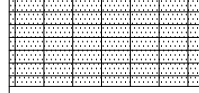
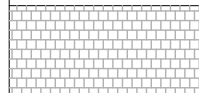
Wallace Roberts & Todd, LLC
400 Market Street, Suite 200
San Francisco, CA 94103
Tel: 415.775.2551

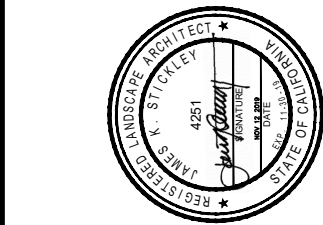


Wallace Roberts & Todd, LLC
400 Market Street, Suite 200
San Francisco, CA 94103
Tel: 415.775.2551



LANDSCAPE LAYOUT LEGEND

SYMBOL	TYPE	DETAIL
	TRASH RECEPTACLE, SURFACE MOUNT	
	BIKE RACK, SURFACE MOUNT	
	BENCH, SURFACE MOUNT	
	STREET LIGHT WITH MOUNTED SIGNAL	SED
	PEDESTRIAN-LEVEL STREET LIGHT TYPE 1	SED
	PEDESTRIAN-LEVEL STREET LIGHT TYPE 2	SED
	PEDESTRIAN-LEVEL STREET LIGHT WITH SIGNAL	SED
	CIP CONCRETE PAVING WITH LIGHT EXPOSED AGGREGATE, SCORE JOINT PER PLAN	SCD
	CIP CONCRETE PAVING WITH MEDIUM EXPOSED AGGREGATE FINISH, 1.5'X3' SCORE JOINT GRID	SCD
	THERMOPLASTIC DECORATIVE TREATMENT AT CROSSWALKS	SCD
	TREE PIT WITH DECOMPOSED GRANITE MULCH 3'X5' OR 5'X8' PER PLAN	
	PLANTER RAIL	
	EXISTING UTILITY POLE, SCD	
	EXISTING SPECIALTY PAVING TO REMAIN AND BE PROTECTED	
	EXISTING TREE TO REMAIN AND BE PROTECTED	



BAR IS ONE INCH ON
ORIGINAL DRAWING

0  1"

REUSE OF DOCUMENTS

This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.

GHD
GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95407, USA
T 1 707 523 1010 F 1 707 527 8679
W www.ghd.com

WRT Planning & Design
Wallace Roberts & Todd, LLC
478 Tehama Street, Suite 28 415.575.4722
San Francisco, CA 94103 fax 215.732.2551

11/12/2019

**CITY OF UKIAH
DOWNTOWN STREETScape AND
ROAD DIET PROJECT**

LANDSCAPE MATERIALS & FURNISHINGS PLAN

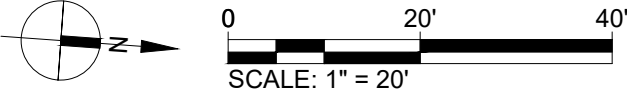
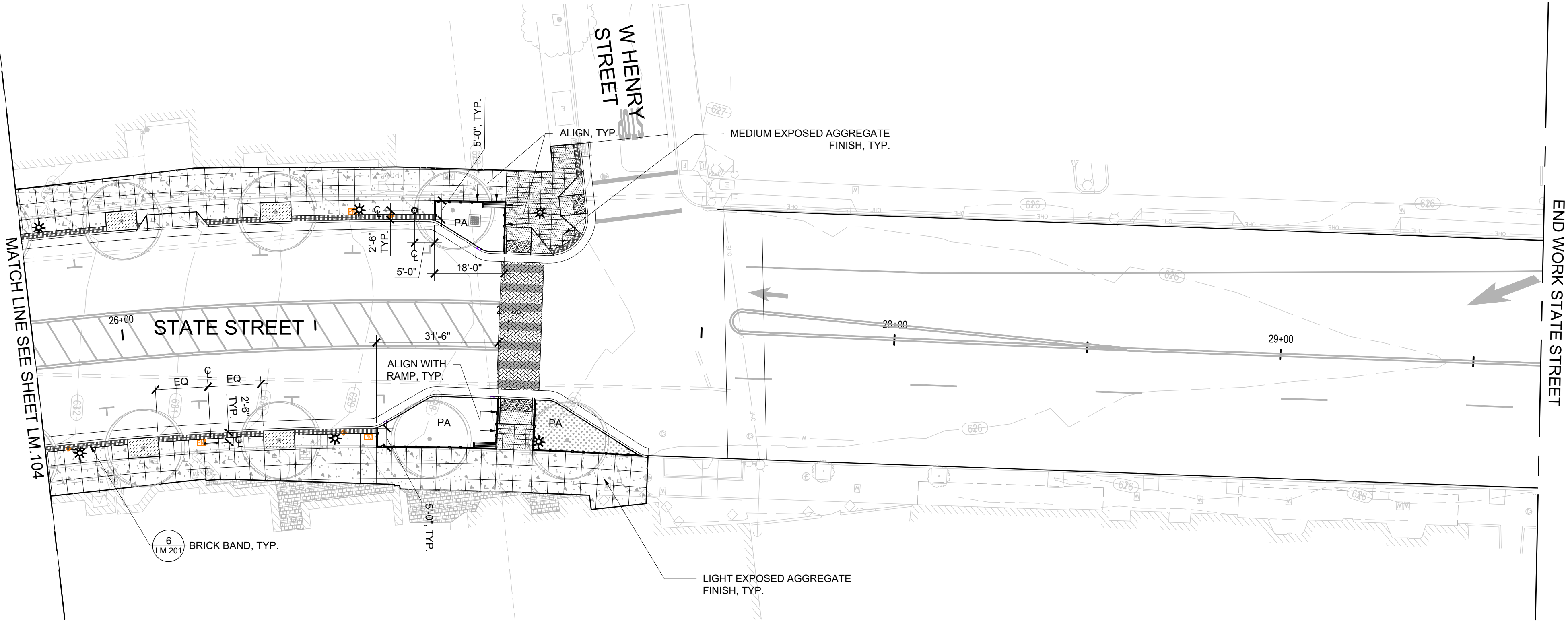
PROJ NO:	11191705
DRWN:	CHKD:
SMITH STREET	
LM.104	

SHEET 82 OF 121

2019-11-12 8:18 AM JTATRO
N:\8000\8333 UKIAH DOWNTOWN STREETSCAPE\4-DOCUMENTS\6-BID SET\LM.105 HENRY STREET.DWG

LANDSCAPE LAYOUT LEGEND

SYMBOL	TYPE	DETAIL
●	TRASH RECEPTACLE, SURFACE MOUNT	
┤	BIKE RACK, SURFACE MOUNT	2 LM.200
▬	BENCH, SURFACE MOUNT	3 LM.200
*—○	STREET LIGHT WITH MOUNTED SIGNAL	SED
*	PEDESTRIAN-LEVEL STREET LIGHT TYPE 1	SED
*—	PEDESTRIAN-LEVEL STREET LIGHT TYPE 2	SED
⊠	PEDESTRIAN-LEVEL STREET LIGHT WITH SIGNAL	SED
	CIP CONCRETE PAVING WITH LIGHT EXPOSED AGGREGATE, SCORE JOINT PER PLAN	SCD
	CIP CONCRETE PAVING WITH MEDIUM EXPOSED AGGREGATE FINISH, 1.5'X3' SCORE JOINT GRID	SCD
	THERMOPLASTIC DECORATIVE TREATMENT AT CROSSWALKS	SCD
	TREE PIT WITH DECOMPOSED GRANITE MULCH 3'X5' OR 5'X8' PER PLAN	7 LP.200
—+—+—+—	PLANTER RAIL	1 LM.200
● _{JP}	EXISTING UTILITY POLE, SCD	
	EXISTING SPECIALTY PAVING TO REMAIN AND BE PROTECTED	
	EXISTING TREE TO REMAIN AND BE PROTECTED	

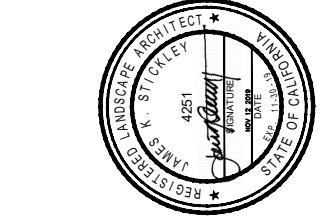


CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
LANDSCAPE MATERIALS &
FURNISHINGS PLAN

PROJ NO: 11191705
DRWN: CHKD:
HENRY STREET
LM.105

SHEET 83 OF 121

BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"
REUSE OF DOCUMENTS
This document and the ideas and designs
incorporated herein, as an instrument of
professional service, is the property of GHD
and shall not be reused in whole or in part
for any other project without GHD's written
authorization.
© 2019 GHD



GHD Inc.
2235 Mercury Way, Suite 150
San Francisco, CA 94103 USA
T 415 774 3500 F 415 774 3501
W www.ghd.com
Wallace Roberts & Todd, LLC
400 Market Street, Suite 200
San Francisco, CA 94103
T 415 774 3500 F 415 774 3501
W www.ghd.com



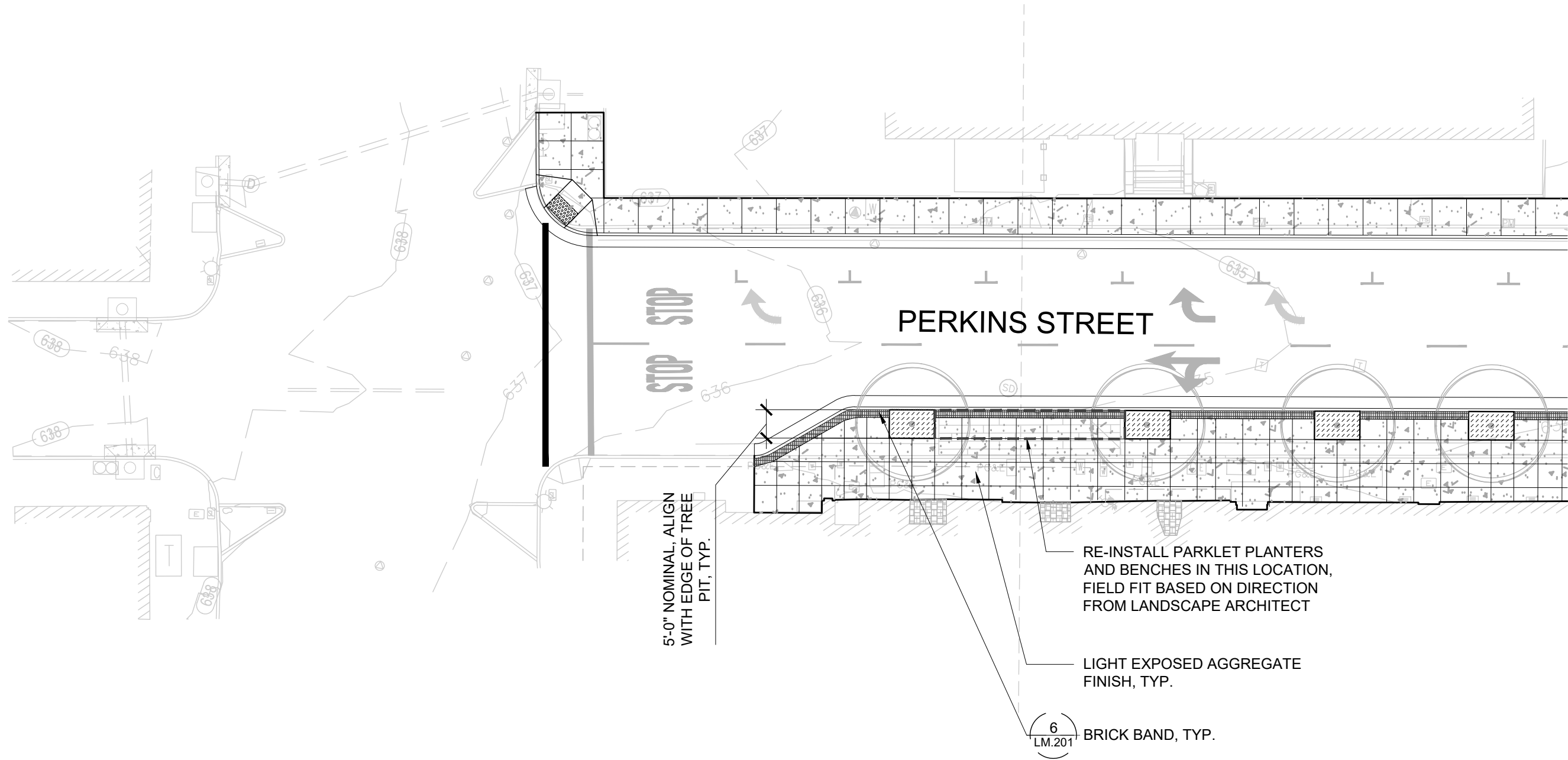
11/12/2019

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	11/12/2019			

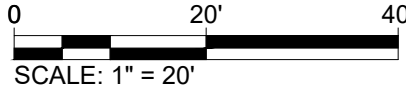
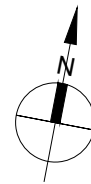
LANDSCAPE LAYOUT LEGEND

SYMBOL	TYPE	DETAIL
●	TRASH RECEPTACLE, SURFACE MOUNT	
I	BIKE RACK, SURFACE MOUNT	2 LM.200
▬	BENCH, SURFACE MOUNT	3 LM.200
*—○	STREET LIGHT WITH MOUNTED SIGNAL	SED
*	PEDESTRIAN-LEVEL STREET LIGHT TYPE 1	SED
* ₂	PEDESTRIAN-LEVEL STREET LIGHT TYPE 2	SED
⊠	PEDESTRIAN-LEVEL STREET LIGHT WITH SIGNAL	SED
	CIP CONCRETE PAVING WITH LIGHT EXPOSED AGGREGATE, SCORE JOINT PER PLAN	SCD
	CIP CONCRETE PAVING WITH MEDIUM EXPOSED AGGREGATE FINISH, 1.5'X3' SCORE JOINT GRID	SCD
	THERMOPLASTIC DECORATIVE TREATMENT AT CROSSWALKS	SCD
	TREE PIT WITH DECOMPOSED GRANITE MULCH 3'X5' OR 5'X8' PER PLAN	7 LP.200
—●—●—●—●—	PLANTER RAIL	1 LM.200
● _{JP}	EXISTING UTILITY POLE, SCD	
	EXISTING SPECIALTY PAVING TO REMAIN AND BE PROTECTED	
	EXISTING TREE TO REMAIN AND BE PROTECTED	

BEGIN WORK PERKINS STREET



MATCH LINE SEE SHEET LM.103



CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
LANDSCAPE MATERIALS &
FURNISHINGS PLAN

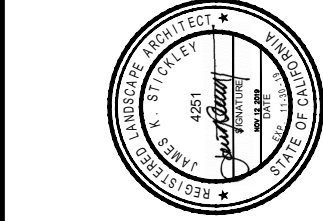
PROJ NO: 11191705
DRWN: CHKD:

PERKINS STREET
LM.106

SHEET 84 OF 121

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	11/12/2019			



11/12/2019

GHD Inc.
2235 Mercury Way, Suite 150
San Francisco, CA 94109 USA
T 415.774.2500 F 415.774.2521
W www.ghd.com



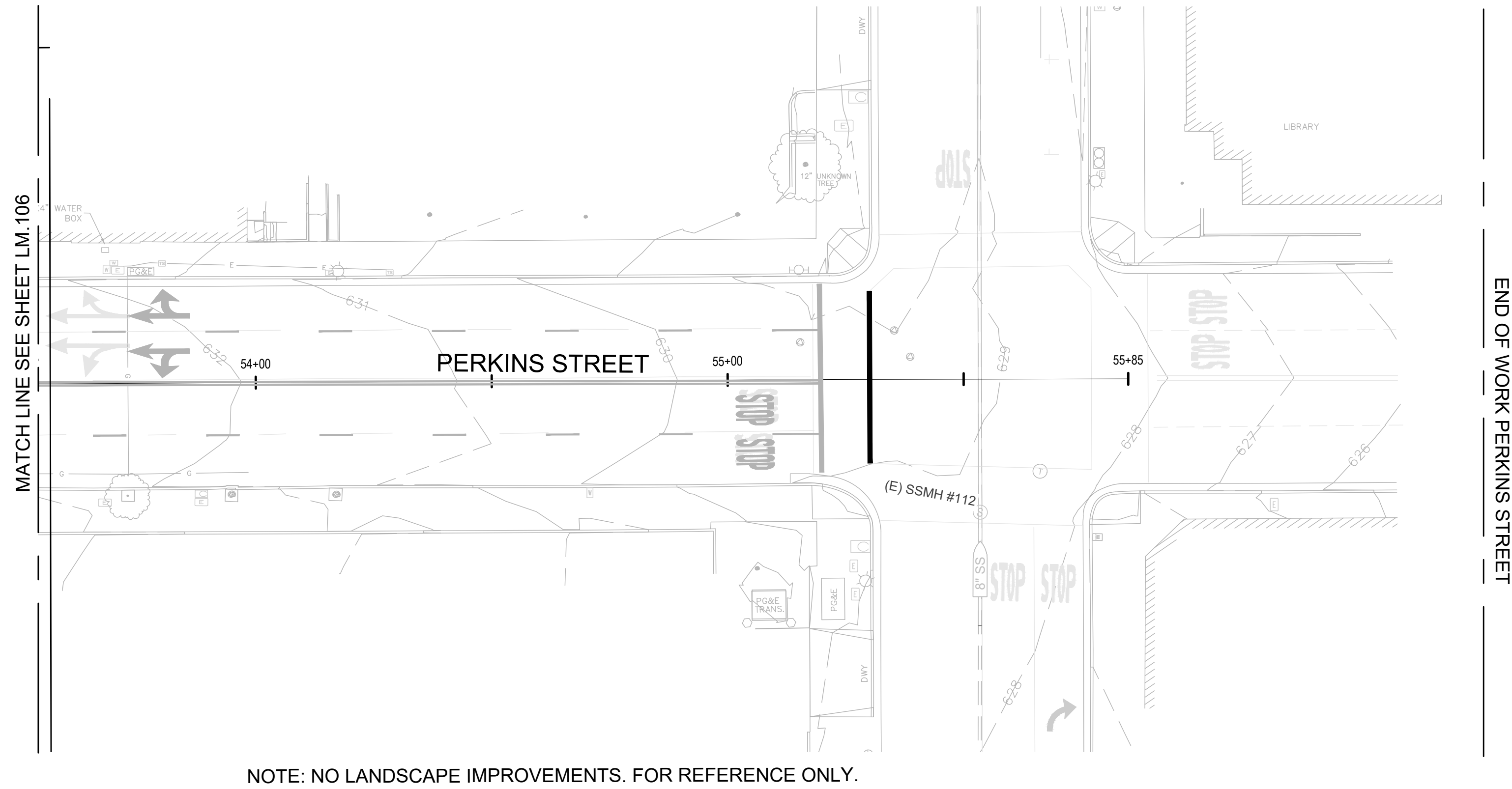
Wallace Roberts & Todd, LLC
400 Market Street, Suite 200
San Francisco, CA 94103
T 415.774.2521 F 415.774.2521
W www.wrt.com



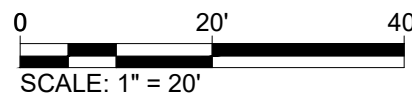
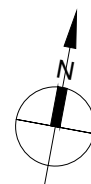
Wallace Roberts & Todd, LLC
400 Market Street, Suite 200
San Francisco, CA 94103
T 415.774.2521 F 415.774.2521
W www.wrt.com



Wallace Roberts & Todd, LLC
400 Market Street, Suite 200
San Francisco, CA 94103
T 415.774.2521 F 415.774.2521
W www.wrt.com



NOTE: NO LANDSCAPE IMPROVEMENTS. FOR REFERENCE ONLY.



CITY OF UKIAH DOWNTOWN STREETSCAPE AND ROAD DIET PROJECT		LANDSCAPE MATERIALS & FURNISHINGS PLAN
PROJECT NO:		11191705
DRAWN:	CHKD:	
PERKINS STREET INTERSECTION LM.107		
SHEET 85	OF	121

[illegible]

11/12/2019



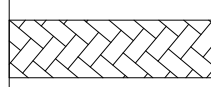
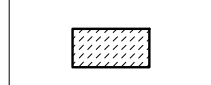
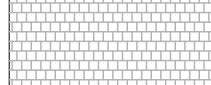
GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95407, USA
T 1 707 523 1010 **F** 1 707 527 8679
W www.ghd.com

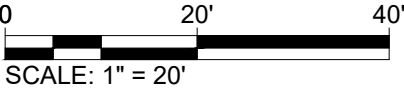
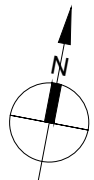
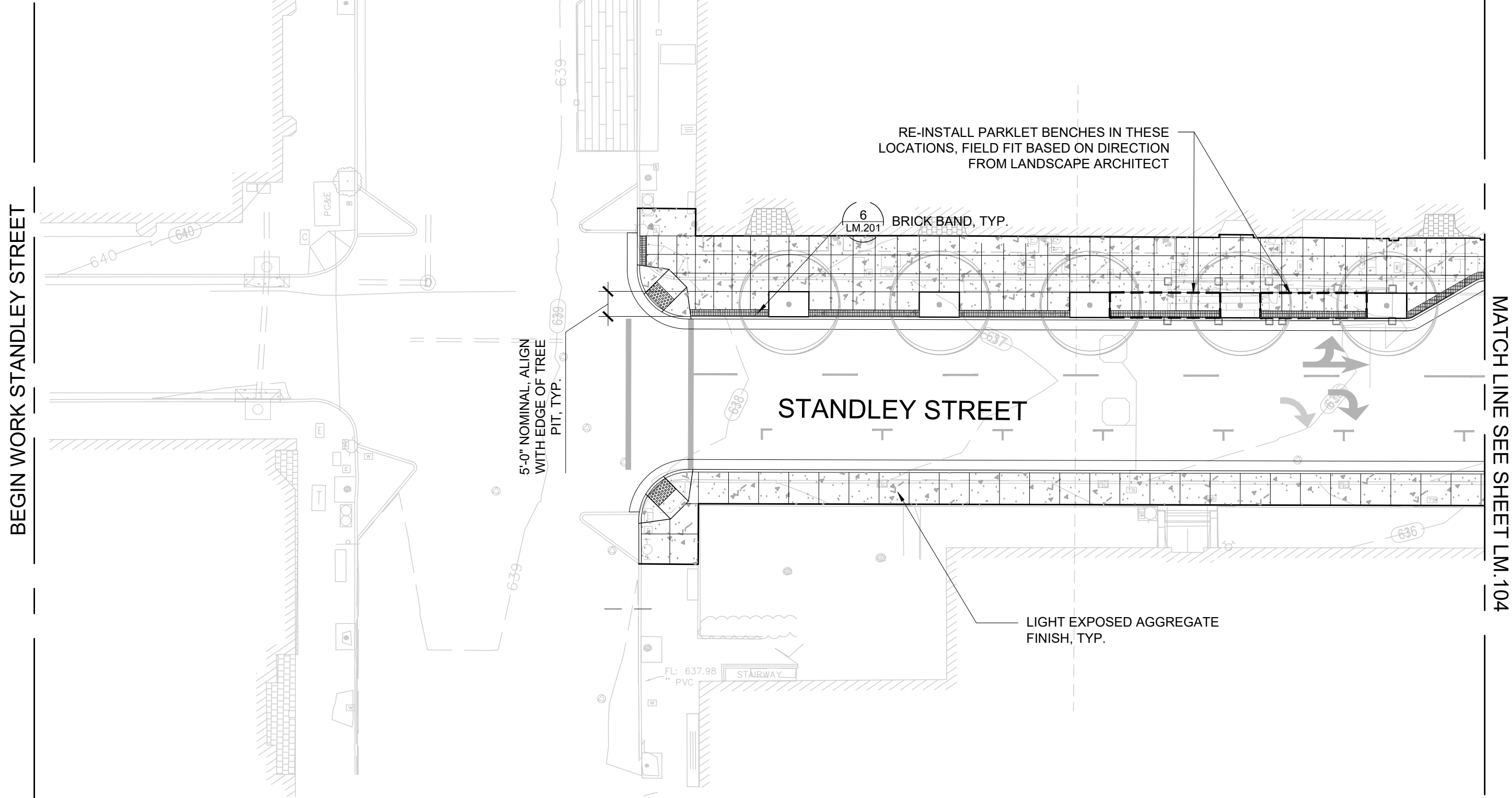


Wallace Roberts & Todd, LLC
478 Tehama Street, Suite 2B 415.575.4722
San Francisco, CA 94103 fax 215.732.2551

2019-11-12 8:19 AM JTATRO
N:\8000\8333 UKIAH DOWNTOWN STREETSCAPE\4-DOCUMENTS\6-BID SET\LM.108 STANDLEY STREET.DWG

LANDSCAPE LAYOUT LEGEND

SYMBOL	TYPE	DETAIL
●	TRASH RECEPTACLE, SURFACE MOUNT	
I	BIKE RACK, SURFACE MOUNT	2 LM.200
▬	BENCH, SURFACE MOUNT	3 LM.200
*—○	STREET LIGHT WITH MOUNTED SIGNAL	SED
*	PEDESTRIAN-LEVEL STREET LIGHT TYPE 1	SED
* ₂	PEDESTRIAN-LEVEL STREET LIGHT TYPE 2	SED
⊠	PEDESTRIAN-LEVEL STREET LIGHT WITH SIGNAL	SED
	CIP CONCRETE PAVING WITH LIGHT EXPOSED AGGREGATE, SCORE JOINT PER PLAN	SCD
	CIP CONCRETE PAVING WITH MEDIUM EXPOSED AGGREGATE FINISH, 1.5'X3' SCORE JOINT GRID	SCD
	THERMOPLASTIC DECORATIVE TREATMENT AT CROSSWALKS	SCD
	TREE PIT WITH DECOMPOSED GRANITE MULCH 3'X5' OR 5'X8' PER PLAN	7 LP.200
—●—●—●—●—	PLANTER RAIL	1 LM.200
● _{JP}	EXISTING UTILITY POLE, SCD	
	EXISTING SPECIALTY PAVING TO REMAIN AND BE PROTECTED	
	EXISTING TREE TO REMAIN AND BE PROTECTED	



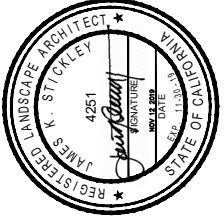
CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT

LANDSCAPE MATERIALS &
FURNISHINGS PLAN

PROJ NO:	11191705
DRWN:	CHKD:

STANDLEY
STREET
LM.108

SHEET 86 OF 121



BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"

REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	11/12/2019			

GHD Inc.
2235 Mercury Way, Suite 150
San Francisco, CA 94115 USA
T 415 774 3500 F 415 774 3501
W www.ghd.com

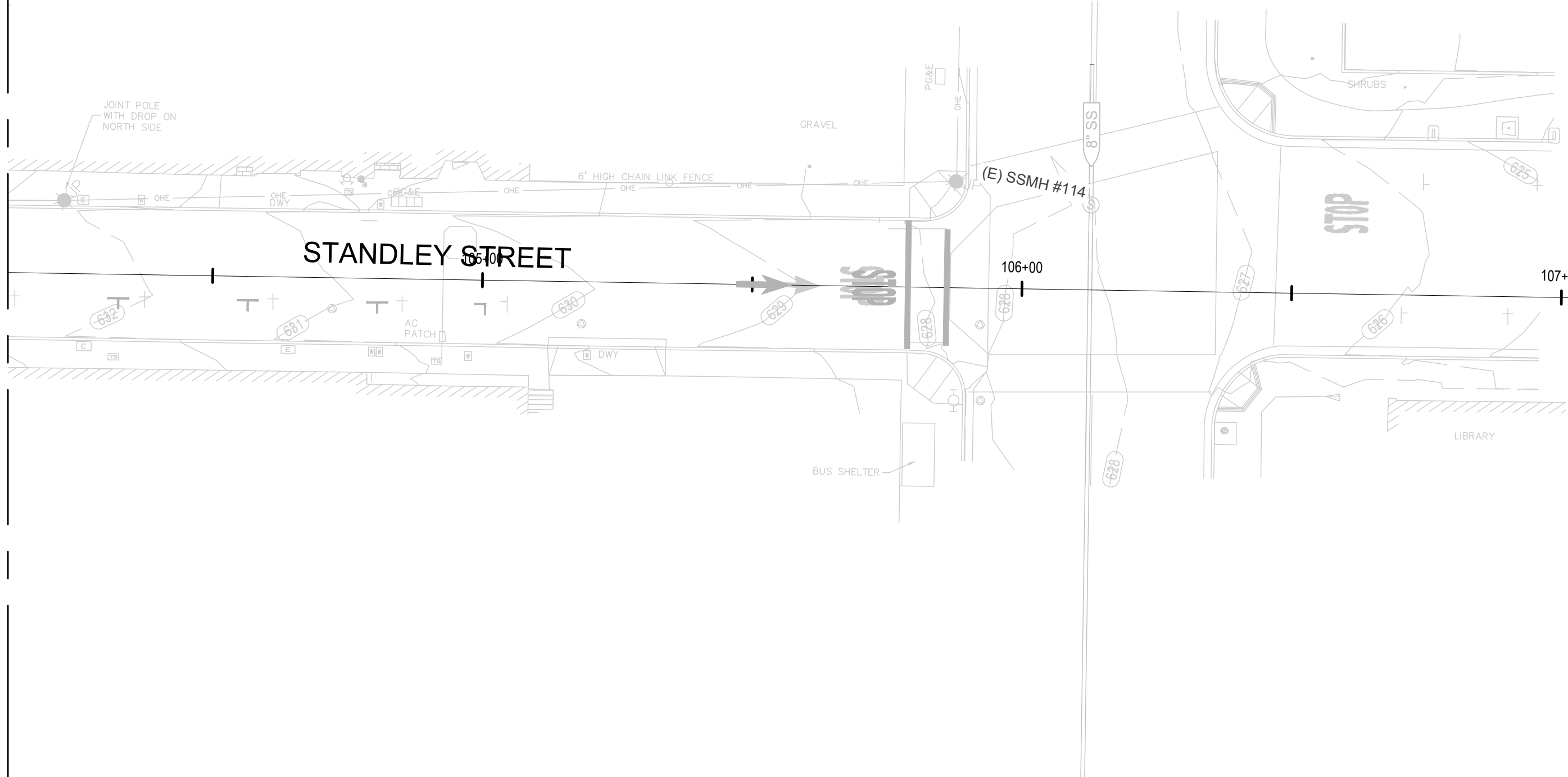


Wallace Roberts & Todd, LLC
400 Market Street, Suite 200
San Francisco, CA 94103
T 415 397 4722 F 415 397 4723
W www.wrt.com



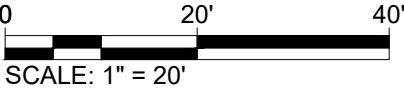
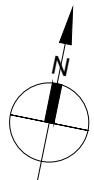
11/12/2019

MATCH LINE SEE SHEET LM.108



NOTE: NO LANDSCAPE IMPROVEMENTS. FOR REFERENCE ONLY.

END WORK STANDLEY STREET



CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT

LANDSCAPE MATERIALS &
FURNISHINGS PLAN

PROJ NO: 11191705
DRWN: CHKD:

MAIN
STREET
LM.109

SHEET 87 OF 121

BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"

REUSE OF DOCUMENTS
This document and the ideas and designs
incorporated herein, as an instrument of
professional service, is the property of GHD
and shall not be reused in whole or in part
for any other project without GHD's written
authorization.
© 2019 GHD



11/12/2019

GHD Inc.
2235 Mercury Way, Suite 150
San Francisco, CA 94111 USA
T 415.774.2500 F 415.774.2501
W www.ghd.com



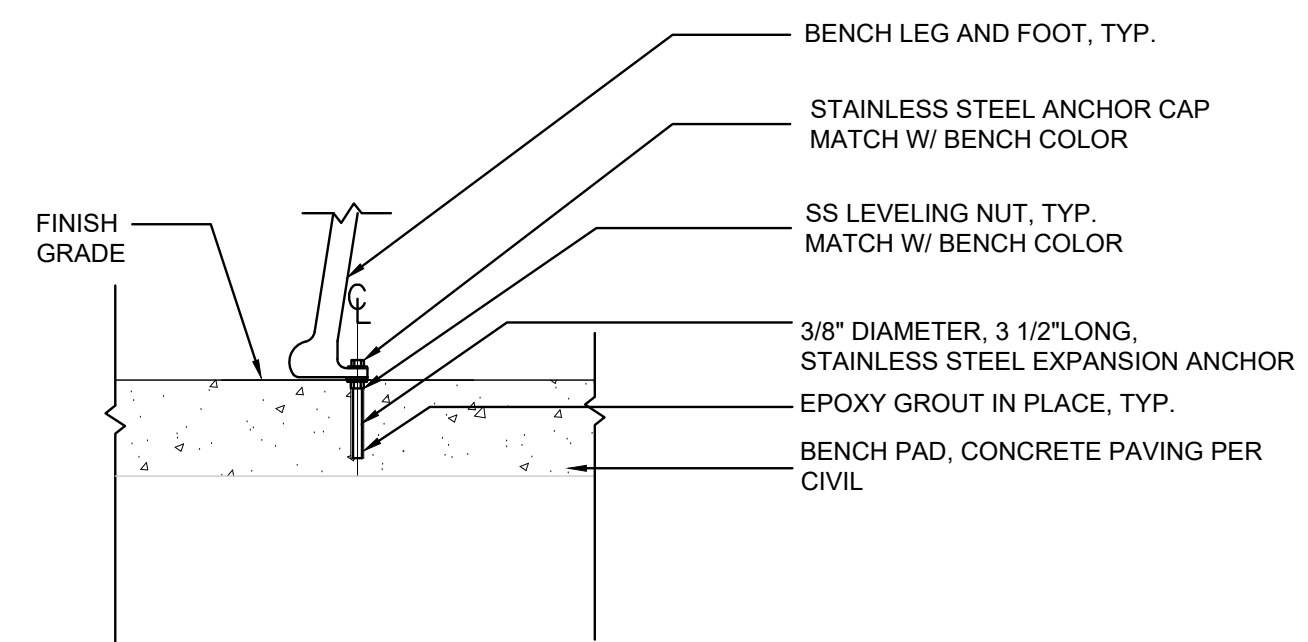
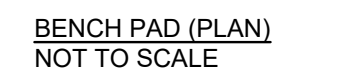
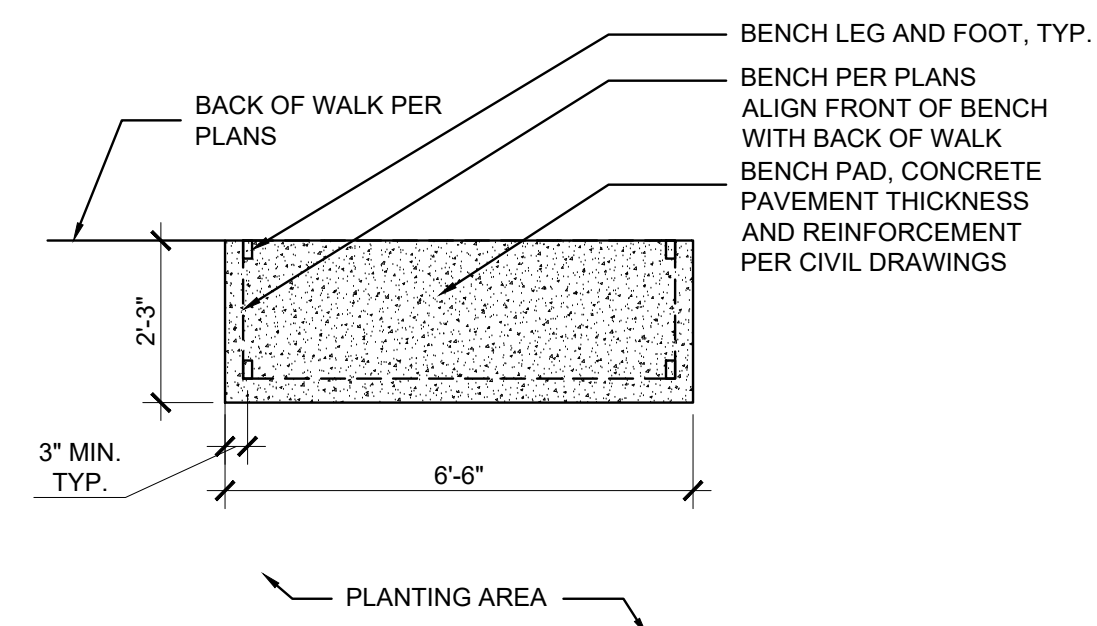
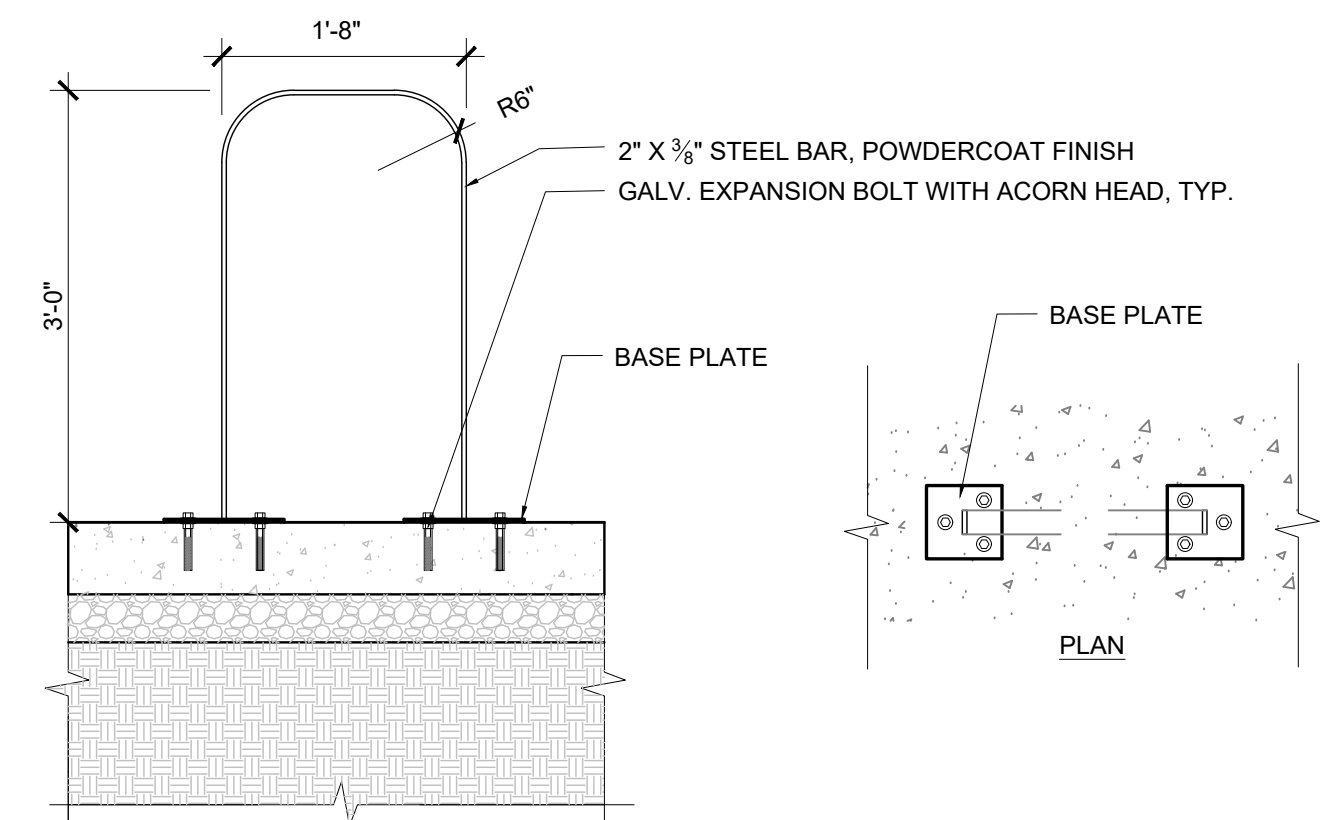
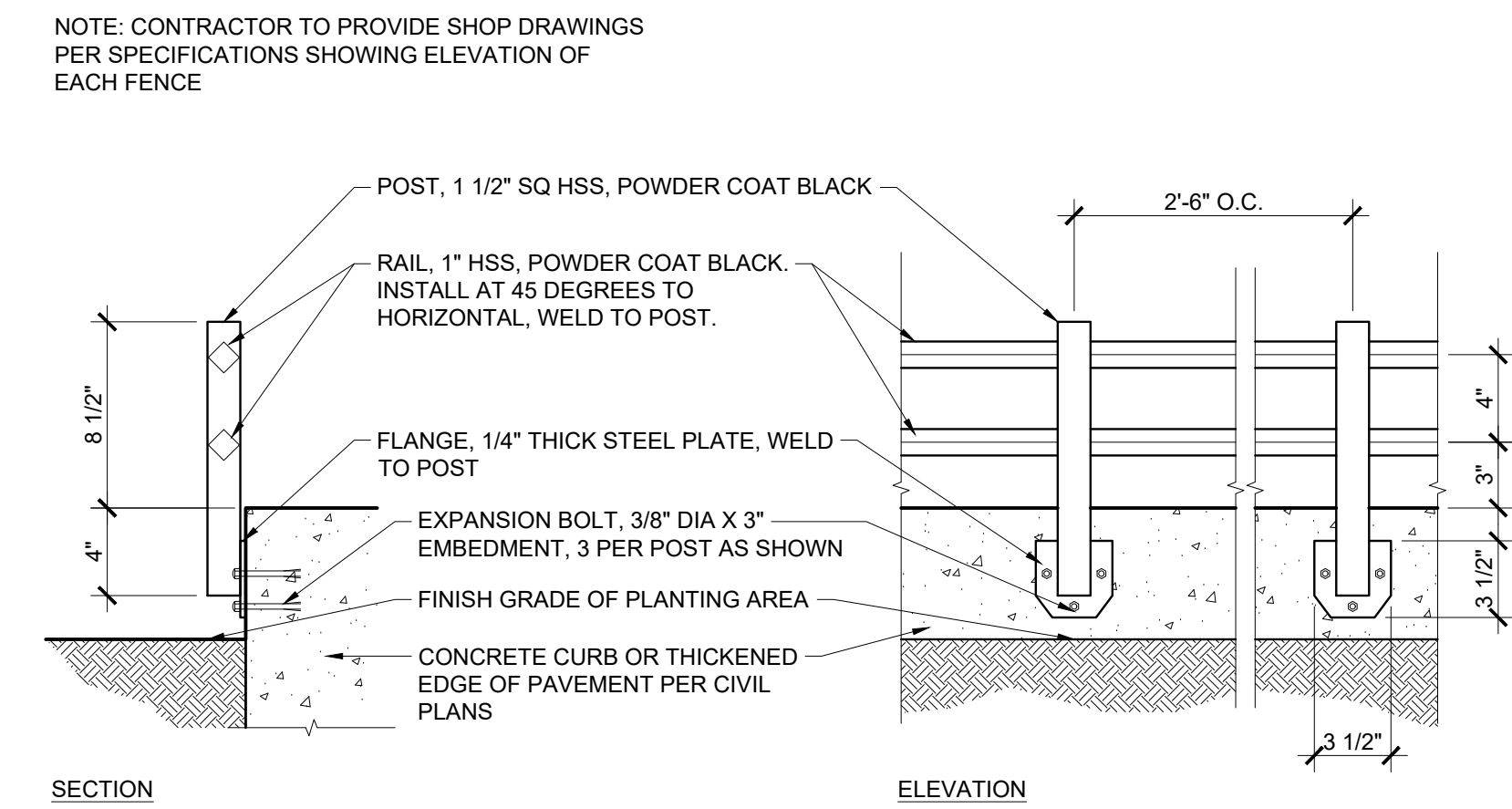
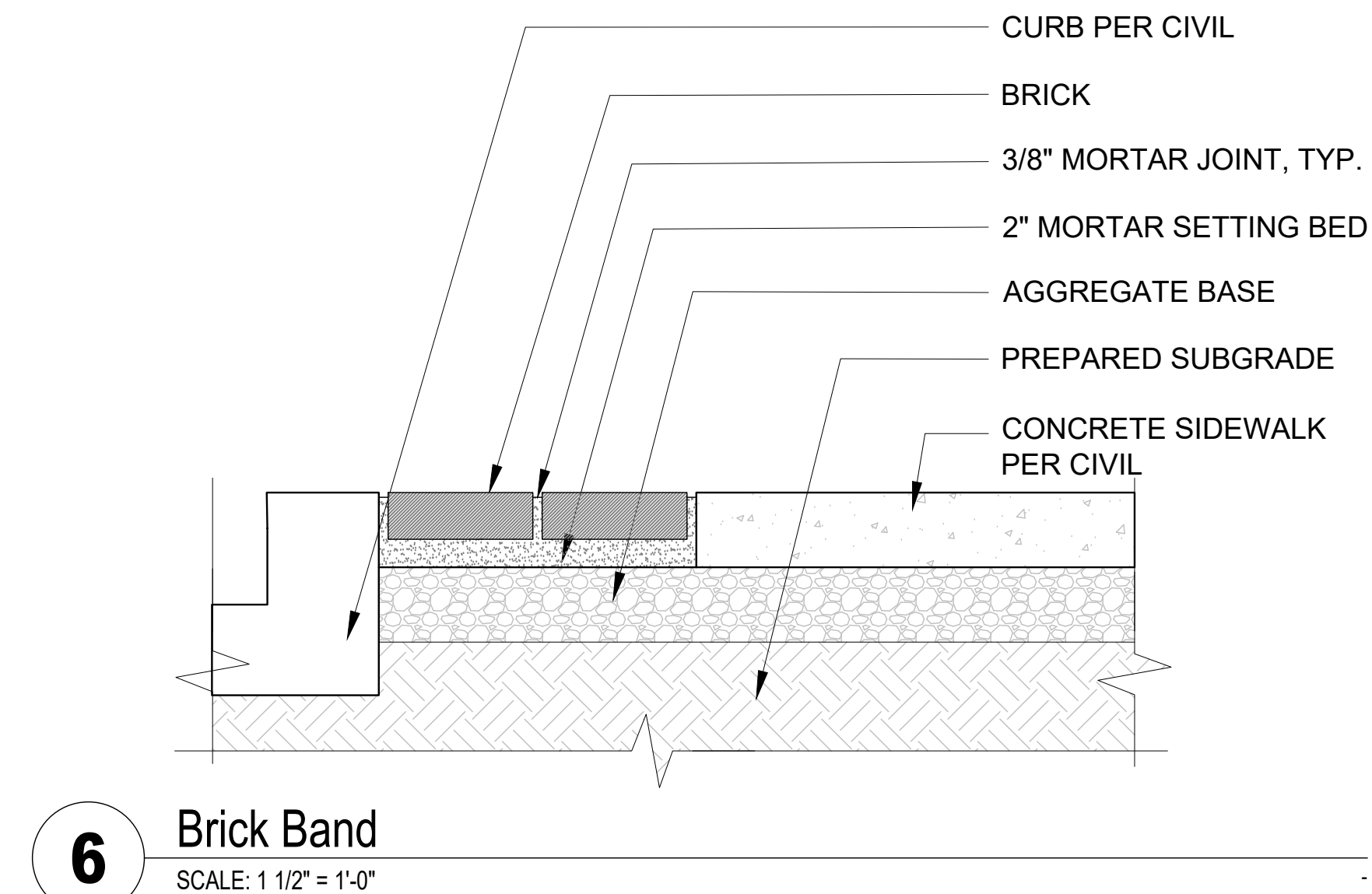
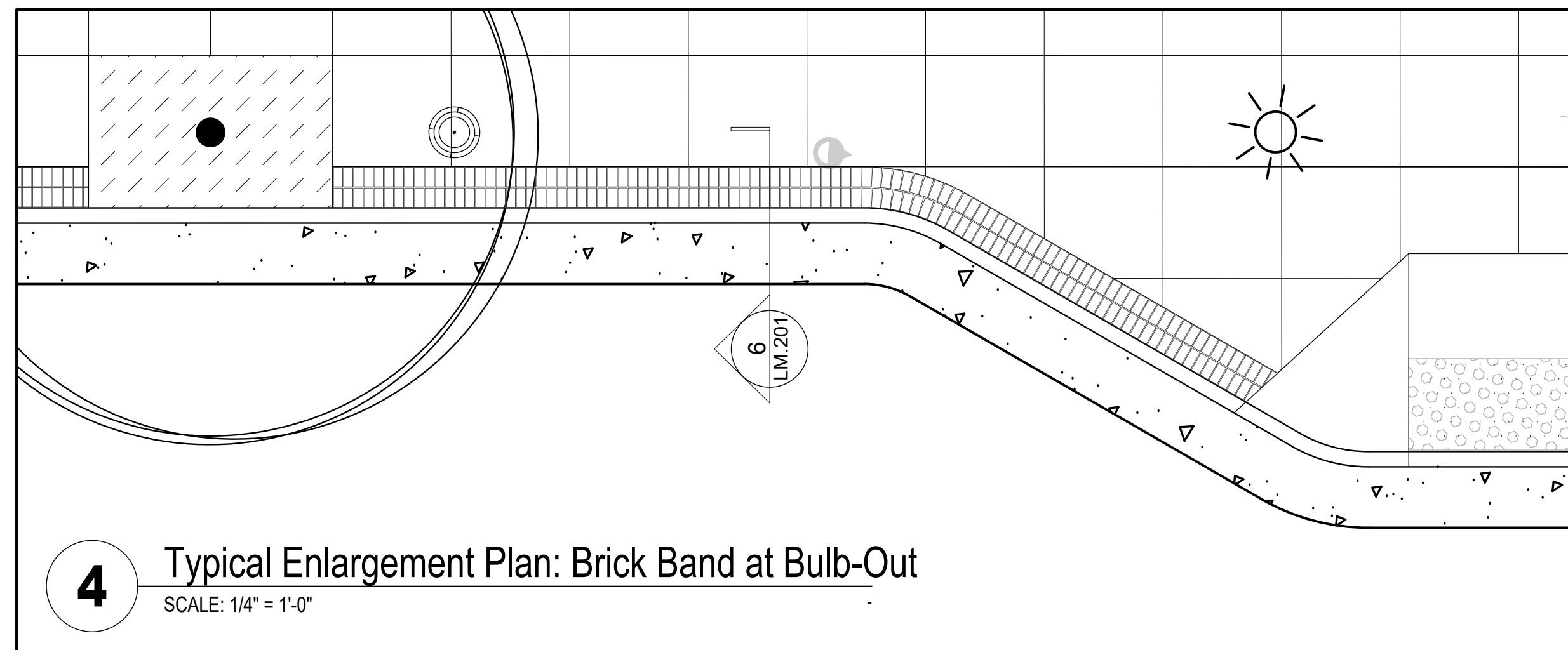
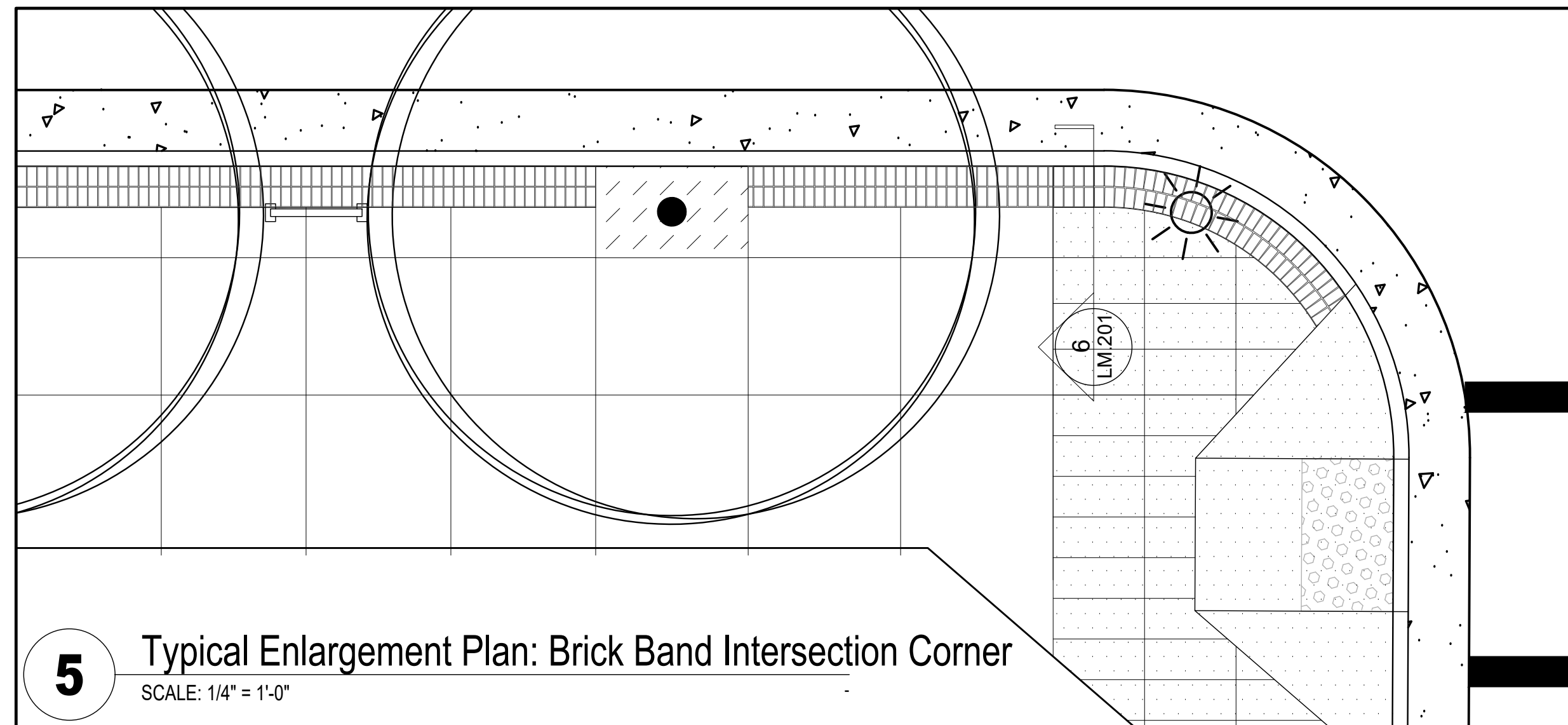
Wallace Roberts & Todd, LLC
400 Vesuvius Avenue, Suite 200
San Francisco, CA 94103
T 415.774.2501 F 415.774.2501
W www.wrt.com



Wallace Roberts & Todd, LLC
400 Vesuvius Avenue, Suite 200
San Francisco, CA 94103
T 415.774.2501 F 415.774.2501
W www.wrt.com



Wallace Roberts & Todd, LLC
400 Vesuvius Avenue, Suite 200
San Francisco, CA 94103
T 415.774.2501 F 415.774.2501
W www.wrt.com



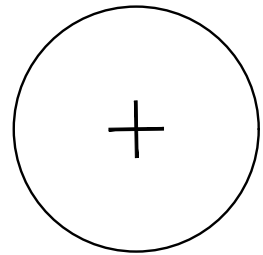
NOTE:
COORDINATE EXACT MOUNTING WITH MANUFACTURER

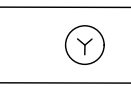
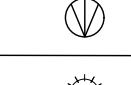
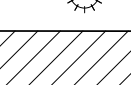
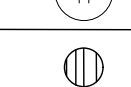
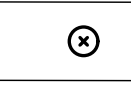
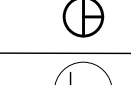
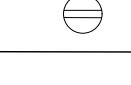
2019-11-12 9:21 AM JTATRO
N:\8000\8333 UKIAH DOWNTOWN STREETSCAPE\4-DOCUMENTS\6-BID SET\LP 100 E. MILL STREET.DWG

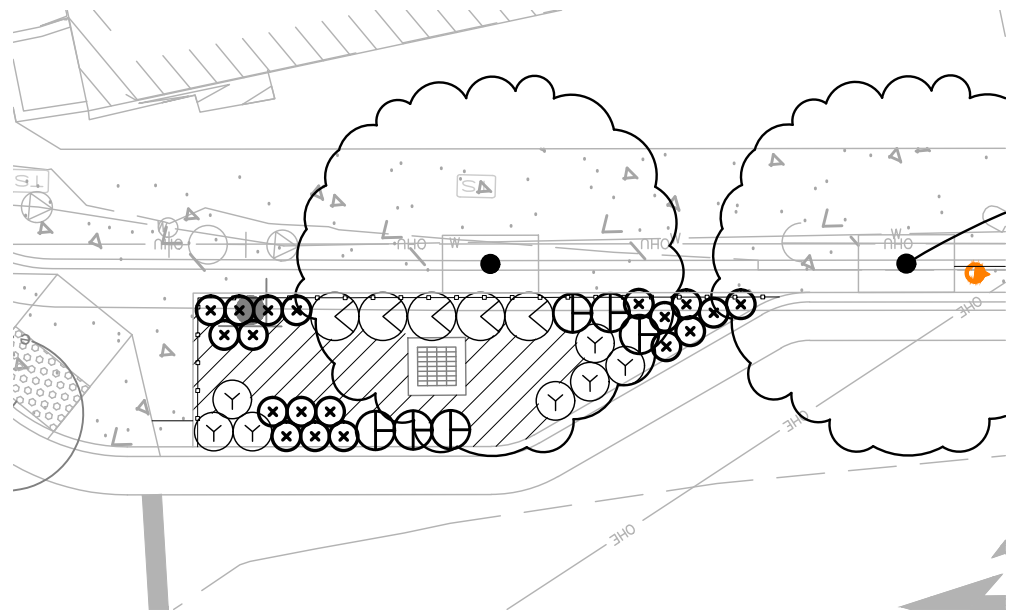
PLANTING NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING HIM/HERSELF FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPES AND STRUCTURES. CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR ANY COST INCURRED DUE TO DAMAGE OF SAID UTILITIES.
2. CONTRACTOR SHALL NOT WILLFULLY PROCEED WITH CONSTRUCTION AS DESIGNED WHEN IT IS OBVIOUS THAT UNKNOWN OBSTRUCTIONS AND/OR GRADE DIFFERENCES EXIST THAT MAY NOT HAVE BEEN KNOWN DURING DESIGN. SUCH CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY REVISIONS DUE TO FAILURE TO GIVE SUCH NOTIFICATION.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH SUBCONTRACTORS AS REQUIRED TO ACCOMPLISH PLANTING OPERATIONS.
4. SEE SPECIFICATIONS FOR PLANTING REQUIREMENTS, MATERIALS, EXECUTION, MAINTENANCE, AND ADDITIONAL INFO.
5. SEE DETAILS AND SPECIFICATIONS FOR PLANTING STAKING METHOD AND PLANTING SOIL REQUIREMENTS.
6. IF CONFLICTS ARISE BETWEEN SIZE OF AREAS AND PLANS, CONTRACTOR SHALL CONTACT ENGINEER FOR RESOLUTION. FAILURE TO MAKE SUCH CONFLICTS KNOWN WILL RESULT IN CONTRACTOR'S LIABILITY FOR MATERIALS RELOCATION.
7. GROUNDCOVERS SHALL BE SPACED PER DETAILS. SHRUBS, PERENNIALS AND GRASSES SHALL BE SPACED PER PLAN OR PER DETAIL AS REQUIRED.
8. TREE LOCATIONS MAY BE ADJUSTED IN THE FIELD TO SUIT SPECIFIC SITE REQUIREMENTS AS DIRECTED BY ENGINEER. STAKE ALL TREE PLANTING LOCATIONS FOR APPROVAL.
9. ALL WORK TO BE PERFORMED BY LICENSED (C27) CONTRACTORS AND EXPERIENCED WORKERS.
10. SEE PLANTING LEGEND, SPECS AND BID ALTERNATE NOTES FOR BID ALTERNATE PLANT MATERIAL AREAS.
11. SEE LANDSCAPE LAYOUT PLANS FOR GRAVEL VS. WOOD MULCH AREAS.
12. SEE CIVIL DRAWINGS FOR RAIN GARDEN AREAS.
13. FOR MULCH TYPE REFER TO LANDSCAPE LAYOUT PLANS.

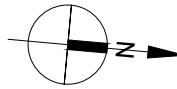
PLANTING LEGEND

TREES		
SYMBOL	BOTANICAL NAME COMMON NAME	WUCOLS RATING
ACE MAC	ACER MACROPHYLLUM BIG LEAF MAPLE	M
ACE RUB	ACER RUBRUM 'OCTOBER GLOW' OCTOBER GLOW RED MAPLE	M
AES CAR	AESCULUS X CARNEA RED HORSE CHESTNUT	M
CHI TAS	X CHITALPA TASHKENTENSIS 'PINK DAWN' PINK DAWN CHITALPA	L
KOE PAN	KOELREUTERIA PANICULATA GOLDEN RAIN TREE	M
MAG SOU	MAGNOLIA X SOULANGEANA SAUCER MAGNOLIA	M
PLA ACE	PLATANUS X ACERIFOLIA LONDON PLANE TREE	M
QUE AGR	QUERCUS AGRIFOLIA COAST LIVE OAK	VL
ROB AMB	ROBINIA X AMBIGUA 'PURPLE ROBE' PURPLE ROBE LOCUST	L
ULM PAR	ULMUS PARVIFOLIA 'DRAKE' DRAKE CHINESE ELM	L
	EXISTING TREE TO REMAIN AND BE PROTECTED. SEE SPECIFICATIONS FOR TREE PROTECTION	

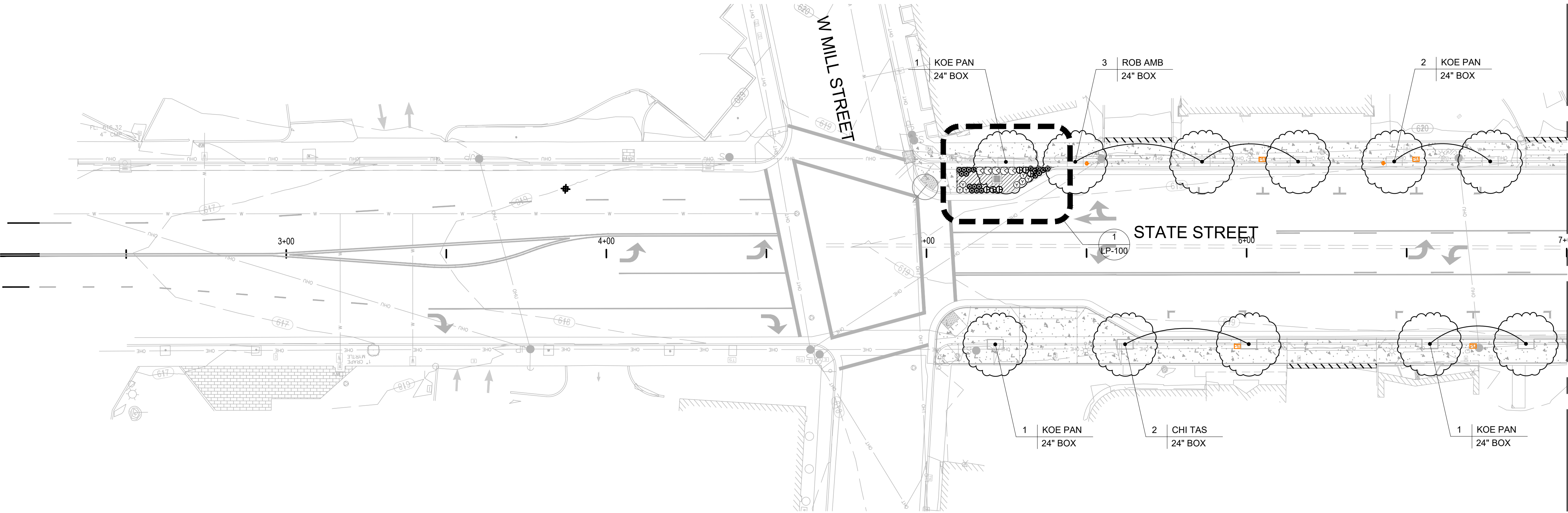
SHRUB AND GROUNDCOVER CONTAINER PLANTS AND MATERIALS					
SYMBOL	BOTANICAL NAME COMMON NAME	SIZE	WUCOLS RATING	SPACING	
	ACHILLEA MILLEFOLIUM 'MOONSHINE' MOONSHINE YARROW	1 GAL	L	PER PLAN	
	ACHILLEA MILLEFOLIUM 'PAPRIKA' PAPRIKA YARROW	1 GAL	L		
	CALAMAGROSTIS X ACUTIFLORA 'OVERDAM' OVERDAM FEATHER REED GRASS	1 GAL	M		
	CAREX DIVULSA BERKELEY SEDGE	1 GAL	M	18"	
	CEANOTHUS MARITIMUS 'VALLEY VIOLET' VALLEY VIOLET CALIFORNIA LILAC	1 GAL	L	PER PLAN	
	EPILOBIUM CANUM 'EVERETT'S CHOICE' EVERETT'S CHOICE CALIFORNIA FUCHSIA	1 GAL	L		
	ERIGERON KARVINSKIANUS 'PROFUSION' PROFUSION SANTA BARBARA DAISY	1 GAL	L		
	GLADIOLUS COMMUNIS SUBSP. BYZANTINUS BYZANTINE GLADIOLA	BULB	M		
	IRIS DOUGLASIANA DOUGLAS IRIS	1 GAL	L		
	JUNCUS PATENS CALIFORNIA GRAY RUSH	1 GAL	L		
	LOMANDRA LONGIFOLIA 'BREEZE' BREEZE MAT RUSH	1 GAL	L		
	SANTOLINA CHAMAECYPARISSUS LAVENDER COTTON	1 GAL	L		
	STACHYS BYZANTINA LAMB'S EARS	1 GAL	L		
	TEUCRIMUM CHAMAEDRYS WALL GERMANDER	1 GAL	L		



1 ENLARGED PLANTING PLAN
SCALE: 1" = 10'-0"



0 20' 40'
SCALE: 1" = 20'



MATCH LINE SEE SHEET LP.101

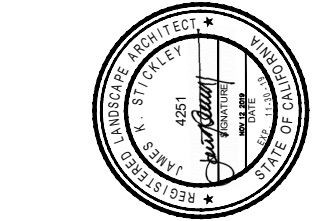
CITY OF UKIAH DOWNTOWN STREETSCAPE AND ROAD DIET PROJECT

LANDSCAPE PLANTING PLAN

PROJ NO: 11191705
DRWN: CHKD:
E. MILL STREET
LP.100

SHEET 89 OF 121

BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"
REUSE OF DOCUMENTS
This document and the ideas and designs
incorporated herein, as an instrument of
professional service, is the property of GHD
and shall not be reused in whole or in part
for any other project without GHD's written
authorization.
© 2019 GHD



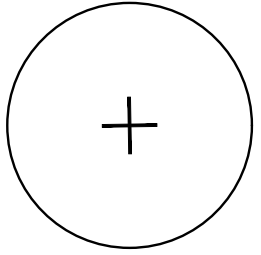
11/12/2019

GHD Inc.
2235 Mercury Way, Suite 150
San Francisco, CA 94115 USA
T 415 774 3500 F 415 774 3501
W www.ghd.com
Wallace Roberts & Todd, LLC
400 Market Street, Suite 200
San Francisco, CA 94102
T 415 398 4472 F 415 398 4473
W www.wrt.com

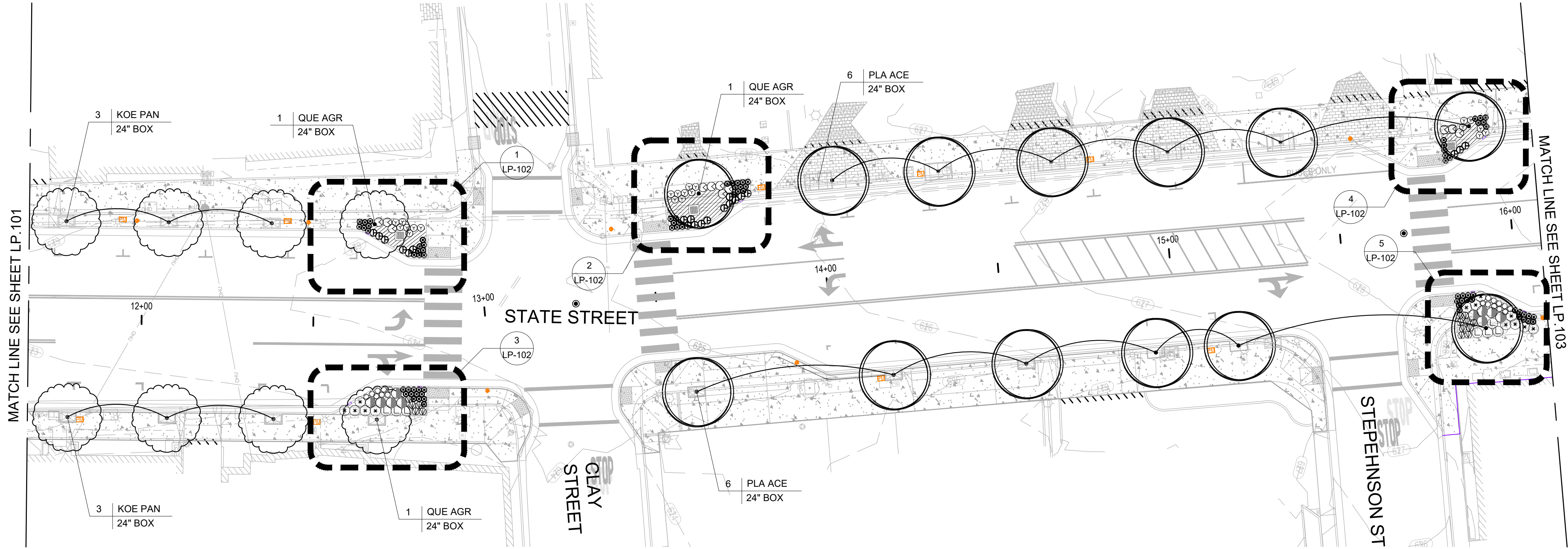
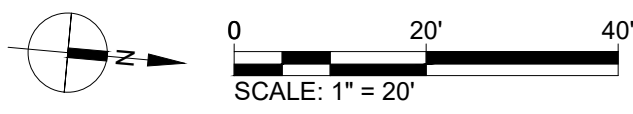
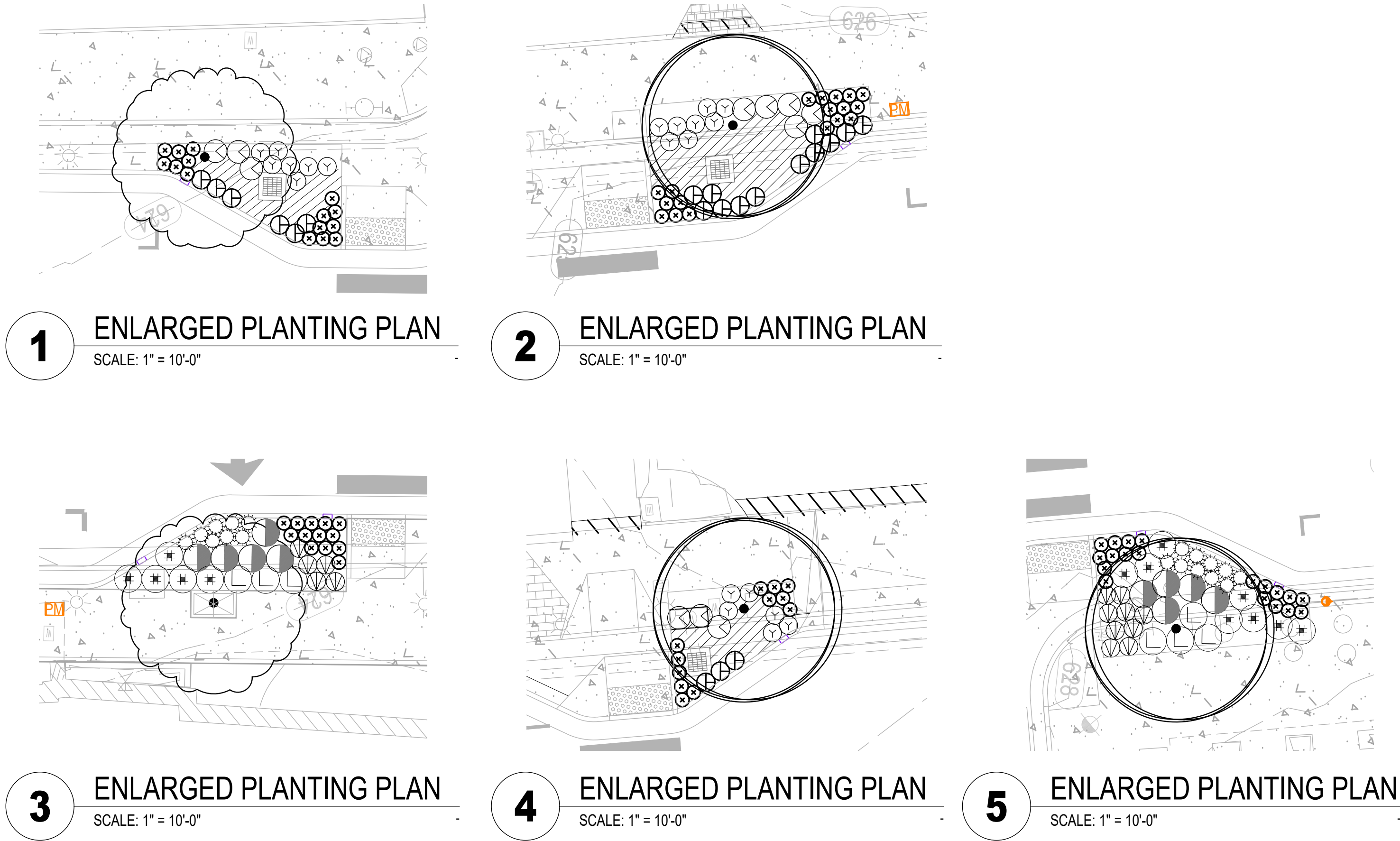


Planning & Design

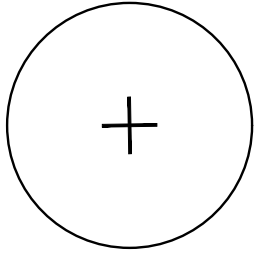
PLANTING LEGEND

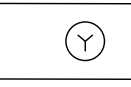
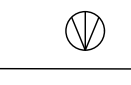
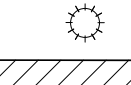
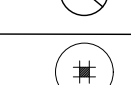
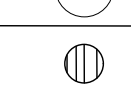
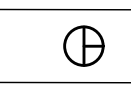
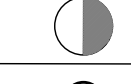
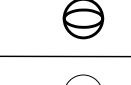
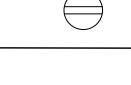
TREES		
SYMBOL	BOTANICAL NAME COMMON NAME	WUCOLS RATING
ACE MAC	ACER MACROPHYLLUM BIG LEAF MAPLE	M
ACE RUB	ACER RUBRUM 'OCTOBER GLOW' OCTOBER GLOW RED MAPLE	M
AES CAR	AESCULUS X CARNEA RED HORSE CHESTNUT	M
CHI TAS	X CHITALPA TASHKENTENSIS 'PINK DAWN' PINK DAWN CHITALPA	L
KOE PAN	KOELREUTERIA PANICULATA GOLDEN RAIN TREE	M
MAG SOU	MAGNOLIA X SOULANGEANA SAUCER MAGNOLIA	M
PLA ACE	PLATANUS X ACERIFOLIA LONDON PLANE TREE	M
QUE AGR	QUERCUS AGRIFOLIA COAST LIVE OAK	VL
ROB AMB	ROBINIA X AMBIGUA 'PURPLE ROBE' PURPLE ROBE LOCUST	L
ULM PAR	ULMUS PARVIFOLIA 'DRAKE' DRAKE CHINESE ELM	L
	EXISTING TREE TO REMAIN AND BE PROTECTED, SEE SPECIFICATIONS FOR TREE PROTECTION	

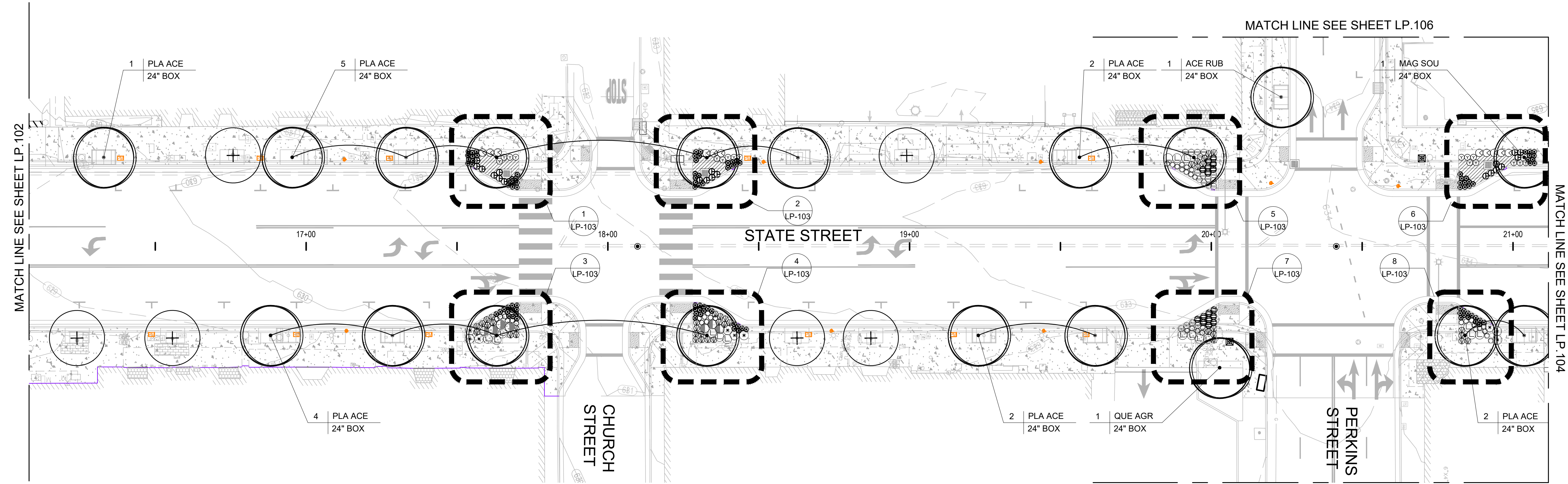
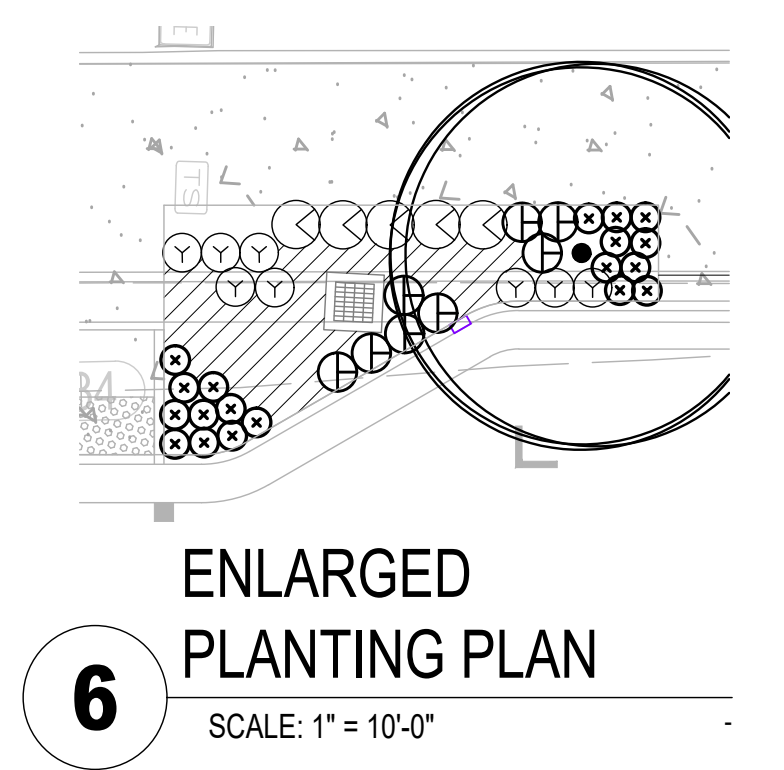
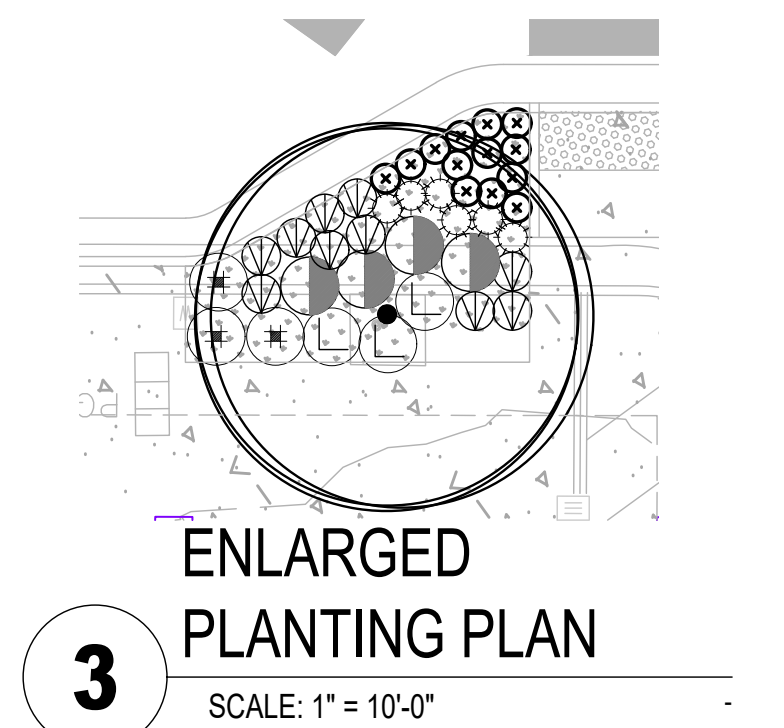
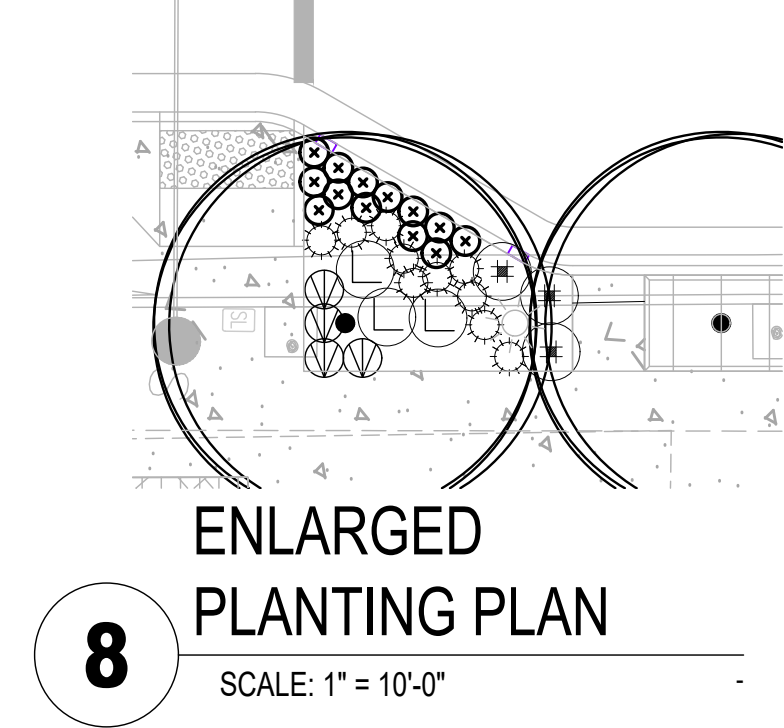
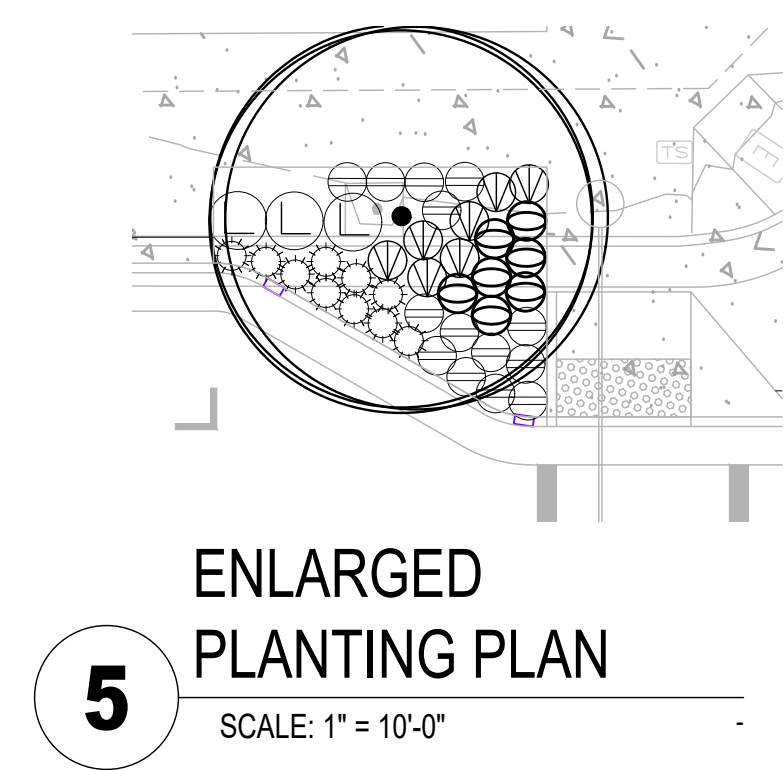
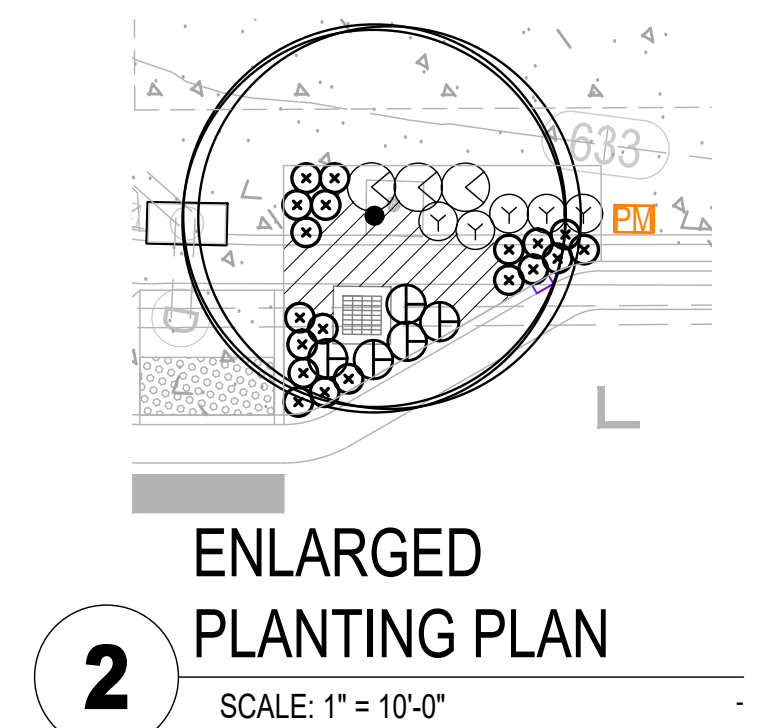
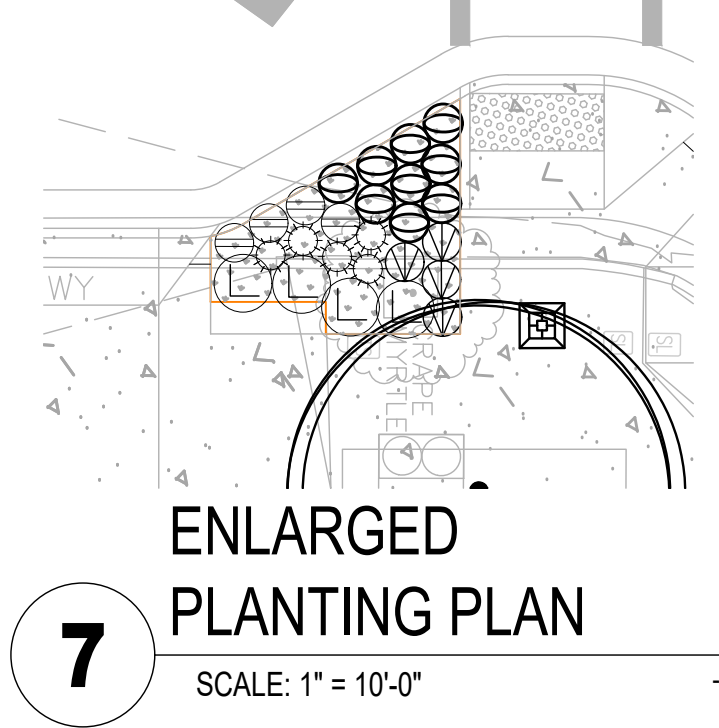
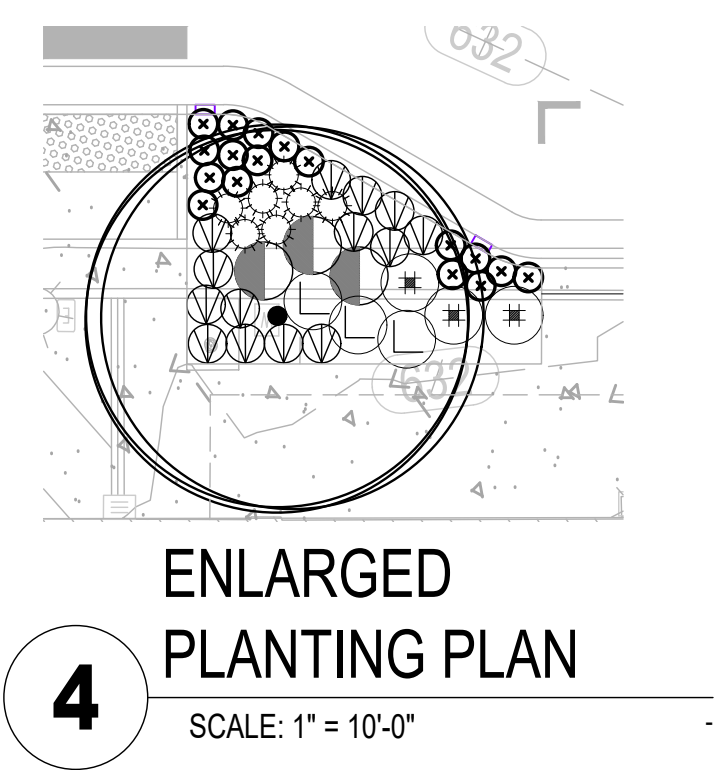
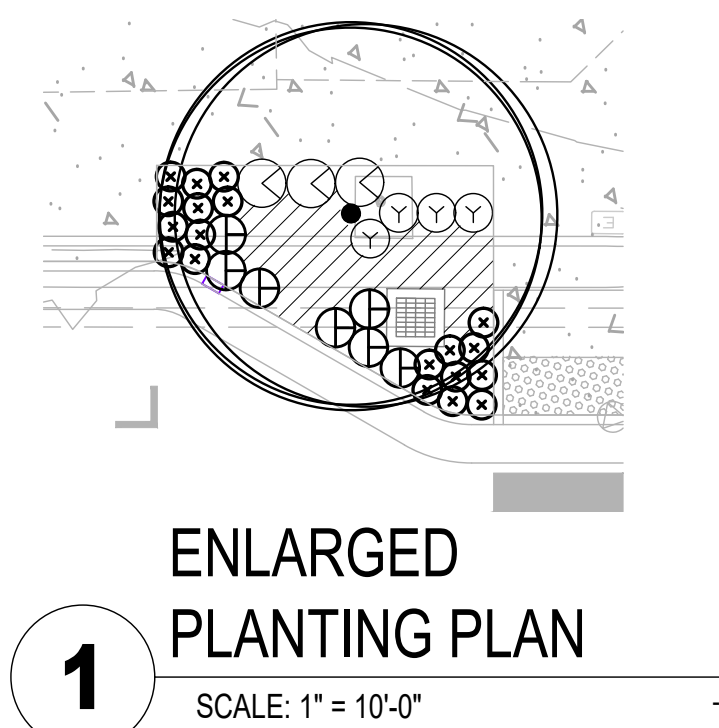
SHRUB AND GROUND COVER CONTAINER PLANTS AND MATERIALS				
SYMBOL	BOTANICAL NAME COMMON NAME	SIZE	WUCOLS RATING	SPACING
	ACHILLEA MILLEFOLIUM 'MOONSHINE' MOONSHINE YARROW	1 GAL	L	PER PLAN
	ACHILLEA MILLEFOLIUM 'PAPRIKA' PAPRIKA YARROW	1 GAL	L	
	CALAMAGROSTIS X ACUTIFLORA 'OVERDAM' OVERDAM FEATHER REED GRASS	1 GAL	M	
	CAREX DIVULSA BERKELEY SEDGE	1 GAL	M	18"
	CEANOTHUS MARITIMUS 'VALLEY VIOLET' VALLEY VIOLET CALIFORNIA LILAC	1 GAL	L	
	EPILOBIUM CANUM 'EVERETT'S CHOICE' EVERETT'S CHOICE CALIFORNIA FUCHSIA	1 GAL	L	
	ERIGERON KARVINSKIANUS 'PROFUSION' PROFUSION SANTA BARBARA DAISY	1 GAL	L	
	GLADIOLUS COMMUNIS SUBSP. BYZANTINUS BYZANTINE GLADIOLA	BULB	M	
	IRIS DOUGLASIANA DOUGLAS IRIS	1 GAL	L	
	JUNCUS PATENS CALIFORNIA GRAY RUSH	1 GAL	L	
	LOMANDRA LONGIFOLIA 'BREEZE' BREEZE MAT RUSH	1 GAL	L	
	SANTOLINA CHAMAECYPARISSUS LAVENDER COTTON	1 GAL	L	
	STACHYS BYZANTINA LAMB'S EARS	1 GAL	L	
	TEUCRIMUM CHAMAEDRYS WALL GERMANDER	1 GAL	L	



PLANTING LEGEND

TREES		
SYMBOL	BOTANICAL NAME COMMON NAME	WUCOLS RATING
ACE MAC	ACER MACROPHYLLUM BIG LEAF MAPLE	M
ACE RUB	ACER RUBRUM 'OCTOBER GLOW' OCTOBER GLOW RED MAPLE	M
AES CAR	AESCULUS X CARNEA RED HORSE CHESTNUT	M
CHI TAS	X CHITALPA TASHKENTENSIS 'PINK DAWN' PINK DAWN CHITALPA	L
KOE PAN	KOELREUTERIA PANICULATA GOLDEN RAIN TREE	M
MAG SOU	MAGNOLIA X SOULANGEANA SAUCER MAGNOLIA	M
PLA ACE	PLATANUS X ACERIFOLIA LONDON PLANE TREE	M
QUE AGR	QUERCUS AGRIFOLIA COAST LIVE OAK	VL
ROB AMB	ROBINIA X AMBIGUA 'PURPLE ROBE' PURPLE ROBE LOCUST	L
ULM PAR	ULMUS PARVIFOLIA 'DRAKE' DRAKE CHINESE ELM	L
	EXISTING TREE TO REMAIN AND BE PROTECTED, SEE SPECIFICATIONS FOR TREE PROTECTION	

SHRUB AND GROUND COVER CONTAINER PLANTS AND MATERIALS				
SYMBOL	BOTANICAL NAME COMMON NAME	SIZE	WUCOLS RATING	SPACING
	ACHILLEA MILLEFOLIUM 'MOONSHINE' MOONSHINE YARROW	1 GAL	L	PER PLAN
	ACHILLEA MILLEFOLIUM 'PAPRIKA' PAPRIKA YARROW	1 GAL	L	
	CALAMAGROSTIS X ACUTIFLORA 'OVERDAM' OVERDAM FEATHER REED GRASS	1 GAL	M	
	CAREX DIVULSA BERKELEY SEDGE	1 GAL	M	18"
	CEANOTHUS MARITIMUS 'VALLEY VIOLET' VALLEY VIOLET CALIFORNIA LILAC	1 GAL	L	PER PLAN
	EPILOBIUM CANUM 'EVERETT'S CHOICE' EVERETT'S CHOICE CALIFORNIA FUCHSIA	1 GAL	L	
	ERIGERON KARVINSKIANUS 'PROFUSION' PROFUSION SANTA BARBARA DAISY	1 GAL	L	
	GLADIOLUS COMMUNIS SUBSP. BYZANTINUS BYZANTINE GLADIOLA	BULB	M	
	IRIS DOUGLASIANA DOUGLAS IRIS	1 GAL	L	
	JUNCUS PATENS CALIFORNIA GRAY RUSH	1 GAL	L	
	LOMANDRA LONGIFOLIA 'BREEZE' BREEZE MAT RUSH	1 GAL	L	
	SANTOLINA CHAMAECYPARISSUS LAVENDER COTTON	1 GAL	L	
	STACHYS BYZANTINA LAMB'S EARS	1 GAL	L	
	TEUCRIUM CHAMAEDRYIS WALL GERMANDER	1 GAL	L	



CITY OF UKIAH DOWNTOWN STREETSCAPE AND ROAD DIET PROJECT

PROJ NO:	11191705
DRWN:	CHKD:
CHURCH STREET LP.103	
SHEET 92	OF 121

BAR IS ONE INCH ON
ORIGINAL DRAWING

0 1" 0

REUSE OF DOCUMENTS
This document and the ideas and designs
incorporated herein, as an instrument of
professional service, is the property of GHD
and shall not be reused in whole or in part
for any other project without GHD's written
authorization.
© 2019 GHD

11/12/2019

DATE

11/12/2019

DATE

MARK

DESCRIPTION

ISSUE

GHD Inc.
2235 Mercury Way, Suite 150
San Jose, California 95131 USA
T 408.523.1010 F 408.527.8679
W www.ghd.com

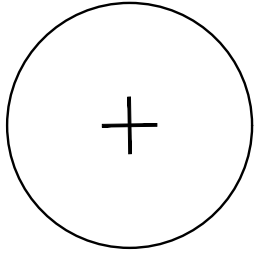


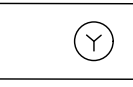
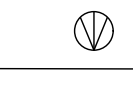
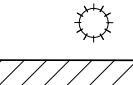
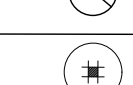
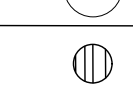
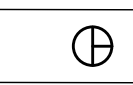
Wallace Roberts & Todd, LLC
470 Hayes Street, Suite 200
San Francisco, CA 94102
Tel 415.775.2551

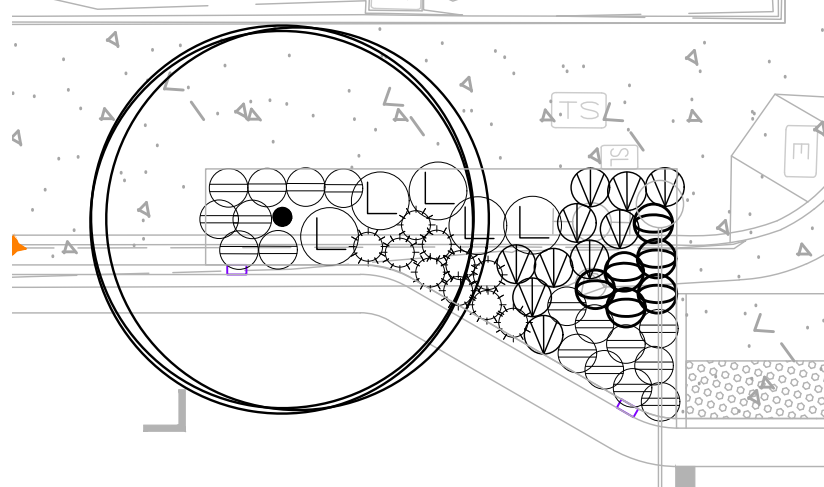


Page 117 of 691

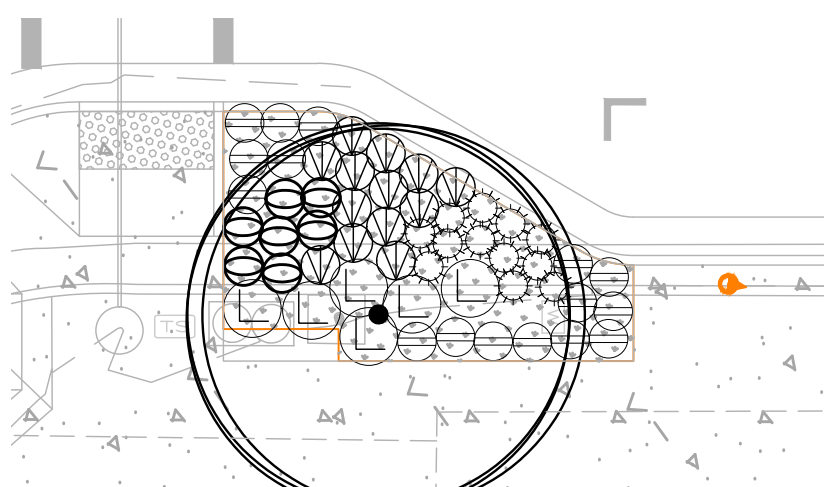
PLANTING LEGEND

TREES		
SYMBOL	BOTANICAL NAME COMMON NAME	WUCOLS RATING
ACE MAC	ACER MACROPHYLLUM BIG LEAF MAPLE	M
ACE RUB	ACER RUBRUM 'OCTOBER GLOW' OCTOBER GLOW RED MAPLE	M
AES CAR	AESCULUS X CARNEA RED HORSE CHESTNUT	M
CHI TAS	X CHITALPA TASHKENTENSIS 'PINK DAWN' PINK DAWN CHITALPA	L
KOE PAN	KOELREUTERIA PANICULATA GOLDEN RAIN TREE	M
MAG SOU	MAGNOLIA X SOULANGEANA SAUCER MAGNOLIA	M
PLA ACE	PLATANUS X ACERIFOLIA LONDON PLANE TREE	M
QUE AGR	QUERCUS AGRIFOLIA COAST LIVE OAK	VL
ROB AMB	ROBINIA X AMBIGUA 'PURPLE ROBE' PURPLE ROBE LOCUST	L
ULM PAR	ULMUS PARVIFOLIA 'DRAKE' DRAKE CHINESE ELM	L
	EXISTING TREE TO REMAIN AND BE PROTECTED, SEE SPECIFICATIONS FOR TREE PROTECTION	

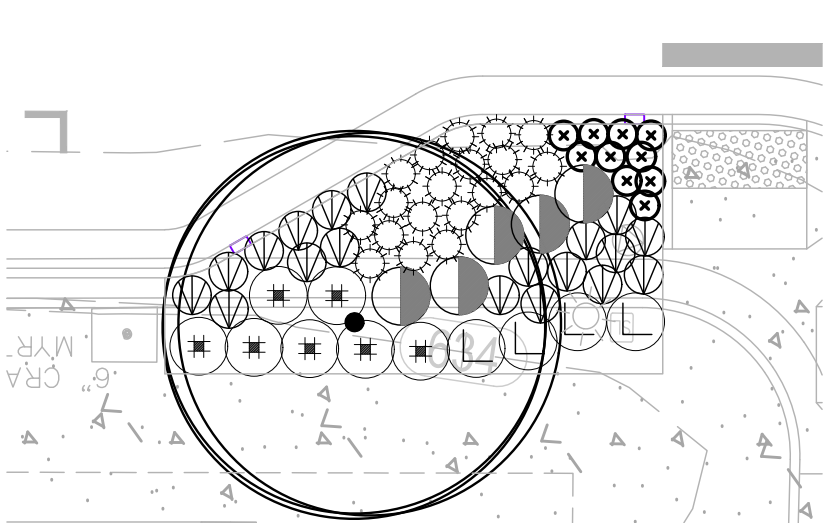
SHRUB AND GROUNDCOVER CONTAINER PLANTS AND MATERIALS				
SYMBOL	BOTANICAL NAME COMMON NAME	SIZE	WUCOLS RATING	SPACING
	ACHILLEA MILLEFOLIUM 'MOONSHINE' MOONSHINE YARROW	1 GAL	L	PER PLAN
	ACHILLEA MILLEFOLIUM 'PAPRIKA' PAPRIKA YARROW	1 GAL	L	
	CALAMAGROSIS X ACUTIFLORA 'OVERDAM' OVERDAM FEATHER REED GRASS	1 GAL	M	
	CAREX DIVULSA BERKELEY SEDGE	1 GAL	M	18"
	CEANOTHUS MARITIMUS 'VALLEY VIOLET' VALLEY VIOLET CALIFORNIA LILAC	1 GAL	L	PER PLAN
	EPILOBIUM CANUM 'EVERETT'S CHOICE' EVERETT'S CHOICE CALIFORNIA FUCHSIA	1 GAL	L	
	ERIGERON KARVINSKIANUS 'PROFUSION' PROFUSION SANTA BARBARA DAISY	1 GAL	L	
	GLADIOLUS COMMUNIS SUBSP. BYZANTINUS BYZANTINE GLADIOLA	BULB	M	
	IRIS DOUGLASIANA DOUGLAS IRIS	1 GAL	L	
	JUNCUS PATENS CALIFORNIA GRAY RUSH	1 GAL	L	
	LOMANDRA LONGIFOLIA 'BREEZE' BREEZE MAT RUSH	1 GAL	L	
	SANTOLINA CHAMAECYPARISSUS LAVENDER COTTON	1 GAL	L	
	STACHYS BYZANTINA LAMB'S EARS	1 GAL	L	
	TEUCRIUM CHAMAEDRYS WALL GERMANDER	1 GAL	L	



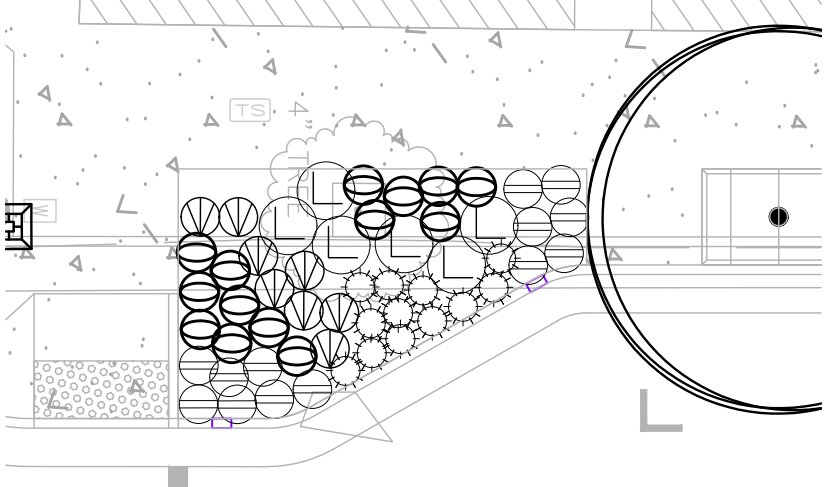
1
ENLARGED
PLANTING PLAN
SCALE: 1" = 10'-0"



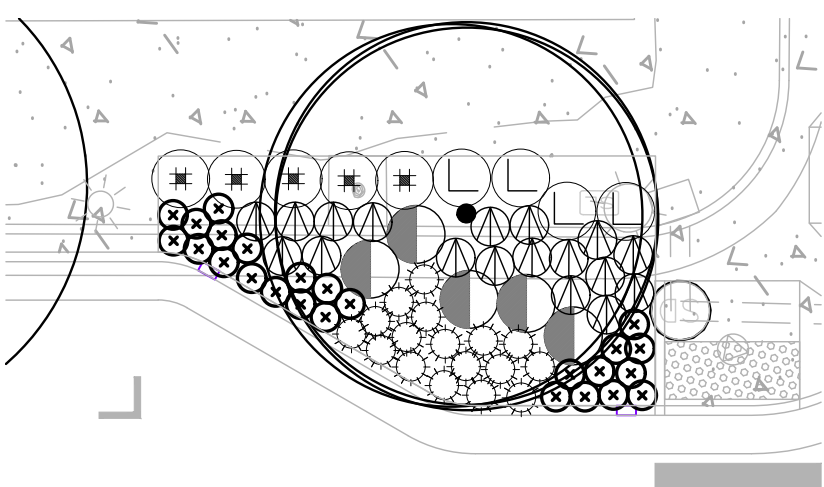
4
ENLARGED
PLANTING PLAN
SCALE: 1" = 10'-0"



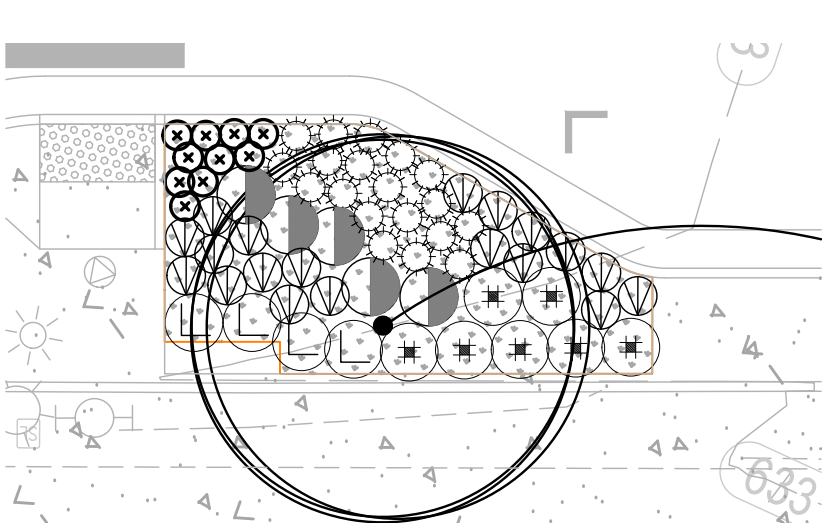
7
ENLARGED
PLANTING PLAN
SCALE: 1" = 10'-0"



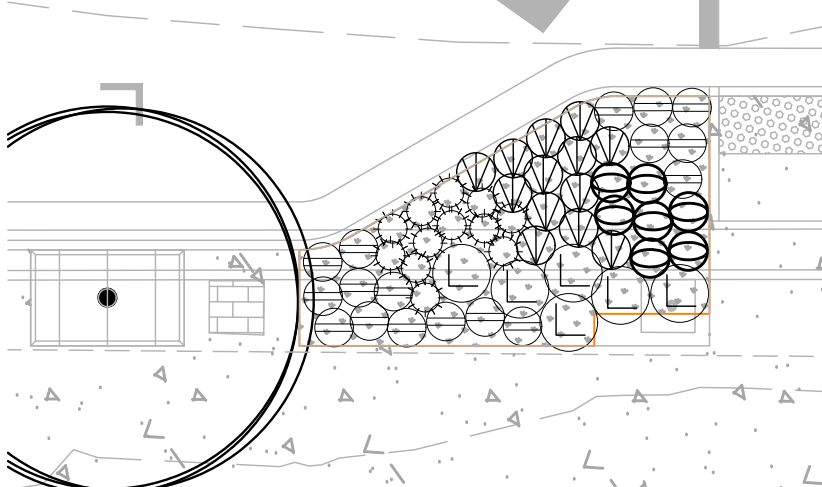
2
ENLARGED
PLANTING PLAN
SCALE: 1" = 10'-0"



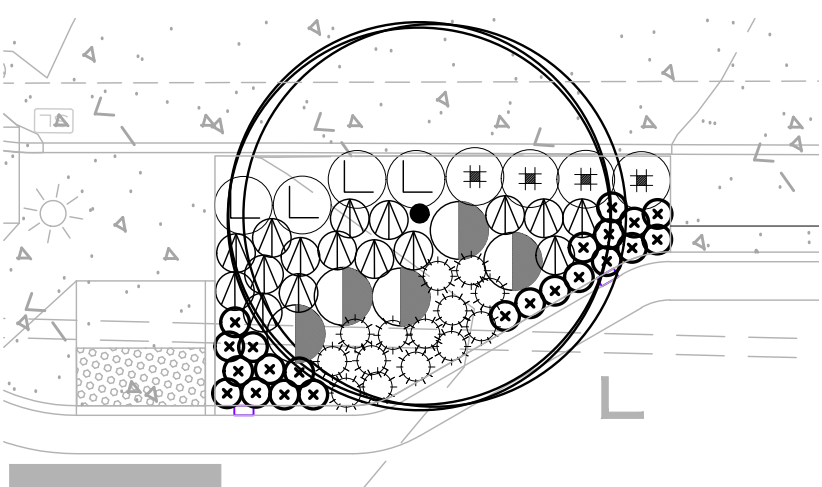
5
ENLARGED
PLANTING PLAN
SCALE: 1" = 10'-0"



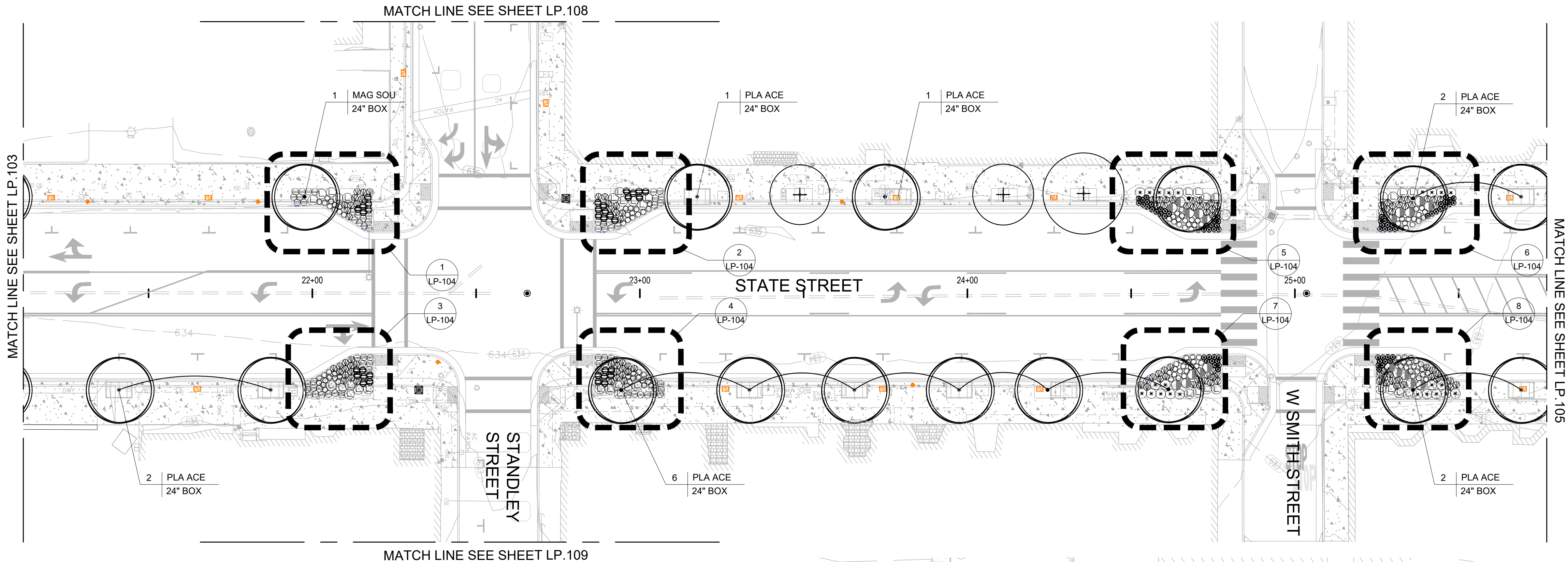
8
ENLARGED
PLANTING PLAN
SCALE: 1" = 10'-0"



3
ENLARGED
PLANTING PLAN
SCALE: 1" = 10'-0"



6
ENLARGED
PLANTING PLAN
SCALE: 1" = 10'-0"

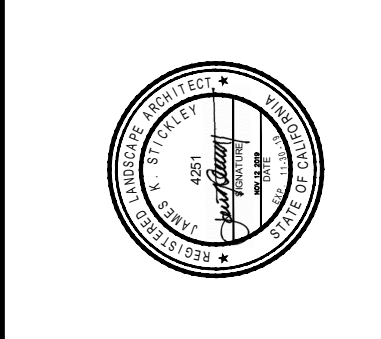


CITY OF UKIAH DOWNTOWN STREETSCAPE AND ROAD DIET PROJECT

PROJ NO: 11191705
DRWN: CHKD:
SMITH STREET
LP.104
SHEET 93 OF 121

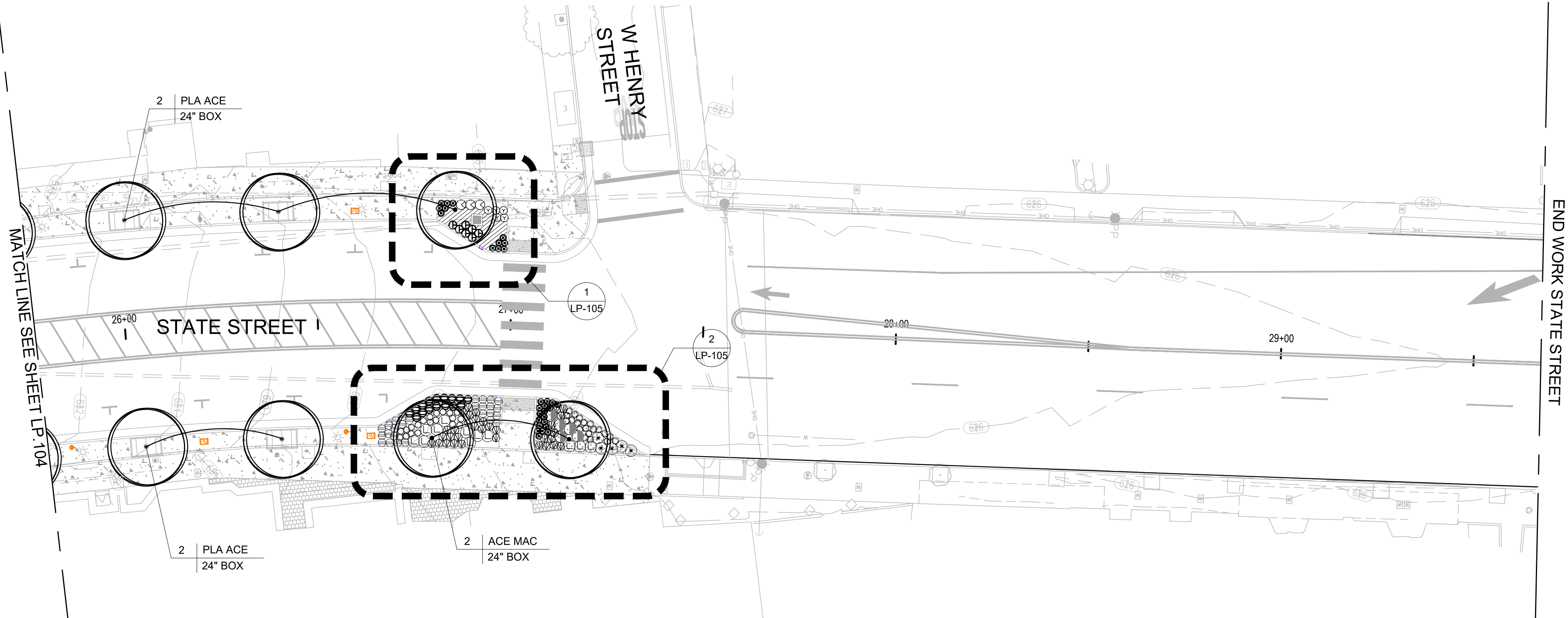
MARK	DATE	BID SET	DESCRIPTION	ISSUE
	11/12/2019			

REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD



GHD Inc.
2235 Mercury Way, Suite 150
San Francisco, CA 94105 USA
T 415 774 5231 F 415 774 5278
W www.ghd.com

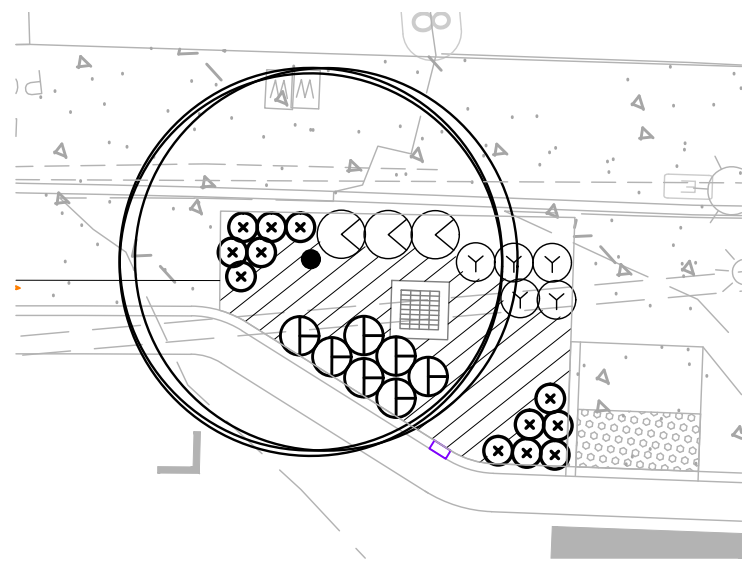
Wallace Roberts & Todd, LLC
400 Market Street, Suite 200
San Francisco, CA 94102
T 415 398 7551 F 415 398 7552
W www.wrt.com



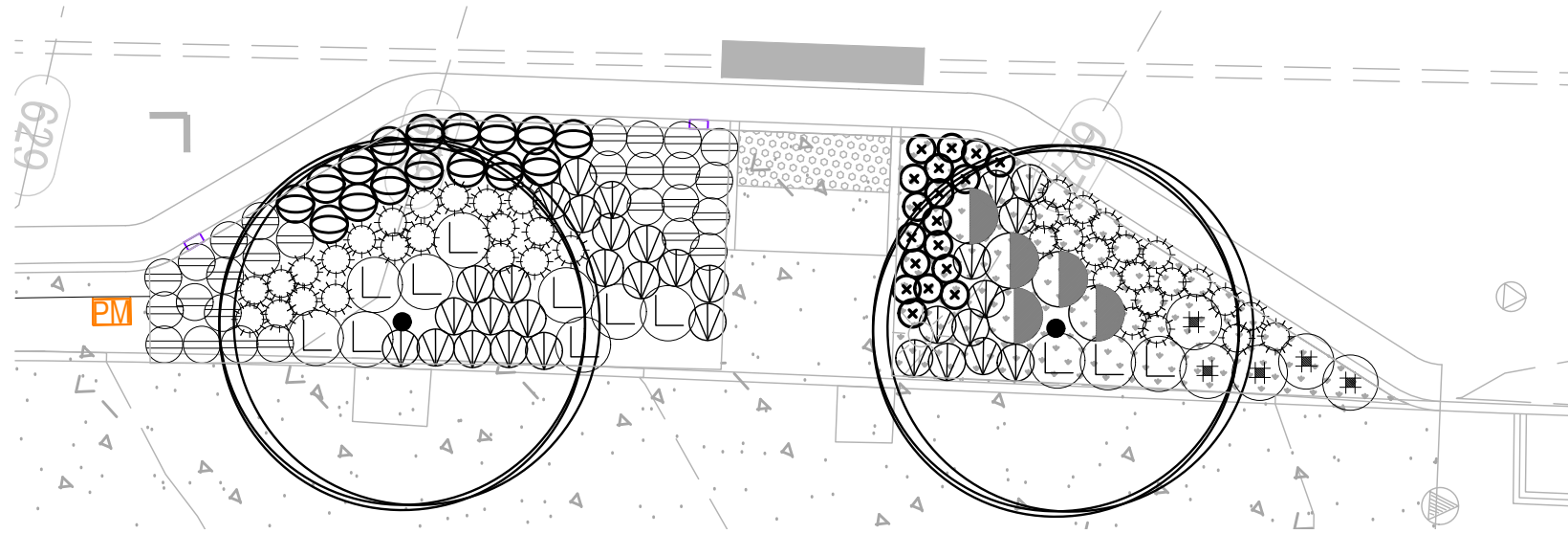
PLANTING LEGEND

TREES		
SYMBOL	BOTANICAL NAME COMMON NAME	WUCOLS RATING
ACE MAC	ACER MACROPHYLLUM BIG LEAF MAPLE	M
ACE RUB	ACER RUBRUM 'OCTOBER GLOW' OCTOBER GLOW RED MAPLE	M
AES CAR	AESCULUS X CARNEA RED HORSE CHESTNUT	M
CHI TAS	X CHITALPA TASHKENTENSIS 'PINK DAWN' PINK DAWN CHITALPA	L
KOE PAN	KOELREUTERIA PANICULATA GOLDEN RAIN TREE	M
MAG SOU	MAGNOLIA X SOULANGEANA SAUCER MAGNOLIA	M
PLA ACE	PLATANUS X ACERIFOLIA LONDON PLANE TREE	M
QUE AGR	QUERCUS AGRIFOLIA COAST LIVE OAK	VL
ROB AMB	ROBINIA X AMBIGUA 'PURPLE ROBE' PURPLE ROBE LOCUST	L
ULM PAR	ULMUS PARVIFOLIA 'DRAKE' DRAKE CHINESE ELM	L
	EXISTING TREE TO REMAIN AND BE PROTECTED, SEE SPECIFICATIONS FOR TREE PROTECTION	

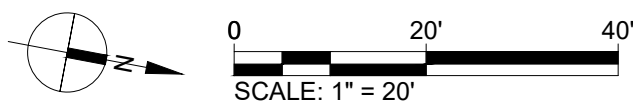
SHRUB AND GROUNDCOVER CONTAINER PLANTS AND MATERIALS				
SYMBOL	BOTANICAL NAME COMMON NAME	SIZE	WUCOLS RATING	SPACING
	ACHILLEA MILLEFOLIUM 'MOONSHINE' MOONSHINE YARROW	1 GAL	L	PER PLAN
	ACHILLEA MILLEFOLIUM 'PAPRIKA' PAPRIKA YARROW	1 GAL	L	
	CALAMAGROSTIS X ACUTIFLORA 'OVERDAM' OVERDAM FEATHER REED GRASS	1 GAL	M	
	CAREX DIVULSA BERKELEY SEDGE	1 GAL	M	18"
	CEANOTHUS MARITIMUS 'VALLEY VIOLET' VALLEY VIOLET CALIFORNIA LILAC	1 GAL	L	PER PLAN
	EPILOBIUM CANUM 'EVERETT'S CHOICE' EVERETT'S CHOICE CALIFORNIA FUCHSIA	1 GAL	L	
	ERIGERON KARVINSKIANUS 'PROFUSION' PROFUSION SANTA BARBARA DAISY	1 GAL	L	
	GLADIOLUS COMMUNIS SUBSP. BYZANTINUS BYZANTINE GLADIOLA	BULB	M	
	IRIS DOUGLASIANA DOUGLAS IRIS	1 GAL	L	
	JUNCUS PATENS CALIFORNIA GRAY RUSH	1 GAL	L	
	LOMANDRA LONGIFOLIA 'BREEZE' BREEZE MAT RUSH	1 GAL	L	
	SANTOLINA CHAMAECYPARISSUS LAVENDER COTTON	1 GAL	L	
	STACHYS BYZANTINA LAMB'S EARS	1 GAL	L	
	TEUCRIMUM CHAMAEDRYS WALL GERMANDER	1 GAL	L	



1 ENLARGED PLANTING PLAN
SCALE: 1" = 10'-0"



2 ENLARGED PLANTING PLAN
SCALE: 1" = 10'-0"



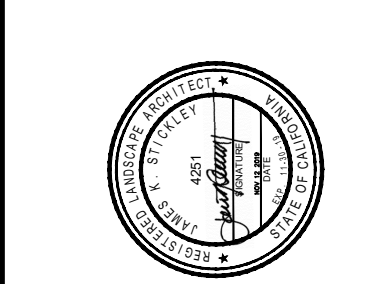
CITY OF UKIAH DOWNTOWN STREETSCAPE AND ROAD DIET PROJECT

LANDSCAPE PLANTING PLAN

PROJ NO:	11191705
DRWN:	CHKD:
HENRY STREET LP.105	
SHEET 94	OF 121

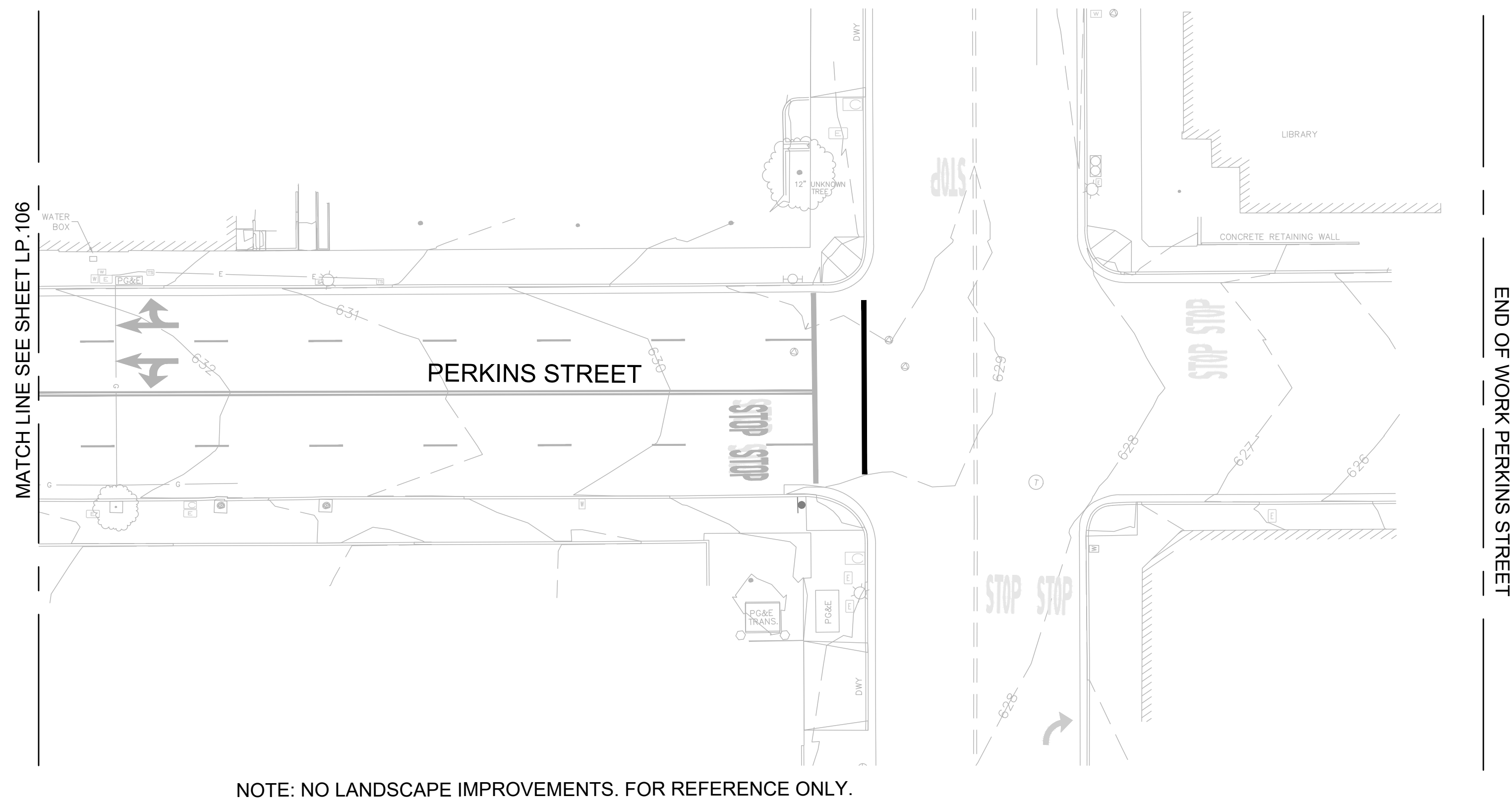
BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"

REUSE OF DOCUMENTS
This document and the ideas and designs
incorporated herein, as an instrument of
professional service, is the property of GHD
and shall not be reused in whole or in part
for any other project without GHD's written
authorization.
© 2019 GHD

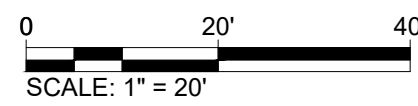
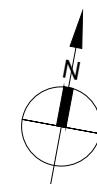


GHD Inc.
2235 Mercury Way, Suite 150
San Francisco, CA 94105
T 415.774.2500 F 415.774.2501
W www.ghd.com

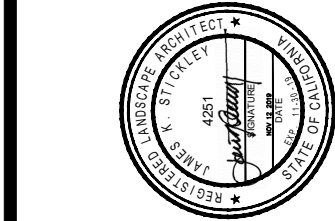
Wallace Roberts & Todd, LLC
400 Market Street, Suite 200
San Francisco, CA 94102
T 415.774.2501 F 415.774.2501
W www.wrt.com



NOTE: NO LANDSCAPE IMPROVEMENTS. FOR REFERENCE ONLY.



CITY OF UKIAH DOWNTOWN STREETScape AND ROAD DIET PROJECT		LANDSCAPE PLANTING PLAN
PROJECT NO:		11191705
DRAWN:	CHKD:	
PERKINS STREET INTERSECTION LP.107		
SHEET 96	OF	121

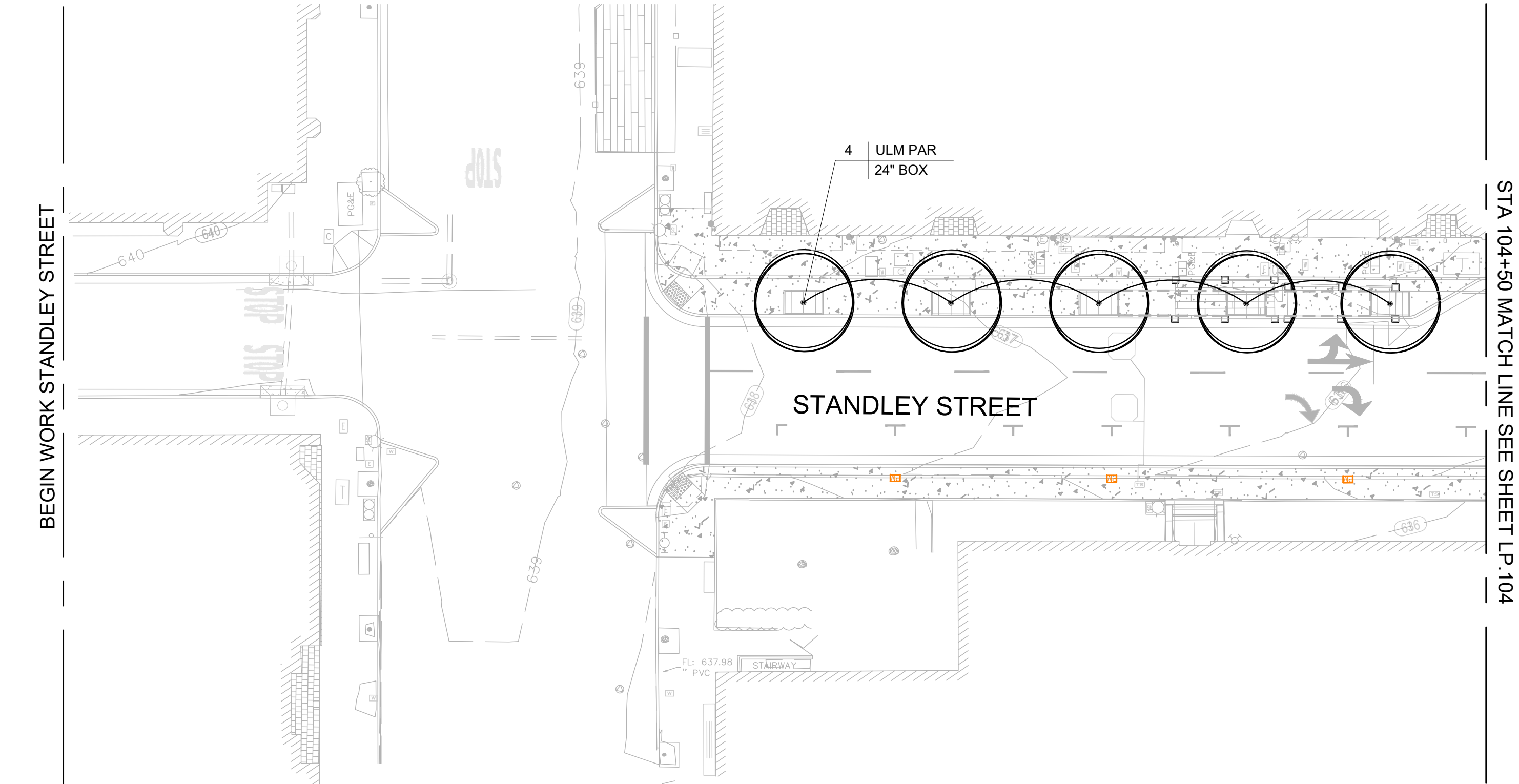
[illegible]

11/12/2019

GHD
GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95407, USA
T 1 707 523 1010 F 1 707 527 8679
W www.ghd.com

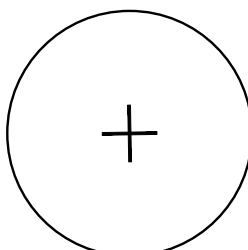
WRT Planning & Design

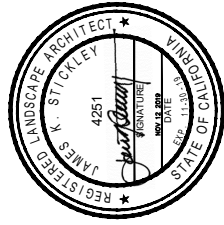
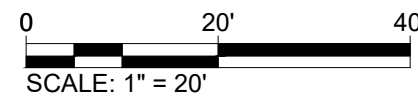
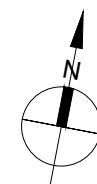
Wallace Roberts & Todd, LLC
478 Tehama Street, Suite 2B 415.575.4722
San Francisco, CA 94103 fax 215.732.2551



NOTE:
NO SHRUBS AND GROUND COVER CONTAINER PLANTS IN THIS SEGMENT OF CORRIDOR

PLANTING LEGEND

TREES		
SYMBOL	BOTANICAL NAME COMMON NAME	WUCOLS RATING
ACE MAC	ACER MACROPHYLLUM BIG LEAF MAPLE	M
ACE RUB	ACER RUBRUM 'OCTOBER GLOW' OCTOBER GLOW RED MAPLE	M
AES CAR	AESCULUS X CARNEA RED HORSE CHESTNUT	M
CHI TAS	X CHITALPA TASHKENTENSIS 'PINK DAWN' PINK DAWN CHITALPA	L
KOE PAN	KOELREUTERIA PANICULATA GOLDEN RAIN TREE	M
MAG SOU	MAGNOLIA X SOULANGEANA SAUCER MAGNOLIA	M
PLA ACE	PLATANUS X ACERIFOLIA LONDON PLANE TREE	M
QUE AGR	QUERCUS AGRIFOLIA COAST LIVE OAK	VL
ROB AMB	ROBINIA X AMBIGUA 'PURPLE ROBE' PURPLE ROBE LOCUST	L
ULM PAR	ULMUS PARVIFOLIA 'DRAKE' DRAKE CHINESE ELM	L
	EXISTING TREE TO REMAIN AND BE PROTECTED. SEE SPECIFICATIONS FOR TREE PROTECTION	



BAR IS ONE INCH ON
ORIGINAL DRAWING

0  1"

REUSE OF DOCUMENTS

This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.

GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95407, USA
T 1 707 523 1010 F 1 707 527 8679
W www.ghd.com

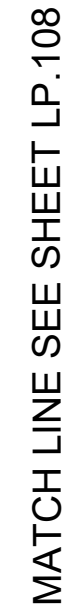
WRT Planning & Design
Wallace Roberts & Todd, LLC
478 Tebama Street, Suite 28 415.575.4722
San Francisco, CA 94103 fax 215.732.2551

11/12/2019

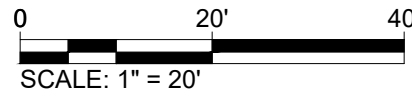
**CITY OF UKIAH
DOWNTOWN STREETScape AND
ROAD DIET PROJECT**

LANDSCAPE PLANTING PLAN

PROJ NO: 11191705	
DRWN:	CHKD:
STANDLEY STREET LP.108	
SHEET 97	OF 121



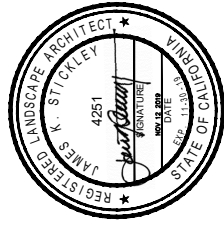
END WORK STANDLEY STREET



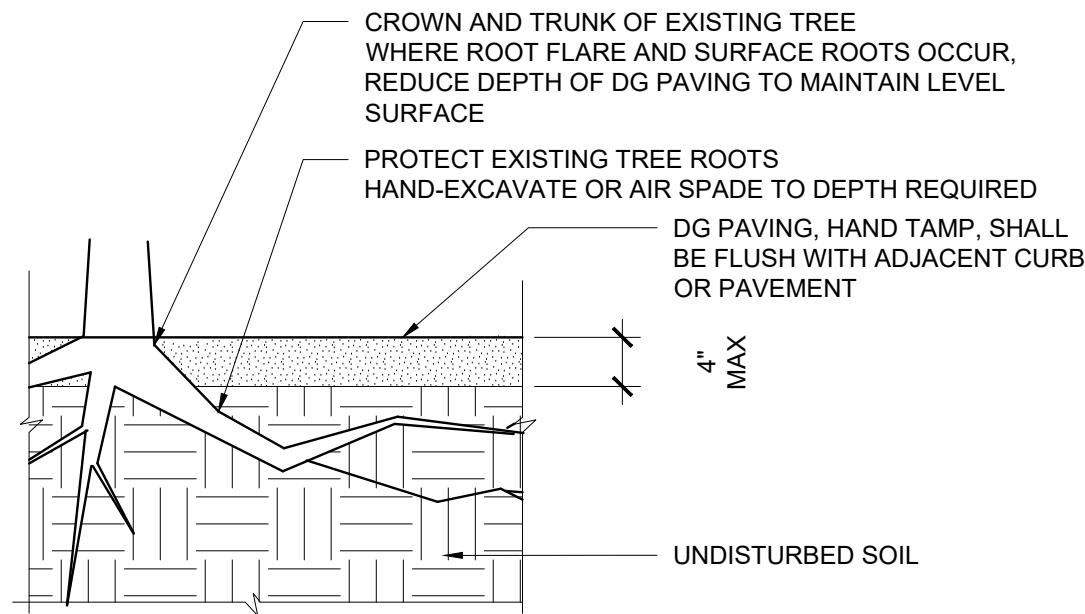
PROJ NO: 11191705	
DRWN:	CHKD:
MAIN STREET LP.109	
SHEET 98	OF 121

[illegible]

BAR IS ONE INCH ON
ORIGINAL DRAWING

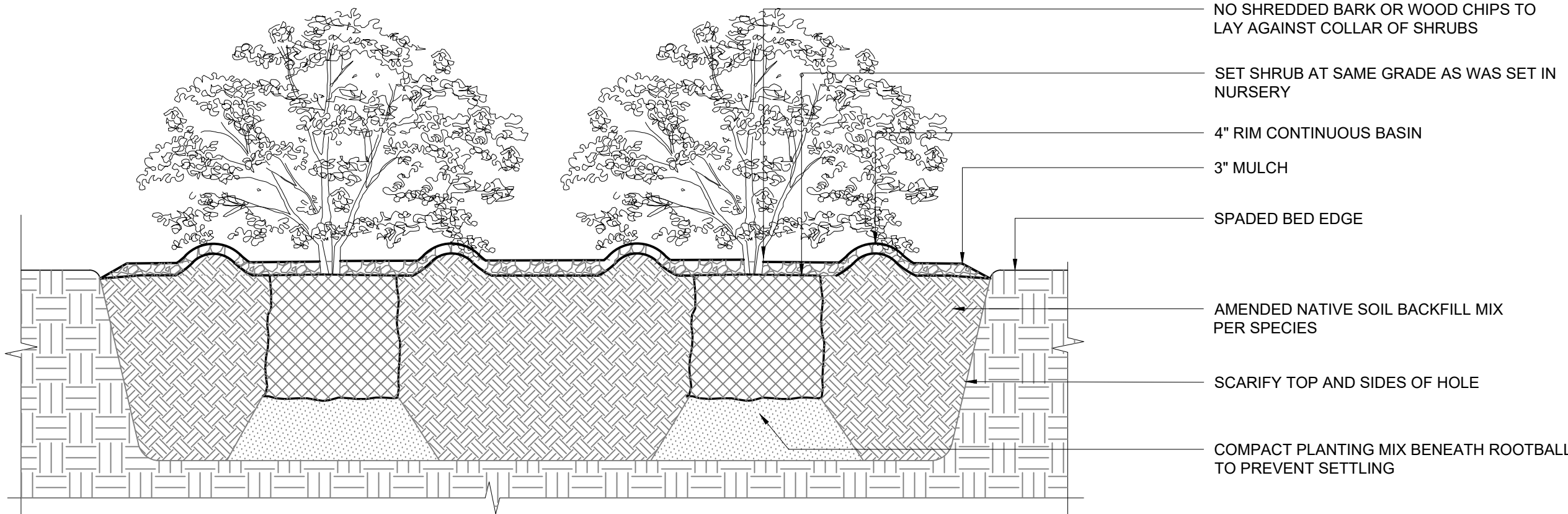


2019-11-12 9:28 AM JTATRO
N:\8000\8333 UKIAH DOWNTOWN STREETSCAPE\4-DOCUMENTS\6-BID SET\LP 200 PLANTING DETAILS.DWG



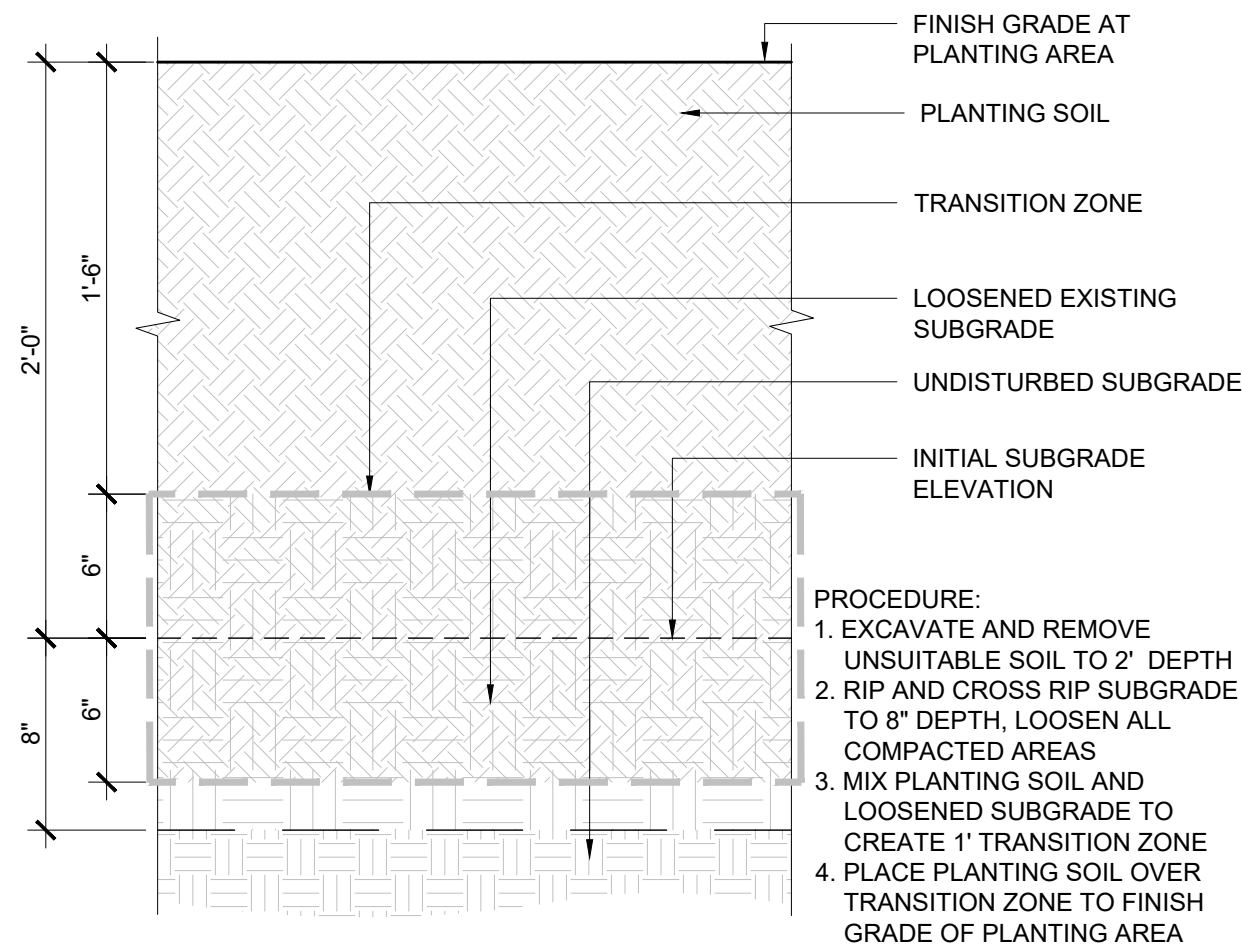
7 DECOPOSED GRANITE PAVING

SCALE: 1 1/2" = 1'-0"



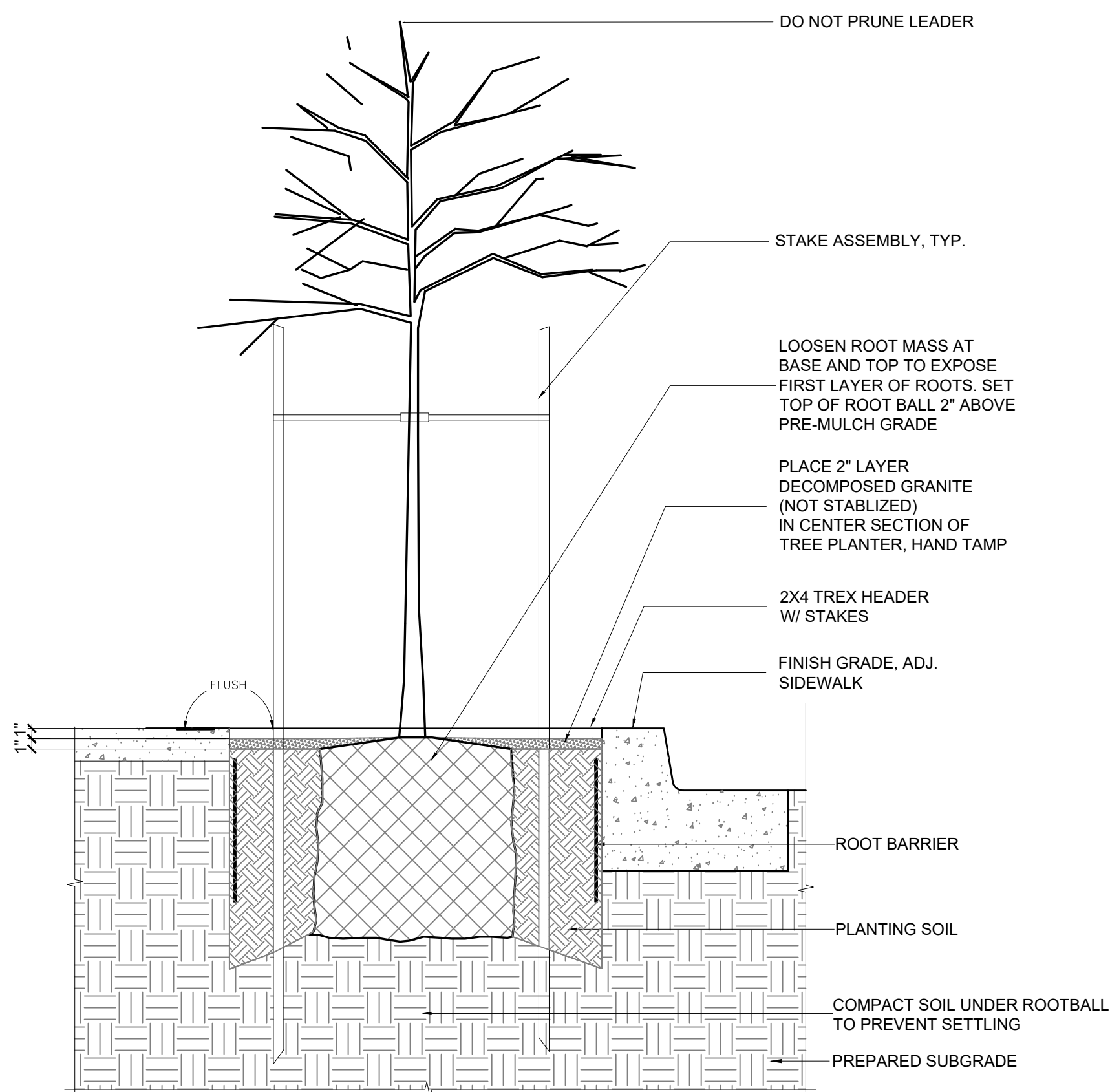
4 SHRUB PLANTING

SCALE: 1" = 1'-0"



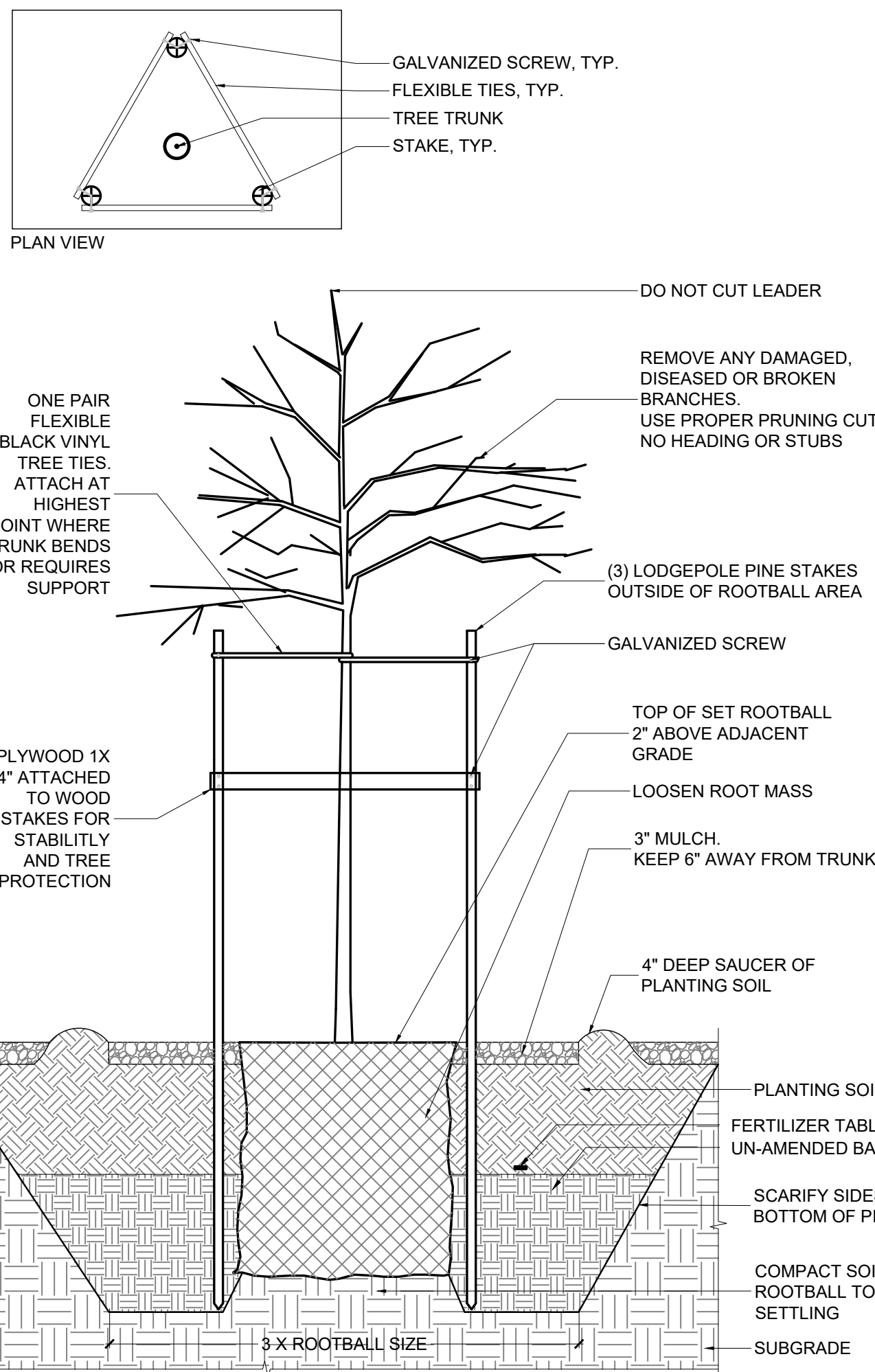
1 PLANTING SOIL PREP

SCALE: 1 1/2" = 1'-0"



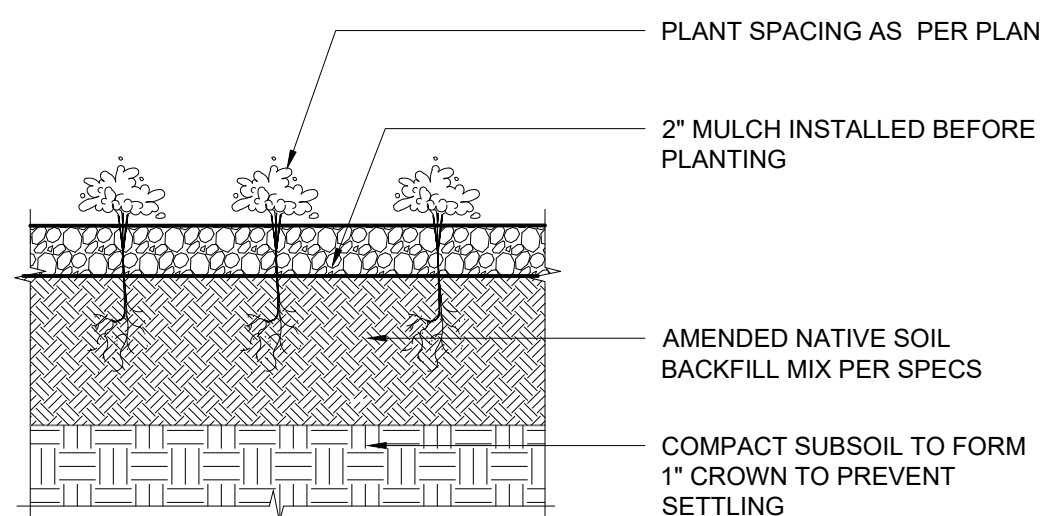
6 TREE PLANTING IN TREE WELL

SCALE: 1" = 1'-0"



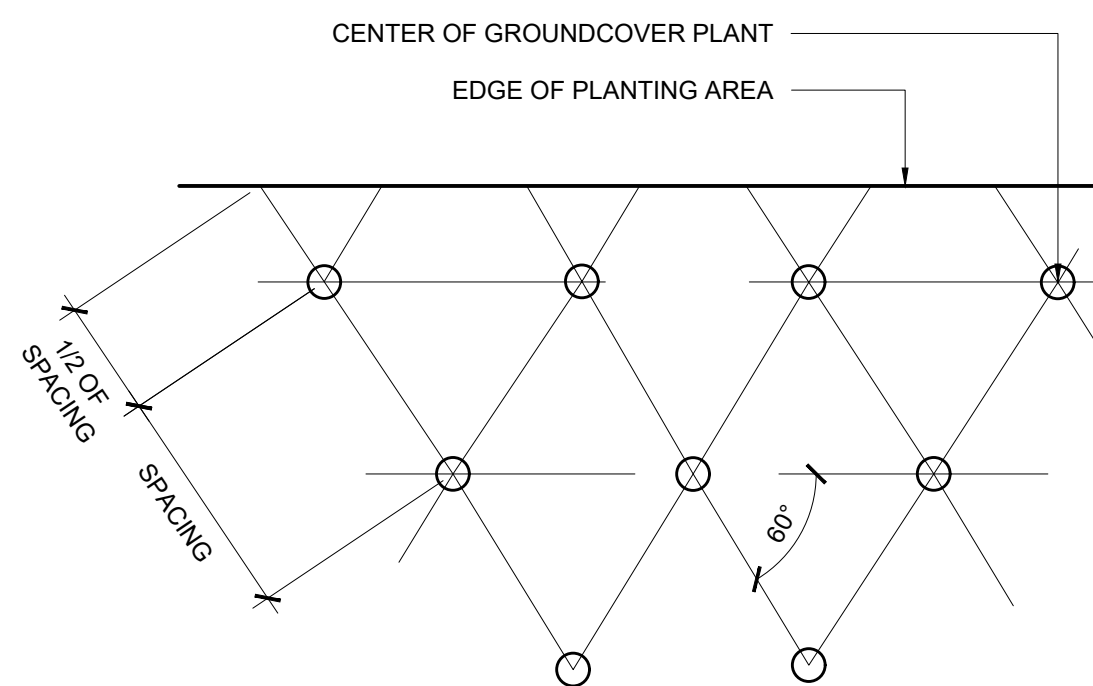
5 TREE PLANTING

SCALE: 1" = 1'-0"



2 GROUNDCOVER PLANTING

SCALE: 3/4" = 1'-0"

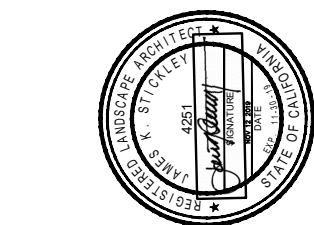


NOTE:

1. REFER TO PLANTING LIST FOR SIZE AND SPACING.
2. LOCATE FIRST ROW OF GROUNDCOVER ADJACENT TO PAVING.

3 GROUNDCOVER SPACING

SCALE: 1" = 1'-0"



BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	11/12/2019			

CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT

PROJ NO: 11191705
DRWN: CHKD:
PLANTING
DETAILS
LP.200
SHEET 99 OF 121

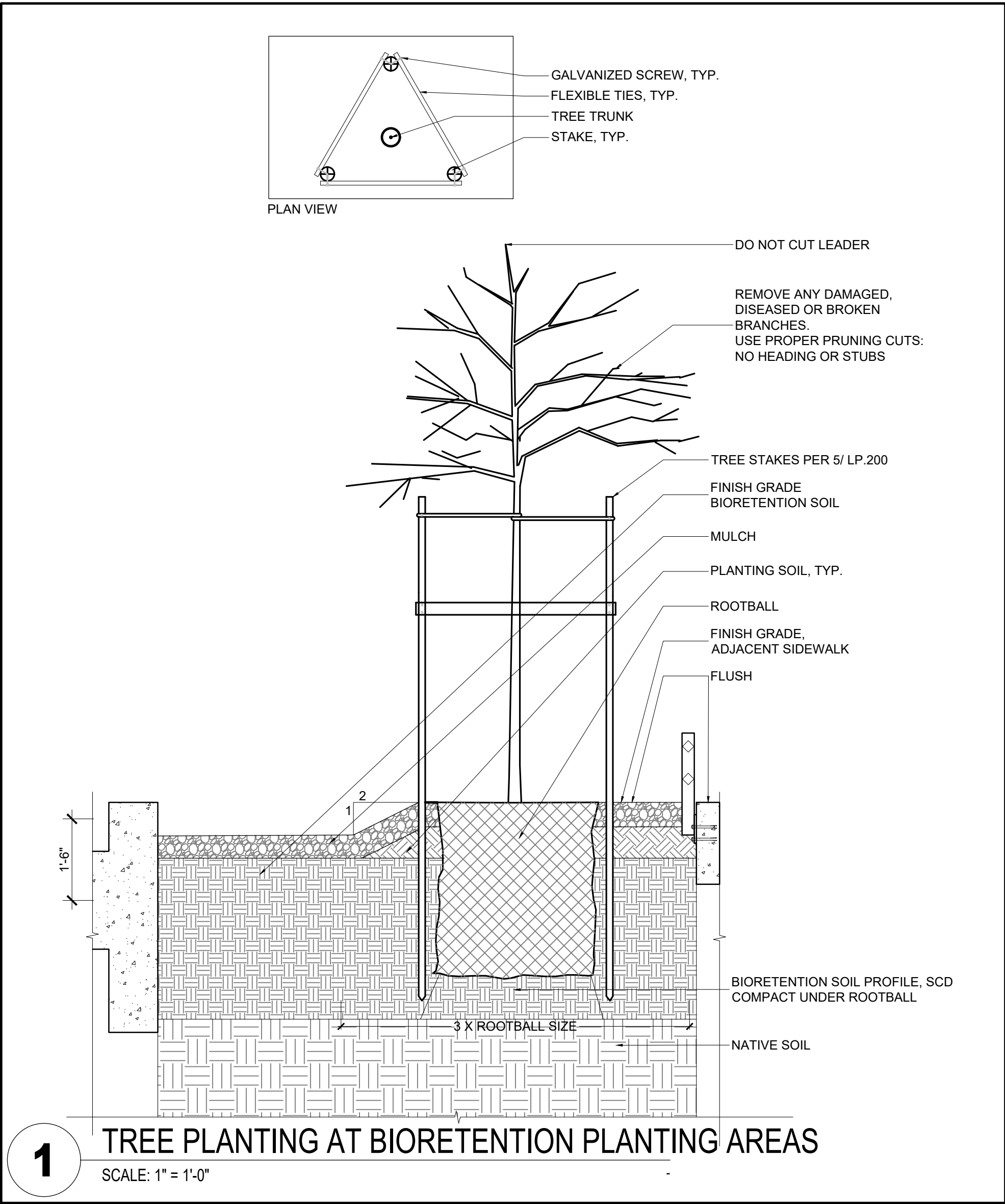
GHD Inc.
2235 Mercury Way, Suite 150
San Francisco, CA 94111 USA
T 415 774 5200 F 415 774 5278
W www.ghd.com



Walace Roberts & Todd, LLC
470 Market Street, Suite 200
San Francisco, CA 94102
T 415 398 4422
F 415 398 4422
W www.wrt.com



11/12/2019



CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT

PROJ NO: 11191705
DRWN: CHKD:
PLANTING
DETAILS
LP.201
SHEET 100 OF 121

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	11/12/2019			

BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"

REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD



GHD Inc.
2235 Mercury Way, Suite 150
San Francisco, CA 94111 USA
T 415 774 3000 F 415 774 3001
W www.ghd.com

Wallace Roberts & Todd, LLC
47818
11/12/2019
San Francisco, CA 94111

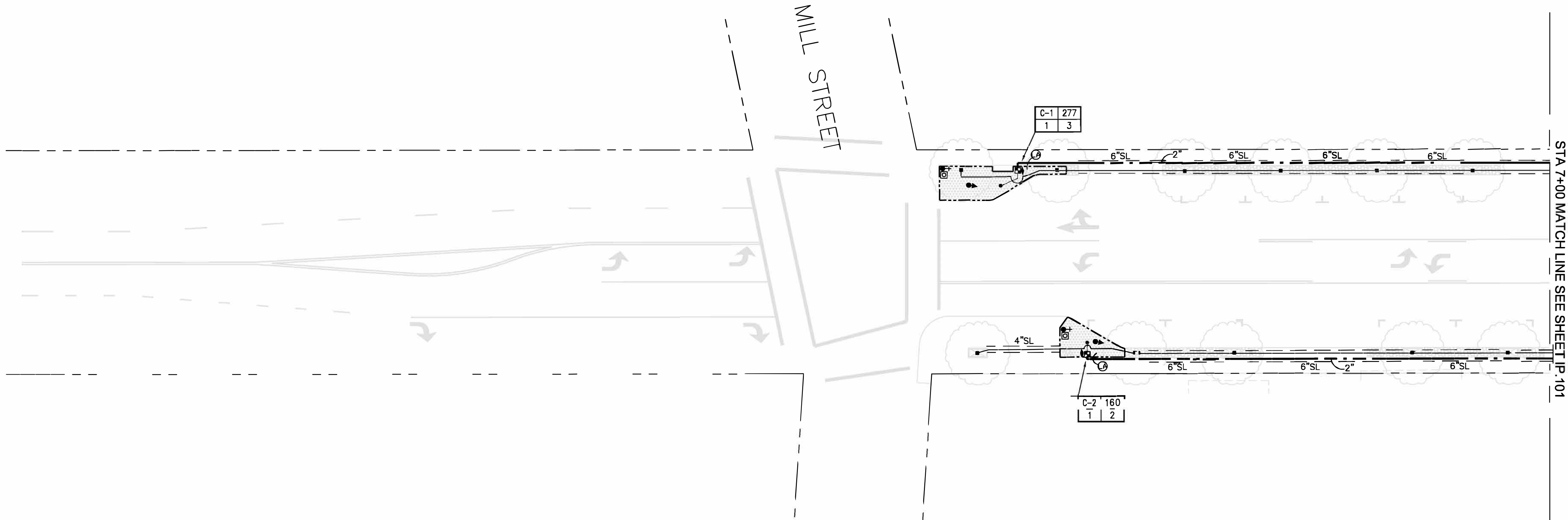
2019-10-24 4:04 PM DWUNGER
S:\2019\18-102 UKIAH STREETS\SCAPE\CAD\10-19\IP-100 E. MILL STREET.DWG

NOTES:

- ONE BUBBLER SYMBOL IS SHOWN AT TREES FOR GRAPHIC CLARITY ONLY. INSTALL MINIMUM TWO BUBBLERS AT EACH TREE. INSTALL REQUIRED NUMBER OF BUBBLERS AS DETAILED.
- IRRIGATION EQUIPMENT MAY BE SHOWN WITHIN HARDSCAPE FOR GRAPHIC CLARITY ONLY. INSTALL ALL IRRIGATION EQUIPMENT WITHIN PLANTED AREAS. IRRIGATION PIPE AND WIRE CROSSING BENEATH HARDSCAPE SURFACES SHALL BE CONTAINED WITHIN SLEEVING OR SCHEDULE 40 PVC CONDUIT. SLEEVING SIZE SHALL BE A MINIMUM OF TWO TIMES THE AGGREGATE DIAMETER OF ALL PIPES CONTAINED WITH SLEEVE. PROVIDE VERTICAL SWEEP FOR ALL ELECTRICAL CONDUIT ON EACH SIDE OF HARDSCAPE AND TERMINATE ENDS AT 12" MINIMUM DEPTH AND 12" FROM HARDSCAPE SURFACE.
- UNSIZE LATERAL LINE PIPING LOCATED DOWN STREAM OF 1" PIPING SHALL BE 3/4" IN SIZE (TYPICAL).
- SIZING OF LATERAL PIPE SHALL BE AS FOLLOWS:

0.75"	0-6 GPM
1"	7-12 GPM
1.25"	21-32 GPM
1.5"	21-32 GPM
- SIZING OF LATERAL PIPE FOR DRIPLINE (12" O.C. GRID WITH 0.6 GPH OR LESS EMITTERS) SHALL BE AS FOLLOWS:

0.75	0-500 FT
1"	501-1100 FT
1.25"	1101-2000 FT



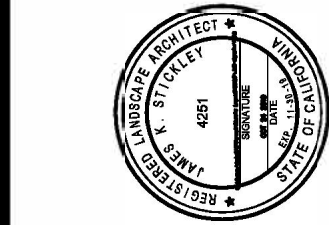
Irrigation Consultant:
Russell D. Mitchell Associates, Inc.
2760 Camino Diablo
Walnut Creek, CA 94597
tel 925.939.3985 ♦ fax 925.932.5671
www.rmairrigation.com

**CITY OF UKIAH
UKIAH DOWNTOWN
STREETSCAPE**

IRRIGATION PLAN

PROJ NO: 11191705
DRWN: CHKD:
**E. MILL STREET
IP.100**

SHEET 101 OF 121



10/24/2019

BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"
REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE

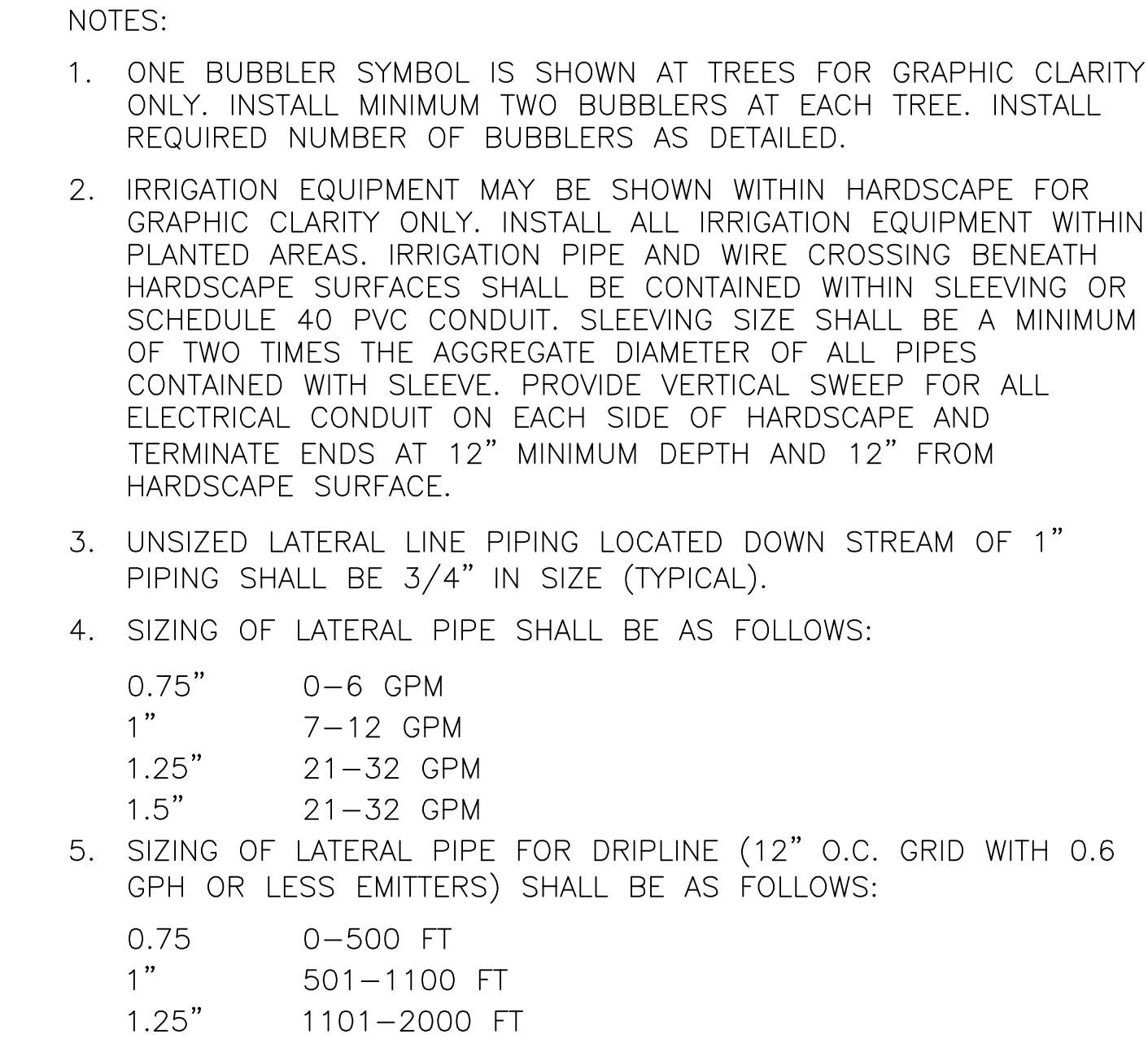
GHD Inc.
2235 Mercury Way, Suite 150
San Jose, California 95131, USA
T 408.526.1000 F 408.527.8679
W www.ghd.com



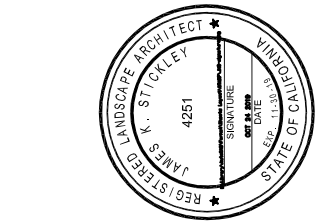
Wallace Roberts & Todd, LLC
445 Taylor Street, Suite 300
San Francisco, CA 94102
Tel 415.398.4722
Fax 415.392.2551



Wallace Roberts & Todd, LLC
445 Taylor Street, Suite 300
San Francisco, CA 94102
Tel 415.398.4722
Fax 415.392.2551



Irrigation Consultant:
Russell D. Mitchell Associates, Inc.
2760 Camino Diablo
Walnut Creek, CA 94597
tel 925.939.3985 ♦ fax 925.932.5671
www.rmairrigation.com



BAR IS ONE INCH ON
ORIGINAL DRAWING

0  1"

REUSE OF DOCUMENTS

This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.

GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95407, USA
T 1 707 523 1010 F 1 707 527 8679
W www.ghd.com

WRT The **WRT** ^{group} Planning & Design

Wallace Roberts & Todd, LLC
478 Tehama Street
Attn: Jennifer Stephens
San Francisco, CA 94102-2539
Tel: (415) 732-2557

10/24/2019

**CITY OF UKIAH
UKIAH DOWNTOWN
STREETSCAPE**

IRRIGATION PLAN

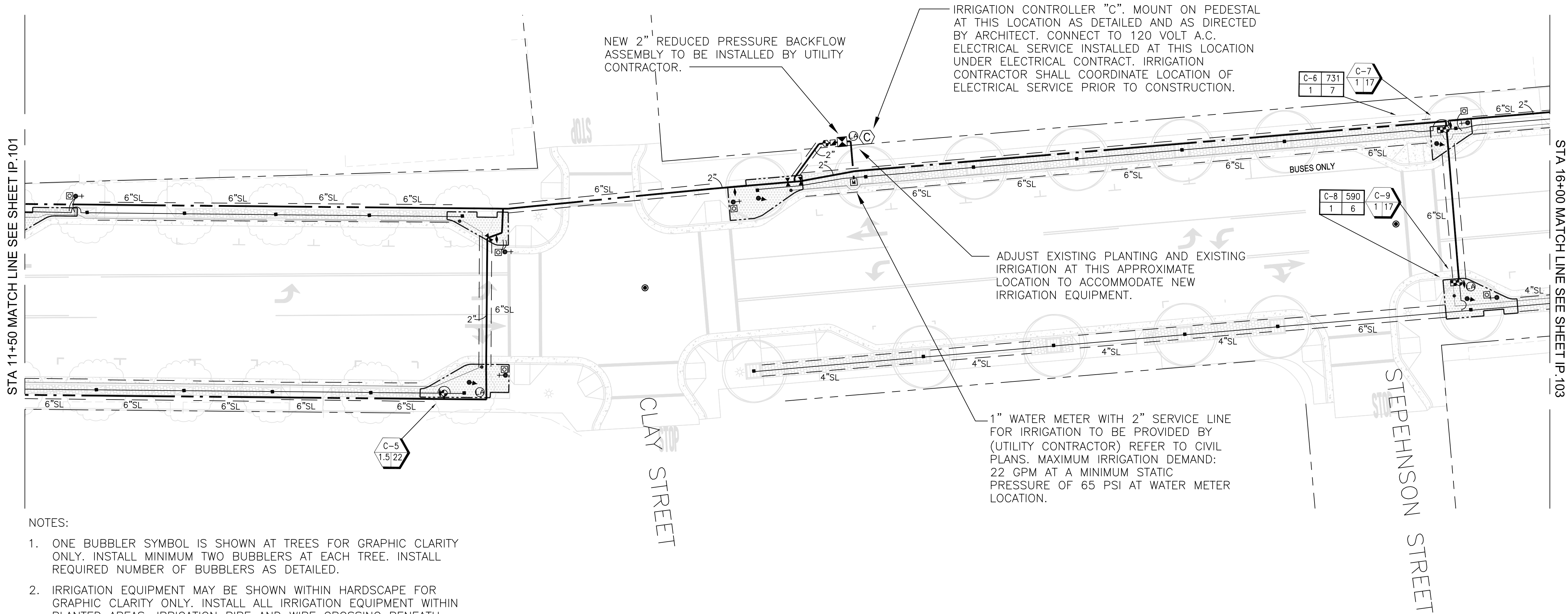
PROJ NO: 11191705

DRWN:	CHKD
-------	------

SEMINARY
AVENUE
I-.101

SHEET 102 OF 121

2019-10-24 4:05 PM DMUNGER
S:\2019\19-102 UKIAH STREETSCAPE\CAD\7-10-19\IP-102 CLAY STREET.DWG



NOTES:

- ONE BUBBLER SYMBOL IS SHOWN AT TREES FOR GRAPHIC CLARITY ONLY. INSTALL MINIMUM TWO BUBBLERS AT EACH TREE. INSTALL REQUIRED NUMBER OF BUBBLERS AS DETAILED.
- IRRIGATION EQUIPMENT MAY BE SHOWN WITHIN HARDSCAPE FOR GRAPHIC CLARITY ONLY. INSTALL ALL IRRIGATION EQUIPMENT WITHIN PLANTED AREAS. IRRIGATION PIPE AND WIRE CROSSING BENEATH HARDSCAPE SURFACES SHALL BE CONTAINED WITHIN SLEEVING OR SCHEDULE 40 PVC CONDUIT. SLEEVING SIZE SHALL BE A MINIMUM OF TWO TIMES THE AGGREGATE DIAMETER OF ALL PIPES CONTAINED WITH SLEEVE. PROVIDE VERTICAL SWEEP FOR ALL ELECTRICAL CONDUIT ON EACH SIDE OF HARDSCAPE AND TERMINATE ENDS AT 12" MINIMUM DEPTH AND 12" FROM HARDSCAPE SURFACE.
- UNSIZE LATERAL LINE PIPING LOCATED DOWN STREAM OF 1" PIPING SHALL BE 3/4" IN SIZE (TYPICAL).
- SIZING OF LATERAL PIPE SHALL BE AS FOLLOWS:

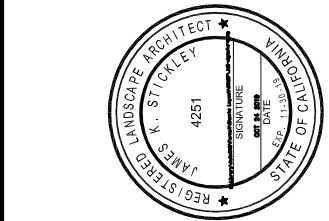
0.75"	0-6 GPM
1"	7-12 GPM
1.25"	21-32 GPM
1.5"	21-32 GPM
- SIZING OF LATERAL PIPE FOR DRIPLINE (12" O.C. GRID WITH 0.6 GPH OR LESS EMITTERS) SHALL BE AS FOLLOWS:

0.75	0-500 FT
1"	501-1100 FT
1.25"	1101-2000 FT

Irrigation Consultant:
Russell D. Mitchell Associates, Inc.
2760 Camino Diablo
Walnut Creek, CA 94597
tel 925.939.3985 ♦ fax 925.932.5671
www.rmairrigation.com



GHD Inc.
2235 Mercury Way, Suite 150
San Jose, California 95131 USA
T 408.753.1010 F 408.752.8679
W www.ghd.com



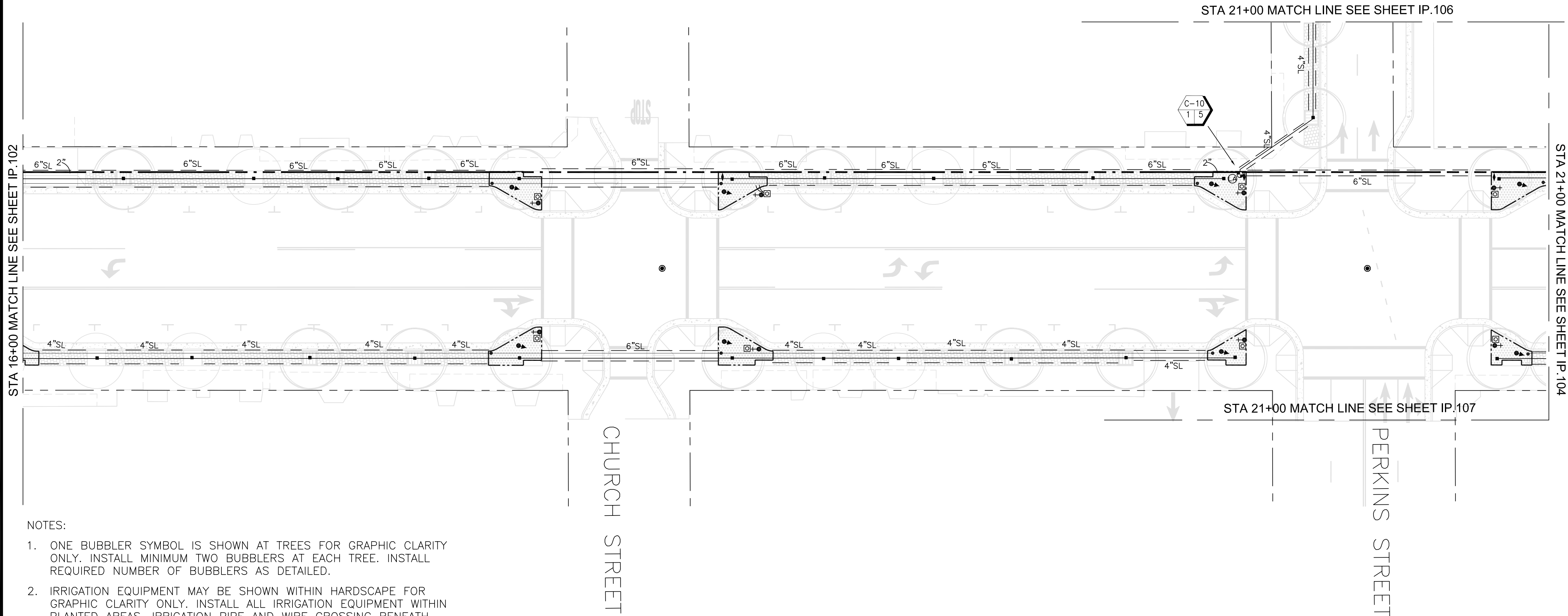
BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	10/25/2019			

**CITY OF UKIAH
UKIAH DOWNTOWN
STREETSCAPE**
IRRIGATION PLAN

PROJ NO: 11191705
DRWN: CHKD:
**CLAY STREET
IP.102**
SHEET 103 OF 121

2019-10-24 4:05 PM DMUNGER
S:\2019\19-102 UKIAH STREETS\SCAPE\CAD\7-10-19\IP-103 CHURCH STREET.DWG



- NOTES:
- ONE BUBBLER SYMBOL IS SHOWN AT TREES FOR GRAPHIC CLARITY ONLY. INSTALL MINIMUM TWO BUBBLERS AT EACH TREE. INSTALL REQUIRED NUMBER OF BUBBLERS AS DETAILED.
 - IRRIGATION EQUIPMENT MAY BE SHOWN WITHIN HARDSCAPE FOR GRAPHIC CLARITY ONLY. INSTALL ALL IRRIGATION EQUIPMENT WITHIN PLANTED AREAS. IRRIGATION PIPE AND WIRE CROSSING BENEATH HARDSCAPE SURFACES SHALL BE CONTAINED WITHIN SLEEVING OR SCHEDULE 40 PVC CONDUIT. SLEEVING SIZE SHALL BE A MINIMUM OF TWO TIMES THE AGGREGATE DIAMETER OF ALL PIPES CONTAINED WITH SLEEVE. PROVIDE VERTICAL SWEEP FOR ALL ELECTRICAL CONDUIT ON EACH SIDE OF HARDSCAPE AND TERMINATE ENDS AT 12" MINIMUM DEPTH AND 12" FROM HARDSCAPE SURFACE.
 - UNSIZED LATERAL LINE PIPING LOCATED DOWN STREAM OF 1" PIPING SHALL BE 3/4" IN SIZE (TYPICAL).
 - SIZING OF LATERAL PIPE SHALL BE AS FOLLOWS:

0.75"	0-6 GPM
1"	7-12 GPM
1.25"	21-32 GPM
1.5"	21-32 GPM
 - SIZING OF LATERAL PIPE FOR DRIPLINE (12" O.C. GRID WITH 0.6 GPH OR LESS EMITTERS) SHALL BE AS FOLLOWS:

0.75	0-500 FT
1"	501-1100 FT
1.25"	1101-2000 FT

Irrigation Consultant:
Russell D. Mitchell Associates, Inc.
2760 Camino Diablo
Walnut Creek, CA 94597
tel 925.939.3985 ♦ fax 925.932.5671
www.rmairrigation.com



**CITY OF UKIAH
UKIAH DOWNTOWN
STREETSCAPE**

IRRIGATION PLAN

PROJ NO: 11191705	
DRWN:	CHKD:
CHURCH STREET IP.103	
SHEET 104 OF 121	

BAR IS ONE INCH ON
ORIGINAL DRAWING

01"0

REUSE OF DOCUMENTS

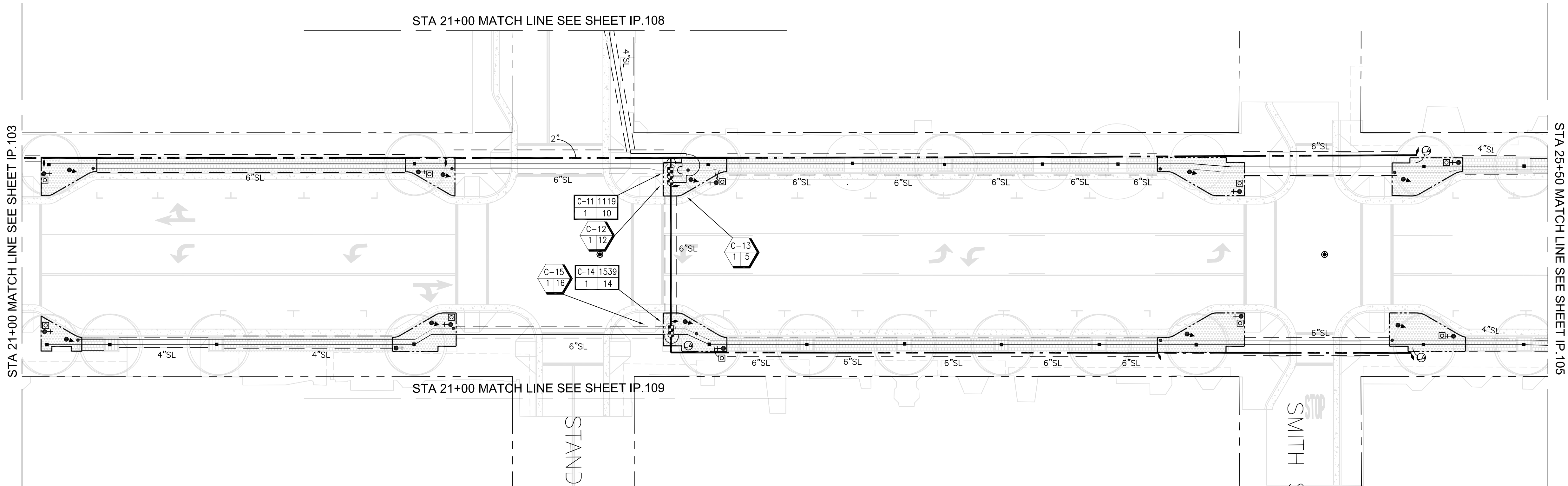
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

10/24/2019

GHD Inc.
2235 Mercury Way, Suite 150
San Jose, CA 95128 USA
T 408.527.5200 F 408.527.5279
W www.ghd.com

Wallace Roberts & Todd, LLC
4750 California Street, Suite 300
San Francisco, CA 94133
Tel 415.774.7272
Fax 415.774.7251

2019-10-24 4:05 PM DMUNGER
S:\2019\19-102 UKIAH STREETS\SCAPE\CAD\7-10-19\IP-104 SMITH STREET.DWG



NOTES:

- ONE BUBBLER SYMBOL IS SHOWN AT TREES FOR GRAPHIC CLARITY ONLY. INSTALL MINIMUM TWO BUBBLERS AT EACH TREE. INSTALL REQUIRED NUMBER OF BUBBLERS AS DETAILED.
- IRRIGATION EQUIPMENT MAY BE SHOWN WITHIN HARDSCAPE FOR GRAPHIC CLARITY ONLY. INSTALL ALL IRRIGATION EQUIPMENT WITHIN PLANTED AREAS. IRRIGATION PIPE AND WIRE CROSSING BENEATH HARDSCAPE SURFACES SHALL BE CONTAINED WITHIN SLEEVING OR SCHEDULE 40 PVC CONDUIT. SLEEVING SIZE SHALL BE A MINIMUM OF TWO TIMES THE AGGREGATE DIAMETER OF ALL PIPES CONTAINED WITH SLEEVE. PROVIDE VERTICAL SWEEP FOR ALL ELECTRICAL CONDUIT ON EACH SIDE OF HARDSCAPE AND TERMINATE ENDS AT 12" MINIMUM DEPTH AND 12" FROM HARDSCAPE SURFACE.
- UNSIZED LATERAL LINE PIPING LOCATED DOWN STREAM OF 1" PIPING SHALL BE 3/4" IN SIZE (TYPICAL).
- SIZING OF LATERAL PIPE SHALL BE AS FOLLOWS:

0.75"	0-6 GPM
1"	7-12 GPM
1.25"	21-32 GPM
1.5"	21-32 GPM
- SIZING OF LATERAL PIPE FOR DRIPLINE (12" O.C. GRID WITH 0.6 GPH OR LESS EMITTERS) SHALL BE AS FOLLOWS:

0.75	0-500 FT
1"	501-1100 FT
1.25"	1101-2000 FT

Irrigation Consultant:
Russell D. Mitchell Associates, Inc.
2760 Camino Diablo
Walnut Creek, CA 94597
tel 925.939.3985 ♦ fax 925.932.5671
www.rmairrigation.com



GHD Inc.
2235 Mercury Way, Suite 150
San Jose, CA 95131 USA
Tel 408.553.1010 F 408.527.8679
W www.ghd.com

Wallace Roberts & Todd, LLC
4750 California Street, Suite 300
San Francisco, CA 94133
Tel 415.392.9351

10/24/2019

BAR IS ONE INCH ON ORIGINAL DRAWING

0 1"

REUSE OF DOCUMENTS

This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.

© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	10/25/2019			

CITY OF UKIAH

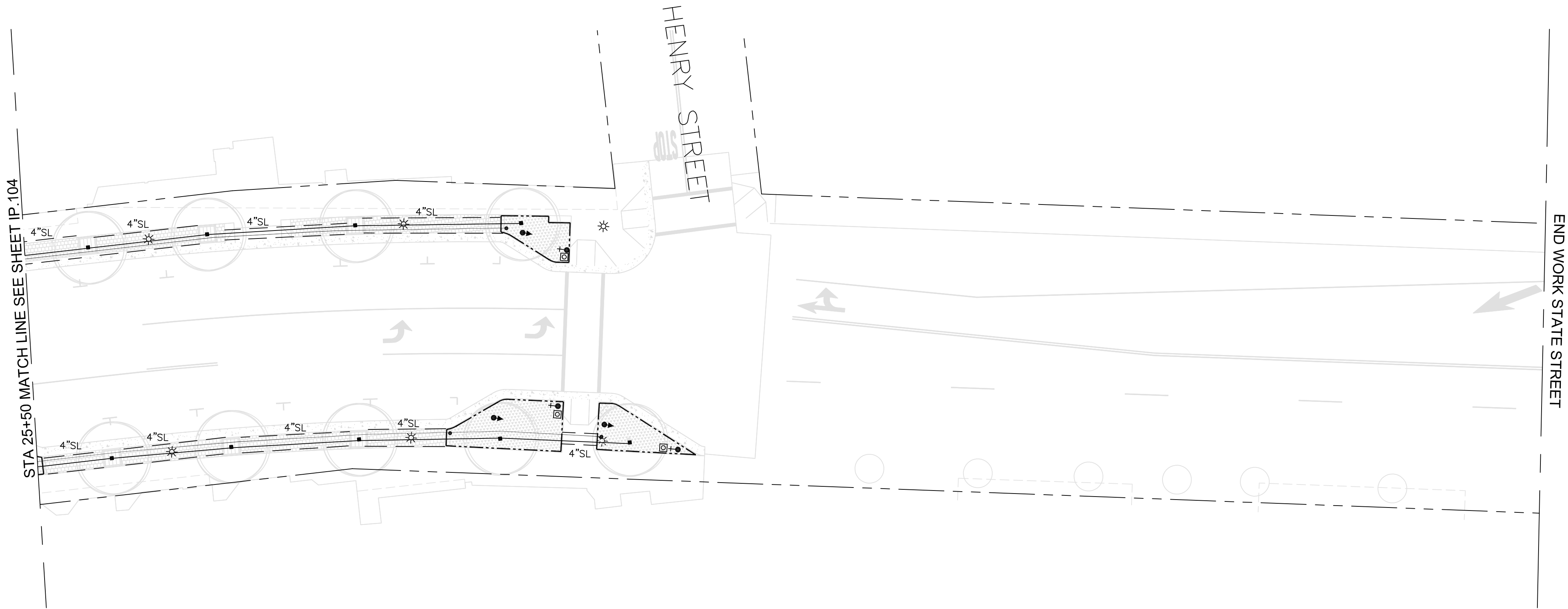
UKIAH DOWNTOWN

STREETScape

IRRIGATION PLAN

PROJ NO:	11191705
DRWN:	CHKD:
SMITH STREET IP.104	
SHEET	105 OF 121

2019-10-24 4:05 PM DMUNGER
S:\2019\19-102 UKIAH STREETScape\CAD\7-10-19\IP-105 HENRY STREET.DWG



NOTES:

- ONE BUBBLER SYMBOL IS SHOWN AT TREES FOR GRAPHIC CLARITY ONLY. INSTALL MINIMUM TWO BUBBLERS AT EACH TREE. INSTALL REQUIRED NUMBER OF BUBBLERS AS DETAILED.
- IRRIGATION EQUIPMENT MAY BE SHOWN WITHIN HARDSCAPE FOR GRAPHIC CLARITY ONLY. INSTALL ALL IRRIGATION EQUIPMENT WITHIN PLANTED AREAS. IRRIGATION PIPE AND WIRE CROSSING BENEATH HARDSCAPE SURFACES SHALL BE CONTAINED WITHIN SLEEVING OR SCHEDULE 40 PVC CONDUIT. SLEEVING SIZE SHALL BE A MINIMUM OF TWO TIMES THE AGGREGATE DIAMETER OF ALL PIPES CONTAINED WITH SLEEVE. PROVIDE VERTICAL SWEEP FOR ALL ELECTRICAL CONDUIT ON EACH SIDE OF HARDSCAPE AND TERMINATE ENDS AT 12" MINIMUM DEPTH AND 12" FROM HARDSCAPE SURFACE.
- UNSIZE LATERAL LINE PIPING LOCATED DOWN STREAM OF 1" PIPING SHALL BE 3/4" IN SIZE (TYPICAL).
- SIZING OF LATERAL PIPE SHALL BE AS FOLLOWS:

0.75"	0-6 GPM
1"	7-12 GPM
1.25"	21-32 GPM
1.5"	21-32 GPM
- SIZING OF LATERAL PIPE FOR DRIPLINE (12" O.C. GRID WITH 0.6 GPH OR LESS EMITTERS) SHALL BE AS FOLLOWS:

0.75	0-500 FT
1"	501-1100 FT
1.25"	1101-2000 FT

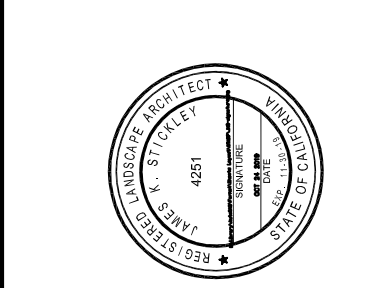
Irrigation Consultant:
Russell D. Mitchell Associates, Inc.
2760 Camino Diablo
Walnut Creek, CA 94597
tel 925.939.3985 ♦ fax 925.932.5671
www.rmairrigation.com



CITY OF UKIAH
UKIAH DOWNTOWN
STREETSCAPE
IRRIGATION PLAN

PROJ NO:	11191705
DRWN:	CHKD:
HENRY STREET IP.105	
SHEET	106 OF 121

BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"
REUSE OF DOCUMENTS
This document and the ideas and designs
incorporated herein, as an instrument of
professional service, is the property of GHD
and shall not be reused in whole or in part
for any other project without GHD's written
authorization.
© 2019 GHD

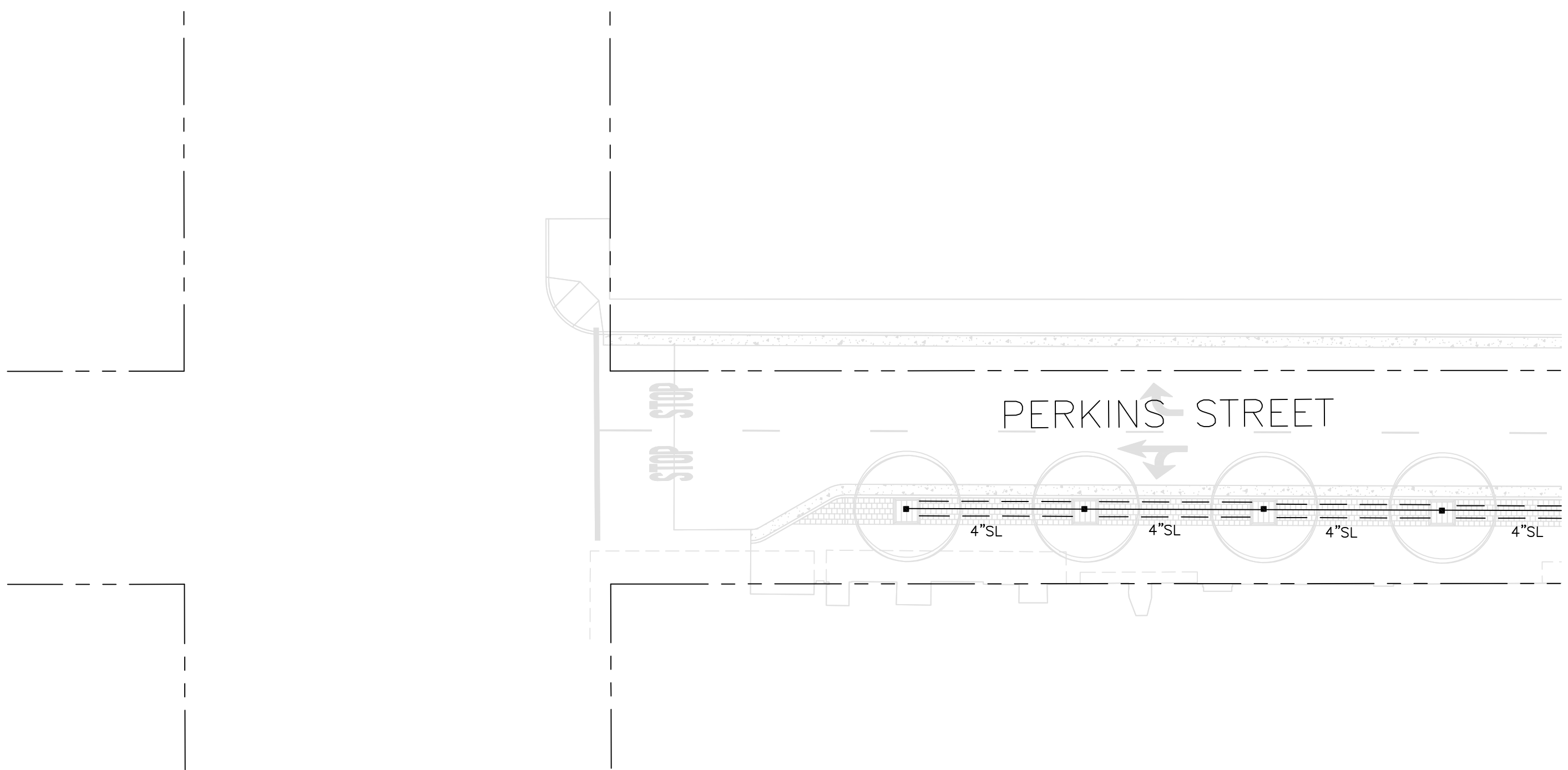


GHD Inc.
2235 Mercury Way, Suite 150
San Jose, CA 95128 USA
Tel 408.532.1010 F 408.527.8679
W www.ghd.com

Wallace Roberts & Todd, LLC
4750 California Street, Suite 300
San Francisco, CA 94133
Tel 415.774.9722
Fax 415.774.9731

2019-10-24 4:05 PM DMUNGER
S:\2019\19-102 UKIAH STREETSCAPE\CAD\7-10-19\IP.106 PERKINS STREET.DWG

BEGIN WORK PERKINS STREET



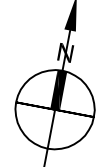
STA 54+00 MATCH LINE SEE SHEET IP.103

NOTES:

- ONE BUBBLER SYMBOL IS SHOWN AT TREES FOR GRAPHIC CLARITY ONLY. INSTALL MINIMUM TWO BUBBLERS AT EACH TREE. INSTALL REQUIRED NUMBER OF BUBBLERS AS DETAILED.
- IRRIGATION EQUIPMENT MAY BE SHOWN WITHIN HARDSCAPE FOR GRAPHIC CLARITY ONLY. INSTALL ALL IRRIGATION EQUIPMENT WITHIN PLANTED AREAS. IRRIGATION PIPE AND WIRE CROSSING BENEATH HARDSCAPE SURFACES SHALL BE CONTAINED WITHIN SLEEVING OR SCHEDULE 40 PVC CONDUIT. SLEEVING SIZE SHALL BE A MINIMUM OF TWO TIMES THE AGGREGATE DIAMETER OF ALL PIPES CONTAINED WITH SLEEVE. PROVIDE VERTICAL SWEEP FOR ALL ELECTRICAL CONDUIT ON EACH SIDE OF HARDSCAPE AND TERMINATE ENDS AT 12" MINIMUM DEPTH AND 12" FROM HARDSCAPE SURFACE.
- UNSIZE LATERAL LINE PIPING LOCATED DOWN STREAM OF 1" PIPING SHALL BE 3/4" IN SIZE (TYPICAL).
- SIZING OF LATERAL PIPE SHALL BE AS FOLLOWS:

0.75"	0-6 GPM
1"	7-12 GPM
1.25"	21-32 GPM
1.5"	21-32 GPM
- SIZING OF LATERAL PIPE FOR DRIPLINE (12" O.C. GRID WITH 0.6 GPH OR LESS EMITTERS) SHALL BE AS FOLLOWS:

0.75	0-500 FT
1"	501-1100 FT
1.25"	1101-2000 FT



SCALE: 1" = 20'

Irrigation Consultant:
Russell D. Mitchell Associates, Inc.

2760 Camino Diablo
Walnut Creek, CA 94597
tel 925.939.3985 ♦ fax 925.932.5671
www.rmairrigation.com

CITY OF UKIAH
UKIAH DOWNTOWN
STREETSCAPE

IRRIGATION PLAN

PROJ NO: 11191705	
DRWN:	CHKD:
PERKINS STREET IP.106	
SHEET 107 OF 121	

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	10/25/2019			

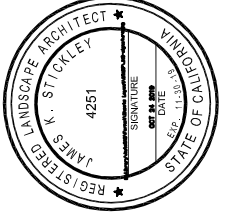
BAR IS ONE INCH ON ORIGINAL DRAWING

0 1"

REUSE OF DOCUMENTS

This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.

© 2019 GHD



10/24/2019

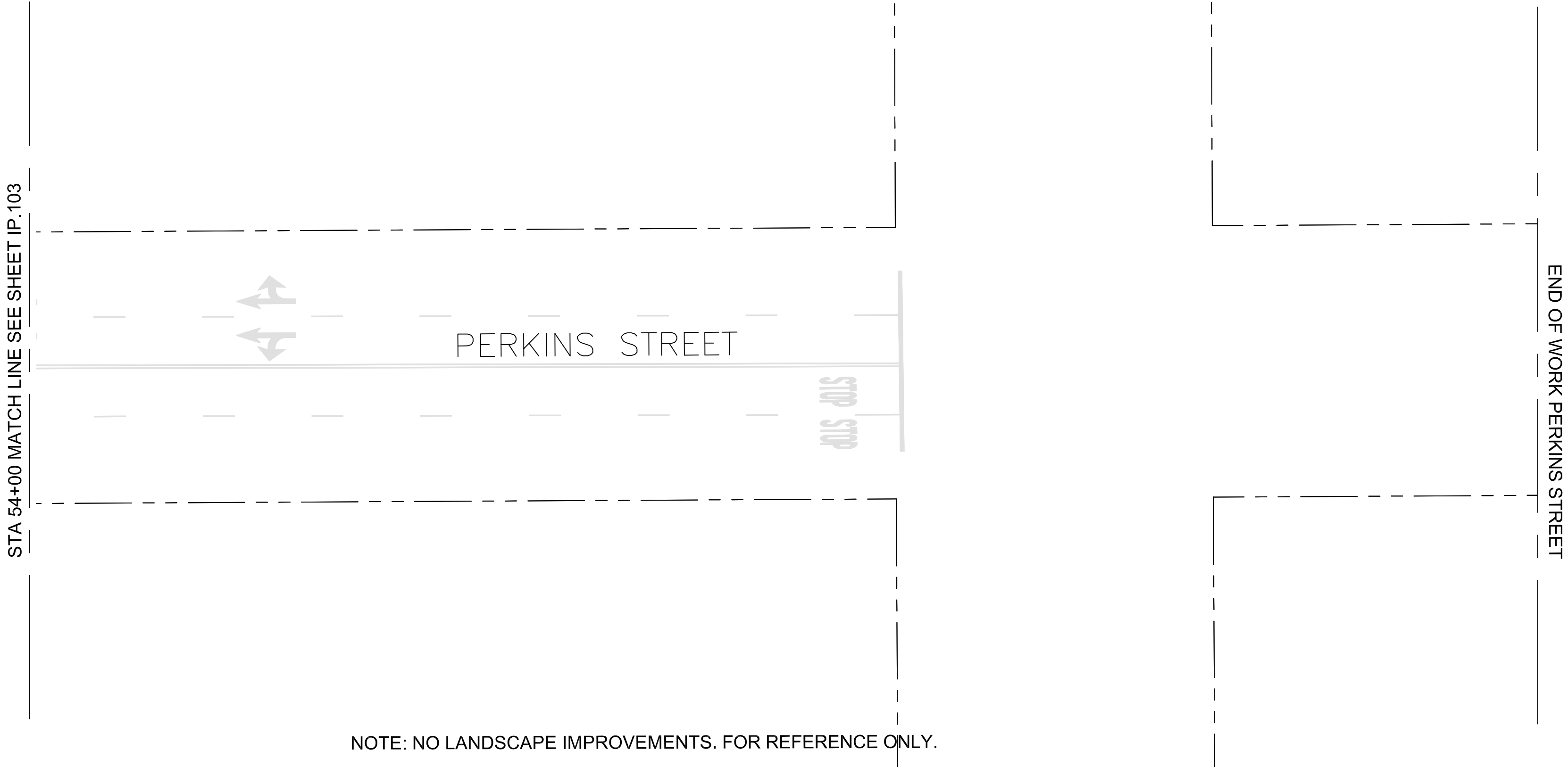


GHD Inc.
2235 Mercury Way, Suite 150
San Jose, CA 95131 USA
T 408.523.1010 F 408.527.8679
W www.ghd.com



Wallace Roberts & Todd, LLC
4750 California Street, Suite 300
San Francisco, CA 94133
Tel 415.774.7722 Fax 415.774.7721

2019-10-24 4:05 PM DMUNGER
S:20191019-102 UKIAH STREETSCAPE(CAD)7-10-19(IP:107 PERKINS STREET INTERSECTION)DWG



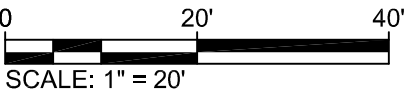
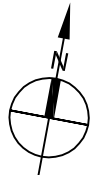
NOTE: NO LANDSCAPE IMPROVEMENTS. FOR REFERENCE ONLY.

- NOTES:
- ONE BUBBLER SYMBOL IS SHOWN AT TREES FOR GRAPHIC CLARITY ONLY. INSTALL MINIMUM TWO BUBBLERS AT EACH TREE. INSTALL REQUIRED NUMBER OF BUBBLERS AS DETAILED.
 - IRRIGATION EQUIPMENT MAY BE SHOWN WITHIN HARDSCAPE FOR GRAPHIC CLARITY ONLY. INSTALL ALL IRRIGATION EQUIPMENT WITHIN PLANTED AREAS. IRRIGATION PIPE AND WIRE CROSSING BENEATH HARDSCAPE SURFACES SHALL BE CONTAINED WITHIN SLEEVING OR SCHEDULE 40 PVC CONDUIT. SLEEVING SIZE SHALL BE A MINIMUM OF TWO TIMES THE AGGREGATE DIAMETER OF ALL PIPES CONTAINED WITH SLEEVE. PROVIDE VERTICAL SWEEP FOR ALL ELECTRICAL CONDUIT ON EACH SIDE OF HARDSCAPE AND TERMINATE ENDS AT 12" MINIMUM DEPTH AND 12" FROM HARDSCAPE SURFACE.
 - UNSIZED LATERAL LINE PIPING LOCATED DOWN STREAM OF 1" PIPING SHALL BE 3/4" IN SIZE (TYPICAL).
 - SIZING OF LATERAL PIPE SHALL BE AS FOLLOWS:

0.75"	0–6 GPM
1"	7–12 GPM
1.25"	21–32 GPM
1.5"	21–32 GPM
 - SIZING OF LATERAL PIPE FOR DRIPLINE (12" O.C. GRID WITH 0.6 GPH OR LESS EMITTERS) SHALL BE AS FOLLOWS:

0.75	0–500 FT
1"	501–1100 FT
1.25"	1101–2000 FT

Irrigation Consultant:
Russell D. Mitchell Associates, Inc.
2760 Camino Diablo
Walnut Creek, CA 94597
tel 925.939.3985 ♦ fax 925.932.5671
www.rmairrigation.com



**CITY OF UKIAH
UKIAH DOWNTOWN
STREETSCAPE**

IRRIGATION PLAN

PROJ NO: 11191705	
DRWN:	CHKD:
PERKINS STREET INTERSECTION IP.L107	
SHEET 108 OF 121	

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	10/25/2019			

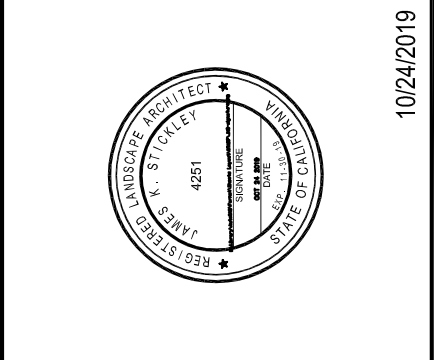
BAR IS ONE INCH ON ORIGINAL DRAWING

01"0

REUSE OF DOCUMENTS

This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.

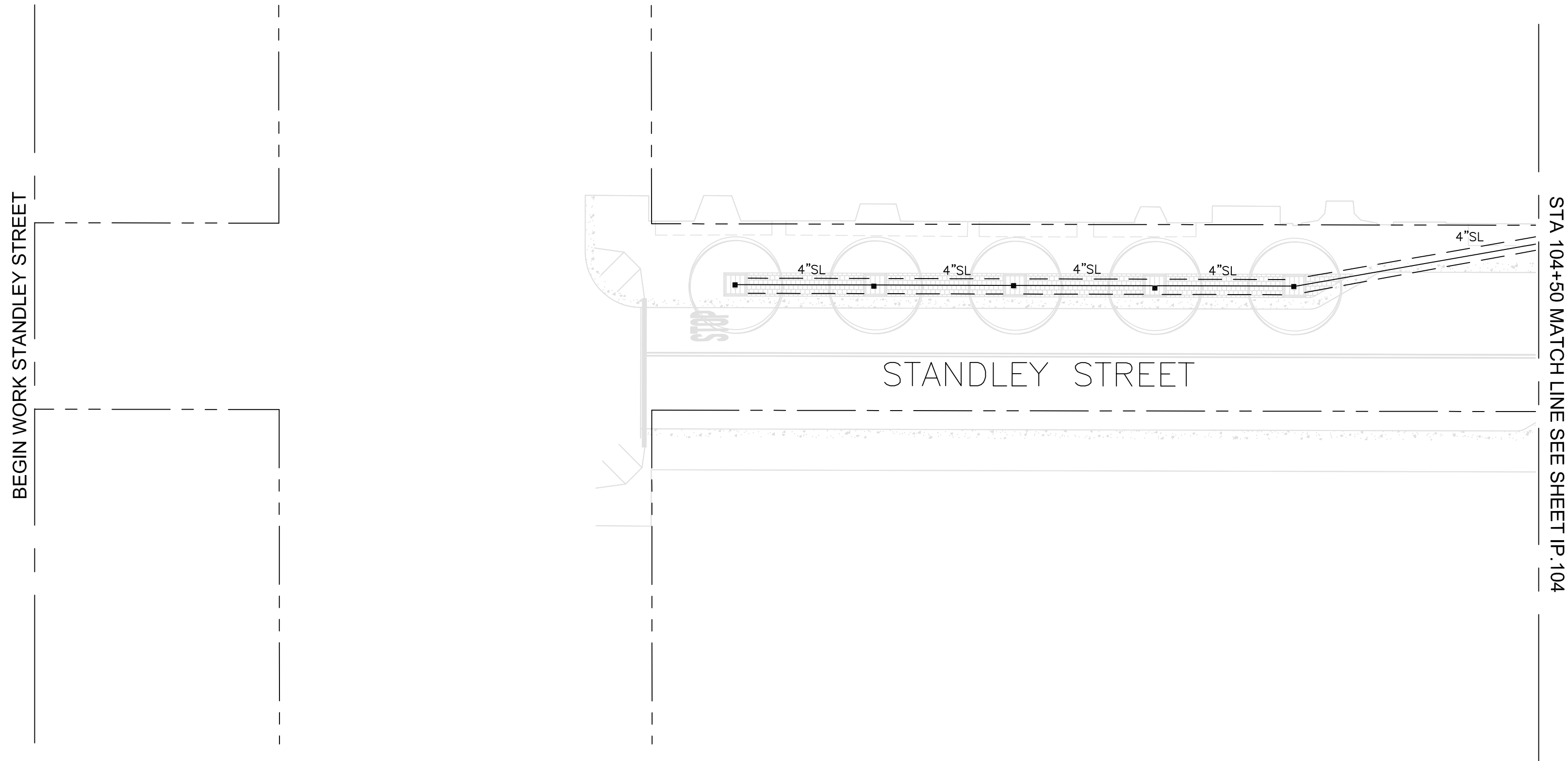
© 2019 GHD



GHD Inc.
2235 Mercury Way, Suite 150
San Jose, CA 95128 USA
T 408.523.1010 F 408.527.8679
W www.ghd.com

Wallace Roberts & Todd, LLC
4750 California Street, Suite 300
San Francisco, CA 94133
Tel 415.774.2551

10/24/2019



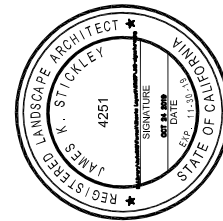
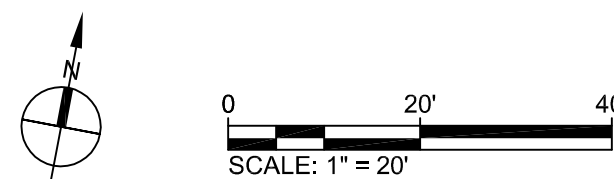
NOTES:

1. ONE BUBBLER SYMBOL IS SHOWN AT TREES FOR GRAPHIC CLARITY ONLY. INSTALL MINIMUM TWO BUBBLERS AT EACH TREE. INSTALL REQUIRED NUMBER OF BUBBLERS AS DETAILED.
2. IRRIGATION EQUIPMENT MAY BE SHOWN WITHIN HARDSCAPE FOR GRAPHIC CLARITY ONLY. INSTALL ALL IRRIGATION EQUIPMENT WITHIN PLANTED AREAS. IRRIGATION PIPE AND WIRE CROSSING BENEATH HARDSCAPE SURFACES SHALL BE CONTAINED WITHIN SLEEVING OR SCHEDULE 40 PVC CONDUIT. SLEEVING SIZE SHALL BE A MINIMUM OF TWO TIMES THE AGGREGATE DIAMETER OF ALL PIPES CONTAINED WITH SLEEVE. PROVIDE VERTICAL SWEEP FOR ALL ELECTRICAL CONDUIT ON EACH SIDE OF HARDSCAPE AND TERMINATE ENDS AT 12" MINIMUM DEPTH AND 12" FROM HARDSCAPE SURFACE.
3. UNSIZED LATERAL LINE PIPING LOCATED DOWN STREAM OF 1" PIPING SHALL BE 3/4" IN SIZE (TYPICAL).
4. SIZING OF LATERAL PIPE SHALL BE AS FOLLOWS:

0.75"	0-6 GPM
1"	7-12 GPM
1.25"	21-32 GPM
1.5"	21-32 GPM
5. SIZING OF LATERAL PIPE FOR DRIPLINE (12" O.C. GRID WITH 0.6 GPH OR LESS EMITTERS) SHALL BE AS FOLLOWS:

0.75	0-500 FT
1"	501-1100 FT
1.25"	1101-2000 FT

Irrigation Consultant:
Russell D. Mitchell Associates, Inc.
2760 Camino Diablo
Walnut Creek, CA 94597
tel 925.939.3985 ♦ fax 925.932.5671
www.rmairrigation.com



10/24/2019

GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95407, USA
T 1 707 523 1010 F 1 707 527 8679
W www.ghd.com

WRT Planning & Design

Wallace Roberts & Todd, LLC
478 Tehama Street, Suite 205
San Francisco, CA 94102
Tel: 415.775.0722
Fax: 415.775.0722
www.wallace-roberts.com

[illegible]

**CITY OF UKIAH
UKIAH DOWNTOWN
STREETSCAPE**

IRRIGATION PLAN

PROJ NO: 11191705

DRWN:	CHKD:
-------	-------

STANDLEY
STREET
IP.108

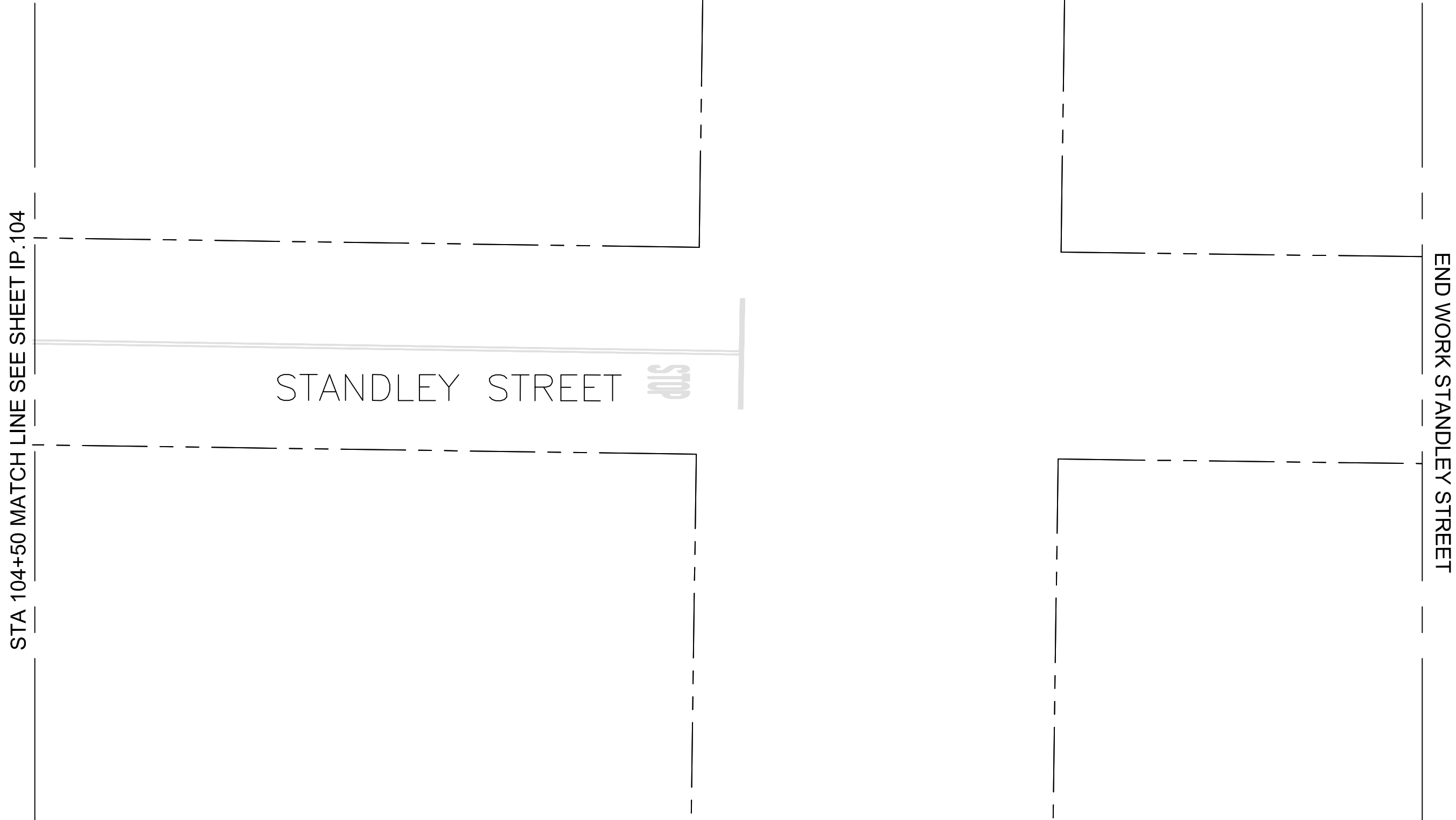
SHEET 109 OF 121

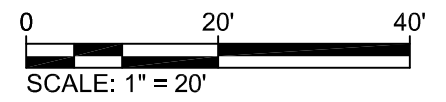
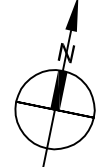
2019-10-24 4:06 PM DMUNGER
S:\2019\19-102 UKIAH STREETSCAPE\CAD\7-10-19\IP-109 MAIN STREET.DWG

- NOTE: NO LANDSCAPE IMPROVEMENTS. FOR REFERENCE ONLY.
- NOTES:
- ONE BUBBLER SYMBOL IS SHOWN AT TREES FOR GRAPHIC CLARITY ONLY. INSTALL MINIMUM TWO BUBBLERS AT EACH TREE. INSTALL REQUIRED NUMBER OF BUBBLERS AS DETAILED.
 - IRRIGATION EQUIPMENT MAY BE SHOWN WITHIN HARDSCAPE FOR GRAPHIC CLARITY ONLY. INSTALL ALL IRRIGATION EQUIPMENT WITHIN PLANTED AREAS. IRRIGATION PIPE AND WIRE CROSSING BENEATH HARDSCAPE SURFACES SHALL BE CONTAINED WITHIN SLEEVING OR SCHEDULE 40 PVC CONDUIT. SLEEVING SIZE SHALL BE A MINIMUM OF TWO TIMES THE AGGREGATE DIAMETER OF ALL PIPES CONTAINED WITH SLEEVE. PROVIDE VERTICAL SWEEP FOR ALL ELECTRICAL CONDUIT ON EACH SIDE OF HARDSCAPE AND TERMINATE ENDS AT 12" MINIMUM DEPTH AND 12" FROM HARDSCAPE SURFACE.
 - UNSIZE LATERAL LINE PIPING LOCATED DOWN STREAM OF 1" PIPING SHALL BE 3/4" IN SIZE (TYPICAL).
 - SIZING OF LATERAL PIPE SHALL BE AS FOLLOWS:

0.75"	0–6 GPM
1"	7–12 GPM
1.25"	21–32 GPM
1.5"	21–32 GPM
 - SIZING OF LATERAL PIPE FOR DRIPLINE (12" O.C. GRID WITH 0.6 GPH OR LESS EMITTERS) SHALL BE AS FOLLOWS:

0.75	0–500 FT
1"	501–1100 FT
1.25"	1101–2000 FT





SCALE: 1" = 20'

Irrigation Consultant:
Russell D. Mitchell Associates, Inc.

2760 Camino Diablo
Walnut Creek, CA 94597
tel 925.939.3985 ♦ fax 925.932.5671
www.rmairrigation.com

MARK		DATE	BID SET	DESCRIPTION	ISSUE
		10/25/2019			

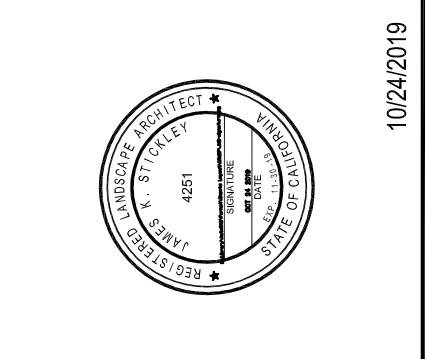
BAR IS ONE INCH ON ORIGINAL DRAWING

0 1"

REUSE OF DOCUMENTS

This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.

© 2019 GHD





GHD Inc.
2235 Mercury Way, Suite 150
San Jose, CA 95128 USA
T 408.553.1010 F 408.527.8679
W www.ghd.com



Wallace Roberts & Todd, LLC
4750 Mission Street, Suite 308
San Francisco, CA 94133
Tel 415.372.9551

PROJ NO:	11191705
DRWN:	CHKD:
MAIN STREET IP.109	
SHEET 110 OF 121	

THESE IRRIGATION DRAWINGS ARE DIAGRAMMATIC AND INDICATIVE OF THE WORK TO BE INSTALLED. ALL PIPING, VALVES, AND OTHER IRRIGATION COMPONENTS MAY BE SHOWN WITHIN PAVED AREAS FOR GRAPHIC CLARITY ONLY AND ARE TO BE INSTALLED WITHIN PLANTING AREAS. DUE TO THE SCALE OF THE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, SLEEVES, CONDUIT, AND OTHER ITEMS WHICH MAY BE REQUIRED. INVESTIGATE THE STRUCTURAL AND FINISHED CONDITION AFFECTING THE CONTRACT WORK INCLUDING OBSTRUCTIONS, GRADE DIFFERENCES OR AREA DIMENSIONAL DIFFERENCES. IN THE EVENT OF FIELD DISCREPANCY WITH CONTRACT DOCUMENTS, PLAN THE INSTALLATION WORK ACCORDINGLY BY NOTIFICATION AND APPROVAL OF THE OWNER'S AUTHORIZED REPRESENTATIVE AND ACCORDING TO THE CONTRACT SPECIFICATIONS. NOTIFY AND COORDINATE IRRIGATION CONTRACT WORK WITH APPLICABLE CONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE, CONDUIT OR SLEEVES THROUGH OR UNDER WALLS, ROADWAYS, PAVING AND STRUCTURES BEFORE CONSTRUCTION. IN THE EVENT THESE NOTIFICATIONS ARE NOT PERFORMED, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR REQUIRED REVISIONS.

THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, STANDARDS, AND REGULATIONS. ALL WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF THE NATIONAL ELECTRIC CODE; THE UNIFORM PLUMBING CODE, PUBLISHED BY THE WESTERN PLUMBING OFFICIALS ASSOCIATION; AND OTHER STATE OR LOCAL LAWS OR REGULATIONS. NOTHING IN THESE DRAWINGS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES OR REGULATIONS. THE CONTRACTOR SHALL FURNISH WITHOUT ANY EXTRA CHARGE, ANY ADDITIONAL MATERIAL AND LABOR WHEN REQUIRED BY THE COMPLIANCE WITH THESE CODES AND REGULATIONS.

THE CONTRACTOR SHALL COORDINATE INSTALLATION OF IRRIGATION SYSTEM WITH LAYOUT AND INSTALLATION OF THE PLANT MATERIALS TO INSURE THAT THERE WILL BE COMPLETE AND UNIFORM IRRIGATION COVERAGE OF PLANTING IN ACCORDANCE WITH THESE DRAWINGS, AND CONTRACT DOCUMENTS. THE IRRIGATION LAYOUT SHALL BE CHECKED BY THE CONTRACTOR AND OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO CONSTRUCTION TO DETERMINE IF ANY CHANGES, DELETIONS, OR ADDITIONS ARE REQUIRED. IRRIGATION SYSTEM SHALL BE INSTALLED AND TESTED PRIOR TO INSTALLATION OF PLANT MATERIAL.

THE INTENT OF THIS IRRIGATION SYSTEM IS TO PROVIDE THE MINIMUM AMOUNT OF WATER REQUIRED TO SUSTAIN GOOD PLANT HEALTH.

IT IS THE RESPONSIBILITY OF THE MAINTENANCE CONTRACTOR AND/OR OWNER TO PROGRAM THE IRRIGATION CONTROLLER(S) TO PROVIDE THE MINIMUM AMOUNT OF WATER NEEDED TO SUSTAIN GOOD PLANT HEALTH. THIS INCLUDES MAKING ADJUSTMENTS TO THE PROGRAM FOR SEASONAL WEATHER CHANGES, PLANT MATERIAL, WATER REQUIREMENTS, MOUNDS, SLOPES, SUN, SHADE AND WIND EXPOSURE.

IT IS THE RESPONSIBILITY OF A LICENSED ELECTRICAL CONTRACTOR TO PROVIDE 120 VOLT A.C. (2.5 AMP DEMAND PER CONTROLLER) ELECTRICAL SERVICE TO THE CONTROLLER LOCATION(S). IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO COORDINATE THE ELECTRICAL SERVICE STUB-OUT TO THE CONTROLLER(S), PROVIDE PROPER GROUNDING PER CONTROLLER MANUFACTURER'S INSTRUCTIONS AND IN ACCORDANCE WITH LOCAL CODES.

PROVIDE EACH CONTROLLER WITH ITS OWN GROUND ROD. SEPARATE THE GROUND RODS BY A MINIMUM OF EIGHT FEET. THE GROUND ROD SHALL BE AN EIGHT FOOT LONG BY 5/8" DIAMETER U.L. APPROVED COPPER CLAD ROD. INSTALL NO MORE THAN 6" OF THE GROUND ROD ABOVE FINISH GRADE. CONNECT #6 GAUGE WIRE WITH A U.L. APPROVED GROUND ROD CLAMP TO ROD AND BACK TO GROUND SCREW AT BASE OF CONTROLLER WITH APPROPRIATE CONNECTOR. MAKE THIS WIRE AS SHORT AS POSSIBLE, AVOIDING KINKS OR BENDING.

INSTALL NEW BATTERIES IN THE IRRIGATION CONTROLLER(S) TO RETAIN PROGRAM IN MEMORY DURING TEMPORARY POWER FAILURES. USE QUANTITY, TYPE AND SIZE REQUIRED AS PER CONTROLLER MANUFACTURER'S INSTRUCTIONS.

SCHEDULE A MEETING WHICH INCLUDES REPRESENTATIVES OF THE IRRIGATION CONTROLLER MANUFACTURER, THE MAINTENANCE CONTRACTOR, THE OWNER AND THE IRRIGATION CONTRACTOR AT THE SITE FOR INSTRUCTION ON THE PROPER PROGRAMMING AND OPERATION OF THE IRRIGATION CONTROLLER.

INSTALL 3" DETECTABLE TAPE ABOVE ALL PRESSURIZED MAIN LINES AS DETAILED. USE CHRISTY MODEL #TA-DT-3-BIRR FOR POTABLE IRRIGATION SYSTEMS OR #TA-DT-3-PRW FOR RECYCLED IRRIGATION WATER SYSTEMS..

INSTALL 2-WIRE CABLE ALONG THE MAIN LINE. CONTACT CONTROLLER REPRESENTATIVE FOR A PRE-CONSTRUCTION MEETING.

INSTALL 2-WIRE CABLE WITHIN 1.25" CONDUIT WITH LONG SWEEPS IN AND OUT OF EACH VALVE BOX. SEAL ALL CONDUIT OPENINGS WITH WATERPROOF FOAM.

INSTALL A 14"x19" GREY ELECTRICAL PULL BOX EVERY 200' AND AT EVERY CHANGE IN DIRECTION. ONLY SPLICE TWO WIRE CABLE AT THREE WAY WIRE CONNECTIONS.

3. IRRIGATION CONTROL WIRES: SOLID COPPER WITH U.L. APPROVAL FOR DIRECT BURIAL IN GROUND. SIZE #14AWG WIRE WITH A JACKETED 2-CONDUCTOR. PREFERRED WIRE MAKE AND MODEL IS TW-CAB-14. ALL SPLICING SHALL BE MADE WITH 3-M DBR/Y-6 OR WATERPROOF SPLICER KIT.
15. DECODER GROUNDING SHALL BE PROVIDED EVERY 600 FEET, AT THE CONTROLLER AND AT THE LAST DECODER OR AT THE END OF THE 2 WIRE PATH.. (ANY SPUR OVER 50 FEET AND AT THE ENDS OF COMMUNICATION WIRE PATHS). GROUND WITH A 5/8" X 8" COPPER CLAD GROUNDING ROD. #6 COPPER WIRE TO SURGE DEVICE/DECODER. INCLUDE A SURGE ARRESTOR AT EACH GROUNDING LOCATION. A SPLIT BOLT CONNECTION TO BE USED TO CONNECT THE SURGE DEVICE TO THE GROUND WIRE WITH A DBR/Y-6 WATERPROOF CONNECTOR.
16. SPLICING OF JACKETED 2-WIRE IS PERMITTED IN VALVE BOXES ONLY. LEAVE A 24" LONG COIL OF WIRE AT EACH SPLICE AND A 24" LONG EXPANSION LOOP IN ALL PULL BOXES.
17. INSTALL BLACK PLASTIC VALVE BOXES WITH BOLT DOWN, NON HINGED COVER MARKED "IRRIGATION". BOX BODY SHALL HAVE KNOCK OUTS. ACCEPTABLE VALVE BOX MANUFACTURER'S INCLUDE NDS, CARSON OR APPROVED EQUAL.
15. INSTALL REMOTE CONTROL VALVE BOXES 12" FROM WALK, CURB, BUILDING OR LANDSCAPE FEATURE. AT MULTIPLE VALVE BOX GROUPS, INSTALL EACH BOX AN EQUAL DISTANCE FROM THE WALK, CURB, BUILDING OR LANDSCAPE FEATURE AND PROVIDE 12" BETWEEN BOX TOPS. ALIGN THE SHORT SIDE OF RECTANGULAR VALVE BOXES PARALLEL TO WALK, CURB, BUILDING OR LANDSCAPE FEATURE.
16. VALVE LOCATIONS SHOWN ARE DIAGRAMMATIC. INSTALL IN GROUND COVER/SHRUB AREAS (AVOID LAWN AREAS WHERE POSSIBLE).
17. THE CONTRACTOR SHALL LABEL CONTROL LINE WIRE AT EACH REMOTE CONTROL VALVE WITH A 2 1/4" X 2 3/4" POLYURETHANE I.D. TAG, INDICATING IDENTIFICATION NUMBER OF VALVE (CONTROLLER AND STATION NUMBER). ATTACH LABEL TO CONTROL WIRE. THE CONTRACTOR SHALL PERMANENTLY STAMP ALL VALVE BOX LIDS WITH APPROPRIATE IDENTIFICATION AS NOTED IN CONSTRUCTION DETAILS.
18. FLUSH AND ADJUST IRRIGATION OUTLETS AND NOZZLES FOR OPTIMUM PERFORMANCE AND TO PREVENT OVER SPRAY ONTO WALKS, ROADWAYS, AND/OR BUILDINGS. SELECT THE BEST DEGREE OF THE ARC AND RADIUS TO FIT THE EXISTING SITE CONDITIONS AND THROTTLE THE FLOW CONTROL AT EACH VALVE TO OBTAIN THE OPTIMUM OPERATING PRESSURE FOR EACH CONTROL ZONE.
19. LOCATE BUBBLERS ON UPHILL SIDE OF PLANT OR TREE.
20. INSTALL A HUNTER HCV SERIES, KBI CV SERIES, OR APPROVED EQUAL SPRING LOADED CHECK VALVE IN SPRINKLER RISER ASSEMBLIES WHERE LOW OUTLET DRAINAGE WILL CAUSE EROSION AND/OR EXCESS WATER.
21. WHERE IT IS NECESSARY TO EXCAVATE ADJACENT TO EXISTING TREES, USE CAUTION TO AVOID INJURY TO TREES AND TREE ROOTS. EXCAVATE BY HAND IN AREAS WHERE TWO (2) INCH AND LARGER ROOTS OCCUR. BACK FILL TRENCHES ADJACENT TO TREE WITHIN TWENTY-FOUR (24) HOURS. WHERE THIS IS NOT POSSIBLE, SHADE THE SIDE OF THE TRENCH ADJACENT TO THE TREE WITH WET BURLAP OR CANVAS.
22. NOTIFY LOCAL JURISDICTIONS FOR INSPECTION AND TESTING OF INSTALLED BACKFLOW PREVENTION DEVICE.
23. THE IRRIGATION SYSTEM DESIGN IS BASED ON THE MINIMUM OPERATING PRESSURE SHOWN ON THE IRRIGATION DRAWINGS. VERIFY WATER PRESSURE PRIOR TO CONSTRUCTION. REPORT ANY DIFFERENCE BETWEEN THE WATER PRESSURE INDICATED ON THE DRAWINGS AND THE ACTUAL PRESSURE READING AT THE IRRIGATION POINT OF CONNECTION TO THE OWNER'S AUTHORIZED REPRESENTATIVE.
24. IRRIGATION DEMAND: REFER TO PLANS.
25. PIPE SIZING SHOWN ON THE DRAWINGS IS TYPICAL. AS CHANGES IN LAYOUT OCCUR DURING STAKING AND CONSTRUCTION THE SIZE MAY NEED TO BE ADJUSTED ACCORDINGLY.
26. PIPE THREAD SEALANT COMPOUND SHALL BE RECTOR SEAL #5.
27. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR MINOR CHANGES IN THE IRRIGATION LAYOUT DUE TO OBSTRUCTIONS NOT SHOWN ON THE IRRIGATION DRAWINGS SUCH AS LIGHTS, FIRE HYDRANTS, SIGNS, ELECTRICAL ENCLOSURES, ETC.
28. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR CHANGES IN THE IRRIGATION LAYOUT AND VALVE ZONING DUE TO VARIATIONS IN THE EXISTING SITE CONDITIONS SUCH AS EXPOSURE FROM BUILDINGS, TRELLISES, TREES, ETC., AS WELL AS SLOPE AND SOIL CONDITIONS. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT AND IRRIGATION CONSULTANT OF THE PROPOSED CHANGES PRIOR TO INSTALLATION FOR APPROVAL.
29. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ADJUSTING THE IRRIGATION SYSTEM DESIGN IF THE PLANTING DESIGN CHANGES FROM THE ORIGINAL PLAN AND NEEDS TO ADAPT TO

30. WHEN WORK OF THIS SECTION HAS BEEN COMPLETED AND SUCH OTHER TIMES AS MAY BE DIRECTED, REMOVE ALL TRASH, DEBRIS, SURPLUS MATERIALS AND EQUIPMENT FROM SITE.
31. CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLEMENTAL HAND WATERING OF ALL PLANT MATERIAL WITHIN DRIPLINE AREAS UNTIL THE PLANTS ARE SUFFICIENTLY ESTABLISHED.
32. VERIFY LOCATIONS OF ALL IRRIGATION COMPONENTS INSTALLED WITHIN A VALVE BOX WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. DO NOT INSTALL UNTIL LANDSCAPE ARCHITECT PROVIDES ACCEPTABLE LOCATIONS.

SYMBOL	MODEL NUMBER	DESCRIPTION	NOZZLE GPM	OPERATING PSI	OPERATING RADIUS (FEET)
■	DB-30-PC-CV	TORO BUBBLER, MIN. 2 PER TREE. REFER TO BUBBLER DETAIL FOR QUANTITY OF BUBBLERS PER TREE SIZE.	0.5	30	TRICKLE
●➔	T-YD-500-34	TORO DRIPLINE AIR RELIEF VALVE			
●+	WLT-0500-T	NDS SCH 40 BALL VALVE OR APPROVED EQUAL			
⊠	570Z-6P-SI/ O-T-5-QP	TORO POP-UP SPRINKLER WITH SIDE INLET AND A CLOSED 5" NOZZLE TO BE USED AS DRIPLINE INDICATOR			
⚙	9991-83	GRISWOLD 1.5" MASTER VALVE (NORMALLY OPEN)			
▣	FS-150	RAIN MASTER FLOW SENSOR			
⊕	P-220-26 SERIES	TORO REMOTE CONTROL VALVE			
▣	DZK-700-MF	TORO REMOTE CONTROL VALVE WITH A PRESSURE REGULATOR (40 PSI) AND A 1" FILTER			
➔	33 DNP	RAIN BIRD QUICK COUPLING VALVE			
⏏	LGT-XX-SS	LEEMCO STAINLESS STEEL GATE VALVE (LINE SIZE)			
⬡	EGP-TWi-SPED	RAIN MASTER EAGLE PLUS CONTROLLER IN A STAINLESS STEEL PEDESTAL ENCLOSURE; INCLUDES I-CARD AND TWO YEARS RAIN MASTER I-CENTRAL SERVICE.			
-	RM-ISVC-2Y	ADDITIONAL 2 YEARS OF PREMIUM (FREEDOM) WIRELESS DATA SERVICE AND ZIPET FOR RAIN MASTER iCENTRAL CONTROL SYSTEM			
-	TW-D-1	RAIN MASTER SINGLE STATION DECODER (1 PER VALVE)			
-	TW-D-2	RAIN MASTER TWO STATION DECODER (USE WHEN MORE THAN 1 OR MORE VALVE IS CLUSTERED TOGETHER)			
⊙	TW-LA-1	RAIN MASTER LIGHTENING ARRESTOR (1 EVERY 600 FEET ALONG MAIN) REFER TO DETAILS FOR INSTALLATION INSTRUCTIONS.			
—	NOT SHOWN ON PLANS	ROUTE RAIN MASTER TWO WIRE CABLE TO ALL REMOTE CONTROL VALVES. SIZE #14AWG WIRE WITH A JACKETED 2-CONDUCTOR. PREFERRED WIRE MAKE AND MODEL IS TW-CAB-14. ALL SPlicing SHALL BE MADE WITH 3-M DBR/Y-6 WATERPROOF SPLICE KITS OR APPROVED EQUAL. INSTALL 2 WIRE CABLE WITHIN 1.25" SCH 40 ELECTRICAL CONDUIT. PULL BOXES SHALL BE LOCATED EVERY 200' NO SPLICES ARE ALLOWED BETWEEN VALVES. REFER TO DETAIL FOR INSTALLATION INSTRUCTIONS.			
		CONTROLLER AND STATION NUMBER			
		FLOW (GPM)			
		REMOTE CONTROL VALVE SIZE (IN INCHES)			
		ASSOCIATED REMOTE CONTROL VALVE			
		CONTROLLER AND STATION NUMBER			
		AREA (SQ. FT.)			
		FLOW (GPM)			
		REMOTE CONTROL VALVE SIZE (IN INCHES)			
		ASSOCIATED REMOTE CONTROL VALVE			
— — — — —		MAIN LINE:	2" AND SMALLER:		
— — — — —			1120-SCHEDULE 40 PVC PLASTIC PIPE WITH SCHEDULE 40 PVC SOLVENT WELD FITTINGS. 18" COVER.		
— — — — —		LATERAL LINE:	3/4" AND LARGER:		
— — — — —			1120-SCHEDULE 40 PVC PLASTIC PIPE WITH SCHEDULE 40 PVC SOLVENT WELD FITTINGS. 12" COVER.		
— — — — —		DRIPLINE	3/4" AND LARGER:		
— — — — —		LATERAL LINE:	1120-SCHEDULE 40 PVC PLASTIC PIPE WITH SCHEDULE 40 PVC SOLVENT WELD FITTINGS. 12" COVER.		
— — — — —		SLEEVING:	SCHEDULE 40 PVC PLASTIC PIPE. COVER TO BE AS INDICATED IN SPECIFICATIONS OR AS INDICATED ABOVE FOR PIPE DEPTH OF COVER.		

The diagram illustrates two methods for connecting a dripline to a PVC lateral. In the top method, a dripline is connected to a PVC lateral at a distance of 12 inches O.C. In the bottom method, a dripline is connected to a PVC lateral at a distance of 12 inches O.C. with a note about the dripline remote control valve.

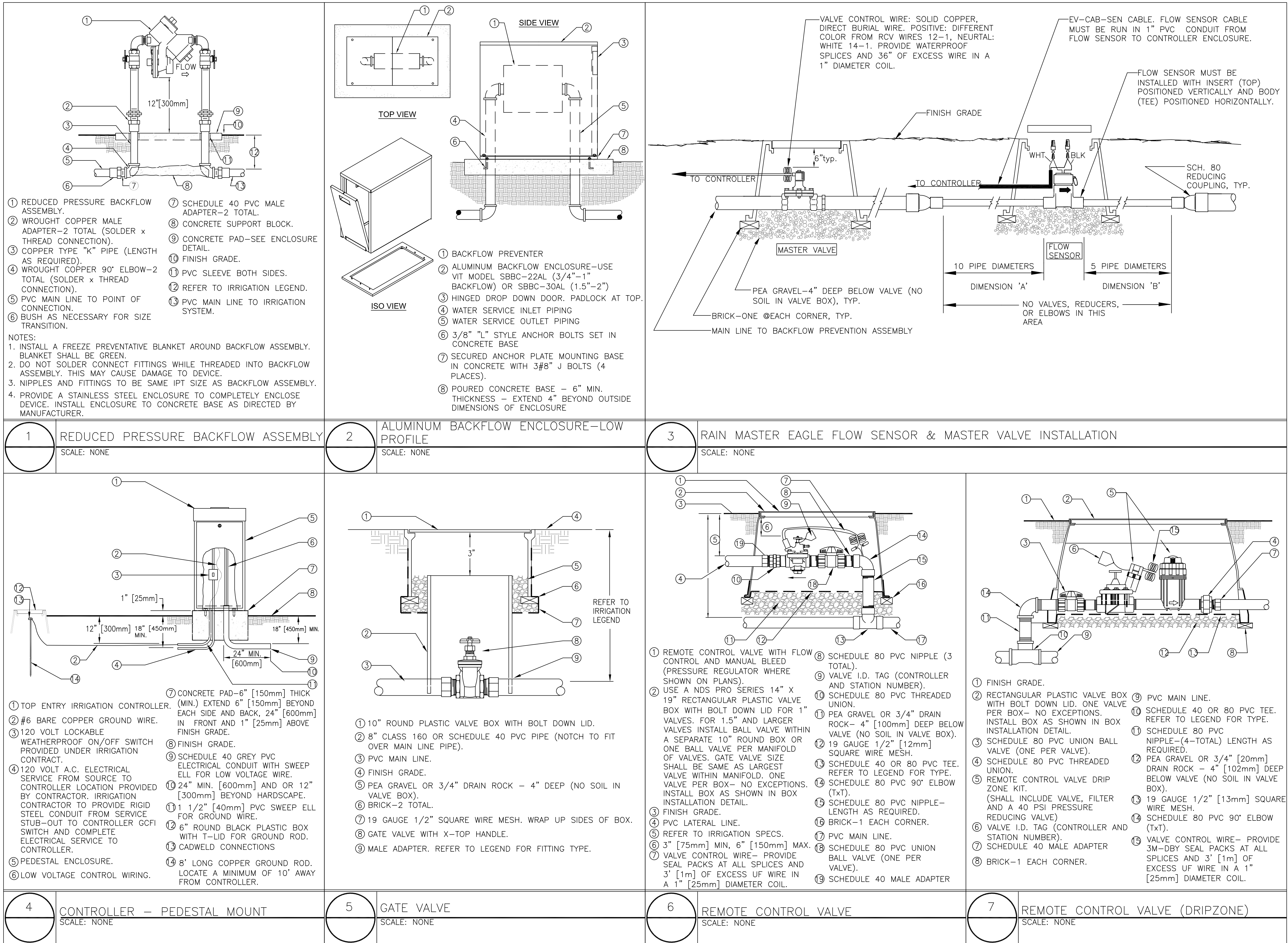
DRIPLINE REMOTE CONTROL VALVE

TORO DL2000 SERIES DRIPLINE WITH TRI-LOC FITTINGS, PART #RGP-212. TUBING TO BE INSTALLED 4" BELOW GRADE IN A 12" O.C. GRID ACCORDING TO DETAILS. SIZE EXHAUST HEADERS AS FOLLOWS: 1": 0-10 GPM, 1.25": 11-20 GPM. ALL EXHAUST HEADERS SHALL BE 1" SCH 40 PVC OR 1" SCH 40 FLEXIBLE PVC. USE SCH. 40 PVC SOLVENT WELD FITTINGS. EXTEND PVC HEADERS TO THE ENDS OF ALL DRIP ZONES TO BALANCE FLOW IF REQUIRED. SEE DETAILS FOR FURTHER INFORMATION.

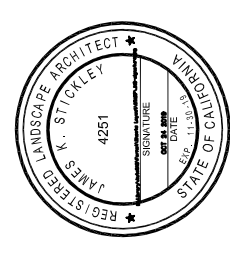
DRIPLINE REMOTE CONTROL VALVE

APPROXIMATE CONNECTION POINT BETWEEN DRIPLINE TUBING AND PVC SUPPLY WHEN DRIP ZONE IS LESS THAN 3 GPM AND NO PVC SUPPLY/EXHAUST HEADERS ARE NEEDED. REFER TO DRIPLINE TUBING CONNECTION DETAIL FOR MORE INFORMATION.

2019-10-24 4:06 PM DWUNGER
S:\2019\19-102 UKIAH STREETSCAPE\CAD\7-10-19\IP-110-IP-112 IRRIGATION\L.D.DWG



GHD Inc.
2235 Mercury Way, Suite 150
San Jose, California 95131 USA
T 408.553.1010 F 408.527.8679
W www.ghd.com



REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	10/25/2019			

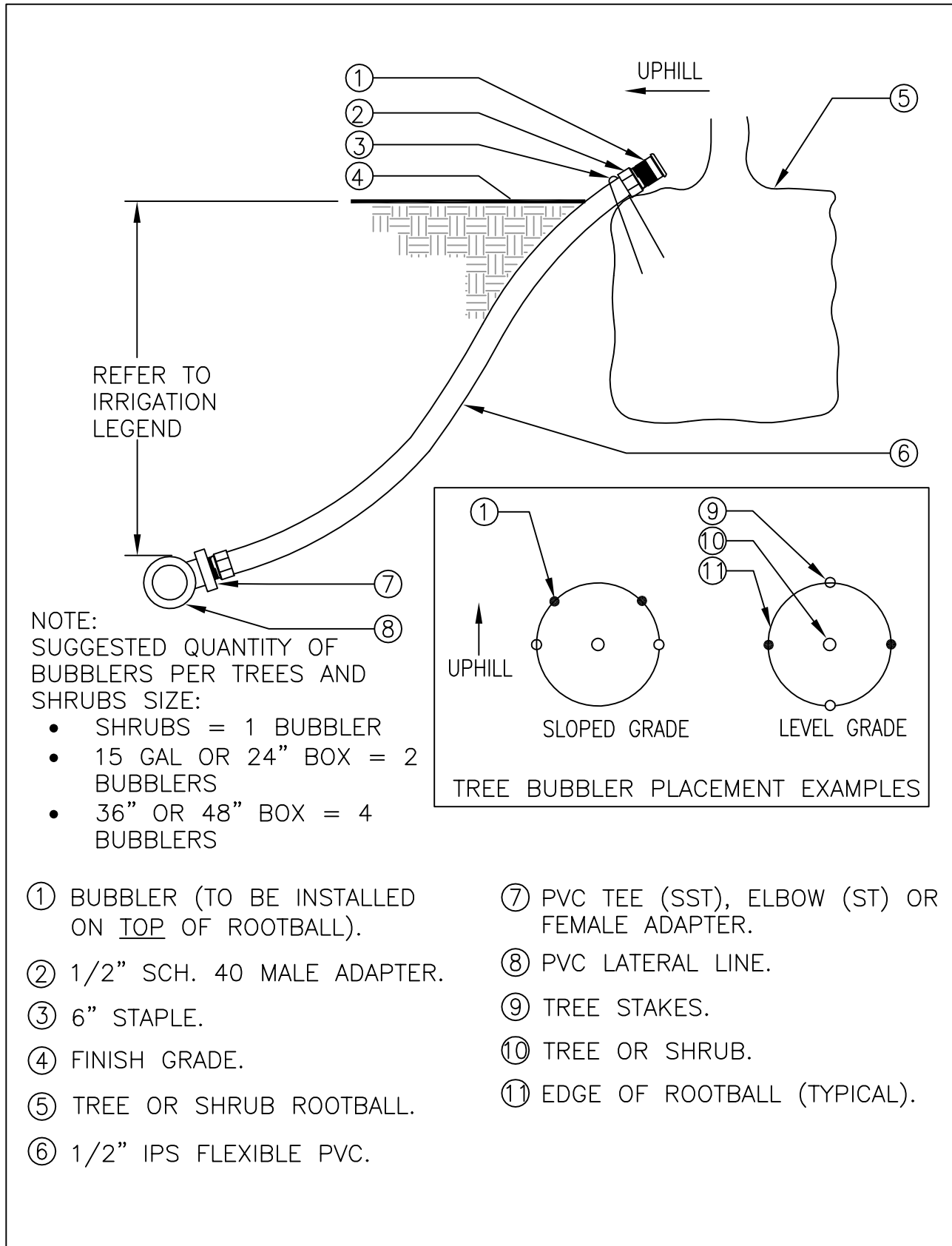
CITY OF UKIAH
UKIAH DOWNTOWN
STREETSCAPE

IRRIGATION DETAILS

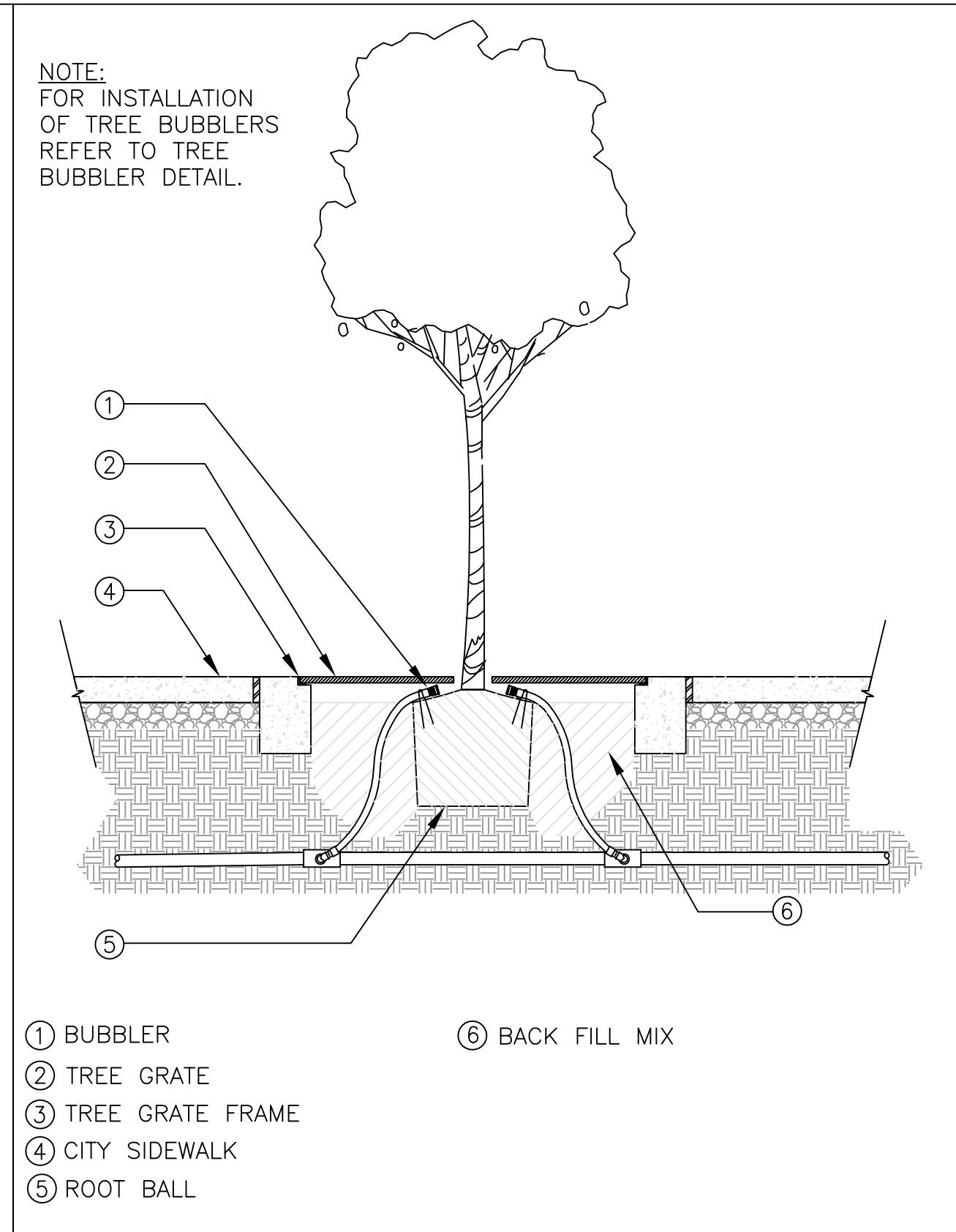
PROJ NO: 11191705
DRWN: CHKD:
IP.111
SHEET 112 OF 121



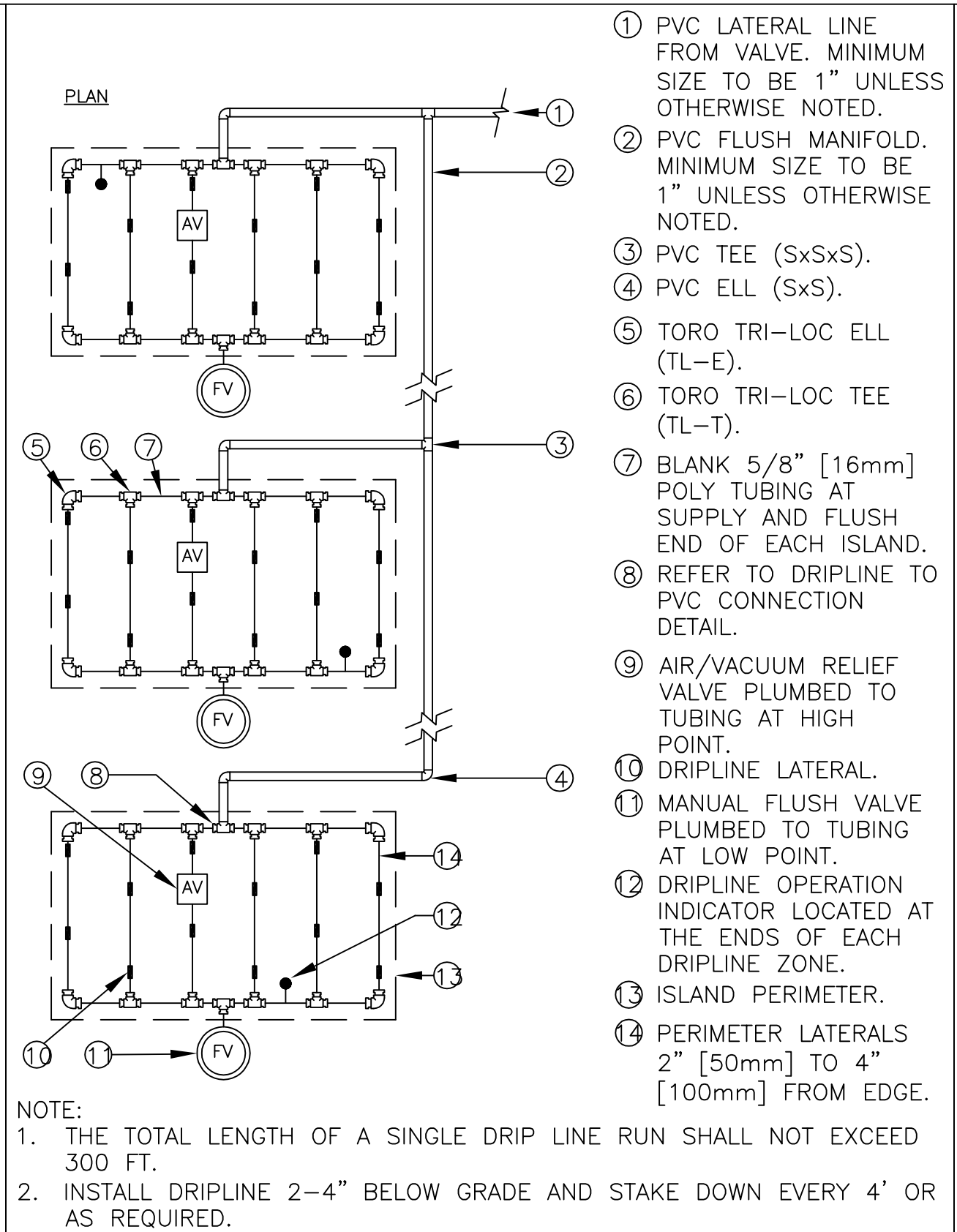
2019-10-24 4:06 PM DWUNGER
S:\2019\19-102 UKIAH STREETSCAPE\CAD\7-10-19\IP-110-IP-112 IRRIGATION L.N.D.WWG



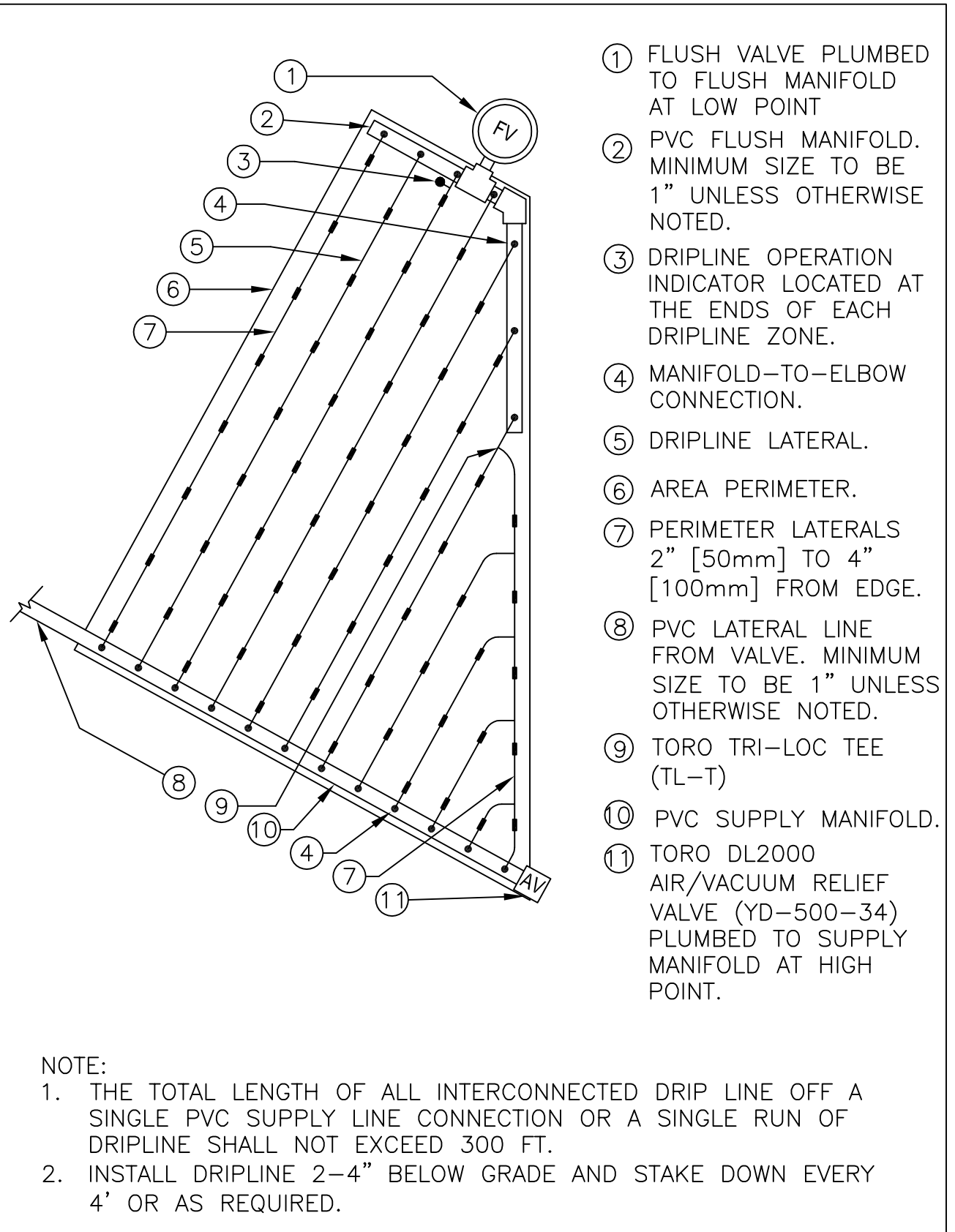
1 TREE AND SHRUB BUBBLER
SCALE: NONE



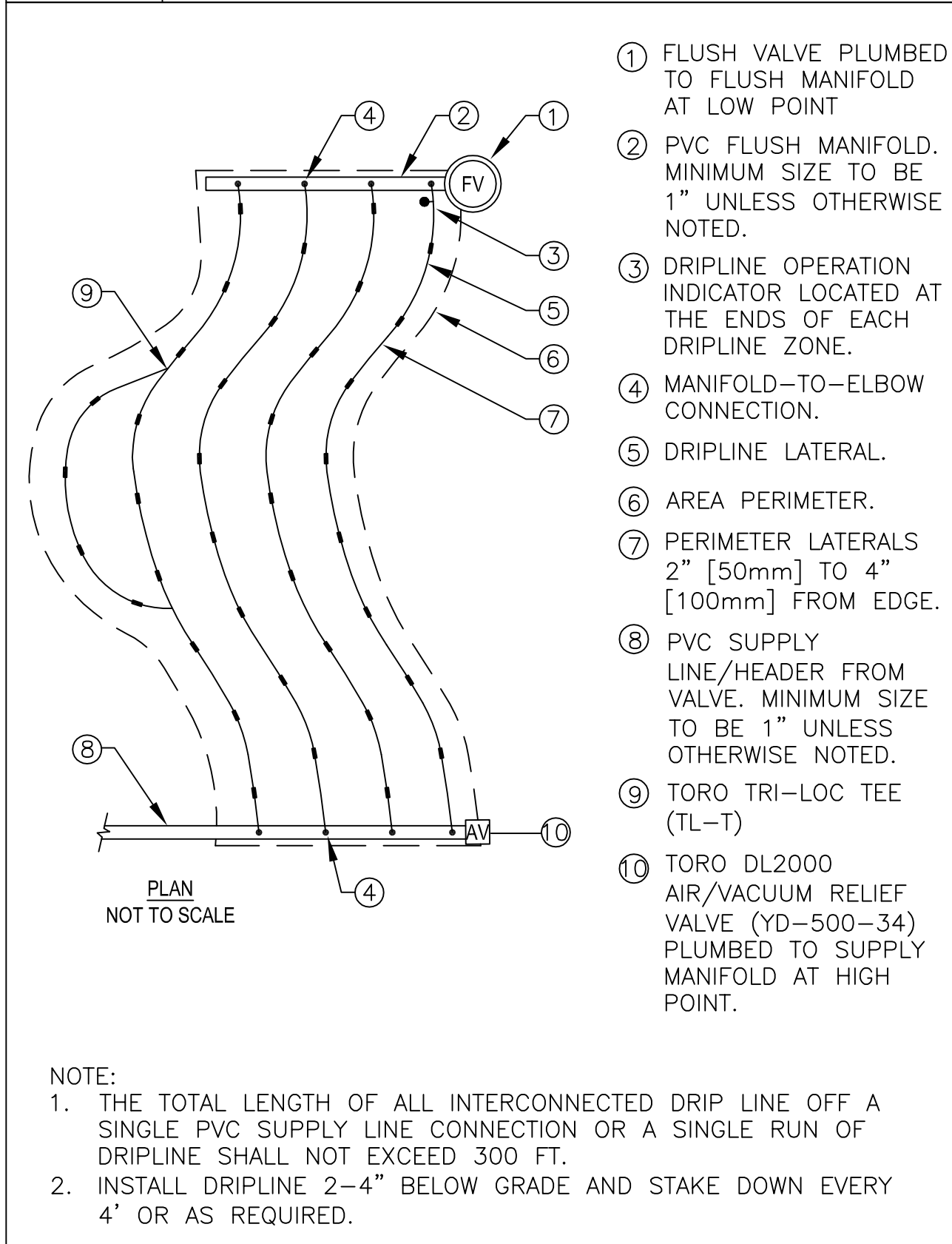
2 TREE BUBBLER WITHIN TREE GRATE
SCALE: NONE



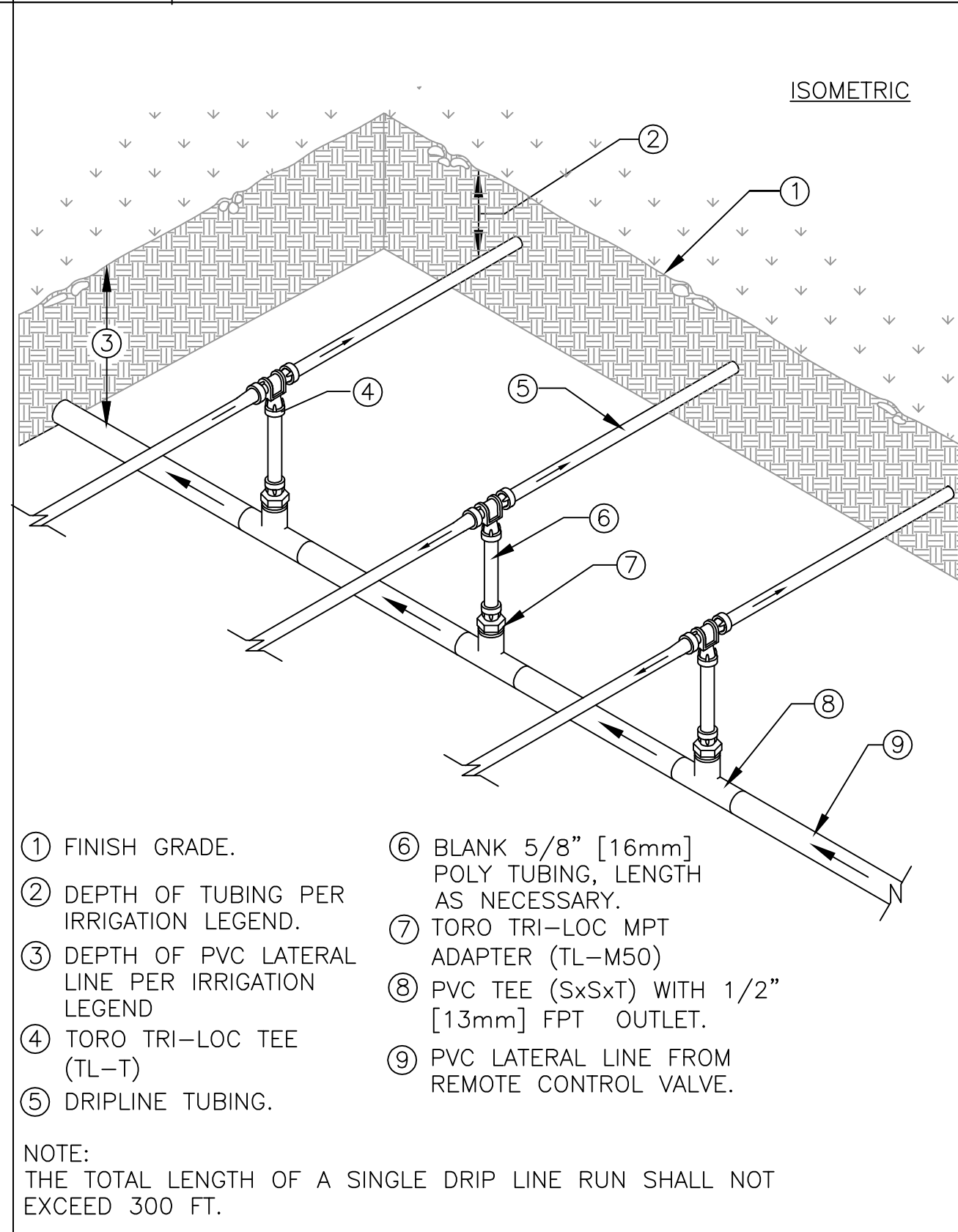
3 TORO DL 2000 ISLAND LAYOUT
SCALE: NONE



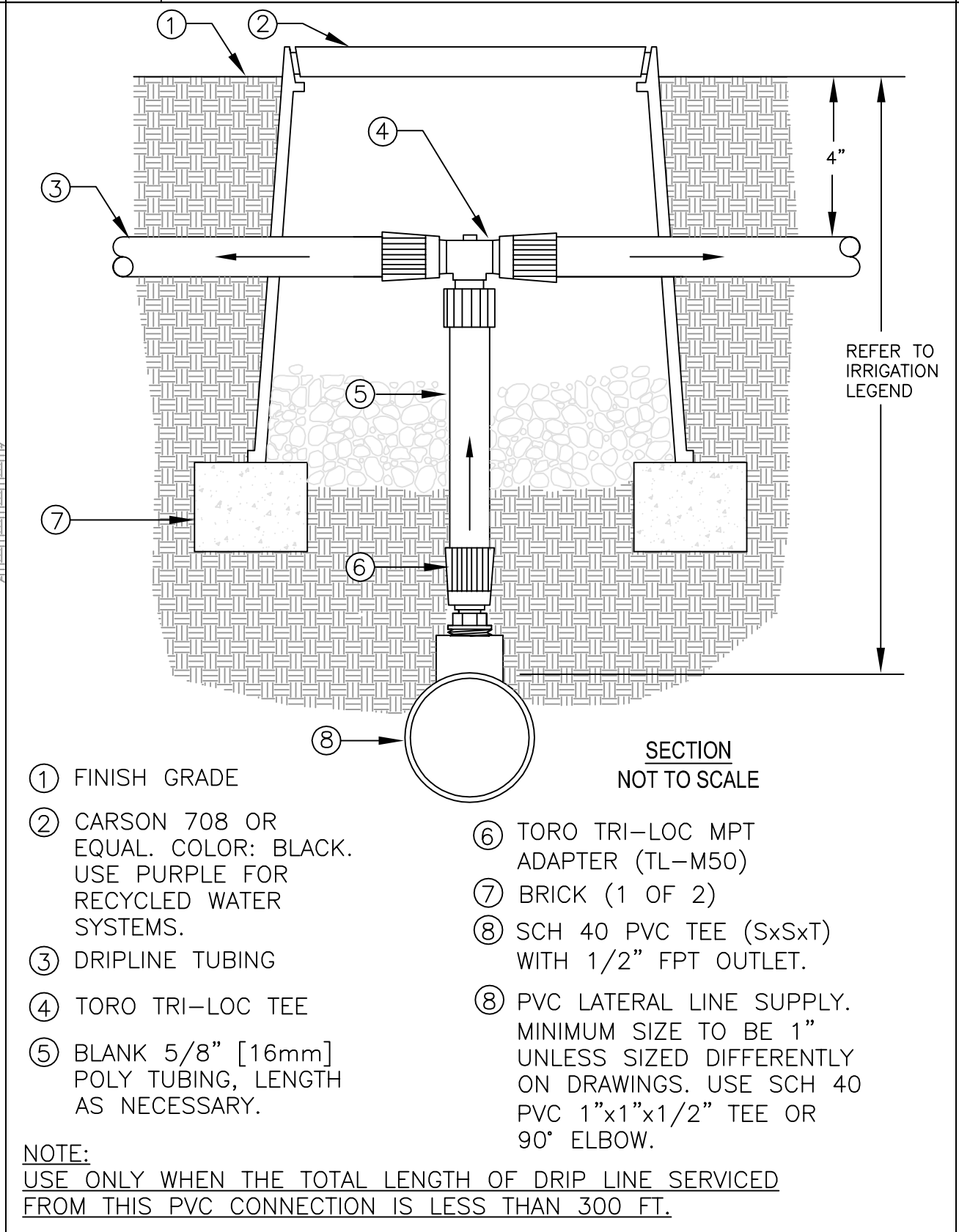
4 TORO DL2000 TRIANGULAR LAYOUT
SCALE: NONE



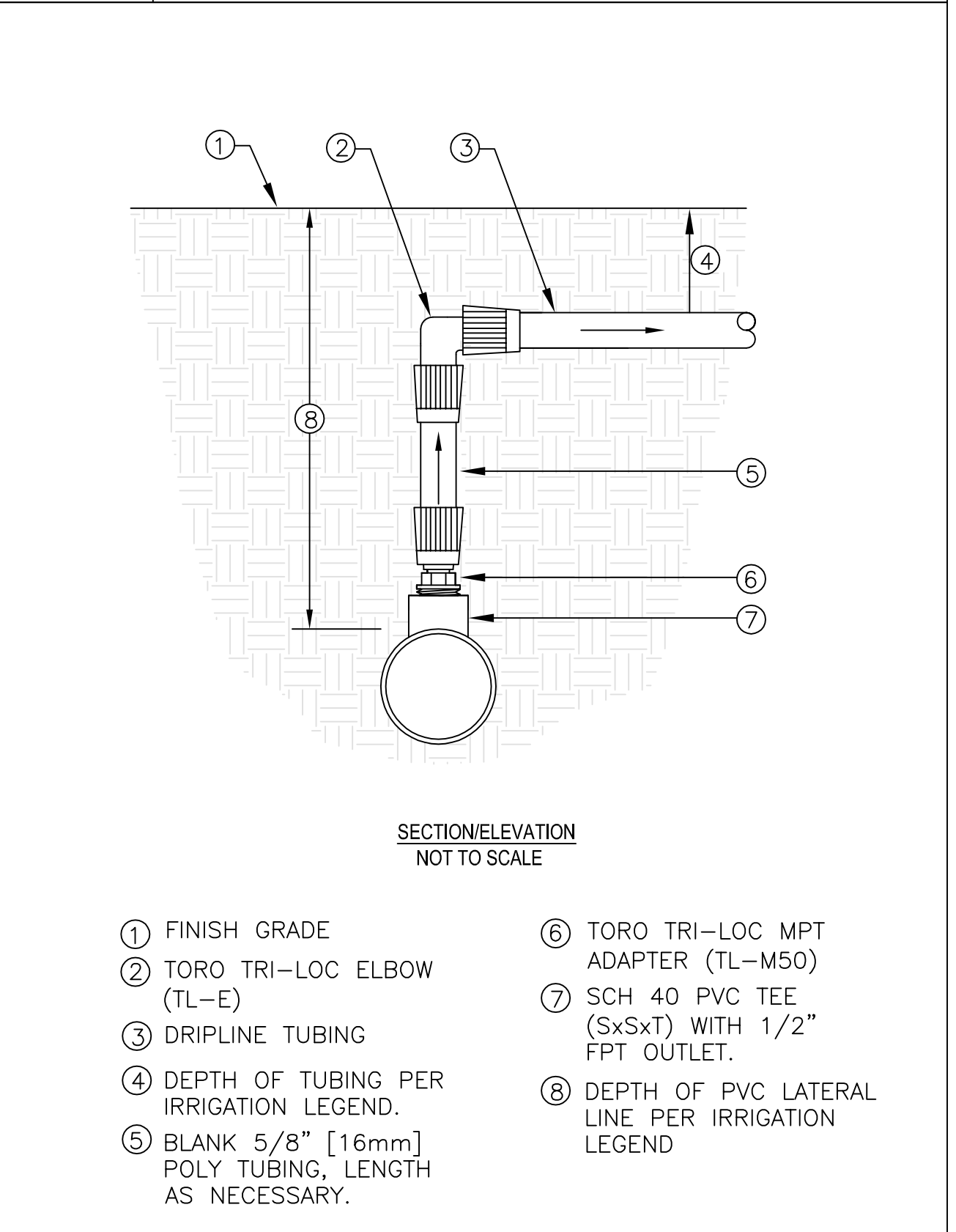
5 TORO DL2000 ODD CURVE LAYOUT
SCALE: NONE



6 TORO DL 2000 CENTER FEED MANIFOLD
SCALE: NONE

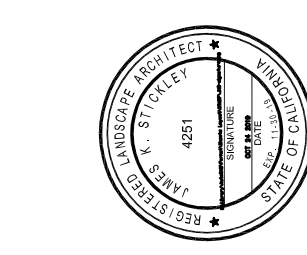


7 DRIPLINE TO PVC CONNECTION-SINGLE
SOURCE DRIP AREAS ONLY
SCALE: NONE



8 DRIPLINE MANIFOLD TO ELBOW CONNECTION
SCALE: NONE

GHD Inc.
2235 Mercury Way, Suite 150
San Jose, California 95131 USA
Tel: 408.527.5275
Fax: 408.527.5275
W: www.ghd.com



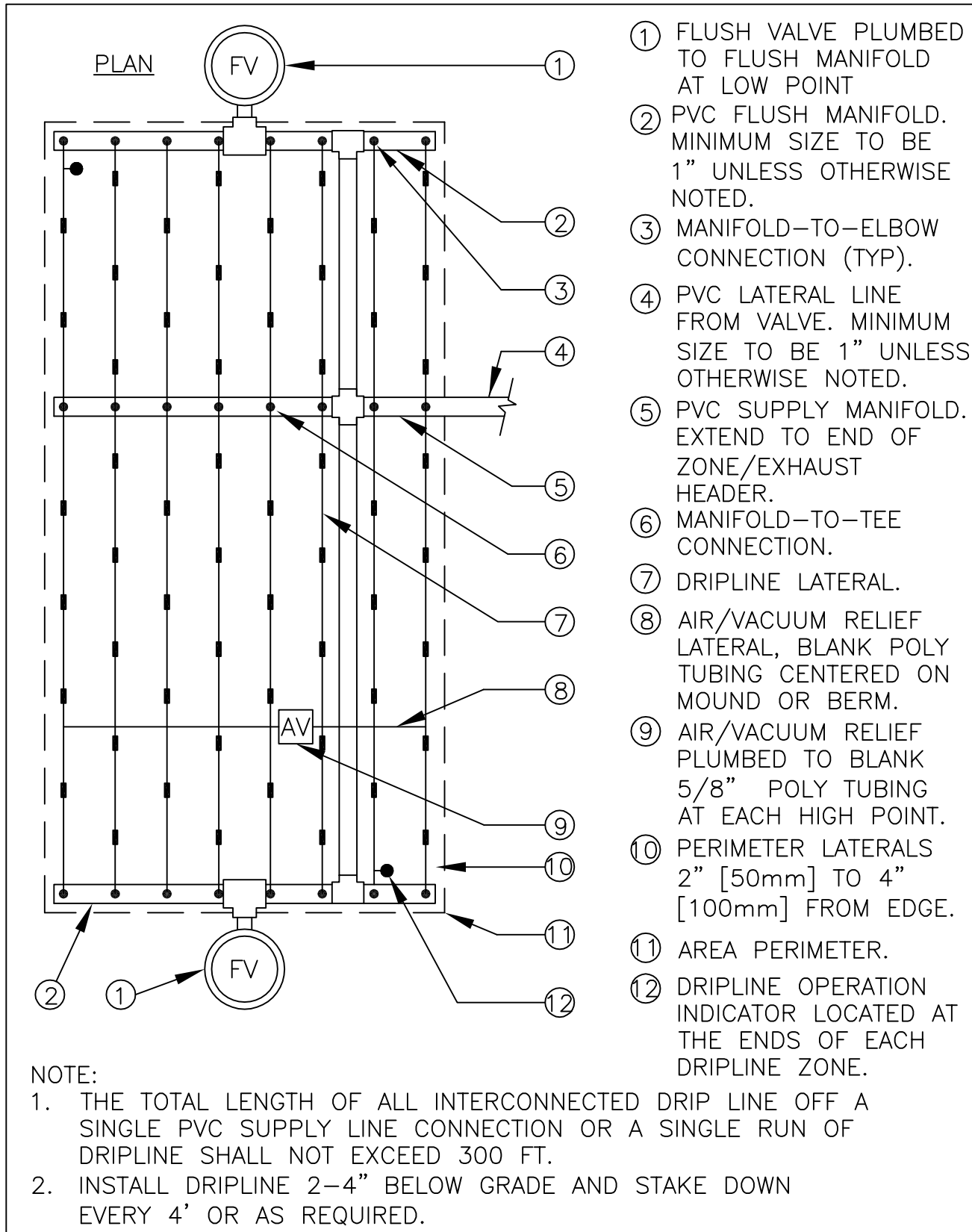
REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE

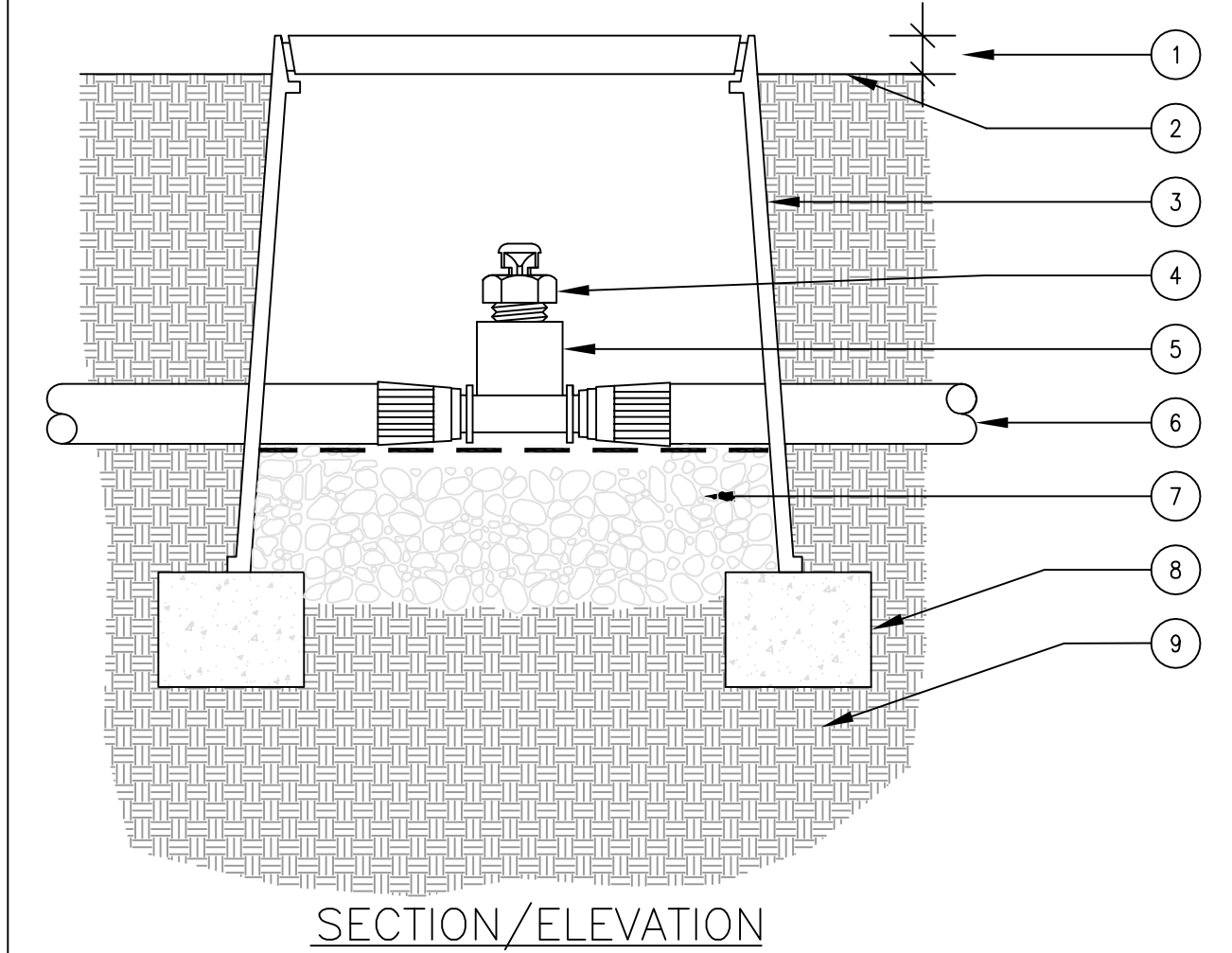
CITY OF UKIAH
UKIAH DOWNTOWN
STREETSCAPE

PROJ NO: 11191705
DRWN: CHKD:
IP.112
SHEET 114 OF 121

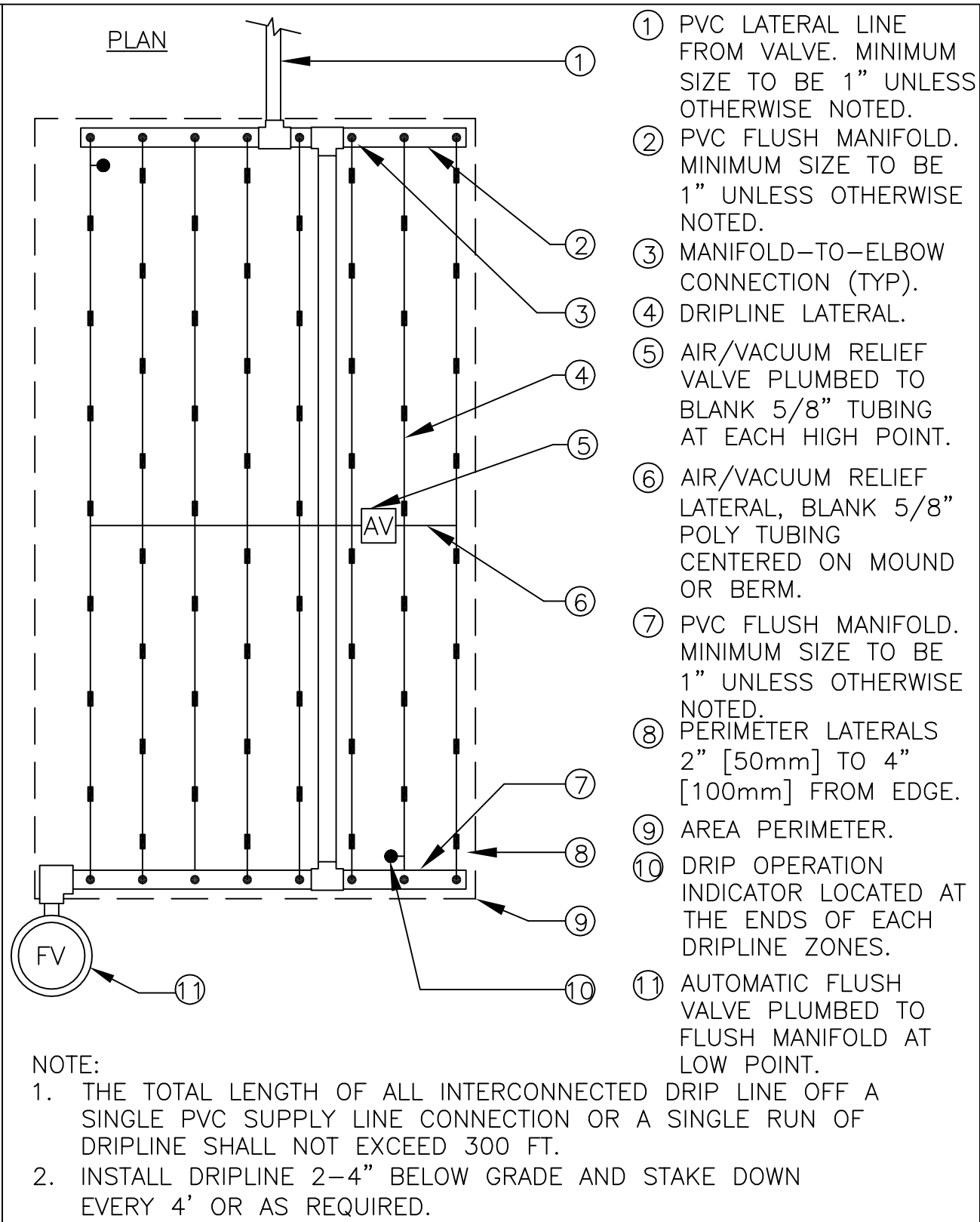
2019-10-24 4:06 PM DMUNGER
S:\2019\19-102 UKIAH STREETSCAPE\CAD\7-10-19\IP-110-IP-112 IRRIGATION L.N.D.DWG



1 TORO DL 2000 CENTER FEED LAYOUT
SCALE: NONE



5 AIR VACUUM RELIEF VALVE IN DRIPLINE
SCALE: NONE



2 TORO DL 2000 END FEED LAYOUT
SCALE: NONE

WATER CALCULATION:

WATER TYPE	POTABLE
SITE ETO=	40.9

REGULAR LANDSCAPE AREAS												
HYDROZONE #	HYDROZONE NAME	PLANT WATER USE TYPE	PLANT FACTOR (PF)	IRRIGATION METHOD	IRRIGATION EFFICIENCY	ETAF (PF/IE)	AREA (SQ. FT) (HA)	ETAF X AREA (HA)	ETWU (GAL/YR)	ACRE FEET/ YEAR	HCF/ YEAR	PERCENTAGE OF LANDSCAPE
1	BIORETENTION	LOW	0.3	DRIP	0.81	0.370	5,860	2,170	55,036	0.17	73.58	50%
2	TREES	LOW	0.3	BUBBLER	0.81	0.370	5,750	2,130	54,003	0.17	72.20	50%
TOTALS							11,610	4,300	109,039	0.33	145.77	100%

SPECIAL LANDSCAPE AREAS											
HYDROZONE #	HYDROZONE NAME										
3											
TOTALS											

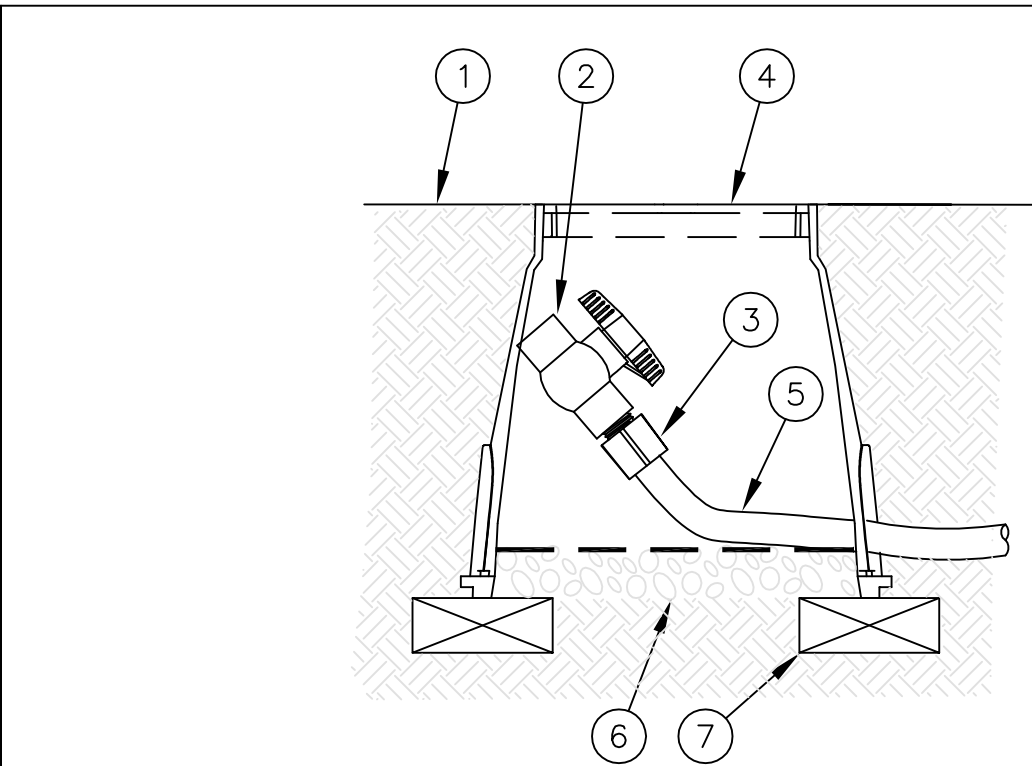
MAWA	GALLONS/YR	132,483
	ACRE FEET/YR	0.41
	HCF/YR	177.12

ETWU	GALLONS/YR	109,039
	ACRE FEET/YR	0.33
	HCF/YR	145.77

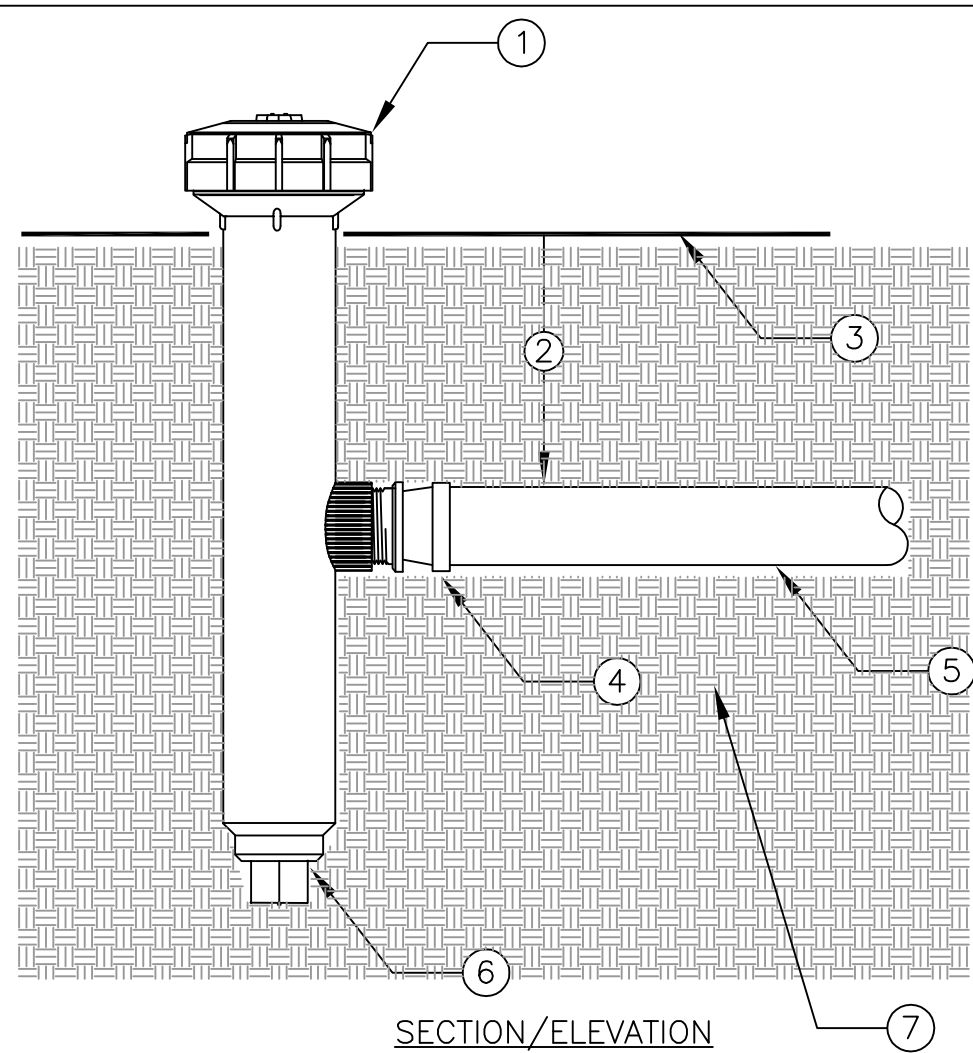
SITE IRRIGATION EFFICIENCY	SITE PLANT FACTOR	MAWA COMPLIANT
81.0%	0.30	YES

ETAF Calculations	
REGULAR LANDSCAPE AREAS	
TOTAL ETAF x AREA	4,300
TOTAL AREA	11,610
AVG. ETAF	37.04%

WATER USE ESTIMATION

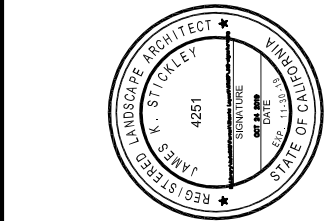


3 DRIPLINE-FLUSH POINT
SCALE: NONE



4 DRIPLINE OPERATION INDICATOR
SCALE: NONE

GHD Inc.
2235 Mercury Way, Suite 150
San Jose, CA 95128 USA
T 408.527.5275 F 408.527.5275
W www.ghd.com

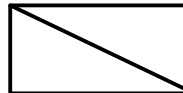
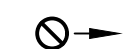
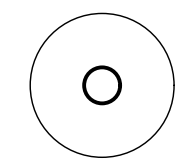
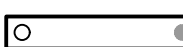
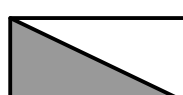
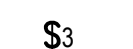
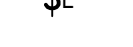
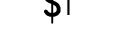
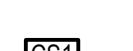
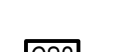
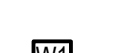
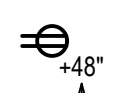
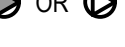
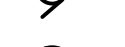
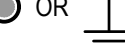
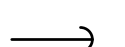
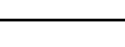
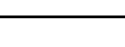
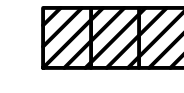
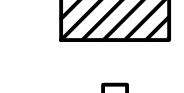
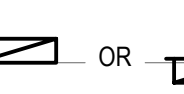
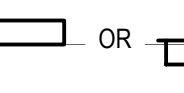
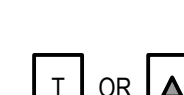
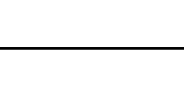
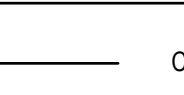
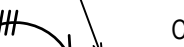
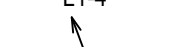
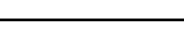
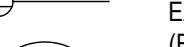
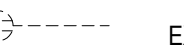
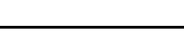
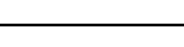
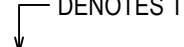
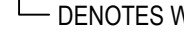


BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

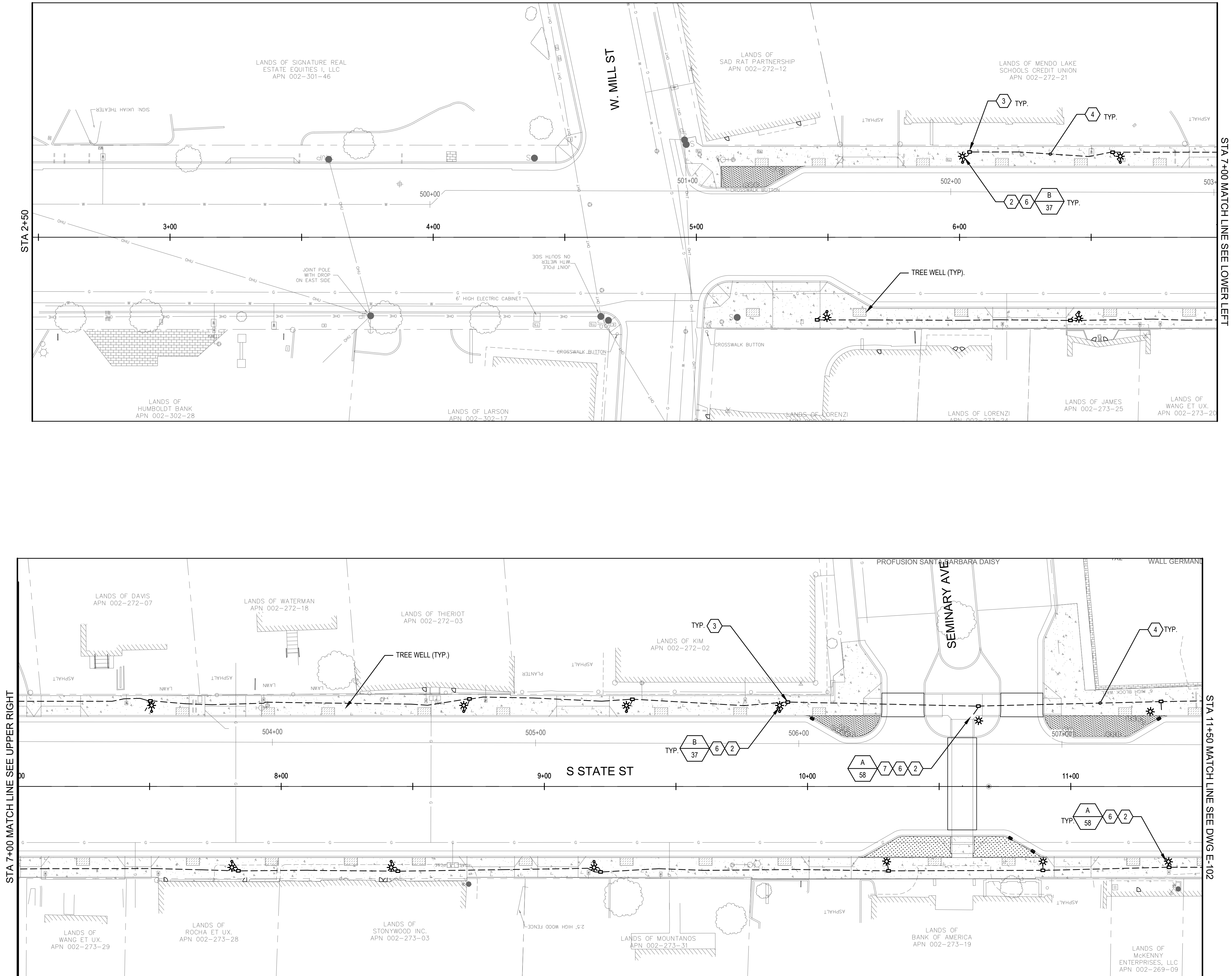
MARK	DATE	BID SET	DESCRIPTION	ISSUE
	10/25/2019			

CITY OF UKIAH
UKIAH DOWNTOWN
STREETSCAPE
IRRIGATION DETAILS

PROJ NO: 11191705
DRWN: CHKD:
IP.113
SHEET 115 OF 121

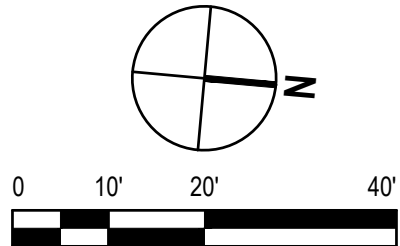
ABBREVIATIONS		ELECTRICAL SYMBOLS LEGEND		GENERAL ELECTRICAL NOTES																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
(D) (E) (F) (N)	DEMOLISH EXISTING FUTURE NEW	LIGHTING  LIGHTING FIXTURE, RECESSED  RECESSED DOWN LIGHT FIXTURE  RECESSED DIRECTIONAL FIXTURE (ARROW INDICATES AIMING)  LIGHTING FIXTURE, SURFACE MOUNTED  SURFACE, PENDANT OR OTHER FIXTURE  LARGE DIAMETER PENDANT, DEPICTING APPROXIMATE DIAMETER  LIGHTING FIXTURE, WALL MOUNTED  WALL-MOUNTED HID, INCANDESCENT, OR COMPACT FLUORESCENT FIXTURE  LIGHTING FIXTURE, PENDANT OR CABLE HUNG  LIGHT TRACK AND TRACK-MOUNTED FIXTURES  BATH FAN WITH INTEGRAL LIGHT  EXIT SIGN, SINGLE FACE WITH DIRECTIONAL ARROWS AS INDICATED  EXIT SIGN, DOUBLE FACE WITH DIRECTIONAL ARROWS AS INDICATED  EXIT SIGN, LOW LEVEL  COMBINATION EXIT/EMERGENCY LIGHT FIXTURE MOUNTING HEIGHT: +8'-0" AFF, UON  EMERGENCY FIXTURE MOUNTING HEIGHT: +8'-0" AFF, UON  DENOTES FIXTURE CONNECTED TO EMERGENCY CIRCUIT  ADJUSTABLE SPOT OR FLOOD (ARROW INDICATES AIMING)  OUTDOOR SITE LIGHT, POLE MOUNTED LUMINAIRE ARROW INDICATES AIMING DIRECTION, IF APPLICABLE  BOLLARD OR POST-TOP FIXTURE SWITCHING  LIGHT SWITCH, SPST - MOUNTING HEIGHT: +44" AFF, UON  LIGHT SWITCH, DPST - MOUNTING HEIGHT: +44" AFF, UON  LIGHT SWITCH, 3-WAY - MOUNTING HEIGHT: +44" AFF, UON  DENOTES SWITCH  LOW VOLTAGE SWITCH, MOMENTARY CONTACT, 3-POS., CENTER-OFF, MOUNTING HEIGHT: +44" AFF, UON  TIMER SWITCH - MOUNTING HEIGHT: +44" AFF, UON  DENOTES SWITCH  CIRCUIT AND SWITCH DESIGNATION FOR LIGHTING FIXTURE  DENOTES RELAY  CIRCUIT AND RELAY DESIGNATION FOR LIGHTING FIXTURES (SEE CORRESPONDING LIGHTING CONTROL PANEL RELAY SCHEDULE)  DIMMER SWITCH - MOUNTING HEIGHT: +44" AFF, UON  OCCUPANCY SENSOR POWER PACK, 1-CIRCUIT, MOUNTED ABOVE CEILING  OCCUPANCY SENSOR POWER PACK, 2-CIRCUIT MOUNTED ABOVE CEILING  OCCUPANCY SENSOR, CEILING MOUNTED, LINE VOLTAGE  OCCUPANCY SENSOR, CEILING MOUNTED, LOW VOLTAGE  OCCUPANCY SENSOR, WALL MOUNTED, LINE VOLTAGE, 1-CIRCUIT MOUNTING HEIGHT: +44" AFF, UON  OCCUPANCY SENSOR, WALL MOUNTED, LINE VOLTAGE, 2-CIRCUIT MOUNTING HEIGHT: +44" AFF, UON  PHOTO CONTROL SWITCH - MOUNT ON BUILDING EXTERIOR  TIME CLOCK FOR LIGHTING CONTROL POWER  DUPLEX RECEPTACLE, 20A 125V 2P 3W, GROUNDING TYPE, MOUNTING HEIGHT: +18" AFF UON  DENOTES HEIGHT IN INCHES AFF (INTERIOR) AFG (EXTERIOR)  DUPLEX RECEPTACLE - SPLIT WIRED, SWITCHED  DUPLEX RECEPTACLE - EMERGENCY POWER  DUPLEX RECEPTACLE - CEILING MOUNTED  FLOOR RECEPTACLE, 20A 125V 2P 3W, GROUNDING TYPE, FLUSH TYPE UON  DOUBLE DUPLEX RECEPTACLE, 20A 125V 2P 3W, GROUNDING TYPE, MOUNTING HEIGHT: +18" AFF UON  SINGLE RECEPTACLE, 20A 125V 2P 3W, GROUNDING TYPE, MOUNTING HEIGHT: +18" AFF UON  SPECIAL PURPOSE RECEPTACLE AS DESIGNATED SEE 'SPECIAL SYMBOLS' ON EACH SHEET  DUAL SERVICE RECESSED FLOOR BOX WITH DUPLEX AND DATA RECEPTACLES  JUNCTION BOX, CODE SIZED UON  FLOOR JUNCTION BOX  DISCONNECT SWITCH - FUSED WHERE APPLICABLE  MOTOR STARTER, COMBINATION WITH DISCONNECT SWITCH  MOTOR STARTER OR CONTROLLER  MOTOR CONNECTION  CEILING EXHAUST FAN  WATER HEATER  POWER POLE: P=POWER, T=TELEPHONE, D=DATA, C=COMBINATION  TEST PORT  GROUND ROD  GUY WIRE AND ANCHOR  THERMOSTAT (SEE MECHANICAL DRAWINGS) COORDINATE MOUNTING HEIGHT  BYPASS TIMER OR TIME SWITCH  PUSHBUTTON  LIGHTING CONTACTOR COMMUNICATION  CCTV CAMERA, CEILING MOUNT  INTERCOM CALL IN SWITCH - MOUNTING HEIGHT: +44" AFF, UON  TELEPHONE OUTLET FOR WALL MOUNTED TELEPHONE MOUNTING HEIGHT: +44" AFF UON  DATA OUTLET - MOUNTING HEIGHT: +18" AFF UON  DENOTES # OF TELEPHONE JACKS  TELEPHONE/DATA OUTLET, FLUSH TYPE UON MOUNTING HEIGHT: +18" AFF UON  DENOTES # OF DATA JACKS  SURFACE RACEWAY WITH POWER AND TELEPHONE/DATA RECEPTACLES AS INDICATED  CATV OUTLET - MOUNTING HEIGHT: +96" AFF UON  AUDIO/VIDEO OUTLET - MOUNTING HEIGHT: +18" AFF UON  CLOCK WITH BUZZER - MOUNTING HEIGHT: SEE PLANS  BELL, STANDARD 6" - MOUNTING HEIGHT: SEE PLANS PA SYSTEM  SPEAKER - WALL MOUNTED  PA SYSTEM SPEAKER - CEILING MOUNTED  PA SYSTEM HORN - MOUNTING HEIGHT: SEE PLANS EQUIPMENT  MAIN SWITCHBOARD  DISTRIBUTION PANEL BOARD  COMBINATION METER/MAIN SERVICE PANEL  BRANCH CIRCUIT PANEL BOARD, SURFACE OR FLUSH MOUNTED  LIGHTING CONTROL PANEL  SIGNAL TERMINAL CABINET OR CONTROL PANEL SURFACE OR FLUSH MOUNTED  SIGNAL TERMINAL BACKBOARD  CONCRETE UNDERGROUND HAND HOLE (NUMBER DENOTES CHRISTY SIZE)  TRANSFORMER CONDUIT  CONDUIT INSTALLED ABOVE GRADE  CONDUIT INSTALLED UNDERGROUND OR UNDER SLAB  CONDUIT STUB-OUT WITH CAP  FLEXIBLE CONDUIT WHIP TO LIGHT FIXTURE OR EQUIPMENT  INDICATES CIRCUIT BREAKER I.D.  CONDUIT HOME RUN TO DESIGNATED PANEL, TERMINAL, OR CONTROL CABINET  INDICATES BRANCH PANEL  COMMA INDICATES MULTIPLE SINGLE POLE CIRCUITS  SLASH INDICATES MULTI-POLE CIRCUIT  NOTE FOR CONDUIT: THE TIC MARKS INDICATE THE QUANTITY OF #12 AWG WIRES OR, IF INDICATED, THE QUANTITY OF OTHER SIZE WIRE OR CABLES.  SEE THE SINGLE LINE DIAGRAM FOR FEEDER SIZES. EXAMPLES:  = (3) #12  = (2) #10  = (1) TYPE F1 CABLE. SEE CABLE SCHEDULE. OBJECT LINES  NEW OBJECTS (HEAVY CONTINUOUS LINES, UNDERGROUND CONDUIT HEAVY DASHED LINES)  EXISTING OBJECTS TO REMAIN. MAY INCLUDE NEW CIRCUITING ETC. (FINE CONTINUOUS LINES, UNDERGROUND CONDUIT FINE DASHED LINES)  EXISTING OBJECTS TO BE DEMOLISHED (EXTRA FINE DASHED LINES, SCREENED) ANNOTATION  KEYNOTE  RACEWAY, FEEDER OR CIRCUIT DESIGNATION (SEE SCHEDULE)  DENOTES TYPE  LIGHTING FIXTURE TYPE DESIGNATION (SEE SCHEDULE)  DENOTES WATTS  DETAIL NUMBER  DETAIL INDICATOR  SHEET NUMBER ON WHICH DETAIL APPEARS  SECTION LETTER  SECTION INDICATOR  MECHANICAL EQUIPMENT DESIGNATION (SEE SCHEDULE) <tr><td colspan="2">1. COORDINATE WITH CITY OF UKIAH ELECTRIC DEPARTMENT ON ALL ELECTRICAL IMPROVEMENTS.</td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2">GHD Inc. 2235 Mercury Way, Suite 150 Santa Rosa, California 95407, USA T 1 707 523 1010 F 1 707 527 8679 W www.ghd.com</td><td colspan="2"></td><td colspan="2">11/12/2019</td></tr> <tr><td colspan="2">BAR IS ONE INCH ON ORIGINAL DRAWING 0 1"</td><td colspan="2">REUSE OF DOCUMENTS This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization. © 2019 GHD</td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></td></tr> <tr><td colspan="2"></td><td colspan="2"></td><td colspan="2"></</td></tr>	1. COORDINATE WITH CITY OF UKIAH ELECTRIC DEPARTMENT ON ALL ELECTRICAL IMPROVEMENTS.						GHD Inc. 2235 Mercury Way, Suite 150 Santa Rosa, California 95407, USA T 1 707 523 1010 F 1 707 527 8679 W www.ghd.com				11/12/2019		BAR IS ONE INCH ON ORIGINAL DRAWING 0 1"		REUSE OF DOCUMENTS This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization. © 2019 GHD																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						</	
1. COORDINATE WITH CITY OF UKIAH ELECTRIC DEPARTMENT ON ALL ELECTRICAL IMPROVEMENTS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
GHD Inc. 2235 Mercury Way, Suite 150 Santa Rosa, California 95407, USA T 1 707 523 1010 F 1 707 527 8679 W www.ghd.com				11/12/2019																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
BAR IS ONE INCH ON ORIGINAL DRAWING 0 1"		REUSE OF DOCUMENTS This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization. © 2019 GHD																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
				</																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				

2019-11-11 3:30 PM KHARVEY
NAUSSANTA ROSA PROJECTS\56111191705\DIGITAL_DESIGN\ACAD 2018\SHEETS\ELECTRICAL\1191705_E-101.DWG

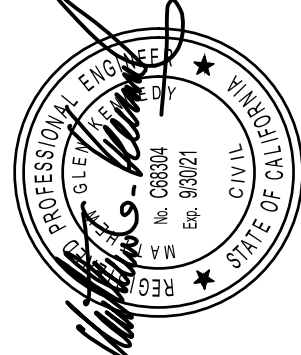


SHEET KEYNOTES

- (E) ELECTRICAL SERVICE CONNECTION. SEE SINGLE-LINE DIAGRAM.
- PROVIDE NEW LUMINAIRE, PHOTOCELL, POLE, POLE BASE, AND PULLBOX AS INDICATED.
- PROVIDE NEW LIGHTING SYSTEM PULLBOX. INTERCEPT AND CONNECT TO NEW STREET LIGHTING CONDUIT. SEE STREET LIGHT WIRING DIAGRAM DETAIL ON E-501 AND SINGLE LINE DIAGRAM UNMETERED SERVICE DETAIL ON E-601.
- PROVIDE 2 INCH TYPE 3 CONDUIT PER UL 651. SEE TYPICAL ELECTRICAL TRENCH DETAIL ON E-501
- PROVIDE NEW LIGHTING SYSTEM PULLBOX.
- PROVIDE TYPICAL LIGHT FIXTURE. SEE LIGHT FIXTURE SCHEDULE ON E-601.
- INSTALL FLASHING BEACON SYSTEM. REFER TO SIGNING PLANS.



GHD Inc.
2235 Mercury Way, Suite 150
Santa Clara, California 95050 USA
Tel: 408.551.0100 F: 408.527.8879
W: www.ghd.com



BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"

REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE
	11/12/2019			

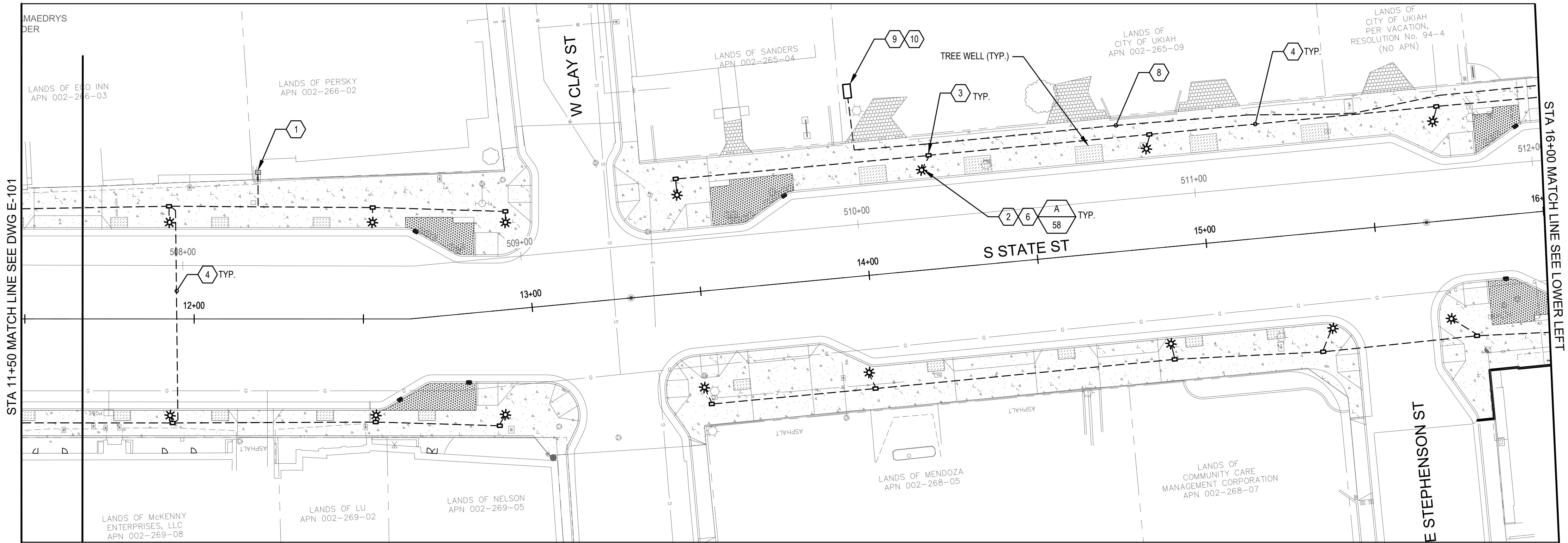
CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
ELECTRICAL PLAN
STA. 2+50 - STA. 11+50

PROJ NO: 11191705
DRWN: CP CHKD: JS

E-101

SHEET 117 OF 121

2019-11-11 3:30 PM KHARVEY
NAUSSANTA ROSA PROJECTS\5811191705\DIGITAL_DESIGN\ACAD 2018\SHEETS\ELECTRICAL\1191705_E-101.DWG

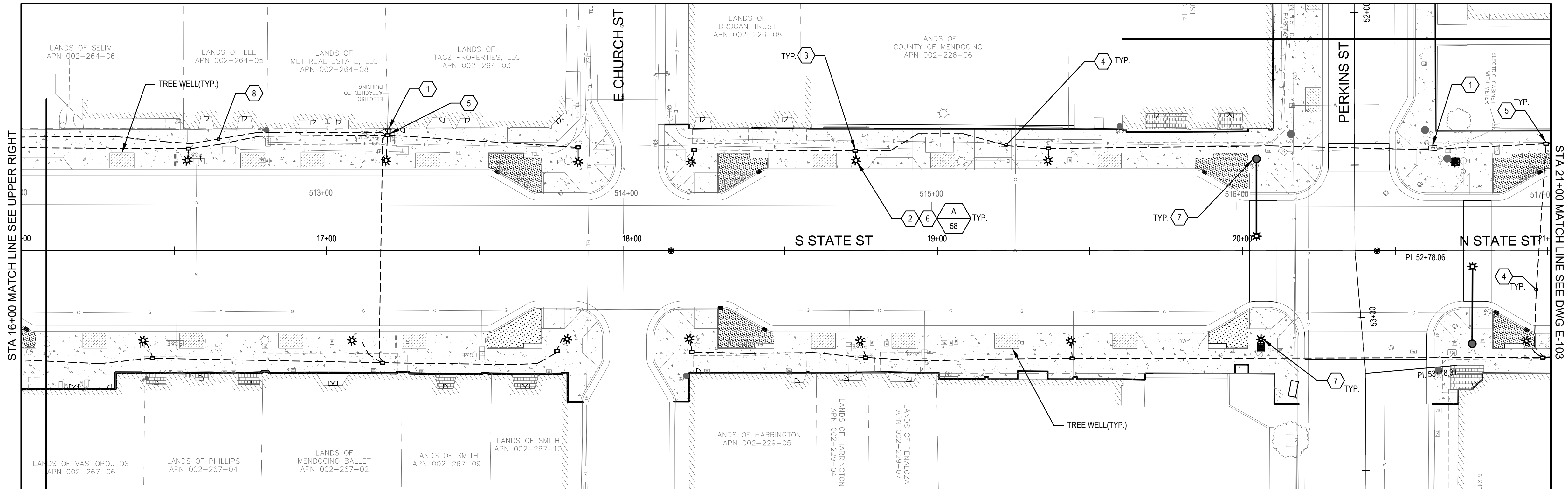
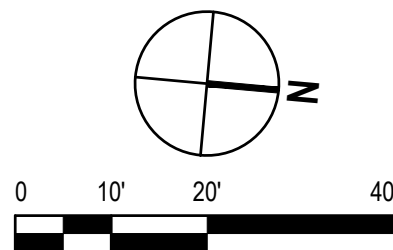


SHEET GENERAL NOTES

1. REFER TO TRAFFIC SIGNAL PLANS FOR ALL EXISTING AND NEW TRAFFIC SIGNAL LIGHTS DEMOLITION, RELOCATION, ELECTRICAL CONNECTION, AND ALL ASSOCIATED WORK.
2. ADJUST LIGHT POLE AND PULLBOX LOCATION ACCORDINGLY TO AVOID ANY STORM DRAIN SYSTEM OR ANY OTHER OBSTRUCTION.

SHEET KEYNOTES

1. (E) ELECTRICAL SERVICE CONNECTION. SEE SINGLE-LINE DIAGRAM.
2. PROVIDE NEW LUMINAIRE, PHOTOCCELL, POLE, POLE BASE, AND PULLBOX AS INDICATED.
3. PROVIDE NEW LIGHTING SYSTEM PULLBOX. INTERCEPT AND CONNECT TO NEW STREET LIGHTING CONDUIT. SEE STREET LIGHT WIRING DIAGRAM DETAIL ON E-501 AND SINGLE LINE DIAGRAM UNMETERED SERVICE DETAIL ON E-601.
4. PROVIDE 2 INCH TYPE 3 CONDUIT PER UL 651. SEE TYPICAL ELECTRICAL TRENCH DETAIL ON E-501.
5. PROVIDE NEW LIGHTING SYSTEM PULLBOX.
6. PROVIDE TYPICAL LIGHT FIXTURE. SEE LIGHT FIXTURE SCHEDULE ON E-601.
7. TRAFFIC SIGNAL LIGHT. SEE SHEET GENERAL NOTES 1.
8. PROVIDE 3 INCH TYPE 3 CONDUIT PER UL 651. SEE TYPICAL ELECTRICAL TRENCH DETAIL ON E-501.
9. PROVIDE NEW SERVICE PEDESTAL. SEE ELECTRICAL DETAILS 2, 3, AND 4 ON E-501 AND SINGLE LINE DIAGRAM - METERED SERVICE ON E-601 FOR MORE INFORMATION.
10. PROVIDE POWER TO IRRIGATION CONTROLLER. REFER TO IRRIGATION PLANS FOR FURTHER INFORMATION ON IRRIGATION SYSTEM.



CITY OF UKIAH DOWNTOWN STREETSCAPE AND ROAD DIET PROJECT ELECTRICAL PLAN STA. 11+50 - STA. 21+00

PROJ NO: 11191705
DRWN: CP CHKD: JS

E-102

SHEET 118 OF 121

BAR IS ONE INCH ON
ORIGINAL DRAWING
1" = 40'

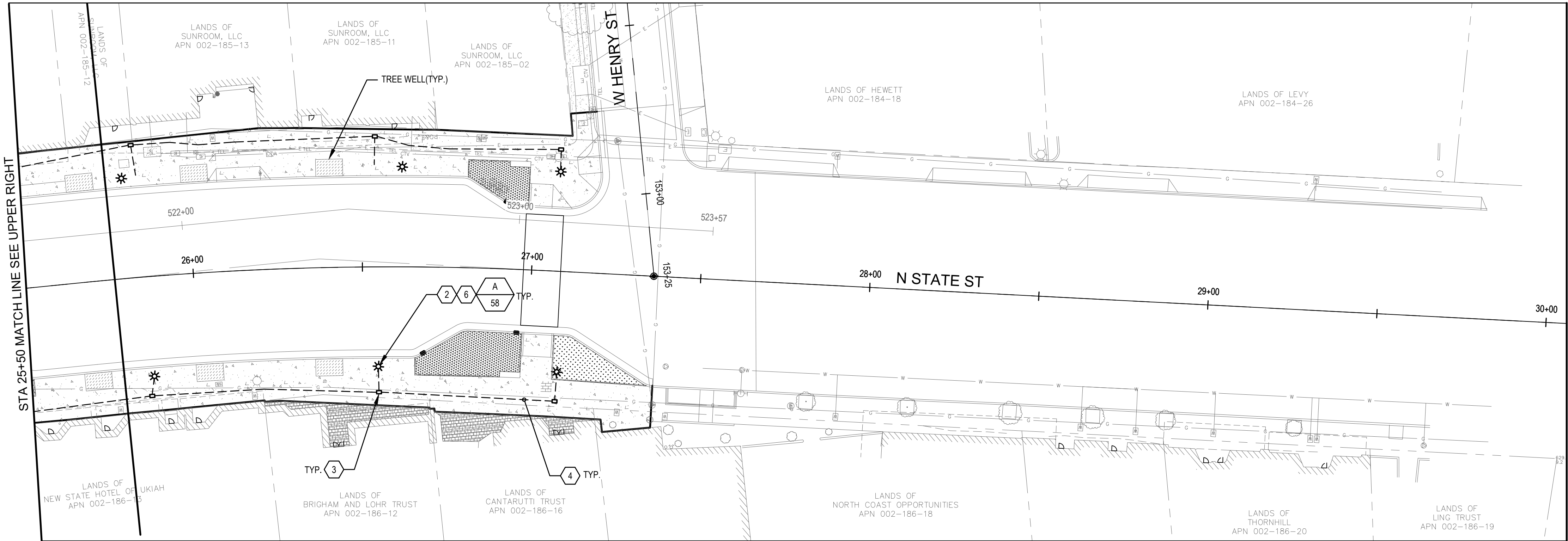
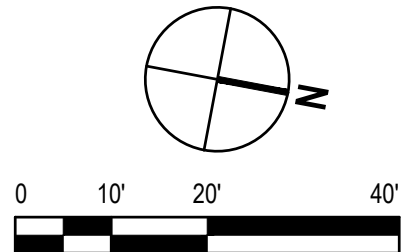
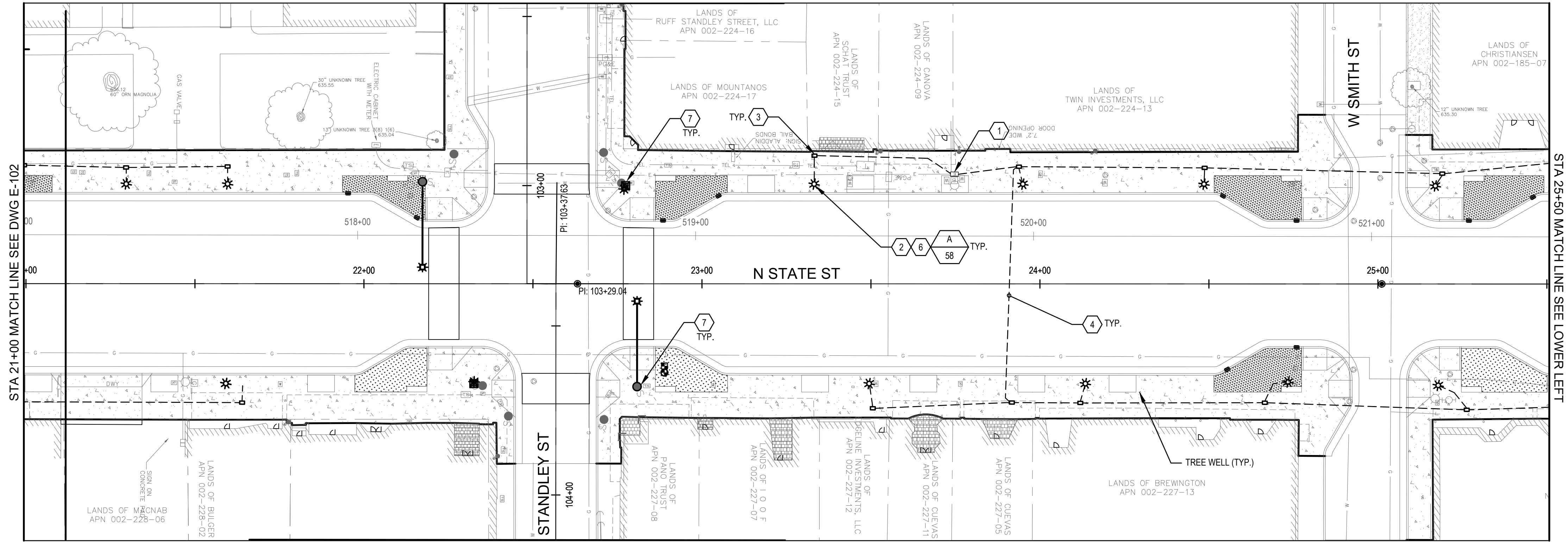
REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD



GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95403, USA
Tel: 707.527.1879
Fax: 707.527.1879
W: www.ghd.com



2019-11-11 3:30 PM KHARVEY
NAUSSANTA ROSA PROJECTS58111191705DIGITAL_DESIGNACAD 2018SHEETS ELECTRICAL11191705_E-101.DWG



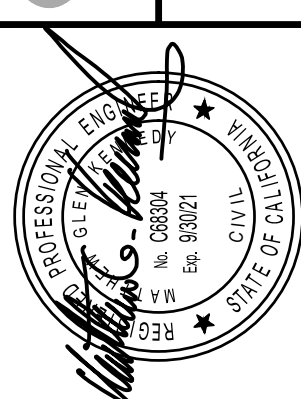
SHEET GENERAL NOTES

1. REFER TO TRAFFIC SIGNAL PLANS FOR ALL EXISTING AND NEW TRAFFIC SIGNAL LIGHTS DEMOLITION, RELOCATION, ELECTRICAL CONNECTION, AND ALL ASSOCIATED WORK.
2. ADJUST LIGHT POLE AND PULLBOX LOCATION ACCORDINGLY TO AVOID ANY STORM DRAIN SYSTEM OR ANY OTHER OBSTRUCTION.

SHEET KEYNOTES

1. (E) ELECTRICAL SERVICE CONNECTION. SEE SINGLE-LINE DIAGRAM.
2. PROVIDE NEW LUMINAIRE, PHOTOCCELL, POLE, POLE BASE, AND PULLBOX AS INDICATED.
3. PROVIDE NEW LIGHTING SYSTEM PULLBOX. INTERCEPT AND CONNECT TO NEW STREET LIGHTING CONDUIT. SEE STREET LIGHT WIRING DIAGRAM DETAIL ON E-501 AND SINGLE LINE DIAGRAM UNMETERED SERVICE DETAIL ON E-601.
4. PROVIDE 2 INCH TYPE 3 CONDUIT PER UL 651. SEE TYPICAL ELECTRICAL TRENCH DETAIL ON E-501
5. PROVIDE NEW LIGHTING SYSTEM PULLBOX.
6. PROVIDE TYPICAL LIGHT FIXTURE. SEE LIGHT FIXTURE SCHEDULE ON E-601.
7. TRAFFIC SIGNAL LIGHT. SEE SHEET GENERAL NOTES 1.

GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95403 USA
Tel: 707.527.1000 F: 707.527.18679
W: www.ghd.com



11/12/2019

BAR IS ONE INCH ON
ORIGINAL DRAWING

1"

REUSE OF DOCUMENTS

This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD

MARK	DATE	BID SET	DESCRIPTION	ISSUE

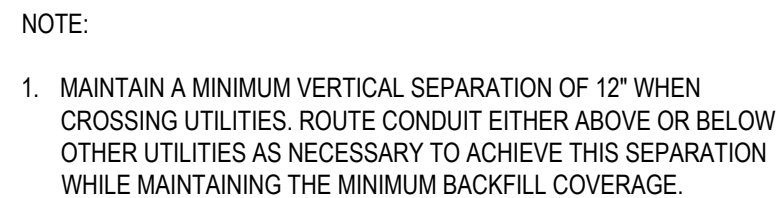
CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
ELECTRICAL PLAN
STA. 21+00 - STA. 30+00

PROJ NO: 11191705

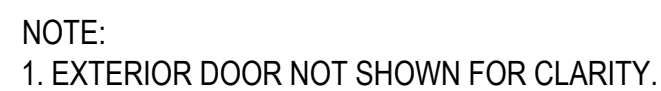
DRWN: CP CHKD: JS

E-103

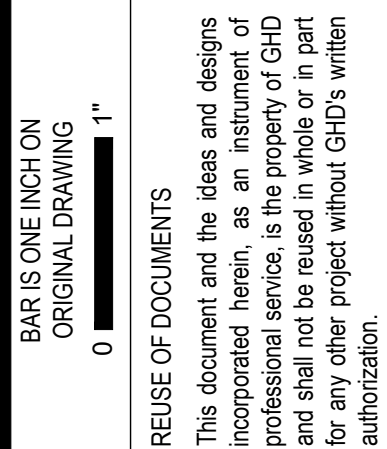
SHEET 119 OF 121



1 TYPICAL ELECTRICAL TRENCH



3 METERING PEDESTAL ELEVATION



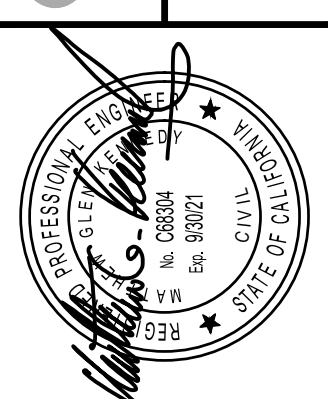
4 METERING PEDESTAL FOUNDATION



6 STREET LIGHT WIRING DIAGRAM



1. POURED IN PLACE ROUND CONCRETE SUPPORT BASE.
2. 4- NO. 6 VERTICAL BARS WITH NO. 3 TIES @ 8-INCH O.C. SEE NOTE 18.
3. ACCESS HAND-HOLE.
4. NOT USED.
5. GROUT IN ALL AROUND BETWEEN BOTTOM OF POLE BASE FOLLOWING POLE ERECTION AND FINAL LEVELING.
6. STUB CONDUIT UP INTO POLE BASE WIRING CAVITY. (IF TYPE 1 CONDUIT TERMINATE WITH GROUNDING BUSHING.)
7. PROVIDE SUPPORT AND LEVELING NUTS ON TOP AND BOTTOM OF POLE BASE MOUNTING PLATE. MOUNTING PLATE AND MOUNTING BOLTS SHALL BE PER MANUFACTURERS BOLT PATTERN, LENGTH SHALL BE PER MANUFACTURERS SPECIFICATIONS. WITH 2'-0" MIN. EMBEDMENT INTO CONCRETE POLE BASE.
8. TYPICAL TYPE 3 CONDUIT, 3/4-INCH MIN, WITH CONDUCTORS AS INDICATED ON DRAWINGS.
9. TYPICAL INCOMING EXTERIOR BRANCH CIRCUIT CONDUIT AND WIRING FROM U.G. CONDUITS. CONDUIT SHALL ENTER BOX AT 90-DEGREES
10. (1) #12 AWG BARE COPPER GROUND. COIL 30-INCH AT BOTTOM OF FOUNDATION.
11. TOP OF SIDEWALK AS INDICATED ON THE RESPECTIVE AREA SITE PLAN. SEE CIVIL DRAWINGS FOR SIDEWALK DETAILS.
12. BOLTED TYPE WIRE GROUND CONNECTOR.
13. REINFORCED, PRECAST GRADE MOUNTED ELECTRICAL BOX, CHRISTY B1017 OR EQUAL. PROVIDE WITH OPEN BOTTOM. ALL SPLICES SHALL BE MADE IN THE PULL BOX AND SHALL BE WATERPROOF, CAST TYPE.
14. WIRING TO LIGHT FIXTURE. CONNECT COMPLETE.
15. WATERPROOF IN-LINE FUSES.
16. COMPACTED AGGREGATE BASE FLOOR ON UNDISTURBED EARTH
17. WHERE THERE ARE EXISTING POLE MOUNTED FIXTURES ON THE JOB SITE, MODIFY DIAMETER OF POLE BASE TO MATCH EXISTING. MINIMUM DIAMETER SHALL BE 18-INCH.
18. LATERAL REINFORCEMENT SHALL BE DISTRIBUTED WITHIN 5-INCHES OF THE TOP OF THE COLUMN AND SHALL CONSIST OF 2-NO. 4 OR 3-NO. 3 BARS. (PER ACI318 - 7.10.5.6)
19. PROVIDE BELL-END ON ALL CONDUITS. GROUT AND SEAL CONDUIT ENTRY INTO PULL BOX.
20. LABEL COVER WITH "LIGHTING" OR SIMILAR



11/12/2019

BAR IS ONE INCH ON
ORIGINAL DRAWING

0  1"

REUSE OF DOCUMENTS

This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.

[illegible]

CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
ELECTRICAL DETAILS - 1

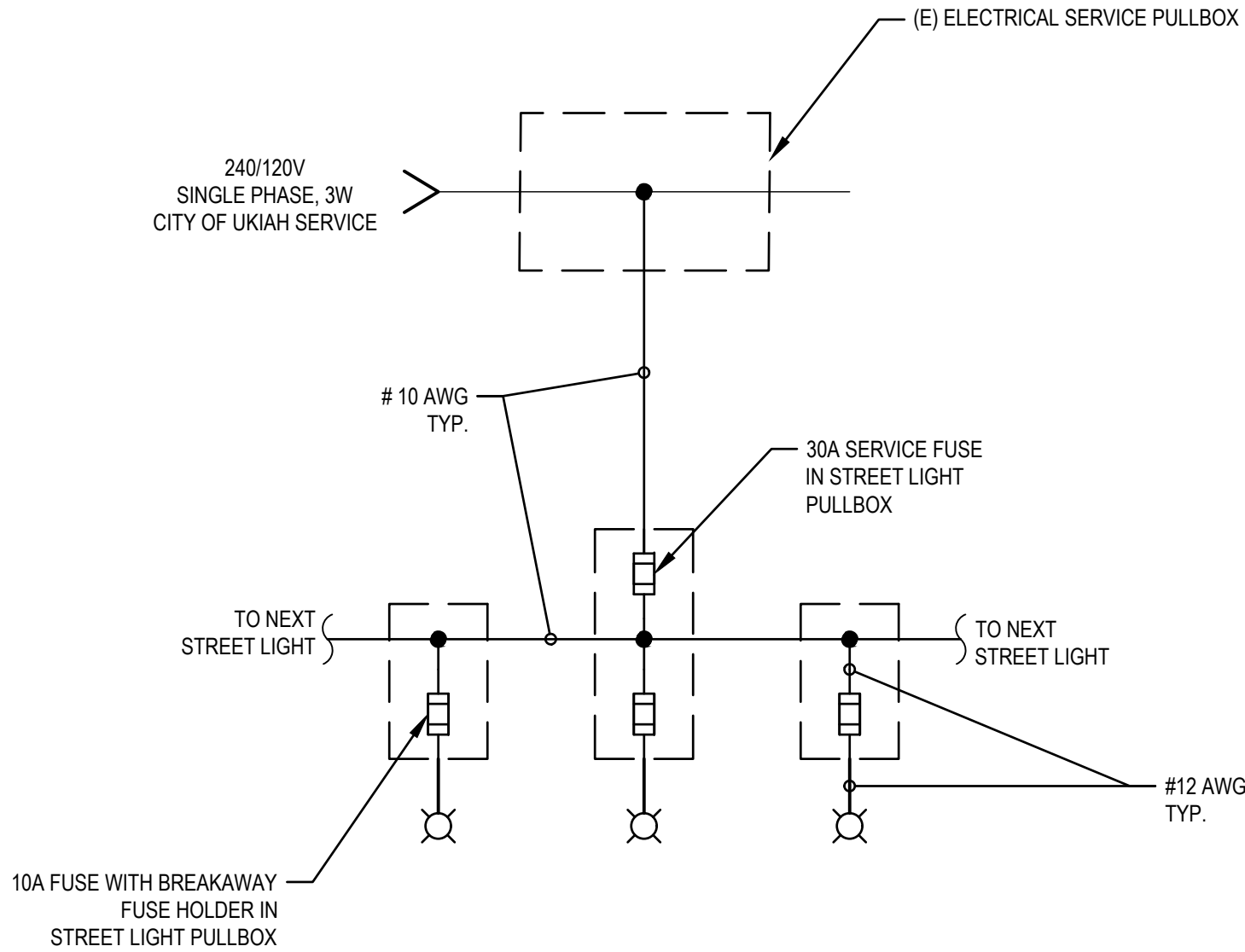
PROJ NO: 11191705

DRWN: CP	CHKD: MK
----------	----------

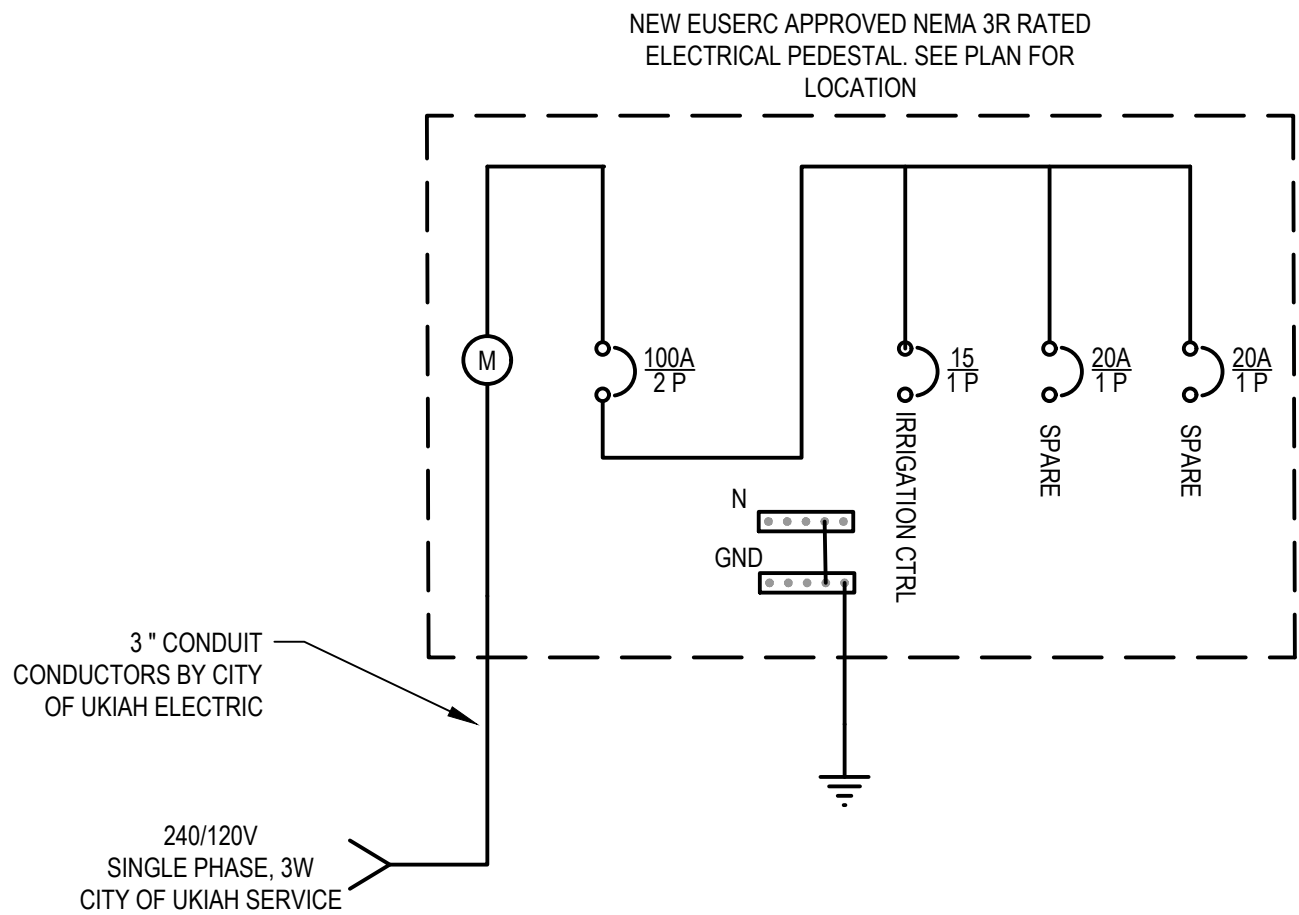
E-501

SHEET 120 OF 121

2019-11-11 3:31 PM KHARVEY
NAUS\SANTA ROSA\PROJECTS\561\1191705\DIGITAL_DESIGN\ACAD 2018\SHEETS\ELECTRICAL\1191705_E-601.DWG



NOTE:
GROUNDING CONDUCTOR NOT SHOWN. PROVIDE GROUNDING CONDUCTORS WITH PHASE CONDUCTORS.
TERMINATE GROUNDING CONDUCTOR AT UTILITY SERVICE POINT.



LIGHTING FIXTURE SCHEDULE							
TYPE MARK	MANUFACTURER	MODEL	FIXTURE DESCRIPTION	MOUNTING	LAMP TYPE	COLOR TEMP	WATTAGE
A	STERNBERG	PT-MS805X-XX-XRLED-12L35T4-MDL14-XXX-FHD	MAIN STREET SERIES	15' POLE MOUNTED	LED	3500K	58
B	PHILIPS LUMEC	DMS50-35W82LED3K-ACDR-LE2S-240-SMA-PHXLRC	DOMUS 50	15' POLE MOUNTED	LED	3000K	37

CITY OF UKIAH
DOWNTOWN STREETSCAPE AND
ROAD DIET PROJECT
SINGLE LINE DIAGRAM

BAR IS ONE INCH ON
ORIGINAL DRAWING
0 1"

REUSE OF DOCUMENTS
This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.
© 2019 GHD



GHD Inc.
2235 Mercury Way, Suite 150
Santa Rosa, California 95403 USA
T 707 527 1000 F 707 527 8879
W www.ghd.com

11/12/2019

Please return to:

CITY OF UKIAH
300 Seminary Avenue
Ukiah, California 95482-5400
(707) 463-6200

NOTICE OF COMPLETION

NOTICE IS HEREBY GIVEN:

1. That the project described as: Downtown Streetscape Road Diet Project, Specification No. 2019-18
2. That the nature of the title to the transportation and pedestrian improvements on State Street, W. Smith Street, E. and W. Standley Street, E. and W. Perkins Street, W. Church Street, E. and W. Clay Street, and E. and W. Mill Street.
3. That on the 11th day of January 2022, the Contract work for this project was actually completed.
4. That the name and address of the Contractor is Ghilotti Construction Co., 246 Ghilotti Avenue, Santa Rosa, CA 95407.
5. That the real property herein referred to is situated in the County of Mendocino, State of California, and is described as follows: City-owned property identified as various streets within the City of Ukiah.

I hereby certify under penalty of perjury that the forgoing is true and correct:

City Council Approval CITY OF UKIAH, a Municipal Corporation

_____	By: _____	_____
Date	Kristine Lawler, City Clerk	Date

State of California

County of Mendocino

Exempt from recording fees pursuant to Government Code Section 27383



AGENDA SUMMARY REPORT

SUBJECT: Approval of Notice of Completion for CV Larsen Co. for the Pressure Zone 2 South (PZ2S) Water Reservoir Replacement Project, Specification 20-02, and Direct the City Clerk to File the Notice of Completion with the County Recorder.

DEPARTMENT: Public Works

PREPARED BY: Seth Strader, Buyer I

PRESENTER: Tim Eriksen, Public Works Director/City Engineer

ATTACHMENTS:

1. Spec 20-02 Plans
2. Notice-of-Completion

Summary: Council will consider approving the Notice of Completion for the Pressure Zone 2 South (PZ2S) Water Reservoir Replacement Project, Specification 20-02 and approve final payment of the 5% retention to CV Larsen Co.

Background: The Public Works department has completed the replacement of the Pressure Zone 2 South (PZ2S) Water Reservoir Replacement project.

Discussion: At the July 1, 2020 City Council meeting, Council awarded the PZ2S Water Reservoir Replacement Project to CV Larsen Co. in the amount of \$526,500. The original contract price was based on the engineer's estimate provided in the bid package.

The project cost increased due to redesign of the tank and tank foundation, replacing existing water supply infrastructure, and additional construction services that were not included in the original contract but were found necessary during the course of project work. This results in a revised total contract amount of \$1,378,681.14. This price includes City Council-approved Contract Change Order (CCO) #3 as agenda item #7f on February 03, 2021, approval of CCO #6 as agenda item #7m on August 18, 2021, and approval of CCO #9 as agenda item #7l on December 15, 2021.

The contract work was completed in conformance with the Project Plans (Attachment 1) on January 28, 2022. Final payment of the retention will be made to the contractor after 35 days from the date the Notice of Completion (Attachment 2) is filed with the County Recorder.

Recommended Action: Approve Notice of Completion for the Pressure Zone 2 South (PZ2S) Reservoir Replacement Project, Specification 20-02, and direct the City Clerk to file the Notice of Completion with the County Recorder.

BUDGET AMENDMENT REQUIRED: NO

CURRENT BUDGET AMOUNT: 82227113.80230.15071 - \$1,369,065.57

PROPOSED BUDGET AMOUNT: N/A

FINANCING SOURCE: N/A

PREVIOUS CONTRACT/PURCHASE ORDER NO.: Contract 2021-087

COORDINATED WITH: Jason Benson, Senior Engineer; Tim Eriksen, Director of Public Works/ City Engineer

Approved: 
Sage Sangiacomo, City Manager

CITY OF UKIAH

PZ2S WATER TANK REPLACEMENT

UKIAH, CALIFORNIA

PREPARED BY:



FEBRUARY 2020

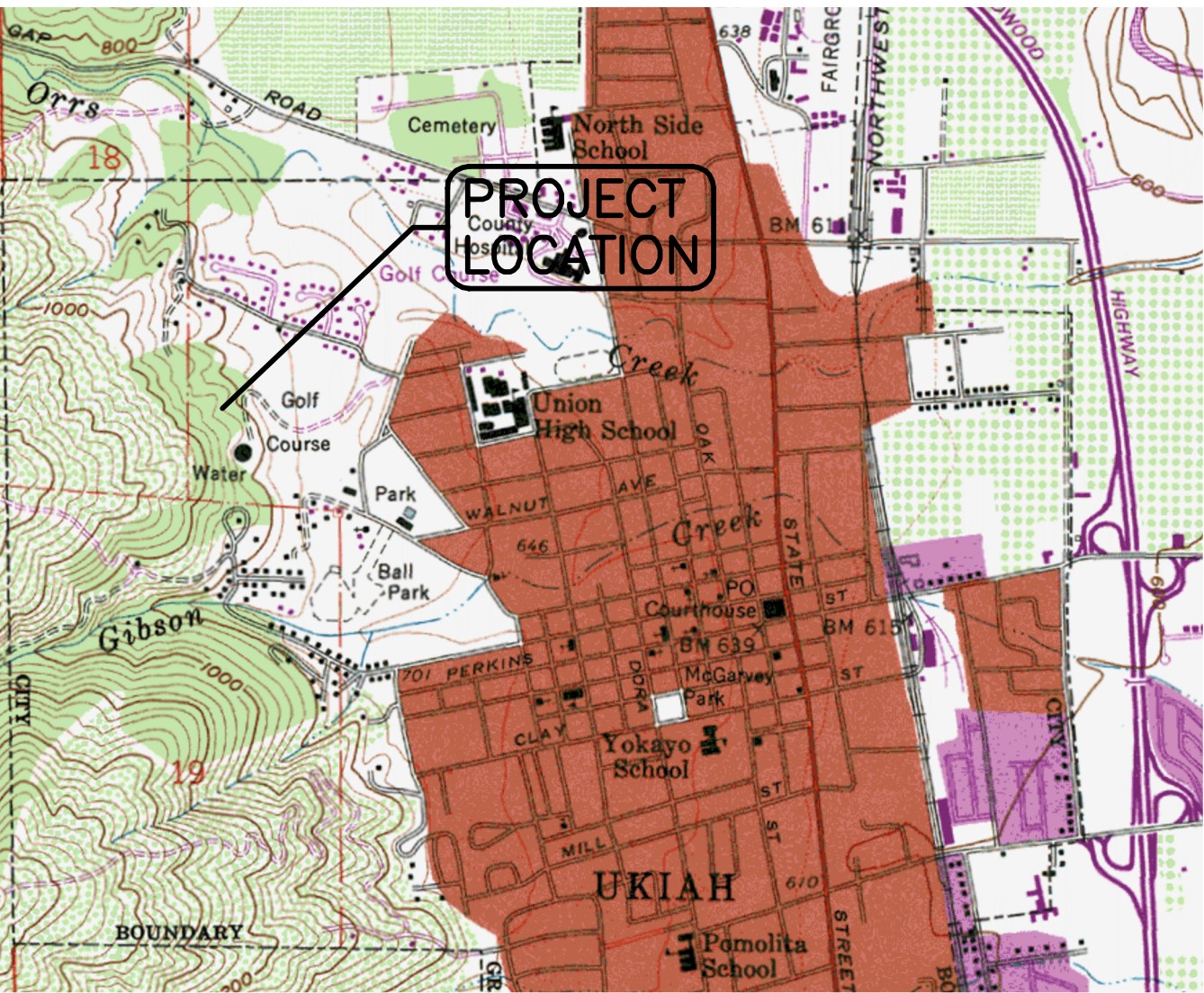
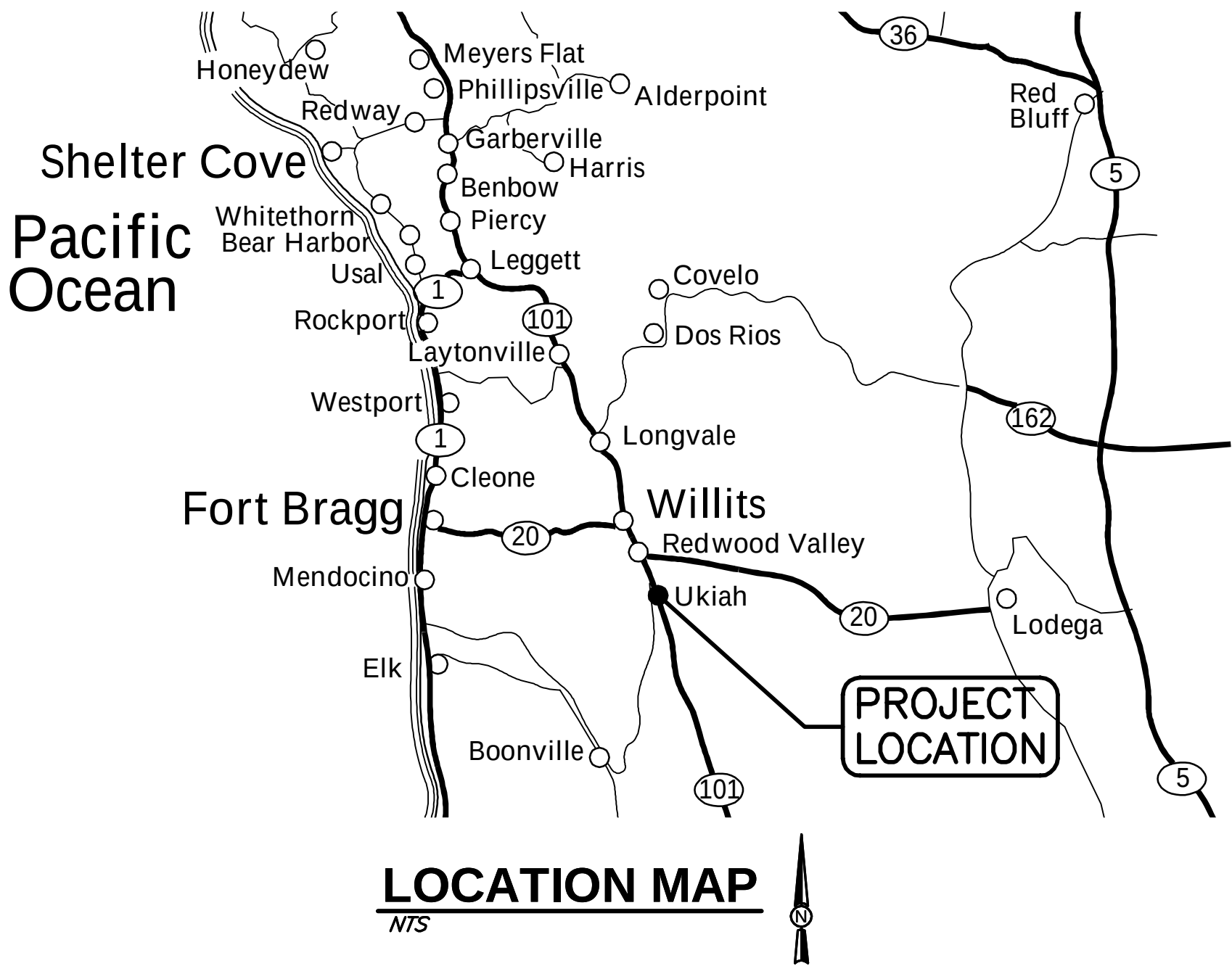
APPROVALS

TIM ERIKSEN, PE
CITY ENGINEER, CITY OF UKIAH

DATE

JASON ISLAND, PE
SHN CONSULTING ENGINEERS & GEOLOGISTS, INC.

DATE



INDEX OF SHEETS

SHT	DWG	TITLE
1	G-1	COVER
2	G-2	STANDARD ABBREVIATIONS AND LEGENDS
3	G-3	PROJECT NOTES AND SPECIFICATIONS
4	C-1	DEMOLITION PLAN
5	C-2	EROSION CONTROL PLAN
6	C-3	SITE PLAN
7	C-4	GRADING SECTION
8	C-5	YARD PIPING PLAN
9	C-6	TANK DETAILS
10	C-7	WATER LINE DETAILS
11	C-8	DETAILS



VERIFY SCALES
BAR IS ONE INCH ON ORIGINAL DRAWING
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

CONSULTING ENGINEERS & GEOLOGISTS, INC.
WWW.SHN-ENGR.COM
335 S. MAIN ST.
WILLITS, CA. 95490
707-459-4518

SRH BY

GLASS FUSED TANK REVISION

04/24/2020 DATE

NO. 1

DSGN JGI
DR SRH
CHK LBW
APVD

CITY OF UKIAH
PZ2S WATER TANK REPLACEMENT
UKIAH, CALIFORNIA
COVER

SHEET
G-1

SEQ 1

DATE 02/2020

PROJ. NO. 416086

ABBREVIATIONS

A	ABN — ABANDON	G	GA — GAS
ABS — ACRYLONITRILE–BUTADIENE–STYRENE	GALV — GALVANIZED	GC — GAGE	
AB — ANCHOR BOLT, AGGREGATE BASE	GIP — GALVANIZED IRON PIPE	GALV — GALVANIZED	
AC — ASPHALTIC CONCRETE	GM — GAS METER	GD — GALLONS PER DAY	
ACP — ASBESTOS CEMENT PIPE	GPH — GALLONS PER HOUR	GPM — GALLONS PER MINUTE	
ACI — AMERICAN CONCRETE INSTITUTE	GPM — GALLONS PER MINUTE	GRD — GRADE OR GROUND	
ADJ — ADJUSTABLE	GRD — GRADE OR GROUND	GSP — GALVANIZED STEEL PIPE	
AGGR — AGGREGATE	GV — GATE VALVE	GYP — GYPSUM	
AISC — AMERICAN INSTITUTE OF STEEL CONSTRUCTION			
AL — ALUMINUM	H	HB — HOSE BIBB	
ALT — ALTERNATE	HDPE — HIGH DENSITY POLYETHYLENE	HDR — HEADER	
AP — ANGLE POINT	HDR — HEADER	HDW — HARDWARE	
APPROX — APPROXIMATELY	HMA — HOT MIX ASPHALT	HOR — HORIZONTAL	
ARCH — ARCHITECTURAL	HP — HOUR	HR — HEIGHT	
ASTM — AMERICAN SOCIETY FOR TESTING & MATERIALS	HT — HEIGHT	HW — HOT WATER	
AUTO — AUTOMATIC	HWR — HOT WATER RETURN	HWS — HOT WATER SUPPLY	
AUX — AUXILIARY			
AT — AT	I	ID — INSIDE DIAMETER	
B	IN — INCH	INFL — INFLUENT	
BC — BEGIN CURVE	INSUL — INSULATE OR INSULATION	INT — INTERIOR	
BCR — BEGIN CURB RETURN	INV — INVERT	IPS — IRON PIPE SIZE	
BD — BOARD			
BF — BLIND FLANGE	J	JT — JOINT	
BFV — BUTTERFLY VALVE	JP — JOINT POLE		
BK — BOOK OR BACK	K	KIP — THOUSAND POUNDS	
BLDG — BUILDING	KW — KILOWATT		
BM — BENCH MARK, BEAM	L	LA — ANGLE (DEGREES)	
BNP — BEST MANAGEMENT PRACTICE	LB — LATERAL	LB — POUND	
BO — BLOW OFF	LF — LINEAR FEET	LG — LONG	
BOT — BOTTOM	LH — LONGITUDINAL	LP — LOW POINT	
BRG — BEARING	LONG — LONG	LPG — LIQUIFIED PETROLEUM GAS	
BTWN — BETWEEN	LR — LONG RADIUS	LRP — LEGALLY RESPONSIBLE PARTY	
BV — BALL VALVE	LT — LEFT	LVC — LENGTH OF VERTICAL CURVE	
BVC — BEGINNING OF VERTICAL CURVE			
BW — BACK OF WALK	M	MATL — MATERIAL	
BWV — BACKWATER VALVE	MAX — MAXIMUM	MECH — MECHANICAL	
C	MC — MEGA–FLANGE PIPE JOINT	MF — MANUFACTURER	
CA — CHANNEL (STRUCTURAL SHAPE)	MGD — MILLION GALLONS PER DAY	MH — MINIMUM OR MINUTE	
CARV — COMBINATION AIR AND VACUUM RELEASE VALVE	MIN — MINIMUM	MIP — MALE IRON PIPE	
CATV — CABLE TELEVISION	MISC — MISCELLANEOUS	MJ — MECHANICAL JOINT	
CB — CATCH BASIN	MNPT — MALE NATIONAL PIPE THREAD	MTL — METAL	
CEIL — CEILING	MWS — MAXIMUM WATER SURFACE		
CFM — CUBIC FEET PER MINUTE	N	NC — NEW	
CFS — CUBIC FEET PER SECOND	NE — NORTHING OR NORTH	NC — NORMALLY CLOSED	
CHEM — CHEMICAL	NIC — NOT IN CONTRACT	NF — NON–FREEZE	
CI — CAST IRON	NO — NUMBER OR NORMALLY OPEN	NOM — NOMINAL	
CIP — CAST IRON PIPE	NP — NEW PAVEMENT	NPT — NATIONAL PIPE THREAD	
C.I.P. — CAST IN PLACE	NTS — NOT TO SCALE	# — NUMBER	
CJ — CONSTRUCTION JOINT	O	OC — ON CENTER	
CLR — CLEAR	OD — OUTSIDE DIAMETER	OG — ORIGINAL GROUND	
CL — CENTERLINE	OVFL — OVERFLOW	OZ — OUNCE	
CMP — CORRUGATED METAL PIPE	OH — OVERHEAD		
CMU — CONCRETE MASONRY UNIT	P	PC — POINT OF CURVE	
CTSK — COUNTERSINK	PCC — PORTLAND CEMENT CONCRETE	PCF — POUNDS PER CUBIC FOOT	
CO — CLEANOUT	PE — PLAIN END	PERF — PERFORATED	
COL — COLUMN	PEP — POLYETHYLENE PIPE	PI — POINT OF INTERSECTION	
CONC — CONCRETE	PL — PLATE	PL — PROPERTY LINE	
CONT — CONTINUOUS OR CONTINUED	PLCS — PLACES	PLYWD — PLYWOOD	
COORD — COORDINATE	PMP — PERFORATED METAL PIPE	PMP — POINT ON CURVE	
CPLG — COUPLING	POT — POINT OF TANGENT	PP — POWER POLE	
CRS — COLD ROLLED STEEL	PP — POINT OF TANGENT	PRC — POINT OF REVERSE CURVE	
CTR — CENTER	PREFAB — PREFABRICATED	PRELIM — PRELIMINARY	
CTS — CUPPER TUBE SIZE	PRESS — PRESSURE	PROP — PROPERTY	
CJ — CUBIC	PSF — POUNDS PER SQUARE FOOT	PSI — POUNDS PER SQUARE INCH	
CU FT — CUBIC FEET	PSI — POUNDS PER SQUARE INCH	PSIG — POUNDS PER SQUARE INCH, GAUGE	
CV — CHECK VALVE	PUE — PUBLIC UTILITY EASEMENT	PV — PLUG VALVE	
CW — COLD WATER	PVC — POLYVINYL CHLORIDE PLASTIC	PVI — POINT OF VERTICAL INTERSECTION	
CY — CUBIC YARD	PVMT — PAVEMENT		
D	Q	QTY — QUANTITY	
d — DEGREE (ANGLE)			
D — PENNY (NAIL SIZE)			
DB — STORM DRAIN			
DBL — DISTRIBUTION BOX			
DBL — DOUBLE			
DF — DOUGLAS FIR			
DI — DROP INLET OR DUCTILE IRON			
DIA — DIAMETER			
DIAG — DIAGONAL			
DIM — DIMENSION			
DIMJ — DUCTILE IRON MECHANICAL JOINT			
DIP — DUCTILE IRON PIPE			
DET — DETAIL			
DWG — DRAWING			
DW — DRIVEWAY			
E			
(E) — EXISTING			
EA — EASTING OR EAST			
EC — EACH			
ECR — END CURB RETURN			
EF — EACH FACE			
EFL — EFFLUENT			
EG — EXISTING GRADE/GROUND			
ELBOW — ELBOW			
ELEC — ELECTRIC OR ELECTRICAL			
ELEV — ELEVATION			
ENGR — ENGINEER			
EP — EDGE OF PAVING			
EQ — EQUAL			
EQUIP — EQUIPMENT			
ER — EDGE OF ROAD			
EVC — END OF VERTICAL CURVE			
EW — EACH WAY			
EWEF — EACH WAY, EACH FACE			
EXC — EXCAVATE			
EXP — EXPOSED OR EXPANSION			
EXP JT — EXPANSION JOINT			
EXT — EXISTING			
EXT — EXTERIOR			
F			
F — FLANGE			
FC — FLEXIBLE COUPLING			
FCA — FLANGED COUPLING ADAPTER			
FD — FLOOR DRAIN			
FDC — FIRE DEPARTMENT CONNECTION			
FDN — FOUNDATION			
FF — FINISH FLOOR			
FG — FINISHED GRADE			
FH — FIRE HYDRANT			
FIG — FIGURE			
FIN — FINISH			
FIP — FEMALE IRON PIPE			
FL — FLOW LINE			
FLG — FLANGE			
FLTR — FILTER			
FLTR — FIBER OPTIC			
FOC — FACE OF CONCRETE			
FT — FOOT OR FEET			
FT2 — SQUARE FEET			
FT3 — CUBIC FEET			
FTG — FOOTING			
FUT — FUTURE			

CURVE DATA

R (RADIUS)
 L (LENGTH)
 Δ (DELTA)
 T (TANGENT)

UTILITIES LEGEND

PROPOSED EXISTING

		GATE VALVE
		PLUG VALVE
		BALL VALVE
		BUTTERFLY VALVE
		AUTOMATICALLY OPERATED VALVE (P= PNEUMATIC, E= ELECTRIC, S= SOLENOID, H= HYDRAULIC, D= DIAPHRAGM ACTUATOR)
		3–WAY VALVE
		GLOBE VALVE
		ANGLE VALVE
		PRESSURE REGULATING VALVE
		PRESSURE RELIEF VALVE
		CHECK VALVE
		AIR OR VACUUM RELEASE VALVE
		AIR AND VACUUM VALVE
		COMBINATION AIR VALVE
		FLOW METER
		HOSE BIBB (NF= NON–FREEZE)
		REDUCER
		FIRE HYDRANT
		DROP INLET
		MANHOLE
		SEWER CLEAN OUT OR SEWER LATERAL
		UNDERGROUND ELECTRICAL
		OVERHEAD ELECTRICAL
		FIBER OPTIC LINE
		CABLE TELEVISION
		JOINT UTILITIES
		UNDERGROUND TELEMETRY LINE
		OVERHEAD TELEMETRY LINE
		UNDERGROUND TELEPHONE LINE
		OVERHEAD TELEPHONE LINE
		FIRE WATER LINE
		STEAM LINE
		WATER LINE
		SANITARY SEWER LINE
		STORM DRAIN LINE
		GAS LINE
		FORCE MAIN AND DIRECTION OF FLOW
		CULVERT
		POLE MOUNTED ROADWAY LUMINAIRE
		ITEM TO BE REMOVED
		ITEM TO BE ABANDONED IN PLACE
		WATER SERVICE– WM–1= SINGLE WM–2= DUAL
		PULL BOX AND DESIGNATION
		SIGN AND DESIGNATION

SIZE AND MATERIAL
 OF EXISTING PIPING
 MAY BE SHOWN WHEN
 KNOWN.

SIZE AND MATERIAL
 OF NEW PIPING MAY
 BE SHOWN ON PLAN
 OR IN PROFILE.

TOPOGRAPHIC LEGEND

PROPOSED EXISTING

		P.I. (POINT OF INTERSECTION)
		TEMPORARY BENCH MARK
		FINISH GRADE ELEVATION
		ELEVATION OF ORIGINAL GROUND
		RADIAL POINT
		FLOW LINE AND DIRECTION
		TOP OF CUT
		TOP OF FILL
		TOE OF CUT OR FILL
		CONTOUR LINE
		CONCRETE (IN PLAN)
		CONCRETE (IN SECTION)
		PAVEMENT
		ROCKS
		STUMPS
		TREES
		ROADS
		UTILITY POLE (PP=POWER POLE, TP= TEL POLE, JP=JOINT POLE)
		GUY WIRE
		FENCE
		BOUNDARY LIMITS, W/DESIGNATION
		CENTERLINE
		MARSH
		WETLAND
		SPRING
		TEST PIT AND DESIGNATION
		EXPLORATION BORE HOLE
		PROPERTY CORNER
		SURVEY MONUMENT
		CONTROL POINT
		DRIVEWAY

DETAIL AND SECTION DESIGNATION

SECTION (LETTER)
 OR DETAIL (NUMERAL)
 DESIGNATION

INDICATES SECTION OR
 DETAIL TAKEN AND SHOWN
 ON SAME SHEET

ON DRAWING WHERE SECTION
 OR DETAIL IS TAKEN:

SHEET NUMBER WHERE SHOWN

ON DRAWING WHERE SECTION
 OR DETAIL IS SHOWN:

SHEET NUMBER WHERE TAKEN

STANDARD DETAIL NUMBER
 (DETAIL MAY BE SHOWN ON
 ANY SHEET WITHIN THE
 DRAWING SET)



SPECIFICATION NO. 20–02

VERIFY SCALES BAS IS ONE INCH ON ORIGINAL DRAWING 0 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	
CONSULTING ENGINEERS & GEOLOGISTS, INC. WWW.SHN-ENGR.COM 335 S. MAIN ST. WILLITS, CA 95490	
SRH	BY
GLASS FUSED TANK	REVISION
04/24/2020	DATE
NO.	
JGI	DR
SRH	CHK
LBW	APVD
CITY OF UKIAH PZ25 WATER TANK REPLACEMENT UKIAH, CALIFORNIA STANDARD ABBREVIATIONS AND LEGENDS	
SHEET	
G–2	
SEQ 2	
DATE 02/2020	
PROJ. NO. 416086	

SAVED: 4/21/2020 5:00 PM SHEATH, PLOTTED: 4/22/2020 7:34 AM SAM R. HEATH
 \\willits\projects\2016\416086-PZ25W\Ukiah\Drawgs\416086-SPECS.dwg

GENERAL NOTES:

- ALL WORK SHALL CONFORM TO CURRENT CALIFORNIA BUILDING CODE AND CITY OF UKIAH STANDARDS.
- THE WORKING DRAWINGS ARE GENERALLY DIAGRAMMATIC. THEY DO NOT SHOW EVERY OFFSET, BEND OR ELBOW REQUIRED FOR INSTALLATION IN THE SPACE PROVIDED. THEY DO NOT SHOW EVERY DIMENSION, COMPONENT PIECE, SECTION, JOINT OR FITTING REQUIRED TO COMPLETE THE PROJECT. ALL LOCATIONS FOR WORK SHALL BE CHECKED AND COORDINATED WITH EXISTING CONDITIONS IN THE FIELD BEFORE BEGINNING CONSTRUCTION. EXISTING UNDERGROUND UTILITIES WITHIN THE LIMITS OF EXCAVATION SHALL BE VERIFIED AS TO CONDITION, SIZE AND LOCATION BY UNCOVERING, PROVIDED SUCH IS PERMITTED BY LOCAL PUBLIC AUTHORITIES WITH JURISDICTION, BEFORE BEGINNING CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES.
- THE CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE A COPY OF THE TRENCH PERMIT FROM THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY PRIOR TO THE EXCAVATION OF ANY TRENCH OVER FIVE FEET IN DEPTH.
- CONTRACTOR SHALL PERFORM TRENCH WORK IN CONFORMANCE WITH THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY REQUIREMENTS AND SHALL CONFORM TO ALL APPLICABLE OCCUPATIONAL SAFETY AND HEALTH STANDARDS, RULES, REGULATIONS AND ORDERS ESTABLISHED BY THE STATE OF CALIFORNIA AND OTHER APPLICABLE AGENCIES.
- CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, GENERAL CONTRACTOR WILL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. ALL WORK AND EQUIPMENT SHALL COMPLY WITH THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY REQUIREMENTS. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY, AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONTRACTOR FURTHER AGREES TO HOLD HARMLESS, INDEMNIFY AND DEFEND THE OWNER, THE ENGINEER AND HIS/HER CONSULTANTS.
- THE CONTRACTOR SHALL INDEPENDENTLY REVIEW EXISTING SITE IMPROVEMENTS, UTILITIES, SOILS CONDITIONS, TOPOGRAPHY, VEGETATION, AND CONDITIONS THROUGHOUT THE SITE, AND ASSUME THE RISK OF COMPLETING THE WORK SET OUT ON THESE PLANS, REGARDLESS OF ROCK, WATER TABLE, EXISTING IMPROVEMENTS, OTHER CONDITIONS WHICH MAY BE ENCOUNTERED IN THE COURSE OF THE WORK.
- ANY DISCREPANCY DISCOVERED BY THE CONTRACTOR IN THESE PLANS, OR ANY FIELD CONDITIONS DISCOVERED BY THE CONTRACTOR THAT MAY DELAY OR OBSTRUCT THE PROPER COMPLETION OF THE WORK SHOWN HEREIN SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND THE ENGINEER IMMEDIATELY UPON DISCOVERY. SAID NOTIFICATION SHALL BE IN WRITING.
- ALL UNDERGROUND IMPROVEMENTS SHALL BE INSTALLED TESTED AND APPROVED PRIOR TO PAVING.
- THE CONTRACTOR SHALL NOT BEGIN EXCAVATING UNTIL ALL EXISTING UTILITIES HAVE BEEN MARKED IN THE FIELD. THE CONTRACTOR SHALL NOTIFY EACH APPLICABLE ENTITY AT LEAST 48 HOURS PRIOR TO COMMENCING WORK. CALL UNDERGROUND SERVICE ALERT (USA) TWO WORKING DAYS BEFORE DIGGING AT (800) 227-2600.
- GRADING AND CONSTRUCTION CONTRACTORS SHALL STOP WORK AND NOTIFY THE OWNER AND THE ENGINEER IF CULTURAL RESOURCES ARE DISCOVERED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL GIVE THE INSPECTOR 48 HOURS ADVANCE NOTICE OF ANY CONSTRUCTION OR REQUIRED TESTING.
- SHOULD THE CONTRACTOR OR ANY OF HIS AGENTS OR EMPLOYEES ENCOUNTER OR DISCOVER MATERIALS WHICH APPEAR TO BE HAZARDOUS DURING THE PERFORMANCE OF THE WORK, THE CONTRACTOR SHALL INFORM THE ENGINEER IMMEDIATELY AND SUSPEND WORK IN THE AFFECTED AREA UNTIL THE ENGINEER HAS INSPECTED THE LOCATION AND MATERIALS IN QUESTION. SHOULD IT BE NECESSARY TO UNDERTAKE REMEDIATION, THE ENGINEER WILL GIVE WRITTEN NOTICE TO SUSPEND WORK IN THE AFFECTED AREA UNTIL THE PROPER COURSE OF ACTION HAS BEEN DETERMINED. OPERATIONS IN THE AFFECTED AREA SHALL BE RESUMED ONLY UPON WRITTEN NOTICE BY THE ENGINEER.
- ALL SITE GRADING WILL BE INSPECTED BY THE ENGINEER. COMPACTION TESTING WILL BE CONDUCTED AFTER SUFFICIENT DENSITIES HAVE BEEN ACHIEVED IN THE CONTRACTOR'S OPINION. THE CONTRACTOR SHALL MAKE ALL REQUESTS FOR MATERIALS TESTING AT LEAST 48 HOURS IN ADVANCE. ANY SOILS THAT FAIL TO MEET THE REQUIRED COMPACTION LEVELS SHALL BE REMOVED, AND RECOMPACTED. ALL COSTS ASSOCIATED WITH ACHIEVING COMPACTION STANDARDS SHALL BE INCLUDED IN THE CONTRACTOR'S ORIGINAL BID.
- NO CHANGES OR MODIFICATIONS SHALL BE MADE TO THESE PLANS WITHOUT WRITTEN APPROVAL BY THE ENGINEER. THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE OR LIABLE FOR UNAUTHORIZED CHANGES TO AND USES OF THESE PLANS UNLESS APPROVED IN WRITING BY THE PREPARER OF THESE PLANS OR THE CITY ENGINEER.
- THE LOCATIONS OF CITY OF UKIAH ELECTRICAL FACILITIES, AT&T, CABLE, AND PACIFIC GAS & ELECTRIC UTILITIES SHOWN ON THE PLANS ARE BASED ON THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL POTHOLE AND DETERMINE THE EXACT HORIZONTAL LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION AS PART OF THE COST OF THE PERFORMING WORK UNDER THIS CONTRACTOR, AND THE SHALL ADJUST THE DEPTH OF THE NEW UTILITIES TO CLEAR AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE OFF-SITE DISPOSAL OF ALL BITUMINOUS PAVEMENT, CONCRETE, REINFORCEMENT, AND SPOILS NOT NEEDED FOR BACKFILL AS REQUIRED BY THE ENGINEER AND PER THESE SPECIFICATIONS.
- THE CONTRACTOR SHALL MAINTAIN REASONABLE ACCESS TO ALL DRIVEWAYS AND SIDEWALKS DURING CONSTRUCTION.
- NO CONSTRUCTION SHALL COMMENCE WITHOUT PRIOR APPROVAL OF THE CITY OF UKIAH, DEPARTMENT OF PUBLIC WORKS.
- CONSTRUCTION MATERIALS AND EQUIPMENT SHALL BE NEW AND OF A QUALITY EQUAL TO THAT SPECIFIED OR APPROVED. WORK SHALL BE DONE AND COMPLETED IN A THOROUGH AND WORKMANLIKE MANNER.
- CONTRACTOR SHALL CONFINE HOURS OF CONSTRUCTION OPERATION TO 7 A.M. TO 7 P.M. MONDAY THRU FRIDAY, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

EROSION CONTROL NOTES:

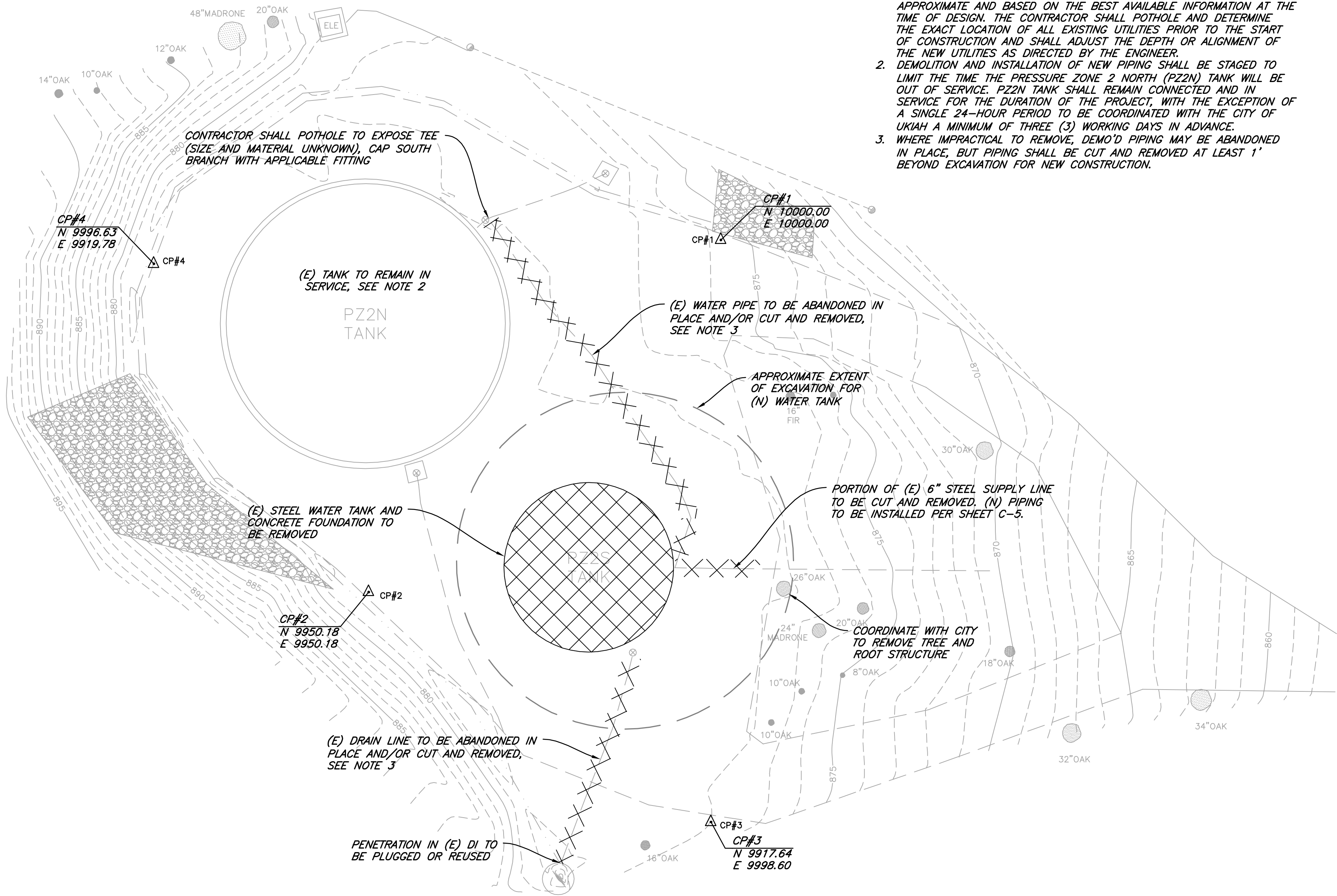
- BMP'S SHALL BE INSTALLED PRIOR TO ANY SITE DISTURBANCE AND MAINTAINED SUCH THAT NO VISIBLE SEDIMENT LEAVES THE SITE.
- TRACKING CONTROLS: ENTRANCE/EXIT BMP.
- PAVED AREAS AT THE ACCESS POINTS SHALL BE SWEEPED OR VACUUMED AS OFTEN AS EACH DAY TO ELIMINATE TRACKING SOIL AND DEBRIS BEYOND THE LIMITS OF THE PROJECT SITE. ANY SOILS AND/OR DEBRIS, ROCK, GRAVEL, ETC. TRACKED BEYOND THE LIMITS OF THE PROJECT SITE AS A RESULT OF THIS PROJECT SHALL BE REMOVED IMMEDIATELY.
- DISTURBED AREAS SHALL BE PROTECTED TO EXTENT PRACTICAL DURING CONSTRUCTION.
- STOCKPILE MANAGEMENT SHALL BE IMPLEMENTED.
- DISTURBED AREA SHALL BE STABILIZED AS SOON AS POSSIBLE.
- THE CONTRACTOR SHALL NOT ALLOW ANY CONSTRUCTION DEBRIS TO ENTER THE STORM DRAIN OR SANITARY SEWER SYSTEMS. THE CONTRACTOR SHALL INSTALL APPROVED PHYSICAL BARRIERS TO ENSURE THAT ALL DEBRIS IS CAPTURED AND REMOVED FROM SURFACE RUNOFF PRIOR TO RELEASING SITE RUNOFF.



SPECIFICATION NO. 20-02

VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING 0 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY			
CONSULTING ENGINEERS & GEOLOGISTS, INC. 335 S. MAIN ST. WILLITS, CA 95490 WWW.SHN-ENGR.COM 707-459-4518			
		SRH	BY
		GLASS FUSED TANK	REVISION
04/24/2020		DATE	
A		NO.	
DSGN	JGI	DR	SRH
		CHK	LBW
		APVD	
CITY OF UKIAH PZ25 WATER TANK REPLACEMENT UKIAH, CALIFORNIA PROJECT NOTES AND SPECIFICATIONS			
SHEET			
G-3			
SEQ 3			
DATE 02/2020			
PROJ. NO. 416086			

SAVED: 4/21/2020 5:00 PM SHEATH, PLOTTED: 4/22/2020 7:35 AM SAM R. HEATH
 \\willits\projects\2016\416086-PZ2S\UKiah\Drawgs\416086-DEMO.dwg



NOTES:

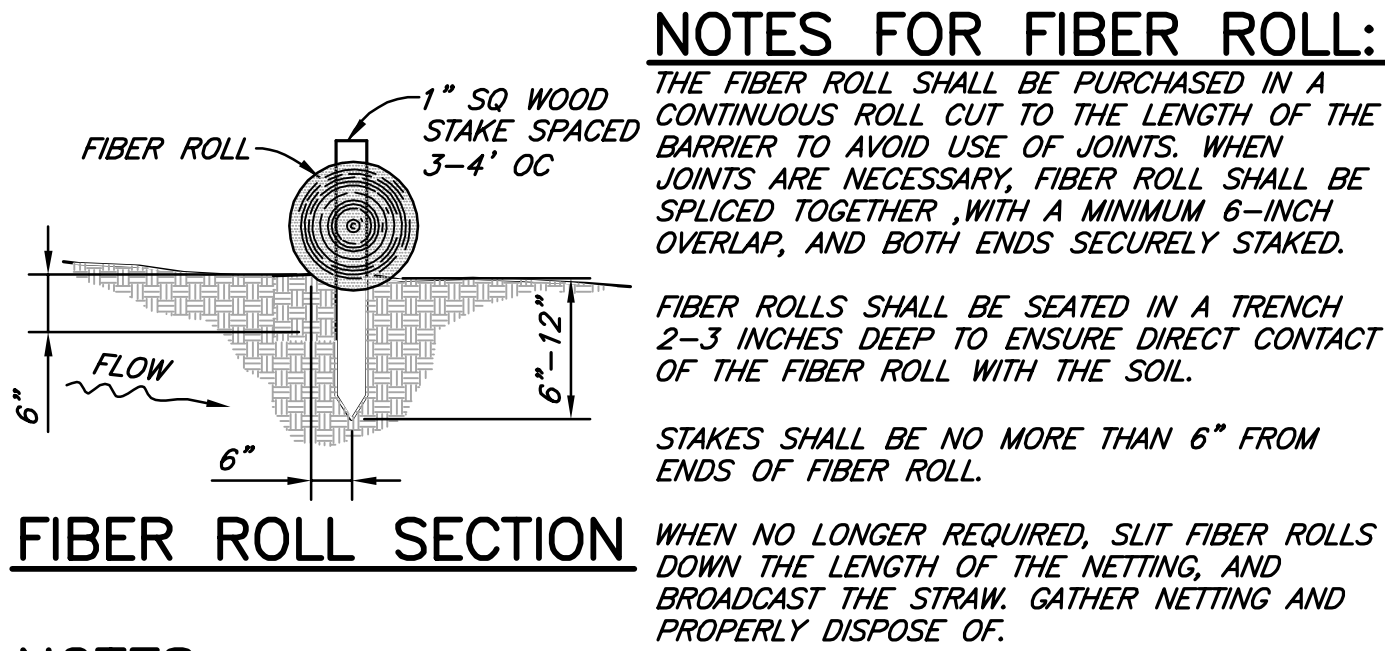
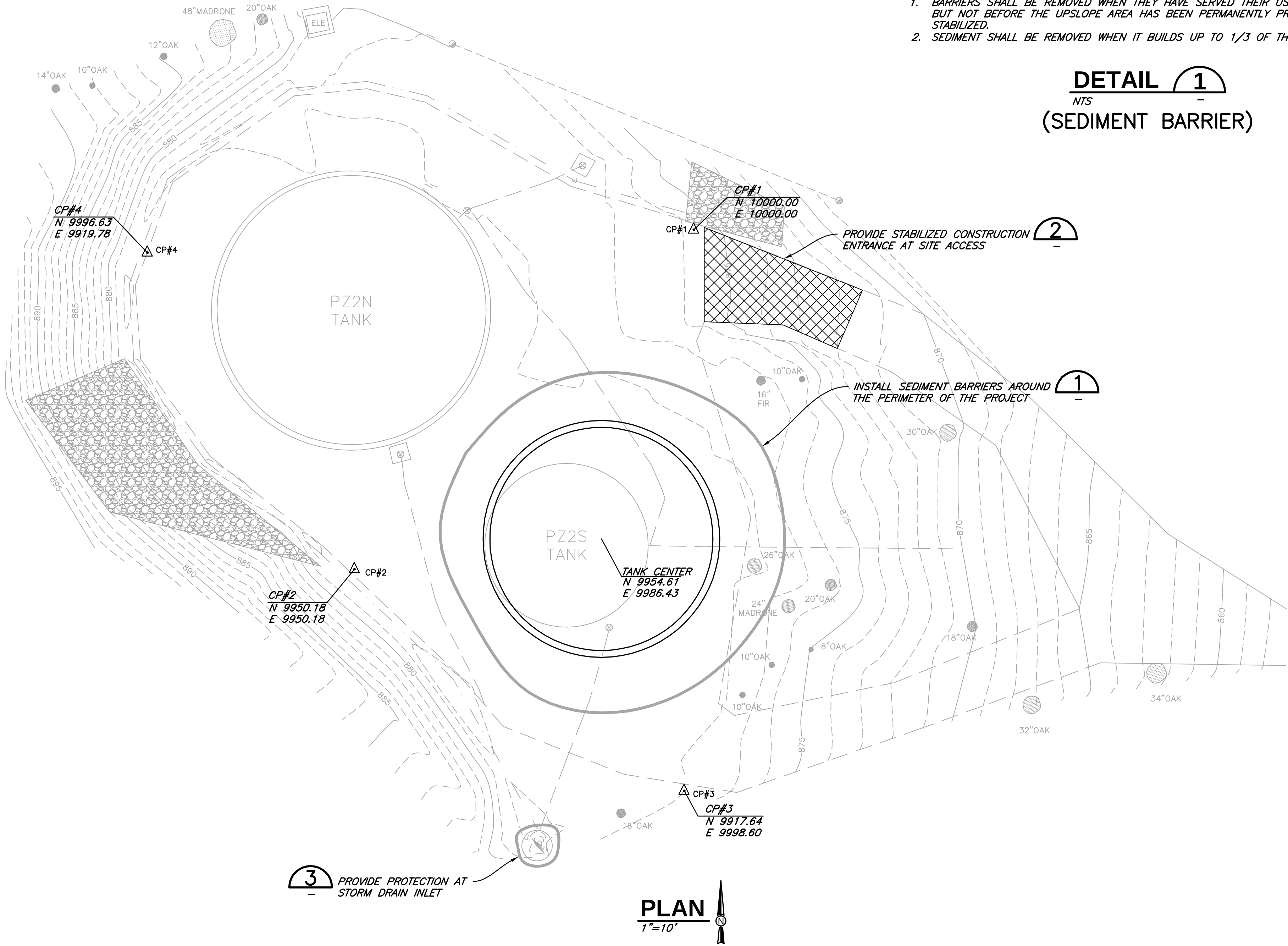
1. THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF DESIGN. THE CONTRACTOR SHALL POTHOLE AND DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION AND SHALL ADJUST THE DEPTH OR ALIGNMENT OF THE NEW UTILITIES AS DIRECTED BY THE ENGINEER.
2. DEMOLITION AND INSTALLATION OF NEW PIPING SHALL BE STAGED TO LIMIT THE TIME THE PRESSURE ZONE 2 NORTH (PZ2N) TANK WILL BE OUT OF SERVICE. PZ2N TANK SHALL REMAIN CONNECTED AND IN SERVICE FOR THE DURATION OF THE PROJECT, WITH THE EXCEPTION OF A SINGLE 24-HOUR PERIOD TO BE COORDINATED WITH THE CITY OF UKIAH A MINIMUM OF THREE (3) WORKING DAYS IN ADVANCE.
3. WHERE IMPRACTICAL TO REMOVE, DEMO'D PIPING MAY BE ABANDONED IN PLACE, BUT PIPING SHALL BE CUT AND REMOVED AT LEAST 1' BEYOND EXCAVATION FOR NEW CONSTRUCTION.

PLAN
 1"=10'



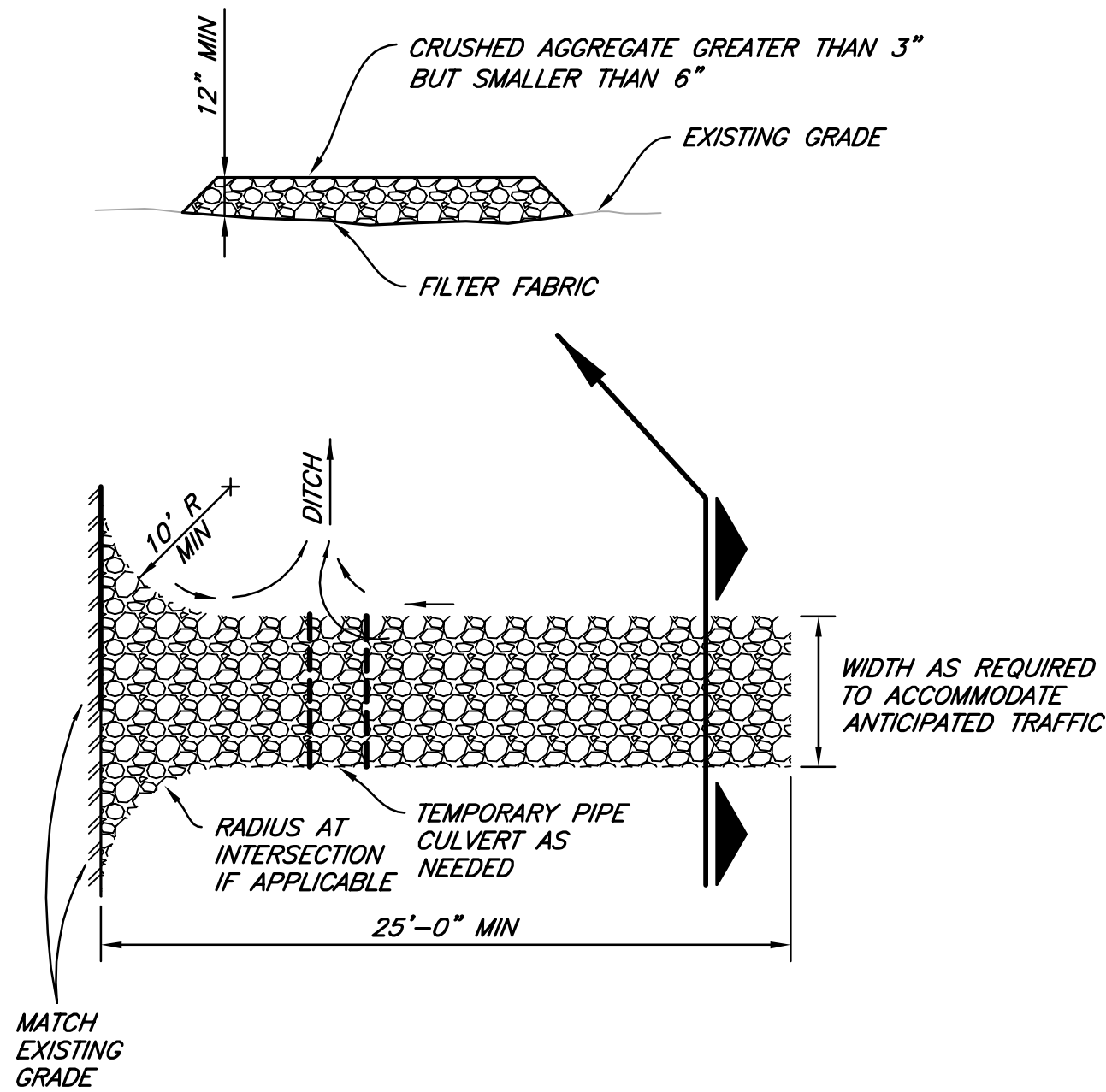
SPECIFICATION NO. 20-02

VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY			
CONSULTING ENGINEERS & GEOLOGISTS, INC. WWW.SHN-ENGR.COM 335 S. MAIN ST. WILLITS, CA 95490			
DSGN JGI DR SRH CHK LBW APVD		NO. 1	DATE 04/24/2020
CITY OF UKIAH PZ2S WATER TANK REPLACEMENT UKIAH, CALIFORNIA DEMOLITION PLAN		SRH BY	REVISION GLASS FUSED TANK
SHEET C-1		SEQ 4	DATE 02/2020
PROJ. NO. 416086		SPECIFICATION NO. 20-02	

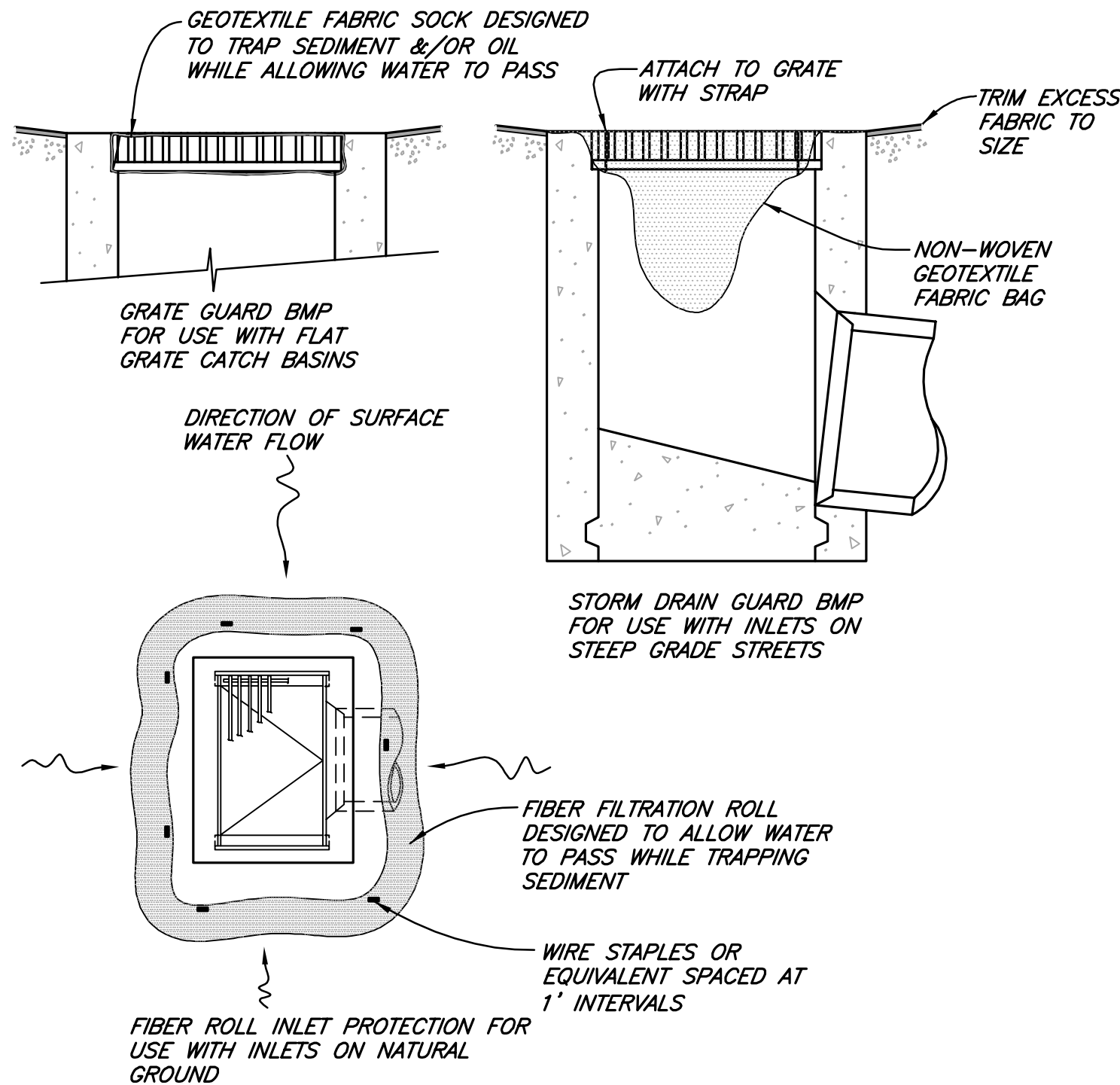


- NOTES:**
- BARRIERS SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE, BUT NOT BEFORE THE UPSLOPE AREA HAS BEEN PERMANENTLY PROTECTED AND STABILIZED.
 - SEDIMENT SHALL BE REMOVED WHEN IT BUILDS UP TO 1/3 OF THE BARRIER HEIGHT.

DETAIL 1
NTS
(SEDIMENT BARRIER)



DETAIL 2
NTS
(STABILIZED CONSTRUCTION ENTRANCE)

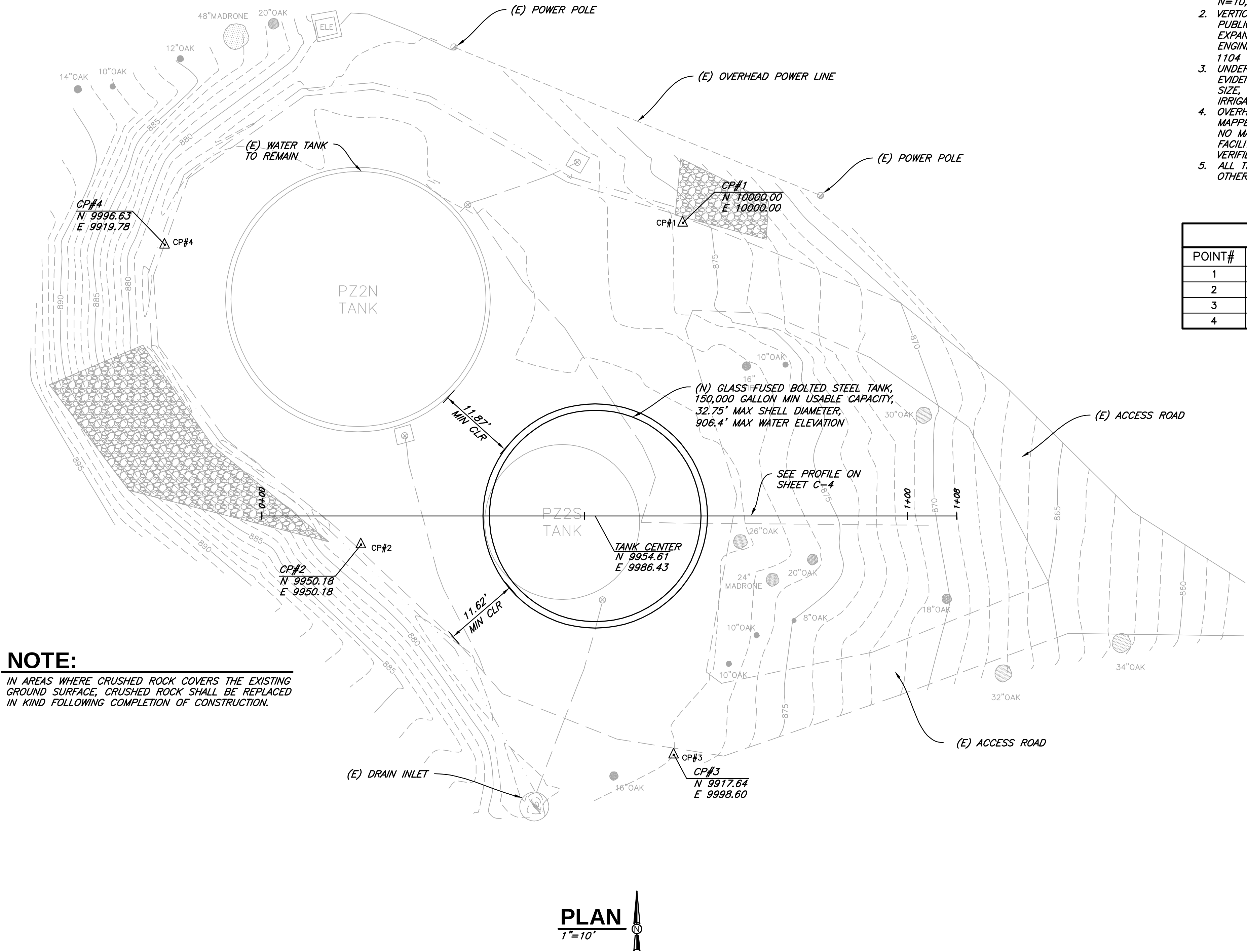


DETAIL 3
NTS
(STORM DRAIN PROTECTION)



SPECIFICATION NO. 20-02

VERIFY SCALES		BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.	
CONSULTING ENGINEERS & GEOLOGISTS, INC.		WWW.SHN-ENGR.COM 335 S. MAIN ST. WILLITS, CA 95490 707-459-4518	
SRH		BY	
GLASS FUSED TANK		REVISION	
04/24/2020		DATE	
1		NO.	
DSGN	JGI	DR	SRH
CHK	LBW	APVD	
CITY OF UKIAH PZ2S WATER TANK REPLACEMENT UKIAH, CALIFORNIA			
EROSION CONTROL PLAN			
SHEET C-2			
SEQ 5			
DATE 02/2020			
PROJ. NO. 416086			



NOTE:
 IN AREAS WHERE CRUSHED ROCK COVERS THE EXISTING GROUND SURFACE, CRUSHED ROCK SHALL BE REPLACED IN KIND FOLLOWING COMPLETION OF CONSTRUCTION.

- SURVEY NOTES:
 1. HORIZONTAL DATUM: ASSUMED AT CONTROL POINT #1
 N=10,000.00 E=10,000.00
 2. VERTICAL DATUM: 878.7' PER THE PLANS FOR THE CITY OF UKIAH
 PUBLIC UTILITIES DISTRIBUTION SYSTEM WATER STORAGE
 EXPANSION PROJECT, PREPARED BY SPH ASSOCIATES CONSULTING
 ENGINEERS, DATED APRIL, 2004. ALL POINTS ELEVATED AT POINT
 1104 -4,124.19' TO MATCH THE EXISTING TANK FLOOR.
 3. UNDERGROUND UTILITY INFORMATION SHOWN IS BASED ON VISIBLE
 EVIDENCE. SHN MAKES NO GUARANTEE REGARDING LOCATION, TYPE,
 SIZE, NOR PRESENCE OR ABSENCE OF UNDERGROUND UTILITIES.
 IRRIGATION SYSTEM NOT MAPPED.
 4. OVERHEAD LINES OFF OF THE PROJECT SITE ARE NOT FULLY
 MAPPED. INFORMATION SHOWN IS BASED ON VISIBLE EVIDENCE.
 NO MAPPING OBTAINED FOR PHONE AND CABLE TELEVISION
 FACILITIES. PHONE AND CABLE TELEVISION LINE LOCATIONS NOT
 VERIFIED.
 5. ALL TREES SURVEYED WERE DECIDUOUS UNLESS NOTED
 OTHERWISE. INDIVIDUAL TRUNKS IN TREE CLUSTERS NOT SHOWN.

POINT#	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	10000.00	10000.00	875.80	60DS
2	9950.18	9950.18	878.20	60DS
3	9917.64	9998.60	878.13	60DS
4	9996.63	9919.78	878.12	60DS



VERIFY SCALES
 BAR IS ONE INCH ON ORIGINAL DRAWING
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY
 0 1"

CONSULTING ENGINEERS & GEOLOGISTS, INC.
 WWW.SHN-ENGR.COM
 335 S. MAIN ST.
 WILLITS, CA 95490
 707-459-4518

SRH BY
 04/24/2020 DATE
 GLASS FUSED TANK
 REVISION
 NO.

DSGN JGI
 DR SRH
 CHK LBW
 APVD

CITY OF UKIAH
 PZ2S WATER TANK REPLACEMENT
 UKIAH, CALIFORNIA
 SITE PLAN

SHEET C-3
 SEQ 6
 DATE 02/2020
 PROJ. NO. 416086

willits projects 2016 416086-PZ2SWTUKiah Dwgs 416086-CIVIL.dwg



CITY OF UKIAH
PZ2S WATER TANK REPLACEMENT
UKIAH, CALIFORNIA

SHEET
C-4
SEQ 7
DATE 02/20
PROJ. NO. 416086

**CONSULTING ENGINEERS
& GEOLOGISTS, INC.**

335 S. MAIN ST.
WILLITS, CA. 95490

WWW.SHN-ENGR.COM
707-459-4518

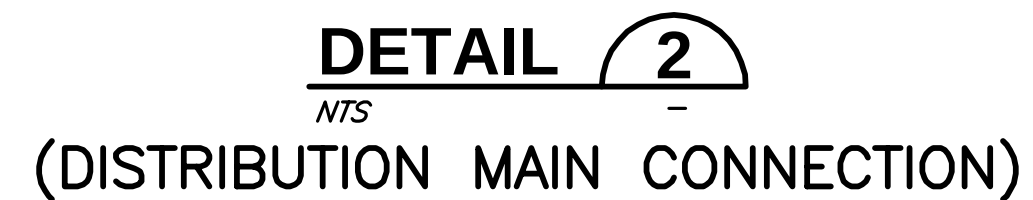
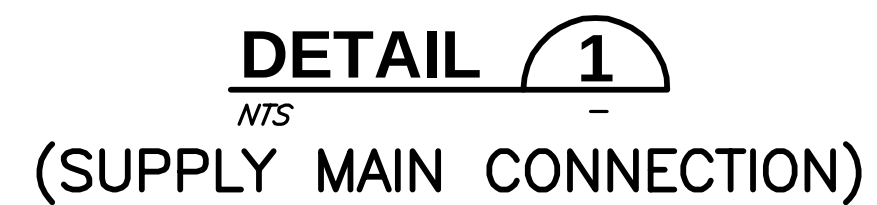
1	04/24/2020	GLASS FUSED TANK	SRH
---	------------	------------------	-----

DSGN	JGI
DR	SRH
CHK	LBW
APVD	

| | willits | projects | 2016 | 416086-PZ2SWTukiah | Dwgs | 416086-WATR-PROF.dwg |



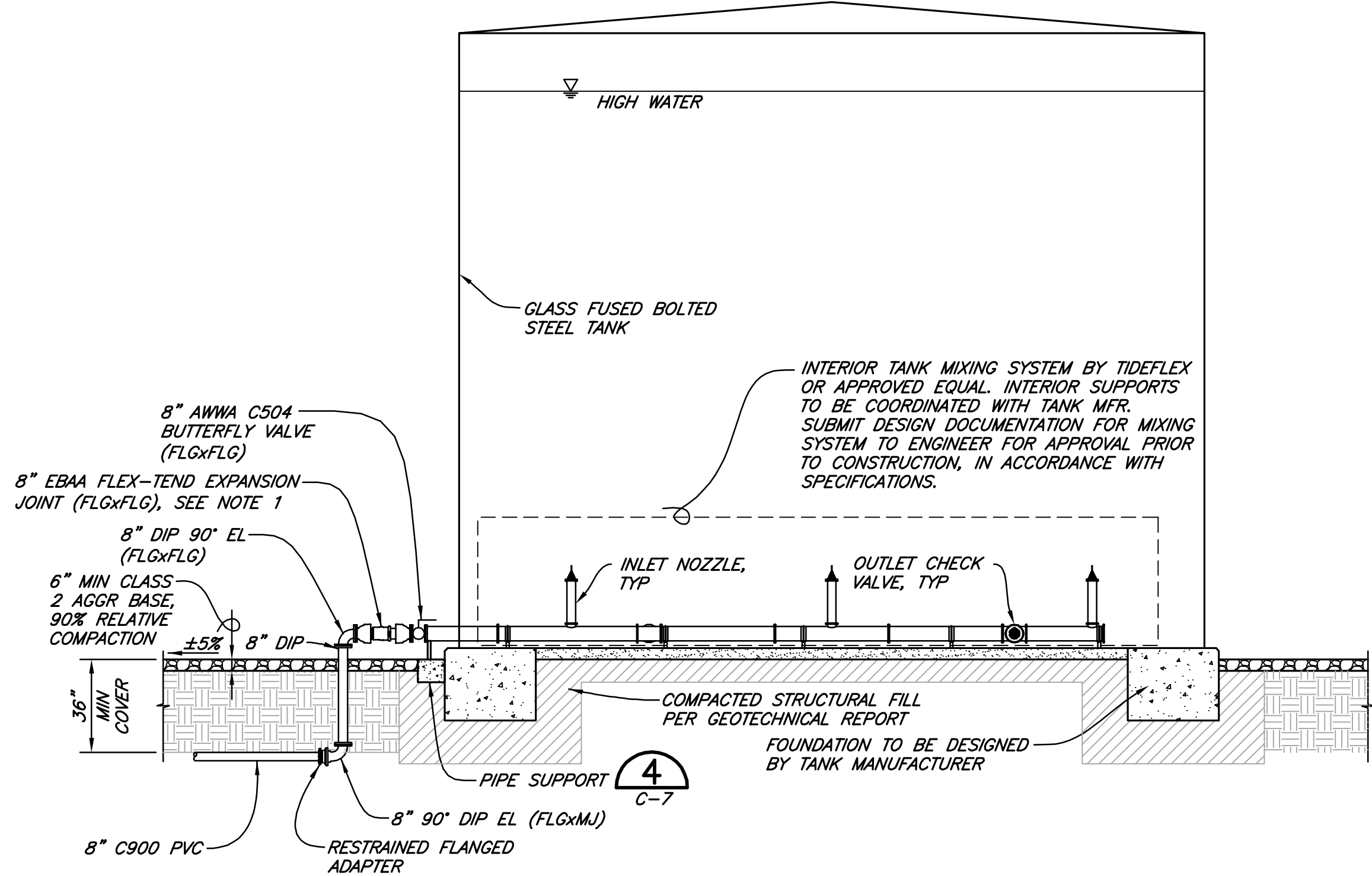
1. THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE AND BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME OF DESIGN. THE CONTRACTOR SHALL POTHOLE AND DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION AND THE SHALL ADJUST THE DEPTH OR ALIGNMENT OF THE NEW UTILITIES TO CLEAR AS DIRECTED BY THE ENGINEER.
2. NO HYDRAULIC ANALYSIS OF THE SYSTEM WAS PERFORMED BEYOND THE LIMIT OF WORK FOR THIS PROJECT.
3. CONNECTIONS BETWEEN NEW AND EXISTING PIPE SHALL BE MADE USING RESTRAINED JOINT FITTINGS APPROPRIATE FOR THE PIPE MATERIALS, SIZES, AND WALL THICKNESSES OF THE RESPECTIVE PIPES.
4. THRUST BLOCKING SHALL BE INSTALLED IN ACCORDANCE WITH CITY STANDARDS ON ALL NEW PRESSURE PIPE.
5. ALL PIPE JOINTS SHALL BE RESTRAINED.
6. INSTALL NO.10 COPPER WIRE WITH BLUE INSULATION ALONG TOP OF PIPE. WIRE SHALL EXTEND TO SURFACE AT ALL VALVES AND METERS. ALL WIRE CONNECTIONS SHALL BE INSULATED AND WATERTIGHT, COPPERHEAD SVALEBITE OR APPROVED EQUIV.
7. SEE PROJECT SPECIFICATIONS FOR DESIGN, MANUFACTURING, INSTALLATION, TESTING, AND DISINFECTION REQUIREMENTS FOR WATER TANK, PIPING, AND APPURTENANCES.
8. CHLORINATION, TESTING, AND FLUSHING OF WATER TANKS, TEMPORARY PIPING, AND PERMANENT PIPING SHALL BE ACCOMPLISHED PRIOR TO TIE-IN TO EXISTING WATER SYSTEM.
9. DISINFECTION OF WATER LINES WILL ONLY BE ACCEPTED AFTER PRESSURE TEST IS COMPLETED.
10. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE ALL WATER MAIN SHUTDOWNS WITH THE CITY A MINIMUM OF THREE (3) WORKING DAYS IN ADVANCE.



CITY OF UKIAH PZZS WATER TANK REPLACEMENT UKIAH, CALIFORNIA		SHEET C-5	
YARD PIPING PLAN		SEQ 8	DATE 02/20/2020
PROJ. NO. 416086		VERIFICATION DATE	
DSGN JGI DR SRH CHK LBW APVD		DATE 04/24/2020 REVISION SRH BY	
CONSULTING ENGINEERS & GEOLOGISTS, INC. 335 S. MAIN ST. WILLITS, CA. 95490 WWW.SHN-ENGR.COM 707-459-4518		VERIFY SCALES BAR IS ONE INCH ON ORIGINAL DRAWING IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	

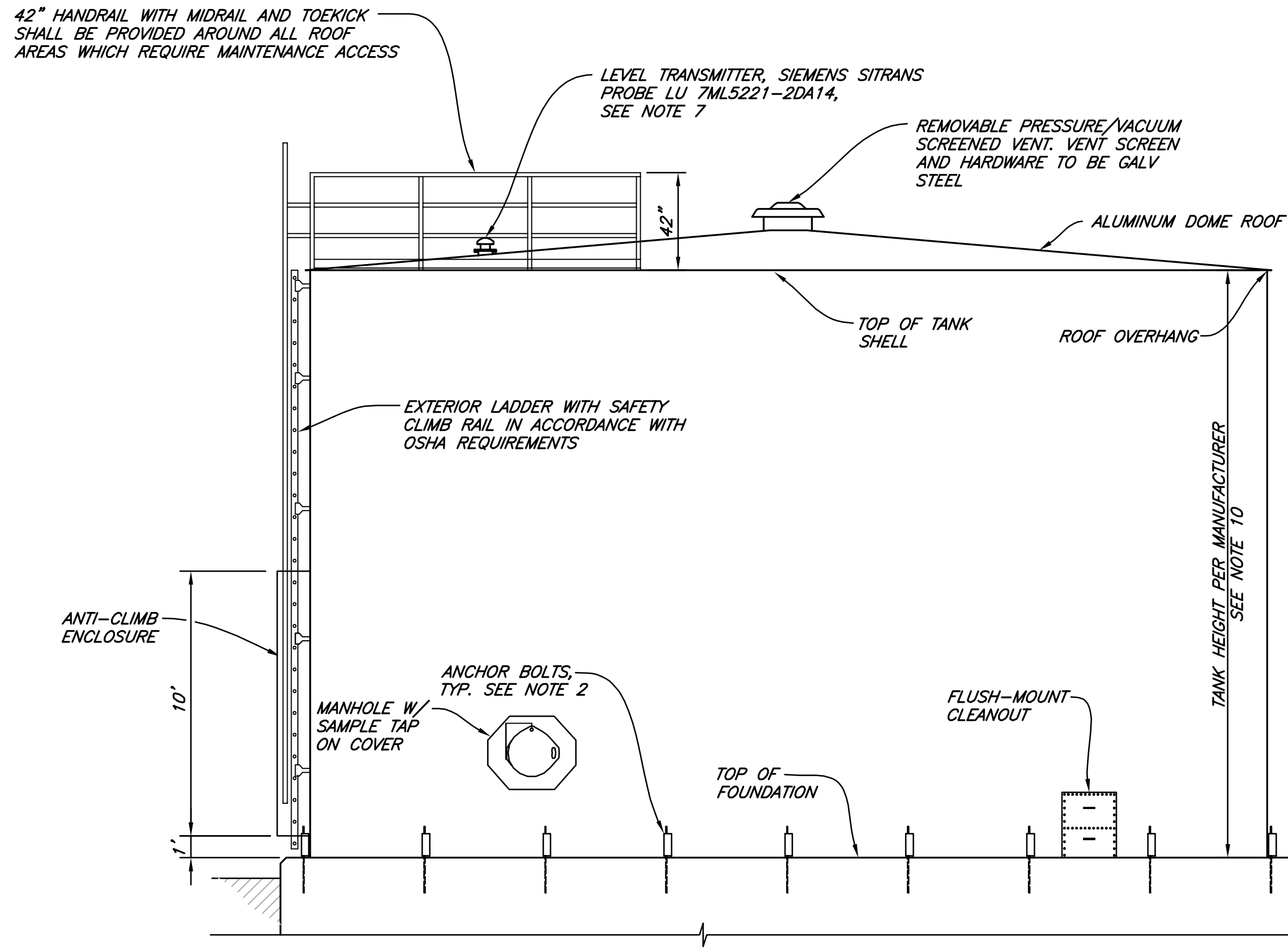
SAVED: 4/21/2020 4:59 PM SHEATH, PLOTTED: 4/22/2020 7:51 AM SAM R. HEATH
 \\willits\projects\2016\416086-PZ25WU\ukiah\Drawings\416086-CIVIL.dwg

1



INLET/OUTLET STRUCTURE

NTS

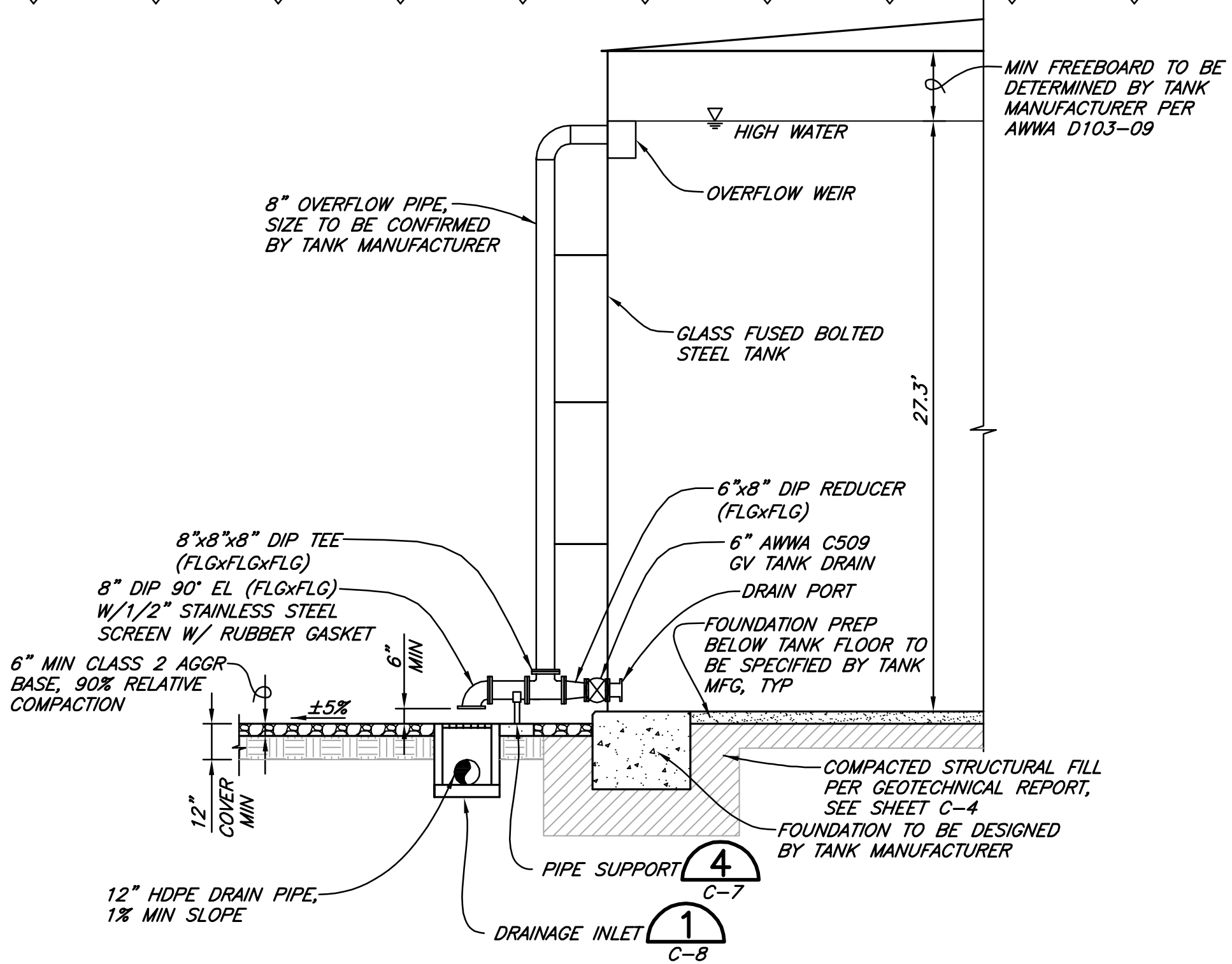


TANK ELEVATION

NTS

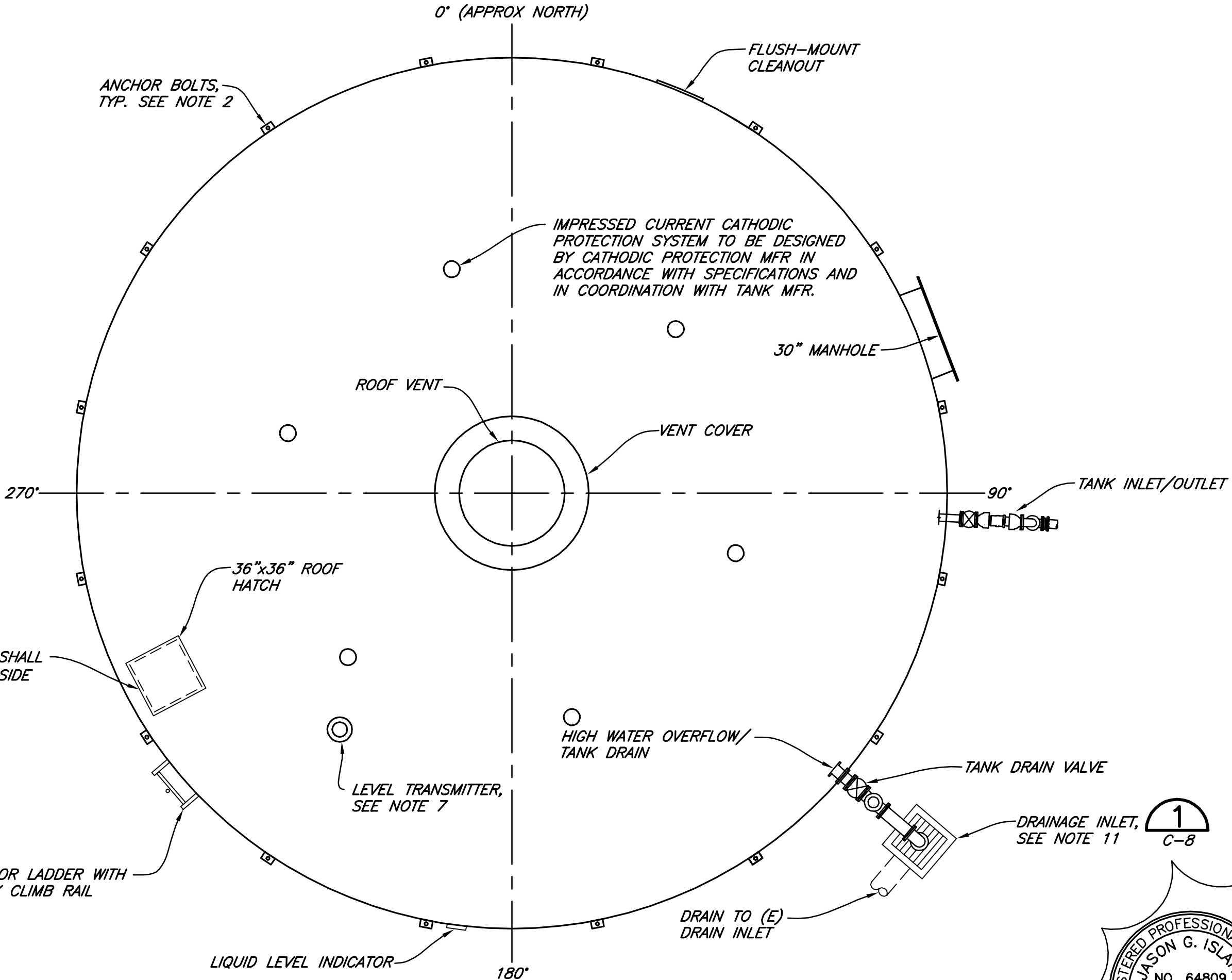
NOTES:

1. ALL PIPING CONNECTIONS SHALL HAVE ADEQUATE CAPACITY TO ACCOMMODATE CALCULATED DISPLACEMENTS DUE TO SEISMIC LOADS, IN ACCORDANCE WITH AWWA D103-09. PIPING CONNECTIONS SHOWN ON THESE PLANS REPRESENT MINIMUM REQUIREMENTS AND SHOULD BE MODIFIED IN COORDINATION WITH THE ENGINEER IF IT IS DETERMINED BY THE TANK MANUFACTURER THAT ADDITIONAL DISPLACEMENT CAPACITY IS NEEDED.
2. THE SIZE AND NUMBER OF ANCHOR BOLTS SHALL BE DETERMINED BY TANK MANUFACTURER'S ENGINEER.
3. TANK MANUFACTURER SHALL COORDINATE WITH THE CATHODIC PROTECTION SYSTEM MANUFACTURER.
4. FINAL LOCATION OF TANK APPURTENANCES TO BE DETERMINED IN THE FIELD.
5. ALL EXTERIOR PIPES AND PIPE SUPPORTS SHALL BE COATED WITH TANK EXTERIOR COATING SYSTEM.
6. TANK BOTTOM TO BE VACUUM TESTED PRIOR TO FILLING WITH WATER.
7. LEVEL TRANSMITTER MOUNTING SHALL BE COORDINATED WITH TANK MANUFACTURER. TRANSMITTER AND MOUNTING HARDWARE SHALL BE COMPATIBLE WITH ROOF MATERIALS TO AVOID CORROSION DUE TO DISSIMILAR METALS. INTERFIE OF LEVEL TRANSMITTER WITH EXISTING CONTROLS TO BE COORDINATED WITH CITY.
8. EXTERIOR LADDER AND GUARDRAIL TO BE GALVANIZED STEEL. LADDER, PLATFORM, HANDRAIL, AND FALL PROTECTION SHALL COMPLY WITH OSHA REQUIREMENTS. NO HYDRAULIC ANALYSIS OF THE WATER SYSTEM WAS PERFORMED BEYOND THE LIMITS OF WORK FOR THIS PROJECT.
10. TANK HEIGHT TO BE DETERMINED BY TANK MANUFACTURER BASED ON HIGH WATER ELEVATION AND MINIMUM FREEBOARD IN ACCORDANCE WITH PROJECT SPECIFICATIONS.
11. SUPPLY MAT OR SOCK WITH 20 DECHLORINATION TABLETS (LPD-CHLOR OR VITA-D-CHLOR) IN THE TANK OVERFLOW DRAIN INLET STRUCTURE.



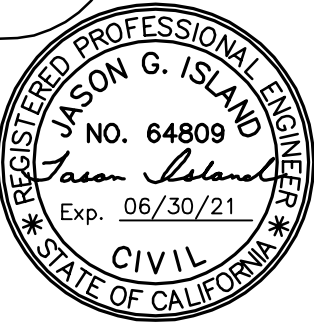
HIGH WATER OVERFLOW/TANK DRAIN

NTS



PLAN

NTS



SPECIFICATION NO. 20-02

VERIFY SCALES		B.B. IS ONE INCH ON ORIGINAL DRAWING		O 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY	
DESIGN		JGI	SRH	CHK	LBW
DR		SRH	SRH	CHK	LBW
APVD		SRH	SRH	CHK	LBW
CITY OF UKIAH		PZ25 WATER TANK REPLACEMENT			
UKIAH, CALIFORNIA		TANK DETAILS			
SHEET		C-6			
SEQ		9			
DATE		02/2020			
PROJ. NO.		416086			

SAVED: 4/21/2020 4:59 PM SHEATH, PLOTTED: 4/22/2020 7:49 AM SAM R. HEATH
 \\willits\projects\2016\416086-PZ25WUKIAH\Drawgs\416086-CIVIL.dwg

WATER CONSTRUCTION NOTES

- ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF UKIAH SPECIFICATION, CITY OF UKIAH STANDARD DRAWINGS, CALIFORNIA PLUMBING CODE (LATEST EDITION) AND AWWA STANDARDS.
- THE CONTRACTOR SHALL PROVIDE, PROCURE AND PAY FOR ALL PERMITS REQUIRED TO CARRY ON AND COMPLETE THE WORK. THESE INCLUDE, BUT NOT LIMITED TO, ENCROACHMENT PERMITS, INSPECTION FEES, BUSINESS LICENSE, VALID AND PROPER CONTRACTOR'S LICENSE. ENCROACHMENT PERMITS MUST BE LOCATED ON THE JOB SITE DURING WHICH TIME CONTRACTOR IS WORKING THERE.
- CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (U.S.A.) TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION. DIAL (TOLL FREE) 1-800-227-2600.
- ALL CONNECTIONS TO LIVE WATER MAINS SHALL BE MADE BY CITY FORCES, AT DEVELOPER'S EXPENSE.
- CONSTRUCTION MATERIAL AND EQUIPMENT SHALL BE NEW AND OF A QUALITY EQUAL TO THAT SPECIFIED OR APPROVED. WORK SHALL BE DONE AND COMPLETED IN A THOROUGH AND WORKMANLIKE MANNER.

WHENEVER ANY MATERIAL OR EQUIPMENT IS INDICATED OR SPECIFIED BY PATENT OR PROPRIETARY NAME OR BY THE NAME OF THE MANUFACTURER, SUCH SPECIFICATION SHALL BE CONSIDERED AS DESCRIBING THE MATERIAL OR EQUIPMENT DESIRED AND SHALL BE FOLLOWED BY THE WORDS "OR APPROVED EQUAL". THE CONTRACTOR MAY OFFER ANY MATERIAL OR EQUIPMENT WHICH SHALL BE EQUAL IN EVERY RESPECT TO THAT SPECIFIED; PROVIDED, THAT WRITTEN APPROVAL FIRST IS OBTAINED FROM THE CITY ENGINEER.

- AT THE LOCATION OF EACH WATER AND SEWER SERVICE LATERAL, THE LETTERS "W" FOR WATER AND "S" FOR SEWER SHALL BE INSCRIBED INTO THE FACE OF THE CURB. THE LETTERS "W" AND "S" SHALL BE 4" HIGH AND COMPLETELY LEGIBLE.
- METER BOXES AND VAULTS SHALL BE LOCATED OUT OF TRAFFIC LOADING AREAS WHENEVER POSSIBLE AND SET SO THAT THE READING LIDS ARE ALIGNED OVER THE METER REGISTERS AS CLOSELY AS POSSIBLE.

CITY OF UKIAH

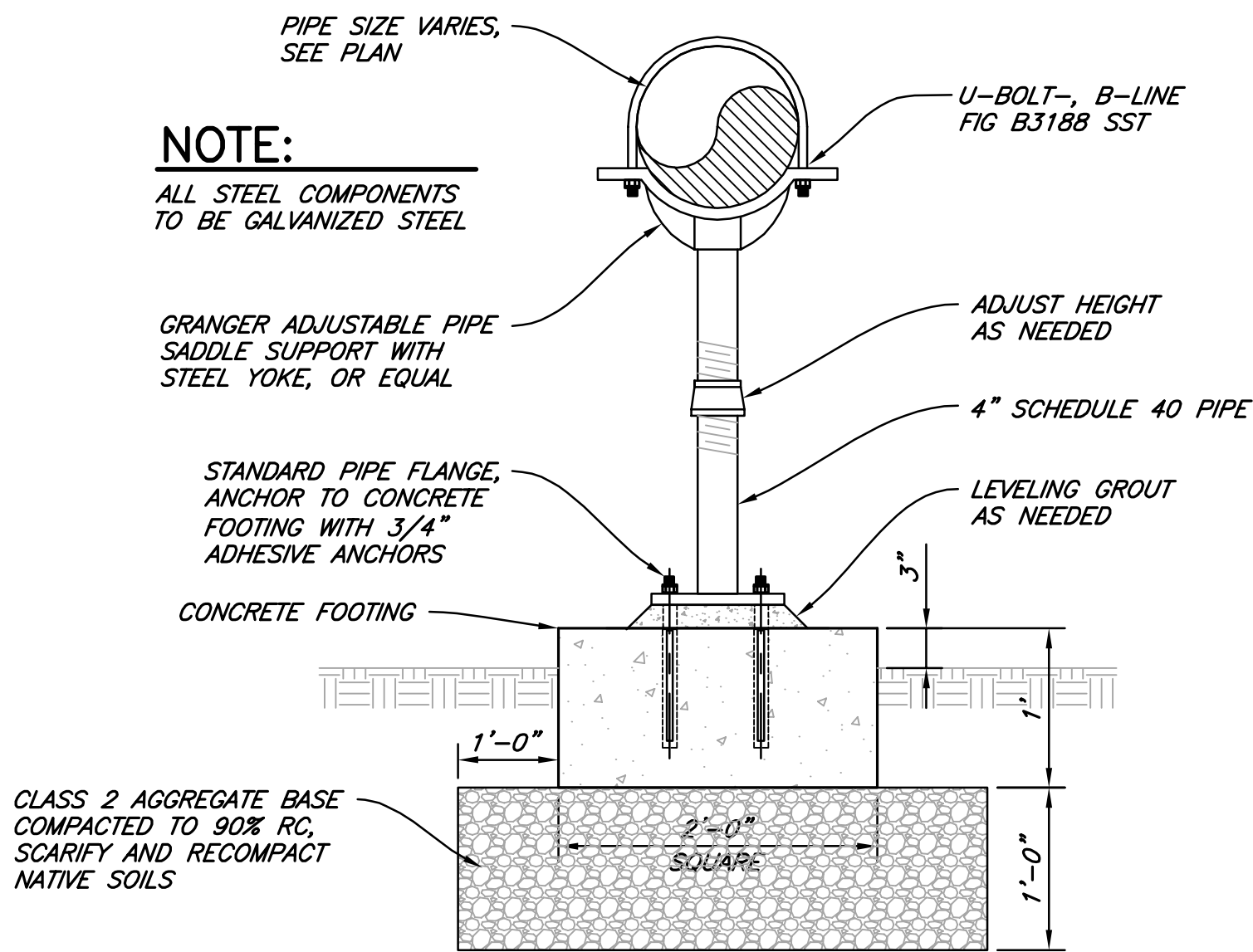
WATER CONSTRUCTION NOTES

SCALE:	DRAWN BY:	DATE:	DRAWING NO.
		2/19/00	300
APPROVED BY: <i>B. Butcher</i>			

DETAIL 1

NTS

(CITY STANDARD NOTES)



DETAIL 4

NTS

(PIPE SUPPORT)

TRENCH IN STREET
 RIGHT OF WAY

EXISTING PAVING

PAVEMENT: TYPE B-1/2" MEDIUM ASPHALT CONCRETE VERTICAL SAWCUT, TACK EDGES WITH ASPHALTIC EMULSION RS-1 CLASS II AGGREGATE BASE SECTION TO MATCH EXISTING OR 12" MIN. WHICH EVER IS GREATER. 95% RELATIVE COMPACTION.

STREETS UNDER CONSTRUCTION

SEE NOTE 4
 SUBGRADE
 TRENCH BACKFILL (SEE NOTE 5)

UNPAVED AREAS

CLASS II AGGREGATE BASE UP TO FINISH GRADE, PLACE TRENCH BACKFILL PER NOTE 5

TRENCH OUTSIDE STREET
 RIGHT OF WAY

PAVEMENT THICKNESS SHALL BE THE THICKNESS OF THE EXISTING PAVEMENT PLUS 1" OR 3" TOTAL THICKNESS, WHICHEVER IS GREATER.

UNIMPROVED AREAS

30" NATIVE MATERIAL (SEE NOTE 6)
 NATIVE OR IMPORT MATERIAL 90% RELATIVE COMPACTION

IMPROVED AREAS

TRENCH BACKFILL (SEE NOTE 5)

PIPE BEDDING (SEE NOTE 7)

WATER PIPE

PROVIDE DRAIN ROCK FOR UNSTABLE TRENCH (SEE NOTE 3)

NOTES:

- When excavation is in rocky ground, use the greater of 1/4 pipe o.d. or 4" minimum.
- For 18" diameter pipe, or less, use 6" minimum, 9" maximum; for greater than 18" dia. use 9" minimum, 12" maximum.
- For unstable trench provide drain rock for width of trench, depth as specified on the improvement plans or by the engineer.
- New street section per improvement plans.
- Trench backfill, 95% relative compaction: within 30" of finish grade. Remaining backfill, 90% relative compaction.

Sieve size	% passing
3/4"	95 %
No. 4	65 % min.
No. 100	15 % max
- Backfill with native material removed from upper 30", 85% relative compaction.
- Pipe bedding, 90% relative compaction.

Sieve size	% passing
3/4"	95 - 100 %
No. 4	56 - 100 %
- Compaction: hand and mechanical tamping in 8" maximum lifts.

REVISED: 2/25/99

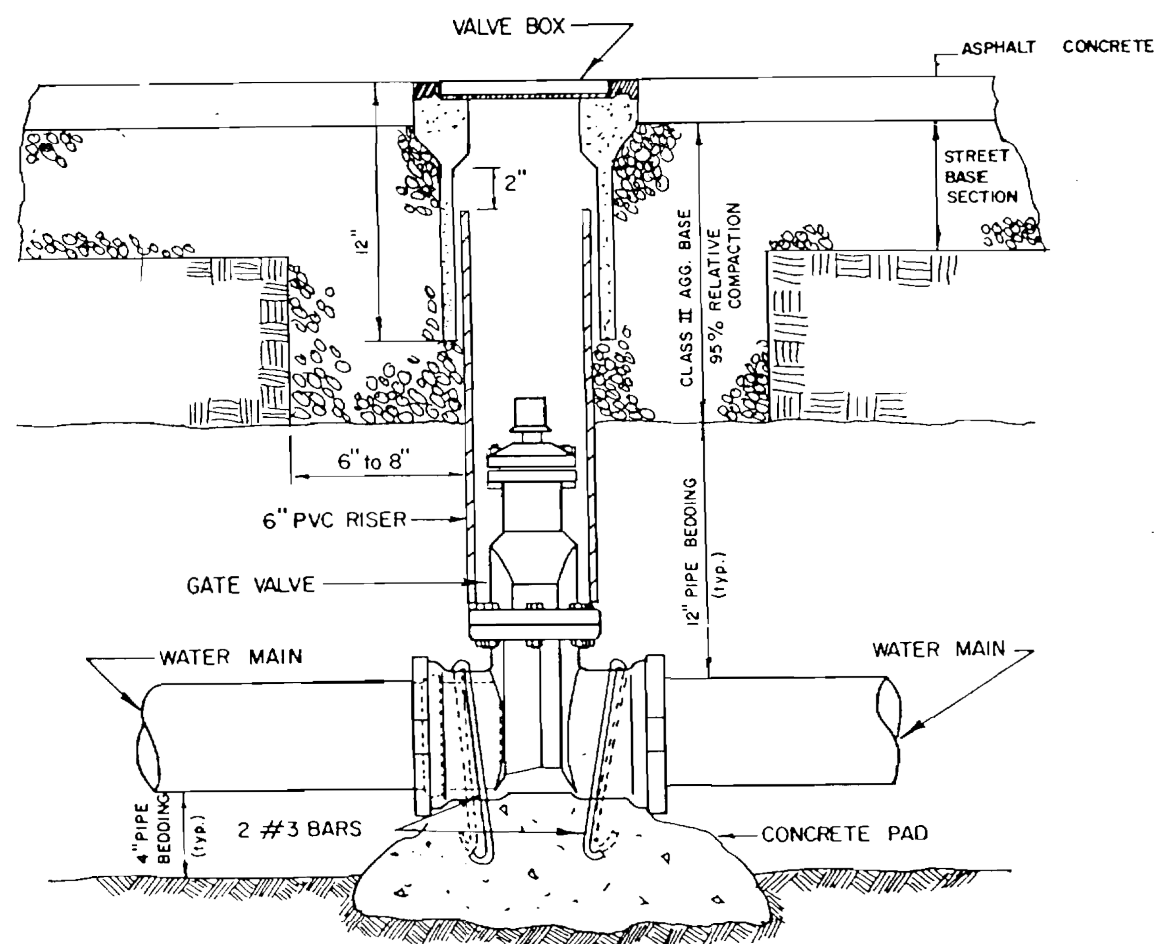
CITY OF UKIAH

TRENCH DETAIL
 FOR WATER LINE

Scale: no scale	Drawn By: ML	Approved By: <i>4/09</i>	Drawing No.
Date: 2/20/87	Revised: <i>R. Padoncello</i>		320

NOTES

- GATE VALVES SHALL BE OF THE TYPE, RESILIENT SEAT WITH MODIFIED WEDGE, AND SHALL MEET AWWA 509-87 STANDARD. USE AMERICAN DARLING CRS OR APPROVED EQUAL.
- VALVE BOXES SHALL BE SET FLUSH WITH FINISH STREET GRADE. BOX COVER SHALL INDICATE "WATER" ON TOP. VALVE BOXES SHALL BE CHRISTY G-5, OR APPROVED EQUAL.
- VALVE CONNECTIONS SHALL BE PUSH-ON WHEN USING AWWA C900 PVC PIPE. CONNECTIONS SHALL BE MECHANICAL JOINT FOR PIPE OTHER THAN PVC.



CITY OF UKIAH

GATE VALVE AND VALVE BOX
 DETAIL

NO SCALE	ML	Approved By: <i>4/88</i>	Drawing No.
		<i>R. Padoncello</i>	307

DETAIL 3

NTS

(GATE VALVE INSTALLATION)

VERIFY SCALES
 BAR IS ONE INCH ON ORIGINAL DRAWING
 0 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

CONSULTING ENGINEERS & GEOLOGISTS, INC.
 WWW.SHN-ENGR.COM
 335 S. MAIN ST.
 WILLITS, CA 95490
 707-459-4518

SRH BY

REVISION

GLASS FUSED TANK

DATE

NO.

04/24/2020

JGI

DR SRH

CHK LBW

APVD

CITY OF UKIAH

PZ25 WATER TANK REPLACEMENT

UKIAH, CALIFORNIA

WATER LINE DETAILS

SHEET

C-7

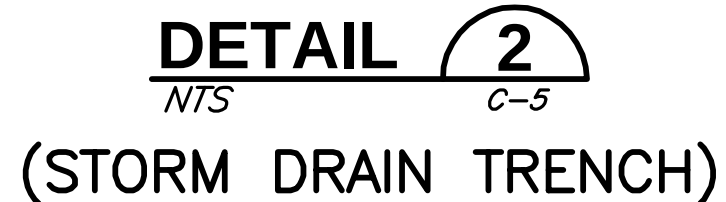
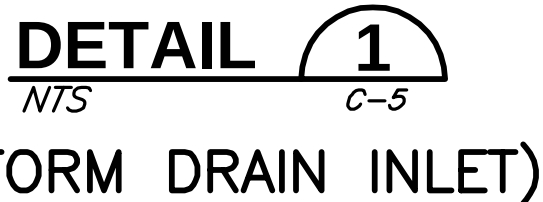
SEQ 10

DATE 02/2020

PROJ. NO.

416086





NOTES

Thrust Blocking Table calculated for soil bearing capacity of 1,000 lbs./sq.ft. and 175 lbs./sq. in. test pressure.

Any greater soil bearing capacity than 1,000 lbs./sq.ft. shall be determined by an engineer, and approved by the City.

Concrete blocking shall be Class B concrete 2,000 lbs./sq. in..

Concrete blocking, cast in place, to extend from bells of fittings to undisturbed ground.

For plugged (leg)s of tee or cross with 90° flow pattern, use data listed for 90° bend.



Please return to:

CITY OF UKIAH
300 Seminary Avenue
Ukiah, California 95482-5400
(707) 463-6200

NOTICE OF COMPLETION

NOTICE IS HEREBY GIVEN:

1. That the project described as: Pressure Zone 2 South (PZ2S) Water Reservoir Replacement Project, Specification 20-02.
2. That the nature of the title to the replacement of a 100,000-gallon water reservoir and system improvements.
3. That on the 28th day of January 2022, the Contract work for this project was actually completed.
4. That the name and address of the Contractor is CV Larsen Co., 1846 Ludwig Avenue, Santa Rosa, CA 95407.
5. That the real property herein referred to is situated in the County of Mendocino, State of California, and is described as follows: City-owned property identified as west of the Ukiah Valley Golf Course near Todd Grove Park.

I hereby certify under penalty of perjury that the forgoing is true and correct:

City Council Approval CITY OF UKIAH, a Municipal Corporation

_____	By: _____	_____
Date	Kristine Lawler, City Clerk	Date

State of California

County of Mendocino

Exempt from recording fees pursuant to Government Code Section 27383



AGENDA SUMMARY REPORT

SUBJECT: Approval of Notice of Completion for Pavement Coatings Co., for the 2021 Slurry Seal of Local Streets, Specification 21-03, and Direct the City Clerk to File the Notice of Completion with the County Recorder.

DEPARTMENT: Public Works

PREPARED BY: Seth Strader, Buyer I

PRESENTER: Tim Eriksen, Public Works Director/City Engineer

ATTACHMENTS:

1. Plans Spec 21-03
2. Notice-of-Completion

Summary: Council will consider approving the Notice of Completion for the 2021 Slurry Seal of Local Streets, Specification 21-03 and approve final payment of the 5% retention to Pavement Coatings Co.

Background: The Ukiah City Council awarded the contract for the 2021 Slurry Seal of Local streets on September 1, 2021, to Pavement Coatings Co. in the amount of \$321,087.00 inclusive of quantities to be billed at actual amounts. This project involved slurry seal, striping and steer markings at 38 locations.

Discussion: Contract work was completed by the contractor in substantial conformance with the approved plans (Attachment 1) and specifications on November 5th, 2021. The project scope was increased to include additional layers of the slurry seal and striping of the local streets included in the original plans. The final contract cost, based on actual quantities constructed and the authorized contract change order to allow for additional slurry seal and striping, is \$463,09.86. The final payment of the retention will be made to the contractor after 35 days from the date the Notice of Completion (Attachment 2) is filed with the County Recorder.

Recommended Action: Approve Notice of Completion for the 2021 Slurry Seal of Local Streets, Specification 21-03, and direct the City Clerk to file the Notice of Completion with the County Recorder.

BUDGET AMENDMENT REQUIRED: NO

CURRENT BUDGET AMOUNT: 12024200.52100.18252: \$463,099.86

PROPOSED BUDGET AMOUNT: N/A

FINANCING SOURCE: N/A

PREVIOUS CONTRACT/PURCHASE ORDER NO.: Contract 2122-099

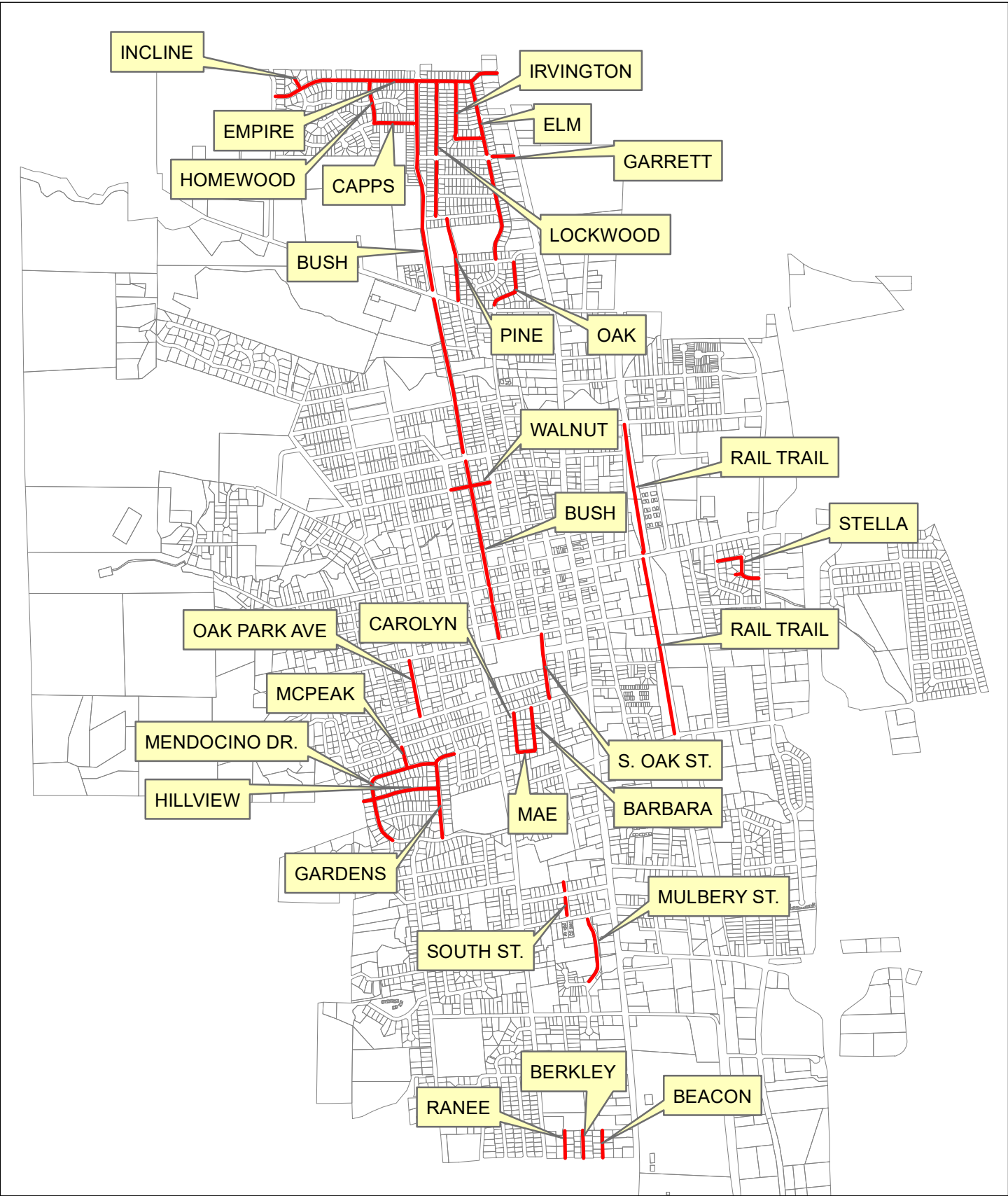
COORDINATED WITH: Jason Benson, Senior Engineer and Tim Eriksen, Director of Public Works

Approved: 
Sage Sangiacomo, City Manager

SLURRY SEAL OF LOCAL STREETS
SPECIFICATION NUMBER 21-03
VARIOUS LOCATIONS WITHIN
UKIAH, CALIFORNIA

UKIAH VICINITY MAP
NO SCALE

APRIL 2021



GENERAL NOTES:

ALL MATERIALS, WORKMANSHIP AND CONSTRUCTION SHALL CONFORM TO THE 2010 EDITION OF THE CALTRANS STANDARD PLANS AND SPECIFICATIONS, THESE IMPROVEMENT PLANS AND THE PROJECT SPECIAL PROVISIONS.

CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF THE PROJECT, INCLUDING SAFETY OF ALL PROPERTY; THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.

CONTRACTOR SHALL CONFINE HOURS OF CONSTRUCTION OPERATION TO 7 A.M. TO 6 P.M. MONDAY THROUGH FRIDAY, UNLESS OTHERWISE APPROVED BY THE ENGINEER. CONTRACTOR SHALL REFERENCE EXISTING STRIPING AND MARKINGS PRIOR TO BEGINNING WORK AND SHALL RESTRIPE TO MATCH PRE-CONSTRUCTION STRIPING. SEE TABLE 1 FOR QUANTITIES.

QUANTITIES NOTED FOR SLURRY SEAL ARE BASED ON FIELD MEASUREMENTS AND ARE SHOWN IN TABLE 1.

SLURRY SELECTION

CITY OF UKIAH		
SLURRY SEAL OF LOCAL STREETS		
COVER SHEET		
SCALE:	CITY APPROVAL BY:	DRAWN BY:
NOT TO SCALE		D.F.
DATE:		CHECKED BY:
APRIL 2021	TIM ERIKSEN	J.T.
SPECIFICATION NUMBER:		DRAWING NUMBER:
21-03	DIRECTOR OF PUBLIC WORKS/CITY ENGINEER	1 OF 3
DRAWING FILE:		
S:\Public Works\PROJECTS\Public Works\2021\Spec No 21-03 Slurry Seal Local Streets		

SLURRY SEAL OF LOCAL STREETS

SPECIFICATION NUMBER 21-03

VARIOUS LOCATIONS WITHIN
UKIAH, CALIFORNIA

APRIL 2021

TABLE 1: QUANTITIES

STREET SECTIONS			FIELD LENGTH (FT)	VARIABLE WIDTH (FT)	SLURRY SEAL AREA (SY)	QUANTITIES		PAVEMENT MARKERS	PAVEMENT MARKINGS					DOUBLE SLURRY
STREET NAME	FROM	TO				MH (EA)	VALVE/ MON. / SCO (EA)	REFLECTIVE MARKERS (EA)	BIKE LANE (EA)	STOP MARKING (EA.)	SCHOOL XING	ADA PARKING STALL	PARKING STALL	
								BLUE	WHITE	WHITE	YELLOW	-	-	
Barbara St.	N. SIDE MAE	S. SIDE W. MILL ST.	533	38	2250	2	3	0	-	1	-	-	-	X2
Beacon Way	N. SIDE BEACON LN.	END	360	28	1120	1	2	0	-	-	-	-	-	-
Berkley way	N. SIDE BEACON LN.	END	369	35	1435	1	2	0	-	-	-	-	-	-
Bush St.	N. SIDE LOW GAP	S SIDE EMPIRE	2783	47	14533	5	26	5	6	5	-	-	-	-
Bush St.	N. SIDE N. CLAY	S. SIDE W. STEPHENSON ST.	202	44	988	0	1	1	-	2	-	-	-	-
Bush St.	N. SIDE W. STEPHENSON ST.	S. SIDE W. CHURCH ST	211	43	1008	0	0	0	-	2	-	-	-	-
Bush St.	N. SIDE W. CHURCH	S. SIDE W PERKINS	201	43	960	0	1	1	-	2	-	-	-	-
Bush St.	N. SIDE W. PERKINS	S. SIDE WALNUT	201	43	960	3	12	3	-	8	-	-	-	-
Bush St.	N. SIDE WALNUT	S. SIDE GROVE	329	45	1645	0	3	0	-	2	-	-	-	-
Bush St.	S. SIDE LOW GAP	N. SIDE GROVE	2106	46	10764	13	20	6	6	3	2	-	-	-
Carolyn St.	N. SIDE MAE	S. SIDE W. MILL ST.	482	38	2035	0	4	1	-	1	-	-	-	X2
Capps Ln	W. SIDE HOMEWOOD DR.	W. SIDE N. BUSH ST.	545	35	2119	3	9	1	-	1	-	-	-	-
Elm St.	N. SIDE GARRETT	S. SIDE EMPIRE	958	35	3726	3	7	2	-	2	-	-	-	-
Elm St.	S. SIDE GARRETT	N. SIDE MAGNOLIA	1,322	36	5288	6	13	4	-	1	-	-	-	-
Empire Dr.	E. SIDE DESPINA	W. SIDE STATE	2,960	36	11840	11	26	3	-	5	-	-	-	-
Gardens Ave.	N. SIDE MENDOCINO DR.	S SIDE MENDOCINO DR.	944	37	3881	3	4	2	-	-	2	-	-	-
Garrett Dr.	E. SIDE ELM	W. SIDE STATE	333	34	1258	0	1	-	-	1	-	-	-	-
Hillview Ave.	W. SIDE GARDENS AVE.	E SIDE MENDOCINO DR.	820	37	3371	2	3	2	-	-	-	-	-	-
Hillview Ave.	E. SIDE MENDOCINO DR.	END	120	37	493	-	1	-	-	-	-	-	-	-
Homewood Dr.	S. SIDE EMPIRE	W. SIDE CAPPS LN	521	44	2547	1	7	1	-	2	-	-	-	-
Incline	N. SIDE EMPIRE	END	144	56	896	1	2	1	-	1	-	-	-	-
Irvington Dr.	S. SIDE EMPIRE	W. SIDE ELM	1,092	40	4853	3	4	2	-	1	-	-	-	X2
Lockwood Dr.	S. SIDE EMPIRE	N. SIDE GARRETT	942	36	3768	2	3	2	-	1	-	-	-	-
Lockwood Dr.	S. SIDE GARRETT	N. SIDE ARLINGTON DR	740	35	2878	2	8	2	-	2	-	-	-	-
Mae St.	W. SIDE MAE	E. SIDE MAE	270	46	1380	2	2	1	-	-	-	-	-	X2
Mendocino Dr.	W. SIDE S. SPRING ST.	END OF MARK ON STREET	2,040	36	8160	5	10	-	-	-	-	-	-	-
McPeak ST.	N. MENDOCINO DR.	S SIDE W. MILL ST.	248	28	772	-	-	-	-	1	-	-	-	-
Mulbery St.	S. OBSERVATORY	BEGINNING CREEKSIDE ST.	862	36	3448	7	16	2	-	-	-	-	-	-
N. Pine ST.	N. SIDE LOW GAP	S. SIDE ARLINGTON	1,099	36	4396	3	11	3	-	2	-	1	-	-
Oak Park	N SIDE JONES ST	S. SIDE CLAY ST.	740	34	2796	1	9	1	-	1	-	-	-	-
Oak St.	N. SIDE MILL ST.	S. SIDE CLAY ST.	850	40	3778	2	9	-	-	2	-	-	20	-
Oak St.	S. SIDE MAGNOLIA	N. SIDE LOW GAP	770	32	2738	2	4	1	-	1	-	-	-	-
Rail Trail (TYPE I SLURRY)	S. SIDE CLARA	N. SIDE GOBBI	4,032	11	4928			-	-	-	-	-	-	-
Ranee Ln	N. SIDE BEACON LN.	END	348	28	1083	1	2	2	-	-	-	-	-	-
South St.	N. SIDE OBSERVATORY	S. SIDE LUCE	230	40	1022	-	-	-	-	2	-	-	-	-
South St.	N. SIDE LUCE	PROPERTY LIMITS	115	40	511	-	-	-	-	1	-	-	-	-
Stella Dr.	W SIDE S. ORCHARD	E SIDE WARREN DR.	870	36	3480	2	4	1	-	1	-	-	-	-
Walnut	E. SIDE DORA	W. SIDE N PINE	514	36	2,056	1	3	1	-	1	-	-	-	-
TOTAL			32,206	1,427	125,165	88	232	51	12	55	4	1	20	4

CONTRACTOR IS RESPONSIBLE FOR REPLACING EXISTING ADA HATCHED ACCESS AISLES NEAR ADA PARKING SPACES.

CITY OF UKIAH

SLURRY SEAL OF LOCAL STREETS

TABLES

SPECIFICATION NUMBER: 21-03

DRAWING NUMBER:

S:\Public Works\PROJECTS\Public Works\2021\Spec No 21-03 Slurry Seal Local Streets

2 OF 3

SLURRY SEAL OF LOCAL STREETS
SPECIFICATION NUMBER 21-03
VARIOUS LOCATIONS WITHIN
UKIAH, CALIFORNIA
APRIL 2021

TABLE 2: QUANTITIES

STREET SECTIONS			FIELD LENGTH (FT)	VARIABLE WIDTH (FT)	SLURRY SEAL AREA (SY)	TRAFFIC STRIPING					THERMOPLASTIC PAVEMENT MARKINGS				
STREET NAME	FROM	TO				SOLID 4" (LF)	SOLID 8" (LF)	SOLID DOUBLE 4" (LF)	BROKEN 4" (LF)	BIKE LANE 4" (LF)	CROSSWALK (LF)	CROSSWALK (LF)	DIRECTIONAL ARROW	STOP BAR (LF)	LADDER XWALK (SF)
						YELLOW	WHITE	YELLOW	YELLOW	WHITE	WHITE	YELLOW	WHITE	WHITE	YELLOW
Barbara St.	N. SIDE MAE	S. SIDE W. MILL ST.	533	38	2250	-	-	-	-	-	-	-	-	19	-
Beacon Way	N. SIDE BEACON LN.	END	360	28	1120	-	-	-	-	-	-	-	-	-	-
Berkley	N. SIDE BEACON LN.	END	369	35	1435	-	-	-	-	-	-	-	-	-	-
Bush St.	N. SIDE LOW GAP	S SIDE EMPIRE	2783	47	14533	176	106	329	2117	9448	-	292	3	27	-
Bush St.	N. SIDE N. CLAY	S. SIDE W. STEPHENSON ST.	202	44	988	-	-	-	-	-	44	88	-	-	-
Bush St.	N. SIDE W. STEPHENSON ST.	S. SIDE W. CHURCH ST	211	43	1008	-	-	-	-	-	86	-	-	-	-
Bush St.	N. SIDE W. CHURCH	S. SIDE W PERKINS	201	43	960	-	-	-	-	-	86	-	-	-	-
Bush St.	N. SIDE W. PERKINS	S. SIDE WALNUT	201	43	960	-	-	-	-	-	258	-	-	86	-
Bush St.	N. SIDE WALNUT	S. SIDE GROVE	329	45	1645	109	-	-	180	-	-	90	-	21	-
Bush St.	S. SIDE LOW GAP	N. SIDE GROVE	2106	46	10764	50	80	220	1660	7522	-	244	1	-	688
Carolyn St.	N. SIDE MAE	S. SIDE W. MILL ST.	482	38	2035	-	-	-	-	-	-	-	-	19	-
Capps Ln	W. SIDE HOMEWOOD DR.	W. SIDE N. BUSH ST.	545	35	2119	-	-	-	-	-	114	-	-	-	-
Elm St.	N. SIDE GARRETT	S. SIDE EMPIRE	958	35	3726	-	-	-	-	-	-	-	-	35	-
Elm St.	S. SIDE GARRETT	N. SIDE MAGNOLIA	1,322	36	5288	50			543	-	-	-	-	26	
Empire Dr.	E. SIDE DESPINA	W. SIDE STATE	2,960	36	11840	609	-	500	1323	-	72	-	2	70	-
Gardens Ave.	N SIDE MENDOCINO DR.	S SIDE MENDOCINO DR.	944	37	3881	-	-	-	-	-	-	-	-	18.5	370
Garrett Dr.	E. SIDE ELM	W. SIDE STATE	333	34	1258	-	-	-	-	-	-	68	-	-	-
Hillview Ave.	W. SIDE GARDENS AVE.	E SIDE MENDOCINO DR.	820	37	3371	-	-	-	-	-	-	-	-	-	-
Hillview Ave.	E. SIDE MENDOCINO DR.	END	120	37	493	-	-	-	-	-	-	-	-	-	-
Homewood Dr.	S. SIDE EMPIRE	W. SIDE CAPPS LN	521	44	2547	482	-	-	-	-	-	-	-	-	-
Incline	N. SIDE EMPIRE	END	144	56	896	-	-	-	-	-	-	-	-	24	-
Irvington Dr.	S. SIDE EMPIRE	W. SIDE ELM	1,092	40	4853	-	-	-	-	-	-	-	-	20	-
Lockwood Dr.	S. SIDE EMPIRE	N. SIDE GARRETT	942	36	3768	-	-	-	-	-	-	-	-	25	-
Lockwood Dr.	S. SIDE GARRETT	N. SIDE ARLINGTON DR	740	35	2878	-	-	-	-	-	-	-	-	35	-
Mae	W. SIDE MAE	E. SIDE MAE	270	46	1380		-	-	-	-	-	-	-	-	-
Mendocino Dr.	W. SIDE S. SPRING ST.	END OF MARK ON STREET	2,040	36	8160										
McPeak St.	N. SIDE MENDOCINO DR.	S SIDE W. MILL ST.	248	28	772	-	-	-	-	-	-	-	-	14	-
Mulbery St.	S. OBSERVATORY	BEGINNING CREEKSIDE ST.	862	36	3448	-	-	-	-	-	-	-	-	-	-
N. PINE ST.	N. SIDE LOW GAP	S. SIDE ARLINGTON DR.	1,099	36	4396	200	-	-	445		-	-	-	40	-
Oak Park	N SIDE JONES ST	S. SIDE CLAY ST.	740	34	2796	-	-	-	-	-	80	-	-	-	-
Oak St.	N. SIDE MILL ST.	S. SIDE CLAY ST.	850	40	3778	110	-	-	540	-	240	-	-	20	-
Oak St.	S. SIDE MAGNOLIA	N. SIDE LOW GAP	770	32	2738	-	-	-	-	-	-	-	-	16	-
Rail Trail (TYPE I SLURRY)	S. SIDE CLARA	N. SIDE GOBBI	4,032	11	4928	-	-	-	-	-	-	-	-	-	-
Ranee Ln	N. SIDE BEACON LN.	END	348	28	1083	-	-	-	-	-	-	-	-	-	-
South St.	N. SIDE OBSERVATORY	S. SIDE LUCE	230	40	1022	-	-	-	-	-	-	-	-	40	-
South St.	N. SIDE LUCE	PROPERTY LIMITS	115	40	511	-	-	-	-	-	-	-	-	20	-
Stella Dr.	W SIDE S. ORCHARD	E SIDE WARREN DR.	870	36	3480	-	-	-	-	-	-	-	-	18	-
Walnut	E. SIDE DORA	W. SIDE N PINE	514	36	2,056	90	-	-	324	-	68	-	-	19	-
TOTAL			32,206	1,427	125,165	1,876	186	1,049	7,132	16,970	1,048	782	6	613	1,058

CONTRACTOR IS RESPONSIBLE FOR REPLACING EXISTING ADA HATCHED ACCESS AISLES NEAR ADA PARKING SPACES.

CITY OF UKIAH

SLURRY SEAL OF LOCAL STREETS

TABLES

SPECIFICATION NUMBER: 21-03

DRAWING NUMBER: 3 OF 3

S:\Public Works\PROJECTS\Public Works\2021\Spec No 21-03 Slurry Seal Local Streets

Please return to:

CITY OF UKIAH
300 Seminary Avenue
Ukiah, California 95482-5400
(707) 463-6200

NOTICE OF COMPLETION

NOTICE IS HEREBY GIVEN:

1. That the project described as: 2021 Slurry Seal of Local Streets, Specification No. 21-03.
2. That the nature of the title to the slurry seal, street striping and marking of various City streets.
3. That on the November 30th, 2021, the Contract work for this project was actually completed.
4. That the name and address of the Contractor is pavement Coatings Co. 2150 Bell Avenue Suite 125, Sacramento, CA 95383
5. That the real property herein referred to is situated in the County of Mendocino, State of California, and is described as follows: City-owned property identified as various streets within the City of Ukiah.

I hereby certify under penalty of perjury that the forgoing is true and correct:

City Council Approval CITY OF UKIAH, a Municipal Corporation

_____	By: _____	_____
Date	Kristine Lawler, City Clerk	Date

State of California

County of Mendocino

Exempt from recording fees pursuant to Government Code Section 27383



AGENDA SUMMARY REPORT

SUBJECT: Report of the Emergency Purchase of New Traffic Signal Control System at the Intersection of North State and Empire Drive/Ford Road from DC Electric Group in the Amount of \$30,395.00

DEPARTMENT: Public Works

PREPARED BY: Seth Strader, Buyer I

PRESENTER: Tim Eriksen, Public Works Director/City Engineer

ATTACHMENTS:

1. PO 47727

Summary: Council will receive a report of the emergency purchase of a new camera control system for the intersection at North State Street & Empire Drive/Ford Road in the amount of \$30,395.00.

Background: In spring 2020, DC Electric replaced the traffic signal control cabinets and installed GridSmart traffic control software at the intersection of North State and Empire Drive/Ford Road. Since the installation of GridSmart, staff have continuously had to perform resets of the software, as the signals have not functioned as they should, providing the smooth flow of traffic. DC Electric proposed replacing the GridSmart system with four Vantage NEXT video detection systems. These systems are used at the intersections of Standley and State and Perkins and State and have met the needs of traffic.

Discussion: In compliance with Section 1530 of the City Code, Staff is reporting the purchase of an emergency traffic signal control system from DC Electric in the amount of \$30,395.00. The Scope of Work for this project is included in Attachment 1.

Recommended Action: Receive report of the Emergency Purchase of New Traffic Signal Control System at the Intersection of North State and Empire Drive/Ford Road from DC Electric Group in the amount of \$30,395.00

BUDGET AMENDMENT REQUIRED: NO

CURRENT BUDGET AMOUNT: 10024214.52100: \$30,395.00

PROPOSED BUDGET AMOUNT: N/A

FINANCING SOURCE: N/A

PREVIOUS CONTRACT/PURCHASE ORDER NO.: 47727

COORDINATED WITH: Andrew Stricklin, Associate Engineer & Tim Eriksen, Director of Public Works

Approved: 
Sage Sangiacomo, City Manager



Purchase Order

ATTACHMENT 1

Fiscal Year 2022

Page 1 of 1

THIS NUMBER MUST APPEAR ON ALL INVOICES,
PACKAGES AND SHIPPING PAPERS.

Purchase
Order #

47727-01

Delivery must be made within
doors of specified destination.

B
I
L
L
T
O

CITY OF UKIAH
ATTN: ACCOUNTS PAYABLE
300 SEMINARY AVENUE
UKIAH, CA 95482

V
E
N
D
O
R

DC ELECTRIC GROUP INC
PO BOX 7525
COTATI CA 94931

S
H
I
P
T
O

CITY OF UKIAH - CIVIC CENTER
300 SEMINARY AVENUE
UKIAH CA 95482

Vendor Phone Number		Vendor Fax Number		Buyer		Date Ordered		Date Required	
				Mary Horger		02/15/2022			
Delivery Reference			Freight Method/Terms		Department/Location			Sales Tax Rate	
					PUBLIC WORKS DEPARTMENT			0.000	
Item#	Description/Part No.			Qty	UOM	Unit Price		Extended Price	
1	FOUR (4) CAMERA VIDEO DETECTION SYSTEM INSTALLATION AT N. STATE & EMPIRE DR/FORD ROAD, UKIAH, CA: -ESTABLISH TEMPORARY TRAFFIC CONTROL -FURNISH AND INSTALL A NEW FOUR (4) CAMERA VANTAGE NEXT VIDEO DETECTION SYSTEM AT THE SUBJECT INTERSECTION -FURNISH AND INSTALL THE NECESSARY CABLE THROUGH EXISTING CONDUITS AND MOUNT THE CAMERAS ON THE SIGNAL MAST ARM (SMA) ON 6-FT PELCO RISERS FOR EACH APPROACH, AS RECOMMENDED BY MANUFACTURER. -INSTALL ALL NECESSARY MOUNTING HARDWARE, CABINET COMPONENTS, AND PROGRAM THE CAMERAS FOR PROPER OPERATION (VEHICLES AND BICYCLISTS), INCLUDING ADVANCED DETECTION WHERE FEASIBLE.			29895.0	DOLL	\$1.000		\$29,895.00	
2	COST OF BOND REF REQ E39298 AS PER QUOTE DATED 2/14/2022 PREVAILING WAGE ADDENDUM APPLIES TO THIS ADDENDUM. MATERIAL & LABOR BOND ALSO REQUIRED. C01 MH 2/15/2022: ADDED LINE 2.			1.0	LOT	\$500.000		\$500.00	

CHANGE ORDER

By 
Purchasing Supervisor

VENDOR COPY

PO Total

Page 168 of 691
\$30,395.00

1. **GENERALLY.** These Terms and Conditions of Sale ("Terms and Conditions") apply to all purchases by City of Ukiah. (Referred to as "Buyer"). The supplier of goods and services under this transaction is herein referred to as "Seller". The goods or service purchased are referred to as the "Purchase."

2. **TERMS EXCLUSIVE.** Buyer will order the goods or services described herein only upon the terms and conditions contained herein. Seller's acceptance of this order shall occur either through commencement of performance under this order or acknowledgment of this order. By accepting this order, Seller waives all terms and conditions contained in its quotation, acknowledgment, invoice or other documents which are different from or additional to those contained herein and all such different or additional terms and conditions shall be null and void. **SELLER MAY NOT CHANGE MATERIAL OF MANUFACTURE, SOURCES OF SUPPLY, MANUFACTURING PROCESS OR LOCATION WITHOUT THE PRIOR WRITTEN CONSENT OF BUYER.**

3. **INSPECTION.** All goods shall be received subject to Buyer's inspection and rejection. Defective goods and goods otherwise not conforming to this order shall be held for Seller's instruction and at Seller's risk, and if Seller so directs, shall be returned at Seller's expense. No defective goods shall be replaced without a new purchase order. Payment by Buyer shall not be construed as an acceptance of goods. Buyer may return to Seller any non-defective, excess goods within thirty (30) days of receiving them.

4. **CHANGES.** City may make changes within the general scope of this order in drawings and specifications for specially manufactured supplies, place of delivery, method of shipment or packing of the order by giving notice to Seller and subsequently confirming such changes in writing. If such changes affect the cost of or the time required for performance of this order, an equitable adjustment in the price or delivery or both must be made. No change by Seller is allowed without City's written approval. Any claim by Seller for an adjustment under this section must be made in writing within thirty (30) days from the date of receipt by Seller of notification of such change unless City waives this condition in writing. Nothing in this section excuses Seller from proceeding with performance of the order as changed.

5. **TERMINATION.** City may terminate this order at any time, either verbally or in writing, with or without cause. Should termination occur, City will pay Seller as full performance until such termination the unit or pro rata order price for the performed and accepted portion of the Purchase. City may provide written notice of termination for Seller's default if Seller refuses or fails to comply with this order. If Seller does not cure such failure within a reasonable time period, or fails to perform the Purchase within the time specified (or allowed by extension), Seller will be liable to City for any excess costs incurred by City.

6. **TIME EXTENSION.** Time is of the essence City may extend the time for completion if, in City's sole determination, Seller was delayed because of causes beyond Seller's control and without Seller's fault or negligence. In the event delay was caused by City, Seller's sole remedy is limited to recovering money actually and necessarily expended by Seller because of the delay; there is no right to recover anticipated profit.

7. **REMEDIES CUMULATIVE.** City's rights and remedies under this order are not exclusive and are in addition to any rights and remedies provided by law.

8. **TITLE.** Title to materials and supplies purchased under this order pass directly from Seller to City upon City's written acceptance following an actual inspection and City's opportunity to reject.

9. **PAYMENT.** City will pay Seller after receiving acceptable invoices for materials and supplies delivered and accepted or services rendered and accepted. City will not pay cartage, shipping, packaging or boxing expenses unless specified in this order.

10. **INDEMNIFICATION.** Seller agrees to indemnify and hold harmless from and against any claim, action, damages, costs (including, without limitation, attorney's fees), injuries, or liability, arising out of the Purchase or the order, or their performance. Should City be named in any suit, or should any claim be brought against it by suit or otherwise, whether the same be groundless or not, arising out of the Purchase or order, or their performance, Seller will defend City (at City's request and with counsel satisfactory to City) and indemnify City for any judgment rendered against it or any sums paid out in settlement or otherwise. For purposes of this section "City" includes City's officers, elected officials, and employees. This paragraph 9 will survive termination of this order. The requirements as to the types and limits of insurance coverage to be maintained by Seller, and any approval of such insurance by City, are not intended to and will not in any manner limit or qualify the liabilities and obligations otherwise assumed by Seller pursuant to this order, including, without limitation, to the provisions concerning indemnification.

11. **WARRANTY.** Seller agrees that the Purchase is covered by the most favorable commercial warranties the Seller gives to any customer for the same or substantially similar supplies or services, or such other more favorable warranties as is specified in this order. Warranties will be effective notwithstanding any inspection or acceptance of the Purchase by City.

12. **ASSIGNMENT.** City may assign this order. Except as to any payment due under this order, Seller may not assign or subcontract the order without City's written approval. Should City give consent, it will not relieve Seller from any obligations under this order and any transferee or subcontractor will be considered Seller's agent.

13. **INSURANCE.** Seller must provide the insurance indicated on the face sheet of this order.

14. **PERMITS.** Seller must procure all necessary permits and licenses, and abide by all federal, state, and local laws, for performing this order.

15. **INDEPENDENT CONTRACTOR.** City and Seller agree that Seller will act as an independent contractor and will have control of all work and the manner in which it is performed. Seller will be free to contract for similar service to be performed for other employers while under contract with City. Seller is not an agent or employee of City and is not entitled to participate in any pension plan, insurance, bonus or similar benefits City provides for its employees. Any provision in this order that may appear to give City the right to direct Seller as to the details of doing the work or to exercise a measure of control over the work means the Seller will follow the direction of the City as to end results of the work only.

16. **WAIVER.** City's review or acceptance of, or payment for, work product prepared by Seller under this order will not be construed to operate as a waiver of any rights City may have under this Agreement or of any cause of action arising from Seller's performance. A waiver by City of any breach of any term, covenant, or condition contained in this order will not be deemed to be a waiver of any subsequent breach of the same or any other term, covenant, or condition contained in this order, whether of the same or different character.

17. **INTERPRETATION.** This Agreement was drafted in, and will be construed in accordance with the laws of the State of California, and exclusive venue for any action involving this agreement will be in Mendocino County.



AGENDA SUMMARY REPORT

SUBJECT: Approval of Contract Amendment with Ukiah Waste Solutions for Biosolids Removal at the Wastewater Treatment Plant

DEPARTMENT: Public Works

PREPARED BY: Seth Strader, Buyer I

PRESENTER: Sean White, Water Resources Director.

ATTACHMENTS:

1. Original Agreement
2. Amendment 1-4
3. Amendment 5

Summary: Council will consider approving a contract amendment with Ukiah Waste Solutions for Biosolids Removal at the Wastewater Treatment Plant.

Background: The City of Ukiah's Wastewater Treatment plants treats and processes approximately 1,700 tons of biosolids annually. Biosolids produced at the Wastewater Treatment Plant are treated to meet Class "B" requirements per EPA 40 CFR, 503.

Biosolids are dewatered on a belt filter press with solids content 18% or greater. The biosolid hauling services consist of leaving a trailer or drop box at the treatment plant to allow loading at staff's convenience. When the container is full, the contractor is called to remove and route the biosolids for an accepting, pre-approved disposal site.

Discussion: On December 16, 2015, Council approved a two-year contract with Ukiah Waste Solutions for the removal of biosolids. Please see Attachment 1 for a copy of the contract. On December 20, 2017, Council approved Amendment 1, extending the agreement for another year and increasing the cost from \$48.00 to \$50.00 per ton. Council has reviewed and approved several other annual renewals. See Attachment 2 for a copy of these Amendments.

Staff is requesting approval to amend the existing contract for one additional year, increasing the cost from \$56.00 per ton to \$59.00 per ton. Please see Attachment 3 for a copy of the proposed Amendment 5.

Recommended Action: Approve contract amendment with Ukiah Waste Solutions for Biosolids Removal at the Wastewater Treatment Plant.

BUDGET AMENDMENT REQUIRED: NO

CURRENT BUDGET AMOUNT: 840247225.52100: \$70,984.84

PROPOSED BUDGET AMOUNT: N/A

FINANCING SOURCE: N/A

PREVIOUS CONTRACT/PURCHASE ORDER NO.: Contract 1516-143

COORDINATED WITH: Tim Eriksen, Director of Public Works

Approved: 
Sage Sangiacomo, City Manager

ATTACHMENT 1

CONTRACTContract number must appear on all
invoices**CITY OF UKIAH**

SUBMIT DUPLICATE INVOICES
TO: ACCOUNTS PAYABLE
300 SEMINARY AVENUE
UKIAH, CA 95482
ACCTS. PAYABLE: (707) 483-6230
PURCH. DEPT: (707) 483-6233
PURCH. FAX: (707) 483-6234

CONTRACT NO. 1516143

PAGE 1 OF 1

DATE: 12/30/15

VENDOR:

UKIAH WASTE SOLUTIONS
PO Box 60
Ukiah, CA 95482

SHIP TO:

CITY OF UKIAH - WWTP
300 Plant Road
Ukiah, CA 95482

FOB: Ukiah

ACCOUNT	ITEM	QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
	1	3200 Tons (Approximate)	BIOSOLID CONTRACT - 2 YEAR CONTRACT UNIT PRICE CONTRACT INVOICING WILL BE BASED ON ACTUALS. TERM: 1/1/2016 THROUGH 12/31/2017. Approved by City Council: 12/16/15 As per Bid Opening: 12/10/15	\$ 48.00	
				SUBTOTAL	0.00
				TAX:	
				TOTAL:	\$0.00

Attachments listed below are included as part of the contract.

No other terms and conditions will be accepted unless agreed to and signed by both parties

Attachments: Terms & Conditions
BID DOCS

APPROVED BY:

 MARY HORGER, PURCHASING SUPERVISOR

12/30/15

DATE

ACCEPTED BY:

 BRUCE MCCRACKEN, V.P., UKIAH WASTE SOLUTIONS

12/30/15

DATE

VENDOR'S COPY

1. **GENERALLY.** These Terms and Conditions of Sale ("Terms and Conditions") apply to all purchases by City of Ukiah. (Referred to as "Buyer"). The supplier of goods and services under this transaction is herein referred to as "Seller." The goods or service purchased are referred to as the "Purchase."

2. **TERMS EXCLUSIVE.** Buyer will order the goods or services described herein only upon the terms and conditions contained herein. Seller's acceptance of this order shall occur either through commencement of performance under this order or acknowledgment of this order. By accepting this order, Seller waives all terms and conditions contained in its quotation, acknowledgment, invoice or other documents which are different from or additional to those contained herein and all such different or additional terms and conditions shall be null and void. **SELLER MAY NOT CHANGE MATERIAL OF MANUFACTURE, SOURCES OF SUPPLY, MANUFACTURING PROCESS OR LOCATION WITHOUT THE PRIOR WRITTEN CONSENT OF BUYER.**

3. **INSPECTION.** All goods shall be received subject to Buyer's inspection and rejection. Defective goods and goods otherwise not conforming to this order shall be held for Seller's instruction and at Seller's risk, and if Seller so directs, shall be returned at Seller's expense. No defective goods shall be replaced without a new purchase order. Payment by Buyer shall not be construed as an acceptance of goods. Buyer may return to Seller any non-defective, excess goods within thirty (30) days of receiving them.

4. **CHANGES.** City may make changes within the general scope of this order in drawings and specifications for specially manufactured supplies, place of delivery, method of shipment or packing of the order by giving notice to Seller and subsequently confirming such changes in writing. If such changes affect the cost of or the time required for performance of this order, an equitable adjustment in the price or delivery or both must be made. No change by Seller is allowed without City's written approval. Any claim by Seller for an adjustment under this section must be made in writing within thirty (30) days from the date of receipt by Seller of notification of such change unless City waives this condition in writing. Nothing in this section excuses Seller from proceeding with performance of the order as changed.

5. **TERMINATION.** City may terminate this order at any time, either verbally or in writing, with or without cause. Should termination occur, City will pay Seller as full performance until such termination the unit or pro rata order price for the performed and accepted portion of the Purchase. City may provide written notice of termination for Seller's default if Seller refuses or fails to comply with this order. If Seller does not cure such failure within a reasonable time period, or fails to perform the Purchase within the time specified (or allowed by extension), Seller will be liable to City for any excess costs incurred by City.

6. **TIME EXTENSION.** Time is of the essence City may extend the time for completion if, in City's sole determination, Seller was delayed because of causes beyond Seller's control and without Seller's fault or negligence. In the event delay was caused by City, Seller's sole remedy is limited to recovering money actually and necessarily expended by Seller because of the delay; there is no right to recover anticipated profit.

7. **REMEDIES CUMULATIVE.** City's rights and remedies under this order are not exclusive and are in addition to any rights and remedies provided by law.

8. **TITLE.** Title to materials and supplies purchased under this order pass directly from Seller to City upon City's written acceptance following an actual inspection and City's opportunity to reject.

9. **PAYMENT.** City will pay Seller after receiving acceptable invoices for materials and supplies delivered and accepted or services rendered and accepted. City will not pay cartage, shipping, packaging or boxing expenses unless specified in this order.

10. **INDEMNIFICATION.** Seller agrees to indemnify and hold harmless from and against any claim, action, damages, costs (including, without limitation, attorney's fees), injuries, or liability, arising out of the Purchase or the order, or their performance. Should City be named in any suit, or should any claim be brought against it by suit or otherwise, whether the same be groundless or not, arising out of the Purchase or order, or their performance, Seller will defend City (at City's request and with counsel satisfactory to City) and indemnify City for any judgment rendered against it or any sums paid out in settlement or otherwise. For purposes of this section "City" includes City's officers, elected officials, and employees. This paragraph 9 will survive termination of this order. The requirements as to the types and limits of insurance coverage to be maintained by Seller, and any approval of such insurance by City, are not intended to and will not in any manner limit or qualify the liabilities and obligations otherwise assumed by Seller pursuant to this order, including, without limitation, to the provisions concerning indemnification.

11. **WARRANTY.** Seller agrees that the Purchase is covered by the most favorable commercial warranties the Seller gives to any customer for the same or substantially similar supplies or services, or such other more favorable warranties as is specified in this order. Warranties will be effective notwithstanding any inspection or acceptance of the Purchase by City.

12. **ASSIGNMENT.** City may assign this order. Except as to any payment due under this order, Seller may not assign or subcontract the order without City's written approval. Should City give consent, it will not relieve Seller from any obligations under this order and any transferee or subcontractor will be considered Seller's agent.

13. **INSURANCE.** Seller must provide the insurance indicated on the face sheet of this order.

14. **PERMITS.** Seller must procure all necessary permits and licenses, and abide by all federal, state, and local laws, for performing this order.

15. **INDEPENDENT CONTRACTOR.** City and Seller agree that Seller will act as an independent contractor and will have control of all work and the manner in which it is performed. Seller will be free to contract for similar service to be performed for other employers while under contract with City. Seller is not an agent or employee of City and is not entitled to participate in any pension plan, insurance, bonus or similar benefits City provides for its employees. Any provision in this order that may appear to give City the right to direct Seller as to the details of doing the work or to exercise a measure of control over the work means the Seller will follow the direction of the City as to end results of the work only.

16. **WAIVER.** City's review or acceptance of, or payment for, work product prepared by Seller under this order will not be construed to operate as a waiver of any rights City may have under this Agreement or of any cause of action arising from Seller's performance. A waiver by City of any breach of any term, covenant, or condition contained in this order will not be deemed to be a waiver of any subsequent breach of the same or any other term, covenant, or condition contained in this order, whether of the same or different character.

17. **INTERPRETATION.** This Agreement was drafted in, and will be construed in accordance with the laws of the State of California, and exclusive venue for any action involving this agreement will be in Mendocino County.

REQUEST FOR BID

BIOSOLIDS REMOVAL
CITY OF UKIAH WASTEWATER TREATMENT FACILITY
December 2015

The City of Ukiah invites bids to furnish all labor, equipment, transportation and services necessary for the pick-up and disposal of class "B" Biosolids produced and stored at the City of Ukiah Wastewater Treatment facility located at 300 Plant Road, Ukiah, CA 95482.

Bids will be received until 5:00 p.m. on December 10, 2015 at the office of the Purchasing Supervisor, Mary Horger, 411 West Clay Street, Ukiah, CA 95482. Phone: (707) 463-6233.

BIDS MUST BE SIGNED. Bids may be faxed, mailed, emailed, or hand delivered. Fax number to send to: (707) 313-3621. Email address to send to: mhorger@cityofukiah.com

Quantities shown are approximate and in no way obligate the City of Ukiah to provide the full amount specified. Bidder guarantees unit price if fewer units are provided.

INSTRUCTIONS TO BIDDERS

In determining and evaluating the best bid, the prices will not necessarily be controlling element; methods of disposal, efficiency, the type and frequency of Laboratory Analyses required by disposal sites, experience with the transportation and handling of Biosolids, general terms, delivery, suitability of the service offered, and the reputation of the service in general use will also be considered with any other relevant factors. Contractors shall be required to provide the information requested under Work Performance History Capability. This information will be a critical part of the bid evaluation and award. Failure to provide this information may be sufficient reason to declare the bid non-responsive.

INSURANCE

Contractor shall submit to the City, for approval, within ten (10) days from notice of contract award, all Certificates of Insurance evidencing the required coverage as described under insurance requirements. (2 pages attached.)

It is highly recommended that contractors confer with their respective insurance carriers or brokers the availability of insurance certificates and endorsements as prescribed and provided herein. If an awarded contractor fails to comply with the insurance requirements, that contractor may be disqualified from contract. If you have questions regarding the City's requirements, please contact the City's Risk Manager at 707-463-6287.

LICENSE REQUIREMENTS

Bidder/Contractor must possess City of Ukiah business license. For information contact Kathy Norris at 707-463-6202, Finance Department. Bidder shall provide proof of possession of the proper licenses and certificates of registration necessary to perform the work. Employees actually performing the tasks shall provide proof of proper certificates of registration for same. Where subcontractors are used, bidder shall provide the City with proof of proper licenses, certificates and proof of insurance for work performed.

The following requirements shall be included as a part of every bid:

1) COMPLIANCE WITH LAWS & REGULATIONS: All equipment, transportation and disposal services furnished pursuant to these specifications shall be in compliance with the laws and regulations of the State of California, Department of Transportation, U.S. EPA and OSHA. The contractor shall, if requested by the City, supply certification and evidence of such compliance.

2) LEGAL REQUIREMENTS & PERMITS: The contractor agrees to fully comply with all local, City, State and Federal laws, regulations and ordinances governing performance of contractual services required hereunder, and it will be the responsibility of the contractor to obtain any and all necessary licenses, permits and/or clearances. Any costs incurred by the contractor to obtain these licenses, permits or clearances, including the actual cost of licenses, permits or clearances are the responsibility of the contractor.

SPECIFICATIONS:

Biosolids produced at the Treatment Facility, are treated to meet Class "B" requirements per EPA 40 CFR, 503. Biosolids are dewatered on a Belt Filter Press with a solids content ranging from 23 to 26 percent.

- Requires trailer or drop box to be left at Treatment Plant to allow loading at Staff's convenience.
- Trailer or drop box to be picked up with 72 hours of notification. (Weekends and holidays excluded.)
- Requires year round disposal.
- All prices quoted at a Per/Ton rate.
- All disposals of Biosolids shall be in a manner in which the City of Ukiah will receive recycling credit, i.e. beneficial use, land application, composting, reforestation, alternative daily cover and cap.
- Bidder must declare the methods and disposal sites to be used at time of bid.
- Bidder to supply route maps to disposal sites for approval prior to award of bid. These disposal sites and routes may not be changed during the time the contract is in force unless mutually agreed upon by both parties. (Driver on an emergency basis may vary routes.)
- Bidder shall provide monthly reports showing tonnage and disposal sites, plus an annual report showing all information as required by U.S. EPA for class "B" Biosolids.
- Bidder shall use best management practices for transportation and disposal of Biosolids, i.e. cover loads when applicable, dust control measures, safe handling practices.
- For beneficial use, the Contractor(s) are required to comply with USEPA 40CFR part 503 standards. The Contractor shall be required to provide all associated approved Federal, State, and Local regulatory permits for all hauling, processing, and beneficial use activities identified in the scope of work. Permits shall accommodate the hauling of all biosolids quantities specified herein, throughout the entire term of the contract. All costs associated with obtaining the required permits and related testing, monitoring, and record keeping, shall be borne by the contractor and shall be considered part of the proposed compensation for services.
- During the course of this contract, the Contractor shall be aware and in compliance with existing, revised, and new Federal, State, and Local rules and regulations covering its activities in connection with this work. Changes in regulations or practices necessitated by any revision in rules and regulations shall be brought to the attention of the City sufficiently in advance of their implementation. Changes in regulations shall not constitute justification for contract amendments, additional compensation, or relaxation of the responsibility of the Contractor to provide the required services.
- All necessary permits for each beneficial use and landfill site shall indicate that such sites can receive dewatered biosolids with a solids content of 18% or greater must be obtained and submitted to the City as part of the bid documents. The Contractor must obtain City approval, in writing, to haul to the proposed site for which the required documentation has been submitted.
- City personnel shall be permitted to inspect the Contractor's beneficial use and landfill site(s), at any time and without prior notification to the Contractor.
- During the course of this contract the Contractor shall at all times have sufficient capacity (including land and/or processing facilities) for handling and disposing of up to nine hundred (1800) wet tons per year.

While the City makes no guarantees of quantities available for disposal, for estimating purposes the amount of daily production of biosolids is approximately 133 tons per month.

BIOSOLIDS REMOVAL PROPOSAL

In the event of a discrepancy in figures on the proposal form, the unit price (in tonnage) shall prevail for calculations made to obtain total prices.

Contract will be awarded to the overall lowest bidder.

ONE YEAR PRICING	Estimated Yearly Quantity	Per Ton Unit Price
Biosolids Daily Production	1600 Tons	\$ 48 ⁰⁰

TWO YEAR PRICING	Estimated Yearly Quantity	Per Ton Unit Price
Biosolids Daily Production	1600 Tons	\$ 48 ⁰⁰

The City will decide on going with either one year or two year pricing at time of award. Those firms wishing to respond must provide bid(s) based upon the terms and conditions as provided by the City of Ukiah. Bids must be signed by an authorized member of the firm to be considered as a valid bid.

The City of Ukiah reserves the right to accept or reject any or all bids and waive any irregularities. In case of default, the City of Ukiah may procure the items quoted on from other sources and hold the original bidder liable for any increased costs. In submitting the above, the bidder agrees that acceptance of any or all quotations by the City of Ukiah within 30 days constitute a contract.

Contractor agrees to accept all responsibility for loss or damage to any person or entity, and to defend, indemnify, hold harmless and release the City, its officers, agents and employees, from and against any and all actions, claims, damages, disabilities, or costs of litigation that may be asserted by any person or entity, arising out of or in connection with the negligent or willful misconduct in the performance by contractor hereunder, whether or not there is concurrent, passive or active negligence on the part of the City, but excluding liability due to the sole active negligence or willful misconduct of the City. This indemnification obligation is not limited in any way by any limitation on the amount or type of damages or compensation payable to or for Contractor or its agents under Workmen's Compensation acts, disability benefits acts or other employee's benefits acts.

Contractor shall be liable to the City for any loss or damage to City property arising from or in connection with Contractor performance hereunder. The undersigned acknowledges that this document, together with the Contractor's Proposal, the resulting purchase order issued by the City, the insurance requirements for contractors, and the Contractor Statement Regarding insurance coverage comprise a written agreement between the Contractor and the City binding on both parties.

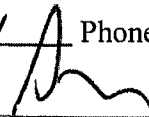
Signed and accepted by, (check one)

☐ Individual Owner ☐ Partnership ☒ Corporation ☐ Other

Legal Name of Contractor Ukiah Waste Solutions, Inc.

Address of Contractor P.O. Box 60 Ukiah, CA 95482

Tax ID# 26-0295144 Phone #: 707-234-6400 Fax #: 707-234-6404

By:  Date 12/8/2015

Signature
Print or Type Name: Bruce McCracken V.P.
Title

REQUIRED DATAWORK PERFORMANCE

HISTORY AND CAPABILITY: Contractors shall provide the name, locations and a narrative statement on the work performed for minimum of two (2) contracts during the past five (5) years. A short resume on the general history and experience of the contractor's organization shall be provided.

WORKPERFORMED

- | | | |
|------------------|--|---|
| 1. COMPANY NAME: | <u>Ukiah Wastewater Treatment Facility</u> | <u>Grit Hauling, Screenings Hauling</u> |
| CONTACT: | <u>Tim Erickson</u> | <u>Biosolids Hauling</u> |
| ADDRESS: | <u>300 Plant Road</u> | |
| | <u>Ukiah, CA 95482</u> | |
| PHONE: | <u>707-463-6280</u> | |
| 2. COMPANY NAME: | <u>Susanville Consolidated Sanitary District</u> | <u>Biosolids Hauling</u> |
| CONTACT: | <u>Randy Ohern</u> | |
| ADDRESS: | <u>45 S. Roop Street</u> | |
| | <u>Susanville, CA 96130</u> | |
| PHONE: | <u>530-310-3864</u> | |
| 3. COMPANY NAME: | <u>Highlands Water</u> | <u>Screenings Hauling</u> |
| CONTACT: | <u>Chrissy Russell</u> | |
| ADDRESS: | <u>14774 Hillcrest Ave.</u> | |
| | <u>Clearlake, CA 95422</u> | |
| PHONE: | <u>707-994-2393</u> | |
| 4. COMPANY NAME: | <u>California Water Service</u> | <u>Screenings Hauling</u> |
| CONTACT: | <u>Clay</u> | |
| ADDRESS: | <u>6125 Hwy 20</u> | |
| | <u>Lucerne, CA 95458</u> | |
| PHONE: | <u>707-274-6624</u> | |

CONTRACTOR STATEMENT
REGARDING INSURANCE COVERAGE
(To be submitted with bid.)

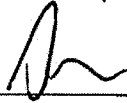
CONTRACTOR HEREBY CERTIFIES that he/she has reviewed and understands the insurance coverage requirements specified in the Request for Proposal for:

BIOSOLIDS REMOVAL

Should we/I be awarded the contract, we/I certify that we/I can meet the specified requirements for insurance, including insurance coverage of the subcontractors, and agree to name the **City of Ukiah as Additional Insured** for the work specified. And we/I will comply with the provisions of Section 3700 of the Labor Code, which require every employer to be insured against liability for worker's compensation or to undertake self-insurance in accordance with the provisions of that code, before commencing the performance of the work specified.

Ukiah Waste Solutions, Inc.

Please Print (Person, Firm, or Corporation)



Signature of Authorized Representative

Bruce McCracken Vice-President

Please Print (Name & Title of Authorized Representative)

12/8/2015

Date

707-234-6400

Phone Number



Already on file with
City.

INSURANCE REQUIREMENTS FOR CONTRACTORS

Contractor shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Contractor, his agents, representatives, employees or subcontractors.

I. Minimum Scope of Insurance

Coverage shall be at least as broad as:

- A. Insurance Services Office Commercial **General Liability coverage** (Form No. CG 20 10 10 01 and Commercial General Liability – Completed Operations Form No. CG 20 37 10 01).
- B. Insurance Services Office form number CA 0001 (Ed. 1/87) covering **Automobile Liability**, code 1 (any auto).
- C. **Worker's Compensation** insurance as required by the State of California and Employer's Liability Insurance.

II. Minimum Limits of Insurance

Contractor shall maintain limits no less than:

- A. General Liability: \$1,000,000 per occurrence for bodily injury, personal injury and property damage **including operations, products and completed operations.** If Commercial General Liability Insurance or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit. Insurance must be written on an occurrence basis.
- B. Automobile Liability: \$1,000,000 per accident for bodily injury and property damage. Insurance must be written on an occurrence basis.
- C. Worker's Compensation Employer's Liability: \$1,000,000 per accident for bodily injury or disease.

III. Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions must be declared to and approved by the City. The City may require the insurer to reduce or eliminate such deductibles or self-insured retentions with respect to the City, its officers, officials, employees and volunteers; or the Contractor to provide a financial guarantee satisfactory to the City guaranteeing payment of losses and related investigations, claim administration and defense expenses; or to approve the deductible without a guarantee.

IV. REQUIRED Insurance Provisions

Proof of **general liability and automobile liability** policies are to contain, or **be endorsed** to contain, the following provisions:

A. The City, its officers, officials, employees, and volunteers are to be covered as **ADDITIONAL INSURED** with respect to liability arising out of automobiles owned, leased, hired or borrowed by or on behalf of the contractor; and with respect to liability arising out of work or operations performed by or on behalf of the Contractor including materials, parts or equipment, furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to the Contractor's insurance, or as a separate owner's policy.

B. **The workers' compensation policy is to be endorsed with a waiver of subrogation.** The insurance company, in its endorsement, agrees to waive all rights of subrogation against the City, its officers, officials, employees and volunteers for losses paid under the terms of this policy which arises from the work performed by the named insured for the City. NOTE: You cannot be added as an additional insured on a workers' compensation policy.

C. For any claims related to this project, the Contractor's insurance coverage shall be **primary insurance** with respect to the City, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by the City, its officers, officials, employees, or volunteers shall be in excess of the Contractor's insurance and shall not contribute with it.

D. Each insurance policy required by this clause shall be endorsed to state that coverage shall **not be canceled** by either party, except after thirty (30) days' prior written notice by certified mail, return receipt requested, has been given to the City.

E. **Note: (This protects the Contractor)** -Coverage shall not extend to any indemnity coverage for the active negligence of the additional insured in any case where an agreement to indemnify the additional insured would be invalid under Subdivision (b) of Section 2782 of Civil Code.

V. **RATING - Acceptability of Insurers**

Insurance is to be placed with admitted California insurers with a current A.M. Best's rating of no less than A- for financial strength, AA for long-term credit rating and AMB-1 for short-term credit rating.

VI. **Verification of Coverage**

Contractor shall furnish the City with original certificates and amendatory endorsements affecting coverage required by this clause. The endorsements should be on **forms provided by the City**. If endorsements are on forms other than the City's forms, those endorsements or policies must provide coverage that is equivalent to or better than the forms requested by the City. All certificates and endorsements are to be received and approved by the City before work commences. The City reserves the right to require complete, certified copies of all required insurance policies, including endorsements affecting the coverage required by these specifications at any time.

VII. **Subcontractors**

Contractor shall include all subcontractors as insured under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverage for subcontractors shall be subject to all of the requirements stated herein.

If you have questions regarding our insurance requirements contact:

**Risk Manager
(707) 463-6287 FAX (707) 463-6204**

CON NO 1516-143-A1

ATTACHMENT 2

CITY OF UKIAH
AMENDMENT NO. 1
TO
CONTRACT #1516143
BETWEEN
UKIAH WASTE SOLUTIONS and THE CITY OF UKIAH

This Amendment No. 1 entered on December 28, 2017, revises the Contract for Biosolid Removal dated December 30, 2015, between the City of Ukiah and Ukiah Waste Solutions, as follows.

1. Contract price: Unit price will be revised from \$48.00 per ton to \$50.00 per ton.
2. Contract Term: Contract term has been extended to December 31, 2018

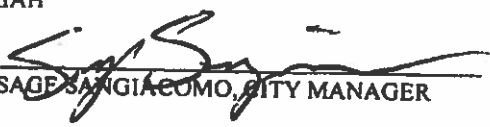
Except as expressly amended by this Amendment, all other terms remain unchanged and in full force and effect.

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS AMENDMENT ON THE EFFECTIVE DATE:

UKIAH WASTE SOLUTIONS

BY: DATE: 1/5/2018PRINT NAME: BRUCE McCLACKEN

CITY OF UKIAH

BY: 
SAGE SANGIACOMO, CITY MANAGERDATE: 1-19-18

ATTEST

BY: 
KRISTINE LAWLER, CITY CLERKDATE: 1-19-18

CITY OF UKIAH
AMENDMENT NO. 2
TO
CONTRACT #1516143
BETWEEN
UKIAH WASTE SOLUTIONS and THE CITY OF UKIAH

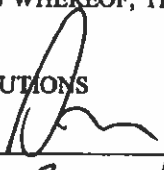
This Amendment No. 2 entered on December 28, 2018, revises the Contract for Biosolid Removal dated December 30, 2015, between the City of Ukiah and Ukiah Waste Solutions, as follows.

1. Contract price: Unit price will be revised from \$50.00 per ton to \$52.00 per ton.
2. Contract Term: Contract term has been extended to December 31, 2019

Except as expressly amended by this Amendment, all other terms remain unchanged and in full force and effect.

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS AMENDMENT ON THE EFFECTIVE DATE:

UKIAH WASTE SOLUTIONS

BY: 

DATE: 3/8/2019

PRINT NAME: BRUCE MCCrackEN

CITY OF UKIAH

BY: 

DATE: 4-22-19

SAGE S. GIACOMO, CITY MANAGER

ATTEST

BY: 

DATE: 4-22-19

KRISTINE LAWLER, CITY CLERK

CITY OF UKIAH
AMENDMENT NO. 3
TO
CONTRACT 1516143
BETWEEN
UKIAH WASTE SOLUTIONS and THE CITY OF UKIAH

This Amendment No. 3, entered on December 12, 2019, revises the Contract for Biosolid Removal dated March 30, 2015 between the City of Ukiah and Ukiah Waste Solutions, as follows.

1. Contract price: Unit price will be revised from \$52.00 per ton to \$54.00 per ton.
2. Contract Term: Contract term has been extended to December 31, 2020.

Except as expressly amended by this Amendment, all other terms remain unchanged and in full force and effect.

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS AMENDMENT ON THE EFFECTIVE DATE:

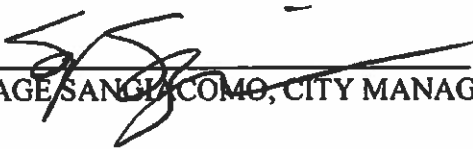
UKIAH WASTE SOLUTIONS

BY: 

DATE: 1/2/2020

PRINT NAME: BRUCE MCCrackEN

CITY OF UKIAH

BY: 
SAGE SANCHEZ-COMA, CITY MANAGER

DATE: 1-6-2020

ATTEST.

BY: 
KRISTINE LAWLER, CITY CLERK

DATE: 1-6-2020

CITY OF UKIAH
AMENDMENT NO. 4
TO
CONTRACT 1516143
BETWEEN
UKIAH WASTE SOLUTIONS and THE CITY OF UKIAH

This Amendment No. 4, entered on February 17, 2021, revises the Contract for Biosolid removal dated March 30, 2015 between the City of Ukiah and Ukiah Waste Solutions, as follows.

1. Contract price: Unit price will be revised from \$54.00 per ton to \$56.00 per ton.
2. Contract Term: Contract term has been extended to December 31, 2021.

Except as expressly amended by this Amendment, all other terms remain unchanged and in full force and effect.

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS AMENDMENT ON THE EFFECTIVE DATE:

UKIAH WASTE SOLUTIONS

BY:  _____

DATE: 3/8/2021

PRINT NAME: Bruce McCracken

CITY OF UKIAH

BY:  _____
SAGE SANGIACOMO, CITY MANAGER

DATE: Apr 6, 2021

ATTEST

BY: Kristine Lawler
Kristine Lawler (Apr 7, 2021 11:33 PDT)
KRISTINE LAWLER, CITY CLERK

DATE: Apr 7, 2021

CITY OF UKIAH
AMENDMENT NO. 5
TO
CONTRACT 1516143
BETWEEN
UKIAH WASTE SOLUTIONS and THE CITY OF UKIAH

This Amendment No. 5 entered on February 16th, 2022, revises the Contract for Biosolid removal dated March 30, 2015 between the City of Ukiah and Ukiah Waste Solutions, as follows.

1. Contract price: Unit price will be revised from 56.00 per ton to \$59.00 per ton.
2. Contract Term: Contract term has been extended to December 31, 2022.

Except as expressly amended by this Amendment, all other terms remain unchanged and in full force and effect.

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS AMENDMENT ON THE EFFECTIVE DATE:

UKIAH WASTE SOLUTIONS

BY: _____

DATE: _____

PRINT NAME: _____

CITY OF UKIAH

BY: _____
 SAGE SANGIACOMO, CITY MANAGER

DATE: _____

ATTEST

BY: _____
 KRISTINE LAWLER, CITY CLERK

DATE: _____



AGENDA SUMMARY REPORT

SUBJECT: Approve a Budget Amendment to the Engineering Fund for the Expenses Related to Preliminary Engineering of the Local Roadway Safety Plan (LRSP) Using General Funds.

DEPARTMENT: Public Works

PREPARED BY: Seth Strader, Buyer I

PRESENTER: Tim Eriksen, Public Works Direction/City Engineer

ATTACHMENTS:

1. Mendocino Council of Governments (MCOG) 2021-10-27
2. 5049028 PSA

Summary: Council will consider approving a budget amendment to the Engineering Fund for expenses related to preliminary engineering of the Local Roadway Safety Plan.

Background: On December 16, 2020, City Council authorized the City Manager to apply for and execute funding opportunities from the California Department of Transportation. Funding was secured and approved by the Department of Transportation and an agreement was completed. (Attachment 1). This funding will be used for the preliminary engineering (Safety Analysis) of the Local Roadway Safety Plan (LRSP-5049(028)) and paid to the Mendocino County of Governments (MCOG) for costs incurred from consultant work.

A Local Road Safety Plan (LRSP) can be a means for providing local and rural road owners with an opportunity to address unique highway safety needs in their jurisdictions while contributing to the success of the SHSP. An LRSP provides a framework for organizing stakeholders to identify, analyze, and prioritize roadway safety improvements on local roads. In the future HSIP Calls-for-Projects, an LRSP will be preferred or required for an agency to be eligible to apply for federal HSIP funds. The City of Ukiah has used these funds for projects such as the Downtown Streetscape.

Discussion: MCOG has begun billing for work performed by the consultant for work related to the development of the LRSP. The City is responsible for the payment of invoices from MCOG to the contractor while simultaneously filing for reimbursement for those expenses through CalTrans. A budget amendment is necessary to cover the costs of the consultant while the project is in active design phase. By the time the contracted work is completed, the City will have paid \$8,000.00 to MCOG for design work while being reimbursed by CalTrans in the amount of \$72,000.00. (Attachment 2)

Recommended Action: Approve a budget amendment to the Engineering Fund for the expenses related to Preliminary Engineering of the Local Roadway Safety Plan (LRSP) using General Funds.

BUDGET AMENDMENT REQUIRED: YES

CURRENT BUDGET AMOUNT: 10024210.43209.18314: \$0; 100242103.52100.18314: \$0

PROPOSED BUDGET AMOUNT: 10024210.43209.18314: \$72,000 10024210352100.18314: \$80,000.00

FINANCING SOURCE: General Fund: \$8,000; MCOG Reimbursement: \$72,000

PREVIOUS CONTRACT/PURCHASE ORDER NO.: Contract 2122-151

COORDINATED WITH: Jason Benson, Senior Engineer & Tim Eriksen, Director of Public Works

Approved: 
Sage Sangiacomo, City Manager

SUBRECIPIENT COOPERATIVE AGREEMENT
BETWEEN
MENDOCINO COUNCIL OF GOVERNMENTS
AND
CITY OF UKIAH

Effective July 1, 2017 through June 30, 2022

Annual Exhibits

Fiscal Year 2021/22

- Exhibit A – Subrecipient Scope of Work and Budget
- Exhibit B – Sample Subrecipient Invoice
- Exhibit C – MCOG’s Adopted Policies & Instructions
- Exhibit D – Special Conditions

EXHIBIT A

Subrecipient Scope of Work and Budget

Attached:

- A-1 Transportation Planning Overall Work Program (OWP)
 - Work Element 11 – Local Road Safety Plans
 - Work Element 12 – Trench Cut Fee Study and Implementation Services
 - Work Element 14 – Training
- A-2 Surface Transportation Block Grant (STBG) Program Formula Distribution
 - Balances Available to Claim

EXHIBIT A-1

Subrecipient Scope of Work and Budget

TRANSPORTATION PLANNING OVERALL WORK PROGRAM (OWP)

WORK ELEMENT 11 – LOCAL ROAD SAFETY PLANS (LRSP) - *Carryover***PURPOSE:**

To develop individual Local Road Safety Plans (LRSP) for the County of Mendocino, and Cities of Ukiah, Point Arena, Willits and Fort Bragg. An LRSP creates a framework to systematically identify, analyze, prioritize, and recommend roadway safety improvements on local roads. Beginning with Cycle 11 of the Highway Safety Improvement Program (HSIP), an LSRP will be required for an agency to apply for HSIP grant funds.

PREVIOUS WORK:

This work element was introduced in the FY 2020/21 Overall Work Program and will has been carried over to finalize and complete the plans. *(Tasks 1 through 3 completed in FY 2020/21, the consultant is expected to continue working in Task 4 in the current FY.)*

1. *Project Initiation/Coordination with Project Partners*
 - a. *Review LRSP program requirements and guidelines, and work with local agencies and Caltrans Local Assistance to assist with facilitating LRSP grant funding or allocation process. (MCOG)*
 - b. *Develop and execute a Memorandum of Understanding (MOU) with each local agency outlining MCOG and local agency roles, reimbursement commitments, project parameters and processes. (MCOG)*

Products may include: *Coordination, teleconferences, allocation forms, correspondence, and MOUs.*
2. *Procurement Process/ Consultant Selection*
 - a. *Conduct competitive procurement process, including development and advertisement of Request for Proposals (RFP) for consultant services. (MCOG)*
 - b. *Review consultant proposals and convene a Consultant Selection Committee (composed of County and City representatives) to evaluate and rank proposals and recommend a preferred consultant. (MCOG)*
 - c. *Develop and execute contract with selected consultant. (MCOG)*

Products may include: *RFP, newspaper advertisement; procurement documentation, Consultant Selection Committee agenda and meeting notes, evaluation forms, consultant contract.*

3. Project Kick-off Meeting & Establishment of Stakeholder Group

- a. *Hold project kick-off meeting with MCOG, consultant, and local agency staff. (MCOG, Local Agencies, Consultant)*
- b. *Per Caltrans' guidance, establish a working group of interested stakeholders/ safety partners to provide input into the development of local plans. Composition of stakeholder group may include local agency staff as well as other interested stakeholders from the "4E's" of highway safety (engineering, law enforcement, education, and emergency response communities). (MCOG, Consultant, Local Agencies)*
- c. *Meet with consultant, local agency staff and stakeholder group as needed throughout the project. (MCOG, Consultant, Local Agencies, Stakeholder Group).*

Products may include: Kick-off agenda and meeting notes; stakeholder roster; stakeholder meetings, agenda and meeting notes.

TASKS:

4. Develop Local Road Safety Plans

- a. **Review LRSP Requirements** – Consultant will review Caltrans' requirements for development of LRSPs, and ensure that all requirements are addressed. (Consultant)
- b. **Collect & Review Data** – Consultant will gather and review existing data (including Mendocino County Dept. of Transportation's annual Traffic Safety Review, MCOG's Regional Transportation Plan, Statewide Integrated Traffic Records System (SWITRS), local agency plans, and any other relevant data that may be available. (Consultant)
- c. **Analyze Data & Make Recommendations** – Consultant will analyze last five (5) years of accident and safety data; identify emphasis areas; identify, recommend and prioritize safety countermeasures (including a summary of costs, potential funding sources, timelines and goals). Consultant shall ensure that all recommended safety projects are consistent with Federal and State project funding requirements, if those funds will be used for project implementation. (Consultant)
- d. **Draft Local Road Safety Plans** – Consultant shall incorporate all data collected and analyzed into separate draft plans for review by each local agency. (Consultant)
- e. **Final Local Road Safety Plans** – Consultant shall incorporate input from local agencies as appropriate, and prepare final plans for each agency. (Consultant)
- f. **Presentation of Final Local Road Safety Plans** – Consultant shall make separate presentations of final plans to City Councils/Board of Supervisors, if requested by local agencies. (Consultant).

Products include: Draft and Final Local Road Safety Plans for the County of Mendocino, and the Cities of Ukiah, Point Arena. Separate plans shall be provided for each local agency. Separate presentations to City Councils/Board of Supervisors shall be provided upon request of local agencies.

5. Invoice Processing/Required Reporting

- a. **Invoice Processing** – MCOG will review and process consultant invoices for payment; and will prepare and submit invoices to local agencies for reimbursement of invoices paid. (MCOG)
- b. **Required Reporting** – MCOG will provide required reports associated with allocation and reporting on LRSP funds to Caltrans. (MCOG)

Products may include: Approved/processed consultant invoices; invoice reimbursement submittal packages; grant reporting and/or project close out forms, as required.

FUNDING AND AGENCY RESPONSIBILITIES:

*Local agencies will invoice Caltrans for LRSP grant funding. MCOG will invoice local agencies.
– For more details refer to Exhibit D, “Special Conditions.”*

Responsible Agency	Estimated Person Days	Budget	Funding Source	Fiscal Year
MCOG	9	\$ 7,500	Local LTF	2021/22
Consultant	220	\$ 220,184	State LRSP Grant	2020/21
Total	229	\$227,684		

ESTIMATED SCHEDULE:

Tasks	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1-3	Tasks completed in FY 2020/21											
4	x	x	x									
5	x	x	x	x	x	x						

WORK ELEMENT 12**TRENCH CUT FEE STUDY AND IMPLEMENTATION SERVICES****PURPOSE:**

This project proposes to complete a Trench Cut Fee Study in order to recover costs from utilities and contractors trenching in streets that have been rehabilitated or repaired. This project meets the goal to secure reliable, ongoing funding for system preservation on local streets.

PREVIOUS WORK:

No related type of project work has been done in the past.

TASKS:

1. Kickoff Meeting and Summarize Utility Cut Fee Studies. (Consultant)
2. Engineering Approach and Analysis (Consultant)
 - Structural Analysis -Deflection Testing
 - Statistical Analysis – PMP Data
3. Develop Fee Schedule and Final Report. (Consultant)
4. Develop Fee Ordinance City Council Presentation. (Consultant)

PRODUCTS:

Fee Scheduled / Final Report. This report will be utilized to implement a Trench Cut Fee Schedule in order to collect fees for ongoing street repairs.

FUNDING AND AGENCY RESPONSIBILITIES:

Responsible Agency	Estimated Person Days	Budget	Funding Source	Fiscal Year
Consultant	45	\$45,000	Local LTF	2020/21
Total	45	\$45,000		

ESTIMATED SCHEDULE:

Tasks	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	July
1								x					
2									x	x			
3											x	x	
4													x

WORK ELEMENT 14 – TRAINING

PURPOSE:

To provide funding for technical training in the transportation planning field to the Mendocino Council of Governments (MCOG) planning staff, and to local agency staff, to stay abreast of changes in the field.

PREVIOUS WORK:

This is an annual training work element that has been included in MCOG's Overall Work Program since FY 2003/04.

TASKS:

1. Attendance at transportation planning academies, seminars, workshops or training sessions that may be offered through Caltrans or other agencies. (MCOG, County, Cities, MTA). *This task includes staff time and direct costs (i.e. registration, travel, lodging, meals, etc.)*

Specific training sessions are not identified. Examples of prior training funded under this annual work element include: workshops provided through U.C. Berkeley's Tech Transfer Program - SB 743/Vehicle Miles Traveled; Traffic Control for Safer Work Zones; and training offered through Caltrans - Resident Engineer Academy; Emergency Relief (ER); Consultant Contract training; training on various grant programs; as well as training offered through the Rural Counties Task Force, CalCOG, and other agencies.

PRODUCTS:

Educational and training materials; trained/educated staff.

FUNDING AND AGENCY RESPONSIBILITIES:

Responsible Agency	Estimated Person Days	Budget	Funding Source	Fiscal Year
MCOG Staff	30	\$ 23,192	Local LTF	2020/21
MCOG Direct Costs	<i>n/a</i>	\$ 12,157	Local LTF	2020/21
County/Cities/ MTA <i>Direct Costs</i>	<i>n/a</i>	\$ 10,754	Local LTF	2020/21
Total	30	\$ 46,103		

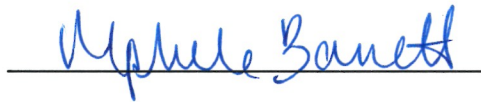
ESTIMATED SCHEDULE:

Tasks	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	x	x	x	x	x	x	x	x	x	x	x	x

The parties to this AGREEMENT agree to the terms of this Annual Exhibit and acknowledge that all applicable terms and conditions of the Master Agreement, effective July 1, 2017, shall apply.

The parties also agree that any amendments to the FY 2021/22 Transportation Planning Overall Work Program (OWP) approved by MCOG's Board of Directors may result in a revised Budget that shall apply to this Annual Exhibit.

Mendocino Council of Governments:



Nephele Barrett, Executive Director

Date: 11-10-21

City of Ukiah:



Sage Sangiacomo, City Manager

Date: Oct 27, 2021

EXHIBIT A-2

Subrecipient Scope of Work and Budget

**SURFACE TRANSPORTATION BLOCK GRANT (STBG) PROGRAM SECTION 182.6 D(1)
FORMULA DISTRIBUTION – BALANCES AVAILABLE TO CLAIM**

PURPOSE:

Formerly known as Regional Surface Transportation Program (RSTP), the name has been changed to Surface Transportation Block Grant Program. MCOG annually elects to exchange its federal STBGP funds for state funds under a program offered by California Department of Transportation (Caltrans). Eligible uses are as follows.

CALIFORNIA CONSTITUTION
ARTICLE 19 MOTOR VEHICLE REVENUES

SECTION 1. Revenues from taxes imposed by the State on motor vehicle fuels for use in motor vehicles upon public streets and highways, over and above the costs of collection and any refunds authorized by law, shall be used for the following purposes:

(a) The research, planning, construction, improvement, maintenance, and operation of public streets and highways (and their related public facilities for nonmotorized traffic), including the mitigation of their environmental effects, the payment for property taken or damaged for such purposes, and the administrative costs necessarily incurred in the foregoing purposes.

(b) The research, planning, construction, and improvement of exclusive public mass transit guideways (and their related fixed facilities), including the mitigation of their environmental effects, the payment for property taken or damaged for such purposes, the administrative costs necessarily incurred in the foregoing purposes, and the maintenance of the structures and the immediate right-of-way for the public mass transit guideways, but excluding the maintenance and operating costs for mass transit power systems and mass transit passenger facilities, vehicles, equipment, and services.

PREVIOUS WORK: Not applicable.

PRODUCTS: Refer to Administrative Procedures, provided as Exhibit C-2, attached.

FUNDING AND AGENCY RESPONSIBILITIES:

A schedule of funds available to claim by each MCOG member agency is attached to this exhibit. Any funding presented as an estimate may result in more or less actual funding available to claim, without amendment to this Annual Exhibit. Refer also to Administrative Procedures, provided as Exhibit C-2, attached. All other terms and conditions applicable to this Scope of Work and Budget are specified in the Master Agreement, effective July 1, 2017. – *Note due for update next year, so terms of revised STBG administrative procedures might not perfectly align until reconciled.*

MENDOCINO COUNCIL OF GOVERNMENTS (MCOG)

TEA-21 and SAFETEA-LU and MAP-21 and FAST Act
Surface Transportation Block Grant Program (STBG)
a.k.a. RSTP Section 182.6 d(1)
"d1 Fund"

Cumulative (Formula) Distributions by MCOG 2005/06 to 2020/21

	TOTALS 1997/98 through	New distrib'n policy adopted 6/5/2006*						New policy adopted 6/6/11**											Actuals			FY 2005/06 to 2020/21	Balances Available to Claim
Fiscal Year:	2004/05	2005/06	2006/07	2007/08	2008/09	2009/10	2010/11	2011/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	Totals	As of 5/14/2021				
Partnership Fund	0	50,000	75,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000	1,525,000	NA				
Local Assistance	0	0	0	0	0	0	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	90,000	990,000	NA				
Point Arena	347,081	49,214	51,031	43,367	51,480	45,979	54,677	54,677	62,885	54,622	65,346	55,310	50,409	60,390	67,653	72,779	71,732	911,551	71,732				
Willits	501,833	74,461	77,210	65,615	77,889	69,566	82,726	82,726	95,145	82,643	98,869	83,684	76,268	91,370	102,359	110,115	108,530	1,379,177	218,645				
Fort Bragg	531,697	79,333	82,262	69,908	82,986	74,118	88,139	88,139	101,370	88,051	105,338	89,159	81,259	97,348	109,057	117,320	115,631	1,469,421	439,357				
Ukiah	773,729	118,820	123,207	104,703	124,290	111,009	132,009	132,009	151,825	131,876	157,767	133,536	121,703	145,801	163,337	175,713	173,184	2,200,789	348,898				
County DOT	582,951	88,290	91,550	77,801	92,355	82,486	98,091	98,091	112,816	97,992	117,231	99,226	90,433	108,339	121,370	130,566	128,687	1,635,323	0				
TOTALS	2,737,291	460,119	500,261	461,393	528,999	483,158	645,642	645,642	714,041	645,185	734,551	650,915	610,072	693,249	753,777	796,494	787,764	10,111,262	1,078,632				

Cross Check: 2,737,291 460,119 500,261 461,393 528,999 483,158 645,642 645,642 714,041 645,185 734,551 650,915 610,072 693,249 753,777 796,494 787,764 12,848,553

	No Shading = Available to Claim
	Green Shading = Paid to Claimants
	Orange Shading = Estimated funding / not yet received from State

NOTES:
Administrative procedures as of 2002/03: Claimants to submit Annual Report, Project List, and compliance agreement each funding cycle.
Since 2017/18, Subrecipient Agreements replace the compliance agreement form.
* Reserves MCOG share "off the top" to capital fund for regional projects.
** Reserves additional MCOG share "off the top" for Local Assistance - Project Delivery.

EXHIBIT B

Sample Subrecipient Invoice

(Available by request in Excel format)

Agency Letterhead				
INVOICE				
Work Element/Project Title				
To:				
Mendocino Council of Governments		Invoice Date:		
Attn.:				
367 N. State St., Suite 206		Invoice Number:		
Ukiah, CA 95482				
		Dates of Service:		
Description of Activity	Personnel - Name & Title	Hourly Rate	Hours	Amount Billed
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
	Total Labor:			\$0.00
	Reimbursable Expenses - <i>attach receipts</i>	Item Cost	Quantity	Total Cost
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00
	Total Reimbursable Expenses:			\$0.00
Total Amount Due:				\$0.00
Overall Funding Summary				
Total Budget		\$	-	
Amount Previously Billed				
Current Amount Billed		\$	-	
Balance Remaining		\$	-	
I certify the charges for work billed are proper and that progress of the project is commensurate with cash disbursements being claimed on the "Total Amount Due" line above. I have reviewed the invoice and supporting documentation and concur that expenses are consistent with the scope of work.				
Agency Representative Signature:				
Print/type Name and Title:		Date		
Approved for Payment By:				
Name of MCOG Representative:		Date		

EXHIBIT C

MCOG's Adopted Policies & Instructions

Attached:

- C-1 Transportation Planning Overall Work Program (OWP) Policies and Application Instructions (4 pages)
- C-2 Surface Transportation Block Grant (STBG) Program Administrative Procedures (5 pages)
- C-3 Local Transportation Fund 2% Bicycle & Pedestrian Program Application Form (4 pages)

MCOG's Adopted Policies & Instructions - OWP

**MENDOCINO COUNCIL OF GOVERNMENTS
OVERALL WORK PROGRAM (OWP)
POLICIES AND APPLICATION INSTRUCTIONS****General Information**

The Mendocino Council of Governments has adopted a policy that a portion of Local Transportation Funds (LTF) will be allocated to assist in funding the annual transportation planning work program. Other funding sources for the work program include various State and Federal funds.

Eligible Applicants/Projects

Eligible applicants include the parties to MCOG's Joint Powers Agreement (JPA), which are the Cities of Ukiah, Willits, Fort Bragg, and Point Arena; and the County of Mendocino. Mendocino Transit Authority is also an eligible applicant. Other potential applicants must have an eligible JPA member sponsor agency.

Projects funded under the annual work program are of a planning nature, including studies related to transportation needs, technical assistance, transportation-related training for Technical Advisory Committee (TAC) members, Local Agency Staff, and MCOG staff; and administration of the work program, and direct costs.

Application Cycle/Schedule

The cycle for the OWP process shall begin annually October 15, at which time MCOG staff will forward the OWP application package consisting of these Policies and Application Instructions, an Application/Proposed Scope of Work Form (attached), and a Quarterly Report Form (attached) to TAC members. **There shall be a six week application period of October 15 - December 1**, with all applications due to the MCOG office no later than 5:00 p.m. on December 1 of each year (if this date falls on a weekend, the following Monday shall apply).

Applicants must submit fourteen (14) copies of the completed application/scope of work form, and one electronic copy. Incomplete applications or applications with insufficient copies will be returned to the applicant for completion.

A preliminary draft OWP is prepared by MCOG staff for review at the TAC level, and submitted to Caltrans by March 1. After incorporation of Caltrans' comments, a Final OWP is prepared for MCOG approval. The Final OWP is adopted along with the Regional Transportation Planning Agency annual budget in June of each year.

Quarterly Reporting/Payments

All agencies that are funded under the work program are required to submit quarterly progress reports to the MCOG office within 15 days following the end of each quarter. The progress of each work element is then compiled into a quarterly OWP report, which is submitted to the State.

Payments are tied to timely submittal of quarterly reports and satisfactory performance as determined by MCOG. Payments are made to work program participants upon invoicing with documentation of work performed, and subject to approval by MCOG's Executive Director.

Amendments

Any change in the approved work program requires an amendment approved by both MCOG and Caltrans, therefore any delays or problems should be promptly communicated with MCOG staff. Amendments to the approved work program are not allowed by Caltrans after April 1 of any year.

Carryover Requests

The program period for each work program is July 1 through June 30 of each year. Every attempt must be made to complete programmed activities within the programmed fiscal year; however, if there is a need to carry over a project to the next fiscal year for completion, the requesting agency must submit justification for the carry over to MCOG. Carryover requests are subject to the following restrictions:

Projects funded with State Rural Planning Assistance (RPA) funds are expected to be completed in the initial year of programming; however, limited extensions are possible and will be considered on a case-by-case basis (*subject to approval by the MCOG Executive Director*). Caltrans allows up to 25% of an agency's annual RPA allocation to be carried over for a maximum of one year, after the initial year of programming.

Projects funded with Local Transportation Funds (LTF) funds may be carried over (*subject to approval by the MCOG Executive Director*) for a maximum of two years, after the initial year of programming.

Projects funded with Planning, Programming & Monitoring (PPM) funds may be carried over (*subject to approval by the MCOG Executive Director*) for a maximum of two years, after the initial year of programming.

Grant funded projects are subject to the carryover provisions of the pertinent State or Federal funds.

Attachments: OWP Application – Scope of Work Form
OWP Quarterly Report Form

**MENDOCINO COUNCIL OF GOVERNMENTS
FY _____ OVERALL WORK PROGRAM
APPLICATION - PROPOSED SCOPE OF WORK**

Applicant Agency:**Date Submitted:****Contact Person:****Project Title:**

Use additional sheets as necessary to prepare outline.

GOAL/PURPOSE - What does this planning project intend to achieve? How does this planning work address the goals and objectives of the Regional Transportation Plan? See RTP pages 21-30 - available on MCOG's website www.mendocinocog.org.

PREVIOUS WORK - Has any related work been done in the past?

TASKS - List all tasks and responsible party for each task.

PRODUCTS - Identify products of the planning effort. How will these products be used to improve the state, regional, or local transportation system?

TIME SCHEDULE - Provide a monthly schedule by task. Schedule must indicate that all tasks can be completed in one fiscal year.

SAMPLE

Tasks	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
1	x	x	x									
2-6				x	x	x	x	x	x			
7										x	x	x

ESTIMATED PERSON DAYS/ COST BREAKDOWN - Provide estimated person days and costs for each agency and consultant.

PROPOSED FUNDING SOURCES & AMOUNTS - Provide amounts of proposed funding from all sources. Are there leveraging opportunities available? Has funding from other sources been sought for this planning project?

Notes:

1. Receipts and documentation are required for all direct costs, including copies of consultant invoices and receipts. Mark-up of direct costs is not allowed.
2. Travel costs are limited to Caltrans approved travel rates, available at the following link: <http://www.dot.ca.gov/hq/asc/travel/ch12/1consultant.htm#rr>.
3. It is applicant's responsibility to comply with all fiscal and procurement requirements of federal, state, regional, or local funding agencies.
4. The Transportation Development Act (TDA) requires recipients of Local Transportation Funds to submit annual fiscal audits to MCOG.

**MENDOCINO COUNCIL OF GOVERNMENTS
OVERALL WORK PROGRAM QUARTERLY REPORT
_____ Quarter, FY _____**

AGENCY:

DATE:

WORK ELEMENT NO./TITLE:

PURPOSE:

PROGRESS:

PRODUCT EXPECTED:

PROBLEMS:

OUTLOOK/STATUS:

FUNDS CLAIMED:

OWP Funding: \$ _____

Claimed this quarter: \$ _____

Claimed to date \$ _____
(including current quarter):

Balance to be claimed: \$ _____

MENDOCINO COUNCIL OF GOVERNMENTS

SURFACE TRANSPORTATION BLOCK GRANT (STBG) PROGRAM

Claim Procedures

Revised October 7, 2021

Supersedes “Administrative Procedures” of 2003, 2007

Funding Overview

Federal transportation legislation authorizes funding for the STBG Program, most recently through the Fixing America’s Surface Transportation (FAST) Act of 2015, administered by the Federal Highway Administration (FHWA). Previously known as the Regional Surface Transportation Program (RSTP), “block grant” was added to the name under the FAST Act, acknowledging the historically flexible eligibility of these funds to best address State and local transportation needs. The funds are apportioned to the States, which then suballocate by region.

In California, the Department of Transportation (Caltrans) offers an optional Federal Apportionment Exchange Program to the Regional Transportation Planning Agencies. The Mendocino Council of Governments (MCOG) customarily has taken advantage of this option to exchange for nonfederal State Highway Account (SHA) funds, to relieve the administrative burden of receiving federal funds, by executing an exchange agreement annually with Caltrans. The terms are governed by California Streets and Highways Code, Article 5, Section 182.6.

MCOG annually allocates STBG funds by budget resolution to the County of Mendocino and the Cities of Ukiah, Willits, Fort Bragg, and Point Arena, according to a distribution formula adopted by MCOG on November 2, 1998 and amended on June 5, 2006. The funds are held until claimed by each of these member local agencies, subject to administrative requirements to comply with State terms.

Eligible uses of the STBG funds are identified in the California Constitution Article 19, Motor Vehicle Revenues, Section 1, summarized as:

The research, planning, construction, improvement, maintenance, and operation of public streets and highways (and their related public facilities for nonmotorized traffic), including the mitigation of their environmental effects, the payment for property taken or damaged for such purposes, and the administrative costs necessarily incurred in the foregoing purposes.

Administrative Requirements

This amendment of MCOG’s claim requirements is meant to better align with the master terms of its Subrecipient Cooperative Agreement with the member agencies (started in 2017), which flow down terms and conditions of the various public funds received and administered by MCOG. Terms for submittal of Invoices, Reporting and Deliverables are detailed in Section 5 of the Agreement.

Whereas previously MCOG has distributed RSTP/STBG funds as either an advance or a reimbursement, as requested by the claimant, this amendment requires documentation of costs incurred for the eligible project before release of the funds allocated to claimants, consistent with the Agreement.

Claimants may “save up” annual allocations to accumulate in MCOG’s fund for a larger project than can be funded in a single year, until ready to submit a multi-year claim. Conversely, a project may be broken down into phases for more manageable cash flow, to be reimbursed in annual installments.

MENDOCINO COUNCIL OF GOVERNMENTS

Before expending funds on a project for later reimbursement, each claimant shall submit to MCOG a list of eligible projects on which they plan to expend the funds, for determination of eligibility. A form is provided for this purpose. MCOG will notify each claimant agency of their fund balances available, at least annually.

The list shall include a project description, the names of all streets and roads with potential projects, the type of project (e.g. rehabilitation, maintenance, improvement, operations, safety, etc.) and the functional classification based on the "annual maintained mileage report" prepared by each agency. If the project is for equipment or other street/road-related items, specify relevant details in the description.

Upon determination by MCOG of project eligibility, reimbursable work may proceed. Claims may be submitted for reimbursement upon project or phase completion, to include an invoice and a summary list of expenses with date, payee, description and amount for each expenditure. Claimant shall retain backup documentation such as receipts for at least three years after final STBG payment. Unclaimed amounts will remain reserved in claimant's available fund balance for future claims.

Note that this revised procedure might not perfectly reflect terms of the current master Subrecipient Agreement, which is due for review and update in Fiscal Year 2022/23, when terms may be amended as needed.

Checklist

- ☐ Refer to annual Subrecipient Agreement exhibit for available funds.
- ☐ Plan project, consult with MCOG staff as needed.
- ☐ Submit list to MCOG for review and determination of eligibility.
- ☐ On approval, proceed with reimbursable project work.
- ☐ Following project or phase completion, submit invoice to MCOG.
- ☐ Keep expense documentation on file for the required retention period.

Attachments

- List submittal form, available as Word document
- Sample reimbursement invoice, available as Excel spreadsheet
- Sample expense summary

MENDOCINO COUNCIL OF GOVERNMENTS

SURFACE TRANSPORTATION BLOCK GRANT PROGRAM (STBG)

Project List
for Fiscal Year _____
(List all Potential or Planned Projects)

Name of Street/Road/Project	Type of Project (examples below)*	Functional Class and/or Description **

Authorized Signature

Date

Printed Name & Title

Agency

* Project Type examples: Rehabilitation, maintenance, improvement, operations, equipment, safety, bicycle lane, pedestrian access, environmental mitigation, streetscape

** Functional Classification and/or Description examples:

Arterial, major/minor collector, local road, paving, chip seal, sidewalks, storm drains, street sweeper, traffic signal

Agency Letterhead

INVOICE

Date _____

Invoice # _____

BILL TO: Mendocino Council of Governments
Attn. Janet Orth, Deputy Director & CFO
525 S. Main St., Suite B
Ukiah, CA 95482

PROJECT: Surface Transportation Block Grant (STBG) Program
Name of project

Date/s Completed: Date range

Fiscal Year of MCOG Funding Allocation by Formula Distribution	MCOG Amount Allocated	Difference of Allocation and Amount Claimed	Total Reimbursement Request
Example: FY 2019/20		\$0	
FY 2020/21		\$0	
FY 2021/22		\$0	
		\$0	
		\$0	
		\$0	
		\$0	
TOTAL INVOICE AMOUNT DUE:			\$0

Supporting documentation, including expense summary list, is attached.
Further detailed documentation is on file for the required retention period.
All expenditures requested for reimbursement have been processed and paid.

Name of authorized signator
Position title

Date

[Report Date]

[PROJECT NAME] EXPENSE SUMMARY

Type	Date	Num	Source Name	Memo	Debit	Credit	Balance
Bill	07/27/2020	9094	MENDOCINO METALS		196.71		196.71
Credit Card Charge	09/01/2020		OFFICE SUPPLY.COM		233.87		430.58
Credit Card Charge	09/17/2020		OFFICE SUPPLY.COM		58.47		489.05
Bill	10/09/2020	Estimate 10092020	JERI-CO GARAGE DOORS		8,100.00		8,589.05
Bill	10/09/2020	Remaining Balance	JERI-CO GARAGE DOORS		8,100.00		16,689.05
Bill	10/12/2020	9195	MENDOCINO METALS		716.76		17,405.81
Bill	10/14/2020	505237-2	AACTION RENTS		54.88		17,460.69
Bill	10/15/2020	9074649	HOME DEPOT		138.23		17,598.92
Bill	10/29/2020	5022154	HOME DEPOT		63.47		17,662.39
Bill	11/02/2020	1070212	HOME DEPOT		292.87		17,955.26
Bill	11/04/2020	781159	Solid Waste Systems, Inc		88.85		18,044.11
Bill	11/20/2020	513463-2	AACTION RENTS		163.52		18,207.63
Bill	11/25/2020	146754	RELIABLE MILL SUPPLY INC		542.72		18,750.35
Bill	11/30/2020	November 2020	FRIEDMAN BROS.		1,966.10		20,716.45
Bill	12/04/2020	November 2020	HOME DEPOT		3,533.92		24,250.37
Credit Card Charge	12/16/2020		HOME DEPOT		85.22		24,335.59
Credit Card Charge	12/17/2020		Northern Tool		420.70		24,756.29
Bill	12/18/2020		Solid Waste Systems. Inc		171.19		24,927.48
Credit Card Charge	12/22/2020		HD Supply White Cap		543.50		25,470.98
Credit Card Charge	12/23/2020		HOME DEPOT		1,598.66		27,069.64
Credit Card Charge	12/23/2020		Norcal Recycle Rock		251.86		27,321.50
Credit Card Charge	12/30/2020		Norcal Recycle Rock		90.62		27,412.12
Bill	12/31/2020	20809	NOR-CAL RECYCLED ROCK		157.43		27,569.55
Bill	12/31/2020	December 2020	FRIEDMAN BROS.		2,903.00		30,472.55
Credit Card Charge	01/01/2021		National Business Furniture		1,386.90		31,859.45
Bill	01/04/2021	321132	MENDO MILL		233.68		32,093.13
Bill	01/05/2021	December 2020	HOME DEPOT		1,055.01		33,148.14
Bill	01/11/2021	521708-2	AACTION RENTS		411.59		33,559.73
Bill	01/11/2021	1544749	HOME DEPOT		601.62		34,161.35
Bill	01/13/2021	9544826	HOME DEPOT		151.55		34,312.90
Bill	01/19/2021	20841	NOR-CAL RECYCLED ROCK		37.76		34,350.66
Bill	01/21/2021	1353921	HOME DEPOT		353.46		34,704.12
Credit Card Charge	01/25/2021		AMAZON BUSINESS		269.68		34,973.80



MENDOCINO COUNCIL OF GOVERNMENTS

525 South Main Street~Ukiah~California~95482
www.mendocinocog.org

NEPHELE BARRETT, EXECUTIVE DIRECTOR

Administration: Suite B
(707) 463-1859
Transportation Planning: Suite G
(707) 234-3434

Fiscal Year: _____

APPLICATION FOR MCOG FUNDING PEDESTRIAN and/or BICYCLE FACILITIES PROJECT

Please complete each portion of the application in as much detail as possible/appropriate.

1. Project Name:	9. Line item cost estimate:
2. Applicant (City, County, MTA)	a. Environmental Documentation
3. Estimated Total Cost: \$	b. Design
4. Funding Requested: \$	c. Right-of-Way
5. Other Funding: (identify amounts & sources)	d. Construction
6. This Form Prepared By:	
7. Phone Number:	
8. Date:	
10. Description of project: Specify type of facility (pedestrian walkway, standard sidewalk, bikeway (Class I, II, or III) multi-use facility, ADA compliance, etc. How does this project implement the 2008 California Complete Streets legislation?	

11. How would this facility improve safety? (Upgrade existing facility, provide new facility, remove gaps in existing system?)

12. How much use (in users per day, or per week) would this facility get? What is the basis for this estimate? (What is the traffic volume on adjacent street/road, if applicable?)

13. To what extent would this facility be used by commuters? Commuters are people (including children) who use the facility for utilitarian purposes (including work, school, shopping, etc.). Identify below and on project map, non-motorized traffic generators and attractors (residential neighborhoods, schools, shopping, recreational areas, etc.) along or at termini of proposed project.

14. What is the readiness of this project? Include milestones for each activity below:

<u>Activity</u>	<u>Date (mo/yr)</u>
-----------------	---------------------

Environmental	
---------------	--

Design	
--------	--

Right-of-Way	
--------------	--

Construction	
--------------	--

15. Will this project completely or partially implement a specific plan that has been developed and adopted for the area? Examples are: Downtown Design Plan, Community Action Plan, Downtown Streetscape Plan, ADA Implementation Plan, Transit Service Implementation Plan.

16. Is the proposed project identified in or consistent with existing plans for the area (Bikeway Plan, City/County General Plans, Coastal Commission, Regional Transportation Plan, and others)? Identify where project is listed in plan or state how consistency with plan is achieved.

17. What alternate sources of funding have been sought for this project?

<u>Source</u>	<u>Application Date</u>	<u>Status</u>	<u>Date Available if Approved</u>

18. Is this non-motorized project a component of a larger project? If so, provide details of the larger project

19. What other funds have already been committed to this project?

<u>Fund Type</u>	<u>Amount</u>	<u>Documentation</u> (Funding Agreement, Resolution/Minute Order)

20. Does your agency currently have any open LTF 2% Bike & Pedestrian projects? If so, what is the status?

21. Other Comments:

EXHIBIT D

Special Conditions

WORK ELEMENT 11 – LOCAL ROAD SAFETY PLANS (LRSP)

This project was added to Exhibit A-1 in Fiscal Year 2020/21, carried over to 2021/22, and calls for an invoicing and reimbursement process relative to the funding source that is different than usual. MCOG member agencies have agreed to pool state grant funds by hiring a consultant to efficiently produce the required deliverables, Local Road Safety Plans.

For this project Local Road Safety Plan (LRSP) grant funds from state sources awarded to the participating local agencies are to be contributed to MCOG's Work Element 11, LRSP. Also the local agencies will provide a funding match of ten percent.

The local agencies will invoice Caltrans for LRSP grant funding. MCOG will invoice the local agencies for the grant and local funds, as listed in the table below. (MCOG will not invoice local agencies for state PPM funds, which are provided under a separate agreement with Caltrans.)

The schedule for invoicing will be known following MCOG's procurement of contracted services.

City of Ukiah's 2021/22 funding responsibility for WE 11 (grant and local funds) is \$60,937.97.

FUNDING AND AGENCY RESPONSIBILITIES:LRSP Contributions – Carried Over

County of Mendocino	\$107,764.58
City of Willits	23,570.20
City of Fort Bragg	17,244.47
City of Ukiah	60,937.97
City of Point Arena	<u>10,666.97</u>
Subtotal	\$220,184.19

MCOG Local Transportation Funds (LTF) \$ 7,500

TOTAL Work Element \$227,684

Responsible Agency	Estimated Person Days	Budget	Funding Source	Fiscal Year
MCOG	9	\$ 7,500	Local LTF	2021/22
Consultant	220	220,184	State LRSP Grant	2020/21
Total	229	\$227,684		

PROGRAM SUPPLEMENT NO. V52
to
ADMINISTERING AGENCY-STATE AGREEMENT
FOR STATE FUNDED PROJECTS NO 00059S

Adv Project ID **Date:** November 10, 2020
0120000086 **Location:** 01-MEN-0-UKI
 Project Number: LRSPL-5049(028)
 E.A. Number:
 Locode: 5049

This Program Supplement, effective 11/6/20, hereby adopts and incorporates into the Administering Agency-State Agreement No. 00059S for State Funded Projects which was entered into between the ADMINISTERING AGENCY and the STATE with an effective date of 07/27/07 and is subject to all the terms and conditions thereof. This PROGRAM SUPPLEMENT is executed in accordance with Article I of the aforementioned Master Agreement under authority of Resolution No. **2020-68** approved by the ADMINISTERING AGENCY on **Dec. 16, 2020** (See copy attached).

The ADMINISTERING AGENCY further stipulates that as a condition to the payment by the State of any funds derived from sources noted below encumbered to this project, Administering Agency accepts and will comply with the Special Covenants and remarks set forth on the following pages.

PROJECT LOCATION: City of Ukiah

TYPE OF WORK: Local Roadway Safety Plan

Estimated Cost	State Funds		Matching Funds	
	STATE	\$72,000.00	LOCAL	OTHER
\$80,000.00			\$8,000.00	\$0.00

CITY OF UKIAH

By

Title

Date

Attest

STATE OF CALIFORNIA

Department of Transportation

By

Chief, Office of Project Implementation
Division of Local Assistance

Date 2/8/2021

I hereby certify upon my personal knowledge that budgeted funds are available for this encumbrance:

Accounting Officer

Rosa Dore

Date

11/17/20

\$72,000.00

SPECIAL COVENANTS OR REMARKS

1. All obligations of STATE under the terms of this Agreement are subject to the appropriation of resources by the Legislature and the encumbrance of funds under this Agreement. Funding and reimbursement are available only upon the passage of the State Budget Act containing these STATE funds.
2. Any State and Federal funds that may have been encumbered for this project are available for disbursement for limited periods of time. For each fund encumbrance the limited period is from the start of the fiscal year that the specific fund was appropriated within the State Budget Act to the applicable fund Reversion Date shown on the State approved project finance letter. Per Government Code Section 16304, all project funds not liquidated within these periods will revert unless an executed Cooperative Work Agreement extending these dates is requested by the ADMINISTERING AGENCY and approved by the California Department of Finance.

ADMINISTERING AGENCY should ensure that invoices are submitted to the District Local Assistance Engineer at least 75 days prior to the applicable fund Reversion Date to avoid the lapse of applicable funds. Pursuant to a directive from the State Controller's Office and the Department of Finance; in order for payment to be made, the last date the District Local Assistance Engineer can forward an invoice for payment to the Department's Local Programs Accounting Office for reimbursable work for funds that are going to revert at the end of a particular fiscal year is May 15th of the particular fiscal year. Notwithstanding the unliquidated sums of project specific State and Federal funding remaining and available to fund project work, any invoice for reimbursement involving applicable funds that is not received by the Department's Local Programs Accounting Office at least 45 days prior to the applicable fixed fund Reversion Date will not be paid. These unexpended funds will be irrevocably reverted by the Department's Division of Accounting on the applicable fund Reversion Date.

3. ADMINISTERING AGENCY agrees to comply with the requirements in 2 CFR Part 200, Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards (applicable to Federal and State Funded Projects).
4. This PROJECT is funded with State-Only funding from the Local Roadway Safety Plan (LRSP) Program. ADMINISTERING AGENCY agrees to develop an LRSP under this PROJECT.

The ADMINISTERING AGENCY agrees to follow all relevant State laws and requirements including the California Environmental Quality Act (CEQA).

This PSA allows reimbursement of eligible PROJECT expenditures to the ADMINISTERING AGENCY for which the LRSP State funds are allocated. The effective State allocation date establishes the eligibility date for the ADMINISTERING AGENCY to start reimbursable work. Any work performed prior the effective allocation date is not eligible for reimbursement from the LRSP funds.

ADMINISTERING AGENCY agrees that LRSP funds available for reimbursement will be

SPECIAL COVENANTS OR REMARKS

limited to the amount allocated and encumbered by the STATE consistent with the scope of work in the STATE approved application. Funds encumbered may not be used for a modified scope of work after a project is awarded unless approved by the Statewide LRSP Coordinator prior to performing work.

ADMINISTERING AGENCY agrees to the program delivery and reporting requirements. The study and the LRSP must be completed within thirty-six (36) months of the funding allocation. The Final Report of Expenditure, the final invoice and the LRSP report must be submitted to the DLAE within six (6) months of the report completion.

RESOLUTION NO. 2020-68

RESOLUTION OF THE CITY OF UKIAH AUTHORIZING CITY MANAGER TO APPLY FOR AND EXECUTE ALL CALIFORNIA DEPARTMENT OF TRANSPORTATION FUNDS AND ALL RELATED DOCUMENTS

WHEREAS, the City of Ukiah is eligible to receive Federal and/or State funding for certain Transportation Projects, through the California Department of Transportation; and

WHEREAS, Master Agreements, Program Supplement Agreements, Fund Exchange Agreements and/or Fund Transfer Agreements need to be executed with the California Department of Transportation before such funds could be claimed; and

WHEREAS, the City wishes to delegate authorization to execute these agreements and any amendments thereto the City Manager.

NOW, THEREFORE, BE IT RESOLVED, that the City Manager is hereby authorized to execute all Master Agreements, Program Supplement Agreements, Fund Exchange Agreements, Fund Transfer Agreements, and any amendments thereto with California Department of Transportation.

PASSED AND ADOPTED this 16th day of December, 2020, by the following roll call vote:

AYES: Councilmembers Crane, Duenas, Mulheren, Brown, and Mayor Orozco
NOES: None
ABSTAIN: None
ABSENT: None



Juan V. Orozco, Mayor

ATTEST:



Kristine Lawler, City Clerk



AGENDA SUMMARY REPORT

SUBJECT: Approve to Use Professional Service Contracts for the Grace Hudson Museum Roof Replacement Project on an As-Needed Basis, and Approve Amending the Budget as Needed to Cover the Expenses.

DEPARTMENT: Finance

PREPARED BY: Mary Horger, Financial Services Manager

PRESENTER: Mary Horger, Financial Services Manager

ATTACHMENTS:

1. Thomas Hise Contract
2. JES Engineering - Inspection for Grace Hudson Roof 2021-226
3. OTMK Law - Engagement Letter

Summary: Council will consider approving the use of the existing professional service contracts for the Museum Roof Replacement Project on an as-needed basis.

Background: On September 3, 2020, Council awarded a contract for the replacement of the Grace Hudson Museum Roof. Due to quality and performance issues, the City issued a Notice of Termination to the contractor on October 1, 2021. The City is pursuing remedies to address the quality/performance issues and the contractor has since filed a lawsuit against the City in response.

Discussion: At the onset of this project, an agreement was entered into with Thomas Hise, Architect (Attachment 1) to do both architectural and project management services.

In June of 2021, the City entered into an agreement with David Jankovsky (Attachment 2) to provide on-site inspection of the then on-going installation of the roof. This consultant has since expanded his scope to provide expert inspection and reporting of the roof's current condition in support of the City's position in this case.

Since the filing of the lawsuit, the City has additionally entered an agreement with OTMK Law (Attachment 3) to assist the City with the case.

Below is a summary of the contract actuals to date:

Contract #	Consultant	Amount
1819-215	Thomas Hise, Architect	\$59,104
2021-226	David Jankovsky, Engineer	\$28,160
2122-173	OTMK Law	\$3,120

The City will continue to need the services of these consultants. How much of their time that will be needed is uncertain as we work to respond to the lawsuit and pursue remedies. Therefore, Staff is requesting the Council's approval to continue utilizing these contracts on a time and materials, as needed basis. Additionally, Staff is requesting approval to amend the budget as necessary to also accommodate the services. The budget amendment listed below is required to cover the expenses to date.

Recommended Action: Approve to use the contracts listed with Thomas Hise, Architect, David Jankovsky, Engineer, and OTMK Law, and perform corresponding budget amendments on an as needed basis.

BUDGET AMENDMENT REQUIRED: Yes.

CURRENT BUDGET AMOUNT: 20822500.80220.18021: \$0

PROPOSED BUDGET AMOUNT: 20822500.80220.18021: \$36,208.23

FINANCING SOURCE: Series 2020A Lease Revenue Bonds

PREVIOUS CONTRACT/PURCHASE ORDER NO.: Contract Nos: 1819215, 2021226, 2122173

COORDINATED WITH: David Rapport, City Attorney

Approved: 
Sage Sangiacomo, City Manager

AGREEMENT FOR
PROFESSIONAL CONSULTING SERVICES
[Design Professional]

This Agreement, made and entered into this 14th day of May, 2019 ("Effective Date"), by and between CITY OF UKIAH, CALIFORNIA, hereinafter referred to as "City" and Thomas Hise, a _____ [sole proprietorship, corporation, partnership, limited partnership, limited liability company, etc] organized and in good standing under the laws of the state of California, hereinafter referred to as "Consultant".

RECITALS

This Agreement is predicated on the following facts:

- a. City requires consulting services related to Architectural Services for the repair of the Glu-Lam Beam at the Grace Hudson Museum.
- b. Consultant represents that it has the qualifications, skills, experience and properly licensed to provide these services, and is willing to provide them according to the terms of this Agreement.
- c. City and Consultant agree upon the Scope-of-Work and Work Schedule attached hereto as Attachment "A", describing contract provisions for the project and setting forth the completion dates for the various services to be provided pursuant to this Agreement.

TERMS OF AGREEMENT

1.0 DESCRIPTION OF PROJECT

- 1.1 The Project is described in detail in the attached Scope-of-Work (Attachment "A").

2.0 SCOPE OF SERVICES

- 2.1 As set forth in Attachment "A".

- 2.2. Additional Services. Additional services, if any, shall only proceed upon written agreement between City and Consultant. The written Agreement shall be in the form of an Amendment to this Agreement.

3.0 CONDUCT OF WORK

- 3.1 Time of Completion. Consultant shall commence performance of services as required by the Scope-of-Work upon receipt of a Notice to Proceed from City and shall complete such services within three weeks from receipt of the Notice to Proceed. Consultant shall complete the work to the City's reasonable satisfaction, even if contract disputes arise or Consultant contends it is entitled to further compensation.

4.0 COMPENSATION FOR SERVICES

- 4.1 Basis for Compensation. For the performance of the professional services of this Agreement, Consultant shall be compensated on a time and expense basis not to exceed a guaranteed maximum dollar amount of \$3,952. Labor charges shall be based upon hourly billing rates for the various classifications of personnel employed by Consultant to perform the Scope of Work as set forth in the attached Attachment B, which shall include all indirect costs and expenses

of every kind or nature, except direct expenses. The direct expenses and the fees to be charged for same shall be as set forth in Attachment B. Consultant shall complete the Scope of Work for the not-to-exceed guaranteed maximum, even if actual time and expenses exceed that amount.

- 4.2 Changes. Should changes in compensation be required because of changes to the Scope-of-Work of this Agreement, the parties shall agree in writing to any changes in compensation. "Changes to the Scope-of-Work" means different activities than those described in Attachment "A" and not additional time to complete those activities than the parties anticipated on the date they entered this Agreement.
- 4.3 Sub-contractor Payment. The use of sub-consultants or other services to perform a portion of the work of this Agreement shall be approved by City prior to commencement of work. The cost of sub-consultants shall be included within guaranteed not-to-exceed amount set forth in Section 4.1.
- 4.4 Terms of Payment. Payment to Consultant for services rendered in accordance with this contract shall be based upon submission of monthly invoices for the work satisfactorily performed prior to the date of invoice less any amount already paid to Consultant, which amounts shall be due and payable thirty (30) days after receipt by City. The invoices shall provide a description of each item of work performed, the time expended to perform each task, the fees charged for that task, and the direct expenses incurred and billed for. Invoices shall be accompanied by documentation sufficient to enable City to determine progress made and the expenses claimed.

5.0 ASSURANCES OF CONSULTANT

- 5.1 Independent Contractor. Consultant is an independent contractor and is solely responsible for its acts or omissions. Consultant (including its agents, servants, and employees) is not City's agent, employee, or representative for any purpose.

It is the express intention of the parties hereto that Consultant is an independent contractor and not an employee, joint venturer, or partner of City for any purpose whatsoever. City shall have no right to, and shall not control the manner or prescribe the method of accomplishing those services contracted to and performed by Consultant under this Agreement, and the general public and all governmental agencies regulating such activity shall be so informed.

Those provisions of this Agreement that reserve ultimate authority in City have been inserted solely to achieve compliance with federal and state laws, rules, regulations, and interpretations thereof. No such provisions and no other provisions of this Agreement shall be interpreted or construed as creating or establishing the relationship of employer and employee between Consultant and City.

Consultant shall pay all estimated and actual federal and state income and self-employment taxes that are due the state and federal government and shall furnish and pay worker's compensation insurance, unemployment insurance and any other benefits required by law for himself and his employees, if any. Consultant agrees to indemnify and hold City and its officers, agents and employees harmless from and against any claims or demands by federal, state or local government agencies for any such taxes or benefits due but not paid by Consultant, including the legal costs associated with defending against any audit, claim, demand or law suit.

Consultant warrants and represents that it is a properly licensed professional or professional organization with a substantial investment in its business and that it maintains its own offices and staff which it will use in performing under this Agreement.

- 5.2 Conflict of Interest. Consultant understands that its professional responsibility is solely to City. Consultant has no interest and will not acquire any direct or indirect interest that would conflict with its performance of the Agreement. Consultant shall not in the performance of this Agreement employ a person having such an interest. If the City Manager determines that the Consultant has a disclosure obligation under the City's local conflict of interest code, the Consultant shall file the required disclosure form with the City Clerk within 10 days of being notified of the City Manager's determination.

6.0 INDEMNIFICATION

- 6.1 Insurance Liability. Without limiting Consultant's obligations arising under Paragraph 6.2 Consultant shall not begin work under this Agreement until it procures and maintains for the full period of time allowed by law, surviving the termination of this Agreement insurance against claims for injuries to persons or damages to property, which may arise from or in connection with its performance under this Agreement.

A. Minimum Scope of Insurance

Coverage shall be at least as broad as:

1. Insurance Services Office ("ISO") Commercial General Liability Coverage Form No. CG 20 10 10 01 and Commercial General Liability Coverage – Completed Operations Form No. CG 20 37 10 01.
2. ISO Form No. CA 0001 (Ed. 1/87) covering Automobile Liability, Code 1 "any auto" or Code 8, 9 if no owned autos and endorsement CA 0025.
3. Worker's Compensation Insurance as required by the Labor Code of the State of California and Employers Liability Insurance.
4. Errors and Omissions liability insurance appropriate to the consultant's profession. Architects' and engineers' coverage is to be endorsed to include contractual liability.

B. Minimum Limits of Insurance

Consultant shall maintain limits no less than:

1. General Liability: \$1,000,000 combined single limit per occurrence for bodily injury, personal injury and property damage including operations, products and completed operations. If Commercial General Liability Insurance or other form with a general aggregate limit is used, the general aggregate limit shall apply separately to the work performed under this Agreement, or the aggregate limit shall be twice the prescribed per occurrence limit.
2. Automobile Liability: \$1,000,000 combined single limit per accident for bodily injury and property damage.

3. Worker's Compensation and Employers Liability: Worker's compensation limits as required by the Labor Code of the State of California and Employers Liability limits of \$1,000,000 per accident.
4. Errors and Omissions liability: \$1,000,000 per occurrence.

C. Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of the City, either the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects to the City, its officers, officials, employees and volunteers; or the Consultant shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses.

D. Other Insurance Provisions

The policies are to contain, or be endorsed to contain, the following provisions:

1. General Liability and Automobile Liability Coverages

- a. The City, its officers, officials, employees and volunteers are to be covered as additional insureds as respects; liability arising out of activities performed by or on behalf of the Consultant, products and completed operations of the Consultant, premises owned, occupied or used by the Consultant, or automobiles owned, hired or borrowed by the Consultant for the full period of time allowed by law, surviving the termination of this Agreement. The coverage shall contain no special limitations on the scope-of-protection afforded to the City, its officers, officials, employees or volunteers.
- b. The Consultant's insurance coverage shall be primary insurance as respects to the City, its officers, officials, employees and volunteers. Any insurance or self-insurance maintained by the City, its officers, officials, employees or volunteers shall be in excess of the Consultant's insurance and shall not contribute with it.
- c. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the City, its officers, officials, employees or volunteers.
- d. The Consultant's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

2. Worker's Compensation and Employers Liability Coverage

The insurer shall agree to waive all rights of subrogation against the City, its officers, officials, employees and volunteers for losses arising from Consultant's performance of the work, pursuant to this Agreement.

3. Professional Liability Coverage

If written on a claims-made basis, the retroactivity date shall be the effective date of this Agreement. The policy period shall extend from one year from date of final approved invoice for this project.

4. All Coverages

Each Insurance policy required by this clause shall be endorsed to state that coverage shall not be suspended, voided, canceled by either party, reduced in coverage or in limits except after thirty (30) days prior written notice by certified mail, return receipt requested, has been given to the City.

E. Acceptability of Insurers

Insurance is to be placed with admitted California insurers with an A.M. Best's rating of no less than A- for financial strength, AA for long-term credit rating and AMB-1 for short-term credit rating.

F. Verification of Coverage

Consultant shall furnish the City with Certificates of Insurance and with original Endorsements effecting coverage required by this Agreement. The Certificates and Endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. The Certificates and Endorsements are to be on forms provided or approved by the City. All Certificates and Endorsements are to be received and approved by the City before Consultant begins the work of this Agreement. The City reserves the right to require complete, certified copies of all required insurance policies, at any time. If Consultant fails to provide the coverages required herein, the City shall have the right, but not the obligation, to purchase any or all of them. In that event, after notice to Consultant that City has paid the premium, the cost of insurance may be deducted from the compensation otherwise due the contractor under the terms of this Contract.

G. Subcontractors

Consultant shall include all sub-contractors or sub-consultants as insured under its policies or shall furnish separate certificates and endorsements for each sub-contractor or sub-consultant. All coverage for sub-contractors or sub-consultants shall be subject to all insurance requirements set forth in this Paragraph 6.1.

- 6.2 Indemnification. Notwithstanding the foregoing insurance requirements, and in addition thereto, Consultant agrees, for the full period of time allowed by law, surviving the termination of this Agreement, to indemnify the City for any claim, cost or liability that arises out of, or pertains to, or relates to any negligent act or omission or the willful misconduct of Consultant and its agents in the performance of services under this contract, but this indemnity does not apply to liability for damages for death or bodily injury to persons, injury to property, or other loss, arising from the sole negligence, willful misconduct or defects in design by the City, or arising from the active negligence of the City.

"Indemnify," as used herein includes the expenses of defending against a claim and the payment of any settlement or judgment arising out of the claim. Defense costs include all

costs associated with defending the claim, including, but not limited to, the fees of attorneys, investigators, consultants, experts and expert witnesses, and litigation expenses.

References in this paragraph to City or Consultant, include their officers, employees, agents, and subcontractors.

7.0 CONTRACT PROVISIONS

- 7.1 Documents and Ownership of Work. All documents furnished to Consultant by City and all documents or reports and supportive data prepared by Consultant under this Agreement are owned and become the property of the City upon their creation and shall be given to City immediately upon demand and at the completion of Consultant's services at no additional cost to City. Deliverables are identified in the Scope-of-Work, Attachment "A". All documents produced by Consultant shall be furnished to City in digital format and hardcopy. Consultant shall produce the digital format, using software and media approved by City.
- 7.2 Governing Law. Consultant shall comply with the laws and regulations of the United States, the State of California, and all local governments having jurisdiction over this Agreement. The interpretation and enforcement of this Agreement shall be governed by California law and any action arising under or in connection with this Agreement must be filed in a Court of competent jurisdiction in Mendocino County.
- 7.3 Entire Agreement. This Agreement plus its Attachment(s) and executed Amendments set forth the entire understanding between the parties.
- 7.4 Severability. If any term of this Agreement is held invalid by a court of competent jurisdiction, the remainder of this Agreement shall remain in effect.
- 7.5 Modification. No modification of this Agreement is valid unless made with the agreement of both parties in writing.
- 7.6 Assignment. Consultant's services are considered unique and personal. Consultant shall not assign, transfer, or sub-contract its interest or obligation under all or any portion of this Agreement without City's prior written consent.
- 7.7 Waiver. No waiver of a breach of any covenant, term, or condition of this Agreement shall be a waiver of any other or subsequent breach of the same or any other covenant, term or condition or a waiver of the covenant, term or condition itself.
- 7.8 Termination. This Agreement may only be terminated by either party: 1) for breach of the Agreement; 2) because funds are no longer available to pay Consultant for services provided under this Agreement; or 3) City has abandoned and does not wish to complete the project for which Consultant was retained. A party shall notify the other party of any alleged breach of the Agreement and of the action required to cure the breach. If the breaching party fails to cure the breach within the time specified in the notice, the contract shall be terminated as of that time. If terminated for lack of funds or abandonment of the project, the contract shall terminate on the date notice of termination is given to Consultant. City shall pay the Consultant only for services performed and expenses incurred as of the effective termination date. In such event, as a condition to payment, Consultant shall provide to City all finished or unfinished documents, data, studies, surveys, drawings, maps, models, photographs and reports prepared by the Consultant under this Agreement. Consultant shall be entitled to receive just and equitable compensation for any work satisfactorily completed hereunder,

subject to off-set for any direct or consequential damages City may incur as a result of Consultant's breach of contract.

7.9 Execution of Agreement. This Agreement may be executed in duplicate originals, each bearing the original signature of the parties. Alternatively, this Agreement may be executed and delivered by facsimile or other electronic transmission, and in more than one counterpart, each of which shall be deemed an original, and all of which together shall constitute one and the same instrument. When executed using either alternative, the executed agreement shall be deemed an original admissible as evidence in any administrative or judicial proceeding to prove the terms and content of this Agreement.

8.0 NOTICES

Any notice given under this Agreement shall be in writing and deemed given when personally delivered or deposited in the mail (certified or registered) addressed to the parties as follows:

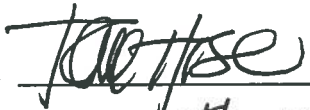
CITY OF UKIAH
PURCHASING DEPARTMENT
300 SEMINARY AVENUE
UKIAH, CALIFORNIA 95482-5400

THOMAS HISE
ARCHITECT/BUILDER
580 VICHY HILLS DRIVE
UKIAH, CALIFORNIA 95482

9.0 SIGNATURES

IN WITNESS WHEREOF, the parties have executed this Agreement the Effective Date:

CONSULTANT

BY: 
PRINT NAME: Thomas Hise
567-60-3743
IRS IDN Number

5/29/18
Date

CITY OF UKIAH

BY: 
SAGE SANGIACOMO
CITY MANAGER

6-6-19
Date

ATTEST


CITY CLERK

6-7-19
Date

Attachment A – Scope of Work

Below is the procedure being proposed for the investigation of the dry-rot damage to the cantilever beams at the Grace Hudson Museum entrance overhang:

- (1) The engineer Dave Jankovski PE, working from a rented boom lift, will scan each beam entirely with a "ultra-sound" device, which will detect relatively small differences in wood density in the beams.
- (2) A change in density is an indication that dry-rot may be present. Jankovski will remove a small wood plug (3/8") diameter, with a tree plug device, and visibly determine if dry-rot is present at each location indicated by "ultra-sound" as being suspect.
- (3) After recording his findings, he will pound a wood dowel into each hole as a repair. However, the plug removal will have no significant structural impact on the beam itself.
- (4) Upon completion of his field work, Jankovski will then return to his office and create drawings and a written report, detailing his findings, including the extent and location of dry-rot present, and possible conceptual repair strategies.

CITY OF UKIAH
AMENDMENT 1 – CONTRACT #1819215
TO
PROFESSIONAL SERVICES AGREEMENT
BETWEEN
THOMAS HISE and THE CITY OF UKIAH

This Amendment No. 1, entered on August 1, 2019, revises the Agreement for Professional services dated May 14, 2019, between the City of Ukiah and Thomas Hise for professional consulting services relating to the repair of the Glu-Lam Beam at the Grace Hudson Museum contract.

This Amendment No. 1 adds to the Scope of Work, as well as an additional \$12,482, as per Exhibit 1. This results in a revised, not-to-exceed contract amount of \$16,434.

Except as expressly amended by this Agreement, all other terms and conditions of the agreement remain unchanged and in full force and effect.

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS AMENDMENT ON THE EFFECTIVE DATE:

CONSULTANT

BY: 

THOMAS HISE

DATE: 8/1/19

CITY OF UKIAH

BY: 

SAGE SANGIACOMO, CITY MANAGER

DATE: 8/6/19

ATTEST

BY: 

KRISTINE LAWLER, CITY CLERK

DATE: 8/6/19

EXHIBIT 1

THOMAS HISE ARCHITECT / BUILDER

DATE: July 24, 2019

CLIENT: City of Ukiah
411 West Clay Street
Ukiah, CA 95482
attn: Purchasing Manager / Mary Horger

SUBJECT: Architectural Service Proposal
Grace Hudson Museum
Glu-Lam Beam Repairs

Item	Service Description	Hours	Rate	Cost
1 Beam Repair / Phase 1-Temporary Repair				
1.1	Architectural			
1.1.1	Owner, Consultant, Project Coordination	8 hrs. @	\$ 97.50	\$ 780.00
1.1.2	Flashing & Misc. Details	8 hrs. @	\$ 97.50	\$ 780.00
1.1.3	Permitting Coordination	4 hrs. @	\$ 97.50	\$ 390.00
			Sub-Total:	\$ 1,950.00
1.2	Consultants			
1.2.1	Engineering (per Consultant Proposal dated: 7/15/2019)		Sub-Total:	\$ 2,080.00
			Sub-Total Phase 1:	\$ 4,030.00
2 Beam Repair / Phase 2-Permanent Repair				
2.1	Architectural			
2.1.1	Owner, Consultant, Project Coordination	8 hrs. @	\$ 97.50	\$ 780.00
2.1.2	Flashing & Misc. Details	16 hrs. @	\$ 97.50	\$ 1,560.00
2.1.3	Permitting Coordination	4 hrs. @	\$ 97.50	\$ 390.00
			Sub-Total:	\$ 2,730.00
2.2	Consultants			
2.2.1	Engineering (per Consultant Proposal dated: 7/15/2019)		Sub-Total:	\$ 3,680.00
			Sub-Total Phase 2:	\$ 6,410.00
			Sub-Total Phase 1 & 2:	\$ 10,440.00
			Fixed Estimate Contingency @ 15%	\$ 1,842.00
			Architect's Estimated Total:	\$ 12,282.00
2 Reimbursable Expenses				
3.1	Printing & Plotting	(as needed)	(invoice + 25%)	(tbd)
3.2	Postage & Shipping	(as needed)	(invoice + 25%)	(tbd)
			Estimated Sub-Total:	\$ 200.00
			Service-Total:	\$ 12,482.00

July 15, 2019
P1904-01

City of Ukiah - Grace Hudson Museum
c.o: Thomas Hise - Architect / Builder
580 Vichy Hills Drive
Ukiah, Ca 95482

ATTN: Mr. Thomas Hise

SUBJ: Grace Hudson Museum - Decayed Exterior Glued Laminated Wood Beams
Front Entry Eave - Temporary Shoring
431 South Main Street
Ukiah, Ca

Mr. Hise:

As requested, I have prepared a cost estimate to conduct structural calculations and prepare design drawings for the temporary shoring of the decayed glued laminated beams in the front entry eave of the Grace Hudson Museum in Ukiah, California.

I. SCOPE OF SERVICES

The scope of services will include the preparation of structural calculations and structural details for the temporary shoring of the subject beams as outlined below:

A. Cursory Site Observation & Document Review

A cursory site observation will be conducted to verify allowable anchorage to the existing front entry concrete slab on grade and shoring lengths for the five deteriorated glued laminated beams.

B. Structural Analysis

Structural calculations will be performed for the temporary shoring in accordance to the 20016 California Building Code.

C. Drawing Preparation

Structural drawings for the temporary shoring will include following items:

- a. Partial plan view drawing of the front entry beams & shoring
- b. Structural construction notes and details
- c. Structural section drawings and construction details

II. ASSOCIATED FEES

The structural analysis and drawing preparation will be billed on a time and material basis computed in accordance the rates listed below:

PROFESSIONAL SERVICES

Project Engineer	\$ 120/hr
Draftsperson	\$ 80/hr

III. COST ESTIMATE

The costs for the drawing preparations and structural analysis as addressed in this proposal are based on time and materials as outlined below:

A.	Cursory Site Observation Verification of As-Built Conditions & Document Review (Project Engineer - Site Visit - 4 hours)	\$ 480.00
B.	Structural Analysis & Calculations (Project Engineer - 8 hours)	\$ 960.00
C.	Structural Drawings & Details & Site Plan (Draftsperson - 8 hours)	<u>\$ 640.00</u>

Total Cost = \$ 2080.00

The cost of services outlined in this proposal is for the preparation of calculations and construction drawings for the temporary shoring of the decayed glued laminated beams at the front entry eave of the Grace Hudson Museum. The estimated fee of \$ 2080 is based on time and materials and will not be exceeded without prior authorization.

Note: the temporary shoring is intended as a limited support for the damaged beams and should not be considered as a structural repair. We recommend the shoring and beams be visually inspected on a monthly basis to verify the condition of the shoring and additional damage to the beams which may need to be addressed until the beams are structurally repaired. Fees for the monthly inspections have not been included in this cost proposal.

Please contact the undersigned should you have any questions or wish to amend the Scope of Services.

Sincerely,

Jankovsky Engineering Services

David B. Jankovsky P.E.
Civil Engineer

July 15, 2019
P1904-02

City of Ukiah - Grace Hudson Museum
c.o: Thomas Hise - Architect / Builder
580 Vichy Hills Drive
Ukiah, Ca 95482

ATTN: Mr. Thomas Hise

SUBJ: Grace Hudson Museum - Decayed Exterior Glued Laminated Wood Beams
Front Entry Eave - Structural Repair
431 South Main Street
Ukiah, Ca

Mr. Hise:

As requested, I have prepared a cost estimate to conduct structural calculations and prepare design drawings for the structural repair of the decayed structural glued laminate beams in the front entry eave of the Grace Hudson Museum in Ukiah, California.

I. SCOPE OF SERVICES

The scope of services includes the preparation of structural calculations and structural details for the repair of the subject beams as outlined below:

A. Document Review

The original design drawings for the Grace Hudson Museum will be reviewed to evaluate the roof loading conditions and connection details of the five decayed glued laminated beams requiring structural repairs.

B. Structural Analysis

Structural calculations for the beam repairs will be conducted in accordance to the 2016 California Building Code.

C. Drawing Preparation

Structural drawings for the beam repairs will include the following items:

- a. Partial plan view drawings of the front entry beams and structural repairs
- b. Structural construction notes and details
- c. Structural section drawings and construction details

II. ASSOCIATED FEES

The structural analysis and drawing preparation will be billed on a time and material basis computed in accordance the rates listed below:

PROFESSIONAL SERVICES

Project Engineer	\$ 120/hr
Draftsperson	\$ 80/hr

III. COST ESTIMATE

The costs for the drawing preparation and structural analysis addressed in this proposal are based on time and materials as outlined below:

A.	Document Review of Original Design Drawings (Project Engineer - 4 hours)	\$ 480.00
B.	Structural Analysis & Calculations (Project Engineer - 16 hours)	\$ 1920.00
C.	Structural Drawings & Details & Site Plan (Draftsperson - 16 hours)	<u>\$ 1280.00</u>

Total Cost = \$ 3680.00

The cost of services outlined in this proposal is for the preparation of calculations and construction drawings for the structural repair of the decayed glued laminated beams at the front entry eave of the Grace Hudson Museum. The estimated fee of \$3680.00 is based on time and materials and will not be exceeded without prior authorization.

The cost of services outlined in this proposal excludes the preparation of architectural drawings, permitting fees and fees associated with inspection services and site meetings during construction.

Please contact the undersigned should you have any questions or wish to amend the Scope of Services.

Sincerely,

Jankovsky Engineering Services

David B. Jankovsky P.E.
Civil Engineer

CITY OF UKIAH
AMENDMENT 2 – CONTRACT #1819215
TO
PROFESSIONAL SERVICES AGREEMENT
BETWEEN
THOMAS HISE and THE CITY OF UKIAH

This Amendment No. 2, entered on October 8, 2020, revises the Agreement for Professional services dated May 14, 2019, between the City of Ukiah and Thomas Hise for professional consulting services relating to the repair of the Glu-Lam Beam at the Grace Hudson Museum contract.

This Amendment No. 2 adds to the Scope of Work, as well as an additional \$12,310, as per Exhibit 1 and 2. This results in a revised, not-to-exceed contract amount of \$28,744.

Except as expressly amended by this Agreement, all other terms and conditions of the agreement remain unchanged and in full force and effect.

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS AMENDMENT ON THE EFFECTIVE DATE:

CONSULTANT

BY: _____
THOMAS HISE

DATE: _____

CITY OF UKIAH

BY: _____
SAGE SANGIACOMO, CITY MANAGER

DATE: _____

ATTEST

BY: _____
KRISTINE LAWLER, CITY CLERK

DATE: _____

T H O M A S H I S E

A R C H I T E C T / B U I L D E R

DATE: September 1, 2020

CLIENT: City of Ukiah
411 West Clay Street
Ukiah, CA 95482
Attn: Mary Horger / Purchasing Manager

SUBJECT: Architect's Progress Payment Request

PROJECT: Grace Hudson Museum / Re-Roof (time & reimbursables)

Previous Balance:
Payments on Account: \$ -

Balance Forwarded: \$ -

Original Contract: \$ -
Balance of Contract: \$ -

Item	Service Description	Time	Rate	Cost
1	Ower / Client Meetings			
1.1	7/14/20 Job Walk	1 hrs @	\$ 97.50	\$ 97.50
1.2	8/19/20 Pre-Bid Meeting	1.5 hrs @	\$ 97.50	\$ 146.25
2	Construction Documents			
2.1	Plans & Specifications	92 hrs @	\$ 97.50	\$ 8,970.00
3	Bidding			
3.1	Coordination	3 hrs @	\$ 97.50	\$ 292.50
3.2	Bid Opening	1 hrs @	\$ 97.50	\$ 97.50
Sub-Total:				\$ 9,603.75
4	Reimbursable Expenses			
4.1	Printing			\$ 106.25
				\$ 106.25
Balance Forwarded:				\$ -
Current Amount Due:				\$ 9,710.00
Sub-Total:				\$ 9,710.00

T H O M A S H I S E

A R C H I T E C T / B U I L D E R

DATE: September 30, 2020

CLIENT: City of Ukiah
411 West Clay Street
Ukiah, CA 95482
Attn: Mary Horger / Purchasing Manager

SUBJECT: Architect's Service Proposal for
Construction Observation & Coordination

PROJECT: Grace Hudson Museum / Re-Roof

Item	Service Description	Time	Rate	Cost
1	Construction Observation			
1.1	City & Contractor Coordination	2 hrs @	\$ 97.50	\$ 195.00
1.2	Pre-Construction Meeting & Preparation	2 hrs @	\$ 97.50	\$ 195.00
1.3	Contractor Submittal Review & Response	4 hrs @	\$ 97.50	\$ 390.00
1.4	Construction Observation Meetings	8 hrs @	\$ 97.50	\$ 780.00
1.5	Project Close-Out	4 hrs @	\$ 97.50	\$ 390.00
Sub-Total:				\$ 1,950.00
2	Reimbursable Expenses			
2.1	Printing			\$ -
Sub-Total:				\$ -
Sub-Total:				\$ 1,950.00
3	Architect's Fixed Price Contingency	Architect's Contingency @ 25%		\$ 650.00
Total Fixed Price Not to Exceed:				\$ 2,600.00

CITY OF UKIAH
AMENDMENT 3 – CONTRACT #1819215
TO
PROFESSIONAL SERVICES AGREEMENT
BETWEEN
THOMAS HISE and THE CITY OF UKIAH

This Amendment No. 3, entered on January 6, 2021, revises the Agreement for Professional services dated May 14, 2019, between the City of Ukiah and Thomas Hise for professional consulting services relating to the repair of the Glu-Lam Beam at the Grace Hudson Museum contract.

This Amendment No. 3 adds to the Scope of Work, as well as an additional \$3,670.50, as per Exhibit 1. This results in a revised, not-to-exceed contract amount of \$32,414.50.

Except as expressly amended by this Agreement, all other terms and conditions of the agreement remain unchanged and in full force and effect.

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS AMENDMENT ON THE EFFECTIVE DATE:

CONSULTANT

BY:

Thomas Hise
 THOMAS HISE

DATE:

1/6/21

CITY OF UKIAH

BY:

Sage Sangiacomo
 SAGE SANGIACOMO, CITY MANAGER

DATE:

1/6/2021

ATTEST

BY:

Kristine Lawler
 Kristine Lawler (Mar 12, 2021 07:51 PST)
 KRISTINE LAWLER, CITY CLERK

DATE:

1/6/2021

T H O M A S H I S E

A R C H I T E C T / B U I L D E R

DATE: 9/30/2020 (revised: 12/14/2020)

CLIENT: City of Ukiah
411 West Clay Street
Ukiah, CA 95482
Attn: Mary Horger / Purchasing Manager

SUBJECT: Architect's Revised Service Proposal for
Construction Observation & Coordination

PROJECT: Grace Hudson Museum / Re-Roof

Item	Service Description	Time	Rate	Cost
1	Construction Observation			
1.1	City & Contractor Coordination	2 hrs @	\$ 97.50	\$ 195.00
1.2	Pre-Construction Meeting & Preparation	2 hrs @	\$ 97.50	\$ 195.00
1.3	Contractor Submittal Review & Response	4 hrs @	\$ 97.50	\$ 390.00
1.4	Construction Observation Meetings	8 hrs @	\$ 97.50	\$ 780.00
1.5	Project Close-Out	4 hrs @	\$ 97.50	\$ 390.00
			Sub-Total:	\$ 1,950.00
2	Reimbursable Expenses			
2.1	Printing			\$ -
			Sub-Total:	\$ -
			Sub-Total:	\$ 1,950.00
3	Architect's Fixed Price Contingency	Architect's Contingency @ 25%	\$	650.00
		Total Fixed Price Not to Exceed:	\$	2,600.00
4	Additional Services (12/14/2020)			
4.1	Project Management	32 hrs @	\$ 97.50	\$ 3,120.00
		Architect's Contingency @ 15%	\$	550.00
		Additional Service Total:	\$	3,670.00
		Revised Fixed Price Total:	\$	6,270.00

CITY OF UKIAH
AMENDMENT 5 – CONTRACT #1819215
TO
PROFESSIONAL SERVICES AGREEMENT
BETWEEN
THOMAS HISE and THE CITY OF UKIAH

This Amendment No. 5, entered on _____, 2021, revises the Agreement for Professional services dated May 14, 2019, between the City of Ukiah and Thomas Hise for professional consulting services relating to the repair of the Glu-Lam Beam at the Grace Hudson Museum contract.

This Amendment No. 5 adds an additional \$14,163 to the contract. This results in a revised contract amount of \$55,177.85.

Except as expressly amended by this Agreement, all other terms and conditions of the agreement remain unchanged and in full force and effect.

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS AMENDMENT ON THE EFFECTIVE DATE:

CONSULTANT

BY: _____
THOMAS HISE

DATE: _____

CITY OF UKIAH

BY: _____
SAGE SANGIACOMO, CITY MANAGER

DATE: _____

ATTEST

BY: _____
KRISTINE LAWLER, CITY CLERK

DATE: _____

AGREEMENT FOR
PROFESSIONAL CONSULTING SERVICES

This Agreement, made and entered into this 23rd day of June, 2021 ("Effective Date"), by and between CITY OF UKIAH, CALIFORNIA, hereinafter referred to as "City" and Jankovsky Engineering Services, a sole proprietor, hereinafter referred to as "Consultant".

RECITALS

This Agreement is predicated on the following facts:

- a. City requires inspection services related to the Grace Hudson Museum Roof Project for the City of Ukiah.
- b. Consultant represents that it has the qualifications, skills, experience and is properly licensed to provide these services, and is willing to provide them according to the terms of this Agreement.
- c. City and Consultant agree upon the Scope-of-Work and Work Schedule attached hereto as Attachment "A", describing contract provisions for the project and setting forth the completion dates for the various services to be provided pursuant to this Agreement.

TERMS OF AGREEMENT

1.0 DESCRIPTION OF PROJECT

- 1.1 The Project is described in detail in the attached Scope-of-Work (Attachment "A").

2.0 SCOPE OF SERVICES

- 2.1 As set forth in Attachment "A".
- 2.2. Additional Services. Additional services, if any, shall only proceed upon written agreement between City and Consultant. The written Agreement shall be in the form of an Amendment to this Agreement.

3.0 CONDUCT OF WORK

- 3.1 Time of Completion. Consultant shall commence performance of services as required by the Scope-of-Work upon receipt of a Notice to Proceed from City. Consultant shall complete the work to the City's reasonable satisfaction, even if contract disputes arise or Consultant contends it is entitled to further compensation.

4.0 COMPENSATION FOR SERVICES

- 4.1 Basis for Compensation. For the performance of the professional services of this Agreement, Consultant shall be compensated at an hourly rate of \$160.00/hour which would include travel time between Ukiah and Consultant's office in Cloverdale, not to exceed a maximum dollar amount of \$10,000., including reimbursable expenses, without the prior written approval of the City. Reimbursable expenses are limited to overnight delivery by a courier service, such as UPS or Federal Express, and non-routine copying costs, such as for oversized documents.

- 4.2 Changes. Should changes in compensation be required because of changes to the Scope-of-Work of this Agreement, the parties shall agree in writing to any changes in compensation. "Changes to the Scope-of-Work" means different activities than those described in Attachment "A" and not additional time to complete those activities than the parties anticipated on the date they entered this Agreement.
- 4.3 Sub-contractor Payment. The use of sub-consultants or other services to perform a portion of the work of this Agreement shall be approved by City prior to commencement of work. The cost of sub-consultants shall be included within the amount set forth in Section 4.1.
- 4.4 Terms of Payment. Payment to Consultant for services rendered in accordance with this contract shall be based upon submission of monthly invoices for the work satisfactorily performed prior to the date of the invoice less any amount already paid to Consultant, which amounts shall be due and payable thirty (30) days after receipt by City. The invoices shall provide a description of each item of work performed, the time expended to perform each task, the fees charged for that task, and the direct expenses incurred and billed for. Invoices shall be accompanied by documentation sufficient to enable City to determine progress made and to support the expenses claimed.

5.0 ASSURANCES OF CONSULTANT

- 5.1 Independent Contractor. Consultant is an independent contractor and is solely responsible for its acts or omissions. Consultant (including its agents, servants, and employees) is not the City's agent, employee, or representative for any purpose.

It is the express intention of the parties hereto that Consultant is an independent contractor and not an employee, joint venturer, or partner of City for any purpose whatsoever. City shall have no right to, and shall not control the manner or prescribe the method of accomplishing those services contracted to and performed by Consultant under this Agreement, and the general public and all governmental agencies regulating such activity shall be so informed.

Those provisions of this Agreement that reserve ultimate authority in City have been inserted solely to achieve compliance with federal and state laws, rules, regulations, and interpretations thereof. No such provisions and no other provisions of this Agreement shall be interpreted or construed as creating or establishing the relationship of employer and employee between Consultant and City.

Consultant shall pay all estimated and actual federal and state income and self-employment taxes that are due the state and federal government and shall furnish and pay worker's compensation insurance, unemployment insurance and any other benefits required by law for himself and his employees, if any. Consultant agrees to indemnify and hold City and its officers, agents and employees harmless from and against any claims or demands by federal, state or local government agencies for any such taxes or benefits due but not paid by Consultant, including the legal costs associated with defending against any audit, claim, demand or law suit.

Consultant warrants and represents that it is a properly licensed professional or professional organization with a substantial investment in its business and that it maintains its own offices and staff which it will use in performing under this Agreement.

- 5.2 Conflict of Interest. Consultant understands that its professional responsibility is solely to City. Consultant has no interest and will not acquire any direct or indirect interest that would conflict with its performance of the Agreement. Consultant shall not in the performance of this Agreement employ a person having such an interest. If the City Manager determines that the Consultant has a disclosure obligation under the City's local conflict of interest code, the Consultant shall file the required disclosure form with the City Clerk within 10 days of being notified of the City Manager's determination.

6.0 INDEMNIFICATION

- 6.1 Insurance Liability. Without limiting Consultant's obligations arising under Paragraph 6.2 Consultant shall not begin work under this Agreement until it procures and maintains for the full period of time allowed by law, surviving the termination of this Agreement insurance against claims for injuries to persons or damages to property, which may arise from or in connection with its performance under this Agreement.

A. Minimum Scope of Insurance

Coverage shall be at least as broad as:

1. Insurance Services Office ("ISO) Commercial General Liability Coverage Form No. CG 20 10 10 01 and Commercial General Liability Coverage – Completed Operations Form No. CG 20 37 10 01.
2. ISO Form No. CA 0001 (Ed. 1/87) covering Automobile Liability, Code 1 "any auto" or Code 8, 9 if no owned autos and endorsement CA 0025.
3. ~~Worker's Compensation Insurance as required by the Labor Code of the State of California and Employers Liability Insurance.~~
4. ~~Errors and Omissions liability insurance appropriate to the consultant's profession. Architects' and engineers' coverage is to be endorsed to include contractual liability.~~

B. Minimum Limits of Insurance

Consultant shall maintain limits no less than:

1. General Liability: \$1,000,000 combined single limit per occurrence for bodily injury, personal injury and property damage including operations, products and completed operations. If Commercial General Liability Insurance or other form with a general aggregate limit is used, the general aggregate limit shall apply separately to the work performed under this Agreement, or the aggregate limit shall be twice the prescribed per occurrence limit.
2. Automobile Liability: \$1,000,000 combined single limit per accident for bodily injury and property damage.
3. ~~Worker's Compensation and Employers Liability: Worker's compensation limits as required by the Labor Code of the State of California and Employers Liability limits of \$1,000,000 per accident.~~

C. Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of the City, either the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects to the City, its officers, officials, employees and volunteers; or the Consultant shall procure a bond guaranteeing payment of losses and related investigations, claim administration and defense expenses.

D. Other Insurance Provisions

The policies are to contain, or be endorsed to contain, the following provisions:

1. General Liability and Automobile Liability Coverages

- a. The City, its officers, officials, employees and volunteers are to be covered as additional insureds as respects; liability arising out of activities performed by or on behalf of the Consultant, products and completed operations of the Consultant, premises owned, occupied or used by the Consultant, or automobiles owned, hired or borrowed by the Consultant for the full period of time allowed by law, surviving the termination of this Agreement. The coverage shall contain no special limitations on the scope-of-protection afforded to the City, its officers, officials, employees or volunteers.
- b. The Consultant's insurance coverage shall be primary insurance as respects to the City, its officers, officials, employees and volunteers. Any insurance or self-insurance maintained by the City, its officers, officials, employees or volunteers shall be in excess of the Consultant's insurance and shall not contribute with it.
- c. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the City, its officers, officials, employees or volunteers.
- d. The Consultant's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

If written on a claims-made basis, the retroactivity date shall be the effective date of this Agreement. The policy period shall extend one year from project completion.

2. All Coverages

Each Insurance policy required by this clause shall be endorsed to state that coverage shall not be suspended, voided, canceled by either party, reduced in coverage or in limits except after thirty (30) days prior written notice by certified mail, return receipt requested, has been given to the City.

E. Acceptability of Insurers

Insurance is to be placed with admitted California insurers with an A.M. Best's rating of no less than A- for financial strength, AA for long-term credit rating and AMB-1 for short-term credit rating.

F. Verification of Coverage

Consultant shall furnish the City with Certificates of Insurance and with original Endorsements effecting coverage required by this Agreement. The Certificates and Endorsements for each insurance policy are to be signed by a person authorized by that insurer to bind coverage on its behalf. The Certificates and Endorsements are to be on forms provided or approved by the City. Where by statute, the City's Workers' Compensation - related forms cannot be used, equivalent forms approved by the Insurance Commissioner are to be substituted. All Certificates and Endorsements are to be received and approved by the City before Consultant begins the work of this Agreement. The City reserves the right to require complete, certified copies of all required insurance policies, at any time. If Consultant fails to provide the coverages required herein, the City shall have the right, but not the obligation, to purchase any or all of them. In that event, the cost of insurance becomes part of the compensation due the contractor after notice to Consultant that City has paid the premium.

G. Subcontractors

Consultant shall include all subcontractors or sub-consultants as insured under its policies or shall furnish separate certificates and endorsements for each sub-contractor or sub-consultant. All coverage for sub-contractors or sub-consultants shall be subject to all insurance requirements set forth in this Paragraph 6.1.

- 6.2 Indemnification. Notwithstanding the foregoing insurance requirements, and in addition thereto, Consultant agrees, for the full period of time allowed by law, surviving the termination of this Agreement, to indemnify the City for any claim, cost or liability that arises out of, or pertains to, or relates to any negligent act or omission or the willful misconduct of Consultant in the performance of services under this contract by Consultant, but this indemnity does not apply to liability for damages for death or bodily injury to persons, injury to property, or other loss, arising from the sole negligence, willful misconduct or defects in design by the City, or arising from the active negligence of the City.

"Indemnify," as used herein includes the expenses of defending against a claim and the payment of any settlement or judgment arising out of the claim. Defense costs include all costs associated with defending the claim, including, but not limited to, the fees of attorneys, investigators, consultants, experts and expert witnesses, and litigation expenses.

References in this paragraph to City or Consultant, include their officers, employees, agents, and subcontractors.

7.0 CONTRACT PROVISIONS

- 7.1 Ownership of Work. All documents furnished to Consultant by City and all documents or reports and supportive data prepared by Consultant under this Agreement are owned and become the property of the City upon their creation and shall be given to City immediately

upon demand and at the completion of Consultant's services at no additional cost to City. Deliverables are identified in the Scope-of-Work, Attachment "A". All documents produced by Consultant shall be furnished to City in digital format and hardcopy. Consultant shall produce the digital format, using software and media approved by City.

- 7.2 Governing Law. Consultant shall comply with the laws and regulations of the United States, the State of California, and all local governments having jurisdiction over this Agreement. The interpretation and enforcement of this Agreement shall be governed by California law and any action arising under or in connection with this Agreement must be filed in a Court of competent jurisdiction in Mendocino County.
- 7.3 Entire Agreement. This Agreement plus its Attachment(s) and executed Amendments set forth the entire understanding between the parties.
- 7.4 Severability. If any term of this Agreement is held invalid by a court of competent jurisdiction, the remainder of this Agreement shall remain in effect.
- 7.5 Modification. No modification of this Agreement is valid unless made with the agreement of both parties in writing.
- 7.6 Assignment. Consultant's services are considered unique and personal. Consultant shall not assign, transfer, or sub-contract its interest or obligation under all or any portion of this Agreement without City's prior written consent.
- 7.7 Waiver. No waiver of a breach of any covenant, term, or condition of this Agreement shall be a waiver of any other or subsequent breach of the same or any other covenant, term or condition or a waiver of the covenant, term or condition itself.
- 7.8 Termination. This Agreement may only be terminated by either party: 1) for breach of the Agreement; 2) because funds are no longer available to pay Consultant for services provided under this Agreement; or 3) City has abandoned and does not wish to complete the project for which Consultant was retained. A party shall notify the other party of any alleged breach of the Agreement and of the action required to cure the breach. If the breaching party fails to cure the breach within the time specified in the notice, the contract shall be terminated as of that time. If terminated for lack of funds or abandonment of the project, the contract shall terminate on the date notice of termination is given to Consultant. City shall pay the Consultant only for services performed and expenses incurred as of the effective termination date. In such event, as a condition to payment, Consultant shall provide to City all finished or unfinished documents, data, studies, surveys, drawings, maps, models, photographs and reports prepared by the Consultant under this Agreement. Consultant shall be entitled to receive just and equitable compensation for any work satisfactorily completed hereunder, subject to off-set for any direct or consequential damages City may incur as a result of Consultant's breach of contract.
- 7.9 Execution of Agreement. This Agreement may be executed in duplicate originals, each bearing the original signature of the parties. Alternatively, this Agreement may be executed and delivered by facsimile or other electronic transmission, and in more than one counterpart, each of which shall be deemed an original, and all of which together shall constitute one and the same instrument. When executed using either alternative, the executed agreement shall be deemed an original admissible as evidence in any administrative or judicial proceeding to prove the terms and content of this Agreement.
- 8.0 NOTICES

Any notice given under this Agreement shall be in writing and deemed given when personally delivered, including by overnight courier or email or deposited in the mail (certified or registered) addressed to the parties as follows:

CITY OF UKIAH
City Manager
300 SEMINARY AVENUE
UKIAH, CA 95482-5400
Email: ssangiacomo@cityofukiah.com
cc: mhorger@cityofukiah.com

JANKOVSKY ENGINEERING SERVICES
DAVE JANKOVSKY
1265 WILSON ROAD
CLOVERDALE, CA 95425
Email: jes-engineering@comcast.com

9.0 SIGNATURES

IN WITNESS WHEREOF, the parties have executed this Agreement the Effective Date:

WATER SYSTEMS OPTIMIZATION, INC.

BY: 
DAVE JANKOVSKY
OWNER
68-0338254
IRS IDN Number

06/23/2021

Date

CITY OF UKIAH

BY: 
SAGE SANGIACOMO
CITY MANAGER

Aug 25, 2021

Date

ATTEST


Kristine Lawler (Aug 25, 2021 08:32 PDT)
KRISTINE LAWLER
CITY CLERK

Aug 25, 2021

Date

EXHIBIT A

SCOPE OF WORK

Consultant will provide on-site inspection of the on-going installation of a new metal roof for the Grace Hudson Carpenter Museum ("the Project") by Roofing & Solar Construction Inc. ("RSC") pursuant to Contract # 2021-118. RSC was authorized to proceed with the Project on October 16, 2020. The Project is many months past the original contract completion date. The original roof has been removed and installation of a new metal roof manufactured by the Garland Company, Inc. ("Garland") is under construction. The work remaining to be completed in accordance with the Plans and Specifications, including the Garland's construction manual ("Project Plans") is contained in the attached Master Final Punch list, which includes reports by the Architect, the Building Official and Garland.

Consultant will review the Master Final Punchlist and the Project Plans and conduct on-site inspection on a daily basis, when RSC is present at the job site and performing work. Consultant will inspect areas where RSC removes existing work to remedy its failure to perform that work in accordance with the Project Plans and an acceptable standard of workmanship ("Acceptable Standards") and before the area is covered.

Consultant will maintain a daily log reporting the number of RSC workers onsite, including the Project supervisor, Cary Fabiani, materials delivered, equipment onsite, the status of the work and any other matters requested by Tom Hise ("Architect") or that Consultant considers useful in evaluating the work and RSC's performance. If Consultant determines that any uncovered work does not satisfy the Project Plans and/or Acceptable Standards or if in Consultant's expert opinion ongoing work is not being performed in compliance with Project Plans and/or to Acceptable Standards, he shall immediately so inform Mr. Fabiani and notify the Architect by phone, text or email.

Consultant shall have no authority to direct RSC, but if Tom Hise fails to respond immediately or Mr. Fabiani fails to correct the non-conforming work, Consultant shall have the authority to order RSC to stop the work not being performed in accordance with Project Plans and/or to Acceptable Standards, until further direction from the Architect.

Consultant shall use his professional judgment as to the number of hours on any given day he remains on the job site taking into consideration the status of the work.

T H O M A S H I S E A I A
A R C H I T E C T / B U I L D E R

DATE: June 21, 2021

PROJECT: Grace Hudson Museum Re-Roof

SUBJECT: Revised Master Punch-List (revised: 6/21/21)

COPY: Mary Horger / Financial Services Manager
411 West Clay Street
Ukiah CA 95482

David J. Rapport / City Attorney of Ukiah
405 West Perkins Street
Ukiah, CA 95482

The Master Punch List is revised herein as a single combined list, including the most recent updates by:

- (1) Steven Oropeza City of Ukiah Building Inspector & Code Compliance Officer
- (2) Vince Harper Garland Company North Bay Representative
- (3) David Burton Grace Hudson Museum Director
- (4) Hise Architects / Thomas Hise Architect of Record and City of Ukiah Project manager
- (5) Note 1: The Contractor shall refer to the Original Master Punch List photos as reference for corrections listed herein.

REVISED MASTE PUNCH LIST (dated 6/21/21)

- | Item | Comment |
|------|--|
| (1) | <p><i>Rake Trim: The Contractor shall remove and replace all gable-end "rake trim" metal, and replace with new "shop formed and fabricated" Garland (22 ga) sheet metal to match roofing, installed over Garland approved waterproofing membrane. Re-install per Garland approved Shop Drawings and Installation Manuel. Base deck and waterproofing shall be inspected and approved (in writing) by a Garland representative and an Owner designated Inspector, prior to installing new "side rake hold-down cleats" and rake trim metal. The addition of wood or foam backing is required to fully supported rake trim, as noted on the Architect's Construction Drawings / Sheet A1 / Detail 3 (dated: 7/27/20). Face rivets are not acceptable per Garland Specifications. Special attention must be paid to rake trim closure at rake beam and rain gutter interface.</i></p> <p><i>Mock-Up: The Contractor shall install a full section of rake trim waterproofing and rake trim metal on the buildings North rake. Base deck and waterproofing shall be inspected and approved (in writing) by a Garland representative and an Owner designated Inspector, prior to installing new rake trim metal elsewhere.</i></p> |
| (2) | <p><i>Ridge Trim: The ridge cap shall be re-installed free of deflection, fully sealed and installed per Garland Shop Drawings and Installation Manual. Ridge trim should be straight. The Contractor shall remove and replace damaged ridge trim as needed, and remove and shim hat channels as needed, and re-install rake trim. Ridge trim shall lap the rake trim, patches or sheet metal band aids will not be allowed.</i></p> |
| (3) | <p><i>Skylight Trim: The Contractor shall remove and replace all skylight metal trim, and replace with new "shop formed and fabricated" Garland (22 ga) sheet metal to match roofing, installed over</i></p> |

Garland approved waterproofing membrane. Re-install vertical flashing and head closure trim metal transition per Garland approved Shop Drawings and Installation Manual. Care should be taken to install metal trim true and straight, conforming to the underlying skylight structure. Base deck and waterproofing shall be inspected and approved (in writing) by a Garland representative and an Owner designated Inspector, prior to installing new trim metal.

- (4) *Valley Metal Pan:* The Contractor shall remove and remove the "valley metal pan" as installed, and re-install per Garland Shop Drawings and Installation Manual. Care shall be taken to allow valley to channeled water to flow directly into rain gutter system. The "valley metal pan" shall be independent of and not attached to the rain gutter and rain gutter backing plate.
- (5) *Rain Gutter and Leader System:* The Contractor shall adjust, or remove and re-install all "rain gutter" as needed to conform to Garland Shop Drawings and Installation Manual, especially regarding expansion joints, rivet attachment, joint sealant, water tightness of connections, and slope to drain. Rain leader attachment strapping shall be replaced to comply with Garland Shop Drawings and Installation manual, in both size, fabrication, and distance between supports.
- (6) *Rain Leader to Subterranean Drain System:* The Contractor shall reinstall all "rain leaders" with an appropriate plastic or metal "rectangle to round" transition fitting, taking care that water does not leak, and conforming to acceptable industry standards for workmanship and visual appearance.
- (7) *Roof Protective Plastic Coating:* The Contractor shall remove all remaining "protective plastic coating" from the original installation, and dispose of and remove from the site with any remaining or newly generated trash or debris.
- (8) *Rain Water Catchment System Re-Attachment:* The Contractor shall remove each full length of rain gutter where rain catchment system has been re-installed, and install new gutter and "rain leader to gutter transition" with metal transition sleeve per Garland Shop Drawings and Installation Manual and the appropriate rubber transition boot per the original pre-roofing condition. The transition diameter shall be (3") and connect to the rain catchment system piping with a (3" to 4") rubber boot and stainless steel hose clamps sized or fit for a tidy visual appearance. The Contractor shall take care to re-install piping with a minimum slope of (1/8") per foot slope to the existing catchment storage tank. The Contractor shall direct workmen to enter the catchment storage tank, and push out the large dent left by previous workmen standing there during installation activity.
- (9) *Rain Water Catchment Piping Supports:* The Contractor shall remove all piping supports, and re-install into a new drilled hole (1/8) smaller than the bolt diameter, and a minimum of (1 1/2") clear of the end of the rafter tail plumb cut. Care shall be taken to reinstall piping hanger devices plumb and true, the Architect's Specifications Division 6 / 06100-Misc Carpentry.
- (10) *Beam End Caps:* The Contractor shall remove all "beam end caps" from the previous non-conforming installation, and replace with new shop formed and fabricated (22 ga) sheet metal stock, conforming to the Architect's Construction Drawings and Specifications, and incorporating the simplified drawing (dated: 5/3/21), and attached herein.

Mock-Up: The Contractor shall install one (1) mock-up of the beam end caps and related waterproofing, on the buildings North rake. Waterproofing shall be inspected and approved (in writing) by a Garland representative and an Owner designated Inspector, prior to installing the beam end mock-up prior to the beam end cap. The entire mock-up shall be approved (by same in writing) prior to fabrication and installation elsewhere.

Beam End Cap Painting: Beam end cap painting is not in the contract work, and will be coordinated with the Architect for painting provided by the City . The City requires (3) days notice of completion of beam cap fabrication, and will require (3) days to complete painting and delivery to the Contractor for installation.

Note 2: The Contractor can also choose to use (22 ga) sheet metal provided by Garland and matching the roofing material, for fabrication of beam caps, and compensated by the City for materials and normal mark-up.

Note 3: This option requires the Contractor to notify the Architect of making this choice, and shall not proceed with this option until receiving direction (in writing) from the Architect or by the City. The Contractor's request will be expedited, and could have a significant impact on the completion timeline. This option is expected to eliminate the (6) days of painting and coordination.

Note 4: It is very possible that upon opening these areas listed herein, and further access by others joining the City Team, additional items may need to be added to this list. However, it is intended that this is the Final (revised) Master Punch List.

Note 5: This list may also change once circulated and reviewed by others listed above as having responsibility for inspecting the work in place. This review will be complete within (3) days from the date noted above (6/21/21) ending (6/24/21).

In Summary: The Contractor shall carefully review this revised Master Punch List, and review the photos from the original Master Punch List (dated: 4/26/21). The Contractor shall notify the Architect if there are any questions, or item that appears to be unclear or not fully understandable.

Sincerely, Thomas Hise Architect

JES Engineering - Inspection for Grace Hudson Roof 2021-226

Final Audit Report

2021-08-25

Created:	2021-08-25
By:	Kristine Lawler (klawler@cityofukiah.com)
Status:	Signed
Transaction ID:	CBJCHBCAABAARJloIp_9RH1_o5vdVnVn_M_zNqBbi95P

"JES Engineering - Inspection for Grace Hudson Roof 2021-226" History

-  Document created by Kristine Lawler (klawler@cityofukiah.com)
2021-08-25 - 2:49:08 PM GMT- IP address: 12.12.163.2
-  Document emailed to Sage Sangiacomo (ssangiacomo@cityofukiah.com) for signature
2021-08-25 - 2:49:53 PM GMT
-  Email viewed by Sage Sangiacomo (ssangiacomo@cityofukiah.com)
2021-08-25 - 3:22:40 PM GMT- IP address: 12.12.163.2
-  Document e-signed by Sage Sangiacomo (ssangiacomo@cityofukiah.com)
Signature Date: 2021-08-25 - 3:23:10 PM GMT - Time Source: server- IP address: 12.12.163.2
-  Document emailed to Kristine Lawler (lyricalwhims@gmail.com) for signature
2021-08-25 - 3:23:12 PM GMT
-  Email viewed by Kristine Lawler (lyricalwhims@gmail.com)
2021-08-25 - 3:32:39 PM GMT- IP address: 66.249.84.95
-  Document e-signed by Kristine Lawler (lyricalwhims@gmail.com)
Signature Date: 2021-08-25 - 3:32:50 PM GMT - Time Source: server- IP address: 12.12.163.2
-  Agreement completed.
2021-08-25 - 3:32:50 PM GMT



OTMK LAW

O'CONNOR THOMPSON MCDONOUGH KLOTSCH

ERIN K. MCDONOUGH

Attorney at Law

2500 Venture Oaks Way, Suite 320
Sacramento, CA 95833

(o) 916-993-4540

(d) 916-993-4547

erin@otmklaw.com

December 21, 2021

VIA EMAIL (drapport@cityofukiah.com)

City of Ukiah
Attn: David J. Rapport, City Attorney
405 West Perkins Street
Ukiah, CA 95482

RE: Terms of Legal Representation

Dear Mr. Rapport:

Thank you for retaining O'Connor Thompson McDonough Klotsche LLP to assist the City of Ukiah with construction law advice and counseling. Our engagement will primarily involve representation of the City with respect to disputes arising out of and related to the Grace Hudson Museum roof replacement project.

My billing rate will be \$390.00 per hour. If I have the help of other attorneys or paralegals in our firm, their standard billing rates will be included in the billing statement we send to you each month.

Attached to this letter are the Standard Terms and Agreement of our representation. The Standard Terms and Agreement, along with the terms set forth in this letter, constitute the entire agreement for our representation. Please sign this letter where indicated and return via email. Please keep this letter and Standard Terms and Agreement for your records.

Sincerely,

Erin K. McDonough

EKM/sg
Enclosures

The undersigned hereby approves the foregoing agreement for legal services, comprised of this letter and the accompanying Standard Terms and Agreement.

City of Ukiah

By: _____

Title: City Manager

Date: 12/23/2021

OTMK Standard Terms & Agreement

This statement of standard terms, along with the terms stated in the accompanying letter, constitutes the Agreement for Legal Services ("Agreement") between you and O'Connor Thompson McDonough Klotsche LLP ("OTMK").

1. Effective Date

The Agreement is effective the date we first performed services on your behalf. If we have performed legal services at your request while waiting for you to sign and return this Agreement, you will still be required to pay for those services even if you decide not to sign and return this Agreement.

2. Fees for Legal Services

Our fees for legal services are based on the total amount of time expended on all work necessary to your representation multiplied by the hourly rate then in effect for the person performing the work. We charge for our time in minimum units of 0.1 hours. The applicable hourly rates for attorneys, paralegals, and other personnel are reflected in the accompanying letter or on the billing statement. These rates are reviewed and adjusted periodically. On occasion, we may utilize contract employees to assist in providing legal or paralegal services, working under our direct supervision. In such cases, you will be billed at an hourly rate commensurate with the level of skill and experience of the particular contract employee. If OTMK revises its rates while this Agreement is in effect, the revised rates will be applied to the services rendered thereafter, and the applicable rates will be reflected in each subsequent bill that you receive. From time to time, those assigned to work on your matter may need to confer among themselves concerning your representation. When that occurs, each person will charge for the time expended in conference. It may on occasion be necessary or advisable for more than one person to attend a meeting, court hearing or other proceeding and each will charge for the time that is spent in making those appearances. We also will charge for waiting time in court and elsewhere and for all travel time both out of town and locally.

Time spent on the telephone discussing your matter, including telephone calls with you, also will be billed, as will conferences with others such as investigators, consultants, and experts.

3. Advance Against Fees

Before undertaking representation, our standard practice is to request the payment of an advance against fees, and we normally request payment of additional advances from time to time thereafter. The initial deposit as well as any future deposits will be held in our client trust account.

Any fee deposits remaining at the conclusion of this representation after payments of all fees and costs will be returned to you.

We may withdraw unpaid fees and costs from the trust account in the event you fail to pay as agreed. Failure to pay as agreed will be cause for OTMK to withdraw from your representation.

4. Costs

OTMK will incur on your behalf various costs and expenses in performing legal services under this Agreement. Costs specific to your matter such as investigation and filing fees, process server fees, reasonable costs of travel, out-of-town lodging and meals, courier and express delivery and mail services, deposition and court reporter

fees, computerized legal research, major photocopying, conference calls, and staff overtime, as needed, are itemized and will appear on your monthly statement as separate items.

All costs and expenses are billed at our cost. Larger invoices for outside services generally will be sent directly to you for payment. You agree to pay the costs itemized on your statements in addition to the hourly fees.

5. Fee Estimates

From time to time, OTMK may be asked to provide estimates of anticipated fees. Although we will make every effort to do so in a manner appropriate to the circumstances, these estimates are subject to uncertainties beyond our control. No such estimate should not be viewed as a maximum or minimum fee quotation unless it is expressly identified as such in writing.

6. Preservation of Electronic Discovery

If our representation includes a litigation matter, it is likely that electronic discovery will be involved. Under California and federal law, the obligation to provide discovery of electronic information carries with it the obligation to preserve such information. Failure to preserve all electronic and paper information that is later determined to be of potential importance to pending or threatened litigation can result in a range of sanctions, including in extreme cases the sanction of an adverse judgment. This evidence may also turn out to be critical to your ability to prove facts that support your position in the case or disprove facts that the opposing party offers. Many electronic document storage systems contain programs that automatically overwrite or delete data. It is therefore important that you take appropriate steps to ensure that all information and electronic data that may be relevant is not lost, deleted, or destroyed. As such, we recommend that normal document management policies or automatic purging of electronic records be suspended as to the matters at issue in any pending or threatened litigation until the matter is concluded.

7. Conflicts Review

We have checked for potential conflicts of interest that might have prevented us from providing representation in this matter. Based on the information provided by you, as well as the information available in our files, we are not aware of any conflicts of interest at this time, unless otherwise stated in the letter accompanying these standard terms. If you later learn of any additional parties with an interest in this matter, you should notify us immediately so that we can be certain that they create no problem with this representation. We will conduct a similar search with respect to each new matter you may refer to the firm.

8. Non-Representation of Subsidiaries

OTMK's engagement is with the person or entity to whom this letter is addressed. Unless otherwise agreed to in writing, we do not represent your parent, subsidiary, affiliate, directors, officers, or any other related entity as a client. We do not regard a representation adverse to a parent, subsidiary, affiliate, director, officer, or other related entity as being adverse to you.

9. Billing Statements

We will send you statements on a regular basis for fees and costs incurred. In the usual case, statements are sent to you once a month reflecting work performed, date of the work, amount of time spent, and identity of the person performing the work along with a detail of costs the firm has incurred on your behalf. Payment of each statement will be due, in U.S. dollars, within 30 days of the statement's date.

Your failure to pay the full amount of the statement within 30 days of our billing will be cause for us to withdraw from your representation and pursue collection of your account.

You agree to inform us in writing within 30 days if you question any part of a billing statement, and you agree that billing statements not questioned within that time are accurate.

10. Late Payment

In fairness to the majority of our clients who pay their bills promptly, we have established late-payment procedures designed to charge late payors the costs of carrying their overdue accounts. Payment is due within 30 days after the date on the billing statement. You agree to pay a late charge of 5% of the fees and costs incurred during the billing period covered by the billing statement to OTMK if payment is not received within 30 days.

11. Client's Duties

You agree to be truthful with us, to cooperate, to keep us informed of developments that relate to our services, to abide by this Agreement, to pay our bills on time, and to keep us advised of your current address, telephone number, and your place of employment and telephone number.

You also agree to respond promptly, fully, and accurately to requests for information or documents and to other requests for assistance made by OTMK.

12. Experts

To prepare or present your case or legal position, we may need expert witnesses, consultants, or investigators. We will select and engage them, and you are responsible for their bills. When feasible we will consult with you before engaging an expert, consultant, or investigator on your behalf.

13. Settlement

If we are hired to pursue or defend a claim on your behalf, OTMK will not settle the claim without your approval, and you have the absolute right to accept or reject any offer of settlement. We will notify you promptly of the terms of any settlement proposal that we receive on your behalf.

14. Liens

You grant to OTMK a lien on any and all claims or causes of action that are the subject of our representation and on any advance against fees. Our lien is for any sums owing to us for any unpaid costs, attorneys' fees, or late charges. The lien attaches to any recovery you obtain.

15. Disclaimer of Guaranty

OTMK can make no promises or guarantees about the outcome of this representation. Our comments about the possible outcome of your matter are expressions of opinion only.

16. Cessation of Representation

You may discharge OTMK at any time. OTMK may withdraw with your consent or for cause, subject to an obligation to give you reasonable notice to arrange alternative representation. "Cause" includes your failure to

pay or other breach of this Agreement, refusal to cooperate with us or follow our advice on a material matter, or any fact or circumstance that would render our continuing representation unlawful or unethical.

After our services are concluded, OTMK will, upon your request, deliver your files to you, along with any funds or property of yours in our possession.

OTMK does not have facilities for the storage of paper files after the conclusion of our representation. If you do not wish to have your paper files returned to you after the conclusion of our representation, we may elect to destroy the paper files after prior notice to you. OTMK will maintain files relating to our representation of you in electronic format for a period of five years after your matter is closed. At the end of the five year period, OTMK will have no further obligation to retain your electronic files.

17. Entire Agreement

This statement of standard terms and the letter to which it is attached constitute the entire agreement between you and OTMK. No other agreement or statement made on or before the effective date of this Agreement is binding.

18. Severability

If any provision of this Agreement is held in whole or in part to be unenforceable for any reason, the remainder of that provision and the rest of the Agreement will remain in effect.

19. Modification

This Agreement may be modified by subsequent agreement between you and OTMK only by a writing signed by both parties.

20. Arbitration of Disputes

While we certainly do not anticipate conflict between us, in the event of any material dispute regarding the services provided or fees charged by OTMK which cannot be settled amicably, we both agree that such dispute shall be submitted, as soon as practicable, to final and binding arbitration in Sacramento in accordance with the rules and procedures of JAMS Inc., a private mediation and arbitration facilitator. Any dispute shall be strictly confidential between us and, except for our own representatives, will not be disclosed to any other person or entity.

21. California Law

This Agreement is deemed to be entered into at our principal office in Sacramento, California and shall be interpreted according to California law, regardless of any contrary conflict of law provisions.

22. Negotiated Agreement

This is a negotiated agreement that can be accepted or rejected by the parties. The terms of the Agreement are not set by law. You may consult independent counsel before entering into this Agreement.

23. Additional Terms

The scope of OTMK's representation in this matter is fully set forth in the letter which accompanies this Agreement as are any additional terms relating to this representation.

If, after initial representation, you decide to retain our services for other matters, and we agree to perform them, these Standard Terms shall apply to the other matters as well.



AGENDA SUMMARY REPORT

SUBJECT: Consideration of the Following Actions Associated with the Ukiah Western Hills Open Land Acquisition & Limited Development Agreement Project: 1) Authorize the City Manager to Negotiate and Execute the Easement, Road Access and Maintenance Agreement ("Road Access Agreement"); 2) Authorize the City Manager to Negotiate and Execute the Property Purchase-Sale / Exchange and Development Agreement and Joint Escrow Instructions ("Limited Development and Property Exchange Agreement"); and 3) Approve Corresponding Budget Amendments.

DEPARTMENT: City Manager /
Admin

PREPARED BY: Maya Simerson, Project & Grant Administrator,
David Rapport, City Attorney, Craig Schlatter,
Community Development Director

PRESENTER: Maya Simerson, Project and Grant Administrator

ATTACHMENTS:

1. Easement Road Access and Maintenance Agreement
2. Exchange Development Agreement
3. Draft 3-2-22 Western Hills Project Presentation Draft

Summary: Council will consider the following actions associated with the Ukiah Western Hills Open Land Acquisition & Limited Development Agreement Project: 1) authorize the City Manager to negotiate and execute the Easement and Road Maintenance Agreement; 2) authorize the City Manager to negotiate and execute the Limited Development and Property Exchange Agreement; and 3) approve corresponding budget amendments.

The project will preserve and protect approximately 640 acres of open space in the western hills and redirect/restrict potential residential development to the lower elevations.

Background: The City has a vision, through the City Council's Strategic Plan, to preserve open space in the "Western Hills", and is working towards a goal of promoting the protection of Ukiah's western wildland urban interface to restore and conserve forest and stream ecosystems, provide large-scale wildfire mitigation, and protect the Upper Russian River Watershed to benefit fish, wildlife and the greater Ukiah community. Towards achievement of this goal, the City proposes the Ukiah Western Hills Open Land Acquisition and Limited Development Agreement Project ("Proposed Project"), which includes the following components: 1) acquisition and annexation of approximately 707 acres; 2) rezoning the "Conservation Parcels" to "PF" Public Facilities, and rezoning the "Development Parcels" to "R1-H" Single-family Residential-Hillside Overlay (and associated Zoning Map and General Plan Map Amendments upon approval of the annexation application); 3) sequential Lot Line Adjustments to reconfigure the existing parcels into seven lots ("Development Parcels") for future potential development; 4) execution of a development agreement between Hull Properties and the City allowing up to one single-family home and one accessory dwelling unit on each Development Parcel (up to 14 units total); and 5) site improvements including extension of utilities, road improvements, and construction of the water storage tank(s).

Overall, the project will preserve and protect approximately 640 acres of open space in the western hills (inclusive of the 128 acres donated by Hull in 2019) and redirect/restrict potential residential development to the lower elevations on seven lots consisting of approximately 54 acres identified as the Development Parcels.

At their August 25, 2021, regular meeting, the Planning Commission voted to recommend to Council the adoption of the Initial Study and Mitigated Negative Declaration (ISMND), introduce the Ordinance by title only to prezone certain properties, and approve the overall Proposed Project, as conditioned. The August 25, 2021, Planning Commission meeting and agenda packet can be accessed online at:
<https://ukiahca.civicclerk.com/Web/Player.aspx?id=1113&key=-1&mod=-1&mk=-1&nov=0>.

At the September 15, 2021, regular City Council meeting, Council unanimously voted (Crane absent) to adopt the ISMND, introduce by title only the Ordinance to prezone certain properties (later approved at the October 6, 2021, regular meeting through Ordinance No. 1217), and to approve the Proposed Project, as conditioned. The September 15, 2021, City Council meeting and agenda packet can be accessed online at:
<https://ukiahca.civicclerk.com/Web/Player.aspx?id=1001&key=-1&mod=-1&mk=-1&nov=0>.

Discussion: 1. Road Access Agreement.

The first item for Council's consideration is the Road Access Agreement (Attachment #1), which is a three-party agreement between the City, Adonis and Sarah Noguera, who own property at the end of Redwood Avenue, and David Hull and D&J Investments ("Hull"). It is in final form and has been signed by the Nogueras and David Hull.

The Recitals to the Road Access Agreement in Attachment 1 contain an explanation of the terms of both the Road Access Agreement and those provisions of the Limited Development and Property Exchange Agreement that are relevant to the Road Access Agreement. The following is a brief summary of those Recitals and the terms of the Road Access Agreement.

The Nogueras own two parcels of real property. One parcel, where the Nogueras live (Noguera Residential Parcel), is already in the City limits. The other parcel (Noguera Development Parcel) is outside the City limits and is undeveloped. The road and easement that provide access from Redwood Avenue crosses the Noguera Residential Parcel to the property the City is acquiring from Hull under the Limited Development and Property Exchange Agreement. There was pending litigation between Hull and the Nogueras over the use of that easement to access the Hull Properties. Under the Limited Development and Property Exchange Agreement, the City will acquire/protect approximately 640 acres for open space (called the Open Space Property; inclusive of the 128 acres donated by Hull in 2019) and Hull will reserve the right to development and sell lots within an approximately 54 acre area (called the Hull Development Property). It was, therefore, essential that those disputes be resolved so that the City and Hull could use the easement to get from Redwood Road to the Hull Properties. See Section 2 of this report for the complete explanation of the Limited Development and Property Exchange Agreement.

The Road Access Agreement does the following:

- (1) It provides access from Redwood Road to the Open Space Property and the Hull Development Property;
- (2) It sets forth how the City, Hull and the Nogueras will cooperate in seeking approval from the Local Agency Formation Commission (LAFCo) to provide electric service from the City to the Hull Development Property and the Noguera Development Parcel. This will require both an application to approve an out of area service agreement to serve those areas before they are annexed to the City and an application to annex the Open Space, Hull Development Property and the Noguera Development Parcel;
- 3) It sets forth the agreements regarding Hull constructing a paved road, storm drains and other related improvements within the easement on the Noguera Residential Parcel, and on the Hull Development Property, including Hull's obligation to construct, maintain and repair the road and the monthly fee the City and the Nogueras will pay Hull for that work.
 - a. **Use of the easement by Hull and the City for access and public utilities.** Hull and the City have the right to use the 70 foot-wide easement for access to the Hull property and the property already owned by the City which Hull previously donated to the City ("Donation Parcel"). (The recitals and referenced exhibits in the agreement include a map showing the location of the parcels and the Road used to access them. (Attachment

1, Exhibit 1.) The easement to the City includes public access until the City acquires an alternative access for the general public. Both the City and Hull have the right to use the easement to install and maintain public utilities. **Note:** Under both the Road Access Agreement and the Property Exchange and Limited Development Agreement, public access will be pedestrian access. The public will not have the right to use cars or trucks to access the Open Space Parcels owned by the City.

b. Construction, maintenance and repair of the road and locked gate. . Under the agreement, Hull - or an Association established by Hull, which will include the owners of lots comprising the Development Property ("Hull/Association") - will complete the road improvements (paving 0.5-mile of the existing road and adding a cul-de-sac to serve the Development Property) in compliance with applicable City requirements, and the road will remain under private ownership and be maintained by Hull/Association. After the completion of the proposed road improvements, the City will contribute \$75 per month for road maintenance and repair costs, and the Nogueras will contribute \$50 per month. The City and the Nogueras will not be responsible for any other charges for maintenance or repairs, unless repairing damage caused by the negligence or willful misconduct of the City, the Nogueras or persons using the road with their consent. The monthly fee will increase by a Consumer Price Index specified in the agreement, but not to exceed 3% each year.

c. Application for LAFCo approvals. The agreement requires the parties to cooperate in applying to LAFCo for approval of an out of area service agreement ("OASA") to provide electric service to the Development Property and the Noguera Development Parcel, and annexation of all of the Hull Property (both the Open Space Property and the Development Property), the City Property and the Noguera Development Parcel. The City will have no obligation to provide electric service until LAFCo approves either the OASA or annexation of the property into the City, although Hull will install underground conduit for electrical lines and related facilities and the City will install those lines and facilities before an OASA or annexation is approved by LAFCo.

2. Limited Development and Property Exchange Agreement.

The second item for Council's consideration is the Limited Development and Property Exchange Agreement (Attachment #2; *Note: the following exhibits were not available at the time of agenda publication: J - Memorandum of Hull Reserved Rights for recordation; K-M describing easements granted or reserved by the City and Hull, and O - Association CC&Rs*). The agreement is divided into two main sections: Section 1 under which the City will convey to Hull in exchange for the Hull Property two undeveloped City-owned parcels at the intersection of Gobbi and Orchard Avenue (APNs 003-582-38-00 and 003-181-01-00), and a third property located adjacent to the project site and referred to as the San Jacinta property with access from San Jacinta Drive consisting of approximately 14.19 acres. The City will retain an easement across the San Jacinta property that would allow for public utilities and access through the property should public trail access be identified in the future.

One of the two Gobbi parcels is currently zoned Public Facilities (PF) and the City will go through the re-zoning process at City expense to convert it to Commercial (C1).

The San Jacinta property is zoned Residential 1 (R1) and has two Mendocino County Assessor Parcel Numbers (APNs), showing two parcels on the County Assessor's Parcel Map, but they appear to have been merged into one legal parcel. The draft of the agreement in Attachment 2 was prepared before it was discovered that the deed to this property describes the San Jacinto property as one parcel. The staff and Hull agree that Attachment 2 will be revised to set forth the procedure the City will use to convey the San Jacinta property to Hull as two separate parcels, each of which can be developed with one house. In addition, the agreement imposes the requirements of the City's Residential Hillside Protection District on both parcels.

All of these properties proposed for exchange have been appraised by a licensed appraiser. Based on those appraisals, the value of the Hull Properties, not counting the Development Property, exceeds the value of the City property by \$1.2M. Accordingly, the agreement requires the City to pay Hull that amount upon close of escrow. Since those appraisals assumed that the San Jacinta property consisted of two parcels, the agreement must be revised to provide that the San Jacinta property will be conveyed to Hull when it consists of two legal parcels.

In addition to retaining the right to sell the Hull Development Property, Hull will also have the right to use all nine parcels to be conveyed to the City plus the Donation Parcel to perform boundary line adjustments as allowed by law on parcels located outside the Open Space Property area. Boundary line adjustments change the boundaries of property, but do not increase the number of parcels resulting from those adjustments. Hull can perform these adjustments himself or sell that right to others. Some of them will be used to create the seven parcels within the Hull Development Property, if and when LAFCo approves the annexation of those properties into the City, or in the event annexation is not approved, Hull can use or sell the reconfigured properties for uses permitted under the applicable County zoning and other land use regulations. He can perform these lot line adjustments until such time that the Open Space Property consists of one legal parcel.

Hull retains the right to sell any or all of the Development Parcels before or after annexation is approved by LAFCo. If he sells a parcel prior to annexation, a recorded covenants, conditions and restrictions (CR&Rs) will bind the purchaser to obtain a use permit as required in the City's Residential Hillside Protection District (Ukiah City Code ("UCC") Sections 9135-9139), but the required use permit will be issued by the Association rather than the City Planning Commission. Once the property is annexed and the City has jurisdiction, the use permit application must be heard and decided upon by the Planning Commission. However, Hull can withdraw from the annexation process if LAFCo has not approved the annexation within a year of the LAFCo Executive Officer determining that the application is complete. For three years from that determination, Hull must continue to participate in the annexation application process if he fails to give notice of termination at least 60 days before the end of the first two years.

As stated in the Road Access Agreement, Hull is required to install underground conduit for electrical lines to serve the Development Property, and the City is required to install the electrical lines, transformers, and other equipment necessary to provide electric service to the Hull Development Property. The City will own and maintain the utility infrastructure. Lastly, under the Agreement, Hull/Association will develop a community sewer system and develop wells and distribution lines for water service to the Development Property and septic systems with a sewer line connected to the City's sewer system. Water and sewer system will be owned and maintained by the Association and the parcel owners. The City will own and operate the electric system.

The Agreement also requires the City to negotiate an agreement with Ukiah Wireless to allow it to continue using its antenna on the property. If they fail to reach agreement, the City must give Ukiah Wireless six months to relocate. Hull also reserves the right to allow a caretaker to reside in an RV on the Development Parcels as a caretaker.

There are certain elements built into the Limited Development and Property Exchange Agreement that will be put into effect if the application for annexation is terminated by Hull or denied by LAFCo. These actions are as follows:

- Hull will retain the right to develop the 54 acres of Development Parcels under County of Mendocino zoning laws.
- Hull will retain the right to use all nine of the Open Space Parcels and the Donation Parcel for lot line adjustments and related use as described above.
- If an Out of Area Service Agreement (OASA) is approved by LAFCo, the City will continue to furnish electrical service.

In addition, if the City Council were to fail to zone the Development Parcels as single-family residential parcels in the Hillside Protection District or rezone the parcels, to the extent that the decision results in fewer than seven parcels available for single family residential development, the City would be liable for any loss of value or income incurred by Hull.

The main goal of the project is to acquire and preserve open space. This would enable source water

preservation, fire mitigation, scenic resources, and biological preservation. In addition to this goal of open space preservation, the City will be able to ensure limited, orderly, clustered low-density, single-family housing development (up to 14 units total) within the Development Parcels (54 acres), which would fulfill a portion of the above moderate-income units of housing allocated to the City through its Regional Housing Needs Allocation (RHNA) for the 2019-2027 Housing Element Planning Cycle. Successful acquisition of the property will also allow for potential public and municipal uses such as development of hiking trails, and possible sites for critical public infrastructure, should these uses be pursued in the future.

Funding for the project will be sourced from the Electric Utility Department, the Water Resources Department, and the General Fund in amounts proportionate to their benefit from the property. The distribution will be \$350,000 from both the Electric and Water funds and \$500,000 from the General Fund.

A copy of the draft staff presentation for this item is included as Attachment #3. Staff recommends that City Council take the following actions associated with the Ukiah Western Hills Open Land Acquisition & Limited Development Agreement Project: 1) authorize the City Manager to negotiate and execute the Easement and Road Maintenance Agreement; 2) authorize the City Manager to negotiate and execute the Limited Development and Property Exchange Agreement; and 3) approve budget amendments to Fund 80126100.80210 PC18305 in the amount of \$350,000, Fund 82027111.80210 PC18305 in the amount of \$350,000, and Fund 10022100.80210 PC18305 in the amount of \$500,000.

Recommended Action: Approve the following actions; 1) Authorize the City Manager to Negotiate and Execute the Easement, Road Access and Maintenance Agreement ("Road Access Agreement"); 2) Authorize the City Manager to Negotiate and Execute the Property Purchase-Sale / Exchange and Development Agreement and Joint Escrow Instructions ("Limited Development and Property Exchange Agreement"); and 3) Approve Corresponding Budget Amendments.

BUDGET AMENDMENT REQUIRED: Yes

CURRENT BUDGET AMOUNT: Electric: 80126100.80210 PC 18305 \$0; Water: 82027111.80210 PC 18305 \$0k; GF (Parks): 10022100.80210 PC 18305 \$0

PROPOSED BUDGET AMOUNT: Electric: 80126100.80210 PC 18305 \$350k; Water: 82027111.80210 PC 18305 \$350k; GF (Parks): 10022100.80210 PC 18305 \$500k

FINANCING SOURCE: Electric Fund 800, Water Fund 820, and General Fund 100

PREVIOUS CONTRACT/PURCHASE ORDER NO.: N/A

COORDINATED WITH: Maya Simerson, Program Administrator, Michelle Irace, Planning Manager, Sage Sangiacomo, City Manager, David Rapport, City Attorney, Craig Schlatter, Community Development Director, Sean White, Water Resources Director, Mel Grandi/ Cindy Sauers, Electric Utilities Director, Dave Hull, Property Owner, and Adonis and Sarah Noguera, Property Owners.

Approved: 
Sage Sangiacomo, City Manager

Recording Requested By And
When Recorded Mail To:

Mendocino County A.P. Nos.:

SPACE ABOVE THIS LINE FOR RECORDER'S USE

EASEMENT, ROAD ACCESS AND MAINTENANCE AGREEMENT

THE UNDERSIGNED GRANTOR DECLARES: DOCUMENTARY TRANSFER TAX \$ 0 CO. \$ 0 CY.
EASEMENT - No Consideration - Cal. Rev & Tax Code §11911

This Easement, Road Access and Maintenance Agreement ("Agreement") is made and entered into in Ukiah, California, effective as of February 17, 2022 ("Effective Date"), by and among David J. Hull, individually and as Trustee of the David J. Hull Living Trust, and D&J Investments, LLC, a California limited liability company (collectively "Hull"), Adonis Noguera and Sarah M. Noguera, husband and wife (collectively "the Noguerras"), and the City of Ukiah, a general law California City ("City"). Individually, Hull, the Noguerras and the City may be referred to herein as a "Party," and collectively as the "Parties."

RECITALS:

A. Hull and the Noguerras have entered a written settlement agreement ("Settlement Agreement") and release finally resolving litigation between them (Mendocino County Superior Court, Cases number - SCUK CVG 18-71292 and 18-71805), which Settlement Agreement incorporates and is conditioned upon the entry of this Agreement.

B. The Noguerras own two parcels of real property: one is commonly known as 603 Redwood Avenue, Ukiah (Mendocino County Assessor Parcel Number ("APN") 003-110-90, 003-110-70- "Noguerras Residential Parcel"); and the second parcel is designated as APN 003-190-09 ("Noguerras Development Parcel"). A single-family dwelling exists on the Noguerras Residential Parcel, and the Noguerras Development Parcel is largely undeveloped. The Noguerra Development Parcel and the Noguerra Residential Parcel are described in **Exhibit 1** attached hereto and incorporated by reference (collectively, "Noguerra Property"). The Noguerras Residential Property is located within the Ukiah City Limits. The Noguerras Development Parcel is located outside the Ukiah City Limits.

C. Hull owns nine (9) parcels of real property, which are more particularly described in **Exhibit 2** attached hereto and incorporated herein by reference (collectively "Hull Properties"):

D. City owns the real property commonly knowns as APNos 157-050-03 and 157-060-03 and more particularly described in the legal description(s) attached hereto and incorporated herein by reference as **Exhibit 3** (collectively "City Property").

E. A map depicting and identifying the Parties' above-referenced properties is attached hereto and incorporated herein by reference as **Exhibit 4**

F. Hull and the City are entering a Property Purchase/Exchange and Development Agreement ("Exchange Agreement") pursuant to which, among other things, and as more particularly described there: the Hull Properties will be transferred to City; the City will apply to the Mendocino County Local Agency Formation Commission ("LAFCO") to annex the Hull Properties and upon approval of the annexation by LAFCO the City will zone and/or preserve as open space over 500 acres of the Hull Properties; the City will zone the balance of acreage comprising the Hull Properties (including the Hull Residential Parcels as defined below) in the City's Single-Family Residential-Hillside Overlay District (R1-H) as more particularly described in Table 1, below; Hull will reserve, retain, and/or be granted the exclusive right and power to use (including to sell) nine (9) of the ten (10) legal parcels and to boundary line adjust all ten (10) legal parcels within the Hull Properties and City Property (the Hull Properties and City Property may be collectively referred to in this Agreement as the "Hull-City Properties") to lands within and/or outside the Hull-City Properties¹, all at his discretion, as may otherwise be lawful, provided, however, that the lot line adjustments do not reduce the total acreage of the Hull-City Properties situated outside of the Hull Residential Parcels (as this latter term is defined below); Hull will reserve the exclusive right and power to develop and sell, all at his discretion as may be lawful, up to seven (7) of those legal parcels in the eastern portion of the Hull Properties, as described and depicted in the map attached hereto as **Exhibit 5** ("Hull Residential Parcels"²) as part of a private, gated, residential development; Hull will reserve an exclusive easement on the Road (defined below) as it is situated on the Hull Residential Parcels in gross and appurtenant to the Hull Residential Parcels as more particularly explained below and will convey to the City a non-exclusive easement for access and utilities on the Road for the benefit of, and which shall be appurtenant to, all of the Hull Properties conveyed to the City under the Exchange Agreement, as well as the City Property; and, should certain events occur (e.g., due to failed annexation, etc.),

¹ By way of further explanation, Hull has the right to use the boundary line adjustment process, as may be lawful, to reconfigure all ten (10) of the legal parcels within the Hull-City Properties' boundaries, such that: (a) the City will be left with one (1) of the ten (10) legal parcels, which will encompass all lands lying within the boundaries of the Hull-City Properties with the exception of the Hull Residential Parcels; (b) up to seven (7) of the ten (10) legal parcels will lie within the Hull Residential Parcels; and, (c) the balance of the ten (10) legal parcels will be used by Hull outside the boundaries of the Hull-City Properties.

² The approximate acreage of the Hull Residential Parcels is fifty-five (55) acres. Exhibit 5, comprised of two pages labeled in said exhibit as "Exhibit 'C1' and 'Exhibit 'C2'," depicts the approximate future configuration of said parcels. Presently, Parcels 1 and 2 of the Hull Residential Parcels shown in Exhibit 5 are established legal parcels. Hull and the City intend, pursuant to the Exchange Agreement, to work cooperatively to establish up to an additional five (5) legal parcels within the balance of the fifty-five (55) acres comprising the Hull Residential Parcels lands. The residential use easement conveyed by the Nogueras under this Agreement is intended to be limited to the approximately fifty (55) acres (Parcels 1 and 2 and approximately 40+/- adjacent acres), however such lands may be ultimately configured (and not exceeding seven (7) legal parcels).

Hull will have the right to, among other things, require that the City transfer back to Hull the Hull Residential Parcels.

Table 1. Annexation Parcels, Proposed Lot Line Adjustment and Rezoning

Parcel	Proposed Size (acres) through Lot Line Adjustments	Resulting Parcel Configuration, Intended Use and Proposed Pre-zoning
1	9.8	Parcel 1 has been reconfigured by Hull pursuant to the boundary line adjustment process, thereby establishing an existing legal parcel situated within the Hull Residential Parcels intended for single family residential development and pre-zoned and zoned R1-H.
2	5.1	Parcel 2 has been reconfigured by Hull pursuant to the boundary line adjustment process, thereby establishing an existing legal parcel situated within the Hull Residential Parcels intended for single family residential development and pre-zoned and zoned R1-H.
3	9.9	Parcel 3 will be a legal parcel situated within the Hull Residential Parcels intended for single family residential development and pre-zoned and zoned R1-H.
4	9.0	Parcel 4 will be a legal parcel situated within the Hull Residential Parcels intended for single family residential development and pre-zoned R1-H.
5	5.0	Parcel 5 will be a legal parcel situated within the Hull Residential Parcels intended for single family residential development and pre-zoned and zoned R1-H.
6	9.7	Parcel 6 will be a legal parcel situated within the Hull Residential Parcels intended for single family residential development and pre-zoned and zoned R1-H.
7	5.0	Parcel 7 will be a legal parcel situated within the Hull Residential Parcels intended for single family residential development and pre-zoned and zoned R1-H.

G. Upon the close of escrow under the Exchange Agreement the City will submit an application to LAFCO to annex Hull Properties and any portion of the Noguera Property not presently lying within the City's boundaries. It shall also submit an application to LAFCO for an out of area service agreement entered into by the City and Hull for provision of utilities services to the Hull Residential Parcels in accordance with the Exchange Agreement and, an out of area service agreement entered into by the City and the Noguerras to the Noguera Property with which applications Hull and the Noguerras will join and/or consent as reasonably required. Except as otherwise expressly stated herein, the approval or denial of those applications shall have no effect on the City's or Hull's rights or obligations under this Agreement. Notwithstanding that, the parties acknowledge that denial of the applications may result in the inability to provide or obtain actual service of the utilities referenced in this Agreement, which event shall result in no

liability under this Agreement as between the Parties. Such applications shall be at City's expense and at no material cost to the Noguerras or Hull.

H. Pursuant to the Exchange Agreement, covenants, conditions, and restrictions ("CCRs") will be recorded against the lands comprising the Hull Residential Parcels and Hull shall reserve the exclusive right to create an association ("Association") to govern the Hull Residential Parcels lands, at Hull's discretion and in compliance with this Agreement. The CCR's will run with the land and bind the owner(s) of the Hull Residential Parcels. The CCR's will require that any pre-annexation construction comply with the City's hillside zoning R1-H. Each owner of any parcel comprising any part of the Hull Residential Parcels shall be a member of the Association. However, neither the City nor Noguerras shall be members of the Association (unless subsequently purchasing part of the subject land, or added as the Association may permit) but shall contribute toward the costs of shared facilities as provided in this Agreement.

I. Pursuant to the Exchange Agreement, notwithstanding the City's record ownership/title to the lands comprising the Hull Residential Parcels, Hull shall initially be the sole member of the Association. The Association will be governed by Hull pursuant to the City's irrevocable assignment of voting, membership, and other rights, interests, and privileges as would otherwise inure to the benefit of an owner of a parcel within the Hull Residential Parcels. Upon any sale of a parcel by Hull, pursuant to Hull's reserved rights, the voting, membership, and other rights, interests, and privileges associated with that parcel will be automatically transferred to the parcel purchaser, all subject to the CCRs and the Association's rules and regulations, whereupon the purchaser of the parcel shall become a member of the Association. City agrees that upon its annexation, the Noguerras shall be allowed to develop the Noguerras Development Parcel for residential use in accordance with law, including, but not limited to, the applicable land use regulations and the City's obligation to conduct, as an impartial decision maker, any hearings or environmental reviews required to approve said development. Except as otherwise required by law, such residential development shall not be impeded by the development and uses discussed herein. Hull agrees that he shall not object in any way to the development of the Noguerras Development Parcel for residential use. Noguerras agree that they shall not object in any way to the development of the Hull Residential Parcels.

J. There presently exists a private road extending westerly from Redwood Avenue, a public street, in Ukiah, California, through the Noguera Property onto property owned by Hull, which road splits and one portion of which continues northerly, where it eventually reenters the Noguerras Development Parcel before traversing westerly and back on to and within the Hull Properties, continuing through to the balance of the Hull Properties. This road is shown on the map attached hereto and incorporated herein by reference as **Exhibit 6 ("Road")**.

K. Among other obligations, Hull, the owner(s) of the Hull Residential Parcels, and once established the Association, will be responsible for maintaining the Road, the locked gate located near the intersection of Redwood Avenue and the Road, and related improvements, which it (or Hull) intends to install / construct within the Hull Residential Parcels, on the Road, and within the Easement Area (as that term is defined below), such as paving, storm drains, other drainage facilities, and the water systems (wells, pumps, storage tanks, lines, valves, etc.) and sewer

systems (holding / processing tanks, pumps, lines, valves, etc.) that serve the Hull Residential Parcels (collectively "Road & Development Improvements"). For clarity, Hull intends to construct water systems only within or about the Hull Residential Parcels for the benefit of those parcels and the only sewer line Hull intends to install is an effluent line. There will be no water system or lines installed by Hull to which the Noguera Property may connect. The intended sewer system will be installed within and about the Hull Residential Parcels except that the effluent line will also be installed adjacent to the Road within the Easement Area, which will connect to the City's sewer system on Redwood Avenue. The effluent line will allow for connection by Noguera's Development Parcel; however, neither Hull nor City shall bear any responsibility to install or develop any sewer system / line other than an effluent line.

Connection of the effluent line to the City sewer system, and its use by Hull or the Noguera's, is subject to the City's approval and compliance with Division 4, Chapter 2, commencing with Section 3700 of the Ukiah City Code, as it may be amended from time to time. Hull will also be responsible for trenching and installing underground conduit per the City's specifications for electrical lines required to serve the Hull Residential Properties and to allow for a connection location for the Noguera's Development Parcel ("Electrical Conduit"). The City will be responsible for installing the balance of electrical components (including, e.g., the lines within the conduit, splice boxes, transformers, and other components - collectively "Electrical Utilities") sufficient to provide residential electrical service to the Hull Residential Parcels and the Noguera's Development Parcel and for maintaining such utilities adjacent to the Road, including those within the Easement Area, all of which shall be subject to the City's duly adopted rules, policies and standards governing its Electric Utility, including, but not limited to, Division 4, Chapter 7, commencing with Section 4000 of the Ukiah City Code ("Electric Utility Requirements"). Upon assignment by Hull to the Association of Hull's rights under this Agreement, notice of which shall be provided to City and the Noguera's, Hull shall be deemed released from all obligations under this Agreement³, but only if a declaration is recorded with the Mendocino County recorder that: (1) makes the Association's compliance with this Agreement a mandatory duty of the Association; (2) requires assessments of the members in the full amount required to cover the full costs of the obligations attributable to the Association under this Agreement; (3) provides that such provisions in the declaration are not subject to amendment by the Association or its members or by any court; and, (4) makes the City and the Noguera's (and their successors and permitted assigns) as to their right, title, and interest in and to the Hull-City Properties and Noguera Property, respectively, third party beneficiaries of these provisions of the declaration. Notwithstanding the preceding sentence, should the Association fail to exist as a separate legal entity, the collective owners of the Hull Residential Parcels shall be deemed the Association for purposes of said provision.

³ This provision shall apply to any permitted successor or assign of Hull as provided below. In the case of a permitted successor or assign, Hull shall be released from all obligations under this Agreement and said successor or assign shall inure to the benefits and obligations of Hull under this Agreement. The term "Permitted Successor or Assign" in plural or singular form shall mean the transferee of Hull's reserved development rights in the Hull Residential Parcels in the event Hull elects to transfer or assign such rights.

L. The Nogueras desire to confirm and convey to Hull, the Association and City a non-exclusive easement for ingress and egress, and for the Road & Development Improvements, Electrical Conduit, and Electrical Utilities, in the area within the Noguera Property as more particularly described in Exhibit 7 (comprised of two pages labeled in said exhibit as Exhibit "A" and Exhibit "B") attached hereto and incorporated herein by reference, for the benefit of the Hull Properties—inclusive of the Hull Residential Parcels—and the City Property (the "Easement Area") ("Easements"). The Easements shall benefit and be in gross to Hull (and his permitted successors and assigns) and the Association and shall also be appurtenant to the Hull Properties and the City Property. The in gross easement as to Hull individually (or, if applicable, his permitted successors and assigns) shall terminate once all of the Hull Residential Parcels are sold and transferred by the City to a third party pursuant to Hull's direction as permitted by the Exchange Agreement. The in gross easement as to the Association shall exist in perpetuity so long as (i) the Association exists as a legal entity and (ii) remains obligated to perform or subject to responsibilities under this Agreement. The Easements will fully accommodate the intended uses discussed herein (residential and open space), but shall not accommodate a conversion of non-residential property to residential use without the Nogueras (or their successors) written agreement.

M. The Road and Road & Development Improvements shall be designed to enable the Nogueras to construct a driveway to the Nogueras Development Parcel. The Road design will adhere to the City's standards as set forth in Division 9, Chapter 1, Article 5 of the Ukiah City Code ("UCC") for roads serving the type of residential subdivision applicable to the Hull Residential Parcels as specified in Division 9, Chapter 1, Article 3 of the UCC ("Applicable City Street Standards"). Neither Hull nor City shall have any obligation in this regard beyond the referenced design or as otherwise stated in this paragraph M.

N. Hull—and once established the Association—will maintain the Road and Road & Development Improvements from the eastern boundary of the Nogueras Development Parcel to the westerly boundary of the Hull Residential Parcels. The Nogueras (and their successors) and City will pay monthly maintenance fees to the Association for the same as described below.

O. The Parties hereby enter into this Agreement to accomplish the above objectives and once signed by the Nogueras they cannot revoke their commitment during the City of Ukiah City Council process of reviewing and taking action on the Agreement.

AGREEMENT:

WHEREFORE, in reliance upon and in consideration of the above-recitals, which are hereby incorporated into the terms of this Agreement by reference, and for other good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the Parties agree as follows.

1. Easements. Subject to the terms of this Agreement, the Nogueras, and each of them, do hereby grant to Hull, the Association, and City, as to each separately—and to their permitted successors and assigns—a non-exclusive easement for ingress, egress, and public and private utilities, over, on, under, and through the Easement Area.

a. Easement to Hull & Association. Said grant of easement is:

(1) Appurtenant to the real property described in **Exhibit 5** (comprised of Exhibit C1 and C2) (including parcels created therein or re-subdivisions thereof) which may be used for all lawful purposes, including but not limited to, residential development and use.

(2) In gross to Hull and the Association, together with the right and power of Hull to convey this easement to Permitted Successors or Assigns (as defined above in footnote 3 to this Agreement). Said in gross grant of easement, including any re-conveyance thereof, is limited to the following purposes: installation, construction, maintenance, repair, and improvement of the Road, Road & Development Improvements, Electrical Conduit, Electrical Utilities, the residential development of the real property described in Exhibit 5 (and any re-subdivisions thereof or parcels created therein), and for otherwise performing obligations required under this Agreement.

b. Easement to City. Said grant of easement:

(1) Is appurtenant to the real property described in **Exhibit 5** (comprised of Exhibit C1 and C2) (including parcels created therein or re-subdivisions thereof) which may be used for all lawful purposes, including but not limited to, residential development and use.

(2) Is appurtenant to the real property described in **Exhibit 2** and **Exhibit 3** attached hereto (including as may be configured in the future), and except as to those portions of said lands described in Exhibit 5 (the uses for which are governed by the preceding provision), said easement may not be used for residential purposes but may be used for all uses authorized in a Public Facilities (PF) zoning district in the City of Ukiah.

(3) Permits access for City officers, agents, contractors, employees, volunteers, and members of the general public, provided that general public access will be revoked at such time as alternative general public access has been established.

c. All Easements. Said grants of easement each:

(1) Include the right to use, construct, reconstruct, repair, replace, maintain and inspect facilities used to provide utilities including but not limited to, electrical, cable, telecommunications, gas, sewer and water. Said facilities include, but are not limited to, conduits, cables, manholes, vaults, utility poles, guying equipment, semi buried or ground mounted facilities such as pads, transformers, cable or communication pedestals and other necessary or convenient facilities used for these purposes. All above-ground facilities and equipment shall blend with, rather than contrast to, the surrounding environment to the extent practicable. Natural screening shall be used to achieve such aesthetic.

(2) In the event the City and/or Hull determine it necessary to access the real property described in Exhibit 1 beyond the Easement Area to perform their obligations under this Agreement, which includes actions to erect, maintain, and replace signs and markers warning of the location of facilities installed in accordance with the rights conveyed under this Agreement, and to survey within said easement and to place or replace surveying stakes and monuments of a permanent nature within the parameters of the land described in Exhibit 1, said party or parties may request in writing to the owner of the affected portion of the Noguera Property the limited right to access to that property for such purpose. Said owner(s) shall promptly respond and not unreasonably withhold permission for such limited access. If such request is granted in writing by the owner, such limited additional access made be made. Emergency circumstances shall be exempt from the request/response requirements of this provision. In any event, as minimal a burden as reasonably possible shall be imposed beyond the Easement Area to perform Hull's, the Association's, and the City's respective obligations under this Agreement; and

(3) Include all other lawful rights consistent with said grants and shall supplement, and not amend or replace, any recorded easements in existence as of the Effective Date that benefit the real properties described in Exhibits 1, 2, 3, and/or 5 ; and,

(4) The appurtenant easements shall run with the lands, including any parcels created within those lands.

2. **Representation & Warranty.** The Nogueras represent and warrant there are no liens or encumbrances against the Noguera Property that may restrict or diminish the rights conveyed by the Easements and they have not and will not act in a manner that may restrict or diminish such rights.

3. **Design of the Nogueras' Drive:** The Road and Road & Development Improvements shall be designed to permit the Nogueras' continued use of the existing driveway to the Nogueras Development Parcel, which design will adhere to the standards described in Recital M regardless of annexation. Neither Hull nor City shall have any obligation regarding the Nogueras' driveway beyond that mentioned in this section 3.

4. **Electrical Utilities:** Within a commercially reasonable period of time after Hull's written notice to City that the Electrical Conduit has been installed in compliance with the Electric Utility Requirements and approval thereof by the City, the City shall install, at no cost to Hull or the Nogueras, the Electrical Utilities to enable connection by the Hull Residential Parcels and the Nogueras Development Parcel. The installation of the Electrical Utilities by the City and their connection to Hull Residential Parcels and the Nogueras Development Parcel must comply with the Electric Utility Requirements. The City shall have no obligation to inspect or approve the connection to the Nogueras Development Parcel or any parcel within the Hull Residential Parcels to the Electrical Utilities or to provide electric service to those parcels until LAFCO has finally approved either (1) an out of area service agreement to serve them pursuant to Government Code Section 56133 or (2) the annexation of the parcels by the City. After the

Electrical Utilities are installed by the City, it shall thereafter maintain, repair, and reconstruct them in compliance with the Electrical Utility Requirements.

5. Maintenance of Road and Road & Development Improvements. Hull, and once established the Association, or the owner(s) of the Hull Residential Parcels, shall maintain the locked gate, the Road, and the Road & Development Improvements in a safe and serviceable condition, clearing the Road of debris or other impediments to unobstructed travel, repairing cracks and potholes to maintain a smooth travel surface, repairing or, if necessary, reconstructing road segments which have exceeded their useful life or have base failure, and maintaining and repairing drainage facilities as necessary to their functioning as designed. The design of any gates and above-ground utilities located on the Noguera Property shall be approved in writing by the owners of the Noguera Property prior to the installation or construction of such improvements. Approval shall not be unreasonably withheld. Notwithstanding that, such gates and utilities existing as of the Effective Date shall be deemed approved.

6. Maintenance Fee. Commencing on the first of the month following formation of the Association, the City shall pay a monthly fee of \$75.00 to Hull and the Noguerras shall pay a monthly fee of \$50.00 to Hull. On its formation, the fees will be payable to the Association. On the anniversary date of the completion of the Road and on the first day of the same month each year thereafter, the monthly fee shall be adjusted upward, not to exceed a maximum of 3%, by the percentage change in the value in the prior twelve months of the All Urban Consumers Consumer Price Index (CPI-U), all items, for the San Francisco-Oakland-Hayward, CA, area (Base Period 1982 — 1984 = 100), not seasonally adjusted, as compiled and published by the U.S. Department of Labor, Bureau of Labor Statistics or its successor index.

7. Use of Road. The Easements shall provide the City, Hull, and the Association ingress and egress to the Hull Properties for the installation, construction, use, and maintenance, repair, and improvement of the Road and Road & Development Improvements, Electrical Conduit, and Electrical Utilities and for the development of the Hull Residential Parcels and residential use of such parcels. The Easement is intended to be in gross to Hull and the Association for the development of the Hull Residential Parcels and installation, construction and maintenance, repair, and improvement of the Road and Road & Development Improvements. The Easement is intended to be appurtenant to the Hull Properties and City Property, conveying the rights just described to the City and any successors in interest and assigns of the individual Hull Residential Parcels. As to the City only, the Easement is intended to convey to the City access rights including its officers, agents, contractors, employees, volunteers and members of the general public, to access the Hull Properties and the City Property. However, general public access will be revoked at such a time as alternative general public access has been established that is satisfactory to the City in accordance with the Exchange Agreement. There are no restrictions on time or days of use or types of vehicles. The City and the Noguerras, and the Noguerras' successors as to the Noguerras Development Parcel, shall at all times be provided with the current combination or other means and/or information required to unlock and lock the gate.

8. Use of Utilities. Subject to Section 4 of this Agreement and the generally-applicable requirements of the utility provider, including the Electrical Utility Requirements, the Hull

Residential Parcels and Nogueras Development Parcel shall have the right to connect to the Electrical Utilities .

9. Indemnification. Each of the Parties shall indemnify, defend, and hold harmless each of the other Parties from all costs, expenses, damages, liabilities, claims, and judgments ("Claims") resulting from the indemnifying Party's negligent or intentionally wrongful use of the Road or Road & Development Improvements, Electrical Conduit, or Electrical Utilities, or failure to adequately maintain or repair the same, including Claims resulting from use by the indemnifying Party's guests and invitees. As to the Electrical Conduit and Electrical Utilities, the City's indemnification obligation under Sections 9, 10 and 12 shall not exceed the liability of a municipal electric utility. The Parties' indemnity obligation as provided in this Section 9 includes, but is not limited to, payment of all attorney's fees, costs, damages, and expenses incurred by the indemnified party and any awards against the indemnified party associated with the Claims. These indemnification obligations and rights shall inure to the benefit and obligation of the Parties' successors in interest. Once the Association is established and Hull no longer owns any real property identified herein, Hull shall be deemed released from any future indemnity obligation under this Agreement.

10. Insurance. Hull, the Association, the permitted successors and assigns and the owners of the Hull Properties shall obtain and maintain in force policies of liability insurance in amounts they deem prudent to cover liability for death, injury, and property damage arising from, and occurring during, construction of the Road and Road & Development Improvements, Electrical Conduit contemplated by this Agreement. Such policies of insurance shall provide coverage for claims of personal injury, bodily injury, death and property damage in or about the Easement Area arising from any such construction activities of the Road, Road & Development Improvements, and Electrical Conduit with a liability limit in the amount of at least One Million and 00/100 Dollars (\$1,000,000.00) per occurrence, with a general aggregate limit of at least Two Million and 00/100 Dollars (\$2,000,000.00). Upon request, a copy of the insurance policy then in force shall be delivered to the owner of the Noguera Property.

11. Damage. The costs to repair any damage to the Road, Road & Development Improvements, Electrical Conduit, or Electrical Utilities other than from normal wear and tear, shall be the exclusive responsibility of the Party (including their guests, invitees, employees and/or contractors) that negligently or intentionally caused such damage. Payment of such costs shall be timely and promptly made to the Association upon demand by the Association (or to Hull until the Association is established). Hull—and once established, the Association—shall maintain the exclusive right to make, arrange for, and to undertake the repairs consistent with the design and purposes of the Road and Road & Development Improvements, except that City shall make any required repairs to the Electrical Conduit and Electrical Utilities.

12. Dispute Resolution. Any dispute among the Parties, including their permitted successors or assigns, concerning the interpretation or enforcement of this Agreement or their respective compliance with this Agreement shall be resolved as follows. Before filing any action in court to resolve the dispute, a Party must give the other parties written notice of the dispute, describing in detail the Party's position. If a Party claims a breach of or noncompliance with the Agreement,

the Party making that claim must give the other parties written notice describing the breach or noncompliance and the actions the other parties must take to cure the same. The Parties must meet and confer in good faith to resolve the dispute. If the breach or noncompliance is not cured or the Parties have failed to resolve the dispute within thirty (30) days after the notice is given, a dissatisfied Party or Parties may file an action in Mendocino County Superior Court. Other than the required notice and the requirement to meet and confer as provided herein, any action to interpret or enforce this Agreement shall be subject to all generally applicable requirements, including, but not limited to, statutes of limitation and claim filing requirements as to claims against City and applicable procedures applicable to the City's Electrical Utility or any other public utilities provided by the City to the Hull Residential Parcels or the Noguera Property. The requirement to meet and confer shall not prevent immediately filing an action in court for equitable relief, to prevent imminent and irreparable harm, or to preserve the statute of limitations.

13. **Notice.** Whenever notice, payment or other communication is required or permitted under this Agreement, it shall be deemed given when personally delivered or, other than for payment, when emailed (if receipt acknowledged) or 48 hours after deposit into the United States mail with proper first-class postage affixed thereto and addressed as provided below in this section. Any Party may by such notice given to all other Parties modify the addresses at which notice under this Agreement may be provided (and, in Hull's case, upon the Association's establishment, such notice shall be given to the Association in place of Hull upon notice by Hull)

Hull

Nogueras

City

Email:

Email:

Email:

14. **Integration.** This Agreement contains the entire agreement among the Parties pertaining to the Easement and the installation and maintenance and use of the Road and Road & Development Improvements and the Electrical Conduit and Electrical Utilities, and the payment therefor, and supersedes and replaces any prior or contemporaneous inconsistent agreements or statements by any of the Parties. This Agreement may be altered or amended only by a written agreement approved and executed by all of the Parties.

15. **Counterparts.** This Agreement may be executed in duplicate each with original signatures or in counterparts. A copy with counterpart original signatures or an executed copy with original signatures shall be admissible in any administrative or judicial proceeding as evidence of the terms of this Agreement. The Agreement may be circulated by email in PDF format for signature. Signatures on electronically delivered copies of the Agreement shall be deemed original signatures for all purposes.

16. Partial Invalidity. If any term or provision of this Agreement is found by a court with proper jurisdiction to be invalid or unenforceable to any extent, the remainder of this Agreement will not be affected thereby, and each remaining term and provision of this Agreement will be valid and enforced to the fullest extent permitted by law so long as the primary purposes and intent of, and the relative benefits to and obligations of each of the Parties under, this Agreement is fulfilled.

17. Waivers. No waiver of any breach of any covenant or provision contained herein will be deemed a waiver of any preceding or succeeding breach thereof, or of any other covenant or provision contained herein. No waiver of any provision hereof shall be effective unless in a writing signed by the waiving party.

18. Successors and Assigns. This Agreement is binding upon and inures to the benefit of the Parties and their successors, heirs and assigns.

19. No Third-Party Beneficiaries. This Agreement is made and entered solely for the benefit of the Parties and the Association, including its members. This Agreement is not intended for the benefit of any third party beneficiaries other than the Association and its members. Once the Association is established, it shall be deemed a party to this Agreement as otherwise provided herein.

WHEREFORE, the Parties have entered this Agreement on the Effective Date.

HULL

CITY OF UKIAH

NOGUERAS

By: _____

David J. Hull
Individually, as Trustee of
the David J. Hull Living
Trust and for D&J
Investments, LLC

By: _____

Sage Sangiacomo,
City Manager

ATTEST

By: _____

Kristine Lawler, City Clerk

By: _____

Adonis Noguera

By: _____

Sarah Noguera

****NOTARY FORM(S) TO FOLLOW****

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of Mendocino)

On February 17, 2022, before me, Gina Testa Vau, Notary Public, personally appeared **Adonis Noguera and Sarah Noguera**, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature  (Seal)

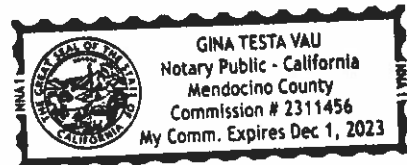


EXHIBIT 1

Recording Requested by
Redwood Empire Title Company

And When Recorded Mail to:

ADONIS NOGUERA AND SARAH NOGUERA
603 REDWOOD AVENUE
UKIAH CA 95482

2018-04363
Recorded at the request of:
REDWOOD TITLE
04/18/2018 10:38 AM
Fee: \$28.00 Page: 1 of 5
OFFICIAL RECORDS
Susan M. Ranchohak - Clerk-Recorder
Hendocino County, CA



THIS SPACE FOR RECORDERS USE ONLY

13	FILED
✓	PCO
	FILED
	Exempt

QUITCLAIM DEED

DOCUMENT TITLE

The undersigned declares that the document to which this page is affixed and made a part of is exempt from the fee imposed by the Building Homes & Jobs Act (SB2-2017) (GC 27388.1)

Reason for exemption:

- ☐ Not related to real property - GC 27388.1(a)(1)
- ☒ Recorded concurrently "in connection with" a transfer subject to the Imposition of Documentary Transfer Tax - GC 27388.1 (a)(2)
Exemption Code
- ☒ Transfer of real property that is a residential dwelling to an owner-occupier - GC 27388.1 (a)(2)
- ☐ Recorded concurrently "in connection with" a transfer of real property that is a residential dwelling to an owner-occupier - GC 27388.1(a) (2)
- ☐ Maximum \$225.00 fee per transaction reached - GC 27388.1 (a)(1)

Signature
Sarah M. Wagner

4/17/18
Date
4/17/18

THIS PAGE IS ADDED TO PROVIDE DECLARATION OF BUILDING
HOMES & JOBS ACT (SB2-2017) FEE EXEMPTION
ADDITIONAL RECORDING FEE APPLIES

WHEN RECORDED

RETURN TO:

Adonis & Sarah Noguera
603 Redwood Avenue
Ukiah, CA 95482

The undersigned Grantor declares that
the Document Transfer Tax is \$ 0
Pursuant to RT 11930

QUITCLAIM DEED

FOR VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

Adonis Noguera and Sarah Noguera, husband and wife, as joint tenants

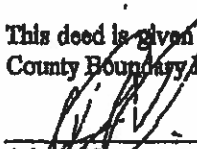
hereby REMISE, RELEASE, AND FOREVER QUITCLAIM to:

Adonis Noguera and Sarah M. Noguera, husband and wife, as joint tenants

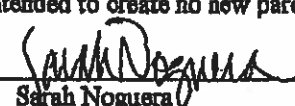
The following described real property in the County of Mendocino, State of California

SEE ATTACHED EXHIBITS "A" and "B" (Parcel 2 of City File No. 3282, County BLA 2017-0060)

This deed is given pursuant to City of Ukiah Lot Line Adjustment File No. 3282 and Mendocino County Boundary Line Adjustment 2017-0060 and is intended to create no new parcel.



Adonis Noguera



Sarah Noguera

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA
COUNTY OF MENDOCINO

On Feb. 2, 2018, before me, Alexander C. Rich notary public

personally appeared Adonis Noguera and Sarah Noguera
who proved to me on the basis of satisfactory evidence to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same in their authorized capacities and that by their signatures on the instrument, the persons, or the entity upon behalf of which the persons acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal

Signature



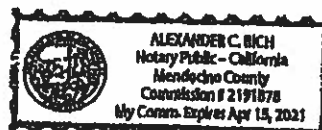


EXHIBIT "A"

(Parcel 2 City LIA File No. 3282)
(Parcel 2 Mendocino County BIA 2017-0060)

Any and all lands and any and all interest thereto lying within the following described real property:

All that certain property situated partially in the City of Ukiah and partially in the County of Mendocino, State of California, more particularly described as follows:

TRACT ONE:

BEGINNING at a 3/4 inch pipe set to mark the southerly terminus of the course "South 07°15'00" East, 207.42 feet", as shown on a map filed in Map Case 2, Drawer 5, Page 42, Mendocino County Records; thence South 69°59'00" West, 62.37 feet to a 3/4 inch pipe; thence South 80°39'00" West, 109.00 feet; thence South 79°37'51" West, 128.59 feet to the west line of the Yokayo Rancho, as shown on the said map; thence along the said west line North 00°48'11" West, 237.70 feet to the centerline of a creek as shown on the said map; thence downstream along the centerline of the said creek the following; South 58°08'00" East, 140.00 feet; South 40°00'00" East 50.00 feet; South 85°38'00" East, 98.32 feet; thence leaving the centerline of the said creek North 02°42'53" West, 30.08 feet to a 1/2 inch pipe with a plastic plug marked L.S. 3089; thence continuing North 02°42'53" West, 75.65 feet to a 1/2 inch pipe with a plastic plug marked L.S. 3089; thence North 07°42'16" East, 43.12 feet to the southerly right of way line of Redwood Avenue as shown on the said map; thence along the said southerly right of way line North 85°17'00" East, 20.48 feet; thence leaving the said southerly right of way line South 07°42'16" West, 45.70 feet; thence South 02°42'53" East, 126.54 feet; thence South 37°09'28" East, 42.80 feet to the Point of Beginning.

AP 003-110-70

TOGETHER WITH the following:

Beginning at the southeast corner of Lot 1 of Section 30, Township 15 North, Range 12 West, Mount Diablo Base and Meridian as shown on the Record of Survey Map recorded in Map Case 2, Drawer 27, Page 1, Mendocino County Records; thence along the east line of said Lot 1, North 00°36'58" West, 361.55 feet to a point on the centerline of a private road as shown on said map; thence leaving said east line and along the centerline of said road from a tangent of South 76°16'40" West along a curve to the right with a radius of 400.00 feet, a central angle of 12°31'50" and an arc length of 87.48 feet; thence South 88°48'30" West, 197.15 feet; thence along a curve to the right with a radius of 135.00 feet, a central angle of 33°34'30" and an arc length of 79.11 feet; thence North 57°37'00" West, 50.70 feet; thence along a curve to the left with a radius of 40.00 feet, a central angle of 77°01'00" and an arc length of 53.77 feet; thence along a curve to the right with a radius of 60.00 feet, a central angle of 49°12'00" and an arc length of 51.52 feet; thence North 85°26'00" West, 2.51 feet to a point on the west line of said Lot 1; thence leaving said road and along the said west line South 00°21'25" East, 375.83 feet to the southwest corner of said Lot 1; thence along the south line of said Lot 1 North 88°25'18" East, 502.19 feet to the Point of Beginning.

Portion of AP 003-120-02

TRACT TWO:

Together with a non-exclusive 70 foot easement for ingress, egress and public utilities lying 35 feet on each side of the centerline of the easement as shown over Lot 1 on the Record of Survey recorded September 2, 1975 in Map Case 2, Drawer 27, Page 1, Mendocino County Records.

This deed is given pursuant to City of Ukiah Lot Line Adjustment File 3282 and Mendocino County Boundary Line Adjustment 2017-0060 and is intended to create no new parcel.

The Boundary Line Adjustment shall not relinquish, remise, release or terminate any prior right, interest in rights-of-way, easements, or other rights which may be appurtenant to and/or an encumbrance to the subject property.

This real property description has been prepared by
me or under my direction in conformance with the
Professional Land Surveyor's Act.

Ron W. Franz
Ron W. Franz L.S. 7173

1-23-18
Dated



The above legal description creates a lot line adjustment
pursuant to the City of Ukiah Lot Line Adjustment File
No. 3282 which has been approved by the City of Ukiah
in accordance with Section 66412(d) of the Subdivision
Map Act and is intended to create no new parcel.

APPROVED

[Signature]
City Engineer

Recording Requested by
Redwood Empire Title Company

And When Recorded Mail to:

ADONIS NOGUERA AND SARAH NOGUERA
603 REDWOOD AVENUE
UKIAH CA 95482

2018-04384

Recorded at the request of:

REDWOOD TITLE

04/18/2018 10:39 AM

Fee: \$22.00 Pgs: 1 of 4

OFFICIAL RECORDS

Susan M. Ranchohak - Clerk-Recorder
Mendocino County, CA



\$20.00
PAID
PCO
FILED
Exempt

THIS SPACE FOR RECORDERS USE ONLY

QUITCLAIM DEED

DOCUMENT TITLE

The undersigned declares that the document to which this page is affixed
and made a part of is exempt from the fee imposed by the Building Homes
& Jobs Act (SB2-2017) (GC 27388.1)

Reason for exemption:

- ☐ Not related to real property - GC 27388.1(a)(1)
- ☒ Recorded concurrently "In connection with" a transfer subject to
the Imposition of Documentary Transfer Tax - GC 27388.1 (a)(2)
Exemption code
- ☒ Transfer of real property that is a residential dwelling to an
owner-occupier - GC 27388.1 (a)(2)
- ☒ Recorded concurrently "In connection with" a transfer of real property
that is a residential dwelling to an owner-occupier - GC 27388.1(a) (2)
- ☐ Maximum \$225.00 fee per transaction reached - GC 27388.1 (a)(1)

Signature

Sarah M. Noguera

Date

4/17/18

4/17/18

THIS PAGE IS ADDED TO PROVIDE DECLARATION OF BUILDING
HOMES & JOBS ACT (SB2-2017) FEE EXEMPTION
ADDITIONAL RECORDING FEE APPLIES

WHEN RECORDED

RETURN TO:

Adonis & Sarah Noguera
603 Redwood Avenue
Ukiah, CA 95482

The undersigned Grantor declares that
the Document Transfer Tax is \$ 0
Pursuant to RT 11930

QUITCLAIM DEED

FOR VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

Adonis Noguera and Sarah Noguera, husband and wife, as joint tenants

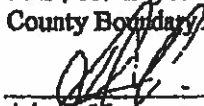
hereby REMISE, RELEASE, AND FOREVER QUITCLAIM to:

Adonis Noguera and Sarah Noguera, husband and wife, as joint tenants

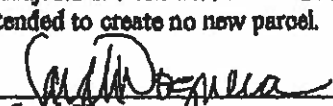
The following described real property in the County of Mendocino, State of California

SEE ATTACHED EXHIBITS "A" and "B" (Parcel 1 of City File No. 3282, County BLA 2017-0060)

This deed is given pursuant to City of Ukiah Lot Line Adjustment File No. 3282 and Mendocino County Boundary Line Adjustment 2017-0060 and is intended to create no new parcel.



Adonis Noguera



Sarah Noguera

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA
COUNTY OF MENDOCINO

On Feb. 2, 2018 before me, Alexander C. Rich, notary public,

personally appeared Adonis Noguera and Sarah Noguera
who proved to me on the basis of satisfactory evidence to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same in their authorized capacities and that by their signatures on the instrument, the persons, or the entity upon behalf of which the persons acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal

Signature 

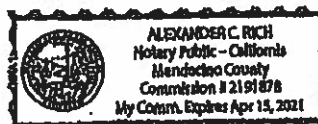


EXHIBIT "A"

(Parcel 1 City MIA File No. 3282)
(Parcel 1 Mendocino County BIA 2017-0060)

Any and all lands and any and all interest thereto lying within the following described real property:

All that certain property situated in the County of Mendocino, State of California, more particularly described as follows:

TRACT ONE:

Lot 1 of Section 30, Township 18 North, Range 12 West, Mount Diablo Base and Meridian.

EXCEPTING THEREFROM the following:

Beginning at the southeast corner of said Lot 1 as shown on the Record of Survey map recorded in Map Case 2, Drawer 27, Page 1, Mendocino County Records; thence along the east line of said Lot 1, North $00^{\circ}36'58''$ West, 351.55 feet to a point on the centerline of a private road as shown on said map; thence leaving said east line and along the centerline of said road from a tangent of South $76^{\circ}16'40''$ West along a curve to the right with a radius of 400.00 feet, a central angle of $12^{\circ}31'50''$ and an arc length of 87.48 feet; thence South $88^{\circ}48'30''$ West, 197.15 feet; thence along a curve to the right with a radius of 135.00 feet, a central angle of $33^{\circ}34'30''$ and an arc length of 79.11 feet; thence North $57^{\circ}37'00''$ West, 80.70 feet; thence along a curve to the left with a radius of 40.00 feet, a central angle of $77^{\circ}01'00''$ and an arc length of 53.77 feet; thence along a curve to the right with a radius of 60.00 feet, a central angle of $49^{\circ}12'00''$ and an arc length of 51.52 feet; thence North $85^{\circ}26'00''$ West, 2.51 feet to a point on the west line of said Lot 1; thence leaving said road and along the said west line South $00^{\circ}21'25''$ East, 375.83 feet to the southwest corner of said Lot 1; thence along the south line of said Lot 1 North $88^{\circ}25'18''$ East, 502.19 feet to the Point of Beginning.

Portion of AP 003-190-02

TRACT TWO:

Reserving therefrom a non-exclusive 70 foot easement for ingress, egress and public utilities lying 35 feet on each side of the centerline of the easement as shown over Lot 1 on the Record of Survey recorded September 2, 1975 in Map Case 2, Drawer 27, Page 1, Mendocino County Records.

TRACT THREE:

That certain 70 foot wide easement over the northwest quarter of the northeast quarter of Section 30, Township 18 North, Range 12 West, Mount Diablo Base and Meridian to the Lands of Ross as described in the Order Approving Agreement for Exchange of Easements recorded April 9, 1976 and shown on the Record of Survey recorded September 2, 1975 in Map Case 2, Drawer 27, Page 1, Mendocino County Records.

This deed is given pursuant to City of Ukiah Lot Line Adjustment File 3282 and Mendocino County Boundary Line Adjustment 2017-0060 and is intended to create no new parcel.

The Boundary Line Adjustment shall not relinquish, remise, release or terminate any prior right, interest in rights-of-way, easements, or other rights which may be appurtenant to and/or and encumbrance to the subject property.

This real property description has been prepared by me or under my direction in conformance with the Professional Land Surveyor's Act.

Ron W. Franz 123-18
Ron W. Franz L.S. 7173 Dated



The above legal description creates a lot line adjustment pursuant to the City of Ukiah Lot Line Adjustment File No. 3282 which has been approved by the City of Ukiah in accordance with Section 66472(d) of the Subdivision Map Act and is intended to create no new parcel.

APPROVED:

[Signature]
City Engineer

2018-04-304 Page 4 of 404/182018 38:03 AM

Exhibit "B"

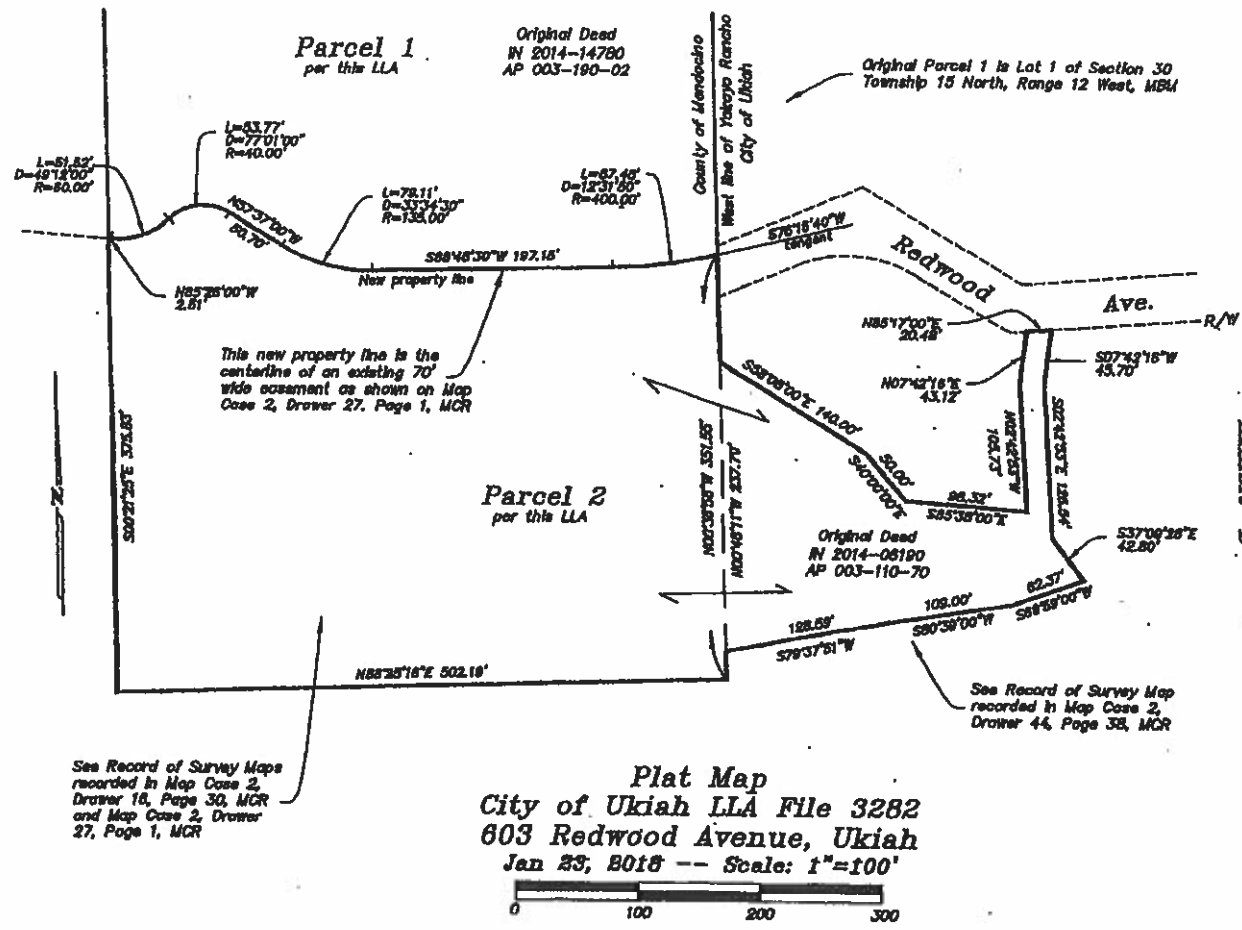


EXHIBIT 2

EXHIBIT 2
(Hull, Bengston, D&J Investments)

All that certain property situated in the County of Mendocino, State of California, more particularly described as follows:

All those properties located within Sections 19 and 30, Township 15 North, Range 12 West, and within Sections 25 and 26, Township 15 North, Range 13 West, Mount Diablo Meridian, described in the following nine deeds:

1. Instrument No. 2021-10029, Mendocino County Records, D&J Investments, LLC
2. Instrument No. 2021-15566, Mendocino County Records, D&J Investments, LLC
3. Instrument No. 2021-15567, Mendocino County Records, D&J Investments, LLC
4. Instrument No. 2020-08216, Mendocino County Records, Hull
5. Instrument No. 2021-10034, Mendocino County Records, D&J Investments, LLC
6. Instrument No. 2021-10033, Mendocino County Records, D&J Investments, LLC
7. Instrument No. 2021-10032, Mendocino County Records, Bengston
8. Instrument No. 2021-10031, Mendocino County Records, D&J Investments, LLC
9. Instrument No. 2020-18046, Mendocino County Records, Hull, EXCEPTING THEREFROM all that portion land described in Instrument No. 2020-18046 that was granted from Hull to the City of Ukiah by way of Instrument No. 2020-18047.

EXHIBIT 2

EXHIBIT 3

After recording mail to:

City of Ukiah, a general law municipal corporation
300 Seminary Ave.
Ukiah, CA 95482

CONFORMED COPY

Copy of Document Recorded on
03/03/2021 09:23:58 AM
as 2021-03361
Mendocino County Clerk-Recorder

Order No.: 20203118DN

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GRANT DEED
DOCUMENT TITLE**

This document is being re-recorded to Correct the spelling of the Grantor's name;
Grant Deed originally recorded December 31, 2020 as
Document number: 2020-18047, Mendocino County Records.

SEPARATE PAGE - PURSUANT TO GOVERNMENT CODE 27361.6

RECORDING REQUESTED BY:
Redwood Empire Title Company of Mendocino
County

Mail Tax Statements and
When Recorded Mail Document To:
City of Ukiah, a general law municipal corporation
300 Seminary Avenue
Ukiah, CA 95482

2020-18047
Recorded at the request of:
REDWOOD EMPIRE TITLE
12/31/2020 09:37 AM
Fee: \$0 Pgs: 1 of 8
OFFICIAL RECORDS
Katrina Bartolome - Clerk-Recorder
Mendocino County, CA



Escrow No.: 20203118DN

SPACE ABOVE THIS LINE FOR RECORDER'S USE

GRANT DEED

The undersigned grantor(s) declare(s) Documentary Transfer Tax stamps in the sum of -0- NO RECORDING FEE
PURSUANT TO RTC-11922

- ☐ computed on full value of property conveyed, or
- ☐ computed on full value less value of liens or encumbrances remaining at time of sale,
- ☒ Unincorporated area: of



FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,
David

~~David~~ J. Hull, a married man, as his sole and separate property

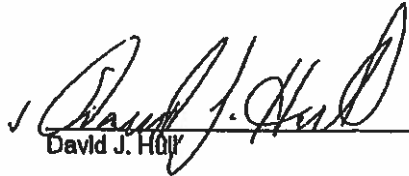
hereby GRANT(S) to

City of Ukiah, a general law municipal corporation

the following described real property:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF;

Dated: December 15, 2020


David J. Hull

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of Mendocino

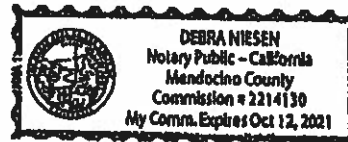
On Dec 15, 2020 before me,
Debra Niesen, Notary Public,
personally appeared David J. Hull

David J. Hull who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

Witness my hand and official seal.

Signature Debra Niesen (Seal)
Debra Niesen



Escrow No.: 20203118DN
Title Order No.:

EXHIBIT A

THE LAND REFERRED TO HEREIN BELOW IS DESCRIBED AS FOLLOWS:

Lots 3, 6, 7 and 8 and the west half of Lots 4 and 5, all in Section 25, Township 15 North, Range 13 West, M.D.M.

Excepting therefrom all the coal and other minerals reserved by the United States in the Patents recorded March 15, 1945 in Book 182 of Official Records, Page 212, and recorded April 10, 1949 in Book 258 of Official Records, Page 273, Mendocino County Records.

A.P.N.: 157-050-03-05, 157-060-03-05

Pursuant to Certificate of Compliance recorded December 22, 2020 as 2020-17564 of Official Records.

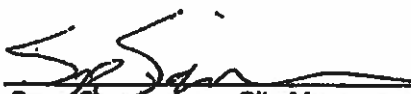


City of Ukiah

CERTIFICATE OF ACCEPTANCE

This certifies that the interest in real property conveyed by the Grant Deed, dated December, 15, 2020, from David J. Hull to the City of Ukiah, a general law municipal corporation, is hereby accepted by order of the undersigned officer on behalf of the City of Ukiah pursuant to authority conferred by resolution of the City Council of the City of Ukiah adopted on February 1, 1961, and the Grantee consents to recordation thereof by its duly authorized officer.

By:


Sage Sangiacomo, City Manager

APN 156-060-03

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

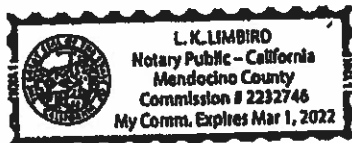
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
 County of Mendocino)
 On December 15, 2020 before me, L. K. Limbird
 Date Here Insert Name and Title of the Officer
 personally appeared Sage Lee Sangiacomo
 Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature L. K. Limbird
 Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: Certificate of Acceptance
 Document Date: December 15, 2020 Number of Pages: 1
 Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: Sage Lee Sangiacomo

- ☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator

☒ Other: City Manager
 Signer Is Representing: _____

Signer's Name: _____

- ☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator

☐ Other: _____
 Signer Is Representing: _____

EXHIBIT 4

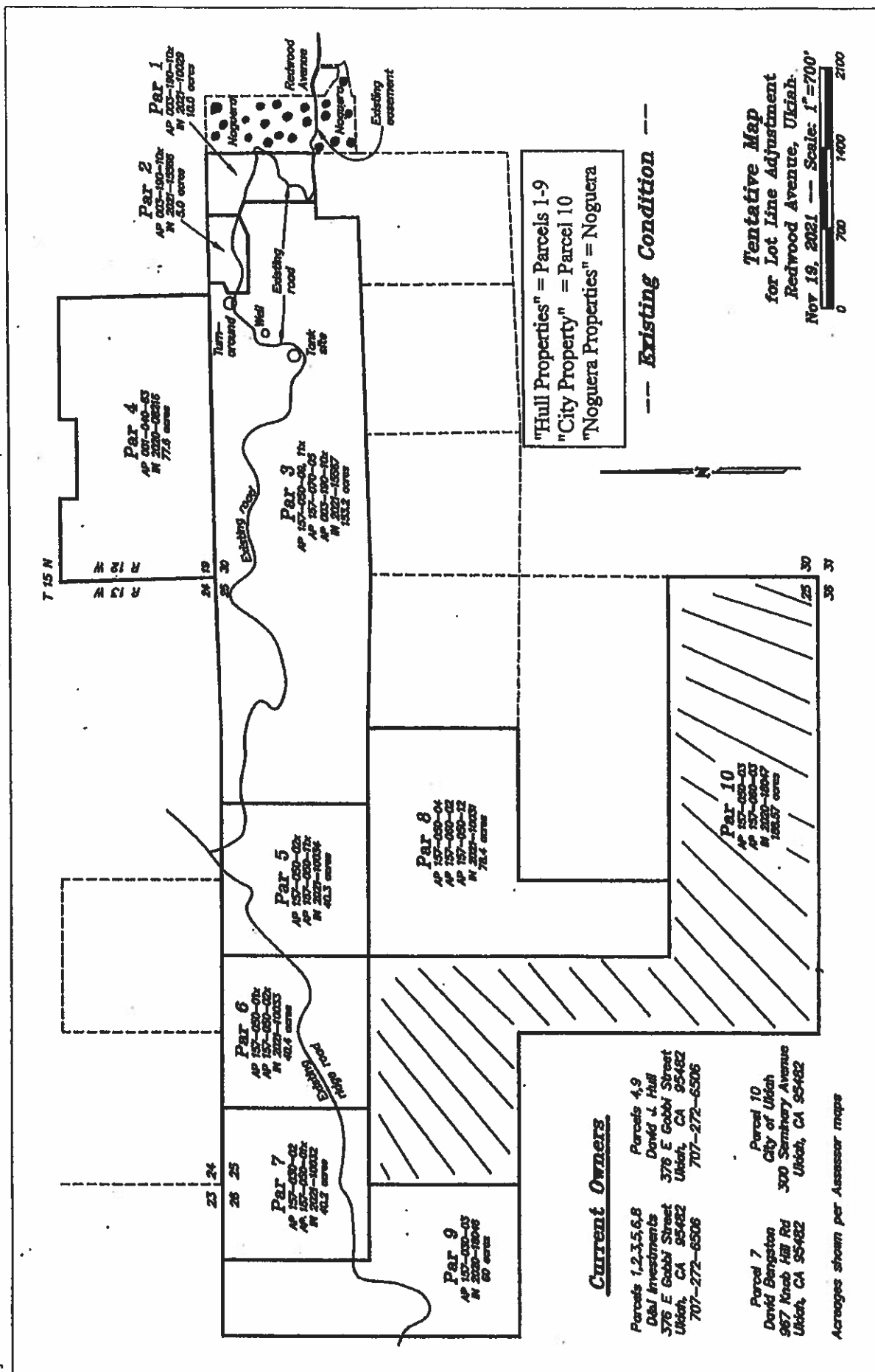


EXHIBIT 5

EXHIBIT "C1"
(Hull and D&J Investments)

All that certain property situated in the County of Mendocino, State of California, more particularly described as follows:

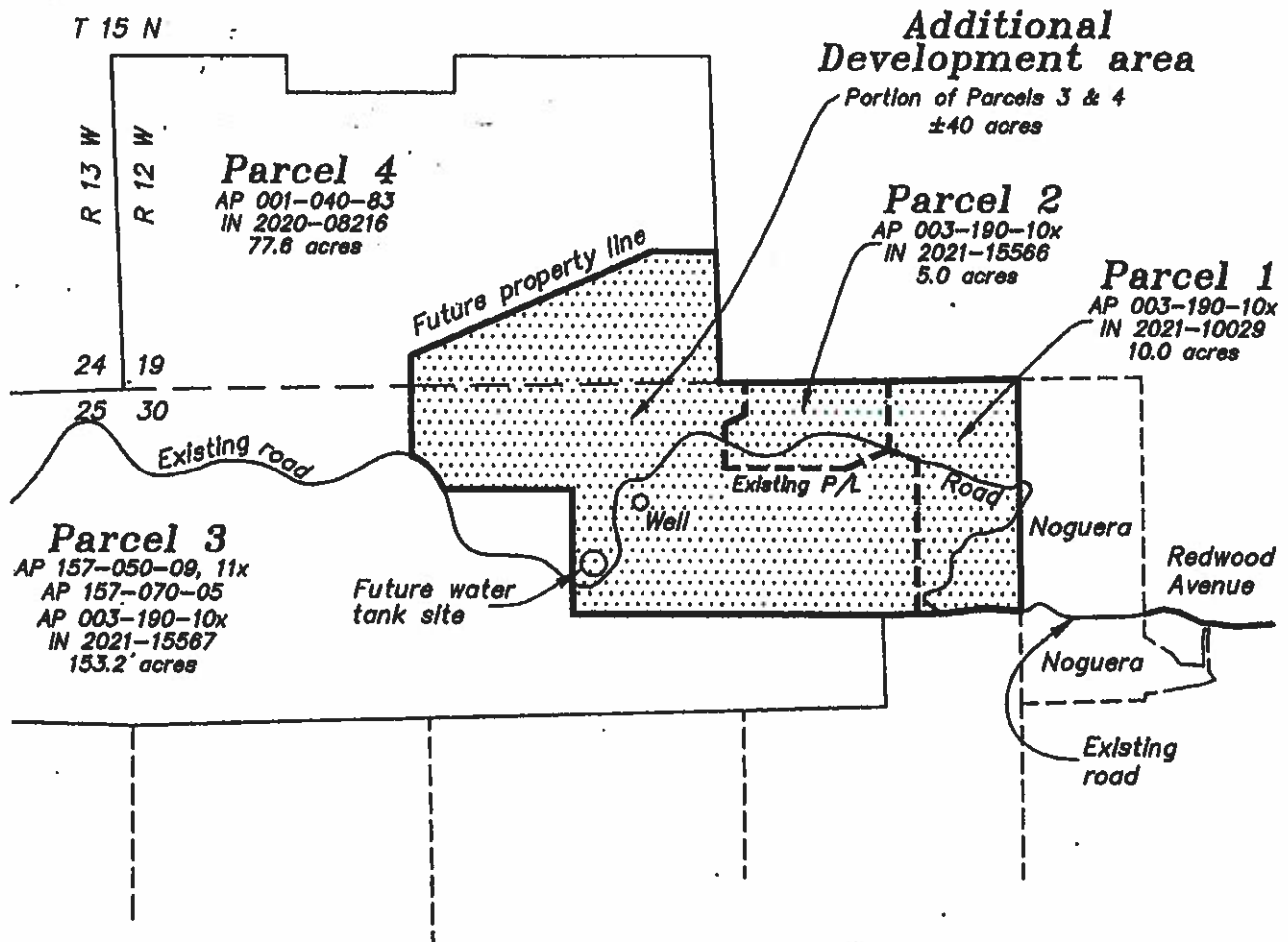
All those properties located within Sections 19 and 30, Township 15 North, Range 12 West, Mount Diablo Meridian described as follows:

1. All of that property described in Instrument Number 2021-10029, Mendocino County Records, labeled as Parcel 1 on the attached Exhibit "C2". (Owned by D&J Investments, portion of AP 003-190-10)

2. All of that property described in Instrument Number 2021-15566, Mendocino County Records, labeled as Parcel 2 on the attached Exhibit "C2". (Owned by D&J Investments, portion of AP 003-190-10)

3. An approximate 40 acre area lying within the properties described in Instrument Numbers 2020-08216 and 2021-15567, Mendocino County Records, labeled as Parcels 3 and 4 on the attached Exhibit "C2". (Owned by Hull and D&J Investments, portion of AP 001-040-83, portion of AP 003-190-10 and portion of AP 157-070-05). This area is shown on the attached Exhibit "C2", labeled Additional Residential Development Area.

Exhibit "C2"



Note:

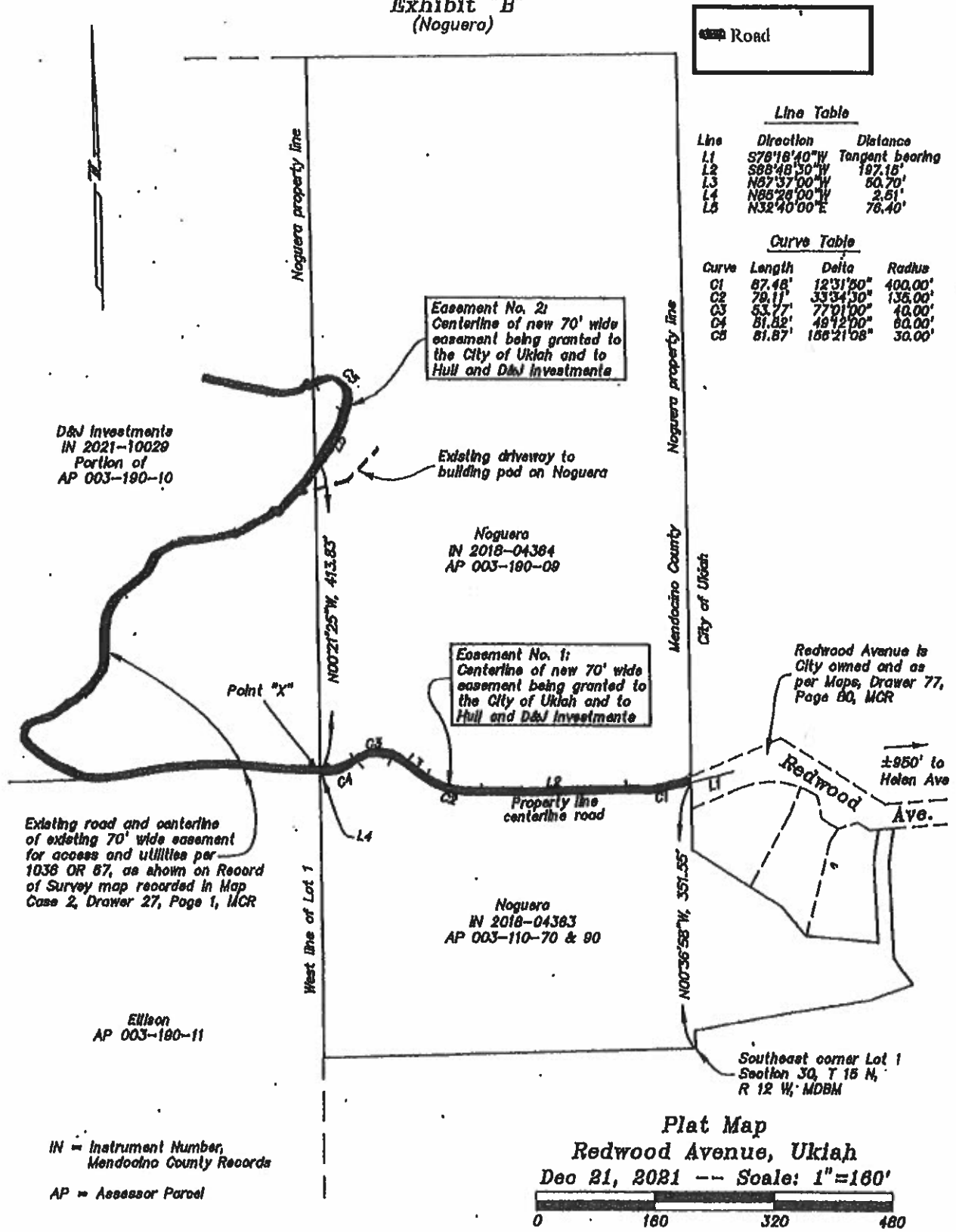
Shaded area = Residential Development Area
(aka Hull Residential Parcels)

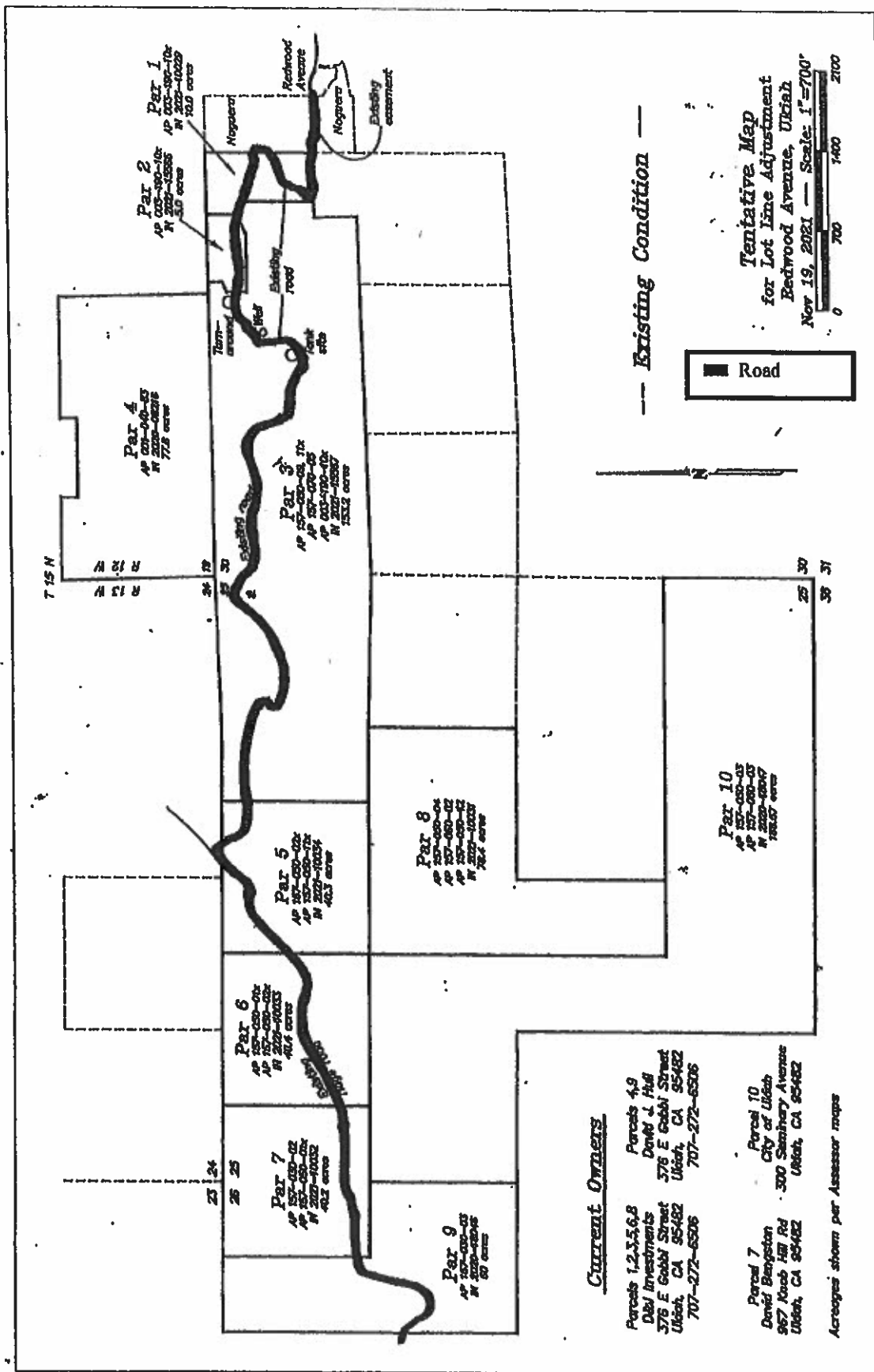
**Residential
Development Area**
Redwood Avenue, Ukiah
Jan 10, 2022 -- Scale: 1"=700'



EXHIBIT 6

Exhibit "B"
(Noguera)





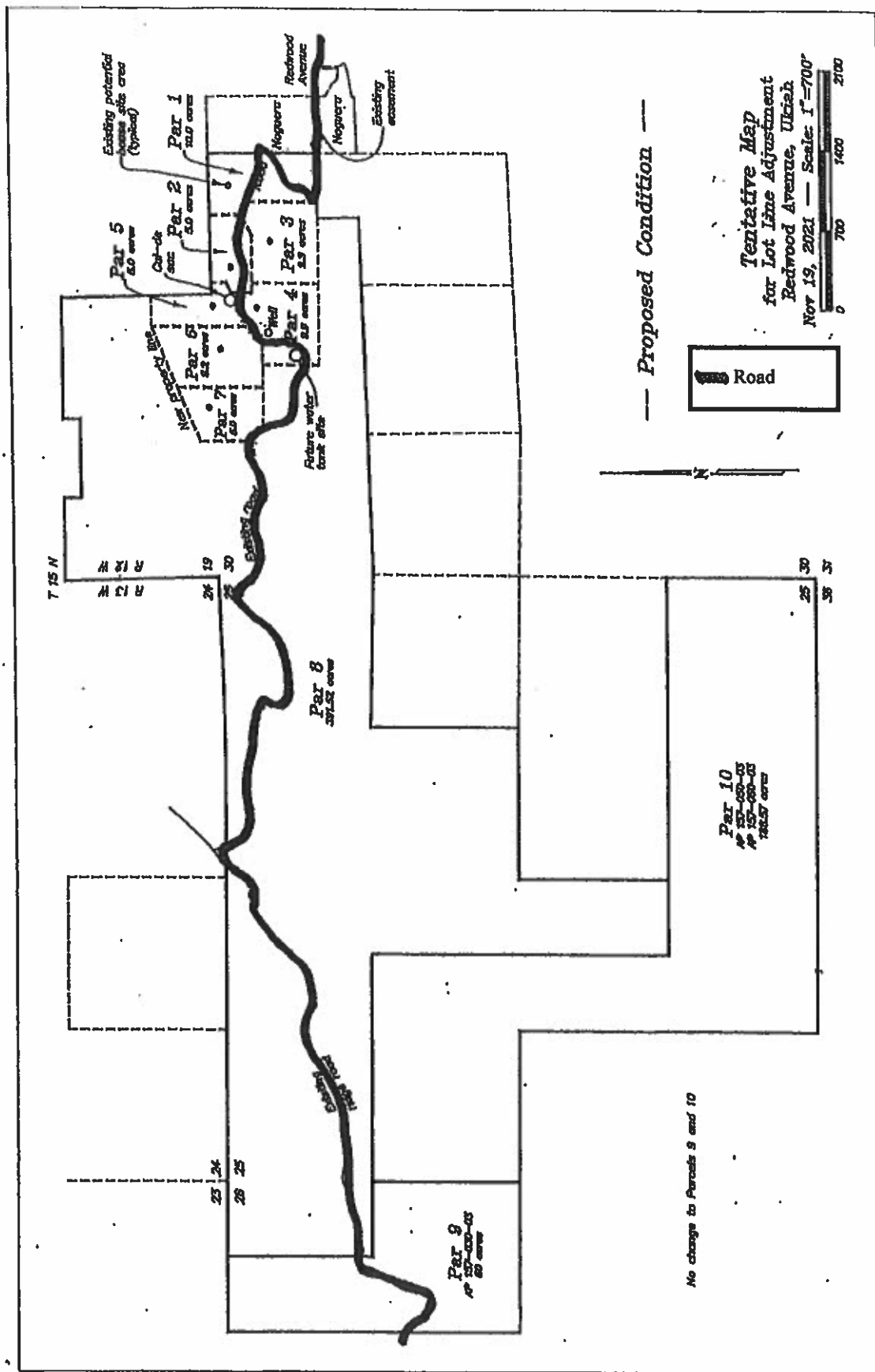


EXHIBIT 7

EXHIBIT "A"

(Noguera)

Two 70 foot wide non-exclusive easements over a portion of the Noguera properties as described in the Quitclaim Deeds recorded April 18, 2018 as Instrument Numbers 2018-04363 and 2018-04364, Mendocino County Records as shown on the attached EXHIBIT "B" and the centerlines of said easements are as described below:

Easement No. 1:

COMMENCING at the southeast corner of said Lot 1 of Section 30, Township 15 North, Range 12 West, Mount Diablo Base and Meridian as shown on the Record of Survey map recorded in Map Case 2, Drawer 27, Page 1, Mendocino County Records; thence along the east line of said Lot 1, North $00^{\circ}36'58''$ West, 351.55 feet to a point on the centerline of a private road as shown on said map and being the POINT OF BEGINNING of this centerline description; thence leaving said east line and along the centerline of said road from a tangent of South $76^{\circ}16'40''$ West along a curve to the right with a radius of 400.00 feet, a central angle of $12^{\circ}31'50''$ and an arc length of 87.48 feet; thence South $88^{\circ}48'30''$ West, 197.15 feet; thence along a curve to the right with a radius of 135.00 feet, a central angle of $33^{\circ}34'30''$ and an arc length of 79.11 feet; thence North $57^{\circ}37'00''$ West, 50.70 feet; thence along a curve to the left with a radius of 40.00 feet, a central angle of $77^{\circ}01'00''$ and an arc length of 53.77 feet; thence along a curve to the right with a radius of 60.00 feet, a central angle of $49^{\circ}12'00''$ and an arc length of 51.52 feet; thence North $85^{\circ}26'00''$ West, 2.51 feet to a point on the west line of said Lot 1 and being the end of this centerline description, now know as Point "X".

Easement No. 2:

COMMENCING at Point "X" described above in Easement No. 1; thence along the west line of said Lot 1 North $00^{\circ}21'25''$ West, 413.83 feet to a point on the centerline of the same private road as described above in Easement No. 1, said point being the POINT OF BEGINNING of this centerline description; thence leaving said west line and along the centerline of said road, North $32^{\circ}40'00''$ East, 76.40 feet; thence along a curve to the left with a radius of 30.00 feet, a central angle of $156^{\circ}21'08''$ and an arc length of 81.87 feet to a point on the said west line of Lot 1 and being the end of this centerline description.

The sidelines of these 50' wide easements shall extend to or be shortened to intersect with the boundaries of the said Noguera property.

Easements located within AP 003-190-09 and 003-110-90,
Redwood Avenue, Ukiah, CA

This real property description has been prepared
by me or under my direction in conformance with
the Professional Land Surveyor's Act.

Ron W. Franz L.S. 7173

Dated

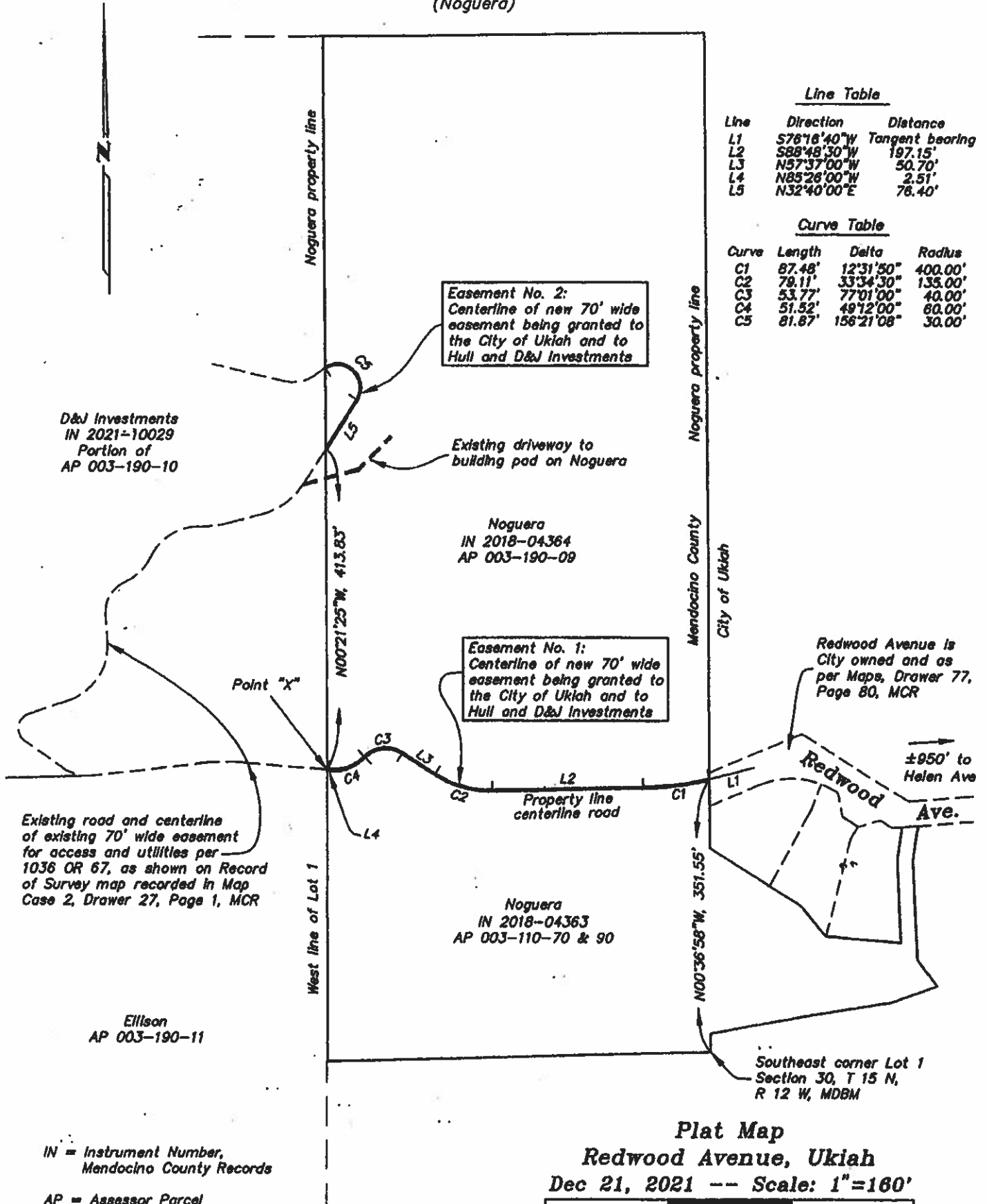
Exhibit "B" (Noguera)

Line Table

Line	Direction	Distance
L1	S78°18'40"W	Tangent bearing
L2	S88°48'30"W	197.15'
L3	N57°37'00"W	50.70'
L4	N85°26'00"W	2.51'
L5	N32°40'00"E	76.40'

Curve Table

Curve	Length	Delta	Radius
C1	87.48'	12°31'50"	400.00'
C2	79.11'	33°34'30"	135.00'
C3	53.77'	77°01'00"	40.00'
C4	51.52'	49°12'00"	60.00'
C5	81.87'	156°21'08"	30.00'



D&J Investments
IN 2021-10029
Portion of
AP 003-190-10

Easement No. 2:
Centerline of new 70' wide
easement being granted to
the City of Ukiah and to
Hull and D&J Investments

Noguera
IN 2018-04364
AP 003-190-09

Easement No. 1:
Centerline of new 70' wide
easement being granted to
the City of Ukiah and to
Hull and D&J Investments

Redwood Avenue is
City owned and as
per Maps, Drawer 77,
Page 80, MCR

Existing road and centerline
of existing 70' wide easement
for access and utilities per
1036 OR 67, as shown on Record
of Survey map recorded in Map
Case 2, Drawer 27, Page 1, MCR

Ellison
AP 003-190-11

IN = Instrument Number,
Mendocino County Records

AP = Assessor Parcel

Plat Map

Redwood Avenue, Ukiah

Dec 21, 2021 -- Scale: 1"=160'



PROPERTY PURCHASE-SALE / EXCHANGE AND DEVELOPMENT AGREEMENT AND JOINT ESCROW INSTRUCTIONS

This Property Purchase-Sale / Exchange and Development Agreement and Joint Escrow Instructions (“**Agreement**”) is made and entered in Ukiah, California, on _____, 2021 (“**Effective Date**”) by and between David J. Hull, individually as Trustee of the David J. Hull Living Trust, and D&J Investments, LLC, a California limited liability company (collectively “**Hull**” or “**Developer**”), on the one hand, and the City of Ukiah, a general law municipal corporation (“**City**”), on the other hand.

RECITALS

A. Hull owns approximately 693 acres of real property in or near Ukiah, CA, and the City owns one parcel of real property as depicted on the map attached to this Agreement as **Exhibit A**. The properties owned by Hull are more particularly described in the attached **Exhibit B**. (“**Hull Properties**”). Except for road work, vegetation management, grading, drainage, well drilling, and similar activities, the Hull Properties are undeveloped parcels located in the hills on the west side of the City and outside the City’s current jurisdictional boundaries but partially inside its sphere of influence adopted by the Mendocino Local Agency Formation Commission (“**LAFCO**”) in 1984 (“**Western Hills**”).

B. City owns certain real property depicted on Exhibit A and more particularly described in **Exhibit C** attached hereto (“**City Property**”), which is adjacent to the Hull Properties. City also owns two parcels of real property located in the City of Ukiah on the southwest and southeast corners of Gobbi and Orchard Streets (collectively “**Gobbi Properties**”), which are approximately 8/10ths of an acre (the “**Former Substation Property**”) and 9/10ths of an acre (“the **Adjacent Substation Property**”). The Former Substation Property and Adjacent Substation Property are more particularly described in the attached **Exhibits D** and **E**, respectively. The City also owns two parcels of real property assigned AP No’s 003-190-08 & 003-500-19, outlined in blue and orange on Exhibit A-1 (“**San Jacinto Properties**”). The San Jacinto Properties are more particularly described in **Exhibit F**.

C. By this Agreement the parties, among other things, agree to cooperate in and facilitate a project (the “**Western Hills Open Space and Development Project**” or “**Project**”) to further the interests of the City in preserving and providing public access to open space in the Western Hills and to develop single-family residential parcels, and the interests of Hull to, among other things, develop and sell those parcels. The Project will, among other things: advance open space preservation; provide possible sites for critical public infrastructure for City utilities, including, but not limited to water tanks to supply and improve the reliability of the City’s water system and electrical resiliency projects for energy production and storage; facilitate the development of single family homes to assist in meeting the goal of increasing by 32 units over the next eight years housing for above moderate income families as required by the Housing Element in the City’s General Plan; and, support the future development of hiking trails and other compatible recreation resources. The Western Hills Open Space and Development Project will also facilitate the commercial development of the Gobbi Properties.

D. To achieve the goals of the Project under the terms as set forth in this Agreement, the parties, among other things, agree to and intend by this Agreement that:

1. They exchange the Gobbi Properties and San Jacinto Properties for the Hull Properties;
2. The City make a cash payment to Hull of One Million Two Hundred Thousand Dollars (\$1,200,000.00) (“**Payment**”), representing the difference in value between the Gobbi Properties and San Jacinto Properties, on the one hand, and the Hull Properties (less the value associated with Hull’s rights to seven residential parcels therein, as provided in this Agreement), on the other hand;
3. Upon Close of Escrow, the parties perform in accordance with Section 2 of this Agreement (set forth below), including but not limited to:
 - a. The City shall apply to LAFCO for out of area service agreement(s) and to annex at least a portion of the Hull Properties;
 - b. Hull shall retain the exclusive right and sole discretion to develop, sell, and retain the entirety of the proceeds from the sale of, up to seven residential parcels to be made part of a private, gated, residential development on approximately 55 acres of land located in the eastern portion of the Hull Properties (“**Hull Residential Parcels**,” the approximate location of which is more particularly described in the attached **Exhibit G**) by, among other things, completing boundary line adjustments of the parcels comprising the Hull Properties and City Property (the Hull Properties and City Property may be collectively referred to in this Agreement as the “**Hull-City Properties**”) as well as parcels not included within such lands to accommodate the development of a single family home on each of the Hull Residential Parcels, and to deeded access, and certain road improvements and public or private utilities to those parcels;
 - c. Hull shall reserve, retain, and/or be granted the exclusive right and power to use nine (9) of the ten (10) legal parcels comprising the Hull-City Properties and to boundary line adjust all ten (10) legal parcels that lie within the Hull-City Properties for purposes of (1) developing and selling up to seven (7) legal parcels in the Hull Residential Parcels for single family residential use and (2) to reconfigure parcels outside of the Hull-City Properties for sale and or development. In doing so, Hull shall have the exclusive right and discretion to cause boundary line adjustments to all ten (10) legal parcels that are situated within the Hull-City Properties to lands both within and outside the Hull-City Properties, all at Hull’s sole expense and with City’s cooperation as may be required, in accordance with this Agreement and as is lawful, leaving City with sole and exclusive ownership and use of one legal parcel encompassing all of the lands comprising the Hull-City Properties that are not part of the Hull Residential Parcels.
 - d. Hull shall reserve an exclusive easement on the Road (defined below) as it is situated on the Hull Residential Parcels and will convey to the City a non-exclusive easement along said Road for access and utilities as provided in this Agreement for the benefit of the remainder of the Hull Properties and the City Property and Hull shall reserve a non-exclusive access and utilities easement on the Road, including the road’s adjoining segment that branches southerly, for the benefit of the San Jacinto Properties;

e. Upon their acquisition, the City shall retain title to the Hull Properties outside the lands comprising the Hull Residential Parcels (“**Open Space Parcels**”) as undeveloped open space for environmental protection and other public purposes which it has pre-zoned Public Facilities (PF) and upon annexation shall zone the lands comprising the Open Space Parcels as PF and the Hull Residential Parcels as R1-H.

4. Contemporaneous with the Closing, the parties shall record a memorandum or similar instrument, the effect of which is to record, preserve, protect, and provide notice of Hull’s reserved rights and interests in and to the Hull Properties and related matters, including as provided in this Agreement.

///

///

///

///

///

///

///

///

///

///

///

TERMS

NOW, THEREFORE, in consideration of the terms and conditions set forth in this Agreement and the Recitals above, which are hereby incorporated by reference, the parties agree as follows:

1. TRANSFER AND PURCHASE AND SALE OF HULL PROPERTIES, GOBBI PROPERTIES AND SAN JACINTO PROPERTIES

1.1 TRANSFER; PURCHASE & SALE; ESCROW; TITLE.

1.1.1 Transfer, Purchase & Sale. Subject to and in consideration of the

terms and conditions in this Agreement:

(a) Hull shall transfer by grant deed all right, title, and interest in and to the Hull Properties to City;

(b) City shall transfer to Hull by grant deed all right, title, and interest in and to the Gobbi Properties and San Jacinto Properties; and,

(c) City shall pay to Hull the Payment of One Million Two Hundred Thousand Dollars (**\$1,200,000**).

Except for that affixed to the land, the properties that are the subject of this Agreement do not include personal property located thereon. Title to the properties shall be transferred on the Closing Date in accordance with the terms and conditions of this Agreement.

1.1.2 Establishment of Escrow; Deposit; Balance of Payments. Within three (3) business days after the Effective Date, the parties shall open an escrow with Redwood Empire Title Company of Mendocino County ("**Escrow Agent**" or "**Title Company**") for the purposes of transferring title to the properties as provided and contemplated in this Agreement. Upon opening escrow, the City shall deposit with the Escrow Agent One Hundred Twenty Thousand Dollars (**\$120,000.00**) ("**Deposit**") representing 10% of the Payment, which shall be applied to the Payment on the date escrow closes, which shall be on or before the date that is thirty (30) days from the Effective Date ("**Closing Date**" or "**Close of Escrow**") unless either party gives written notice that, based on specified good cause, it needs additional time to conduct due diligence, in which case the Closing Date shall extend to no more than sixty (60) days from the Effective Date. The balance of the Payment shall be deposited by City into escrow with the Escrow Agent on or before the Closing Date.

1.1.3 Title Objections. Within ten (10) days following the Effective Date, (a) Hull shall cause Title Company to prepare and deliver to City a current preliminary report on the Hull Properties and City shall cause Title Company to prepare and deliver to Hull a current preliminary title report on the Gobbi Properties and the San Jacinto Properties, together with copies of all recorded title exceptions shown in the respective title reports, and (b) each party shall deliver to the other copies of any ALTA or other surveys of their respective properties in their respective possession or control. Each party shall bear the cost of preparing the title report on the property it will receive as a result of the transfers under this Agreement. Each party shall have ten (10) days after delivery of those materials to notify the other party in writing of any objections to any title exceptions shown in the respective title reports or any matters reflected on any surveys provided by the party or otherwise obtained by either party. A party's failure to timely provide written disapproval of the exceptions in the respective title reports or matters contained in the survey(s), if any, shall be deemed approval by that party of the exceptions and matters shown in such materials; provided, however, that Hull and City shall be obligated to cause all monetary liens and encumbrances constituting objectionable title exceptions (other than current real property taxes and assessments, not delinquent) to be removed from title of their respective properties (Hull as to the Hull Properties and City as to the Gobbi Properties and the San Jacinto Properties) on or before the Closing Date. If, on or before the Closing Date, either party is unable or unwilling to remove any such objectionable title

exceptions from title to the property they are conveying to the other party, the prospective transferee shall either waive its prior disapproval of such objectionable title exceptions in writing and proceed under this Agreement, or terminate this Agreement by written notice to the other party (in which event this Agreement shall terminate without default by either party). The title exceptions and other matters approved as provided in this section are hereinafter referred to as the “**Permitted Exceptions.**”

1.2 CONDITION OF PROPERTY.

1.2.1 Deliveries & Investigation. Within ten (10) days following the Effective Date, each party shall deliver to the other party copies of any environmental reports or assessments, geological studies, seismic studies, water reports, timber surveys, soils reports and studies, plans, specifications, drawings, property tax bills, insurance claims, inspection reports, licenses, permits or approvals of governmental authorities, material correspondence with governmental authorities, and other documents, materials and information material to the use and occupancy of the properties that party is transferring under this Agreement (“**Relevant Materials**”), which are in the possession or control of each party. If either party has knowledge of Relevant Materials that are not in its possession or control, within this same time period, said party shall notify the other party of their existence and possible location. Either party may also conduct its own tests and investigation into the properties that party is obtaining under this Agreement, both physical and non-physical and including, but not limited to, zoning, regulations, matters contained in searchable files of the County of Mendocino or the City of Ukiah and the items addressed below in section 1.2.2, and is hereby advised to do so. Each party shall have ten (10) days from the receipt of the Relevant Materials to review the other party’s deliveries and disclosures and to conduct its own tests and investigation and to give written notice to the other party of any unacceptable conditions. Throughout the term of this Agreement until the Closing Date, each party shall also deliver to the other party such other documents, materials and information relating to its property as said party is obligated to deliver to the other party under applicable law. If Relevant Materials are discovered or generated after the required delivery date for such materials prescribed above, the party who would otherwise be obligated to deliver such materials to the other party shall promptly deliver the after-discovered or generated material to the other party, and the recipient party shall have five (5) days from the date of delivery to review it and give written notice to the delivering party of any unacceptable conditions. The City acknowledges prior receipt of Relevant Materials from Hull concerning the Hull Properties as of December 21, 2019; Hull shall deliver any additional Relevant Materials regarding such properties to the City within the referenced ten (10) day timeframe.

1.2.2 Inspection of Property. As of the Effective Date, each party shall afford the other party and its agents, consultants and representatives, access to its respective properties at all reasonable times for the purpose of allowing the other party to inspect and conduct studies thereof. Each party shall reasonably cooperate with the other party in entries onto, and inspections and studies of its properties. Each party shall indemnify and hold the other party harmless from any claims, demands, liabilities, costs, damages, or expenses based on injuries to persons, including death, and damage to real or tangible personal property, caused by the other party’s inspections, investigations, studies, and testing of the property it is to receive under this Agreement. Said indemnification shall include the costs of defense, including attorney’s fees and litigation expenses. For the time either party has access to and a right to

inspect the other party's properties, the City shall furnish Hull with a copy of the currently effective Memorandum of Coverage ("MOC") from California Intergovernmental Risk Authority ("ICRA"), and shall also provide an endorsement or equivalent document, which shall name Hull as an additional insured (or similar designation) under the MOC, and Hull shall provide the City with proof of insurance in accordance with **Exhibit H**, attached hereto. Either party's direct obligation to indemnify the other party only applies to the extent ICRA or Hull's insurer fails to provide full coverage to the other party as an additional insured. Either party shall have fifteen (15) days from the Effective Date to conduct physical inspections as provided herein, as well as any non-physical inspections and examinations into the properties that party is to acquire under this Agreement, and to give written notice to the other party of any unacceptable conditions, including any applicable or required Phase I Environmental Study.

1.2.3 Either party shall be deemed to have waived, and thereby approved, any disapproval or objection to the condition of the properties that party is to obtain under this Agreement, unless it has given the other party written notice of those disapprovals or objections within the time periods described in sections 1.2.1 and 1.2.2 above; this includes any Phase I Environmental Study. If either party disapproves or objects to a condition within the applicable time periods prescribed by this Agreement, the other party may elect, but is not required, to remedy the disapproved or objectionable condition to objecting party's satisfaction prior to the Close of Escrow in which case any such condition shall be deemed satisfied; otherwise, each party's sole remedy shall be to (a) waive the condition or (b) terminate this Agreement, which shall, in that event, be deemed without default by either party.

1.2.4 Hull's Representations and Warranties. Subject to and other than as may be disclosed by the title reports, surveys, documents, information, and within the scope of permissible testing, studies, and investigations referenced in Sections 1.1.3 through 1.2.3, in the "**Easement, Road Access, and Maintenance Agreement**" entered by the parties and Adonis and Sarah Noguera contemporaneous herewith, or in Mendocino County Superior Court case numbers SCUK CVG 18-71292 and SCUK CVG 18-71805 ("**the Actions**"), all of which constitute Relevant Materials, Hull hereby makes the following representations and warranties to City, to the best of Hull's knowledge without investigation, which representations and warranties (a) shall be effective and enforceable as of the Effective Date, and (b) shall survive the Closing Date and continue thereafter, and, City otherwise acknowledges and agrees that Hull makes no other representations, warranties or covenants as to the Hull Properties:

(a) Except as provided in this Agreement, on the Close of Escrow no parties will be in occupancy of the Hull Properties or hold any possessory right in or to the Hull Properties, or any portion thereof, other than Hull and Ukiah Wireless. Notwithstanding that, the parcel within the Hull Properties to which Bengston presently maintains record title may transfer to Hull after the Effective Date but before Close of Escrow.

(b) Other than Ukiah Wireless, on the Close of Escrow: no parties will possess any option to purchase or lease, or any right of first refusal to purchase or lease, the Hull Properties or any portion thereof; there are no unrecorded leases, occupancy agreements, easements, rights-of-way, restrictive covenants, liens, encumbrances, claims or other adverse rights affecting the Hull Properties or any portion thereof; and there are no unrecorded agreements or obligations relating to the Hull Properties which will be binding upon City following the Closing

Date, except as provided in this Agreement.

(c) The Hull Properties are not now, and have not been at any time in the past, a site or location for the use, generation, production, manufacture, treatment, storage, disposal, discharge, release or transportation of Hazardous Materials (as defined in this Agreement); the Hull Properties are in full compliance with all Hazardous Materials Laws (as defined in this Agreement); there are no existing or former agreements or pending or threatened proceedings regarding Hazardous Materials on the property; there are, and have been, no underground or above ground storage tanks installed on or under, or removed from, the property containing or having contained Hazardous Materials; and, Hull has no knowledge that any property adjoining the Hull Properties contains or may contain Hazardous Materials. For the purposes of this Agreement, “**Hazardous Materials**” shall mean any oil or petroleum products, flammable explosives, asbestos, urea formaldehyde insulation, radioactive materials or other hazardous or toxic substances, material or waste which is or becomes regulated by any federal, state or local governmental authority; and “**Hazardous Materials Laws**” means all federal, state and local statutes, ordinances, rules and regulations relating to Hazardous Materials, including those pertaining to health, safety, industrial hygiene or the environment, such as, without limitation, the Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended, the Resource Conservation and Recovery Act of 1976, as amended, and any similar state laws.

(d) Hull has previously delivered to City, or within the period of time provided for in this Agreement shall deliver to City, true, correct and complete copies of all environmental reports or assessments, geological studies, seismic studies, water reports, timber surveys, soils reports and studies, plans, specifications, drawings, property tax bills, insurance claims, inspection reports, licenses, permits or approvals of governmental authorities, material correspondence with governmental authorities, and other material documents, materials and information relating to the Hull Properties which are in Hull’s possession or control or known by Hull to exist.

(e) The Hull Properties are not located in a special flood hazard area or flood plain, and there are no wetlands located on the Property.

(f) There is no litigation pending in any court or, to the best of Hull’s knowledge, threatened with respect to the Hull Properties or the transaction contemplated by this Agreement, but this disclosure shall not prevent City from refusing to close escrow, if the Actions have not been resolved to City’s satisfaction prior to the Closing date (the fully executed Easement, Road Access, and Maintenance Agreement and the Settlement Agreement between Hull and the Noguerras shall constitute resolution of the Action satisfactory to City).

(g) Hull has not received any other notice that the Hull Properties maintain a condition that violates the provisions of any currently applicable law, code, ordinance, regulation, order, decree or other governmental requirement.

(h) Hull has full power and authority to enter into this Agreement and the persons signing this Agreement for Hull, if Hull is not an individual, have full power and authority to sign for Hull and to bind it to this Agreement and to sell, transfer and convey all right, title and interest in and to the Hull Properties in accordance with this Agreement. All

proceedings required to be taken by or on behalf of Hull to authorize it to make, deliver and carry out the terms of this Agreement have been duly and properly taken. No further consent of any person or entity is required in connection with the execution and delivery of, or performance by Hull of its obligations under, this Agreement. Neither the grant of the option herein nor performance by Hull of Hull's obligations hereunder will violate or constitute an event of default under the terms and provisions of any material agreement, document or instrument to which Hull is a party or by which Hull is bound and/or to which the Hull Properties is subject, including any deed of trust or mortgage.

(i) There are no encumbrances or liens against the Hull Properties, including, but not limited to, mortgages or deeds of trust that shall survive the Close of Escrow; Hull is not in default of any obligation under any mortgage or deed of trust affecting the Hull Properties; there are no other actual or impending, nor does Hull have knowledge of any potential, public improvements or private rights or actions which will result in the creation of any liens upon the Hull Properties, including public assessments or mechanics liens; there are no encroachments by third parties on the Hull Properties and the Hull Properties do not encroach upon the property of any third party.

(j) No other notices of violation of any ordinance, rule or regulation relating to the Hull Properties or Hull (in relation to such properties) have been issued to, served upon, received by or entered against Hull.

(k) The parcels comprising the Hull Properties comply or will comply prior to Closing with the California Subdivision Map Act (Government Code Section 66410, et seq), if and to the extent it is applicable, and any applicable local City or County codes and ordinances and other legal requirements. Hull is authorized, pending the Close of Escrow and as provided in **Section 2** of this Agreement, to file for or complete any Boundary Line Adjustments or other filings or actions required to reconfigure the Hull Properties interior and / or exterior boundaries, including as approximately shown on page two of the map attached hereto as **Exhibit I**.

Other than the representations and warranties contained in this Agreement, Hull makes no warranty or representation, express or implied, including but not limited to implied warranties of merchantability and fitness for a particular purpose. City acknowledges it is acquiring title to the Hull Properties "AS IS."

1.2.5 City's Representations and Warranties. Subject to and other than as may be disclosed by the title reports, surveys, documents, information, and within the scope of permissible testing and investigations referenced in Sections 1.1.3 through 1.2.3, or in the Easement, Road Access, and Maintenance Agreement, all of which constitute Relevant Materials, City hereby makes the following representations and warranties to Hull, to the best of City's knowledge without investigation, which representations and warranties (a) shall be effective and enforceable as of the Effective Date, and (b) shall survive the Closing Date and continue thereafter, and Hull otherwise acknowledges and agrees that City makes no other representations, warranties or covenants as to the Gobbi Properties or San Jacinto Properties:

(a) No parties are in occupancy of the Gobbi Properties or the

San Jacinto Properties or hold any possessory right in or to the Gobbi Properties or San Jacinto Properties, or any portion thereof, other than City.

(b) No parties possess any option to purchase or lease, or any right of first refusal to purchase or lease, the Gobbi Properties or the San Jacinto Properties or any portion thereof; there are no unrecorded leases, occupancy agreements, easements, rights-of-way, restrictive covenants, liens, encumbrances, claims or other adverse rights affecting the Gobbi Properties, the San Jacinto Properties, or any portion thereof; and there are no unrecorded agreements or obligations relating to the Gobbi Properties or the San Jacinto Properties which will be binding upon Hull following the Closing Date.

(c) Except as otherwise expressly stated herein or in any separate written disclosure furnished to Hull prior to the Closing Date, the Gobbi Properties and the San Jacinto Properties are not now, and have not been at any time in the past, a site or location for the use, generation, production, manufacture, treatment, storage, disposal, discharge, release or transportation of Hazardous Materials (as defined in this Agreement); the Gobbi Properties and San Jacinto Properties are in full compliance with all Hazardous Materials Laws (as defined in this Agreement); there are no existing or former agreements or pending or threatened proceedings regarding Hazardous Materials on the Gobbi Properties or the San Jacinto Properties; there are, and have been, no underground or above ground storage tanks installed on or under, or removed from, the Gobbi Properties or the San Jacinto Properties containing or having contained Hazardous Materials; and, City has no knowledge that any property adjoining either the Gobbi Properties or the San Jacinto Properties contains or may contain Hazardous Materials. The power transformers used on the Former Substation Property were not classified as PCB transformers but distribution transformers with various levels of PCB's could have been stored at that site. The City has not found any records and no current City employees have knowledge of PCBs being stored or used on the Former Substation Property.

(d) City has previously delivered to Hull, or within the period of time provided for in this Agreement shall deliver to Hull, true, correct and complete copies of all environmental reports or assessments, geological studies, seismic studies, water reports, timber surveys, soils reports and studies, plans, specifications, drawings, property tax bills, insurance claims, inspection reports, licenses, permits or approvals of governmental authorities, material correspondence with governmental authorities, and other material documents, materials and information relating to the Gobbi Properties and the San Jacinto Properties which are in City's possession or control or known by City to exist.

(e) Neither the Gobbi Properties nor the San Jacinto Properties are located in a special flood hazard area or flood plain, and there are no wetlands located on the Gobbi Properties or the San Jacinto Properties.

(f) There is no litigation pending in any court or, to the best of City's knowledge, threatened with respect to, the Gobbi Properties, the San Jacinto Properties or the transaction contemplated by this Agreement.

(g) City has not received any other notice that the Gobbi Properties or the San Jacinto Properties maintain a condition that violates the provisions of any

currently applicable law, code, ordinance, regulation, order, decree or other governmental requirement.

(h) City has full power and authority to enter into this Agreement and the persons signing this Agreement for City have full power and authority to sign for City and to bind it to this Agreement and to sell, transfer and convey all right, title and interest in and to the Gobbi Properties and the San Jacinto Properties in accordance with this Agreement. All proceedings required to be taken by or on behalf of City to authorize it to make, deliver and carry out the terms of this Agreement have been duly and properly taken. No further consent of any person or entity is required in connection with the execution and delivery of, or performance by City of, its obligations under this Agreement. The performance by City of City's obligations hereunder will not violate or constitute an event of default under the terms and provisions of any material agreement, document or instrument to which City is a party or by which City is bound and/or to which the Gobbi Properties or the San Jacinto Properties are subject, including any deed of trust or mortgage.

(i) There are no encumbrances or liens against the Gobbi Properties or the San Jacinto Properties, including, but not limited to, mortgages or deeds of trust; City is not in default of any obligation under any mortgage or deed of trust affecting the Gobbi Properties or the San Jacinto Properties; there are no other actual or impending, nor does City have knowledge of any, public improvements or private rights or actions which will result in the creation of any liens upon the Gobbi Properties or the San Jacinto Properties, including public assessments or mechanics liens; there are no encroachments by third parties on the Gobbi Properties or the San Jacinto Properties and neither the Gobbi Properties nor San Jacinto Properties encroach upon the property of any third party.

(j) No other notices of violation of any ordinance, rule or regulation relating to the Gobbi Properties or the San Jacinto Properties have been issued to, served upon, received by or entered against City.

(k) Zoning. The Former Substation Property is currently zoned Public Facilities (PF). Promptly after close of escrow, without cost to Hull, the City will initiate proceedings, as provided in Government Code Sections 65853-65857 and as otherwise required by law, to rezone the property to Community Commercial (C-1) Zoning District, including any associated amendment to the General Plan, if required.

(l) Other than the representations and warranties contained in this Agreement, City makes no warranty or representation, express or implied, including but not limited to implied warranties of merchantability and fitness for a particular purpose. Hull acknowledges he is acquiring title the Gobbi Properties and San Jacinto Properties "AS IS."

1.2.6 General Disclosures. Each party makes and acknowledges the following disclosures:

(a) **Supplemental Property Tax Bill Notice:**

Notice of Your "Supplemental' Property Tax Bill."

“California property tax law requires the Assessor to revalue real property at the time the ownership of the property changes. Because of this law, you may receive one or two supplemental tax bills, depending on when your loan closes.

The supplemental tax bills are not mailed to your lender. If you have arranged for your property tax payments to be paid through an impound account, the supplemental tax bills will not be paid by your lender. It is your responsibility to pay these supplemental bills directly to the Tax Collector.

If you have any question concerning this matter, please call your local Tax Collector's Office

(b) Notice Regarding Advisability of Title Insurance:

IMPORTANT: IN A PURCHASE OR EXCHANGE OF REAL PROPERTY, IT MAY BE ADVISABLE TO OBTAIN TITLE INSURANCE IN CONNECTION WITH THE CLOSE OF ESCROW SINCE THERE MAY BE PRIOR RECORDED LIENS AND ENCUMBRANCES WHICH AFFECT YOUR INTEREST IN THE PROPERTY BEING ACQUIRED. A NEW POLICY OF TITLE INSURANCE SHOULD BE OBTAINED IN ORDER TO INSURE YOUR INTEREST IN THE PROPERTY THAT IS BEING ACQUIRED.

1.3 CONDITIONS PRECEDENT.

1.3.1 Conditions to City's Obligations. The obligations of City under this Agreement are expressly conditioned upon the satisfaction of the following conditions precedent on or before the respective dates specified therefor:

(a) On the Closing Date, the Title Company shall be prepared to issue to City as of the Closing Date the City Title Policy (as defined in this Agreement) upon payment of its regularly scheduled premium therefor;

(b) All of Hull's representations and warranties contained in this Agreement shall be true and correct in all material respects as of the Closing Date;

(c) City has waived or been deemed to have waived any disapproval of and objections to the condition of the Hull Properties or of title to said properties;

(d) City's approval of Relevant Materials associated with, and inspections, investigations, and examinations into, the Hull Properties in accordance with sections 1.1 and 1.2 of this Agreement.

(e) Hull shall have deposited all monetary sums and documents with the Escrow Agent and performed each and every covenant required by or contained in this Agreement to be performed by Hull on or prior to the Closing Date; and

(f) The deed of the Hull Properties from Hull to City reserves an exclusive easement for Hull's benefit as to the Hull Residential Parcels and a non-exclusive easement as to the San Jacinto Parcels, as provided below in Section 2 of this Agreement.

1.3.2 Condition to Hull's Obligations. The obligations of Hull under this Agreement, except for subsection 1.3.2(g) are expressly conditioned upon the satisfaction of

the following conditions precedent on or before the date specified therefor:

(a) On the Closing Date, the Title Company shall be prepared to issue to Hull as of the Closing Date the Hull Title Policies (as defined in this Agreement) upon payment of its regularly scheduled premium therefor;

(b) All of City's representations and warranties contained in this Agreement shall be true and correct in all material respects as of the Closing Date;

(c) Hull has waived or been deemed to have waived any disapproval of and objections to the condition of the Gobbi Properties and San Jacinto Properties or of title to said properties;

(d) Hull's approval of Relevant Materials associated with, and inspections, investigations, and examinations into, the Gobbi Properties and San Jacinto Properties in accordance with sections 1.1 and 1.2 of this Agreement.

(e) On the Closing Date, the Title Company shall be prepared to record, contemporaneous with the Grant Deeds to effect the transfer of the Hull Properties to City and the Gobbi Properties and San Jacinto Properties to Hull, the Easements, CCR's, and the Memorandum of reserved development and other rights described in Section 2 of this Agreement of this Agreement.

(f) City shall have deposited all monetary sums and documents with the Escrow Agent and performed each and every covenant required by or contained in this Agreement to be performed by City on or prior to the Closing Date;

(g) Upon and after Close of Escrow the City shall allow Ukiah Wireless continued access to and use of its facilities on the Hull Properties as they exist on the Effective Date. City shall negotiate with Ukiah Wireless the terms of a written agreement for such use. The terms of use shall allow for a reasonable monthly fee and include a provision indemnifying the City for claims, damages, expenses and losses caused or alleged to have been caused by Ukiah Wireless, including costs of any legal defense of City against any such claim and requiring Ukiah Wireless to maintain and name the City as an additional insured under a comprehensive general or commercial liability insurance policy approved by City, such approval not to be unreasonably withheld. If City and Ukiah Wireless cannot agree on reasonable terms for such continued access and use, City will negotiate for an agreement allowing Ukiah Wireless to relocate without undue or unreasonable interference with the wireless services it currently provides not to exceed six months from the date the City notifies Ukiah Wireless by U.S. Mail addressed to Lane Charpentier, at 307 S. Main St., Ukiah, CA 95482, with copy by email to support@ukiahwireless.com and Lane@ukiahwireless.com, that negotiation over terms is terminated.

1.3.3 Satisfaction of Conditions. Hull and City shall each use diligent efforts and shall cooperate with each other to attempt to cause the satisfaction of the conditions precedent to each party's obligations under this Agreement. In the event that any of the conditions precedent set forth in this Section 1.3 shall not be satisfied or waived on or before the date specified therefor, then the party whose obligations are subject to such condition precedent shall have the right to terminate this Agreement by written notice given to the other party on or

before such date specified therefor, which termination shall not constitute an event of default under this Agreement.

1.4 CLOSING.

1.4.1 Deposits into Escrow.

(a) On or before the Closing Date, City shall deposit or cause to be deposited with Escrow Agent the following:

(i) The balance of the Payment;

(ii) City's share of the closing costs described in Section 1.4.3 of this Agreement;

(iii) A consent or resolution authorizing City to consummate the transactions contemplated by this Agreement, and such other authorizing documents as Escrow Agent shall require; and

(iv) Escrow instructions to Escrow Agent consistent with and sufficient to implement the terms of this Agreement, if necessary.

(b) On or prior to the Closing Date, the parties shall deposit or caused to be deposited with Escrow Agent the following:

(i) Grant Deeds ("**Deeds**") conveying title to the Hull Properties, Gobbi Properties, and San Jacinto Properties, duly executed by the respective parties in recordable form and in a form acceptable to both the party to which title is to be conveyed and the Escrow Agent, as may be consistent with this Agreement;

(ii) The Memorandum (see Section 2 of this Agreement), and CCR's duly executed by the respective parties, as required, in recordable form and in a form acceptable to the parties;

(iii) Grant Deed Easements and forms of reserved easements pursuant to Section 2.2.3 of this Agreement (collectively "**Easements**"), duly executed by the respective parties, as required, in recordable form and in a form acceptable to the parties;

(iv) A withholding certificate under Section 1445 of the Internal Revenue Code, as amended, and the Treasury regulations promulgated thereunder, executed by Hull in a form reasonably acceptable to City ("**FIRPTA Certificate**");

(v) A California FTB Form 593-C (Real Estate Withholding Certificate) executed by Hull in a form reasonably acceptable to City ("**State Affidavit**");

(vi) Transfer tax declarations, affidavits and statements and such other documents as may be required by applicable law or by Escrow Agent in connection

with the conveyance of the Hull Properties, Gobbi Properties, and San Jacinto Properties;

(vii) Such other documents, including owner's affidavits or statements, as may be reasonably required by a prospective grantee or Escrow Agent in connection with the conveyance of title to the Hull Properties, Gobbi Properties, and San Jacinto Properties;

(viii) A restrictive covenant in recordable form binding on Hull and his successors and assigns prohibiting on the Adjacent Substation Property the construction or use of gas stations, vehicle repair shops, businesses that produce hazardous waste or toxic waste other than household hazardous waste, underground tanks, above-ground tanks storing fuel or chemicals, and similar uses that could contaminate groundwater with substances prohibited by primary and secondary drinking water standards applicable to community water systems.

(ix) An option ("**the Option**") in recordable form granting the City an option for an easement across the San Jacinto Properties for public utilities and a trail providing public access to the Open Space Parcels at a location and a width that does not unreasonably interfere with the use of the San Jacinto Properties for single family residential use. The location and width of the easement shall be reasonably agreed to by Hull and City in good faith. The parties shall do so within six (6) months from the Effective Date. If the parties have failed to agree on the width and location of the easement within said six (6) months, upon written request either party is entitled to compel arbitration of the dispute under the California Arbitration Act (Code Civ. Proc. §1280 et seq.), which shall be completed within six (6) months of the arbitration request. Upon the parties' agreement or pursuant to an arbitrator's decision, (1) the parties shall cause to be recorded an easement grant deed to establish of record the easement terms and (2) City shall simultaneously record in the official records of Mendocino County an instrument reasonably satisfactory to Hull that effectively terminates the option.

(x) Consents or resolutions authorizing each party to consummate the transactions contemplated by this Agreement, and such other authorizing documents as Escrow Agent shall require ("**Authorizing Documents**"), if necessary; and

(xi) Further escrow instructions consistent with and sufficient to implement the terms of this Agreement, if necessary.

1.4.2 Closing. After all the deposits required by Section 1.4.1 have been made, all conditions to the parties' respective obligations set forth in Section 1 have been satisfied or waived, and Escrow Agent is prepared to cause the Title Company to issue the City Title Policy and Hull Title Policies in accordance with provisions of Section 1.5 below, Escrow Agent shall:

(a) Record the Deeds and Easements in the Official Records of Mendocino County, California, and instruct the County Recorder to deliver such instruments after recording to the grantee, respectively;

(b) Record the Memorandum and CCR's (see Section 2 of this Agreement) and instruct the County Recorder to deliver the instruments after recording to the parties;

(c) Record the restrictive covenant and option as provided in Subsections 1.4.1(b) (viii) and (ix).

(d) Deliver to or for the account of Hull the Payment;

(e) Deliver to City the FIRPTA Certificate, the State Affidavit and, to both Hull and City, the Authorizing Documents;

(f) Cause the Title Company to issue and deliver the City Title Policy and Hull Title Policies to the respective parties.

1.4.3 Closing Costs.

(a) Hull shall pay the entire premium and endorsement charges for the Hull Title Policies.

(b) City shall pay the entire premium and endorsement charges for the City Title Policy, all state, county and/or local documentary transfer taxes and any other real property transfer or conveyance taxes payable with respect to the deeds to the properties transferred under this Agreement, and the escrow fees charged by Escrow Agent.

(c) Hull and City shall each bear its own attorneys' fees and costs incurred in connection with the transactions contemplated by this Agreement. Except as provided in this Agreement, all other costs, fees, expenses and charges of any kind incident to the transaction(s) contemplated by this Agreement shall be borne by the party incurring the same.

(d) Prorations. Prorations shall be made as of the Close of Escrow. All prorations shall be made on the basis of a thirty (30) day month and shall be paid in cash to Hull if it is entitled thereto or shall be credited against the cash portion of the Payment if City is entitled thereto. Such prorations shall be made by Escrow Agent on the basis of a statement(s) approved by City and Hull and deposited into the escrow prior to the Close of Escrow. The date used for prorations is hereinafter referred to as the "**Proration Date**." As to each property transferred under this Agreement, all real estate taxes and all personal property taxes due and owing as of the Proration Date, and all penalties and interest thereon, shall be paid by the transferring party. Current real estate taxes, special assessments and personal property taxes which are not yet due and owing shall be prorated based upon the most recent tax bill, so that the portion of current taxes allocable to the period from the beginning of such tax year through the Proration Date shall be charged to and paid by the transferring party and the portion of the current taxes allocable to the portion of such tax year from the Proration Date to the end of such tax year shall be charged to and paid by grantee. Proration of taxes and assessments shall be final as of the Proration Date, regardless of the amount of taxes or assessments that actually are, or subsequently become, due.

1.5 TITLE INSURANCE. Upon the Close of Escrow, Escrow Agent shall cause the Title Company to issue to:

(a) City a CLTA standard owner's policy of title insurance with total liability in an amount to be determined by City for the Hull Properties, insuring City that the Hull Properties are vested in City, subject only to the standard printed exceptions to such title policy and the

Permitted Exceptions and the Memorandum and Easements (see Section 2 of this Agreement) (“**City Title Policy**”); and

(b) Hull a CLTA standard owner’s policies of title insurance with total liability in an amount to be determined by Hull for the Gobbi Properties and the San Jacinto Properties, insuring Hull that the Gobbi Properties and San Jacinto Properties are, respectively, vested in Hull, subject only to the standard printed exceptions to such title policies and the Permitted Exceptions (“**Hull Title Policies**”).

(c) At either party’s option, that party shall have the right to obtain as its title policy an ALTA extended coverage owner’s title insurance policy, provided that the party desiring the same shall pay the entire cost therefor.

1.6 ADDITIONAL COVENANTS.

1.6.1 No Agreements, Conveyances. From or after the date of this Agreement until the Close of Escrow, Hull as to the Hull Properties and City as to the Gobbi Properties and the San Jacinto Properties shall not, except as permitted in this Agreement, (a) enter into, extend or amend any lease, contract, option or agreement affecting said properties (b) cause or permit any lien, encumbrance, mortgage, deed of trust, right, restriction or easement to be created or claimed with respect to said properties, or (c) sell, convey, assign, transfer, encumber or otherwise dispose of said properties or any portion thereof or interest therein, to the extent any of the same may survive the Close of Escrow. However, nothing in this provision shall preclude Hull from boundary line adjusting or taking further action in furtherance of the development of the Hull Residential Parcels and/or the Hull Properties as otherwise contemplated by this Agreement, entering into agreements related to the sale of the Hull Residential Parcels, or preclude the validity of the Easement, Road Access, and Maintenance Agreement entered by, in part, Hull, and the City. Except as otherwise provided in this Agreement, the party conveying a property under this Agreement shall, prior to the Close of Escrow, timely perform and discharge all obligations and liabilities of every kind arising from the use, occupancy, and ownership of that property.

1.6.2 Maintenance. From or after the date of this Agreement until the Close of Escrow or the termination of this Agreement, the parties shall not (a) remove, harvest or cut any trees, vegetation, crops, soils or minerals from the properties they are conveying pursuant to this Agreement, except as may be required in connection with standard property management practices, fire hazard abatement requirements or as otherwise required by applicable law; (b) cause or permit any Hazardous Materials to be located in, on or under said properties, except to the extent necessary to perform standard property management practices; or (c) take or permit any other action that could reduce the value of said properties.

1.6.3 Hull’s Exchange Rights. Hull and City acknowledge and agree that Hull shall have the right to cause this Agreement to be modified so that Hull may effectuate an exchange under the Internal Revenue Code of 1954, and the California Revenue and Taxation Code. Hull shall exercise its right to modify this Agreement by giving City written notice by no later than five (5) calendar days prior to the date scheduled for the Close of Escrow. City shall bear no additional cost, expense or liability (whether actual or contingent) as a result of the

exchange transaction and shall not be required to take title to any other property as part of such exchange transaction.

1.7 RISK OF LOSS.

1.7.1 **Damage or Destruction.** In the event damage or destruction occurs to the Hull Properties, Gobbi Properties, or San Jacinto Properties resulting in a Major Casualty (as defined in this Agreement) prior to the Closing Date, the party acquiring title to the property under this Agreement (“Prospective Grantee”) shall have the right to terminate this Agreement by giving the other party written notice of termination within twenty (20) days following the date of Prospective Grantee’s receipt of written notice of, or the date of Prospective Grantee’s obtaining independent knowledge of, the occurrence of such destruction or damage. In the event of any such termination of this Agreement, the Prospective Grantee shall be entitled to receive all amounts paid into escrow by the Prospective Grantee, less its share of any escrow fees that may have resulted. In the event of any other damage or destruction to said property or in the event that the Prospective Grantee shall not elect to terminate this Agreement following damage or destruction to said property by a Major Casualty, the Prospective Grantee shall remain obligated to perform its obligations under this Agreement, and the other party shall assign to Prospective Grantee its rights to any claims associated with the casualty, including proceeds for such damage or destruction under the other party’s property insurance policies covering said property or loss, subject to and effective upon the Close of Escrow. For the purposes of this Agreement, a “Major Casualty” shall be deemed to be any casualty causing any damage or destruction to said property if the reduction in the value of said property caused by such casualty, as reasonably determined by the Prospective Grantee, exceeds One Hundred Thousand Dollars (\$100,000).

1.7.2 **Condemnation.** In the event of the commencement of proceedings for the taking of any portion of the Hull Properties, Gobbi Properties or San Jacinto Properties in eminent domain or the making of any threat of condemnation prior to the Closing Date, the Prospective Grantee shall have the right to terminate this Agreement by giving to the other party written notice of termination within fifteen (15) days following the date on which Prospective Grantee shall receive written notice of such proposed taking or the date of Prospective Grantee’s obtaining independent knowledge of the same. In the event of any such termination of this Agreement, Prospective Grantee shall be entitled to receive all amounts paid into escrow by it, less its share of any escrow fees that may have resulted. If the Prospective Grantee should not elect to terminate this Agreement as aforesaid, Prospective Grantee shall remain obligated to perform its obligations under this Agreement, and the other party shall assign to the Prospective Grantee at Close of Escrow the conveying party’s rights to the portion of any condemnation award attributable to the owner’s interest in said property, subject to and effective upon the Close the Escrow. For purposes of this Agreement, a taking in condemnation shall mean the vesting of fee title to or other real property interest in said property or any portion thereof by a governmental authority pursuant to the exercise of the power of eminent domain or pursuant to a deed given in lieu or in contemplation thereof.

1.8 BROKERS.

1.8.1 **Hull.** Hull hereby represents and warrants to City that Hull has not engaged or otherwise dealt with any finder or real estate broker or salesperson with respect to the

transactions contemplated by this Agreement. In the event that any contrary claim is made by any finder, broker or salesperson, Hull shall indemnify, defend and hold City harmless from and against any and all losses, costs, claims, demands, expenses, damages, liabilities or causes of action (including reasonable attorneys' fees and costs) with respect to such finder, broker or salesperson.

1.8.2 City. City hereby represents and warrants to Hull that City has not engaged or otherwise dealt with any finder or real estate broker or salesperson with respect to the transactions contemplated by this Agreement. In the event that any contrary claim is made by any finder, broker or salesperson, City shall indemnify, defend and hold Hull harmless from and against any and all losses, costs, claims, demands, expenses, damages, liabilities or causes of action (including reasonable attorneys' fees and costs) with respect to such finder, broker or salesperson.

2. HULL'S RESERVED RIGHTS & RESIDENTIAL DEVELOPMENT

2.1 RESERVED RIGHTS & INTENT GENERALLY

2.1.1 Intent. A primary and substantial portion of consideration provided to Hull under this Agreement is (a) Hull's reserved, retained, and/or granted exclusive rights to develop and sell legal parcels for residential use within the Hull Residential Parcels as part of a private, gated, community, and additionally (b) Hull's reserved, retained, and/or granted exclusive rights to boundary line adjustments and related sales, both of which are described in Sections 2.1 and 2.2 of this Agreement. The transfer of title to the City of the Hull Properties shall and is hereby subject to and conditioned on these reserved rights.

2.1.2 Reserved Rights & Development Generally. Notwithstanding the conveyance to the City of title to the Hull Properties at the Close of Escrow, Hull will have the exclusive right and sole discretion to: boundary line adjust all ten (10) parcels within the Hull-City Properties, as may be lawful, so that up to seven (7) of said parcels are reconfigured as legal parcels within the Hull Residential Parcels for purposes of establishing and developing a private, gated, residential community of single-family homes and such accessory structures as are allowed by law. Subject to his indemnification obligations as set forth in Section 2.2.6(a)(i), Hull, and upon its creation, the Association, shall have the right to construct / install an access roadway and related improvements ("**Road & Development Improvements**") and electrical conduit ("**Electrical Conduit**") for electrical lines and components to serve such parcels and perform other works of improvement to develop residential lots within the Hull Residential Parcels. Hull shall have the right to sell the lots created as part of the development. The City shall install the actual electrical lines and components ("**Electrical Utilities**") for the residential development.

Covenants, Conditions, and Restrictions ("**CCR's**") will be recorded against and bind the Hull Residential Parcels. Hull will form an association ("**Association**") that will govern the Hull Residential Parcels and have the obligation to maintain the Road & Development Improvements. The CCR's and Association are part of Hull's reserved rights under this Agreement and are for the benefit of the referenced private, gated, community of single-family homes.

Notwithstanding that the City will maintain title to the Hull Residential Parcels at the Close of Escrow, Hull shall have exclusive authority and the sole discretion to direct the listing and sale of, and/or transfer of title to, these parcels and shall be entitled to one hundred percent (100%) of the proceeds of all such sales. Those acquiring such parcels shall become Association members and will have the right and responsibility for any development of their parcel for single-family residential purposes (including any accessory dwelling units as are allowed by law), which will include all construction activity, such as, without limitation, locating and creating a building pad(s), driveway(s), building structures, and installing infrastructure for parcel utilities and connections to the Road & Development Improvements and Electrical Utilities, all pursuant to the applicable governing permitting process and requirements, provided that if a parcel is developed before its annexation into the City becomes final, the Association and CC&Rs shall require compliance with Ukiah City Code (“UCC”) Sections 9135-9139 with the Association rather than the Ukiah Planning Commission issuing the Use Permit required by Section 9139.B..

Any or all of the nine (9) legal parcels reserved by Hull, which are not made part of the Hull Residential Parcels, shall be subject to Hull’s reserved exclusive right and sole discretion for the lawful use of those parcels outside the Hull-City Properties. In other words, Hull has the right to use the boundary line adjustment process, as may be lawful, to reconfigure all ten (10) of the legal parcels within the Hull-City Properties’ boundaries, such that: (a) the City will have sole and exclusive ownership and use of one (1) of the ten (10) legal parcels, encompassing all lands lying within the boundaries of the Hull-City Properties with the exception of the Hull Residential Parcels; (2) up to seven (7) of the ten (10) legal parcels will lie within the Hull Residential Parcels; and, (3) the balance of the ten (10) legal parcels will be used outside the boundaries of the Hull-City Properties.

To facilitate the parties’ intent, unless Hull agrees otherwise the City will apply for out of area service agreements to serve, and for annexation into the City of, the Hull Residential Parcels, and, consistent with its pre-zoning, the City shall zone said lands as part of its Single-Family Residential-Hillside Overlay District (R1-H). Said zoning will allow for the lot sizes specified in UCC Section 9139, which establishes minimum parcel size for residential use based on the average slope of the parcel and otherwise in compliance with the City’s (R1-H) zone requirements.

The Easements will be reserved and granted at the Close of Escrow in furtherance of these purposes. The parties shall cooperate to timely complete these objectives.

2.1.3 Exercise of Rights. The parties acknowledge that Hull is presently undertaking procedures and works of improvement in furtherance of creating and establishing the legal parcels, road(s), utilities, and infrastructure for the development within the Hull Residential Parcels and shall have the right to continue doing so, notwithstanding the transfer of the Hull Properties to the City and regardless of Annexation or an OASA, as long as he proceeds as described Section 2.2 below. Hull’s rights reserved under this Agreement with respect to the Hull Residential Parcels and Hull’s BLA Rights (defined below) are fully transferable and assignable.

2.1.4 Memorandum of Record. A memorandum of Hull's reserved rights under this Agreement, memorializing that the transfer of title to the City of the Hull Properties is subject to and conditioned on said rights, shall be recorded in the Official Records of Mendocino County against the Hull Properties contemporaneous with the Close of Escrow substantially in the form attached as **Exhibit J ("Memorandum")**.

2.2 RESIDENTIAL DEVELOPMENT

2.2.1 Residential Development. Notwithstanding the transfer of the Hull Properties to City, Hull shall retain and reserve, and is hereby granted, solely at Hull's expense, the exclusive right and sole discretion to create, establish, use, develop, and sell up to seven (7) legal parcels within the Hull Residential Parcels as part of a private, gated, residential development of single-family homes and such accessory structures as are allowed by law. This right and discretion includes all actions allowed by law and necessary to create and develop such lots, including lawfully adjusting the boundaries of the 10 legal parcels included within the Hull-City Properties to create individual lots in the Hull Residential Parcels, construction of road(s), utilities, and other infrastructure, and the establishments CCR's and the Association to benefit and govern such lands. Hull's right and discretion also includes all other lawful development deemed reasonably desirable in Hull's discretion to ready the Hull Residential Parcels for listing, sale, and/or transfer of title to such lots as part of a private, gated, community, with the purchasers / transferees undertaking the actual construction of single-family dwellings and ancillary structures and associated development on the individual lots pursuant to applicable permitting requirements. Nothing in this Agreement shall prevent Hull from directing the transfer of any lot(s) to himself or designees to undertake, in compliance with law and the terms of this Agreement, actual construction on such lot(s) as a transferee thereof. Hull's right and discretion further includes obtaining any ministerial or discretionary governmental approvals for lot line adjustments, as authorized by law, including, if applicable, Government Code Section 66412(d), parcel and subdivision maps under the Subdivision Map Act (Government Code §§66410 et seq.), commensurate local government subdivision ordinances, and site development, use, or grading permits. In exercising his rights under this Section 2.2.1, Hull may acquire, in addition to the Easements reserved and granted at the Close of Escrow as described in this Agreement, access and public utility easements, construct or improve roads to provide access and utilities to serve the residential development, including water, sewer, electricity, natural gas, telephone, cable television and internet service. Except as provided in this Agreement, Hull—and once formed the Association—shall solely pay all materials and construction / installation costs for the residential development.

2.2.2 Legal Parcels & Boundary Line Adjustments. Notwithstanding the conveyance of title to the Hull Properties to City, Hull shall retain and reserve, and is hereby granted, the exclusive right and sole discretion to boundary line adjust all ten (10) legal parcels situated in the Hull-City Properties and subsequently to use (including to sell) outside of the Open Space Parcels nine (9) of those ten (10) legal parcels within the Hull-City Properties for the purposes described in this Agreement. These rights and this discretion may be exercised without restriction if otherwise lawful, including, but not limited, to: create, establish, and develop parcels for the residential development of the Hull Residential Parcels; and/or, for use outside of

the lands comprising the Hull-City Properties. As part this exclusive right and sole discretion, Hull may boundary line adjust the ten (10) legal parcels that are situated within the Hull-City Properties, in accordance with applicable provisions of law, such that: (a) the City will be left with (1) of the ten (10) legal parcels, which will encompass all lands lying within the boundaries of the Hull-City Properties with the exception of the Hull Residential Parcels; (b) up to seven (7) of the ten (10) legal parcels will lie within the Hull Residential Parcels; and, (c) the balance of the ten (10) legal parcels will be used by Hull outside the boundaries of the Hull-City Properties. These rights and discretion apply whether such lands are situated within or without the incorporated area of City or owned by City, Hull, or third parties (the retained, reserved, and granted rights and discretion in this section are collectively referred to as “**Hull’s BLA Rights**”). Hull’s BLA Rights are subject to use as Hull, in his sole discretion, may desire and as may otherwise be lawful. Exercise of Hull’s BLA Rights shall not reduce the total acreage of the Hull-City Properties owned by the City situated outside of the Hull Residential Parcels. To the extent permitted by law, Hull’s BLA Rights may be used through multiple or successive boundary line adjustments (whether occurring within or without the Hull-City Properties). There are no limits under this Agreement to the number of boundary line adjustments Hull may cause to occur pursuant to this provision except as may otherwise be imposed by law. Hull’s BLA Rights shall be deemed exhausted only when the adjustments result in the City maintaining a single legal parcel that spans the lands comprising the Hull-City Properties excepting the Hull Residential Parcels. Except as may be required by law (other than laws adopted by City after the effective date of this Agreement) there shall be no time frame by which Hull may be required to put to use Hull’s BLA Rights; such rights shall inure to Hull’s benefit in perpetuity.

2.2.3 Easements.

(a) Easements reserved by Hull. Notwithstanding the conveyance of the Hull Properties to City, at the Close of Escrow, Hull shall reserve: exclusive, assignable, easements for purposes associated with the Hull Residential Parcels and to otherwise facilitate development on such lands for the intended purposes, and for the exercise, of Hull’s other retained, reserved, or granted rights under this Agreement; and, non-exclusive easements for the benefit of the San Jacinto Properties. Said easements shall be both in gross to Hull and appurtenant to the Hull Residential Parcels and appurtenant as to the San Jacinto Properties, including as such lands may be divided or reconfigured.

(b) Easements conveyed to City. At Close of Escrow Hull must convey to City a non-exclusive easement for access to the balance of the Hull Properties, including public access. The City shall retain an access easement as provided in this provision over any lot within the Hull Residential Parcels conveyed by City pursuant to Hull’s reserved, exclusive, rights and discretion to cause such transfer. City shall coordinate with Hull, and upon its creation the Association, use of the easement by members of the general public in order to preserve the security of the locked gate and the security and privacy of residents and parcels within the gated community. General public access of the Road within the Hull Residential Parcels will be revoked / reconveyed by City at such a time as alternative general public access has been established across the Hull Residential Parcels (or another location instead of through such

parcels)¹ as reasonably agreed to by Hull and the City in good faith. The parties shall do so within six (6) months from the Effective Date. If the parties have failed to agree on the alternative public access within said six (6) months, upon written request either party is entitled to compel arbitration of the dispute under the California Arbitration Act (Code Civ. Proc. §1280 et seq.), which shall be completed within six (6) months of the arbitration request. Upon the parties' agreement or pursuant to an arbitrator's decision, the City shall execute in recordable form an instrument reasonably agreeable to Hull that terminates and excludes from the easement (Exh. ____) granted to the City under this Agreement public access on, or use of, the Road.

(c) Easements – Grants and Reservations. Said easements described in this Section 2.2.3, in the forms attached as **Exhibits K-M**, shall be executed and recorded contemporaneous with the Close of Escrow and shall be in addition to those easements conveyed under the Easement, Road Access and Maintenance Agreement.

2.2.4 Parcel Configuration of Hull Residential Parcels. Attached as Exhibit I are maps depicting the approximate location of the ten (10) legal parcels situated within the Hull-City Properties. Page one of Exhibit I represents the approximate present configuration of the ten (10) legal parcels comprising the Hull-City Properties. Page two of Exhibit I represents the approximate intended configuration of the parcels comprising the Hull-City Properties, including the seven (7) legal parcels after their boundaries have been adjusted and reconfigured within the Hull Residential Parcels. Table 1 below further details the parties' intended approximate reconfiguration, zoning, and use of the Hull Residential Parcels.

Table 1. Hull Residential Parcels, Present Condition, Resulting Configuration, Annexation & Zoning

Parcel	Proposed Size (acres) through Lot Line Adjustments	Resulting Parcel Configuration, Intended Use and Proposed Pre-zoning & Zoning
1	9.8	Parcel 1 has been reconfigured by Hull pursuant to the boundary line adjustment process, thereby establishing an existing legal parcel situated within the Hull Residential Parcels intended for single family residential development and pre-zoned and zoned R1-H.
2	5.1	Parcel 2 has been reconfigured by Hull pursuant to the boundary line adjustment process, thereby establishing an existing legal parcel situated within the Hull Residential Parcels intended for single family residential development and pre-zoned and zoned R1-H.
3	9.9	Parcel 3 will be a legal parcel situated within the Hull

¹ Boundary line adjustments as permitted under this Agreement may permit a course for alternative public access through other portions of the Hull Properties, in whole or part, in lieu of the Hull Residential Parcels. Hull may also obtain rights and interests in neighboring parcels that may permit such alternative access in lieu of a course that runs through the Hull Residential Parcels in whole or part. This provision concerns an alternative to public access to City-owned property along the Road through the Hull Residential Parcels and is not conditioned on the City obtaining connecting access across other lands.

		Residential Parcels intended for single family residential development and pre-zoned and zoned R1-H.
4	9.0	Parcel 4 will be a legal parcel situated within the Hull Residential Parcels intended for single family residential development and pre-zoned and zoned R1-H.
5	5.0	Parcel 5 will be a legal parcel situated within the Hull Residential Parcels intended for single family residential development and pre-zoned and zoned R1-H.
6	9.7	Parcel 6 will be a legal parcel situated within the Hull Residential Parcels intended for single family residential development and pre-zoned and zoned R1-H.
7	5.0	Parcel 7 will be a legal parcel situated within the Hull Residential Parcels intended for single family residential development and pre-zoned and zoned R1-H.

2.2.5 The Road. There presently exists a private road extending westerly from Redwood Avenue, a public street, in Ukiah, California, through real property presently owned by Adonis and Sarah Noguera (the “Nogueras”) and onto property currently owned on one side of the road’s centerline by Ellison and on the other side of the road’s centerline by Hull, which road splits, one portion of which continues northerly within the Hull Residential Parcels, where it eventually reenters property owned by the Nogueras before traversing westerly and back on to and within the Hull Residential Parcels, continuing in that general direction through said lands and into the balance of the Hull Properties. This road is shown on the map attached hereto and incorporated herein by reference as **Exhibit N (“Road”)**.

2.2.6 Road & Development Improvements and Electrical Conduit. Hull—and once formed the Association—shall construct / install the Road & Development Improvements and Electrical Conduit. The Road & Development Improvements include, but are not limited to, the Road, paving of the Road, the locked gate located near the intersection of the public and private portions of Redwood Avenue and the Road, storm drains, other drainage facilities and water and sewer systems that will serve the residential lots made part of the Hull Residential Parcels. The water system shall be located entirely within the Hull Residential Parcels and consist of a water well(s) as the water source, water-storage tank(s), and water pipelines to deliver the water to each residential lot made part of the Hull Residential Parcels, with the lines installed along the Road to enable future connection by buyers of the individual lots (collectively “**Water System**”). The sewer system will consist of a private sewage disposal system in compliance with Division 4, Chapter 2, Article 4 of the Ukiah City Code, commencing with Section 3703.1 for which Hull shall install the sewage holding tank(s), pumps, and other components to enable future connection by buyers of the individual residential lots within the Hull Residential Parcels for the treatment of sewage solids and an effluent line along the Road, which shall connect with the City’s sewer main pipe on Redwood Avenue (collectively “**Sewer System**”). The Water System and Sewer System shall be for the sole benefit of the residential lots situated in the Hull Residential Parcels and not subject to connection by other parcels absent Hull’s or the Association’s express written consent. The Electrical Conduit includes trenching and installation of electrical conduit—through sweeps to splice box locations—along the Road sufficient to house electrical lines and components for residential electrical service to the lots within the Hull Residential Parcels. Hull—or once formed the Association—shall solely pay all materials and construction / installation costs for the Road & Development Improvements,

inclusive of the Water System and Sewer System, and the Electrical Conduit. Nothing herein shall prevent Hull or the Association from connecting the Hull Residential Parcels to public water, sewer, or electrical systems beyond those systems and connections detailed in this provision and upon application and permitting by the governing agency(ies).

(a) Indemnification & Mechanic's Liens. Hull's construction and installation of the Road & Development Improvements and Electrical Conduit, to the extent it involves physical changes to land within the Hull Properties, such as, but not limited to, grading and road construction, Hull must comply with the following:

(i) *Indemnification.* Except for the negligence or willful misconduct of City, including its employees and agents, and to the extent permitted by law, Hull agrees to indemnify, defend and hold harmless City and its officers, directors, members and employees (each, a "City Party") from and against any and all losses, liabilities, damages, costs and expenses (including reasonable attorneys' fees) resulting from claims by third parties for injuries to any person and damage to or loss of property caused by Hull—or those under his direction or control, including employees, contractors or subcontractors—during or as a result of the construction and installation of Road & Development Improvements and Electrical Conduit or other activities in furtherance of development. If any action or proceeding is brought against any City Party by reason of any such claim, then Hull, upon notice from City, shall defend the claim at Hull's expense with counsel reasonably approved by City.

(ii) *Mechanic's Liens.*

a) *Responsibility for Payment.* Hull hereby agrees that it will pay or cause to be paid all costs for work done by it or its contractors and any subcontractors, and it will keep the Hull Properties clear of all mechanics' liens on account of work done by Hull or his contractors during development.

b) *Security.* If Hull shall desire to contest any claim of lien it shall furnish City adequate security pursuant to Section 8424 and such other applicable provisions of the California Civil Code, plus estimated costs and interest, or a bond of a responsible corporate surety in such amount as is necessary to release the lien or provide City with evidence that enforcement of the lien is stayed. If a final judgment establishing the validity or existence of a lien for any amount is entered, Hull shall pay and satisfy the same at once.

c) *In Case of Default.* If Hull shall be in default in paying any charge for which a mechanics' lien claim and suit to foreclose the lien have been filed, and shall not have given City security to protect the Hull Properties and City against such claims of Lien, then City may, but shall not be obligated to, pay the said claim and any costs, and the amount so paid, together with reasonable attorneys' fees incurred in connection therewith, shall be immediately due and owing from Hull to City, and Hull agrees to and shall pay the same with interest at the legal rate of ten percent (10%).

(b) Hull's Tenant/Occupancy Permitted. Notwithstanding the transfer of the Hull Properties to City, Hull shall reserve the right to maintain a mobile home, trailer, or RV ("**Mobile Unit**") on the Hull Properties, as presently situated on or about Parcel 3 as

depicted on page 2 of Exhibit I. The Mobile Unit is currently occupied by Herman Costa (and family) for purposes of supervising development work on the Road, Road & Development Improvements, and Hull Residential Parcels and for caretaking, providing security and early wildfire detection services. City shall not object to Hull's continued use of the Mobile Unit, without rent, pending sale and pending transfer of title to the Hull Residential Parcels to third parties as contemplated by this Agreement, provided that Hull indemnifies and defends City from and against any damage, claim, liability and expense arising out of Hull's continued use of the Mobile Unit, including, but not limited to, any claim by the current or future occupants of the Mobile Unit. Hull shall provide the defense entirely at his expense using competent legal counsel approved by City. Hull shall notify the City in writing of any change of occupants of the Mobile Unit.

2.2.7 Electrical Utilities. Within a commercially reasonable period of time after Hull's written notice to City that the Electrical Conduit has been installed in compliance with the City's duly adopted rules, policies and standards governing its Electric Utility, including, but not limited to, Division 4, Chapter 7, commencing with Section 4000 of the Ukiah City Code ("Electrical Utility Requirements") and approval thereof by the City (the process for which shall be promptly undertaken), the City shall install, at no cost to Hull or the Association, the Electrical Utilities, which include, but are not limited to, electrical lines, splice boxes, transformers, and other components sufficient to provide electrical residential service to each lot within the Hull Residential Parcels. The installation of the Electrical Utilities by the City and their connection to Hull Residential Parcels must comply with the Electric Utility Requirements. The City shall have no obligation to inspect or approve the connection of Hull Residential Parcels to the Electrical Utilities or to provide electric service to the Hull Residential Parcels until LAFCO has finally approved either (1) an out of area service agreement to serve them pursuant to Government Code Section 56133 or (2) the annexation of the Hull Residential Parcels by the City. After the Electrical Utilities are installed by the City, it shall thereafter maintain, repair, and reconstruct them in compliance with the City's duly adopted rules, policies and standards governing its Electric Utility, including, but not limited to, Division 4, Chapter 7, commencing with Section 4000 of the Ukiah City Code ("Electrical Utility Requirements").

2.2.8 CCR's & Association. Contemporaneous with the Close of Escrow, CCR's that include the Declaration as described in Recital K of the Easement, Road Access and Maintenance Agreement, in the form attached as **Exhibit O**, will be recorded against the lands comprising the Hull Residential Parcels. The CCR's will run with the land and bind the City and successors and assigns of the Hull Residential Parcels. Hull shall reserve the exclusive right and sole discretion to form the Association to govern the Hull Residential Parcels. Except as provided herein, the owner(s) of each lot within the Hull Residential Parcels shall be a member of the Association. Notwithstanding the Close of Escrow and the City's record ownership/title to the lands comprising the Hull Residential Parcels, City shall not be an Association member—Hull shall initially be the sole member of the Association. The City shall and hereby does irrevocably assign to Hull all voting and other rights, interests, and privileges as would otherwise inure to the benefit of a member of the Association as an owner of the lands comprising, or a lot within, the Hull Residential Parcels and, except as specified in this Agreement and the Easement, Road Access and Maintenance Agreement, shall not be subject to assessment of fees by the Association or otherwise liable for any cost, claim or expense that would otherwise apply to a

member of the Association. Upon the sale of a lot within the Hull Residential Parcels by Hull, pursuant to Hull's reserved exclusive rights to cause a sale of any such parcel, Hull will assign and transfer the voting, membership, and other rights, interests, and privileges associated with that lot to the purchaser thereof, all subject to the CCRs and the Association's rules and regulations, whereupon the parcel owner shall become a member of the Association and entitled to the voting and other rights, interests, and privileges, and subject to all obligations, associated with such membership.

2.2.9 Maintenance Obligations. Hull—and once formed the Association—shall have sole authority, control, and responsibility to maintain, repair, and improve the Road & Development Improvements. City shall have sole authority, control, and responsibility to maintain, repair, and improve the Electrical Conduit and Electrical Utilities to serve the Hull Residential Parcels for its intended uses. The parties' rights and duties in this section shall be read and interpreted in keeping with the same rights and duties as expressed in the Easement, Road Access and Maintenance Agreement.

2.2.10 Maintenance Fee. Commencing on the first of the month following the Association's formation, City shall pay to the Association a monthly fee of \$75.00 for general maintenance and repair of the Road & Development Improvements ("Monthly Maintenance Fee"). On the anniversary date of the completion of the Road and on the first day of the same month each year thereafter, the monthly maintenance fee shall be adjusted upward, not to exceed a maximum of 3%, by the percentage change in the value in the prior twelve months of the All Urban Consumers Consumer Price Index (CPI-U), all items, for the San Francisco-Oakland-Hayward, CA, area (Base Period 1982 — 1984 = 100), not seasonally adjusted, as compiled and published by the U.S. Department of Labor, Bureau of Labor Statistics or its successor index. Hull—and once formed the Association—shall be responsible for properly setting and collecting maintenance fees from lot owners within the Hull Residential Parcels. The parties' rights and duties in this section shall be read and interpreted in keeping with the same rights and duties as expressed in the Easement, Road Access and Maintenance Agreement.

2.2.11 Sale & Transfer of Title to Hull Residential Parcels. Notwithstanding the transfer of the Hull Properties to City, Hull shall retain and reserve, and is hereby granted, the exclusive right and sole discretion and entirely at his expense and without any cost to City, to list, sell, and/or transfer title to the Hull Residential Parcels, inclusive of any lots created therein. This right and discretion includes, but is not limited to: selection of real estate brokers, agents, marketers, title and escrow agents, and other persons or entities to facilitate sale of said properties to third parties; selecting, negotiating, and finalizing the terms of listings and sales of said properties; and, the right to the entirety of the proceeds of sales of said properties. Further, and notwithstanding the transfer of the Hull Properties to City, Hull shall retain and reserve, and is hereby granted, the exclusive right and sole discretion to direct the City to transfer title to the Hull Residential Parcels, inclusive of any lots created therein, at any time subsequent to the Close of Escrow.

2.2.12 Cooperation & Authority. In keeping with Hull's reserved rights under this Agreement, and except as provided in this Agreement and entirely at Hull's expense and without cost to City, City shall fully and timely cooperate with Hull—and once formed the

Association—in exercising the reserved rights and discretion under this Agreement, including, but not limited to: processing boundary line adjustments; permitting (as may be required under this Agreement); with respect to the work and procedures undertaken in furtherance of creating, establishing, and developing the Hull Residential Parcels; Hull’s listing and sale of parcels; the transfer of title to the Hull Residential Properties as directed by Hull; and all other matters as may be reasonably requested for purposes of carrying out the provisions and intent of Hull’s reserved rights and discretion under this Agreement. Hull is hereby authorized to submit applications on behalf of the City in its capacity as owner / record title holder the Hull-City Properties as may be required in Hull’s exercise of the reserved rights and discretion provided in this Agreement. City shall at all times keep the Hull Residential Parcels free and clear of all liens and encumbrances.

2.3 ANNEXATION, ZONING & OUT-OF-AREA SERVICE AGREEMENTS.

2.3.1 Annexation. Within an administratively reasonable period of time not to exceed 75 days after Close of Escrow, the City shall adopt and submit to the Mendocino County Local Agency Formation Commission (“**LAFCO**”) a resolution of application to annex to the City the portion of the Hull Properties (as well as the lands owned by the Nogueras as described in the Easement, Road Access and Maintenance Agreement) within the City’s sphere of influence (“**SOI**”), established in 1984, which City represents includes all of the lands described herein as the Hull Residential Parcels. If required, the City will also file with LAFCO an application to amend the City’s sphere of influence to include the balance of the Hull Properties and/or City Property. City shall diligently work to complete any portion of its Annexation application that is deemed by the Executive Officer of LAFCO incomplete or otherwise deficient. City shall proceed in good faith to process the Annexation application in the most expeditious manner reasonably possible.

2.3.2 Prezoning & Zoning. Upon Annexation in compliance with the City of Ukiah Ordinance No. 1217, “Uncodified Ordinance of the City Council to Prezone Certain Parcels in Association with the Western Hills Open Land Acquisition and Limited Development Agreement,” adopted on October 6, 2021 (“Prezoning”), the City shall zone in the City’s Single-Family Residential-Hillside Overlay District (R1-H) all lands in which the Hull Residential Parcels are situated, as more particularly described in Table 1 in this Agreement. Consistent with its Prezoning, upon annexation, the balance of the Hull Properties shall be included within the Public Facilities (PF) zoning district.

2.3.3 Out-Of-Area Service Agreement. Within an administratively reasonable period of time not to exceed 45 days after the Close of Escrow, the City shall adopt and submit to LAFCO a resolution of application(s) for an out-of-area service agreement (“**OASA**”) to extend its electrical utilities and effluent sewer lines and services to the Hull Residential Parcels for residential use. City shall proceed in good faith to process the OASA application(s) in the most expeditious manner reasonably possible.

2.3.4 Cooperation & Other Possible Approvals. In keeping with Hull’s reserved rights under this Agreement, Hull shall fully cooperate with the City in processing its applications through LAFCO, including, but not limited to, preparing or filing with the City or

LAFCO any documents reasonably requested by City to support or receive approval of an amended SOI, if required by LAFCO, the annexation or the OASA. City shall diligently pursue its applications, using its best efforts to obtain LAFCO's approval of the applications. City shall diligently pursue implementation of the change in the City's boundaries to incorporate the annexed territory and implementation of the OASA to actually provide such services in the most expedient manner reasonably practical. The parties understand and agree that the application(s) may be denied and that the time required to obtain approvals is uncertain. The parties understand and agree that approval of the annexation requires, or may require, agreements and approvals with and by other private and public individuals and entities and may be subject to public hearings and potentially litigation, including, by way of example only and not as an exclusive list, environmental review under the California Environmental Quality Act, a tax sharing agreement with Mendocino County, approval of the annexation and OASA by the LAFCO, possible review of the extension of City electrical service by PG&E and the California Public Utilities Commission, prior to annexation, approval by LAFCO of an out of area service agreement for City water, sewer or electrical service, and the approval of other permits by the County before, and the City after, annexation or the OASA.

2.3.5 Annexation, Zoning & OASA Expenses. City shall be solely responsible to pay all costs associated with the processing and completion of the Annexation(s), OASA(s), SOI amendment, and Rezoning and zoning, as provided in this Agreement.

2.4 HULL'S RIGHT TO ALTERNATIVE PERFORMANCE AND BREACH OF AGREEMENT

2.4.1 Failed Consideration Due to No Fault of Hull. Hull's rights and discretion to develop and sell up to seven (7) legal parcels for residential use within the Hull Residential Parcels as a part of a private, gated, community, as detailed above in Section 2 of this Agreement ("**Residential Development Rights**"), is a substantial portion of the consideration provided to Hull under this Agreement. In the event of a Withdrawal Event under Section 2.4.3, Hull will have not received a substantial portion of consideration due to him under this Agreement. In such an event, Hull shall be entitled to: (1) alternative performance by City, as provided in this Section 2.4; and, (2) recover damages suffered by Hull or his successors or assigns, if the City breaches this Agreement as provided in Section 2.4.3(b), below.

2.4.2 Alternative Performance. Hull's right to alternative performance ("**Alternative Performance**") by City shall include City's transfer back to Hull of all right, title, and interest in and to (a) the Parcel labeled "1" on page two of Exhibit G, (b) the Parcel labeled "2" on page two of Exhibit G, and (c) an additional 40 acre parcel of land adjacent to said parcels, to be established by Hull in his discretion pursuant to a boundary line adjustment, the intended approximate location of which is labeled "Additional Development Area" on page "2" of Exhibit G (collectively "**Withdrawn Property**"), such parcels referred elsewhere in this Agreement as the Hull Residential Parcels.

2.4.3 Withdrawal Events, Hull's Exercise of Right to Alternative Performance & Damages for Breach of Agreement. On the occurrence of any of the following events (collectively or individually a "**Withdrawal Event**"), and subject to conditions stated in the following subsections, Hull shall be entitled to: exercise the right to the City's Alternative Performance; and,

additionally with respect to a Withdrawal Event under Section 2.4.3 (b), damages for City's breach of this Agreement. Neither the exercise of Alternative Performance nor recovery of damages shall affect any other provisions of this Agreement or the Easement, Road Access and Maintenance Agreement:

(a) Annexation. If the City complies with Section 2.3.1 and in doing so fails or is unable to procure LAFCO's approval of Annexation within one (1) year from the date the Executive Officer of LAFCO accepts the City's application as complete ("**Application Acceptance**" - City shall promptly provide Hull written notice of the Application Acceptance by LAFCO), Hull may exercise the right to Alternative Performance by giving the City advance written notice on or before the date that is sixty (60) days before the one (1) year anniversary of Application Acceptance ("**60 Day Notice**"). If Hull fails to give a 60 Day Notice, Hull may not exercise the right to Alternative Performance prior to the second anniversary of Application Acceptance. Hull may exercise the right to Alternative Performance at the end of the second anniversary of Application Acceptance by giving the City a 60 Day Notice prior to the second anniversary. If Hull fails to give that 60 Day Notice, Hull cannot exercise the right to Alternative Performance until the end of the third anniversary of Application Acceptance, at which time the right to Alternative Performance shall be deemed automatically exercised unless Hull and the City agree otherwise in writing. Alternative Performance in this Section 2.4.3 (a) includes withdrawal of the Hull Residential Parcels from the City's Annexation application for which the parties shall cooperatively and promptly take all action necessary to accomplish.

(b) Zoning. If the City fails to comply with Section 2.3.1, fails to zone the Hull Residential Parcels in the City's Single-Family Residential-Hillside Overlay District (R1-H) as required by this Agreement, or subsequently modifies such zoning in a way that reduces or prevents the exercise of the Residential Development Rights, the City shall be deemed to have breached this Agreement and Hull may then exercise the right to Alternative Performance by giving the City thirty (30) days advance written notice and shall also recover damages from City, as authorized under Section 2.4.1, for the breach.

2.4.4. Duties on Exercise of Right to Alternative Performance. On Hull's exercise of the right to Alternative Performance, the parties shall undertake the following actions within the stated timeframes:

(a) Within three (3) business days of Hull's notice of exercise of the right to Alternative Performance the parties shall cooperate with each other to open an escrow with the Escrow Agent for the transactions required by the Alternative Performance;

(b) Within ten (10) days of Hull's notice of exercise of the right to Alternative Performance, City shall execute and deliver to the Escrow Officer grant deeds conveying to Hull all right, title, and interest in and to any then-existing legal parcels comprising the Withdrawn Property free and clear of all liens. To the extent any portion of the land referred to in Section 2.4.2 (c) has not been established as a legal parcel(s), City shall, within fourteen (14) days of recordation of the instrument by which a legal parcel(s) comprising all such land is created, execute and deliver to the Escrow Officer a Grant Deed conveying to Hull all right, title, and interest in and to said parcel(s).

(c) To the extent any portion of the land referred to in Section 2.4.2 (c) has not been established as a legal parcel, within twenty one (21) days of Hull’s notice of exercise of the right to Alternative Performance, Hull shall prepare and deliver to City tentative maps and legal descriptions sufficient to boundary line adjust parcels within the Hull-City Properties to establish a legal parcel(s) comprising all such land. In this event, the parties shall work cooperatively to process and perfect any such boundary line adjustment(s) in the most efficient and timely manner reasonably possible.

(d) The parties shall timely perform all other acts reasonably required to carry out the intent and provisions of this Section 2.4, including as may be requested by the Escrow Agent, and shall equally pay all fees, costs, and expenses of the escrow and Escrow Agent, including associated title costs.

(e) The parties shall cause escrow to close within twenty one (21) days of the escrow opening or, if applicable, ten (10) days after recordation of the instrument by which a legal parcel(s) comprising all land referred to in Section 2.4.2 (c) is established. On the close of this escrow, Escrow Agent shall record all instruments in a manner to carry out the intent of the parties as expressed in this Section 2.4 and cause conformed and recorded copies of the same to be delivered to both Hull and City.

2.4.5 Balance of Agreement Unaffected. In the event of a Withdrawal Event, and except as provided in this Section 2.4, no additional consideration shall be paid or exchanged by the parties and the balance of the Agreement shall remain unaffected—by way of example only: the provisions of Section 1 not modified by this Section 2.4 shall remain in full force and effect; the City and Hull shall continue to retain all easements reserved or granted under this Agreement and those conveyed pursuant to the Easement, Road Access and Maintenance Agreement; and, Hull’s retained and reserved rights and discretion to nine (9) of the ten (10) legal parcels situated within the Hull-City Properties and Hull’s BLA Rights shall remain in full force and effect.

///

///

///

///

///

///

///

///

///

///

///

3. MISCELLANEOUS

3.1 Notices. All notices and any other communications permitted or required under this Agreement must be in writing and will be effective (a) immediately upon delivery in person or by facsimile, or upon delivery to the recipient if attached to an email communication; (b) on the date of delivery, as evidenced by the records of the courier, if deposited with a nationally-recognized commercial courier for overnight delivery, provided delivery is made during regular business hours or receipt is acknowledged by a person reasonably believed by the delivering party to be employed by the recipient; or (c) on the date indicated on the return receipt, if deposited with the United States Postal Service, certified mail, return receipt requested, postage prepaid. Any notice to be given by any party hereto may be given by the counsel for such party. All notices must be properly addressed and delivered to the parties at the addresses set forth below, or at such other addresses as either party may subsequently designate by written notice given in the manner provided in this section. A copy of all notices and other communications shall be delivered by email:

Hull: David J. Hull
P.O. Box 837
Ukiah, CA 95482
Email: davehullins@yahoo.com

City: City of Ukiah
Attention: Sage Sangiacomo, City Manager
Ukiah Civic Center
300 Seminary Ave
Ukiah, CA. 95482
Fax: 707-463-6204
Email: ssangiacomo@cityofukiah.com

3.2 Headings. The headings used herein are for purposes of convenience only and shall not be used in construing the provisions hereof.

3.3 Further Assurances. The parties hereby agree to execute such other documents and perform such other acts as may be reasonably necessary or desirable to carry out the purposes of this Agreement, whether before or after the Closing Date.

3.4 Entire Agreement. This Agreement represents the final, entire and complete agreement between the parties with respect to the subject matter hereof and supersedes all other prior or contemporaneous agreements, communications or representations, whether oral or written, express or implied. The parties acknowledge and agree that they shall not and are not relying on any representation, promise, inducement or other statement, whether oral or written and by whomever made, that is not contained expressly in this Agreement. This Agreement may only be

modified by a written instrument signed by representatives authorized to bind both parties. Oral modifications are unenforceable.

3.5 Exhibits. Exhibits attached to this Agreement are incorporated into it by reference.

3.6 Partial Invalidity. If any term, covenant or condition of this Agreement or its application to any person or circumstances shall be held to be illegal, invalid or unenforceable, the remainder of this Agreement or the application of such term or provisions to other persons or circumstances shall not be affected, and each term hereof shall be legal, valid and enforceable to the fullest extent permitted by law, unless an essential purpose, or substantial portion of the consideration, of this Agreement would be defeated by the loss of the illegal, unenforceable, or invalid provision. In the event of such partial invalidity, the parties shall seek in good faith to agree on replacing any such legally invalid provisions with valid provisions which, in effect, will, from an economic viewpoint, most nearly and fairly approach the effect of the invalid provision and the intent of the parties in entering into this Agreement.

3.7 No Waiver. No consent or waiver by either party to or of any breach or non-performance of any representation, condition, covenant or warranty shall be enforceable unless in a writing signed by the party entitled to enforce performance, and such signed consent or waiver shall not be construed as a consent to or waiver of any other breach or non-performance of the same or any other representation, condition, covenant, or warranty. Nothing herein shall be construed to alter any statute of limitations.

3.8 Time of the Essence. Time is of the essence of this Agreement and each and every provision hereof.

3.9 Governing Law. This Agreement is entered into and shall be governed by, and construed and enforced in accordance with, the laws of the State of California (without giving effect to its choice of law principles). The parties agree to the jurisdiction of the California state courts and to venue in the state courts in Mendocino County.

3.10 Interpretation. All parties have been represented by counsel in the preparation and negotiation of this Agreement, and this Agreement shall be construed according to the fair meaning of its language. The rule of construction to the effect that ambiguities are to be resolved against the drafting party shall not be employed in interpreting this Agreement. Unless the context clearly requires otherwise, (i) the plural and singular numbers shall each be deemed to include the other; (ii) the masculine, feminine, and neuter genders shall each be deemed to include the others; (iii) "shall," "will," or "agrees" are mandatory, and "may" is permissive; (iv) "or" is not exclusive; (v) "includes" and "including" are not limiting; and (vi) "days" means calendar days unless specifically provided otherwise.

3.11 Third Party Beneficiaries. This Agreement has been made solely for the benefit of the parties hereto, the Association, and their respective successors and permitted assigns, and nothing in this Agreement is intended to, or shall, confer upon any other person any benefits, rights or remedies under or by reason of this Agreement.

3.12 Compliance with Laws. Each party shall comply with all applicable laws, rules, regulations, orders, consents and permits in the performance of all of their obligations under this

Agreement.

3.13 Counterparts. This Agreement may be signed in any number of counterparts with the same effect as if the signatures to each counterpart were upon a single instrument and is intended to be binding when all parties have delivered their signatures to the other parties. Signatures may be delivered by electronic or facsimile transmission. All counterparts shall be deemed an original of this Agreement.

3.14 Authority. The individuals executing this Agreement on behalf of Hull and City individually represent and warrant that he or she has been authorized to do so and has the power to bind the party for whom they are signing.

3.15 Binding Effect; Assignment. This Agreement shall be binding upon, and shall inure to the benefit of, the heirs, successors and permitted assigns of the parties hereto. The City shall cooperate with Hull in any exchange by Hull under 26 U.S.C. §1031. Nothing in this provision shall preclude Hull from assigning this Agreement, or rights associated with it, as contemplated by Section 2 of this Agreement, including but not limited to the Association, and the future owners of, the Hull Residential Parcels. As to any of Hull's successors or assigns of his reserved, retained, or granted rights under Section 2 of this Agreement, upon said successor or assign assuming all of Hull's duties and obligations associated with such assignment or succession, Hull shall be released from such duties and obligations placed on Hull in said section. City shall not assign this Agreement without Hull's prior written approval, such approval not be unreasonably withheld or delayed, except that the City may assign its rights and obligations under this Agreement to a Public Agency or an organization or entity that is a qualified organization at the time of transfer under Section 170(h) of the Internal Revenue Code of 1986 and applicable regulations. No such assignment shall release City from liability for the performance of any of its obligations under this Agreement which cannot lawfully be performed by the assignee.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year written below.

[SIGNATURES ON NEXT PAGE]

Exhibit A

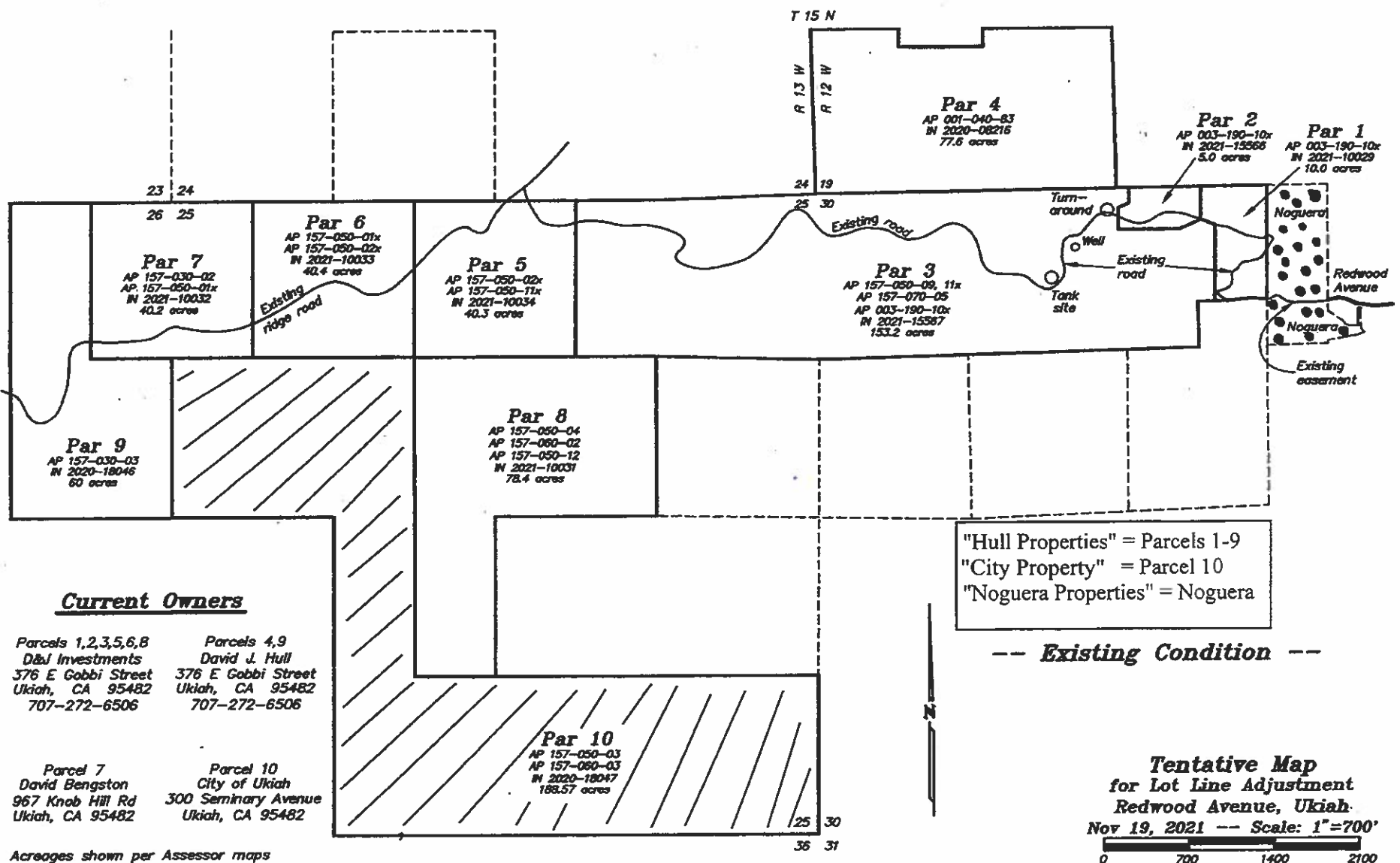


EXHIBIT A -1

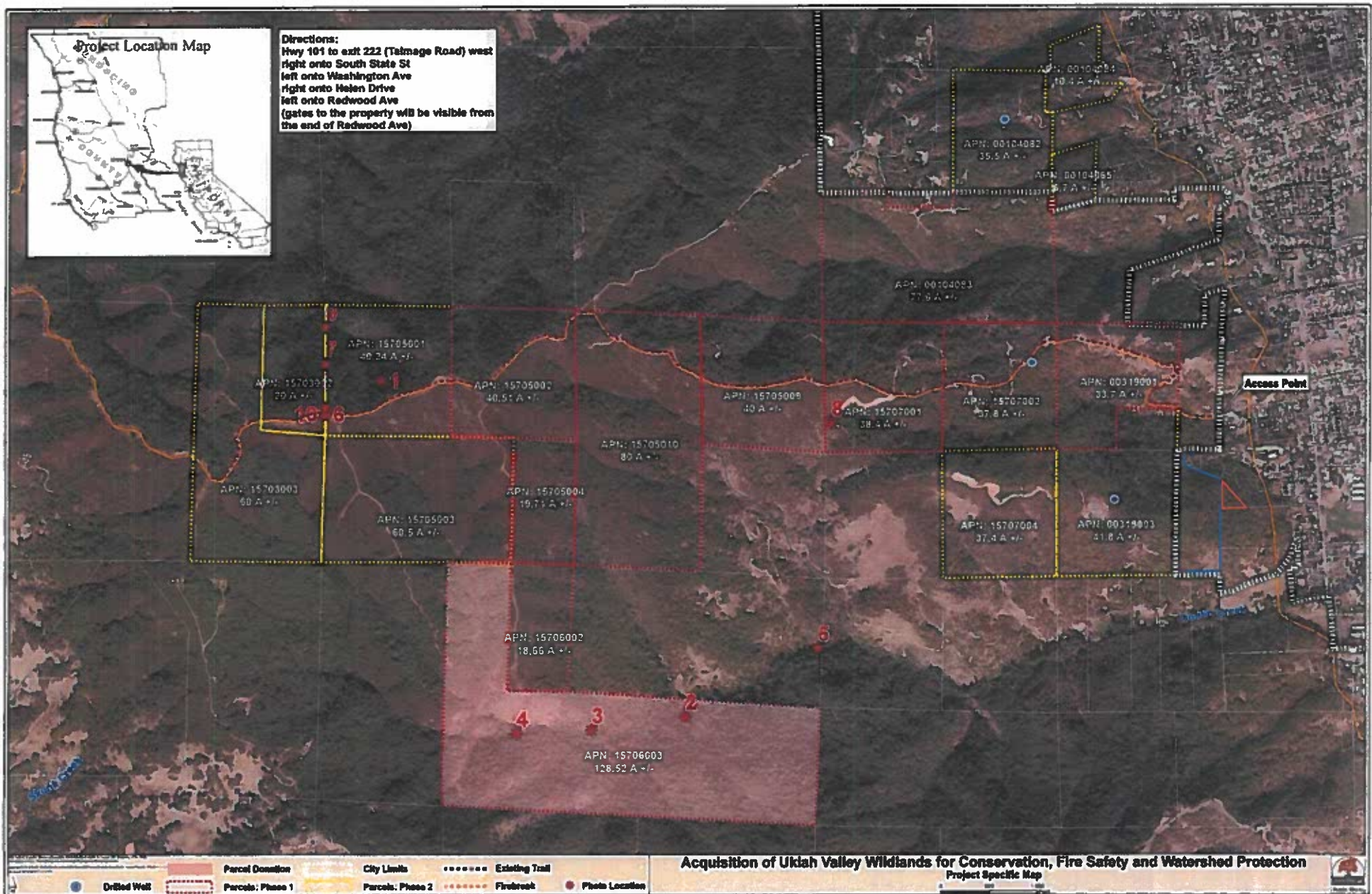


EXHIBIT B

(Hull, Bengston, D&J Investments)

All that certain property situated in the County of Mendocino, State of California, more particularly described as follows:

All those properties located within Sections 19 and 30, Township 15 North, Range 12 West, and within Sections 25 and 26, Township 15 North, Range 13 West, Mount Diablo Meridian, described in the following nine instruments:

1. Instrument No. 2021-10029, Mendocino County Records, D&J Investments, LLC
2. Instrument No. 2021-15566, Mendocino County Records, D&J Investments, LLC
3. Instrument No. 2021-15567, Mendocino County Records, D&J Investments, LLC
4. Instrument No. 2020-08216, Mendocino County Records, Hull
5. Instrument No. 2021-10034, Mendocino County Records, D&J Investments, LLC
6. Instrument No. 2021-10033, Mendocino County Records, D&J Investments, LLC
7. Instrument No. 2021-10032, Mendocino County Records, Bengston
8. Instrument No. 2021-10031, Mendocino County Records, D&J Investments, LLC
9. Instrument No. 2020-18046, Mendocino County Records, Hull, EXCEPTING
THEREFROM all that portion land described in Instrument No. 2020-18046 that
was granted from Hull to the City of Ukiah by way of Instrument No. 2020-18047.

~~EXHIBIT 2~~

After recording mail to:

City of Ukiah, a general law municipal corporation
300 Seminary Ave.
Ukiah, CA 95482

CONFORMED COPY

Copy of Document Recorded on
03/03/2021 09:23:58 AM
as 2021-03351
Mendocino County Clerk-Recorder

Order No.: 20203118DN

SPACE ABOVE THIS LINE FOR RECORDER'S USE

**GRANT DEED
DOCUMENT TITLE**

This document is being re-recorded to Correct the spelling of the Grantor's name;
Grant Deed originally recorded December 31, 2020 as
Document number: 2020-18047, Mendocino County Records.

RECORDING REQUESTED BY:
Redwood Empire Title Company of Mendocino
County

**Mail Tax Statements and
When Recorded Mail Document To:**
City of Ukiah, a general law municipal corporation
300 Seminary Avenue
Ukiah, CA 95482

Escrow No.: 20203118DN

2020-18047
Recorded at the request of:
REDWOOD EMPIRE TITLE
12/31/2020 09:37 AM
Fee: \$0 Pgs: 1 of 5
OFFICIAL RECORDS
Katrina Bartolome - Clerk-Recorder
Mendocino County, CA

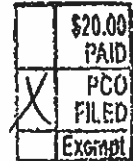


SPACE ABOVE THIS LINE FOR RECORDER'S USE

GRANT DEED

The undersigned grantor(s) declare(s) Documentary Transfer Tax stamps in the sum of -0- NO RECORDING FEE
PURSUANT TO RTC-11922

- ☐ computed on full value of property conveyed, or
☐ computed on full value less value of liens or encumbrances remaining at time of sale,
☒ Unincorporated area: of



FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,
David

~~DAVE~~ J. Hull, a married man, as his sole and separate property

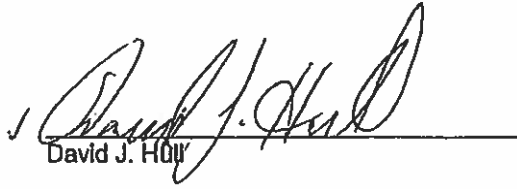
hereby **GRANT(S)** to

City of Ukiah, a general law municipal corporation

the following described real property:

SEE EXHIBIT "A" ATTACHED HERETO AND MADE A PART HEREOF;

Dated: December 15, 2020


David J. Hull

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

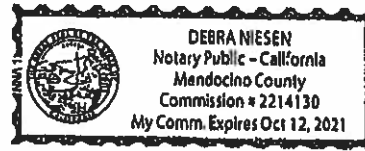
County of Mendocino
On Dec. 30, 2020 before me,
Debra Niesen, Notary Public,
personally appeared David J. Hull

David J. Hull who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

Witness my hand and official seal.

Signature Debra Niesen (Seal)
Debra Niesen



Escrow No.: 20203118DN
Title Order No.:

EXHIBIT A

THE LAND REFERRED TO HEREIN BELOW IS DESCRIBED AS FOLLOWS:

Lots 3, 6, 7 and 8 and the west half of Lots 4 and 5, all in Section 25, Township 15 North, Range 13 West, M.D.M.

Excepting therefrom all the coal and other minerals reserved by the United States in the Patents recorded March 15, 1945 in Book 182 of Official Records, Page 212, and recorded April 10, 1949 in Book 258 of Official Records, Page 273, Mendocino County Records.

A.P.N.: 157-050-03-05, 157-060-03-05

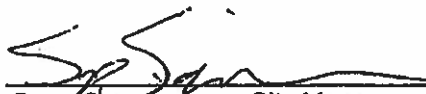
Pursuant to Certificate of Compliance recorded December 22, 2020 as 2020-17564 of Official Records.



CERTIFICATE OF ACCEPTANCE

This certifies that the interest in real property conveyed by the Grant Deed, dated December, 15, 2020, from David J. Hull to the City of Ukiah, a general law municipal corporation, is hereby accepted by order of the undersigned officer on behalf of the City of Ukiah pursuant to authority conferred by resolution of the City Council of the City of Ukiah adopted on February 1, 1961, and the Grantee consents to recordation thereof by its duly authorized officer.

By:


Sage Sangiacomo, City Manager

APN 156-060-03

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

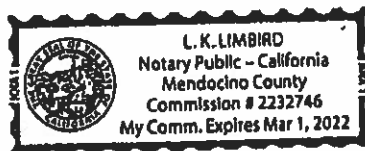
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
 County of Mendocino)
 On December 15, 2020 before me, L. K. Limbird
 Date Here Insert Name and Title of the Officer
 personally appeared Sage Lee Sangiacomo
 Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature L. K. Limbird
 Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: Certificate of Acceptance
 Document Date: December 15, 2020 Number of Pages: 1
 Signer(s) Other Than Named Above: _____

Capacity(ies) Claimed by Signer(s)

Signer's Name: Sage Lee Sangiacomo
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator
☒ Other: City Manager
 Signer Is Representing: _____

Signer's Name: _____
☐ Corporate Officer — Title(s): _____
☐ Partner — ☐ Limited ☐ General
☐ Individual ☐ Attorney in Fact
☐ Trustee ☐ Guardian or Conservator
☐ Other: _____
 Signer Is Representing: _____

Exhibit D

Escrow No.: 20220035RB
Title Order No.:

EXHIBIT A
Legal Description

THE LAND REFERRED TO HEREIN BELOW IS DESCRIBED AS FOLLOWS:

TRACT ONE:

Parcel 1, as numbered and designated upon the Parcel Map of Minor Subdivision No. 84-6 filed for record July 26, 1984 in Map Case 2, Drawer 42, Page 2, Mendocino County Records.

APN: 003-181-01

TRACT TWO:

A 5 foot wide public utility easement, as reserved in the Grant Deed executed by City of Ukiah recorded July 16, 1985 in Book 1514, Page 244 of Official Records.

Exhibit E

Escrow No.: 20220036RB
Title Order No.:

EXHIBIT A
Legal Description

THE LAND REFERRED TO HEREIN BELOW IS DESCRIBED AS FOLLOWS:

Commencing at the Northwest corner of those lands described in deed from Amos Mahurin, et ux to Frank Robinson, et ux, dated November 1, 1930, recorded in Book 56 of Official Records, Page 362 et. seq., Mendocino County Records; thence North 82°25'06" East (Easterly per aforesaid deed), 45.00 feet along the South line of the County road leading from Ukiah to Talmage by way of Twin Oaks to the Point of Beginning; thence continuing North 82°25'06" East, 153.05 feet along the said South line of the County road leading from Ukiah to Talmage to the Northwest corner of Parcel 2 as designated upon the Parcel Map of Minor Subdivision No. 84-6 filed for record July 26, 1984 in Map Case 2, Drawer 42, Page 2, Mendocino County Records; thence along the Northerly line of said Parcel 2 North 82°25'06" East, 47.66 feet; thence continuing along the Northerly and Easterly line of said Parcel 2 through a tangent curve to the right with a radius of 15.00 feet through a central angle of 94°11'05" a distance of 24.66 feet; thence along the Easterly line of said Parcel 2 South 3°23'49" East, 15.76 feet; thence continuing along the Easterly line of said Parcel 2 through a tangent curve to the left with a radius of 3,044.00 feet through a central angle of 2°36'15" a distance of 138.36 feet; thence leaving said Easterly line of said Parcel 2 South 82°25'06" West, 249.76 feet more or less to the West line of the lands described in the aforesaid deed; thence along said West line North 08°31'40" West, 80.00 feet; thence leaving said West line North 82°25'06" East, 45.00 feet; thence North 08°31'40" West, 90.00 feet to the Point of Beginning.

Basis of Bearings: Found monuments as shown on Record of Survey, Map Case 2, Drawer 23, Page 31, Mendocino County Records, being North 08°31'40" West.

APN: 003-582-38

Pursuant to City of Ukiah Boundary Line Adjustment No. BLA 09-07 by Quitclaim Deed recorded October 25, 2010 as 2010-15014 of Official Records.

Escrow No.: 20220270RB
 Title Order No.:

EXHIBIT A
Legal Description

THE LAND REFERRED TO HEREIN BELOW IS DESCRIBED AS FOLLOWS:

Tract One:

Lying within Section 30, T15N, R12W, M.D.B.&M. and Lot 77 of the Yokayo Rancho and being more particularly described as follows:

Beginning at a 1/2" iron pipe plugged L.S. 3089 and being the Northwestern corner of Lot 2 of said Section 30 as shown per Case 2, Drawer 16, Page 30 M.C.R.; thence S 0°10'50" E 1325.72 feet to a 1/2" iron pipe plugged L.S. 3089 being the Southwesterly corner of said Lot 2; thence N 87°51'37" E 504.77 feet to a 1/2" iron pipe plugged L.S. 3089 being the Southeasterly corner of said Lot 2; thence along the Easterly line of said Lot N 0°13'08" W 733.49; thence N88° 12' 00" E 255.00 feet; thence N 41° 14' 41" W 388.33 feet; thence N 73° 11' 09" W 401.86 feet; North 160 feet to the Northerly line of said Lot 2; thence along said line S 88° 37' 58" W 120 feet to the point of beginning .

APN: 003-190-08 & 003-500-19

Tract Two:

Together with a non-exclusive easement for ingress, egress and public utilities being a width of 30 feet and lying equally left and right of the following described centerline.

Beginning at a point on the centerline at the Westerly end of San Jacinta Dr. as shown per Case 2, Drawer 13, Page 26 M.C.R.; thence S 86° 04' W 118.00 feet to a tangent curve concave to the South; thence thru said curve with central angle of 39° 56'00" a radius of 50.00 feet, a distance of 34.85 feet; thence S 46°08' W 70.00 feet to a tangent curve concave to the East; thence thru said curve with a central angle of 76° 08' a radius of 50.00 feet, a distance of 66.44 feet; thence S 30°00' E 40.00 feet to a tangent curve concave to the Northwest, thence thru said curve with a central angle of 148° 20' a radius of 40.00 feet, a distance of 103.56 feet; thence N 61° 40' W 65.00 to a tangent curve concave to the Northeast, thence thru said curve with a central angle of 44° 40' a radius of 50.00 feet, a distance of 38.98 feet; thence N 17° 00' W 50.00 feet to a tangent curve concave to the southeast; thence thru said curve with a central angle of 198° 00' a radius of 75.00 feet, a distance of 259.18 feet; thence S 35° 00' E 32.81 feet to the terminus of the above described line.

EXHIBIT "C1"

(Hull and D&J Investments)

All that certain property situated in the County of Mendocino, State of California, more particularly described as follows:

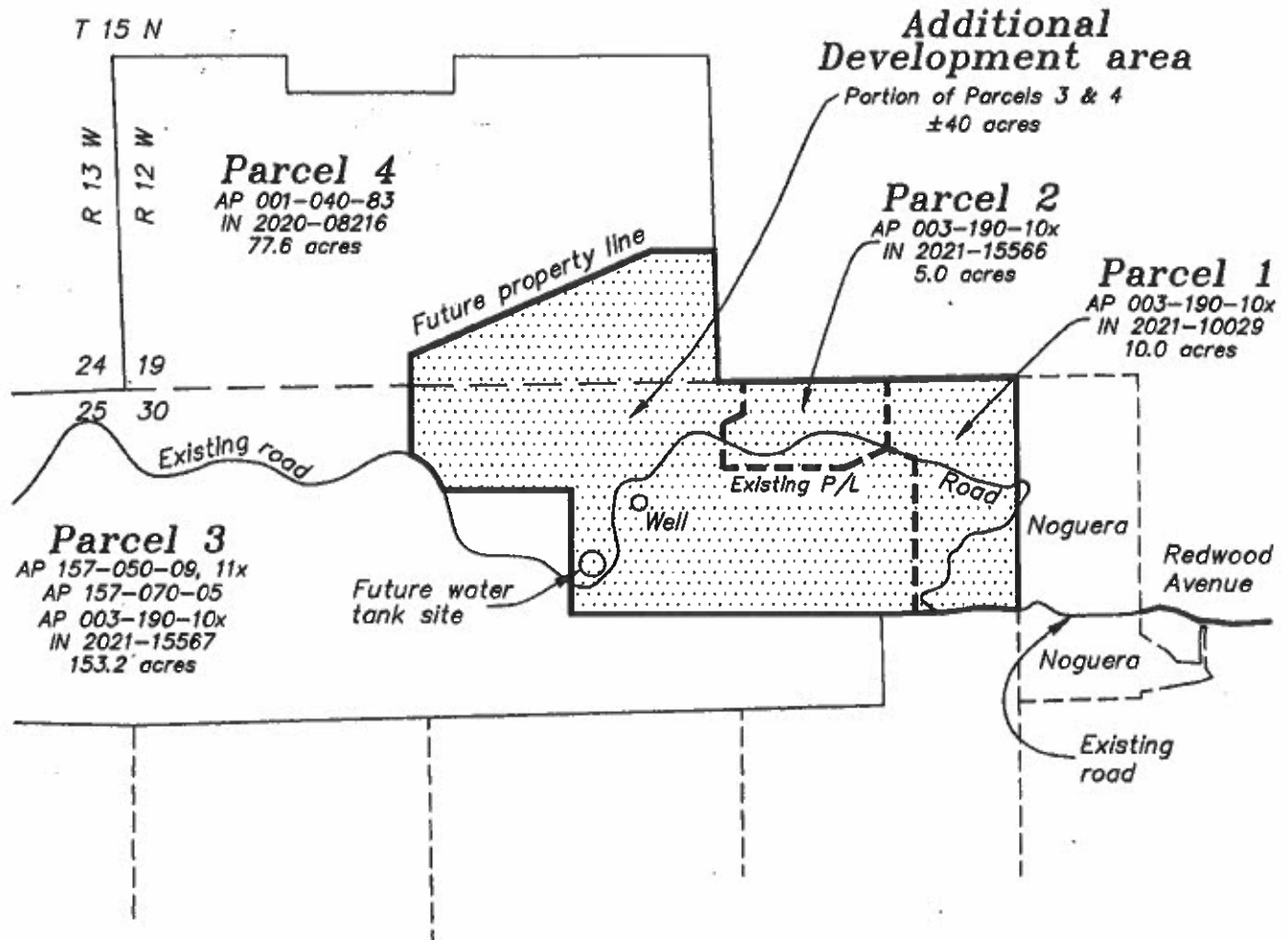
All those properties located within Sections 19 and 30, Township 15 North, Range 12 West, Mount Diablo Meridian described as follows:

1. All of that property described in Instrument Number 2021-10029, Mendocino County Records, labeled as Parcel 1 on the attached Exhibit "C2". (Owned by D&J Investments, portion of AP 003-190-10)

2. All of that property described in Instrument Number 2021-15566, Mendocino County Records, labeled as Parcel 2 on the attached Exhibit "C2". (Owned by D&J Investments, portion of AP 003-190-10)

3. An approximate 40 acre area lying within the properties described in Instrument Numbers 2020-08216 and 2021-15567, Mendocino County Records, labeled as Parcels 3 and 4 on the attached Exhibit "C2". (Owned by Hull and D&J Investments, portion of AP 001-040-83, portion of AP 003-190-10 and portion of AP 157-070-05). This area is shown on the attached Exhibit "C2", labeled Additional Residential Development Area.

Exhibit "C2"



Note:

Shaded area = Residential Development Area
(aka Hull Residential Parcels)

**Residential
Development Area**
Redwood Avenue, Ukiah
Jan 10, 2022 -- Scale: 1"=700'



EXHIBIT H

INSURANCE REQUIREMENTS

Hull and upon its creation the Homeowners Association ("Association") shall maintain insurance against claims for injuries to persons or damages to property, which may arise from or in connection with their pre-Close of Escrow investigations under Section 1 of this Agreement in accordance with Section 1.2.2.

A. Minimum Scope of Insurance

Coverage shall be at least as broad as:

1. Insurance Services Office ("ISO") Commercial General Liability Coverage Form No. CG 00 01 11 85.

B. Minimum Limits of Insurance

Association shall maintain limits no less than:

1. General Liability: \$1,000,000 combined single limit per occurrence for bodily injury, personal injury and property damage. If Commercial General Liability Insurance or other form with a general aggregate limit is used, the general aggregate limit shall apply separately to the work performed under this Agreement, or the aggregate limit shall be twice the prescribed per occurrence limit.

C. Other Insurance Provisions

The policy is to contain, or be endorsed to contain, the following provisions:

1. General Liability Coverage
 - a. The City, its officers, officials, employees and volunteers are to be covered as additional insureds as it relates to any of Hull's pre-Close of Escrow investigation actions on City-owned property as provided in Section 1.2.2 of this Agreement. The coverage shall contain no special limitations on the scope-of-protection afforded to the City, its officers, officials, employees or volunteers.
 - b. The insurance coverage shall be primary insurance with respect to the City and its officers, officials, employees and volunteers. Any insurance or self-insurance maintained by the City and its officers, officials, employees or volunteers shall be excess of the insurance required by this provision and shall not contribute with it.
 - c. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the City and its officers, officials, employees or volunteers.

- d. This insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

4. All Coverages

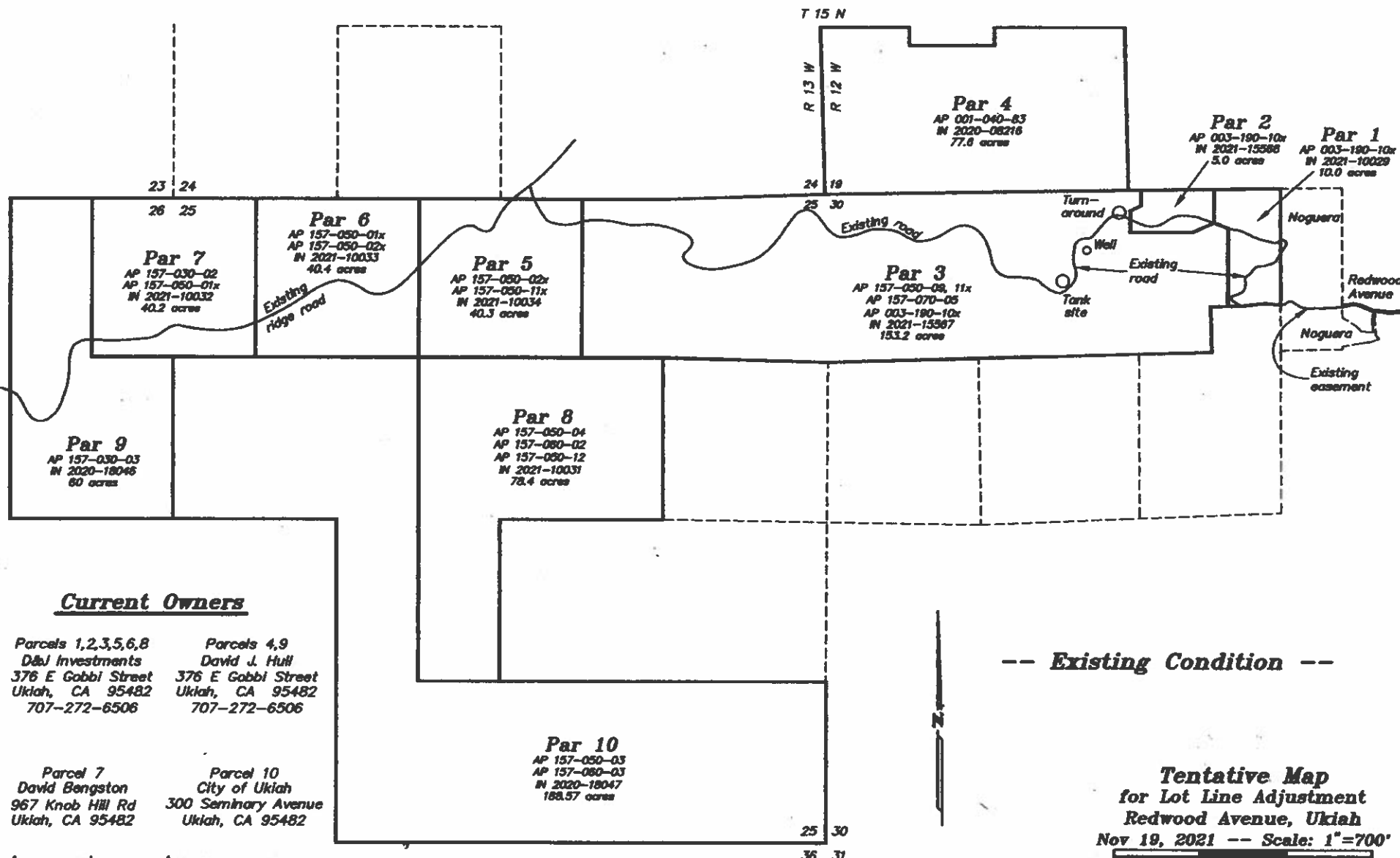
The Insurance policy required by this clause shall be endorsed to state that coverage shall not be suspended, voided, canceled, or reduced in coverage or in limits, except after thirty (30) days prior written notice by certified mail, return receipt requested, has been given to the City. Notwithstanding that, the insurance coverage provided by this provision may be cancelled without notice upon the Close of Escrow.

E. Acceptability of Insurers

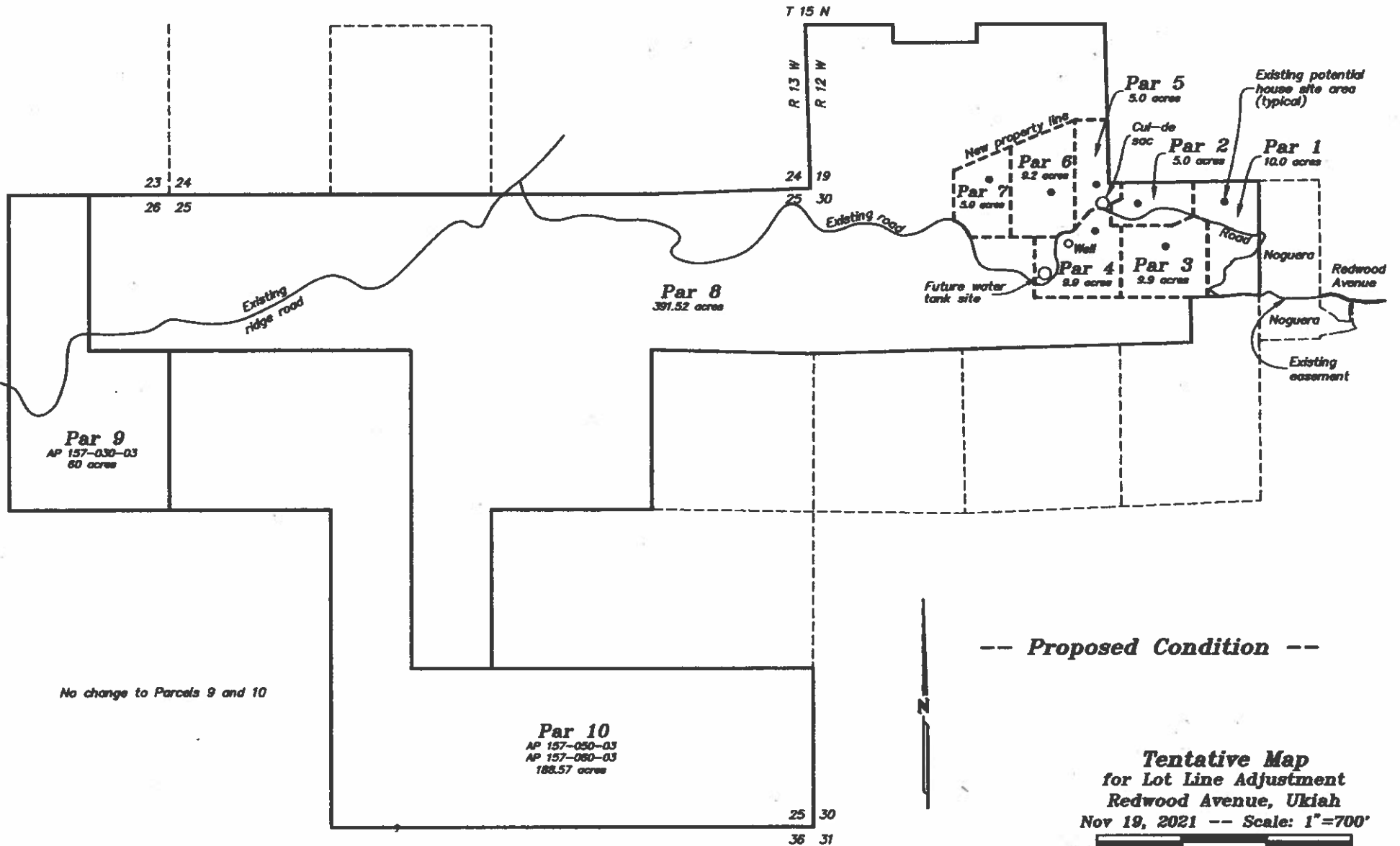
Insurance is to be placed with an admitted or non-admitted California insurer with an A.A.M. Best's rating.

F. Verification of Coverage

Hull shall furnish the City with a certificate(s) of Insurance and with Endorsements effecting coverage required by this Agreement. The Certificates and Endorsements for each insurance policy are to be issued or signed by a person authorized by that insurer to bind coverage on its behalf. All Certificates and Endorsements are subject to review by the City on request. The City reserves the right to require complete, certified copies of all insurance policies required by this Exhibit.

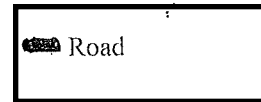


Tentative Map
 for Lot Line Adjustment
 Redwood Avenue, Ukiah
 Nov 19, 2021 -- Scale: 1"=700'



Easement, Road Access and Maintenance Agreement Exhibit 6

Exhibit "B"
(Noguera)

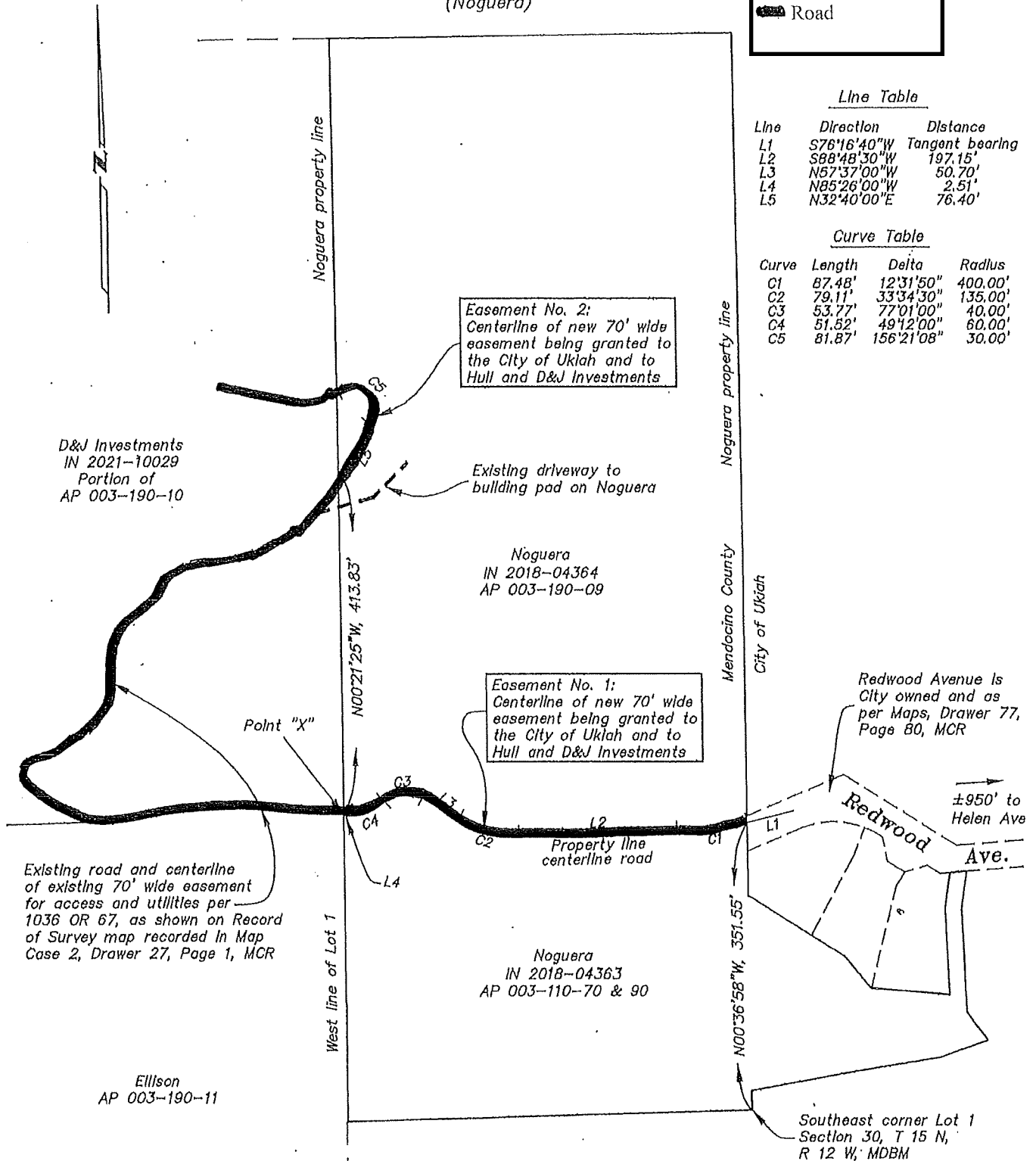


Line Table

Line	Direction	Distance
L1	S76°16'40"W	Tangent bearing
L2	S88°48'30"W	197.15'
L3	N57°37'00"W	50.70'
L4	N85°26'00"W	2.51'
L5	N32°40'00"E	76.40'

Curve Table

Curve	Length	Delta	Radius
C1	87.48'	12°31'50"	400.00'
C2	79.11'	33°34'30"	135.00'
C3	53.77'	77°01'00"	40.00'
C4	51.52'	49°12'00"	60.00'
C5	81.87'	156°21'08"	30.00'



D&J Investments
IN 2021-10029
Portion of
AP 003-190-10

Easement No. 2:
Centerline of new 70' wide
easement being granted to
the City of Ukiah and to
Hull and D&J Investments

Noguera
IN 2018-04364
AP 003-190-09

Easement No. 1:
Centerline of new 70' wide
easement being granted to
the City of Ukiah and to
Hull and D&J Investments

Redwood Avenue is
City owned and as
per Maps, Drawer 77,
Page 80, MCR

Existing road and centerline
of existing 70' wide easement
for access and utilities per
1036 OR 67, as shown on Record
of Survey map recorded in Map
Case 2, Drawer 27, Page 1, MCR

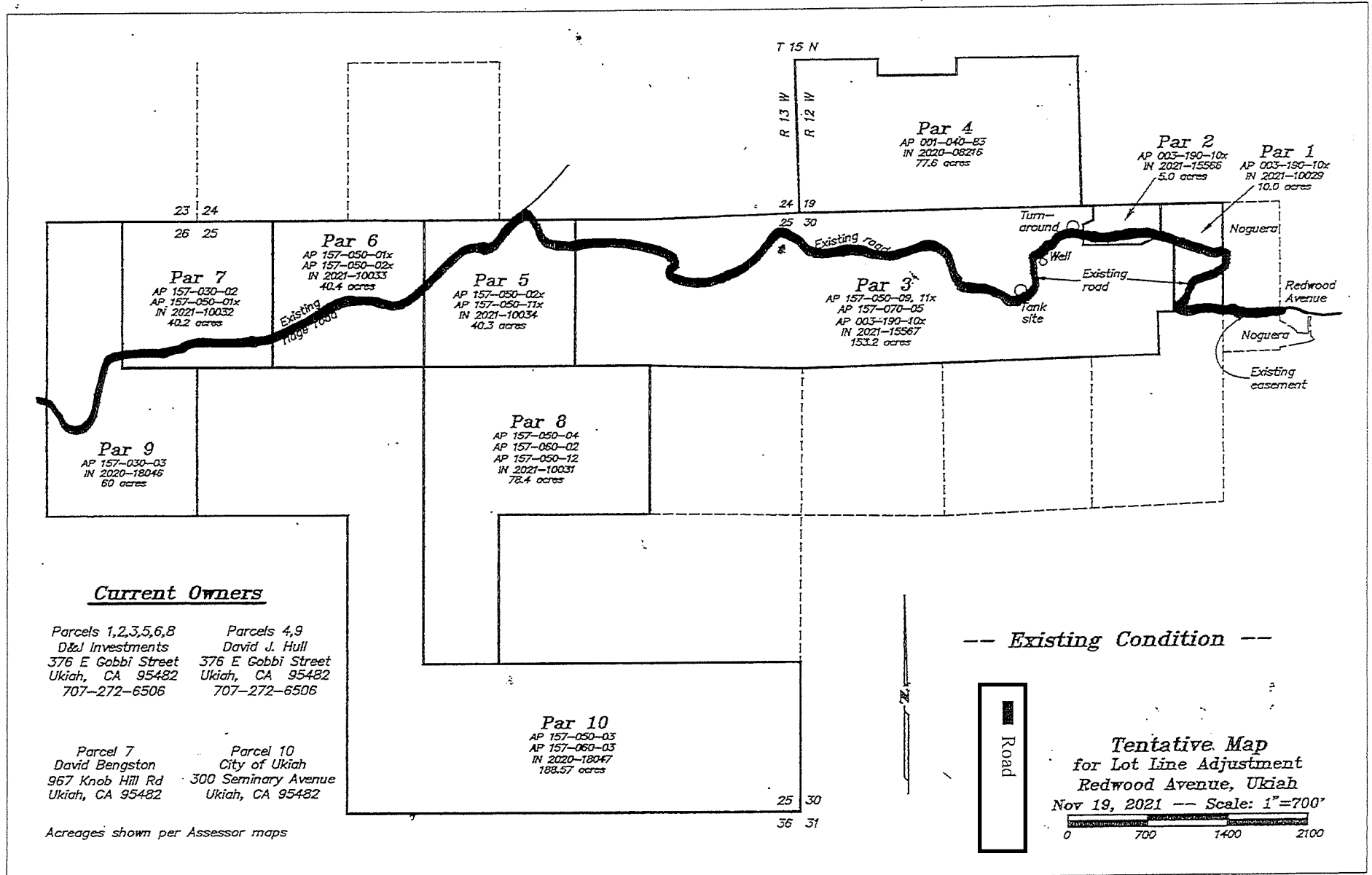
Ellison
AP 003-190-11

IN = Instrument Number,
Mendocino County Records

AP = Assessor Parcel

Plat Map
Redwood Avenue, Ukiah
Dec 21, 2021 -- Scale: 1"=160'





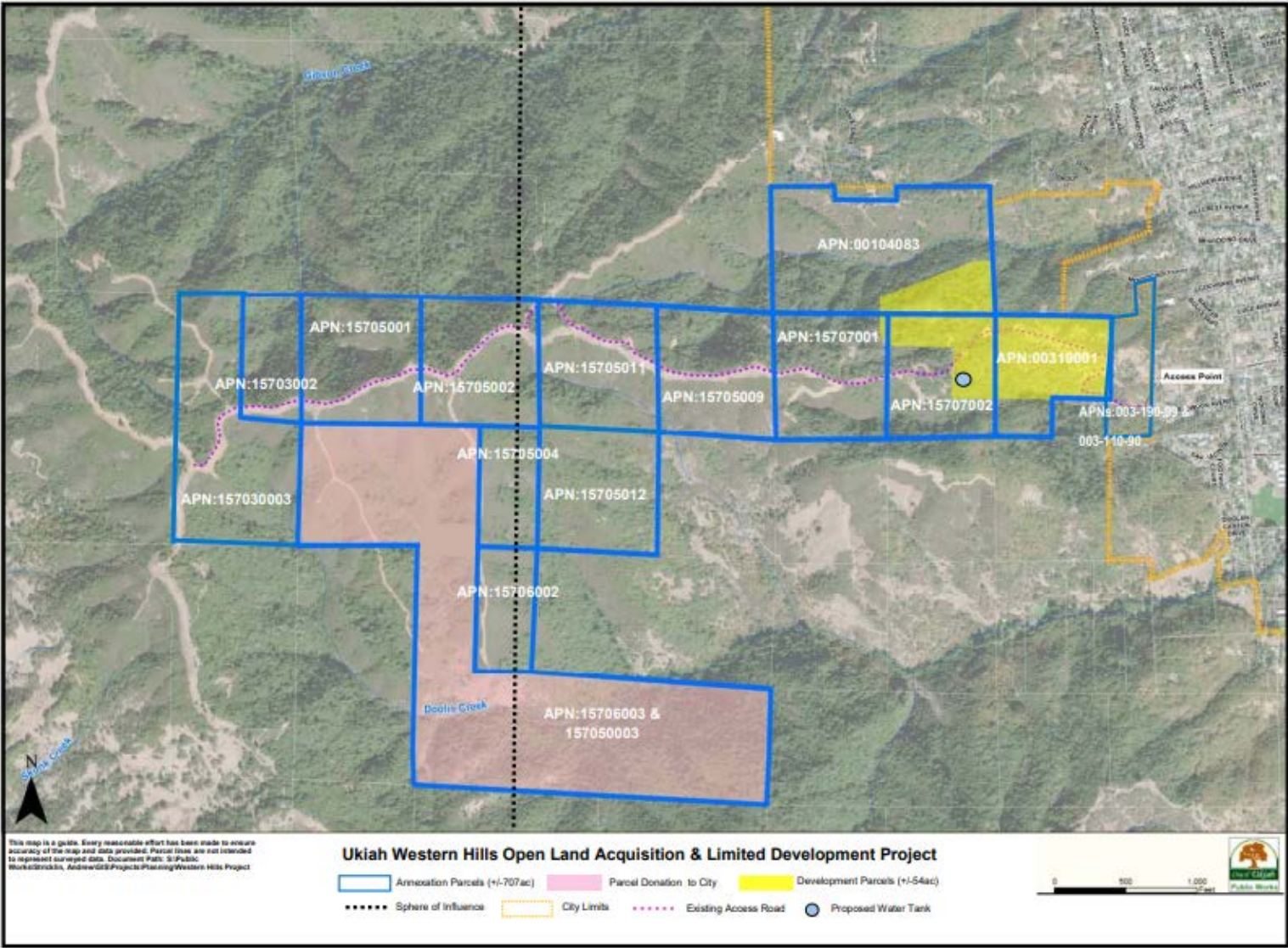


Ukiah Western Hills Open Land Acquisition & Limited Development Agreement and Easement, Road Access & Maintenance Agreement

City Council
March 2, 2022

Craig Schlatter, Community Development Director
Maya Simerson, Project Administrator
Michelle Irace, Planning Manager

PROJECT LOCATION



PROJECT SITE AND HISTORY



Existing "house site" on proposed Development Parcel



Existing access road



Open space



Existing water tank pad site



PROJECT COMPONENTS

- 1) Acquisition and annexation of the parcels;
- 2) Rezoning the parcels to “PF” Public Facilities, and “R1-H” Single-family Residential-Hillside Overlay;
- 3) Sequential Lot Line Adjustments to reconfigure the existing parcels into seven lots (“Development Parcels”) for future potential development;
- 4) Development Agreement between Hull Properties and the City allowing up to one single-family home and one accessory dwelling unit on each Development Parcel (up to 14 units total); including site improvements for extension of electric utility, road improvements, and construction of water storage tanks;
- 5) Easement, Road Access and Maintenance Agreement.



ROAD ACCESS AGREEMENT

A three-party agreement between the City, Adonis and Sarah Noguera (who own property at the end of Redwood Avenue), and David Hull and D&J Investments (“Hull”) for:

- **Use of the easement by Hull and the City for access and public utilities.**
- **Construction, maintenance and repair of the road and locked gate.**
- **Application for LAFCo approvals.**



LIMITED DEVELOPMENT AND PROPERTY AGREEMENT

A two-party agreement between the City and Hull that can be reviewed in two separate sections:

- **Section 1**

City will convey to Hull in exchange for the Hull Property two undeveloped City-owned parcels at the intersection of Gobbi Street and Orchard Avenue (APNs 003-582-38-00 and 003- 181-01-00) and a third property located adjacent to the project site and referred to as the "San Jacinta Property."

One of the two Gobbi St parcels is currently zoned PF and the City will go through the re-zoning process at City expense to convert it to Community Commercial (C1).

The San Jacinta Property is zoned Residential 1 (R1) and has two APNs associated with it but appears to have been merged into one legal parcel. The City will work towards perfecting a patent and/ or Certificate of Compliance to have the two parcels re-established. Hull has committed to developing the two parcels as if they were under the zoning code for Residential- Hillside District Overlay (R1-H).

LIMITED DEVELOPMENT AND PROPERTY AGREEMENT

Section 1 continued:

Hull will retain the right to sell the Hull Development Property. Hull will also have the right to use all nine parcels to be conveyed to the City plus the Donation Parcel to perform boundary line adjustments as allowed by law on parcels located within or outside the Open Space Property area or the Hull-City Property. If Hull fully exercises that right, the Open Space properties will become one legal parcel.

Hull can perform these adjustments himself or sell that right to others. Some of them will be used to create the seven parcels within the Hull Development Property.



LIMITED DEVELOPMENT AND PROPERTY AGREEMENT

- **Section 2**

Hull will install underground conduit for electrical lines to serve the Development Property and the City is required to install the electrical lines, transformers, and other equipment necessary to provide electric service to the Hull Development Property.

The City will own and maintain the electrical utility infrastructure.

Hull/Association will develop a community sewer system in which onsite septic tanks will connect to a sewer drain line that connects to the City sewer system.

The water and sewer system within the Development Property will be owned and maintained by the Association and the parcel owners.



LIMITED DEVELOPMENT AND PROPERTY AGREEMENT

Section 2 continued:

- **Additional elements**

There are certain elements built into the Limited Development and Property Exchange Agreement that will be put into effect if the application for annexation is terminated by Hull or denied by LAFCo. These actions are as follows:

- Hull will retain the right to develop the 54 acres of Development Parcels under County of Mendocino zoning laws.
- The City must convey the Development Property to Hull.
- Hull will retain the right to use all nine of the Open Space Parcels and the Donation Parcel for lot line adjustments and related use as described above.
- If an Out of Area Service Agreement is approved by LAFCo, the City will continue to furnish electrical service.

In addition, if the City Council were to fail to zone the Development Parcels as R1 parcels in the Hillside Combining District or rezone the parcels, to the extent that results in fewer than seven parcels available for single family residential development, the City would be liable for any loss of value or income incurred by Hull.

LIMITED DEVELOPMENT AND PROPERTY AGREEMENT



Financial component:

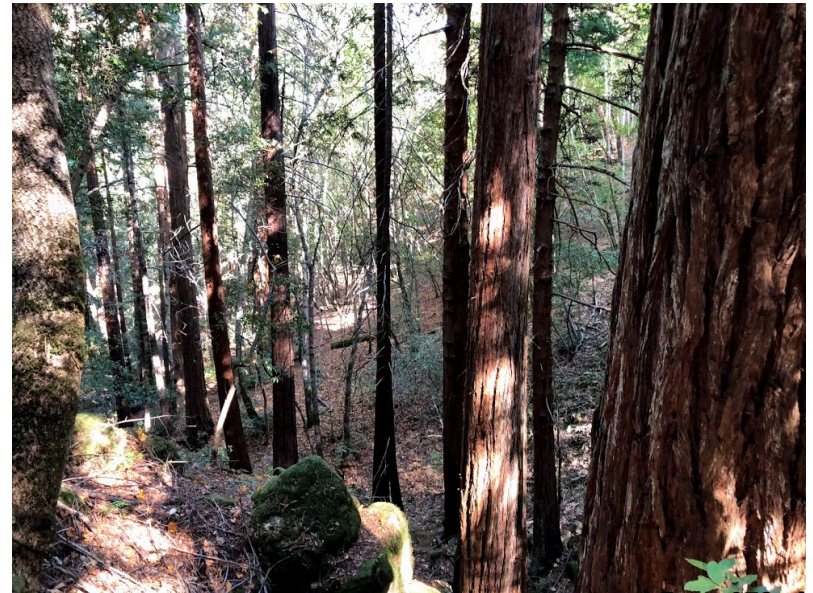
All of these properties have been appraised by a licensed appraiser. Based on those appraisals the value of the Hull Properties, not counting the Development Property, exceeds the value of the City property by \$1.2 M. Accordingly, the agreement requires the City to pay Hull that amount upon close of escrow.

Funding for the project will be sourced from the Electric Utility, the Water Resources Department, and the General Fund in amounts proportionate to their benefit from the property. The distribution will be \$350,000 from both the Electric and Water funds and \$500,000 from the General Fund.

STAFF RECOMMENDATIONS

Staff recommends that City Council take the following actions associated with the Ukiah Western Hills Open Land Acquisition & Limited Development Agreement Project to preserve 640 acres of open space and redirect/restrict potential residential development to approximately 54 acres in lower elevations:

- 1) Authorize the City Manager to Negotiate and Execute the Easement, Road Access and Maintenance Agreement (“Road Access Agreement”);
- 2) Authorize the City Manager to Negotiate and Execute the Property Purchase-Sale / Exchange and Development Agreement and Joint Escrow Instructions (“Limited Development and Property Exchange Agreement”); and
- 3) Approve Corresponding Budget Amendments.



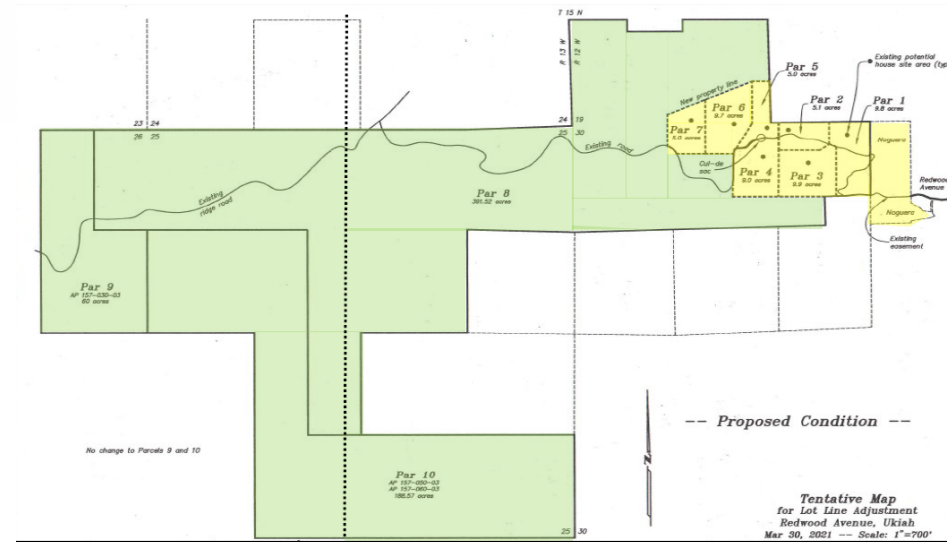
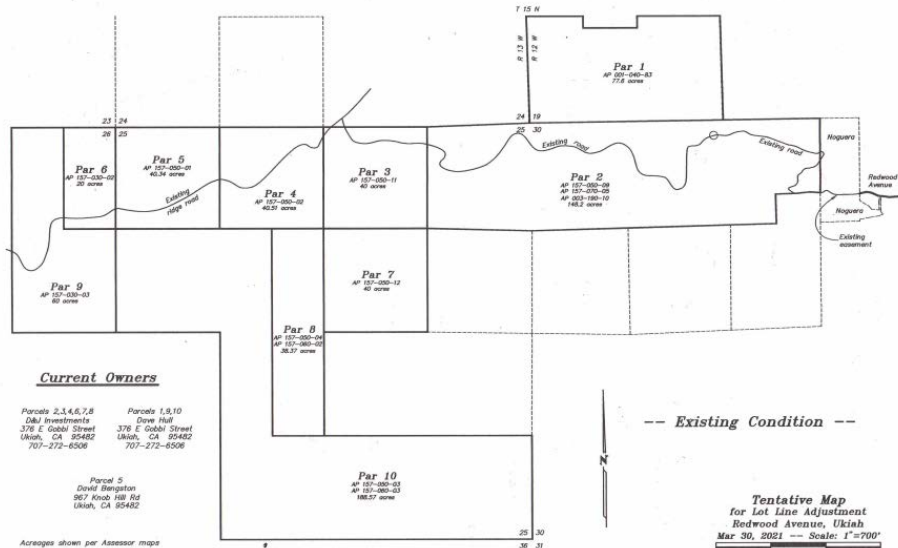
SAMPLE MOTION

I move to make a motion to 1) Authorize the City Manager to Negotiate and Execute the Easement, Road Access and Maintenance Agreement (“Road Access Agreement”); 2) Authorize the City Manager to Negotiate and Execute the Property Purchase-Sale / Exchange and Development Agreement and Joint Escrow Instructions (“Limited Development and Property Exchange Agreement”); and 3) Approval of Corresponding Budget Amendments.

The following Slides are included as reference materials should questions arise during Council discussion.



EXISTING AND PROPOSED PARCEL CONFIGURATION



Proposed Parcel Configuration & Prezoning for Western Hills (Hull Properties) Open Land Acquisition & Limited Development Agreement Project

-Sphere of Influence
- Conservation Parcels* (640ac) with Public Facilities (PF) Prezoning
- *Development Parcels (54ac) with Single-Family Residential-Hillside Overlay District (R1-H) Prezoning

Annexation Parcels, Proposed Lot Line Adjustments and Rezoning

Assessor's Parcel Number (APN)	Existing Size (+/- acres)	Proposed Size (+/- acres) through Lot Line Adjustments	Resulting Parcel Configuration, Intended Use and Proposed Rezoning
001-040-83	77.6	9.8	Parcel 1 will become a Development Parcel intended for single family housing and rezoned R1-H.
157-070 01, 157-070-02, 003-190-01 & 157-050-09	148.2	5.1	Parcel 2 on Existing Conditions Tentative Map, contains several APNs but is one legal parcel (149 acres total). This parcel will become a Development Parcel intended for single-family housing and rezoned R1-H.
157-050-11	40.0	9.9	Parcel 3 will become a Development Parcel intended for single-family housing and rezoned R1-H.
157-050-02	40.5	9.0	Parcel 4 will become a Development Parcel intended for single-family housing and rezoned R1-H.
157-050-01	40.3	5.0	Parcel 5 will become a Development Parcel intended for single-family housing and rezoned R1-H.
157-030-02	20.0	9.7	Parcel 6 will become a Development Parcel intended for single-family housing and rezoned R1-H.
157-050-12	40.0	5.0	Parcel 7 will become a Development Parcel intended for single-family housing and rezoned R1-H.
157-050-04 & 157-060-02	38.7	391.5	Parcel 8 will become a Conservation Parcel and be rezoned PF. The proposed water tanks will be placed on this parcel within the existing water tank pad site (on existing Parcel 2).
157-030-03	60.0	60.0	Parcel 9 will become a Conservation Parcel and will be rezoned PF.
157-030-03 & 157-060-03	188.5	188.5	Parcel 10 (City-owned "Donation Parcel") will become a Conservation Parcel and will be rezoned PF.
"Noguera Properties" 003-190-09 & 003-110-90	10.20 4.14	10.20 4.14	These parcels contain the existing access road that will be improved but remain under private ownership. It will be included in the annexation proposal and rezoned R1-H, consistent with surrounding zoning and land uses, but no development is proposed; this parcel is not included in the Lot Line Adjustment.
TOTAL	+/- 707 acres		



PUBLIC NOTICING

The Notice of Intent to adopt the ISMND and conduct a public hearing was provided in the following manner, in accordance with Ukiah City Code (UCC) §9267 and California Environmental Quality Act (CEQA) Guidelines Section 15073:

- Provided to property owners within 300 feet of the project parcels, as well as agencies and departments with jurisdiction or interest over the project on April 16, 2021, June 1, 2021 and August 13, 2021;
- Provided to members of the public, agencies, and interested parties who submitted written comments on the Draft ISMND during the public review period on August 13, 2021;
- Published in the Ukiah Daily Journal on April 24, 2021, June 5, 2021 and August 14, 2021;
- Posted on the Project site on May 3, 2021, June 1, 2021, and August 11;
- Posted at the Civic Center (glass case) 72 hours prior to the public hearing;
- Noticed for continuance at the May 26, 2021 Planning Commission hearing to a date certain of June 9, 2021; and
- Notice for continuance at the June 9, 2021 Planning Commission to a date uncertain.

In addition, based on the amount of interest in the Project additional public noticing was conducted in the following manner:

- Posted on the City of Ukiah website on April 16, 2021 and August 16, 2021;
- Emailed to Planning Commissioners and City Councilmembers on April 16, 2021 and August 13, 2021;
- Hand-delivered to all residences (in addition to and beyond the 300-foot requirement) on Redwood Avenue on May 13, 2021 and mailed to all residences on Redwood Avenue on August 11, 2021.



AGENDA SUMMARY REPORT

SUBJECT: Possible Introduction by Title Only of the Organic Waste Disposal Reduction Ordinance.

DEPARTMENT: City Attorney

PREPARED BY: Darcy Vaughn, Assistant City Attorney

PRESENTER: Tim Eriksen, Public Works Director/City Engineer
and Darcy Vaughn, Assistant City Attorney

ATTACHMENTS:

1. Organic Waste Disposal Reduction Ordinance

Summary: Council will consider introducing by title only the Organic Waste Disposal Reduction Ordinance.

Background: Senate Bill 1383, entitled Short-Lived Climate Pollutants: Organic Waste Reductions, was passed in 2016. This bill looks to reduce California's emissions of methane gas. Methane gas produced from organic waste breakdown in landfills is the third largest source of methane gas production in the state. SB 1383 requires a statewide reduction of the disposal of organic waste by 75% from 2014 levels by 2025, and requires an increase in edible food recovery by 20%, by 2025. SB 1383 requires all jurisdictions to implement a mandatory organic recycling ordinance and to provide all businesses, residents, and multi-family apartments with access to recycling programs that capture food scraps, landscaping waste, among other organic waste materials.

As a result of SB 1383, the California Department of Resources Recycling and Recovery ("CalRecycle"), which is the state department tasked with administering California's waste and recycling programs, developed prescriptive regulations to achieve the State's outlined organic waste disposal goals by 2025. Fortunately for the City, solid waste programs and policies already in place contribute to the community being well on the way toward compliance with SB 1383, especially with the introduction of mixed organic and food waste recycling collection in 2017. However, there are many other parts of SB 1383 that the City has been working to address, including the required updates to the Ukiah City Code.

On February 16, 2022, as part of their review of the Resolution of Notice of Intent to Comply with the Regulatory Requirements of SB 1383, the City Council also directed Staff to draft an ordinance amending the Ukiah City code to implement the requirements of SB 1383. The proposed Organic Waste Disposal Reduction Ordinance (included here as Attachment 1) utilizes language directly from a model ordinance drafted by CalRecycle to assist local agencies in complying with SB 1383.

Discussion: SB 1383 requires the City to adopt an enforceable ordinance to compel city residents and business owners to recycle their organic waste, in addition to other regulatory requirements set forth below. The City is responsible for the funding, providing administrative services, and implementation of those goals. The City could face fines of \$10,000.00 per day for failing to comply with SB 1383 and must have corrective actions in place to ensure compliance during the calendar year of 2022 to avoid these fines. Adoption of the Ordinance is the first step towards compliance.

Compliance requirements will include providing mandatory mixed organic waste collection services for all residents and businesses, establishing an edible food recovery program, monitoring and reporting compliance efforts to CalRecycle, providing education and outreach procurement, and enforcement of the Ordinance.

From January 1, 2022 to December 31, 2023, the City will be allowed to take non-punitive, education-based enforcement actions against non-compliant entities. Starting January 1, 2024, the City must take punitive enforcement actions against non-complying entities.

SB 1383 REQUIREMENTS IN DETAIL

As a result of SB 1383 and the regulations established by CalRecycle, the City will have to implement the following practices to be considered compliant:

- Provide organic waste recycling services for all City businesses and residences, including multi-family residences;
- Inspect and enforce compliance with SB 1383 by adopting an Organic Waste Disposal Reduction Ordinance (“Ordinance”);
- Implement an edible food recovery program that recovers edible food from the waste stream;
- Conduct outreach and education to all affected parties, including generators, haulers, facilities, and edible food recovery organizations;
- Procure recycled organic waste products like compost, mulch, and renewable natural gas; and,
- Maintain accurate and timely records of SB 1383 compliance for annual reporting requirements.

SB 1383 allows cities to take an educational and non-punitive approach to enforcement of the Ordinance for the first two years of the ordinance being in effect (2022 and 2023). Taking an educational approach will allow the City and Ukiah Waste Solutions to work with Ukiah residents and businesses to inform them of the requirements.

Because the City has been very proactive in this arena, the City of Ukiah already has an organic waste recycling program in place, adopting the Ordinance will result in little to no changes for most businesses and residents.

Non-Compliance with Requirements

While the City is responsible for gaining compliance from residents and businesses, SB 1383 regulations provide CalRecycle with the ability to engage in enforcement actions of its own against the City if the designated level of compliance is not met. These actions may include:

- Conducting more frequent inspections;
- Taking over direct enforcement on non-compliant businesses within the city;
- Establishing a schedule for City compliance and a probationary period, requiring a work plan and that the jurisdiction demonstrates it has sufficient staffing to implement the requirements of the law; and/or
- Seeking administrative penalties against the City of up to \$10,000 per day.

While SB 1383 is another unfunded state mandate from Sacramento, the City is in a strong position to meet the requirements set forth. With the adoption of the Ordinance, the City will be one step closer to becoming SB 1383 compliant.

CALIFORNIA ENVIRONMENTAL QUALITY ACT

City Staff has evaluated the proposed Ordinance to determine whether it will have a significant effect on the environment. Staff has determined that the proposed Ordinance is exempt from the California Environmental Quality Act (CEQA) pursuant to State CEQA Guidelines §§ 15061(b)(3) and 15308 on the grounds that it can be seen with certainty that the enhanced solid waste regulations, as provided for in the Ordinance will not have a significant effect on the environment and that the new requirements, which strengthen requirements for the handling of solid waste, represent actions by a regulatory agency (the City) for the protection of the environment.

Recommended Action: Introduce by Title Only the Organic Waste Disposal Reduction Ordinance.

BUDGET AMENDMENT REQUIRED: N/A

CURRENT BUDGET AMOUNT: N/A

PROPOSED BUDGET AMOUNT: N/A

FINANCING SOURCE: N/A

PREVIOUS CONTRACT/PURCHASE ORDER NO.: N/A

COORDINATED WITH: Tim Eriksen, Director of Public Works

Approved: 
Sage Sangiacomo, City Manager

ORDINANCE NO.**ORDINANCE OF THE CITY COUNCIL OF THE CITY OF UKIAH ADDING CHAPTER 4.1 TO DIVISION 5 OF THE UKIAH CITY CODE TO REGULATE AND ENFORCE REDUCTION OF ORGANIC WASTE DISPOSAL**

The City Council of the City of Ukiah hereby ordains as follows:

SECTION ONE. FINDINGS

1. State recycling law, Assembly Bill 939 of 1989, the California Integrated Waste Management Act of 1989 (California Public Resources Code Section 40000, et seq., as amended, supplemented, superseded, and replaced from time to time), requires cities and counties to reduce, reuse, and recycle (including composting) Solid Waste generated in their jurisdictions to the maximum extent feasible before any incineration or landfill disposal of waste, to conserve water, energy, and other natural resources, and to protect the environment..
2. State recycling law, Assembly Bill 341 of 2011 (approved by the Governor of the State of California on October 5, 2011, which amended Sections 41730, 41731, 41734, 41735, 41736, 41800, 42926, 44004, and 50001 of, and added Sections 40004, 41734.5, and 41780.01 and Chapter 12.8 (commencing with Section 42649) to Part 3 of Division 30 of, and added and repealed Section 41780.02 of, the Public Resources Code, as amended, supplemented, superseded and replaced from time to time), places requirements on businesses and Multi-Family property owners that generate a specified threshold amount of Solid Waste to arrange for recycling services and requires the City to implement a Mandatory Commercial Recycling program..
3. State organics recycling law, Assembly Bill 1826 of 2014 (approved by the Governor of the State of California on September 28, 2014, which added Chapter 12.9 (commencing with Section 42649.8) to Part 3 of Division 30 of the Public Resources Code, relating to Solid Waste, as amended, supplemented, superseded, and replaced from time to time), requires businesses and Multi-Family property owners that generate a specified threshold amount of Solid Waste, Recycling, and Organic Waste per week to arrange for recycling services for that waste, requires local agencies to implement a recycling program to divert Organic Waste from businesses subject to the law, and requires local agencies to implement a Mandatory Commercial Organics Recycling program..
4. SB 1383, the Short-lived Climate Pollutant Reduction Act of 2016, requires CalRecycle to develop regulations to reduce organics in landfills as a source of methane. The regulations place requirements on multiple entities including local agencies, residential households, Commercial Businesses and business owners, Commercial Edible Food Generators, haulers, Self-Haulers, Food Recovery Organizations, and Food Recovery Services to support achievement of Statewide Organic Waste disposal reduction targets..
5. SB 1383, the Short-lived Climate Pollutant Reduction Act of 2016, requires local agencies to adopt and enforce an ordinance or enforceable mechanism to implement relevant provisions of SB 1383 Regulations. This Ordinance will also help reduce food insecurity by requiring

Commercial Edible Food Generators to arrange to have the maximum amount of their Edible Food, that would otherwise be disposed, be recovered for human consumption..

SECTION TWO.

Chapter 4.1 is hereby added to Division 5 of the Ukiah City Code and shall read as follows:

Chapter 4.1 ORGANIC WASTE DISPOSAL REDUCTION

Article 1 Definitions

§4450.0 Definitions

For the purposes of this Chapter and as used herein, certain abbreviations, terms, phrases, words and their derivations shall be construed and shall have the meaning and be defined as hereinafter provided in this Article.

- (a) “Blue Container” has the same meaning as in 14 CCR Section 18982.2(a)(5) and shall be used for the purpose of storage and collection of Source Separated Recyclable Materials or Source Separated Blue Container Organic Waste.
- (b) “CalRecycle” means California's Department of Resources Recycling and Recovery, which is the Department designated with responsibility for developing, implementing, and enforcing SB 1383 Regulations on local agencies (and others).
- (c) “California Code of Regulations” or “CCR” means the State of California Code of Regulations. CCR references in this Chapter are preceded with a number that refers to the relevant Title of the CCR (e.g., “14 CCR” refers to Title 14 of CCR).
- (d) “Commercial Business” or “Commercial” means a firm, partnership, proprietorship, joint-stock company, corporation, or association, whether for-profit or nonprofit, strip mall, industrial facility, or a multifamily residential dwelling, or as otherwise defined in 14 CCR Section 18982(a)(6). A Multi-Family Residential Dwelling that consists of fewer than five (5) units is not a Commercial Business for purposes of implementing this Chapter.
- (e) “Commercial Edible Food Generator” includes a Tier One or a Tier Two Commercial Edible Food Generator as defined in Subsections 4450.0(III) and 4450.0(mmm) of this Chapter or as otherwise defined in 14 CCR Section 18982(a)(73) and (a)(74). For the purposes of this definition, Food Recovery Organizations and Food Recovery Services are not Commercial Edible Food Generators pursuant to 14 CCR Section 18982(a)(7).
- (f) “Compliance Review” means a review of records by the City to determine compliance with this Chapter.
- (g) “Community Composting” means any activity that composts green material, agricultural material, food material, and vegetative food material, alone or in combination, and the total amount of feedstock and Compost on-site at any one time does not exceed 100 cubic yards and 750 square feet, as specified in 14 CCR Section 17855(a)(4); or, as otherwise defined by 14 CCR Section 18982(a)(8).

- (h) "Compost" has the same meaning as in 14 CCR Section 17896.2(a)(4), which stated, as of the effective date of this Chapter, that "Compost" means the product resulting from the controlled biological decomposition of organic Solid Wastes that are Source Separated from the municipal Solid Waste stream, or which are separated at a centralized facility.
- (i) "Compostable Plastics" or "Compostable Plastic" means plastic materials that meet the ASTM D6400 standard for compostability, or as otherwise described in 14 CCR Section 18984.1(a)(1)(A) or 18984.2(a)(1)(C).
- (j) "Container Contamination" or "Contaminated Container" means a container, regardless of color, that contains Prohibited Container Contaminants, or as otherwise defined in 14 CCR Section 18982(a)(55).
- (k) "C&D" means construction and demolition debris.
- (m) "Designee" means an entity that the City contracts with or otherwise arranges to carry out any of the City's responsibilities of this Chapter as authorized in 14 CCR Section 18981.2. A Designee may be a government entity, a hauler, a private entity, or a combination of those entities.
- (n) "Edible Food" means food intended for human consumption, or as otherwise defined in 14 CCR Section 18982(a)(18). For the purposes of this Chapter or as otherwise defined in 14 CCR Section 18982(a)(18), "Edible Food" is not Solid Waste if it is recovered and not discarded. Nothing in this Chapter or in 14 CCR, Division 7, Chapter 12 requires or authorizes the Recovery of Edible Food that does not meet the food safety requirements of the California Retail Food Code.
- (o) "Enforcement Action" means an action of the City to address non-compliance with this Chapter including, but not limited to, issuing administrative citations, fines, penalties, or using other remedies.
- (p) "Excluded Waste" means hazardous substance, hazardous waste, infectious waste, designated waste, volatile, corrosive, medical waste, infectious, regulated radioactive waste, and toxic substances or material that facility operator(s), which receive materials from the City and its generators, reasonably believe(s) would, as a result of or upon acceptance, transfer, processing, or disposal, be a violation of local, State, or Federal law, regulation, or Chapter, including: land use restrictions or conditions, waste that cannot be disposed of in Class III landfills or accepted at the facility by permit conditions, waste that in the City's, or its Designee's reasonable opinion would present a significant risk to human health or the environment, cause a nuisance or otherwise create or expose the City, or its Designee, to potential liability; but not including de minimis volumes or concentrations of waste of a type and amount normally found in Single-Family or Multi-Family Solid Waste after implementation of programs for the safe collection, processing, recycling, treatment, and disposal of batteries and paint in compliance with Sections 41500 and 41802 of the California Public Resources Code.
- (q) "Food Distributor" means a company that distributes food to entities including, but not limited to, Supermarkets and Grocery Stores, or as otherwise defined in 14 CCR Section 18982(a)(22).
- (r) "Food Facility" has the same meaning as in Section 113789 of the Health and Safety Code.
- (s) "Food Recovery" means actions to collect and distribute food for human consumption that otherwise would be disposed, or as otherwise defined in 14 CCR Section 18982(a)(24).

(t) “Food Recovery Organization” means an entity that engages in the collection or receipt of Edible Food from Commercial Edible Food Generators and distributes that Edible Food to the public for Food Recovery either directly or through other entities or as otherwise defined in 14 CCR Section 18982(a)(25), including, but not limited to:

- (1) A food bank as defined in Section 113783 of the Health and Safety Code;
- (2) A nonprofit charitable organization as defined in Section 113841 of the Health and Safety code; and,
- (3) A nonprofit charitable temporary food facility as defined in Section 113842 of the Health and Safety Code.

A Food Recovery Organization is not a Commercial Edible Food Generator for the purposes of this Chapter and implementation of 14 CCR, Division 7, Chapter 12 pursuant to 14 CCR Section 18982(a)(7).

(u) “Food Recovery Service” means a person or entity that collects and transports Edible Food from a Commercial Edible Food Generator to a Food Recovery Organization or other entities for Food Recovery, or as otherwise defined in 14 CCR Section 18982(a)(26). A Food Recovery Service is not a Commercial Edible Food Generator for the purposes of this Chapter and implementation of 14 CCR, Division 7, Chapter 12 pursuant to 14 CCR Section 18982(a)(7).

(v) “Food Scraps” means all food such as, but not limited to, fruits, vegetables, meat, poultry, seafood, shellfish, bones, rice, beans, pasta, bread, cheese, and eggshells. Food Scraps excludes fats, oils, and grease when such materials are Source Separated from other Food Scraps.

(w) “Food Service Provider” means an entity primarily engaged in providing food services to institutional, governmental, Commercial, or industrial locations of others based on contractual arrangements with these types of organizations, or as otherwise defined in 14 CCR Section 18982(a)(27).

(x) “Food-Soiled Paper” is compostable paper material that has come in contact with food or liquid, such as, but not limited to, compostable paper plates, paper coffee cups, napkins, pizza boxes, and milk cartons.

(y) “Food Waste” means Food Scraps and Food-Soiled Paper..

(z) “Gray Container” has the same meaning as in 14 CCR Section 18982.2(a)(28) and shall be used for the purpose of storage and collection of Gray Container Waste.

(aa) “Gray Container Waste” means Solid Waste that is collected in a Gray Container that is part of a three-container Organic Waste collection service that prohibits the placement of Organic Waste in the Gray Container as specified in 14 CCR Sections 18984.1(a) and (b), or as otherwise defined in 14 CCR Section 17402(a)(6.5).

(bb) “Green Container” has the same meaning as in 14 CCR Section 18982.2(a)(29) and shall be used for the purpose of storage and collection of Source Separated Green Container Organic Waste.

- (cc) “Grocery Store” means a store primarily engaged in the retail sale of canned food; dry goods; fresh fruits and vegetables; fresh meats, fish, and poultry; and any area that is not separately owned within the store where the food is prepared and served, including a bakery, deli, and meat and seafood departments, or as otherwise defined in 14 CCR Section 18982(a)(30).
- (dd) “Hauler Route” means the designated itinerary or sequence of stops for each segment of the City’s collection service area, or as otherwise defined in 14 CCR Section 18982(a)(31.5).
- (ee) “Inspection” means a site visit where the City reviews records, containers, and an entity’s collection, handling, recycling, or landfill disposal of Organic Waste or Edible Food handling to determine if the entity is complying with requirements set forth in this Chapter, or as otherwise defined in 14 CCR Section 18982(a)(35).
- (ff) “City Enforcement Official” means the city manager, county administrative official, chief operating officer, executive director, or other executive in charge or their authorized Designee(s) who is/are partially or whole responsible for enforcing this Chapter. See also “Regional or County Agency Enforcement Official”.
- (gg) “Large Event” means an event, including, but not limited to, a sporting event or a flea market, that charges an admission price, or is operated by a local agency, and serves an average of more than 2,000 individuals per day of operation of the event, at a location that includes, but is not limited to, a public, nonprofit, or privately owned park, parking lot, golf course, street system, or other open space when being used for an event. If the definition in 14 CCR Section 18982(a)(38) differs from this definition, the definition in 14 CCR Section 18982(a)(38) shall apply to this Chapter.
- (hh) “Large Venue” means a permanent venue facility that annually seats or serves an average of more than 2,000 individuals within the grounds of the facility per day of operation of the venue facility. For purposes of this Chapter and implementation of 14 CCR, Division 7, Chapter 12, a venue facility includes, but is not limited to, a public, nonprofit, or privately owned or operated stadium, amphitheater, arena, hall, amusement park, conference or civic center, zoo, aquarium, airport, racetrack, horse track, performing arts center, fairground, museum, theater, or other public attraction facility. For purposes of this Chapter and implementation of 14 CCR, Division 7, Chapter 12, a site under common ownership or control that includes more than one Large Venue that is contiguous with other Large Venues in the site, is a single Large Venue. If the definition in 14 CCR Section 18982(a)(39) differs from this definition, the definition in 14 CCR Section 18982(a)(39) shall apply to this Chapter.
- (ii) “Local Education Agency” means a school district, charter school, or county office of education that is not subject to the control of city or county regulations related to Solid Waste, or as otherwise defined in 14 CCR Section 18982(a)(40).
- (jj) “Multi-Family Residential Dwelling” or “Multi-Family” means of, from, or pertaining to residential premises with five (5) or more dwelling units. Multi-Family premises do not include hotels, motels, or other transient occupancy facilities, which are considered Commercial Businesses.
- (kk) “Non-Compostable Paper” includes but is not limited to paper that is coated in a plastic material that will not breakdown in the composting process, or as otherwise defined in 14 CCR Section 18982(a)(41).
- (ll) “Non-Local Entity” means the following entities that are not subject to the Jurisdiction’s

enforcement authority, or as otherwise defined in 14 CCR Section 18982(a)(42):

- (1) Special district(s) located within the boundaries of the Jurisdiction.
- (2) County fairgrounds located within the boundaries of the City
- (3) State agencies located within the boundaries of the Jurisdiction.

(mm) “Non-Organic Recyclables” means non-putrescible and non-hazardous recyclable wastes including but not limited to bottles, cans, metals, plastics and glass, or as otherwise defined in 14 CCR Section 18982(a)(43).

(nn) “Notice of Violation (NOV)” means a notice that a violation has occurred that includes a compliance date to avoid an action to seek penalties, or as otherwise defined in 14 CCR Section 18982(a)(45) or further explained in 14 CCR Section 18995.4.

(oo) “Organic Waste” means Solid Wastes containing material originated from living organisms and their metabolic waste products, including but not limited to food, green material, landscape and pruning waste, organic textiles and carpets, lumber, wood, Paper Products, Printing and Writing Paper, manure, biosolids, digestate, and sludges or as otherwise defined in 14 CCR Section 18982(a)(46). Biosolids and digestate are as defined by 14 CCR Section 18982(a).

(pp) “Organic Waste Generator” means a person or entity that is responsible for the initial creation of Organic Waste, or as otherwise defined in 14 CCR Section 18982(a)(48).

(qq) “Paper Products” include, but are not limited to, paper janitorial supplies, cartons, wrapping, packaging, file folders, hanging files, corrugated boxes, tissue, and toweling, or as otherwise defined in 14 CCR Section 18982(a)(51).

(rr) “Printing and Writing Papers” include, but are not limited to, copy, xerographic, watermark, cotton fiber, offset, forms, computer printout paper, white wove envelopes, manila envelopes, book paper, note pads, writing tablets, newsprint, and other uncoated writing papers, posters, index cards, calendars, brochures, reports, magazines, and publications, or as otherwise defined in 14 CCR Section 18982(a)(54).

(ss) “Prohibited Container Contaminants” means the following: (i) discarded materials placed in the Blue Container that are not identified as acceptable Source Separated Recyclable Materials for the Jurisdiction’s Blue Container; (ii) discarded materials placed in the Green Container that are not identified as acceptable Source Separated Green Container Organic Waste for the Jurisdiction’s Green Container; (iii) discarded materials placed in the Gray Container that are acceptable Source Separated Recyclable Materials and/or Source Separated Green Container Organic Wastes to be placed in Jurisdiction’s Green Container and/or Blue Container; and, (iv) Excluded Waste placed in any container.

(tt) “Recovered Organic Waste Products” means products made from California, landfill-diverted recovered Organic Waste processed in a permitted or otherwise authorized facility, or as otherwise defined in 14 CCR Section 18982(a)(60).

(uu) “Recovery” means any activity or process described in 14 CCR Section 18983.1(b), or as otherwise defined in 14 CCR Section 18982(a)(49).

(vv) “Recycled-Content Paper” means Paper Products and Printing and Writing Paper that consists of at least 30 percent, by fiber weight, postconsumer fiber, or as otherwise defined in 14 CCR Section 18982(a)(61).

(ww) “Regional Agency” means regional agency as defined in Public Resources Code Section 40181.

(xx) “Regional Agency or County Enforcement Official” means a regional or county agency enforcement official, designated by the City with responsibility for enforcing this Chapter in conjunction or consultation with the City Enforcement Official. The City may opt not to designate a Regional Agency or County Enforcement Official.

(yy) “Renewable Gas” means gas derived from Organic Waste that has been diverted from a California landfill and processed at an in-vessel digestion facility that is permitted or otherwise authorized by 14 CCR to recycle Organic Waste, or as otherwise defined in 14 CCR Section 18982(a)(62).

(zz) “Restaurant” means an establishment primarily engaged in the retail sale of food and drinks for on-premises or immediate consumption, or as otherwise defined in 14 CCR Section 18982(a)(64).

(aaa) “Route Review” means a visual Inspection of containers along a Hauler Route for the purpose of determining Container Contamination, and may include mechanical Inspection methods such as the use of cameras, or as otherwise defined in 14 CCR Section 18982(a)(65).

(bbb) “SB 1383” means Senate Bill 1383 of 2016 approved by the Governor on September 19, 2016, which added Sections 39730.5, 39730.6, 39730.7, and 39730.8 to the Health and Safety Code, and added Chapter 13.1 (commencing with Section 42652) to Part 3 of Division 30 of the Public Resources Code, establishing methane emissions reduction targets in a Statewide effort to reduce emissions of short-lived climate pollutants as amended, supplemented, superseded, and replaced from time to time.

(ccc) “SB 1383 Regulations” or “SB 1383 Regulatory” means or refers to, for the purposes of this Chapter, the Short-Lived Climate Pollutants: Organic Waste Reduction regulations developed by CalRecycle and adopted in 2020 that created 14 CCR, Division 7, Chapter 12 and amended portions of regulations of 14 CCR and 27 CCR.

(ddd) “Single-Family” means of, from, or pertaining to any residential premises with fewer than five (5) units.

(eee) “Solid Waste” has the same meaning as defined in State Public Resources Code Section 40191, which defines Solid Waste as all putrescible and nonputrescible solid, semisolid, and liquid wastes, including garbage, trash, refuse, paper, rubbish, ashes, industrial wastes, demolition and construction wastes, abandoned vehicles and parts thereof, discarded home and industrial appliances, dewatered, treated, or chemically fixed sewage sludge which is not hazardous waste, manure, vegetable or animal solid and semi-solid wastes, and other discarded solid and semisolid wastes, with the exception that Solid Waste does not include any of the following wastes:

- (1) Hazardous waste, as defined in the State Public Resources Code Section 40141.
- (2) Radioactive waste regulated pursuant to the State Radiation Control Law (Chapter 8

(commencing with Section 114960) of Part 9 of Division 104 of the State Health and Safety Code).

(3) Medical waste regulated pursuant to the State Medical Waste Management Act (Part 14 (commencing with Section 117600) of Division 104 of the State Health and Safety Code). Untreated medical waste shall not be disposed of in a Solid Waste landfill, as defined in State Public Resources Code Section 40195.1. Medical waste that has been treated and deemed to be Solid Waste shall be regulated pursuant to Division 30 of the State Public Resources Code.

(fff) “Source Separated” means materials, including commingled recyclable materials, that have been separated or kept separate from the Solid Waste stream, at the point of generation, for the purpose of additional sorting or processing those materials for recycling or reuse in order to return them to the economic mainstream in the form of raw material for new, reused, or reconstituted products, which meet the quality standards necessary to be used in the marketplace, or as otherwise defined in 14 CCR Section 17402.5(b)(4). For the purposes of this Chapter, Source Separated shall include separation of materials by the generator, property owner, property owner’s employee, property manager, or property manager’s employee into different containers for the purpose of collection such that Source Separated materials are separated from Gray Container Waste or other Solid Waste for the purposes of collection and processing.

(ggg) “Source Separated Blue Container Organic Waste” means Source Separated Organic Wastes that can be placed in a Blue Container that is limited to the collection of those Organic Wastes and Non-Organic Recyclables as defined in Section 18982(a)(43), or as otherwise defined by Section 17402(a)(18.7).

(hhh) “Source Separated Green Container Organic Waste” means Source Separated Organic Waste that can be placed in a Green Container that is specifically intended for the separate collection of Organic Waste by the generator, excluding Source Separated Blue Container Organic Waste, carpets, Non-Compostable Paper, and textiles.

(iii) “Source Separated Recyclable Materials” means Source Separated Non-Organic Recyclables and Source Separated Blue Container Organic Waste.

(jjj) “State” means the State of California.

(kkk) “Supermarket” means a full-line, self-service retail store with gross annual sales of two million dollars (\$2,000,000), or more, and which sells a line of dry grocery, canned goods, or nonfood items and some perishable items, or as otherwise defined in 14 CCR Section 18982(a)(71).

(III) “Tier One Commercial Edible Food Generator” means a Commercial Edible Food Generator that is one of the following:

- (1) Supermarket.
- (2) Grocery Store with a total facility size equal to or greater than 10,000 square feet.
- (3) Food Service Provider.
- (4) Food Distributor.
- (5) Wholesale Food Vendor.

If the definition in 14 CCR Section 18982(a)(73) of Tier One Commercial Edible Food Generator differs from this definition, the definition in 14 CCR Section 18982(a)(73) shall apply to this Chapter.

(mmm) “Tier Two Commercial Edible Food Generator” means a Commercial Edible Food Generator that is one of the following:

- (1) Restaurant with 250 or more seats, or a total facility size equal to or greater than 5,000 square feet.
- (2) Hotel with an on-site Food Facility and 200 or more rooms.
- (3) Health facility with an on-site Food Facility and 100 or more beds.
- (4) Large Venue.
- (5) Large Event.
- (6) A State agency with a cafeteria with 250 or more seats or total cafeteria facility size equal to or greater than 5,000 square feet.
- (7) A Local Education Agency facility with an on-site Food Facility.

If the definition in 14 CCR Section 18982(a)(74) of Tier Two Commercial Edible Food Generator differs from this definition, the definition in 14 CCR Section 18982(a)(74) shall apply to this Chapter.

(nnn) “Uncontainerized Green Waste and Yard Waste Collection Service” or “Uncontainerized Service” means a collection service that collects green waste and yard waste that is placed in a pile or bagged for collection on the street in front of a generator’s house or place of business for collection and transport to a facility that recovers Source Separated Organic Waste, or as otherwise defined in 14 CCR Section 189852(a)(75).

(ooo) “Wholesale Food Vendor” means a business or establishment engaged in the merchant wholesale distribution of food, where food (including fruits and vegetables) is received, shipped, stored, prepared for distribution to a retailer, warehouse, distributor, or other destination, or as otherwise defined in 14 CCR Section 189852(a)(76).

Article 2 Requirements for Compliance

§4450.1 Requirements for Single-Family Organic Waste Generators

Single-Family Organic Waste Generators shall comply with the following requirements:

(a) Shall subscribe to the City’s Organic Waste collection services for all Organic Waste generated as described below in Section 4(b). The City shall have the right to review the number and size of a generator’s containers to evaluate adequacy of capacity provided for each type of collection service for proper separation of materials and containment of materials; and, Single-Family generators shall adjust its service level for its collection services as requested by the City. Generators may additionally manage their Organic Waste by preventing or reducing their Organic Waste, managing Organic Waste on site, and/or using a Community Composting site pursuant to 14 CCR Section 18984.9(c).

(b) Shall participate in the City’s Organic Waste collection service(s) by placing designated materials in designated containers as described in Subsection c of this Section, and shall not place Prohibited Container Contaminants in collection containers.

(c) Generator shall place Source Separated Green Container Organic Waste, including Food Waste, in the Green Container; Source Separated Recyclable Materials in the Blue Container; and Gray Container Waste in the Gray Container. Generators shall not place materials designated for the Gray Container into the Green Container or Blue Container.

§4450.2 Requirements for Commercial Businesses

Generators that are Commercial Businesses, including Multi-Family Residential Dwellings, shall:

- (a) Subscribe to the City's collection services and comply with requirements of those services as described below in Subsection (b).
- (b) Participate in the City's Organic Waste collection service(s) by placing designated materials in designated containers as described in Subsection (c) of this Section.
- (c) Generator shall place Source Separated Green Container Organic Waste, including Food Waste, in the Green Container; Source Separated Recyclable Materials in the Blue Container; and Gray Container Waste in the Gray Container. Generator shall not place materials designated for the Gray Container into the Green Container or Blue Container.
- (d) Supply and allow access to adequate number, size and location of collection containers with sufficient labels or colors (conforming with Subsections (e)(1) and 6(e)(2) below) for employees, contractors, tenants, and customers, consistent with the City's Blue Container, Green Container, and Gray Container collection service.
- (e) Excluding Multi-Family Residential Dwellings, provide containers for the collection of Source Separated Green Container Organic Waste and Source Separated Recyclable Materials in all indoor and outdoor areas where disposal containers are provided for customers, for materials generated by that business. Such containers do not need to be provided in restrooms. If a Commercial Business does not generate any of the materials that would be collected in one type of container, then the business does not have to provide that particular container in all areas where disposal containers are provided for customers. Pursuant to 14 CCR Section 18984.9(b), the containers provided by the business shall have either:
 - (1) A body or lid that conforms with the container colors provided through the collection service provided by the City, with either lids conforming to the color requirements or bodies conforming to the color requirements or both lids and bodies conforming to color requirements. A Commercial Business is not required to replace functional containers, including containers purchased prior to January 1, 2022, that do not comply with the requirements of the subsection prior to the end of the useful life of those containers, or prior to January 1, 2036, whichever comes first.
 - (2) Container labels that include language or graphic images, or both, indicating the primary material accepted and the primary materials prohibited in that container, or containers with imprinted text or graphic images that indicate the primary materials accepted and primary materials prohibited in the container. Pursuant 14 CCR Section 18984.8, the container labeling requirements are required on new containers commencing January 1, 2022.
- (f) Multi-Family Residential Dwellings are not required to comply with container placement requirements or labeling requirement in Subsection (d) above pursuant to 14 CCR Section 18984.9(b).
- (g) To the extent practical through education, training, Inspection, and/or other measures, excluding Multi-Family Residential Dwellings, prohibit employees from placing materials in a container not designated for those materials per the City's Blue Container, Green Container, and Gray Container

collection service.

(h) Excluding Multi-Family Residential Dwellings, periodically inspect Blue Containers, Green Containers, and Gray Containers for contamination and inform employees if containers are contaminated and of the requirements to keep contaminants out of those containers pursuant to 14 CCR Section 18984.9(b)(3).

i) Annually provide information to employees, contractors, tenants, and customers about Organic Waste Recovery requirements and about proper sorting of Source Separated Green Container Organic Waste and Source Separated Recyclable Materials.

(j) Provide education information before or within fourteen (14) days of occupation of the premises to new tenants that describes requirements to keep Source Separated Green Container Organic Waste and Source Separated Recyclable Materials separate from Gray Container Waste (when applicable) and the location of containers and the rules governing their use at each property.

(k) Provide or arrange access for the City or its agent to their properties during all Inspections conducted in accordance with Section 4450.6 of this Chapter to confirm compliance with the requirements of this Chapter.

(l) Nothing in this Section prohibits a generator from preventing or reducing waste generation, managing Organic Waste on site, or using a Community Composting site pursuant to 14 CCR Section 18984.9(c).

(m) Commercial Businesses that are Tier One or Tier Two Commercial Edible Food Generators shall comply with Food Recovery requirements, pursuant to Section 4450.4.

§4450.3 Requirements for Commercial Edible Food Generators

(a) Tier One Commercial Edible Food Generators must comply with the requirements of this Section commencing January 1, 2022, and Tier Two Commercial Edible Food Generators must comply commencing January 1, 2024, pursuant to 14 CCR Section 18991.3.

(b) Large Venue or Large Event operators not providing food services, but allowing for food to be provided by others, shall require Food Facilities operating at the Large Venue or Large Event to comply with the requirements of this Section, commencing January 1, 2024.

(c) Commercial Edible Food Generators shall comply with the following requirements:

(1) Arrange to recover the maximum amount of Edible Food that would otherwise be disposed.

(2) Contract with, or enter into a written agreement with Food Recovery Organizations or Food Recovery Services for: (i) the collection of Edible Food for Food Recovery; or, (ii) acceptance of the Edible Food that the Commercial Edible Food Generator self-hauls to the Food Recovery Organization for Food Recovery.

(3) Shall not intentionally spoil Edible Food that is capable of being recovered by a Food Recovery Organization or a Food Recovery Service.

- (4) Allow the City's designated enforcement entity or designated third party enforcement entity to access the premises and review records pursuant to 14 CCR Section 18991.4.
- (5) Keep records that include the following information, or as otherwise specified in 14 CCR Section 18991.4:
 - (A) A list of each Food Recovery Service or organization that collects or receives its Edible Food pursuant to a contract or written agreement established under 14 CCR Section 18991.3(b).
 - (B) A copy of all contracts or written agreements established under 14 CCR Section 18991.3(b).
 - (C) A record of the following information for each of those Food Recovery Services or Food Recovery Organizations:
 - (i) The name, address and contact information of the Food Recovery Service or Food Recovery Organization.
 - (ii) The types of food that will be collected by or self-hauled to the Food Recovery Service or Food Recovery Organization.
 - (iii) The established frequency that food will be collected or self-hauled.
 - (iv) The quantity of food, measured in pounds recovered per month, collected or self-hauled to a Food Recovery Service or Food Recovery Organization for Food Recovery.

(d) Nothing in this Chapter shall be construed to limit or conflict with the protections provided by the California Good Samaritan Food Donation Act of 2017, the Federal Good Samaritan Act, or share table and school food donation guidance pursuant to Senate Bill 557 of 2017 (approved by the Governor of the State of California on September 25, 2017, which added Article 13 [commencing with Section 49580] to Chapter 9 of Part 27 of Division 4 of Title 2 of the Education Code, and to amend Section 114079 of the Health and Safety Code, relating to food safety, as amended, supplemented, superseded and replaced from time to time).

§4450.4 Requirements for Food Recovery Organizations and Services

(a) Food Recovery Services collecting or receiving Edible Food directly from Commercial Edible Food Generators, via a contract or written agreement established under 14 CCR Section 18991.3(b), shall maintain the following records, or as otherwise specified by 14 CCR Section 18991.5(a)(1):

- (1) The name, address, and contact information for each Commercial Edible Food Generator from which the service collects Edible Food.
- (2) The quantity in pounds of Edible Food collected from each Commercial Edible Food Generator per month.

- (3) The quantity in pounds of Edible Food transported to each Food Recovery Organization per month.
- (4) The name, address, and contact information for each Food Recovery Organization that the Food Recovery Service transports Edible Food to for Food Recovery.
- (b) Food Recovery Organizations collecting or receiving Edible Food directly from Commercial Edible Food Generators, via a contract or written agreement established under 14 CCR Section 18991.3(b), shall maintain the following records, or as otherwise specified by 14 CCR Section 18991.5(a)(2):
 - (1) The name, address, and contact information for each Commercial Edible Food Generator from which the organization receives Edible Food.
 - (2) The quantity in pounds of Edible Food received from each Commercial Edible Food Generator per month.
 - (3) The name, address, and contact information for each Food Recovery Service that the organization receives Edible Food from for Food Recovery.

§4450.5 Requirements for Haulers and Facility Operators

- (a) Requirements for Haulers. The exclusive franchise providing residential, Commercial, or industrial Organic Waste collection services to generators within the City's boundaries shall meet the following requirements and standards as a condition of approval of a contract, agreement, or other authorization with the City to collect Organic Waste:
 - (1) Through written notice to the City annually on or before January 1, 2023, identify the facilities to which they will transport Organic Waste including facilities for Source Separated Recyclable Materials and Source Separated Green Container Organic Waste.
 - (2) Transport Source Separated Recyclable Materials and Source Separated Green Container Organic Waste to a facility, operation, activity, or property that recovers Organic Waste as defined in 14 CCR, Division 7, Chapter 12, Article 2.
 - (3) Obtain approval from the City to haul Organic Waste, unless it is transporting Source Separated Organic Waste to a Community Composting site or lawfully transporting construction and demolition materials ("C&D") in a manner that complies with 14 CCR Section 18989.1, and applicable provisions of this Chapter and of the Ukiah City Code.
- (b) Requirements for Facility Operators and Community Composting Operations
 - (1) Owners of facilities, operations, and activities that recover Organic Waste, including, but not limited to, Compost facilities, in-vessel digestion facilities, and publicly-owned treatment works shall, upon the City's request, provide information regarding available and potential new or expanded capacity at their facilities, operations, and activities, including information about throughput and permitted capacity necessary for planning purposes. Entities contacted by the City shall respond within 60 days.

- (2) Community Composting operators, upon the City's request, shall provide information to the City to support Organic Waste capacity planning, including, but not limited to, an estimate of the amount of Organic Waste anticipated to be handled at the Community Composting operation. Entities contacted by the City shall respond within 60 days.

Article 3 Investigatory and Enforcement Authority of the City

§4450.6 Inspections and Investigations by the City

- (a) City representatives and/or its designated entity, including Designees are authorized to conduct Inspections and investigations, at random or otherwise, of any collection container, collection vehicle loads, or transfer, processing, or disposal facility for materials collected from generators, or Source Separated materials to confirm compliance with this Chapter by Organic Waste Generators, Commercial Businesses (including Multi-Family Residential Dwellings), property owners, Commercial Edible Food Generators, haulers, Self-Haulers, Food Recovery Services, and Food Recovery Organizations, subject to applicable laws. This Section does not allow the City to enter the interior of a private residential property for Inspection.
- (b) Regulated entity shall provide or arrange for access during all Inspections (with the exception of residential property interiors) and shall cooperate with the City's employee or its designated entity/Designee during such Inspections and investigations. Such Inspections and investigations may include confirmation of proper placement of materials in containers, Edible Food Recovery activities, records, or any other requirement of this Chapter described herein. Failure to provide or arrange for: (i) access to an entity's premises; or (ii) access to records for any Inspection or investigation is a violation of this Chapter and may result in penalties described.
- (c) Any records obtained by the City during its Inspections and other reviews shall be subject to the requirements and applicable disclosure exemptions of the Public Records Act as set forth in Government Code Section 6250 et seq.
- (d) City representatives, its designated entity, and/or Designee are authorized to conduct any Inspections or other investigations as reasonably necessary to further the goals of this Chapter, subject to applicable laws.
- (e) The City shall receive written complaints from persons regarding an entity that may be potentially non-compliant with SB 1383 Regulations, including receipt of anonymous complaints.

§4450.7 Enforcement

- (a) Violation of any provision of this Chapter shall constitute grounds for issuance of a Notice of Violation and assessment of a fine by the City Enforcement Official or representative. Enforcement Actions under this Chapter are issuance of an administrative citation and assessment of a fine. The City's procedures on imposition of administrative fines are hereby incorporated in their entirety, as modified from time to time, and shall govern the imposition, enforcement, collection, and review of administrative citations issued to enforce this Chapter and any rule or regulation adopted pursuant to this Chapter, except as otherwise indicated in this Chapter.
- (b) Other remedies allowed by law may be used, including civil action or prosecution as

misdemeanor or infraction. The City may pursue civil actions in the California courts to seek recovery of unpaid administrative citations. The City may choose to delay court action until such time as a sufficiently large number of violations, or cumulative size of violations exist such that court action is a reasonable use of City staff and resources.

(c) Responsible Entity for Enforcement

(1) Enforcement pursuant to this Chapter may be undertaken by the City Enforcement Official, which may be the City Manager or their designee, legal counsel, or combination thereof.

(2) Enforcement may also be undertaken by a Regional or County Agency Enforcement Official, designated by the City, in consultation with City Enforcement Official.

(A) City Enforcement Official(s) and Regional or County Agency Enforcement Official, if designated, will interpret this Chapter; determine if violation(s) have occurred; implement Enforcement Actions; and, determine if compliance standards are met.

(B) City Enforcement Official(s) and Regional or County Agency Enforcement Official, if designated, may issue Notices of Violation(s).

(d) Process for Enforcement

(1) City Enforcement Officials or Regional or County Enforcement Officials and/or their Designee will monitor compliance with the Chapter randomly and through Compliance Reviews, Route Reviews, investigation of complaints, and an Inspection program. Section 4450.6 establishes City's right to conduct inspections and investigations.

(2) The City may issue an official notification to notify regulated entities of its obligations under the Chapter.

(3) The City shall issue a Notice of Violation requiring compliance within sixty (60) days of issuance of the notice.

(4) Absent compliance by the respondent within the deadline set forth in the Notice of Violation, the City shall commence an action to impose penalties, via an administrative citation and fine, pursuant to this Section. Notices shall be sent to "owner" at the official address of the owner maintained by the tax collector for the City or if no such address is available, to the owner at the address of the dwelling or Commercial property or to the party responsible for paying for the collection services, depending upon available information

(e) Penalty Amounts for Types of Violations. The administrative penalty levels are as follows:

(1) For a first violation, the amount of the base penalty shall be \$50 to \$100 per violation.

(2) For a second violation, the amount of the base penalty shall be \$100 to \$200 per violation.

(3) For a third or subsequent violation, the amount of the base penalty shall be \$250 to \$500 per violation.

(f) Factors Considered in Determining Penalty Amount. The following factors shall be used to determine the amount of the penalty for each violation within the appropriate penalty amount range:

- (1) The nature, circumstances, and severity of the violation(s).
- (2) The violator's ability to pay.
- (3) The willfulness of the violator's misconduct.
- (4) Whether the violator took measures to avoid or mitigate violations of this Chapter.
- (5) Evidence of any economic benefit resulting from the violation(s).
- (6) The deterrent effect of the penalty on the violator.
- (7) Whether the violation(s) were due to conditions outside the control of the violator.

(g) Compliance Deadline Extension Considerations.

The City may extend the compliance deadlines set forth in a Notice of Violation issued in accordance with this Section if it finds that there are extenuating circumstances beyond the control of the respondent that make compliance within the deadlines impracticable, including the following:

- (1) Acts of God such as earthquakes, wildfires, flooding, and other emergencies or natural disasters;
- (2) Delays in obtaining discretionary permits or other government agency approvals; or,
- (3) Deficiencies in Organic Waste recycling infrastructure or Edible Food Recovery capacity and the City is under a corrective action plan with CalRecycle pursuant to 14 CCR Section 18996.2 due to those deficiencies.

(h) Appeals Process.

Persons receiving an administrative citation containing a penalty for an uncorrected violation may request a hearing to appeal the citation.

- (1) The violator may file an appeal of the issuance of the Citation with the City Enforcement Official. Such appeal shall be in writing and shall identify the property subject to the citation. The City Enforcement Official shall then cause the matter to be set for hearing before a Hearing Officer appointed by the City to hear such matters. The Hearing Officer shall be qualified by training, education and/or experience to conduct the hearing and shall be impartial. Except in his or her capacity as a Hearing Officer, he or she shall have no personal or business relationship to the property owner or the City.
- (2) Notice of the date of hearing shall be given in writing. The date of the hearing shall be no sooner than fifteen (15) days from the date when notice of the hearing is given to the appellant and to the City Enforcement Official.
- (3) At the time fixed in the notice, the Hearing Officer shall receive evidence, including the

testimony of all competent persons desiring to testify respecting the condition leading to issuance of the citation.

(4) Upon conclusion of the hearing, the Hearing Officer(s) shall determine whether to sustain or overrule the issuance of the citation and shall issue a written order.

(5) The decision of the Hearing Officer on the determination of nuisance is final. Any appeal of the Hearing Officer's decision shall be governed by California Code of Civil Procedure section 1094.6 as such section may be amended from time to time.

(i) Education Period for Non-Compliance

Beginning January 1, 2022 and through December 31, 2023, City will conduct Inspections, Remote Monitoring, Route Reviews or waste evaluations, and Compliance Reviews, depending upon the type of regulated entity, to determine compliance, and if City determines that Organic Waste Generator, Self-Hauler, hauler, Tier One Commercial Edible Food Generator, Food Recovery Organization, Food Recovery Service, or other entity is not in compliance, it shall provide educational materials to the entity describing its obligations under this Chapter and a notice that compliance is required by January 1, 2022, and that violations may be subject to administrative civil penalties starting on January 1, 2024.

(j) Civil Penalties for Non-Compliance

Beginning January 1, 2024, if the City determines that an Organic Waste Generator, Self-Hauler, hauler, Tier One or Tier Two Commercial Edible Food Generator, Food Recovery Organization, Food Recovery Service, or other entity is not in compliance with this Chapter, it shall document the noncompliance or violation, issue a Notice of Violation, and take Enforcement Action pursuant to this Section, as needed.

SECTION THREE.

1. Publication: Within fifteen (15) days after its adoption, this Ordinance shall be published once in a newspaper of general circulation in the City of Ukiah. In lieu of publishing the full text of the Ordinance, the City may publish a summary of the Ordinance once 5 days prior to its adoption and again within fifteen (15) days after its adoption.

2. Effective Date: The ordinance shall become effective thirty (30) days after its adoption.

Introduced by title only on _____, 2022, by the following roll call vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Adopted on _____, 2022, by the following roll call vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

Jim O. Brown, Mayor

ATTEST:

Kristine Lawler, CMC/City Clerk



AGENDA SUMMARY REPORT

SUBJECT: Approval of Plans and Specifications for the Dora Street Utility Improvement Project, Specification No. 19-01, and Direct Staff to Advertise for Bids.

DEPARTMENT: Public Works

PREPARED BY: Andrew Stricklin, Associate Engineer

PRESENTER: Tim Eriksen, Director of Public Works/ City Engineer

ATTACHMENTS:

1. PLANS Spec 19-01 Dora Utility Improvement

Summary: Council will consider approval of the plans and specifications for the Dora Street Utility Improvement Project, Specification No. 19-01, and direct Staff to advertise for bids. This project will replace both water and sewer utilities, make pedestrian and ADA access improvements and reconstruct the roadway on Dora Street from West Mill Street north to Grove Avenue.

Background: The City Council was presented with a selection of streets to be rehabilitated at the December 15, 2021, meeting regarding the lease revenue bonding to renovate the City Corporation Yard and improve various city streets. With the Council approval to pursue bonding at the February 2, 2022, meeting and subsequent award of said bonds, Public Works has completed both plans and specifications for the Dora Street Utility Project.

Discussion: City staff has completed plans and specifications (Attachment 1) for the replacement of both water and sewer utilities, pedestrian and ADA access improvements and reconstruction of the roadway on Dora Street from West Mill Street north to Grove Avenue. This project will also include the restoration of Class 2 bike lanes and installation of new storm drain on portions of West Clay and Walnut Avenue. The construction estimate for this project is \$6,700,000.

Recommended Action: Approve the Plans and Specifications for the Dora Street Utility Improvement Project, Specification No. 19-01, and direct Staff to advertise for bids.

BUDGET AMENDMENT REQUIRED: Yes

CURRENT BUDGET AMOUNT: \$0

PROPOSED BUDGET AMOUNT: To be determined after bid opening

FINANCING SOURCE: Series 2022 Lease Revenue Bonds

PREVIOUS CONTRACT/PURCHASE ORDER NO.:

COORDINATED WITH: Tim Eriksen, Director of Public Works/ City Engineer

Approved: 
Sage Sangiacomo, City Manager

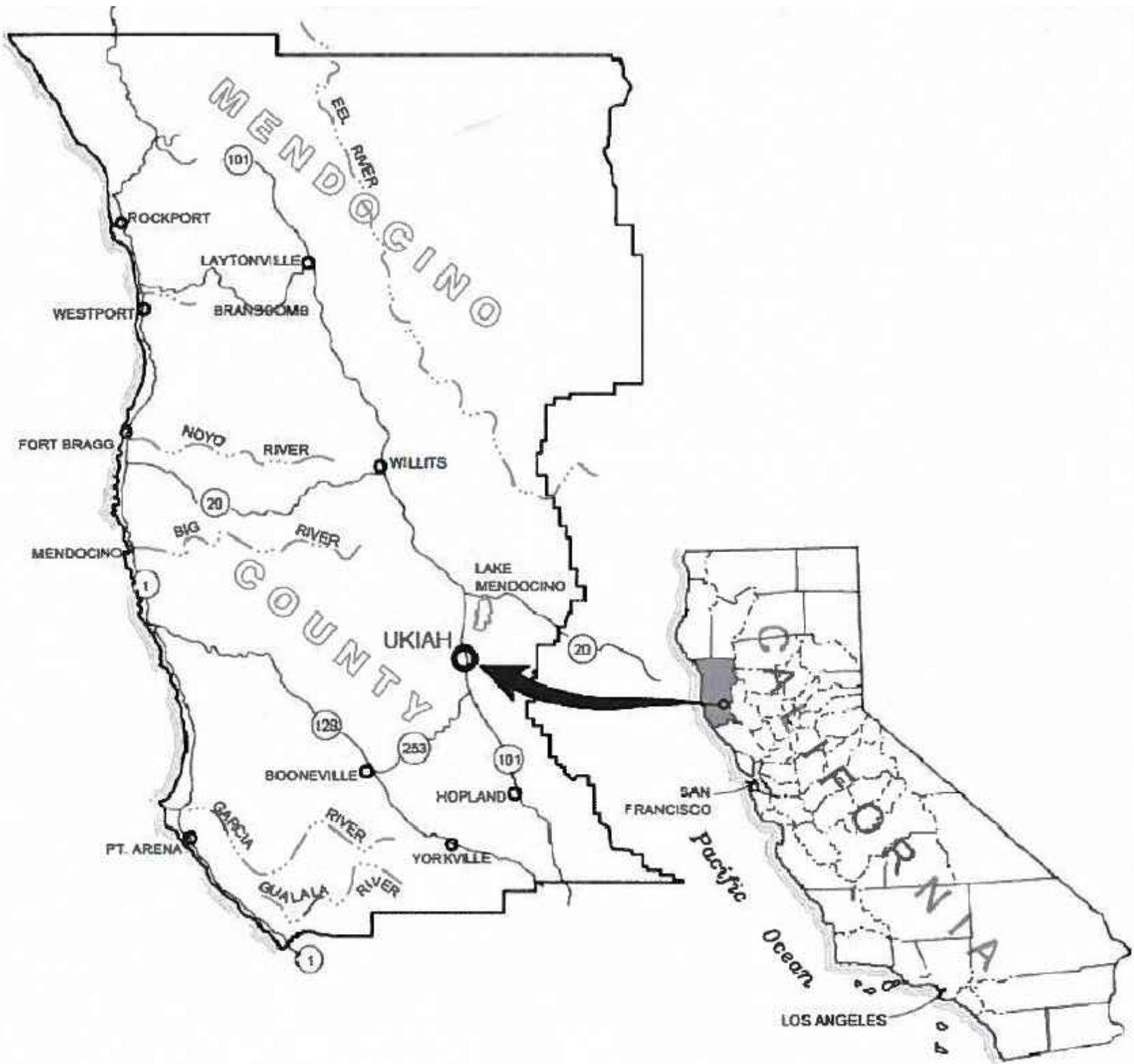
ATTACHMENT 1

DORA STREET UTILITY IMPROVEMENT PROJECT

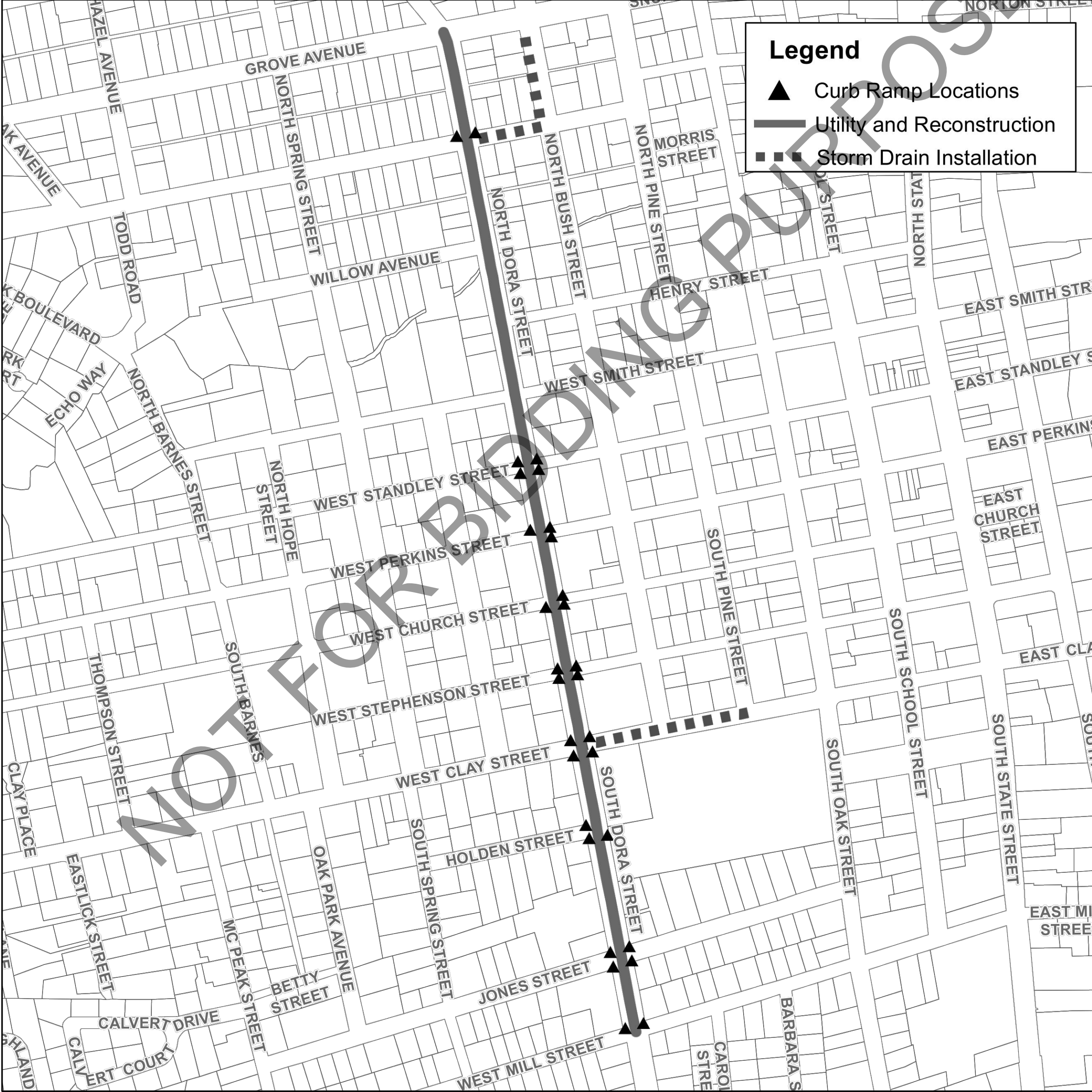
SPECIFICATION NO. 19-01

DORA STREET BETWEEN WEST MILL STREET & GROVE AVENUE
UKIAH, CALIFORNIA
JANUARY 2021

AREA MAP



LOCATION MAP



APPROVALS

APPROVED BY: TIMOTHY E. ERIKSEN, P.E.
DIRECTOR OF PUBLIC WORKS / CITY ENGINEER

DATE: _____

DESIGNED BY: ANDREW R. STRICKLIN
ASSOCIATE ENGINEER / PROJECT MANAGER

DATE: _____

ORIGINAL SIZE:
AS SHOWN
DATE: JANUARY 2021
DRAWING NUMBER:
G-001

DORA STREET UTILITY IMPROVEMENT PROJECT

Project

COVER PAGE

PLAN

CITY OF UKIAH

300 Seminary Avenue
Ukiah, CA 95482

DRAWN:
A.R.S.

CHECKED BY:
T.E.

JOB NUMBER:
SPEC NO 19-01

DRAWING FILE:
S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2019\SPEC 19-01 DORA RECONSTRUCTION\PLANS AND SPEC\SPEC 19-01 DORA UTILITY IMPROVEMENT.DWG

DORA STREET UTILITY IMPROVEMENT PROJECT

SPECIFICATION NO. 19-01

DORA STREET BETWEEN WEST MILL STREET & GROVE AVENUE

UKIAH, CALIFORNIA

JANUARY 2021

GENERAL CONSTRUCTION NOTES:

1.

ALL CONSTRUCTION SHALL CONFORM TO THE 2018 CALTRANS STANDARD PLANS AND SPECIFICATIONS, CITY OF UKIAH SPECIFICATIONS, CITY OF UKIAH STANDARD DRAWINGS, AWWA STANDARDS AND THE PROJECT CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR UNDERSTANDING ALL STANDARDS PERTAINING TO THIS PROJECT.
2.

THE CONTRACTOR SHALL PROVIDE, PROCURE AND PAY FOR ALL PERMITS REQUIRED TO EXECUTE AND COMPLETE THE WORK. THESE INCLUDE, BUT ARE NOT LIMITED TO A CITY OF UKIAH ENCROACHMENT PERMITS, CURRENT CITY OF UKIAH BUSINESS LICENSE, AND A VALID AND PROPER CONTRACTOR'S LICENSE. ENCROACHMENT PERMITS MUST BE LOCATED ON THE JOB SITE DURING WHICH TIME CONTRACTOR IS WORKING THERE.
3.

LOCATION OF UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE ONLY AND BASED ON THE BEST AVAILABLE INFORMATION. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (U.S.A) A MINIMUM OF TWO WORKING DAYS PRIOR TO LOCATE ALL UTILITIES IN ADVANCE OF ANY EXCAVATION. DIAL (TOLL FREE) 811 OR 1-800-227-2600.
4.

CONTRACTOR SHALL POTHOLE AND PHYSICALLY LOCATE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL UNDERGROUND UTILITIES A MINIMUM OF FIVE (5) WORKING DAYS IN ADVANCE OF ANY EXCAVATION TO DETERMINE THE LOCATION OF ANY POTENTIAL CONFLICTS. PROVIDE UTILITY TYPE, MATERIAL, HORIZONTAL LOCATION AND DEPTH BELOW EXISTING GROUND TO THE ENGINEER FOR REVIEW WITHIN ONE (1) WORKING DAY. IF UNMARKED UTILITIES ARE ENCOUNTERED, OR IF UNABLE TO LOCATE A MARKED UTILITY AFTER POTHOLING, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER OF THAT UTILITY AND THE ENGINEER.
5.

CONTRACTOR SHALL NOTIFY ALL PUBLIC OR PRIVATE UTILITY COMPANIES 48 HOURS PRIOR TO COMMENCEMENT OF WORK ADJACENT TO EXISTING UTILITY LINES UNLESS ENCROACHMENT PERMIT SPECIFIES OTHERWISE.
6.

THE CONTRACTOR SHALL PROTECT AND PRESERVE CITY MONUMENTS EXCEPT WHERE OTHERWISE SHOWN FOR REMOVAL. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER 10 WORKING DAYS IN ADVANCE FOR REFERENCING OF EXISTING MONUMENTS TO BE DISTURBED. THE CONTRACTOR SHALL RECONSTRUCT DISTURBED MONUMENTS NOT SHOWN FOR REMOVAL IN ACCORDANCE WITH CITY STANDARD DRAWING NO. 140.
7.

CONSTRUCTION MATERIALS AND EQUIPMENT SHALL BE NEW AND OF A QUALITY EQUAL TO THAT SPECIFIED OR APPROVED. WORK SHALL BE DONE AND COMPLETED IN A THOROUGH AND WORKMANLIKE MANNER.
8.

WHENEVER ANY MATERIAL OR EQUIPMENT IS INDICATED OR SPECIFIED BY PATENT OR PROPRIETARY NAME OR BY THE NAME OF THE MANUFACTURER, SUCH SPECIFICATION SHALL BE CONSIDERED AS USED FOR DESCRIBING THE MATERIAL OR EQUIPMENT DESIRED AND SHALL BE CONSIDERED AS FOLLOWED BY THE WORDS "OR APPROVED EQUIVALENT". THE CONTRACTOR MAY OFFER A MATERIAL OR EQUIPMENT WHICH SHALL BE EQUIVALENT IN EVERY RESPECT TO THAT SPECIFIED; PROVIDED THAT WRITTEN APPROVAL FIRST IS OBTAINED FROM THE DIRECTOR OF PUBLIC WORKS.
9.

MATERIALS SHALL BE SO STORED TO ENSURE THE PRESERVATION OF THEIR QUALITY AND FITNESS FOR THE WORK. THEY SHALL BE SO LOCATED AND DISPOSED THAT PROMPT AND PROPER INSPECTION THEREOF MAY BE MADE.
10.

THE CITY SHALL HAVE THE RIGHT TO TAKE POSSESSION OF AND USE ANY COMPLETED OR PARTIALLY COMPLETED PORTIONS OF THE WORK, NOT WITHSTANDING THE TIME FOR COMPLETING THE ENTIRE WORK OF SUCH PORTIONS WHICH MAY NOT HAVE EXPIRED; BUT SUCH TAKING POSSESSION AND USE SHALL NOT BE DEEMED AN ACCEPTANCE OF ANY WORK NOT COMPLETED IN ACCORDANCE WITH THE PROJECT CONSTRUCTION DOCUMENTS. IF SUCH PRIOR USE INCREASES THE COST OF OR DELAYS THE WORK, THE CONTRACTOR SHALL BE ENTITLED TO SUCH EXTRA COMPENSATION, OR EXTENSION OF TIME OR BOTH, AS THE DIRECTOR OF PUBLIC WORKS MAY DETERMINE.
11.

CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE CITY AND ITS REPRESENTATIVES HARMLESS FROM ANY AND ALL LIABILITY, REAL AND/OR ALLEGED, IN CONJUNCTION WITH THE PERFORMANCE OF THIS PROJECT.
12.

ALL EXCAVATED MATERIAL SHALL BE DISPOSED OF AS GENERATED AND AT NO TIME SHALL THE CONTRACTOR PLACE EXCAVATED MATERIAL AT THE WORK SITE.
13.

CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY AND ALL DAMAGES TO EXISTING FEATURES, STRUCTURES AND UTILITIES DURING CONSTRUCTION. ALL DAMAGES SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE DIRECTOR OF PUBLIC WORKS.
14.

ALL SEWER MANHOLES, MAINLINE CLEANOUTS AND WATER VALVES THAT ARE ON ACTIVE SYSTEMS SHALL BE ACCESSIBLE TO CITY PERSONNEL AT ALL TIMES AND SHALL BE BROUGHT TO FINISH GRADE WITHIN 48 HOURS OF PAVING OR AT ENGINEER'S APPROVAL. ANY DAMAGES TO THE CITY OR OTHER UTILITIES CAUSED BY CONTRACTOR OPERATIONS SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
15.

CONTRACTOR SHALL VERIFY LOCATIONS, LEVELS, DISTANCES, AND FEATURES THAT MAY AFFECT THE WORK. SHOULD EXISTING CONDITIONS DIFFER FROM THOSE SHOWN OR INDICATED, OR IF IT APPEARS THAT THESE PLANS, STANDARD SPECIFICATIONS, AND SPECIAL PROVISIONS DO NOT ADEQUATELY DETAIL THE WORK TO BE DONE, CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONTINUING WITH ANY RELATED WORK. NO ALLOWANCE WILL BE MADE IN HIS BEHALF FOR ANY EXTRA EXPENSE RESULTING FROM FAILURE OR NEGLECT IN DETERMINING THE CONDITIONS UNDER WHICH WORK IS TO BE PERFORMED. NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALE.
16.

CONTRACTOR SHALL PROVIDE AND MAINTAIN SUFFICIENT BARRICADES TO PROVIDE FOR THE SAFETY OF THE GENERAL PUBLIC TO THE SATISFACTION OF THE DIRECTOR OF PUBLIC WORKS.
17.

THE CONTRACTOR SHALL MAINTAIN ADA COMPLIANT ACCESS TO ALL BUSINESSES IN THE PROJECT AREA FOR THE DURATION OF THE PROJECT. CONTRACTOR SHALL PROVIDE MINIMUM TWO (2) WEEKS NOTICE
- PRIOR TO CONSTRUCTION ACTIVITIES ADJACENT TO ANY BUSINESSES, NOTICES SHALL BE PROVIDED TO BUSINESS OWNERS AND PROPERTY OWNERS AND COORDINATED WITH THE CITY. PROVIDE A DRAFT NOTICE TO THE CITY FOR REVIEW A MINIMUM OF THREE (3) WEEKS PRIOR TO CONSTRUCTION ACTIVITIES.

18.

CONTRACTOR SHALL NOTIFY THE DIRECTOR OF PUBLIC WORKS AT LEAST 72 HOURS IN ADVANCE OF COMMENCEMENT OF ANY PART OF THE WORK.

19.

CONTRACTOR SHALL MAINTAIN REASONABLE ACCESS TO ALL DRIVEWAYS DURING CONSTRUCTION PER SECTION 7-1.03 AND 7-1.04 OF THE STANDARD SPECIFICATIONS.

20.

CAUTION SHALL BE EXERCISED WHEN EXCAVATING WITHIN THE DRIPLINE OF ANY TREE SHOWN ON THE PLANS TO BE PROTECTED. ROOTS LARGER THAN 2 INCHES SHALL NOT BE CUT WITHOUT PERMISSION FROM THE ENGINEER.

21.

ALL LANDSCAPING AND IRRIGATION SYSTEMS OR OTHER PRIVATE OR PUBLIC IMPROVEMENTS DISTURBED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED IN KIND AS DIRECTED BY THE ENGINEER.

22.

CONTRACTOR SHALL PROVIDE RECORD DRAWINGS AT THE COMPLETION OF CONSTRUCTION PER CITY REQUIREMENTS. RECORD DRAWINGS SHALL ACCURATELY REFLECT ALL APPROVED CHANGES MADE DURING CONSTRUCTION AND THE LOCATIONS AND DEPTHS OF ALL EXISTING ACTIVITIES ENCOUNTERED.

23.

COMPACT FILL AREAS AND TOP 12" OF CUT AREAS TO 95% OF MAXIMUM DENSITY AS MEASURED BY ASTM D1557. CONTRACTOR SHALL IMPORT OR EXPORT ACCEPTABLE MATERIALS AS NECESSARY.

24.

ALL GRADES SHOWN ARE FINISH GRADES. ALLOW FOR VARYING THICKNESS OF BASE, PAVING, AND CONCRETE IN PREPARING SUBGRADE.

25.

THE CONTRACTOR SHALL HAVE A CLASS "A" LICENSE.

26.

THE CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS IN THE HORIZONTAL ALIGNMENTS OF THE ELECTRICAL CONDUITS AS NECESSARY TO PROVIDE 3 FT OF CLEARANCE.

EROSION CONTROL NOTES:

1.

ALL EROSION CONTROL MEASURES SHALL CONFORM TO THE PROJECT WPCP, WATER POLLUTION CONTROL PROGRAM PREPARATION MANUAL (JUNE 2011), THE CONSTRUCTION SITE BEST MANAGEMENT PRACTICES MANUAL AND THE CONSTRUCTION SITE MONITORING PROGRAM GUIDANCE MANUAL.

2.

THE CONTRACTOR SHALL EXERCISE CARE DURING DEMOLITION AND EXCAVATION OPERATIONS TO MINIMIZE EROSION AND SEDIMENT TRANSPORT OFF SITE.

3.

THE CONTRACTION SHALL CONDUCT ALL OPERATIONS SO AS TO PREVENT ANY UNNECESSARY DISTURBANCE OF SOIL OR EXISTING VEGETATION.

4.

THE CITY IS RESPONSIBLE FOR COMPLYING WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT NO. CAS000002 WASTE DISCHARGE REQUIREMENTS FOR DISCHARGES OF STORM WATER RUNOFF ASSOCIATED WITH CONSTRUCTION. CONSTRUCTION ACTIVITIES INCLUDE BUT ARE NOT LIMITED TO CLEARING, GRADING, EXCAVATION, STOCKPILING, AND RECONSTRUCTION OF EXISTING FACILITIES INVOLVING REMOVAL AND REPLACEMENT.

TRAFFIC NOTES:

1.

CONTRACTOR SHALL SUBMIT CONSTRUCTION TRAFFIC CONTROL PLAN TO THE CITY OF UKIAH FOR REVIEW AND APPROVAL AT THE PRE-CONSTRUCTION MEETING AND A MINIMUM OF (2) WEEKS BEFORE BEGINNING ANY RELATED CONSTRUCTION ACTIVITY. THE TRAFFIC CONTROL PLAN SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND PREPARED BY A LICENSED CIVIL OR TRAFFIC ENGINEER.

2.

TRAFFIC SIGNAL(S) SHALL REMAIN FUNCTIONAL DURING CONSTRUCTION.

3.

ALL SIGNAL LOOP WIRING SHALL BE REPAIRED OR REPLACED IF SAWCUT OR DAMAGED.

4.

CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE PERMITS AND REGULATIONS, AS APPLICABLE

SEWER CONSTRUCTION NOTES:

1.

NEW SEWER MAINS ARE TO BE CLEANED AND FREE OF DEBRIS, BY MEANS OF AN APPROVED METHOD (E.G. RUBBER BALL WASHED THROUGH, HYDRO-CLEANER ETC.) PRIOR TO TESTS FOR LEAKAGE AND DEFLECTION.

2.

PIPE DEFLECTION SHALL BE TESTED BY USE OF A STEEL MANDREL WITH MAXIMUM ALLOWABLE DEFLECTION OF 5%. CONTRACTOR SHALL PROVIDE A STEEL MANDREL AT THE JOBSITE FOR EVERY DIAMETER OF SEWER MAIN CONSTRUCTED. SEE DETAIL 1 ON DRAWING C-502.

3.

SEWER MAINS SHALL BE TESTED FOR SOUNDNESS AND TIGHTNESS (LEAKAGE) BY THE USE OF LOW-PRESSURE AIR TEST OR A HYDROSTATIC TEST WITH A MINIMUM OF 10' OF HEAD AND ANY PORTION OF THE MAIN TO BE TESTED. CONTRACTOR SHALL HAVE ON-SITE, A MEANS BY WHICH TO TEST THE MAIN.

4.

MANHOLES SHALL BE COATED INSIDE WITH ONE (1) COAT OF THORO-SEAL, XPEX, OR APPROVED EQUAL.

5.

MANHOLES SHALL BE SUBJECT TO HYDROSTATIC TESTS, BY FILLING WITH WATER AND MEASURING THE DROP IN WATER LEVEL OVER A 30 MINUTE PERIOD. PRIOR TO THE 30 MINUTE TEST, MANHOLES SHALL BE FILLED WITH WATER FOR A MINIMUM OF 24 HOUR PERIOD.

6.

ALL TRENCHES SHALL BE BACKFILLED IN ACCORDANCE WITH STANDARD DRAWING NO. 220, PRIOR TO TESTS FOR LEAKAGE AND DEFLECTION.

7.

INSTALL ALL (N) SEWER MAINS AND LATERALS IN TRENCHES IN ACCORDANCE WITH CITY STD 220.

WATER CONSTRUCTION NOTES:

1.

METER BOXES AND VAULTS SHALL BE SET SO THAT THE READING LIDS ARE ALIGNED OVER THE METER REGISTERS AS CLOSELY AS POSSIBLE.

2.

INSTALL ALL (N) WATER MAINS IN TRENCHES IN ACCORDANCE WITH CITY STD 320.

CURB RAMP NOTES:

1.

THE TRANSITION FROM RAMPS TO GUTTERS OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT CHANGES.

2.

SLOPE OF SIDE FLARE SHALL BE (9%) MAXIMUM.

3.

RAMP AND SIDE FLARE AREA SHALL BE CONSTRUCTED WITH A HEAVY BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.

4.

DETECTABLE WARNING SURFACE SHALL CONSIST OF TRUNCATED DOMES ALIGNED IN A SQUARE GRID PATTERN PER CALTRANS STD. A88A.

5.

WEAKENED PLANE JOINTS: $\frac{3}{8}$ " WIDE X 1-1/2" DEEP.

6.

REFER TO CITY STANDARD DRAWING 102 FOR APPLICABLE SIDEWALK, CURB AND GUTTER DETAILS.

7.

GUTTER AND ROAD SURFACE ADJACENT TO CURB RAMP SHALL NOT EXCEED 5% SLOPE.

8.

4' X 4' LANDING AREA NOT TO EXCEED 2% SLOPE IN ANY DIRECTION.

9.

ALL RAMPS SHALL BE INSTALLED PER CALTRANS STD. PLAN A88A, CITY OF UKIAH STD. DWG.111, AND AS SHOWN ON PLANS.

10.

WHERE PUBLIC UTILITY LINES OR EQUIPMENT MUST BE REMOVED OR RELOCATED, OBTAIN THE NECESSARY APPROVALS FROM THE APPROPRIATE DEPARTMENT PRIOR TO STARTING WORK.

11.

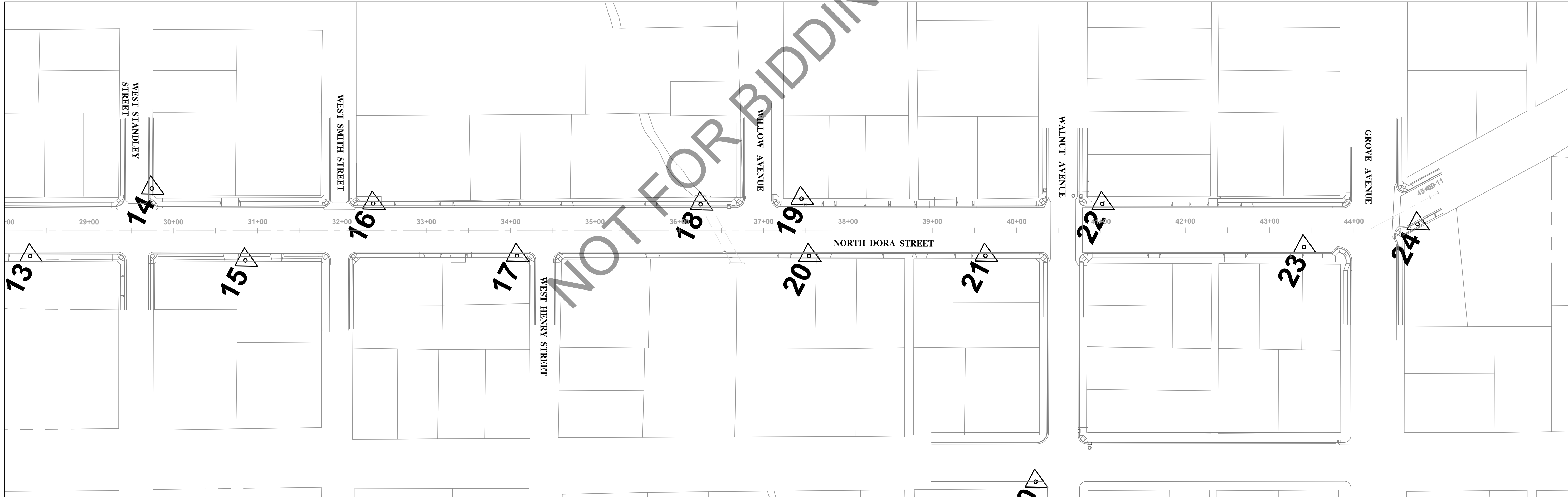
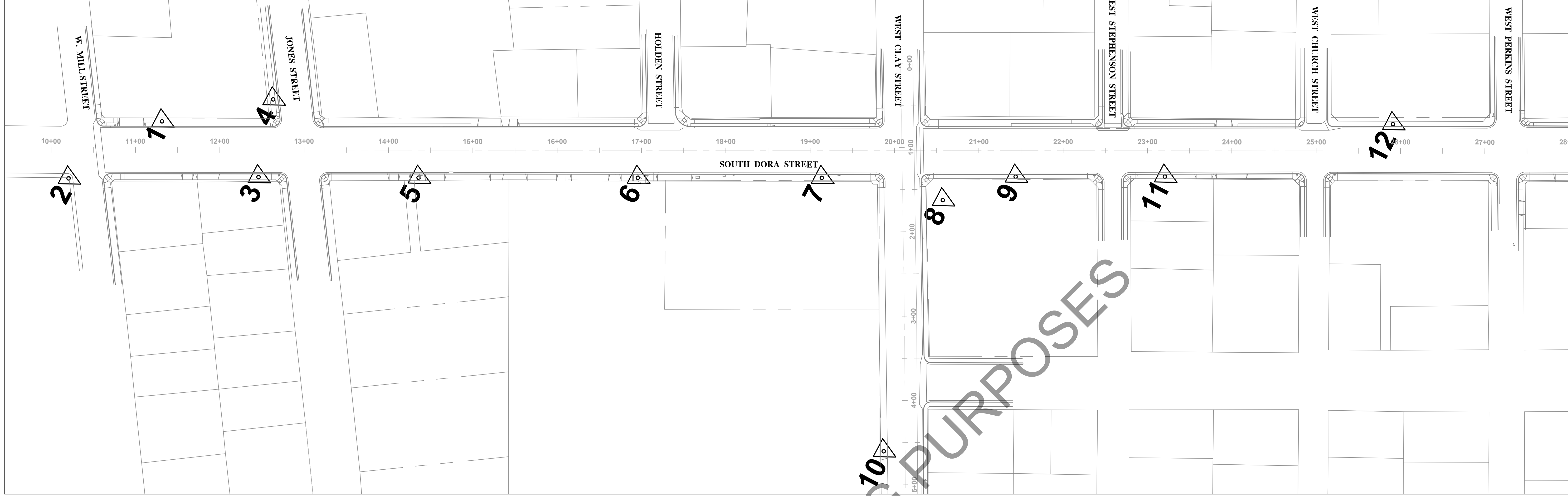
EXPANSION JOINTS SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF UKIAH STD. DWG. 101, OR AS DIRECTED BY THE CITY ENGINEER.

12.

WHENEVER FEASIBLE, CONCRETE TO BE REMOVED AND REPLACED TO CONFORM 4 FT. FROM RAMP OR EXISTING SCORE LINES. DETERMINATION MADE BY CITY ENGINEER.

ORIGINAL SIZE: AS SHOWN DATE: JANUARY 2021 DRAWING NUMBER: G-002	
DORA STREET UTILITY IMPROVEMENT PROJECT	
CONSTRUCTION NOTES	
Project	PLAN
CITY OF UKIAH 300 Seminary Avenue Ukiah, CA 95482  DRAWN: A.R.S. CHECKED BY: T.E. JOB NUMBER: SPEC NO.19-01 DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2019\SPEC 19-01 DORA RECONSTRUCTION\PLANS AND SPEC\SPEC 19-01 DORA UTILITY IMPROVEMENT.DWG	

Page 402 of 691



DRAWN:
A.R.S.

CHECKED BY:
T.E.

JOB NUMBER:
SPEC NO.19-01

DRAWING FILE:
S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2019\SPEC 19-01 DORA RECONSTRUCTION\PLANS AND SPEC\SPEC 19-01 DORA UTILITY IMPROVEMENT.DWG

CITY OF UKIAH



300 Seminary Avenue
Ukiah, CA 95482

DORA STREET UTILITY IMPROVEMENT PROJECT

Project

CONTROL POINT DIAGRAM

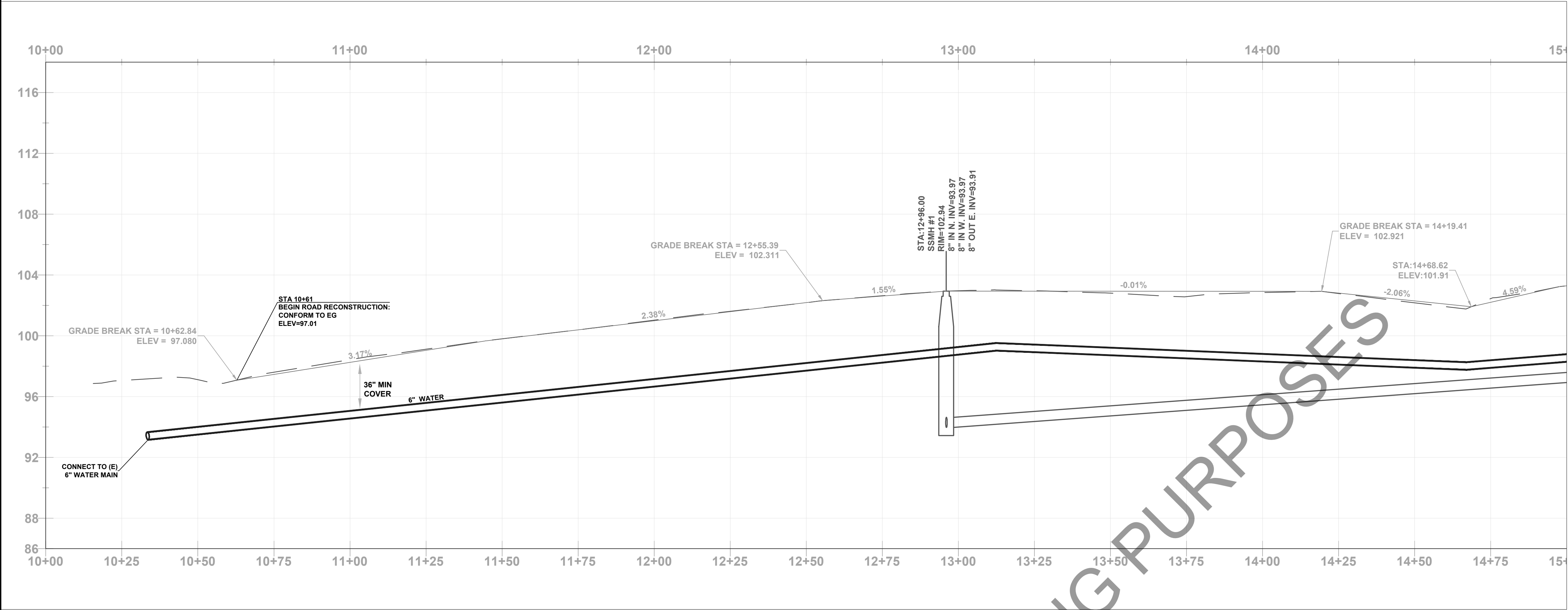
PLAN

ORIGINAL SIZE:
AS SHOWN

DATE: JANUARY 2021

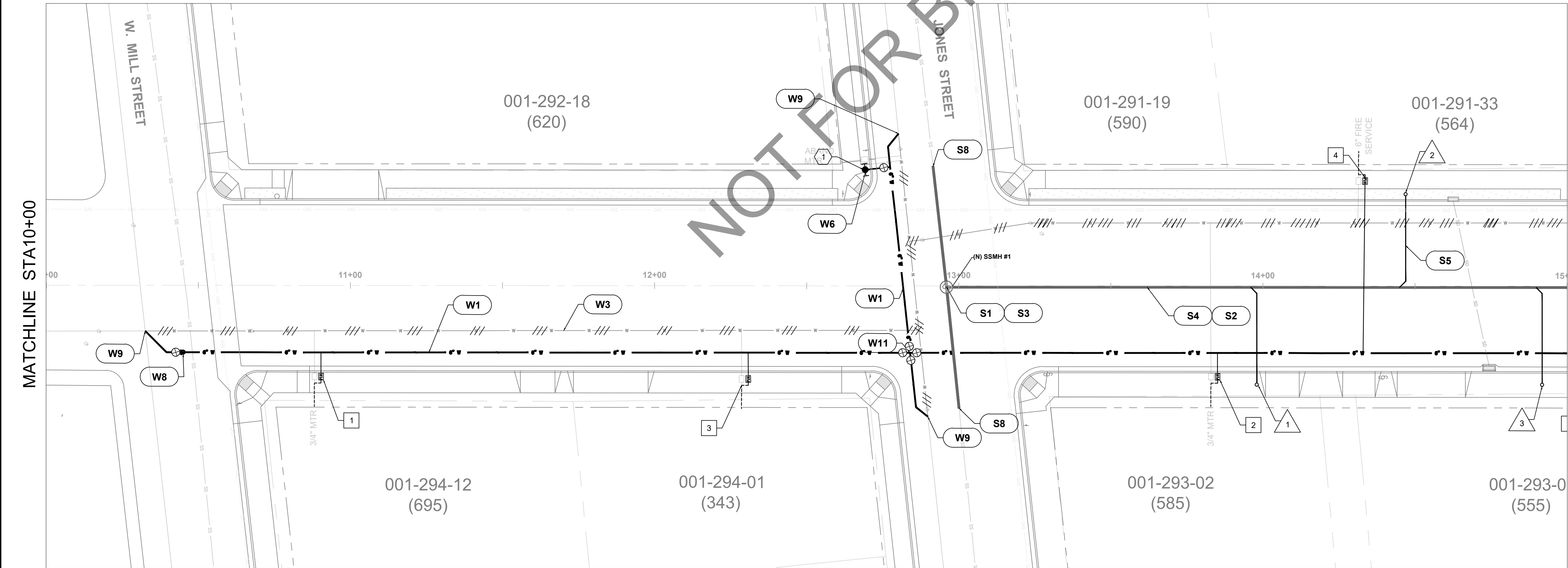
DRAWING NUMBER:

G-003



PROFILE
SCALE : HORIZONTAL 1" = 20'
VERTICAL 1" = 4'

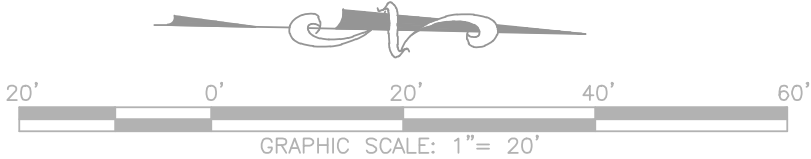
NOTE: THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND LOCATIONS PRIOR TO BEGINNING CONSTRUCTION.



PLAN
SCALE : 1" = 20'

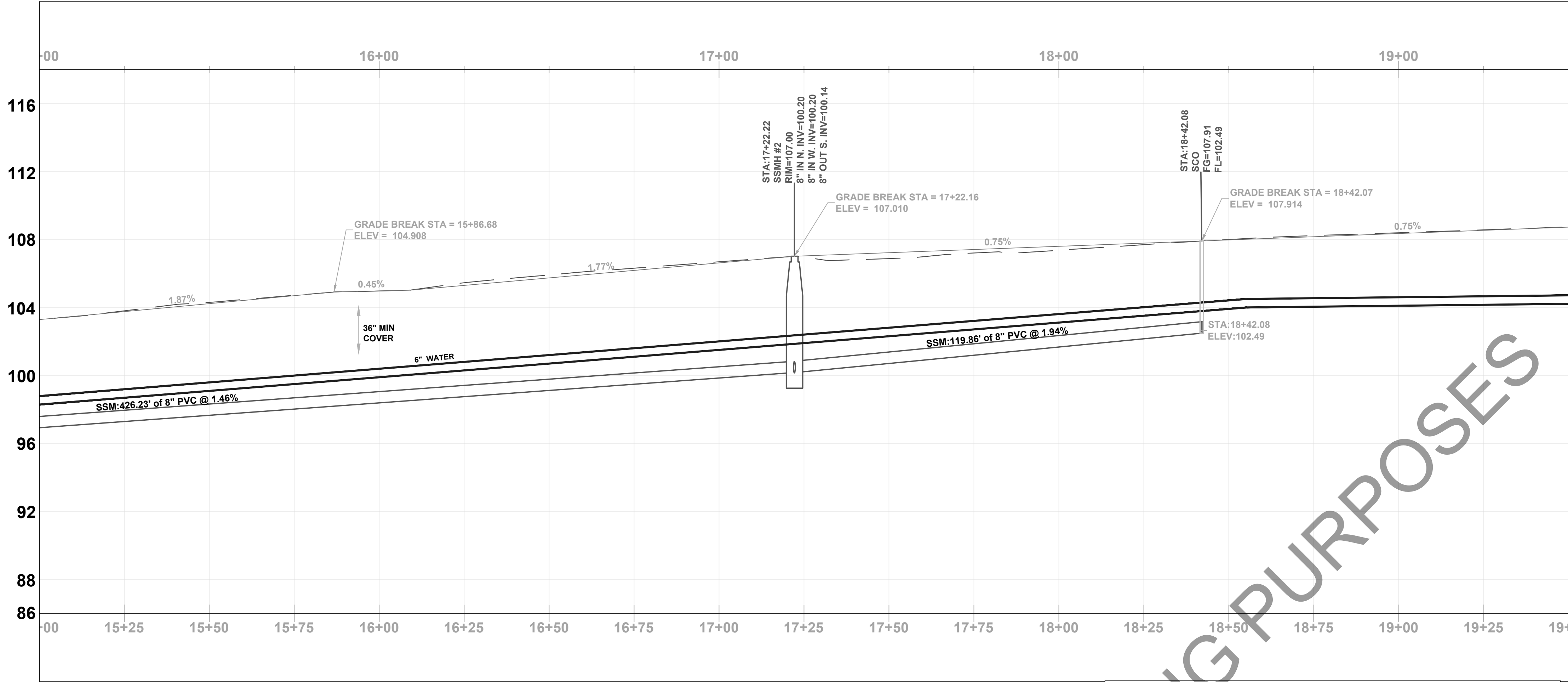
CONSTRUCTION NOTES:

- W1. PROVIDE (N) 6" WATER MAIN.
- W2. PROVIDE SINGLE WATER SERVICE LATERAL PER CITY STD 301.
- W3. ABANDON (E) WATER MAIN OR SERVICE. REMOVE WHERE IN CONFLICT WITH THE (N) WATER MAIN. FILL WITH CONTROLLED LOW STRENGTH MATERIAL WHERE (E) WATER IS LOCATED UNDER BUILDINGS AND ROADWAYS. REMOVE (E) VALVES.
- W4. PROVIDE DUAL 1" WATER SERVICE PLUMBED FOR 3/4" METER.
- W6. PROVIDE (N) FIRE HYDRANT AND LATERAL PER CITY STD DETAIL. MAINTAIN MINIMUM 3' CLEARANCE FROM (N) HYDRANT TO OTHER ABOVE GROUND OBSTRUCTIONS.
- W7. REMOVE (E) FIRE HYDRANT.
- W8. INSTALL TEMPORARY BLOW-OFF PER CITY STD 309. SEE SPECIFICATIONS.
- W9. WATER MAIN TIE-IN.
- W10. PROVIDE (N) 6" GATE VALVE PER CITY STD 307.
- W11. PROVIDE (N) 6" X 6" CROSS GATE VALVES.
- W12. PROVIDE (N) 6"X6"X6" TEE.
- S1. PROVIDE (N) 48" SANITARY MANHOLE PER CITY STD 201.
- S2. PROVIDE (N) 8" SDR 26 PVC SEWER MAIN.
- S3. REMOVE (E) SANITARY SEWER MANHOLE.
- S4. REMOVE (E) SANITARY SEWER MAIN.
- S5. PROVIDE (N) 4" PVC SANITARY SEWER LATERAL PER CITY STD 213 AND REMOVE OR ABANDON (E) LATERAL.
- S8. CONNECT TO (E) SEWER MAIN WITH COUPLING. CONTRACTOR TO LOCATE (E) SEWER IN FIELD AND MATCH (E) GRADES.
- S9. REMOVE AND REPLACE SANITARY SEWER CLEANOUT PER CITY STD 203.



ORIGINAL SIZE: AS SHOWN DATE: JANUARY 2021 DRAWING NUMBER: U-100	
DORA STREET UTILITY IMPROVEMENT PROJECT	
UTILITY PLAN & PROFILE STA 10+00 TO 15+00	
Project	PLAN
CITY OF UKIAH 300 Seminary Avenue Ukiah, CA 95482	
DRAWN: A.R.S.	CHECKED BY: T.E.
JOB NUMBER: SPEC NO19-01	DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2019\SPEC 19-01 DORA RECONSTRUCTION\PLANS AND SPEC\SPEC 19-01 DORA UTILITY IMPROVEMENT.DWG

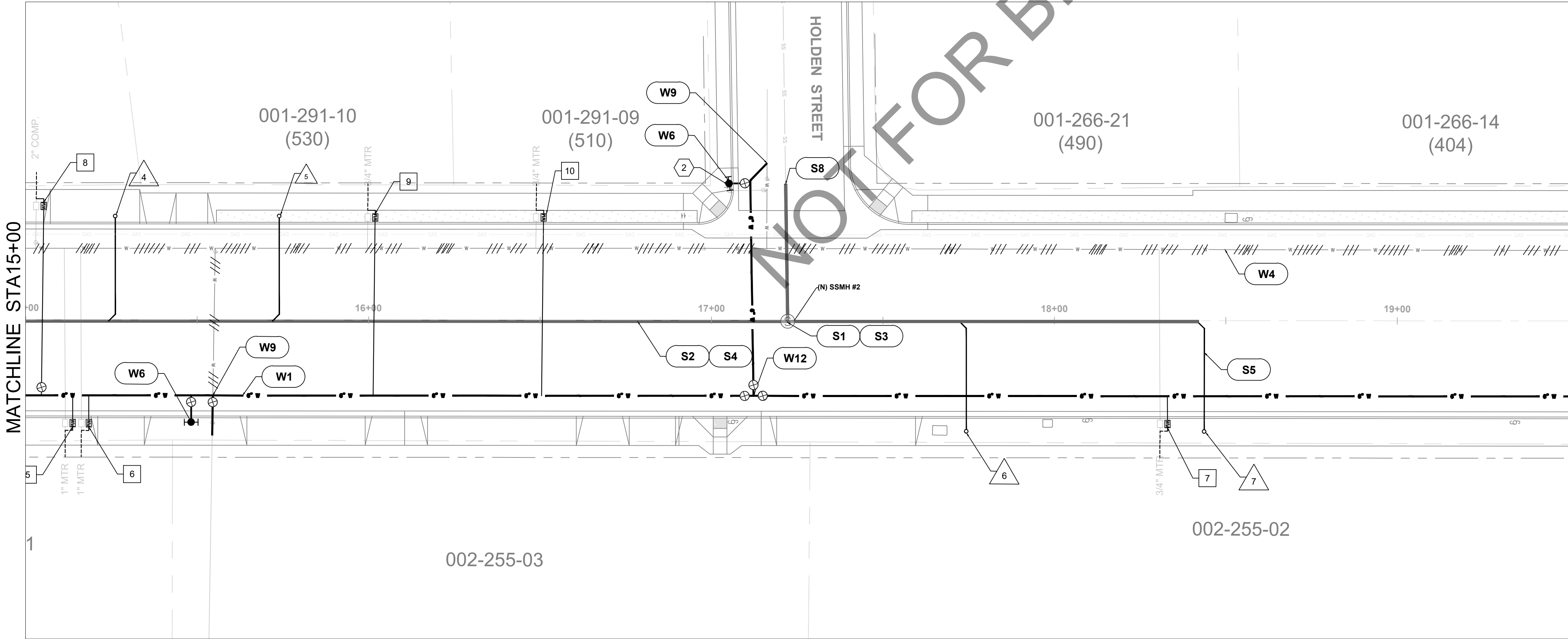
MATCHLINE STA15+00



PROFILE

SCALE : HORIZONTAL 1" = 20'
VERTICAL 1" = 4'

NOTE: THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND LOCATIONS PRIOR TO BEGINNING CONSTRUCTION.

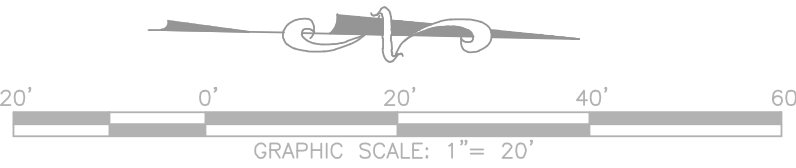


PLAN

SCALE : 1" = 30'

CONSTRUCTION NOTES:

- W1. PROVIDE (N) 6" WATER MAIN.
W2. PROVIDE SINGLE WATER SERVICE LATERAL PER CITY STD 301.
W3. ABANDON (E) WATER MAIN OR SERVICE. REMOVE WHERE IN CONFLICT WITH THE (N) WATER MAIN. FILL WITH CONTROLLED LOW STRENGTH MATERIAL WHERE (E) WATER IS LOCATED UNDER BUILDINGS AND ROADWAYS. REMOVE (E) VALVES.
W4. PROVIDE DUAL 1" WATER SERVICE PLUMBED FOR 3/4" METER.
W6. PROVIDE (N) FIRE HYDRANT AND LATERAL PER CITY STD DETAIL. MAINTAIN MINIMUM 3' CLEARANCE FROM (N) HYDRANT TO OTHER ABOVE GROUND OBSTRUCTIONS.
W7. REMOVE (E) FIRE HYDRANT.
W8. INSTALL TEMPORARY BLOW-OFF PER CITY STD 309. SEE SPECIFICATIONS.
W9. WATER MAIN TIE-IN.
W10. PROVIDE (N) 6" GATE VALVE PER CITY STD 307.
W11. PROVIDE (N) 6" X 6" CROSS GATE VALVES.
W12. PROVIDE (N) 6"X6"X6" TEE.
S1. PROVIDE (N) 48" SANITARY MANHOLE PER CITY STD 201.
S2. PROVIDE (N) 8" SDR 26 PVC SEWER MAIN.
S3. REMOVE (E) SANITARY SEWER MANHOLE.
S4. REMOVE (E) SANITARY SEWER MAIN.
S5. PROVIDE (N) 4" PVC SANITARY SEWER LATERAL PER CITY STD 213 AND REMOVE OR ABANDON (E) LATERAL.
S8. CONNECT TO (E) SEWER MAIN WITH COUPLING. CONTRACTOR TO LOCATE (E) SEWER IN FIELD AND MATCH (E) GRADES.
S9. REMOVE AND REPLACE SANITARY SEWER CLEANOUT PER CITY STD 203.



DORA STREET UTILITY IMPROVEMENT PROJECT

UTILITY PLAN & PROFILE
STA 15+00 TO 19+50

Project

PLAN

CITY OF UKIAH

300 Seminary Avenue
Ukiah, CA 95482



DRAWN:

A.R.S.

CHECKED BY:

T.E.

JOB NUMBER:

SPEC NO:19-01

DRAWING FILE:

S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2019\SPEC 19-01 DORA RECONSTRUCTION\PLANS AND SPEC\SPEC 19-01 DORA UTILITY IMPROVEMENT.DWG

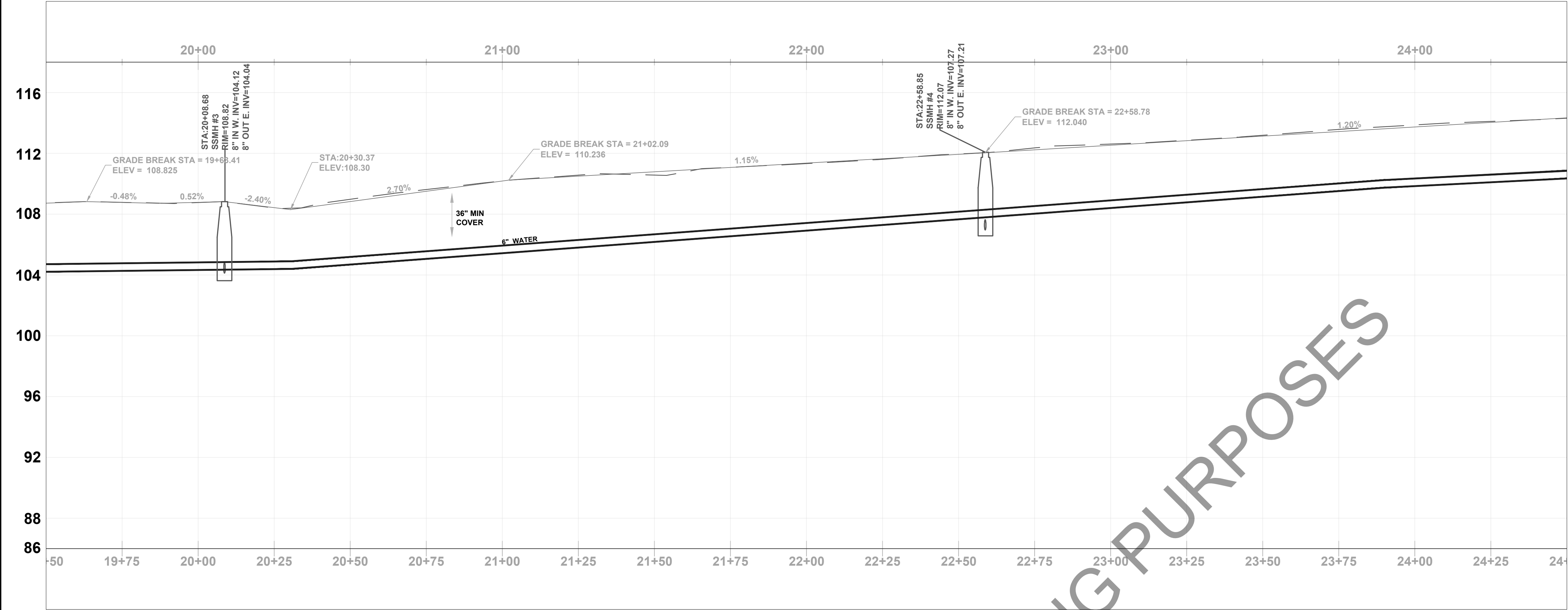
ORIGINAL SIZE:
AS SHOWN

DATE:

JANUARY 2021

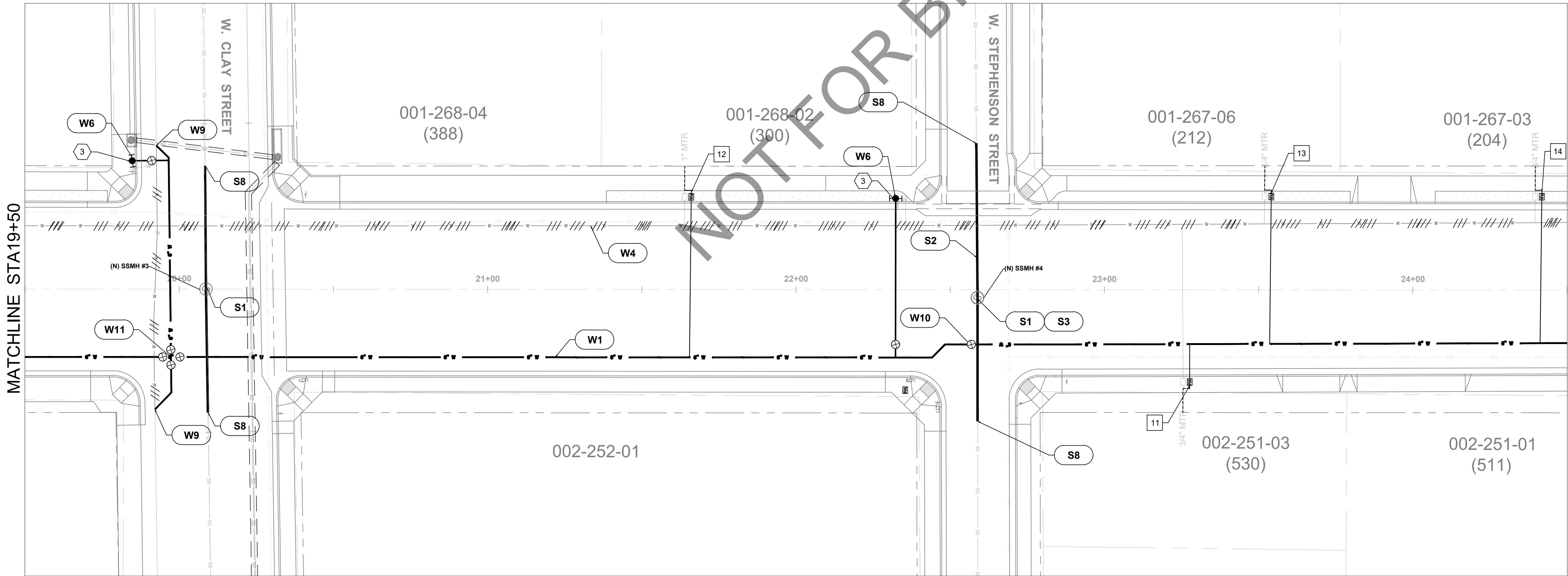
DRAWING NUMBER:

U-101



PROFILE
SCALE : HORIZONTAL 1" = 20'
VERTICAL 1" = 4'

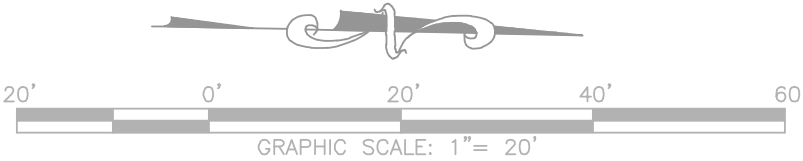
NOTE: THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND LOCATIONS PRIOR TO BEGINNING CONSTRUCTION.



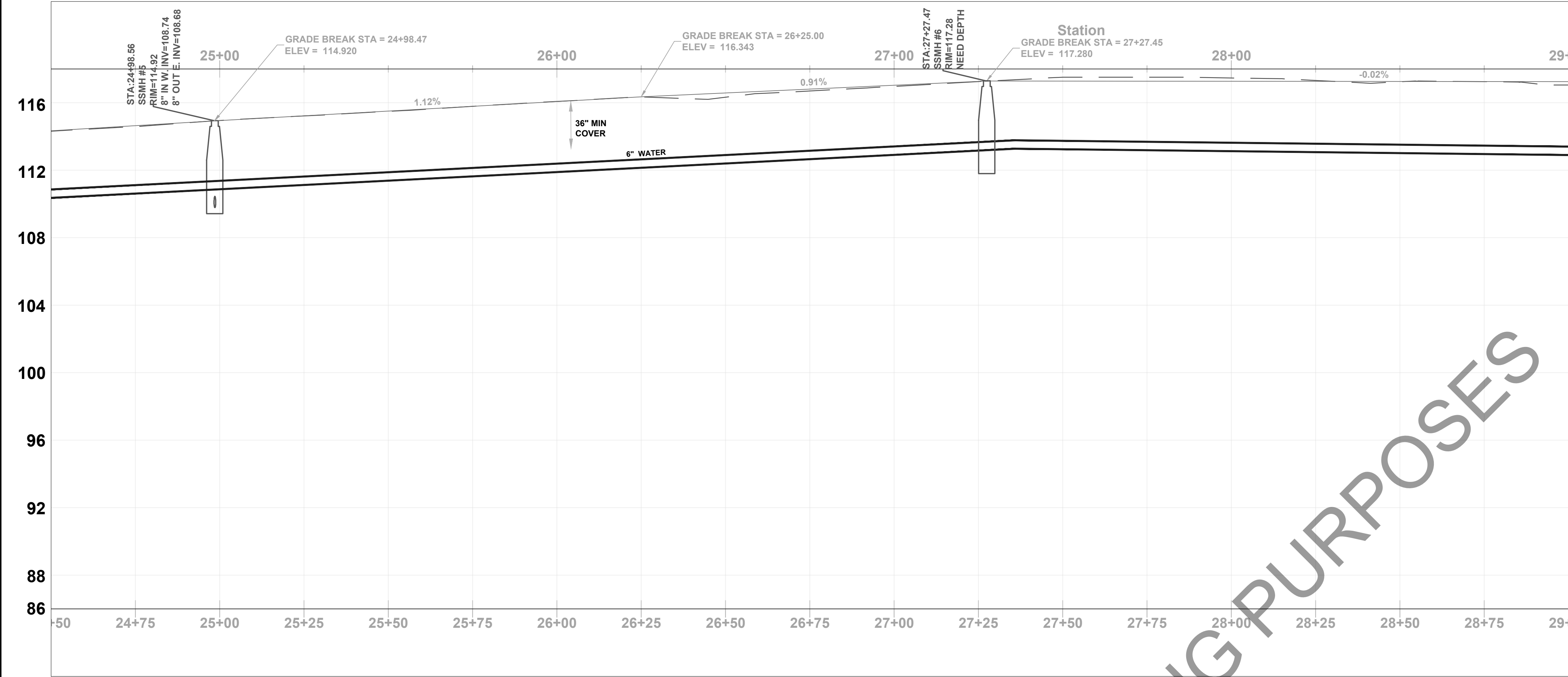
PLAN
SCALE : 1" = 20'

CONSTRUCTION NOTES:

- W1. PROVIDE (N) 6" WATER MAIN.
- W2. PROVIDE SINGLE WATER SERVICE LATERAL PER CITY STD 301.
- W3. ABANDON (E) WATER MAIN OR SERVICE. REMOVE WHERE IN CONFLICT WITH THE (N) WATER MAIN. FILL WITH CONTROLLED LOW STRENGTH MATERIAL WHERE (E) WATER IS LOCATED UNDER BUILDINGS AND ROADWAYS. REMOVE (E) VALVES.
- W4. PROVIDE DUAL 1" WATER SERVICE PLUMBED FOR 3/4" METER.
- W6. PROVIDE (N) FIRE HYDRANT AND LATERAL PER CITY STD DETAIL. MAINTAIN MINIMUM 3' CLEARANCE FROM (N) HYDRANT TO OTHER ABOVE GROUND OBSTRUCTIONS.
- W7. REMOVE (E) FIRE HYDRANT.
- W8. INSTALL TEMPORARY BLOW-OFF PER CITY STD 309. SEE SPECIFICATIONS.
- W9. WATER MAIN TIE-IN.
- W10. PROVIDE (N) 6" GATE VALVE PER CITY STD 307.
- W11. PROVIDE (N) 6" X 6" CROSS GATE VALVES.
- W12. PROVIDE (N) 6"x6"x6" TEE.
- S1. PROVIDE (N) 48" SANITARY MANHOLE PER CITY STD 201.
- S2. PROVIDE (N) 8" SDR 26 PVC SEWER MAIN.
- S3. REMOVE (E) SANITARY SEWER MANHOLE.
- S4. REMOVE (E) SANITARY SEWER MAIN.
- S5. PROVIDE (N) 4" PVC SANITARY SEWER LATERAL PER CITY STD 213 AND REMOVE OR ABANDON (E) LATERAL.
- S8. CONNECT TO (E) SEWER MAIN WITH COUPLING. CONTRACTOR TO LOCATE (E) SEWER IN FIELD AND MATCH (E) GRADES.
- S9. REMOVE AND REPLACE SANITARY SEWER CLEANOUT PER CITY STD 203.

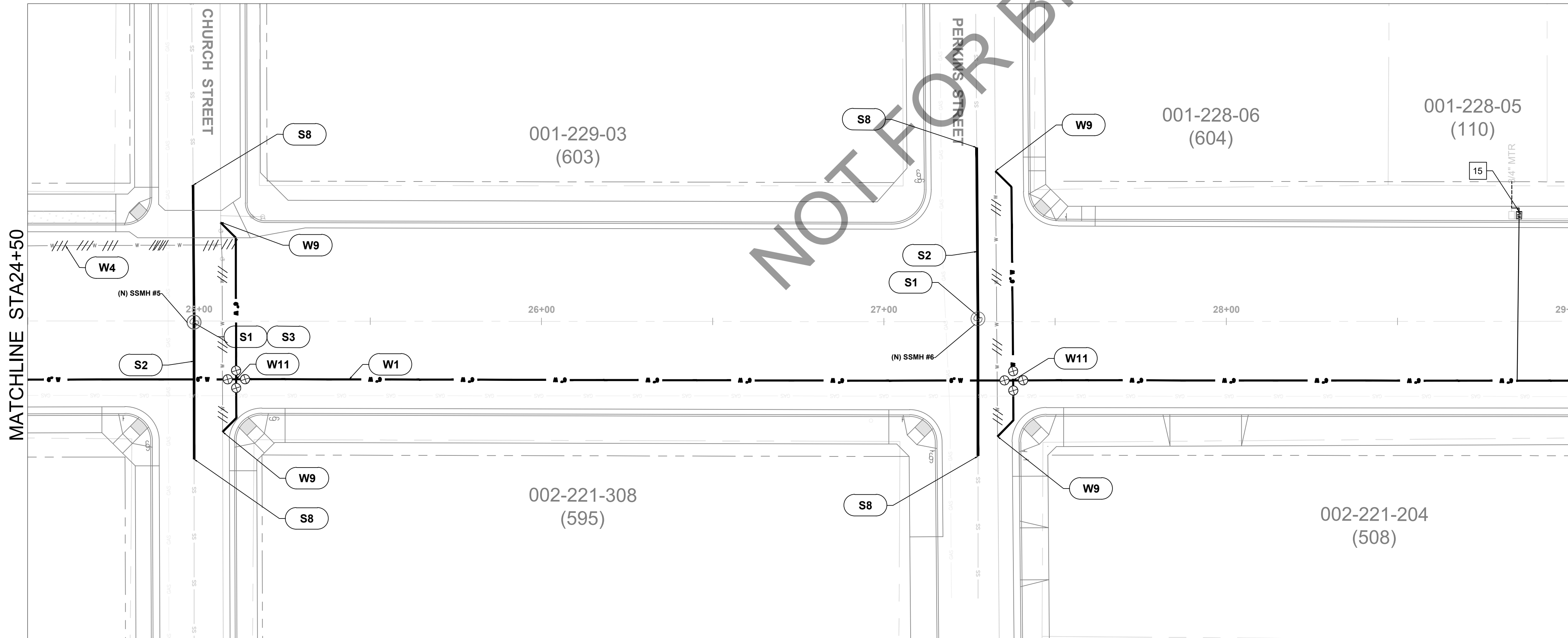


ORIGINAL SIZE: AS SHOWN DATE: JANUARY 2021 DRAWING NUMBER: U-102	
DORA STREET UTILITY IMPROVEMENT PROJECT	
UTILITY PLAN & PROFILE STA 19+50 TO 24+50	
Project	PLAN
CITY OF UKIAH 300 Seminary Avenue Ukiah, CA 95482	
DRAWN: A.R.S.	CHECKED BY: T.E.
JOB NUMBER: SPEC NO.19-01	
DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2018\SPEC 19-01 DORA RECONSTRUCTION\PLANS AND SPEC\SPEC 19-01 DORA UTILITY IMPROVEMENT.DWG	



PROFILE
SCALE : HORIZONTAL 1" = 20'
VERTICAL 1" = 4'

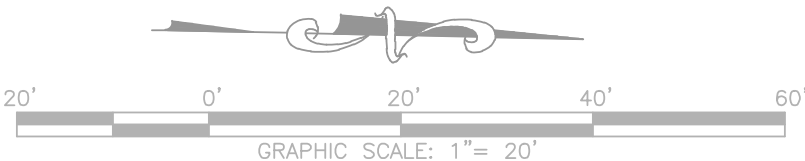
NOTE: THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND LOCATIONS PRIOR TO BEGINNING CONSTRUCTION.



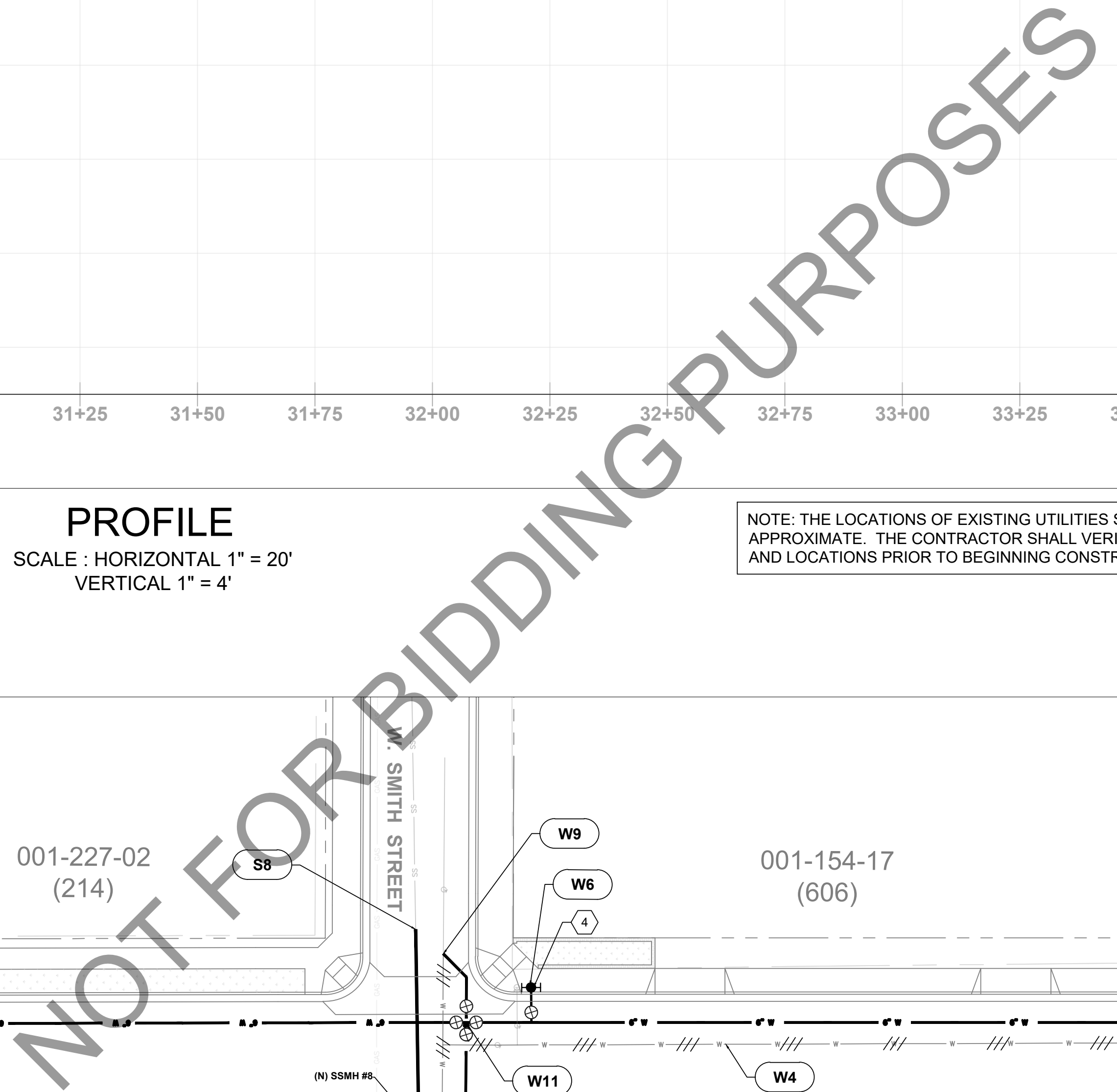
PLAN
SCALE : 1" = 20'

CONSTRUCTION NOTES:

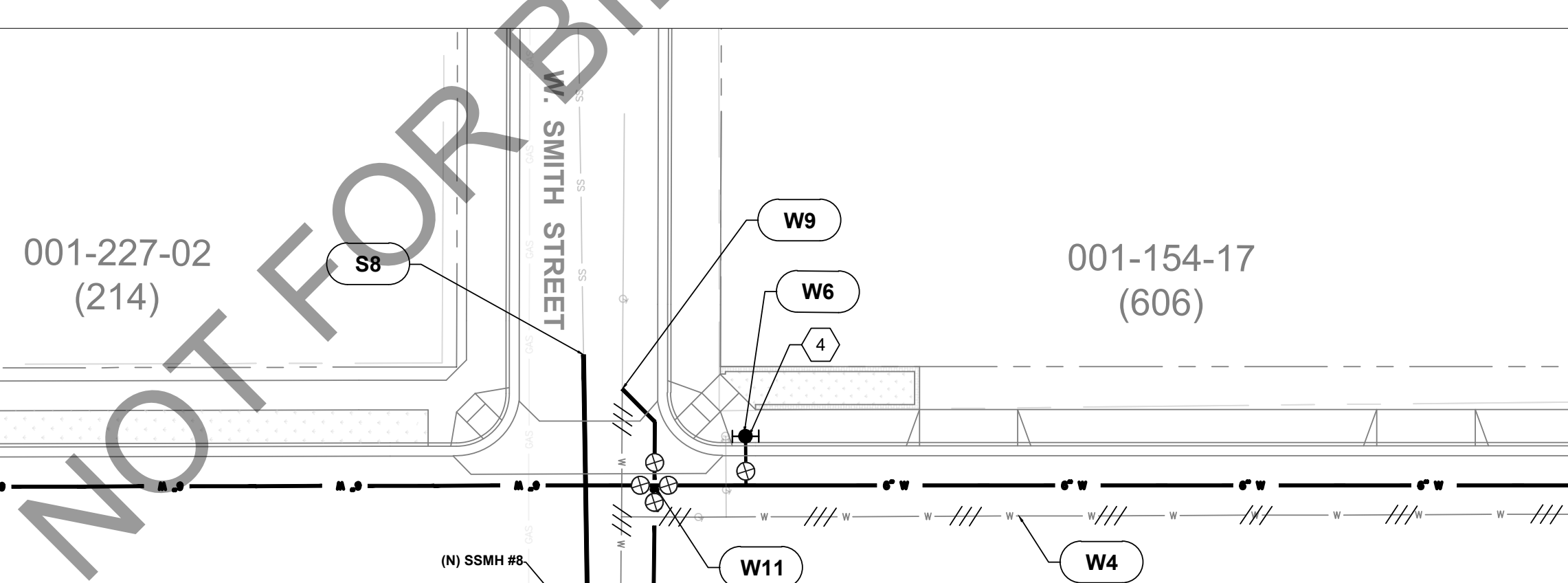
- W1. PROVIDE (N) 6" WATER MAIN.
- W2. PROVIDE SINGLE WATER SERVICE LATERAL PER CITY STD 301.
- W3. ABANDON (E) WATER MAIN OR SERVICE. REMOVE WHERE IN CONFLICT WITH THE (N) WATER MAIN. FILL WITH CONTROLLED LOW STRENGTH MATERIAL WHERE (E) WATER IS LOCATED UNDER BUILDINGS AND ROADWAYS. REMOVE (E) VALVES.
- W4. PROVIDE DUAL 1" WATER SERVICE PLUMBED FOR 3/4" METER.
- W6. PROVIDE (N) FIRE HYDRANT AND LATERAL PER CITY STD DETAIL. MAINTAIN MINIMUM 3' CLEARANCE FROM (N) HYDRANT TO OTHER ABOVE GROUND OBSTRUCTIONS.
- W7. REMOVE (E) FIRE HYDRANT.
- W8. INSTALL TEMPORARY BLOW-OFF PER CITY STD 309. SEE SPECIFICATIONS.
- W9. WATER MAIN TIE-IN.
- W10. PROVIDE (N) 6" GATE VALVE PER CITY STD 307.
- W11. PROVIDE (N) 6" X 6" CROSS GATE VALVES.
- W12. PROVIDE (N) 6"X6"X6" TEE.
- S1. PROVIDE (N) 48" SANITARY MANHOLE PER CITY STD 201.
- S2. PROVIDE (N) 8" SDR 26 PVC SEWER MAIN.
- S3. REMOVE (E) SANITARY SEWER MANHOLE.
- S4. REMOVE (E) SANITARY SEWER MAIN.
- S5. PROVIDE (N) 4" PVC SANITARY SEWER LATERAL PER CITY STD 213 AND REMOVE OR ABANDON (E) LATERAL.
- S8. CONNECT TO (E) SEWER MAIN WITH COUPLING. CONTRACTOR TO LOCATE (E) SEWER IN FIELD AND MATCH (E) GRADES.
- S9. REMOVE AND REPLACE SANITARY SEWER CLEANOUT PER CITY STD 203.



ORIGINAL SIZE: AS SHOWN DATE: JANUARY 2021 DRAWING NUMBER: U-103	
DORA STREET UTILITY IMPROVEMENT PROJECT	
UTILITY PLAN & PROFILE STA 24+50 TO 29+00	
Project	PLAN
CITY OF UKIAH 300 Seminary Avenue Ukiah, CA 95482 DRAWN: A.R.S. CHECKED BY: T.E. JOB NUMBER: SPEC NO.19-01 DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2019\18SPEC 19-01 DORA RECONSTRUCTION PLANS AND SPEC\SPEC 19-01 DORA UTILITY IMPROVEMENT.DWG	



NOTE: THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND LOCATIONS PRIOR TO BEGINNING CONSTRUCTION.



GRAPHIC SCALE: 1" = 20'

- W1. PROVIDE (N) 6" WATER MAIN.
- W2. PROVIDE SINGLE WATER SERVICE LATERAL PER CITY STD 301.
- W3. ABANDON (E) WATER MAIN OR SERVICE. REMOVE WATER IN CONFLICT WITH THE (N) WATER MAIN. FILL WITH CONTROLLED LOW STRENGTH MATERIAL WHERE (E) WATER IS LOCATED UNDER BUILDINGS AND ROADWAYS. REMOVE (E) VALVES.
- W4. PROVIDE DUAL 1" WATER SERVICE PLUMBED FOR 3/4" METER.
- W6. PROVIDE (N) FIRE HYDRANT AND LATERAL PER CITY STD DETAIL. MAINTAIN MINIMUM 3' CLEARANCE FROM (N) HYDRANT TO OTHER ABOVE GROUND OBSTRUCTIONS.
- W7. REMOVE (E) FIRE HYDRANT.
- W8. INSTALL TEMPORARY BLOW-OFF PER CITY STD 309. SEE SPECIFICATIONS.
- W9. WATER MAIN TIE-IN.
- W10. PROVIDE (N) 6" GATE VALVE PER CITY STD 307.
- W11. PROVIDE (N) 6" X 6" CROSS GATE VALVES.
- W12. PROVIDE (N) 6"x6"x6" TEE.
- S1. PROVIDE (N) 48" SANITARY MANHOLE PER CITY STD 201.
- S2. PROVIDE (N) 8" SDR 26 PVC SEWER MAIN.
- S3. REMOVE (E) SANITARY SEWER MANHOLE.
- S4. REMOVE (E) SANITARY SEWER MAIN.
- S5. PROVIDE (N) 4" PVC SANITARY SEWER LATERAL PER CITY STD 213 AND REMOVE OR ABANDON (E) LATERAL.
- S8. CONNECT TO (E) SEWER MAIN WITH COUPLING.
CONTRACTOR TO LOCATE (E) SEWER IN FIELD AND MATCH (E) GRADES.
- S9. REMOVE AND REPLACE SANITARY SEWER CLEANOUT PER CITY STD 203.

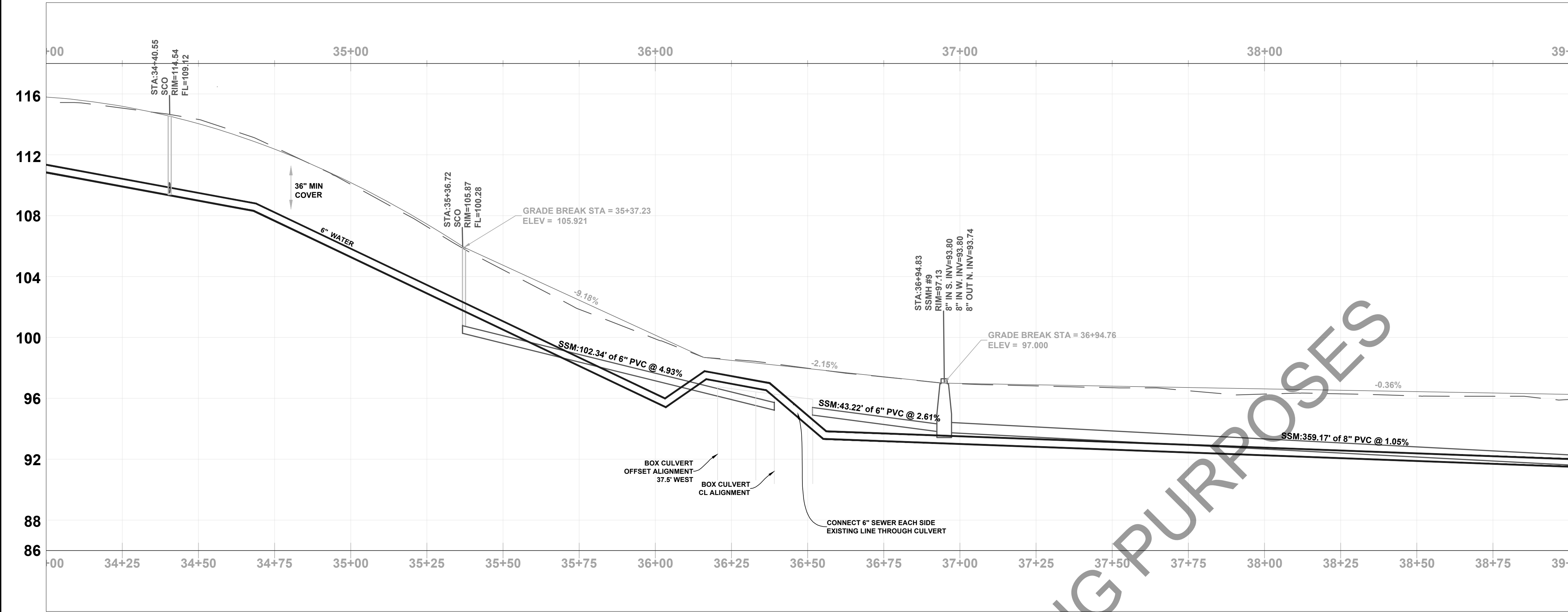
DRAWN: A.R.S.	CHECKED T.E.	JOB NUMBER SPEC	DRAWING
------------------	-----------------	--------------------	---------

UTILITY PLAN & PROFILE STA 29+00 TO 34+00

PLAN

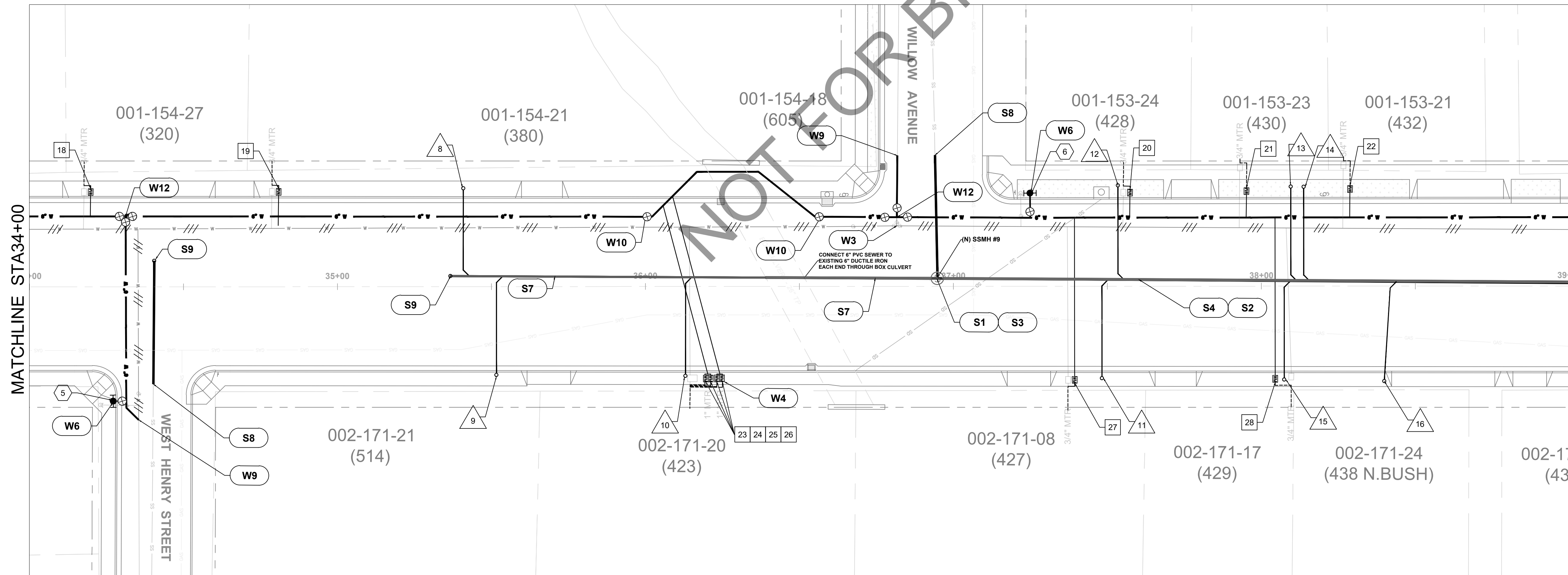
**300 Seminary Avenue
Ukiah, CA 95482**

ORIGINAL SIZE:
AS SHOWN
DATE: JANUARY 2021
DRAWING NUMBER:
U-104



PROFILE
SCALE : HORIZONTAL 1" = 20'
VERTICAL 1" = 4'

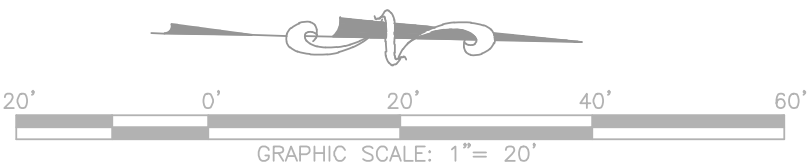
NOTE: THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND LOCATIONS PRIOR TO BEGINNING CONSTRUCTION.



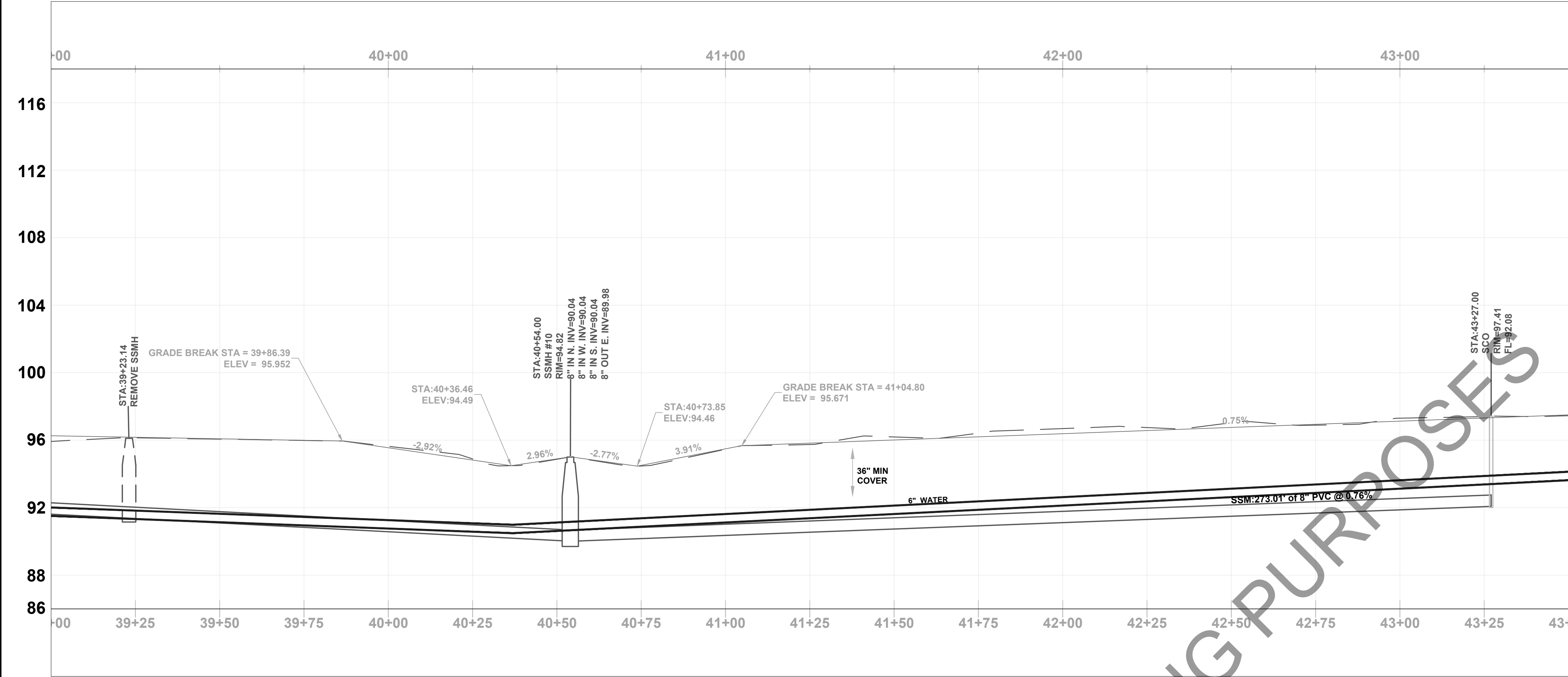
PLAN
SCALE : 1" = 20'

CONSTRUCTION NOTES:

- W1. PROVIDE (N) 6" WATER MAIN.
W2. PROVIDE SINGLE WATER SERVICE LATERAL PER CITY STD 301.
W3. ABANDON (E) WATER MAIN OR SERVICE. REMOVE WHERE IN CONFLICT WITH THE (N) WATER MAIN. FILL WITH CONTROLLED LOW STRENGTH MATERIAL WHERE (E) WATER IS LOCATED UNDER BUILDINGS AND ROADWAYS. REMOVE (E) VALVES.
W4. PROVIDE DUAL 1" WATER SERVICE PLUMBED FOR 3/4" METER.
W6. PROVIDE (N) FIRE HYDRANT AND LATERAL PER CITY STD DETAIL. MAINTAIN MINIMUM 3' CLEARANCE FROM (N) HYDRANT TO OTHER ABOVE GROUND OBSTRUCTIONS.
W7. REMOVE (E) FIRE HYDRANT.
W8. INSTALL TEMPORARY BLOW-OFF PER CITY STD 309. SEE SPECIFICATIONS.
W9. WATER MAIN TIE-IN.
W10. PROVIDE (N) 6" GATE VALVE PER CITY STD 307.
W11. PROVIDE (N) 6" X 6" CROSS GATE VALVES.
W12. PROVIDE (N) 6"X6"X6" TEE.
S1. PROVIDE (N) 48" SANITARY MANHOLE PER CITY STD 201.
S2. PROVIDE (N) 8" SDR 26 PVC SEWER MAIN.
S3. REMOVE (E) SANITARY SEWER MANHOLE.
S4. REMOVE (E) SANITARY SEWER MAIN.
S5. PROVIDE (N) 4" PVC SANITARY SEWER LATERAL PER CITY STD 213 AND REMOVE OR ABANDON (E) LATERAL.
S8. CONNECT TO (E) SEWER MAIN WITH COUPLING. CONTRACTOR TO LOCATE (E) SEWER IN FIELD AND MATCH (E) GRADES.
S9. REMOVE AND REPLACE SANITARY SEWER CLEANOUT PER CITY STD 203.

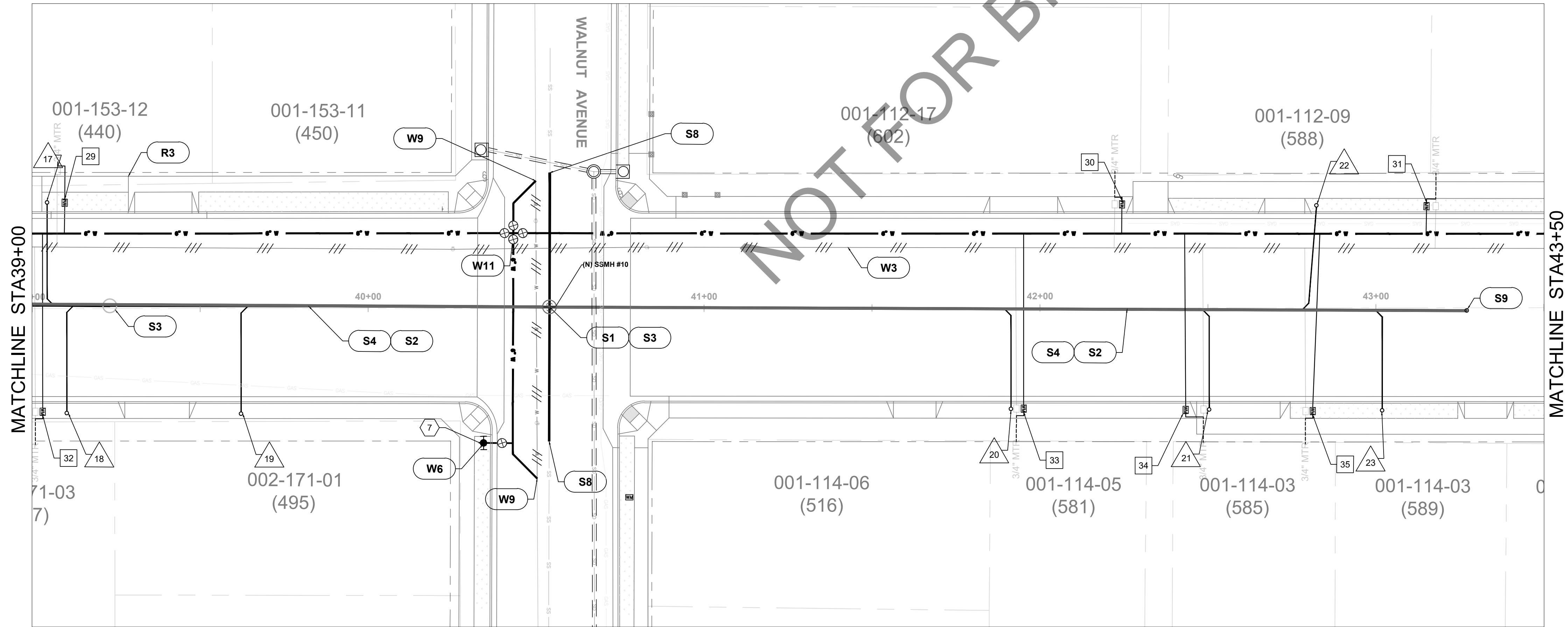


ORIGINAL SIZE: AS SHOWN DATE: JANUARY 2021 DRAWING NUMBER: U-105	
DORA STREET UTILITY IMPROVEMENT PROJECT	
UTILITY PLAN & PROFILE STA 34+00 TO 39+00	
Project	PLAN
CITY OF UKIAH 300 Seminary Avenue Ukiah, CA 95482	
DRAWN: A.R.S.	CHECKED BY: T.E.
JOB NUMBER: SPEC NO.19-01	DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2019\SPEC 19-01 DORA RECONSTRUCTION\PLANS AND SPEC\SPEC 19-01 DORA UTILITY IMPROVEMENT.DWG



PROFILE
SCALE : HORIZONTAL 1" = 20'
VERTICAL 1" = 4'

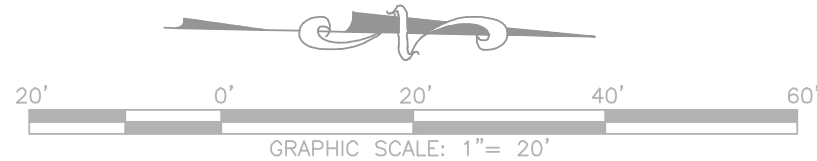
NOTE: THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND LOCATIONS PRIOR TO BEGINNING CONSTRUCTION.



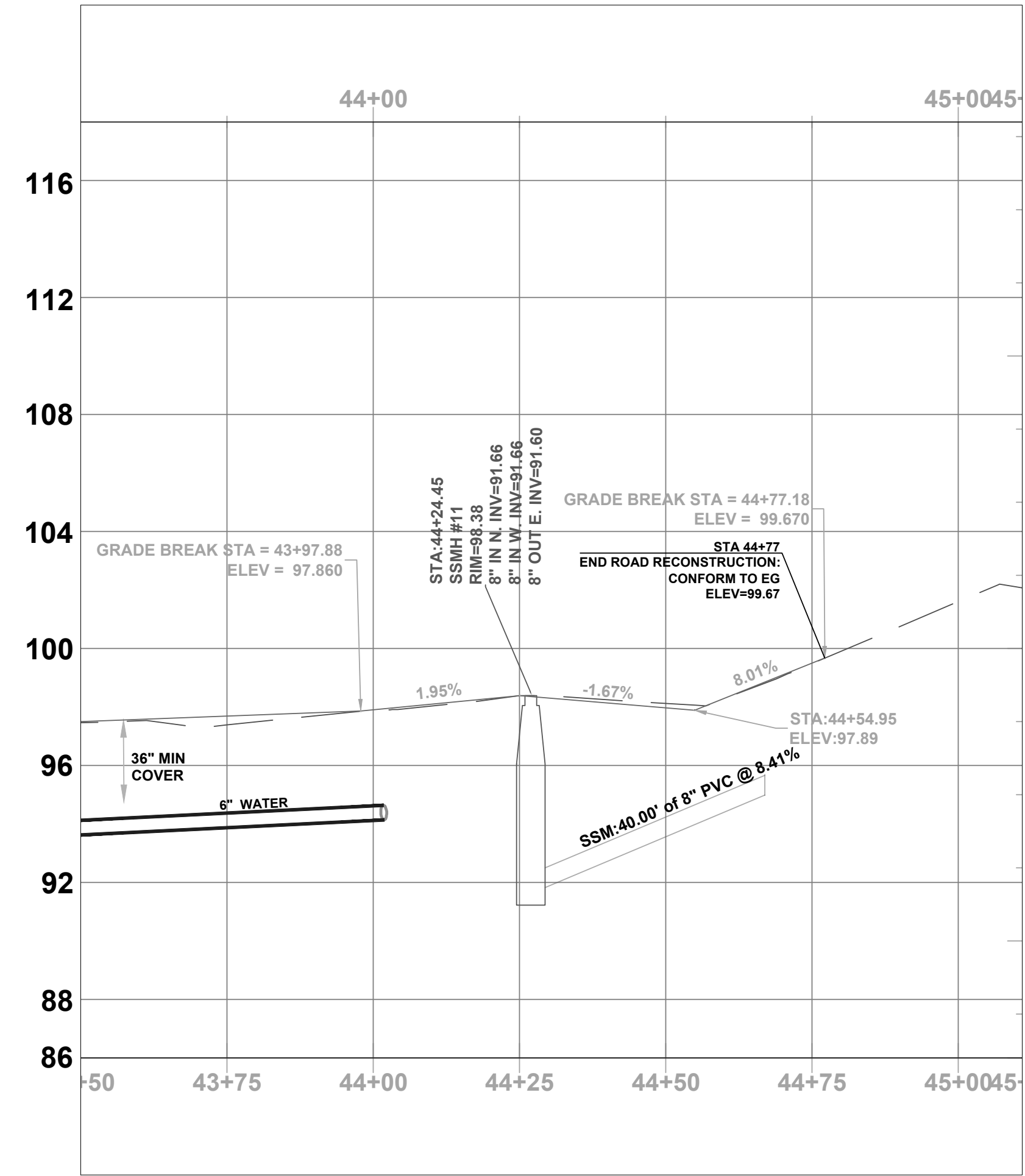
PLAN
SCALE : 1" = 20'

CONSTRUCTION NOTES:

- W1. PROVIDE (N) 6" WATER MAIN.
- W2. PROVIDE SINGLE WATER SERVICE LATERAL PER CITY STD 301.
- W3. ABANDON (E) WATER MAIN OR SERVICE. REMOVE WHERE IN CONFLICT WITH THE (N) WATER MAIN. FILL WITH CONTROLLED LOW STRENGTH MATERIAL WHERE (E) WATER IS LOCATED UNDER BUILDINGS AND ROADWAYS. REMOVE (E) VALVES.
- W4. PROVIDE DUAL 1" WATER SERVICE PLUMBED FOR 3/4" METER.
- W6. PROVIDE (N) FIRE HYDRANT AND LATERAL PER CITY STD DETAIL. MAINTAIN MINIMUM 3' CLEARANCE FROM (N) HYDRANT TO OTHER ABOVE GROUND OBSTRUCTIONS.
- W7. REMOVE (E) FIRE HYDRANT.
- W8. INSTALL TEMPORARY BLOW-OFF PER CITY STD 309. SEE SPECIFICATIONS.
- W9. WATER MAIN TIE-IN.
- W10. PROVIDE (N) 6" GATE VALVE PER CITY STD 307.
- W11. PROVIDE (N) 6" X 6" CROSS GATE VALVES.
- W12. PROVIDE (N) 6"X6"X6" TEE.
- S1. PROVIDE (N) 48" SANITARY MANHOLE PER CITY STD 201.
- S2. PROVIDE (N) 8" SDR 26 PVC SEWER MAIN.
- S3. REMOVE (E) SANITARY SEWER MANHOLE.
- S4. REMOVE (E) SANITARY SEWER MAIN.
- S5. PROVIDE (N) 4" PVC SANITARY SEWER LATERAL PER CITY STD 213 AND REMOVE OR ABANDON (E) LATERAL.
- S8. CONNECT TO (E) SEWER MAIN WITH COUPLING. CONTRACTOR TO LOCATE (E) SEWER IN FIELD AND MATCH (E) GRADES.
- S9. REMOVE AND REPLACE SANITARY SEWER CLEANOUT PER CITY STD 203.

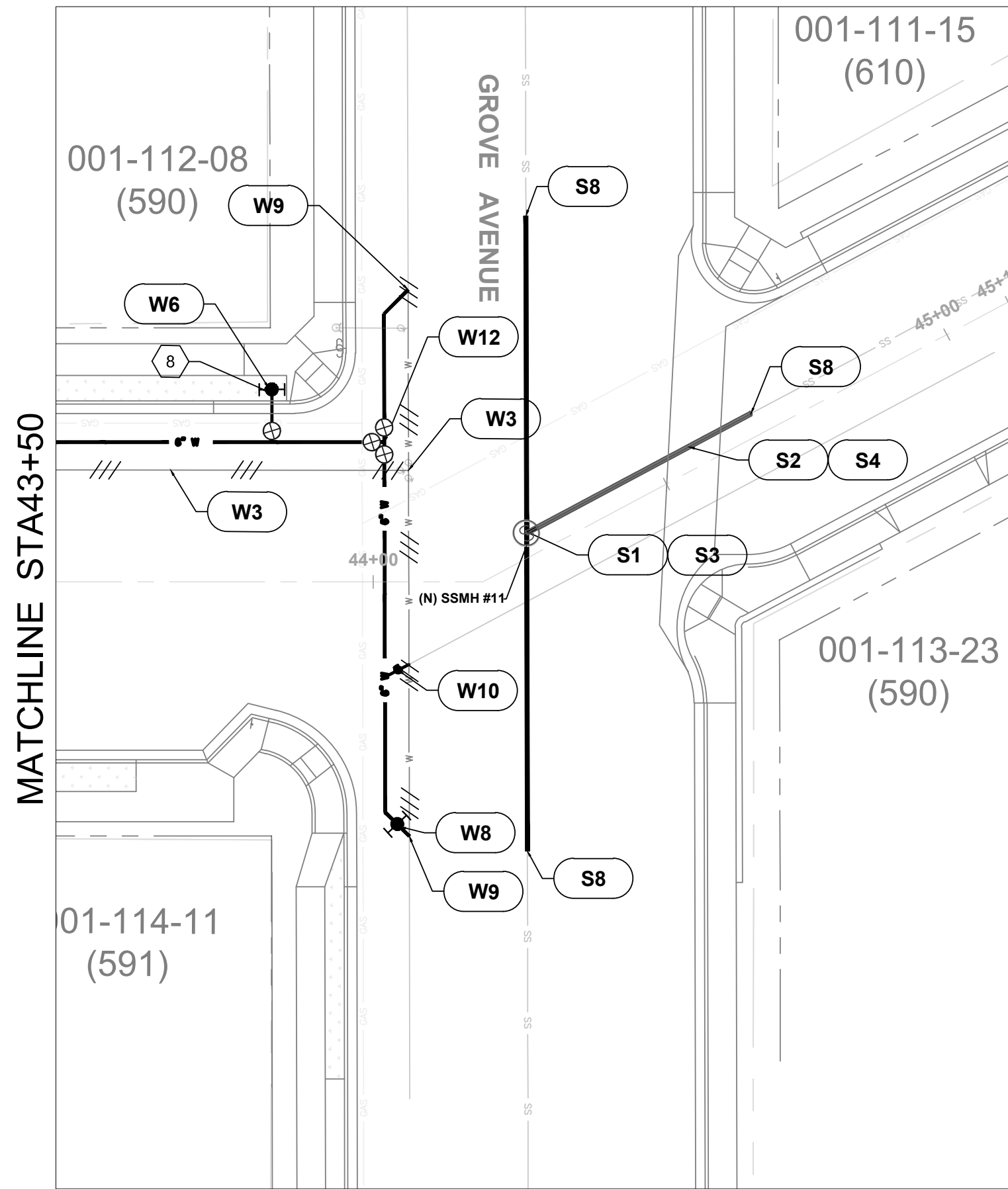


ORIGINAL SIZE: AS SHOWN DATE: JANUARY 2021 DRAWING NUMBER: U-106	
DORA STREET UTILITY IMPROVEMENT PROJECT	
UTILITY PLAN & PROFILE STA 39+00 TO 43+50	
Project	PLAN
CITY OF UKIAH 300 Seminary Avenue Ukiah, CA 95482	
DRAWN: A.R.S.	CHECKED BY: T.E.
JOB NUMBER: SPEC NO.19-01	DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2018\SPEC 19-01 DORA RECONSTRUCTION\PLANS AND SPEC\SPEC 19-01 DORA UTILITY IMPROVEMENT.DWG



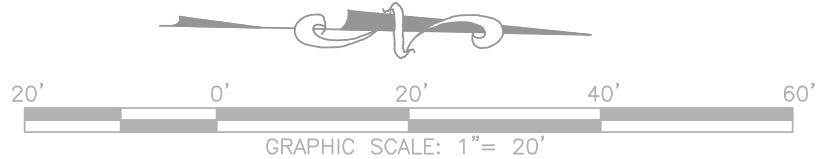
NOTE: THE LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND LOCATIONS PRIOR TO BEGINNING CONSTRUCTION.

PROFILE
SCALE : HORIZONTAL 1" = 20'
VERTICAL 1" = 4'



PLAN
SCALE : 1" = 20'

- CONSTRUCTION NOTES:
- W1. PROVIDE (N) 6" WATER MAIN.
 - W2. PROVIDE SINGLE WATER SERVICE LATERAL PER CITY STD 301.
 - W3. ABANDON (E) WATER MAIN OR SERVICE. REMOVE WHERE IN CONFLICT WITH THE (N) WATER MAIN. FILL WITH CONTROLLED LOW STRENGTH MATERIAL WHERE (E) WATER IS LOCATED UNDER BUILDINGS AND ROADWAYS. REMOVE (E) VALVES.
 - W4. PROVIDE DUAL 1" WATER SERVICE PLUMBED FOR 3/4" METER.
 - W6. PROVIDE (N) FIRE HYDRANT AND LATERAL PER CITY STD DETAIL. MAINTAIN MINIMUM 3' CLEARANCE FROM (N) HYDRANT TO OTHER ABOVE GROUND OBSTRUCTIONS.
 - W7. REMOVE (E) FIRE HYDRANT.
 - W8. INSTALL TEMPORARY BLOW-OFF PER CITY STD 309. SEE SPECIFICATIONS.
 - W9. WATER MAIN TIE-IN.
 - W10. PROVIDE (N) 6" GATE VALVE PER CITY STD 307.
 - W11. PROVIDE (N) 6" X 6" CROSS GATE VALVES.
 - W12. PROVIDE (N) 6"x6"x6" TEE.
 - S1. PROVIDE (N) 48" SANITARY MANHOLE PER CITY STD 201.
 - S2. PROVIDE (N) 8" SDR 26 PVC SEWER MAIN.
 - S3. REMOVE (E) SANITARY SEWER MANHOLE.
 - S4. REMOVE (E) SANITARY SEWER MAIN.
 - S5. PROVIDE (N) 4" PVC SANITARY SEWER LATERAL PER CITY STD 213 AND REMOVE OR ABANDON (E) LATERAL.
 - S8. CONNECT TO (E) SEWER MAIN WITH COUPLING. CONTRACTOR TO LOCATE (E) SEWER IN FIELD AND MATCH (E) GRADES.
 - S9. REMOVE AND REPLACE SANITARY SEWER CLEANOUT PER CITY STD 203.



ORIGINAL SIZE:
AS SHOWN
DATE: JANUARY 2021
DRAWING NUMBER:
U-107

DORA STREET UTILITY IMPROVEMENT PROJECT

UTILITY PLAN & PROFILE
STA 43+50 TO 45+50

Project

PLAN

CITY OF UKIAH

300 Seminary Avenue
Ukiah, CA 95482

DRAWN:

A.R.S.

CHECKED BY:

T.E.

JOB NUMBER:

SPEC NO.19-01

DRAWING FILE:

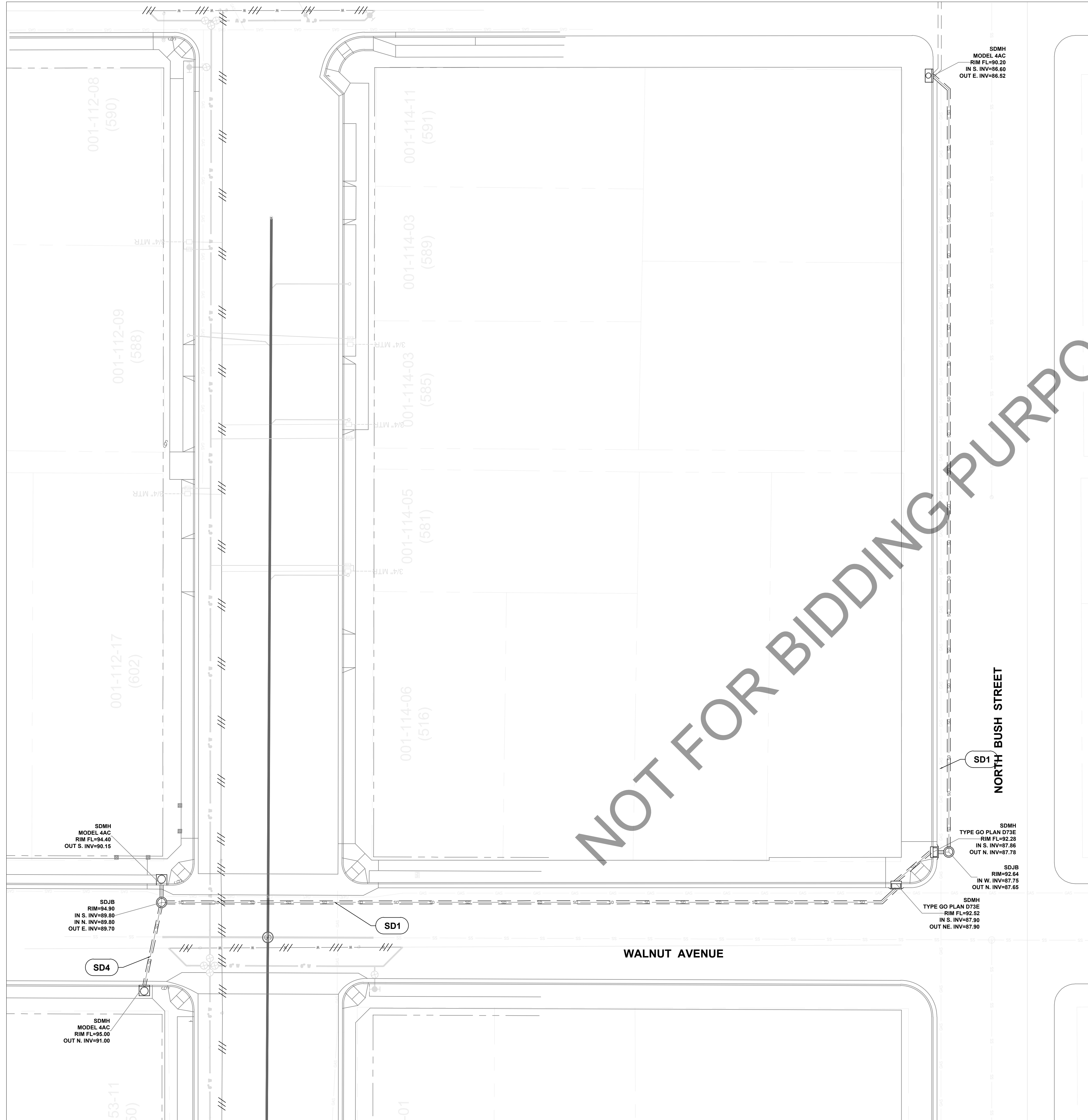
S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2018\SPEC 19-01 DORA RECONSTRUCTION\PLANS AND SPEC\SPEC 19-01 DORA UTILITY IMPROVEMENT.DWG



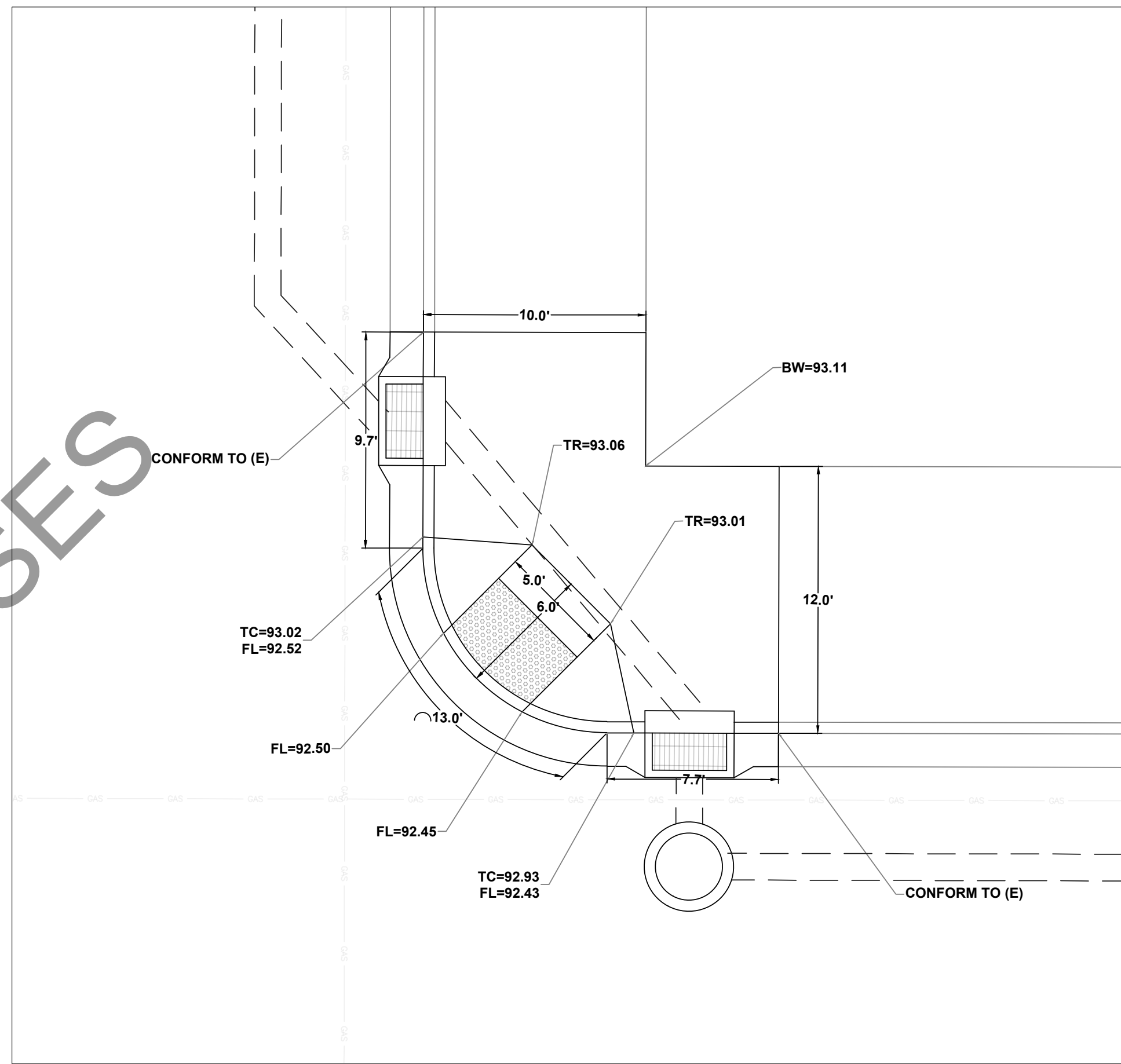
-
- NOT FOR BIDDING**
- WEST CLAY STREET**
- NORTH DORA STREET**
- SOUTH BUSH STREET**
- 001-268-03 (388)
- 002-252-01
- 002-254-07 (395)
- 002-254-08 (414)
- 002-254-09 (400)
- 002-255-02
- SD1
- SD2
- SD2
- SD3
- 408 D-4
- 425 D-4
- 408 D-4
- 406 D-3
- 2 D-4
- SDMH
RIM FL=109.32
18" HDPE INV IN=101.41
24" HDPE INV OUT=100.91
- SDMH
MODEL 4AC
RIM FL=109.31
18" OUT N=101.91
- SDMB
ANGLE POINT
EOM=105.75
24" HDPE INV IN=99.75
24" HDPE INV OUT=99.75
- CONNECT TO EXISTING DI
RIM=91.19
24" HDPE INV IN= 92.27
(24" HDPE INV OUT=92.27)
- 1+00 2+00 3+00 4+00 5+00 6+00
- 20' 0' 20' 40' 60'
- GRAPHIC SCALE: 1" = 20'

PLAN
SCALE : 1" = 20'

DRAWN: A.R.S.	CHECKED T.E.	JOB NUMBER SPEC	DRAWING
------------------	-----------------	--------------------	---------

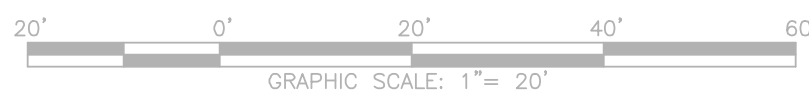


PLAN
SCALE : 1" = 20'



WALNUT AVENUE AND N. BUSH STREET
(NORTHWEST CORNER)
SCALE 1"=5'

- SD1 INSTALL 18" STORM DRAIN - CORRUGATED HDPE PIPE PER CITY STD.
- SD2 INSTALL 24" STORM DRAIN - CORRUGATED HDPE PIPE PER CITY STD.
- SD3 CONNECT 24" STORM DRAIN INTO EXISTING CATCH BASIN
- SD4 INSTALL 12" STORM DRAIN - CORRUGATED HDPE PIPE PER CITY STD.



DRAWN:
A.R.S.

CHECKED BY:
T.E.

JOB NUMBER:
SPEC NO.19-01

DRAWING FILE:
S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2018\SPEC 19-01 DORA RECONSTRUCTION\PLANS AND SPEC\SPEC 19-01 DORA UTILITY IMPROVEMENT.DWG

CITY OF UKIAH



300 Seminary Avenue
Ukiah, CA 95482

DORA STREET UTILITY IMPROVEMENT PROJECT

Project

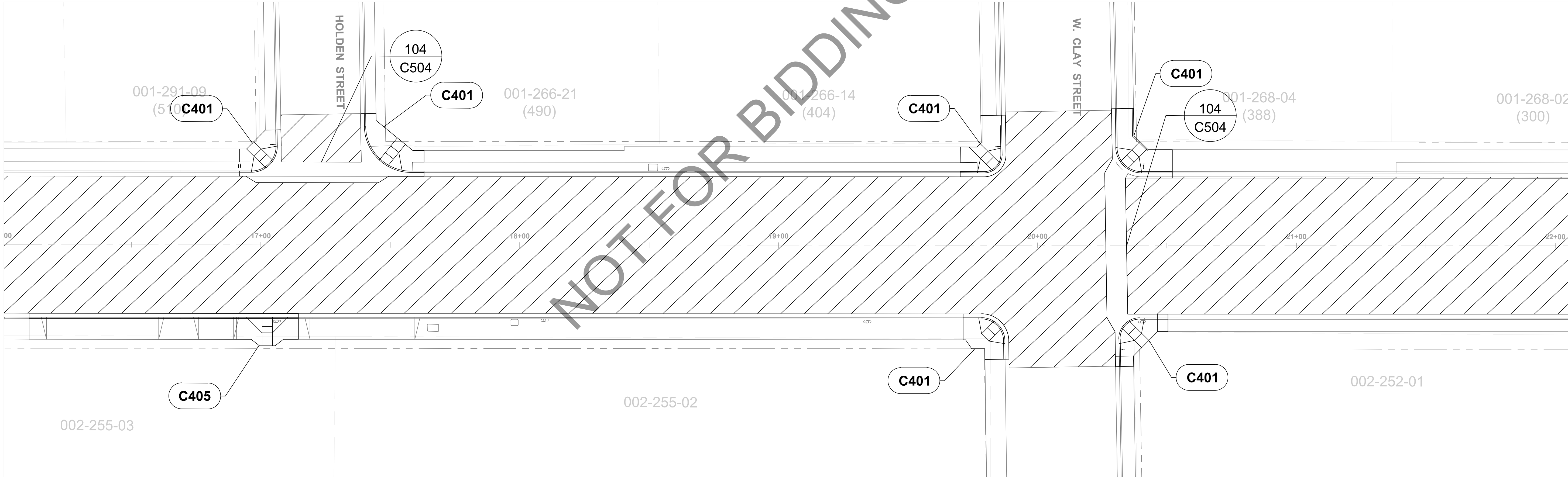
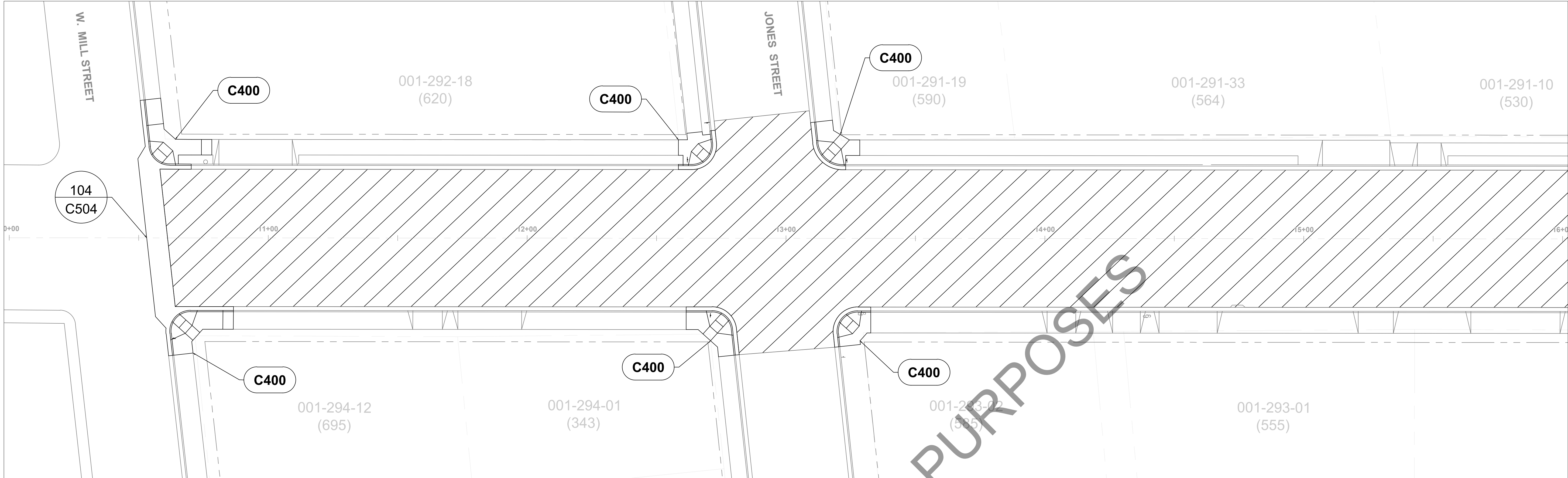
UTILITY PLAN & PROFILE
W. CLAY ST. STA 0+50 TO 6+50

PLAN

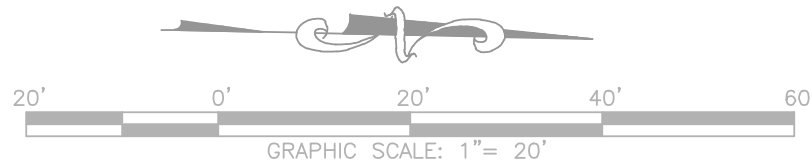
ORIGINAL SIZE:
AS SHOWN

DATE:
JANUARY 2021

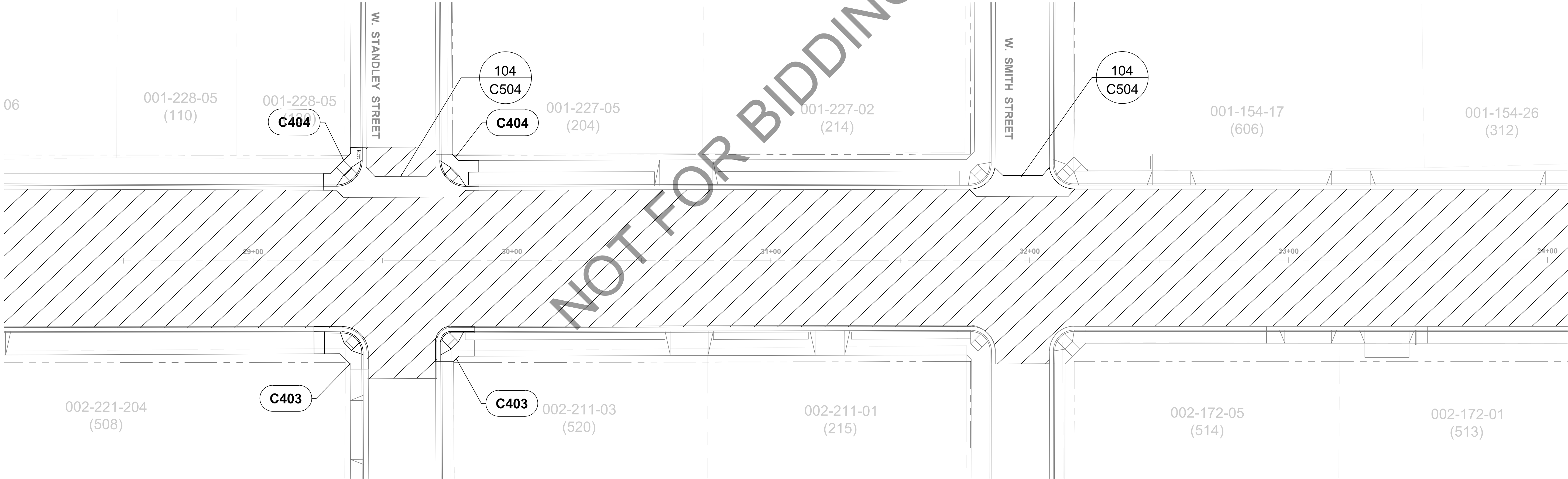
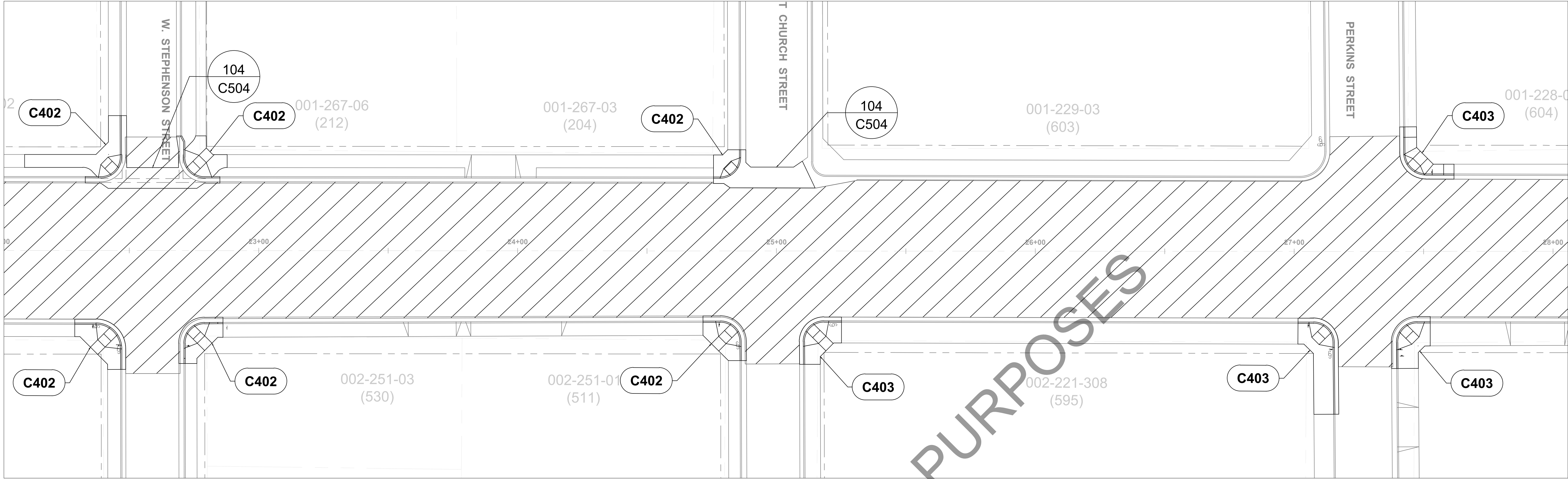
DRAWING NUMBER:
U-109



- C4XX** CONSTRUCTION DETAILS FOR CURB RAMP
- 104 C504** STANDARD DETAIL FOR CONSTRUCTION OF VALLEY GUTTER
-  PAVEMENT COVERAGE
6"AC / 12" BASE

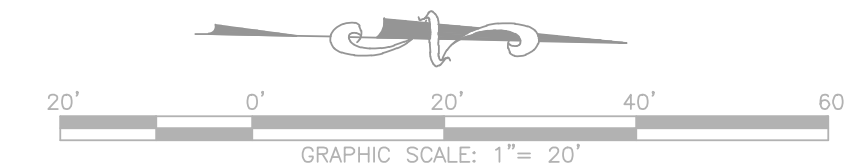


ORIGINAL SIZE: AS SHOWN DATE: JANUARY 2021 DRAWING NUMBER: P-100	
DORA STREET UTILITY IMPROVEMENT PROJECT	
IMPROVEMENT PLAN	
Project	PLAN
CITY OF UKIAH 300 Seminary Avenue Ukiah, CA 95482	
DRAWN: A.R.S. CHECKED BY: T.E. JOB NUMBER: SPEC NO19-01 DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2019\SPEC 19-01 DORA RECONSTRUCTION\PLANS AND SPEC\SPEC 19-01 DORA UTILITY IMPROVEMENT.DWG	

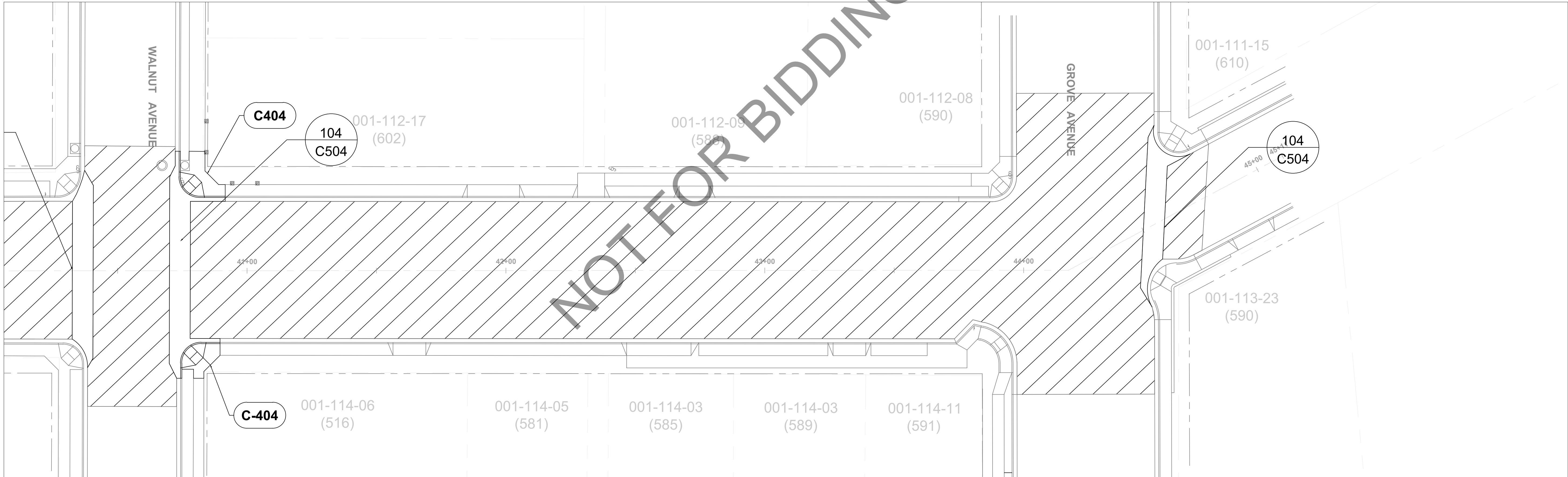
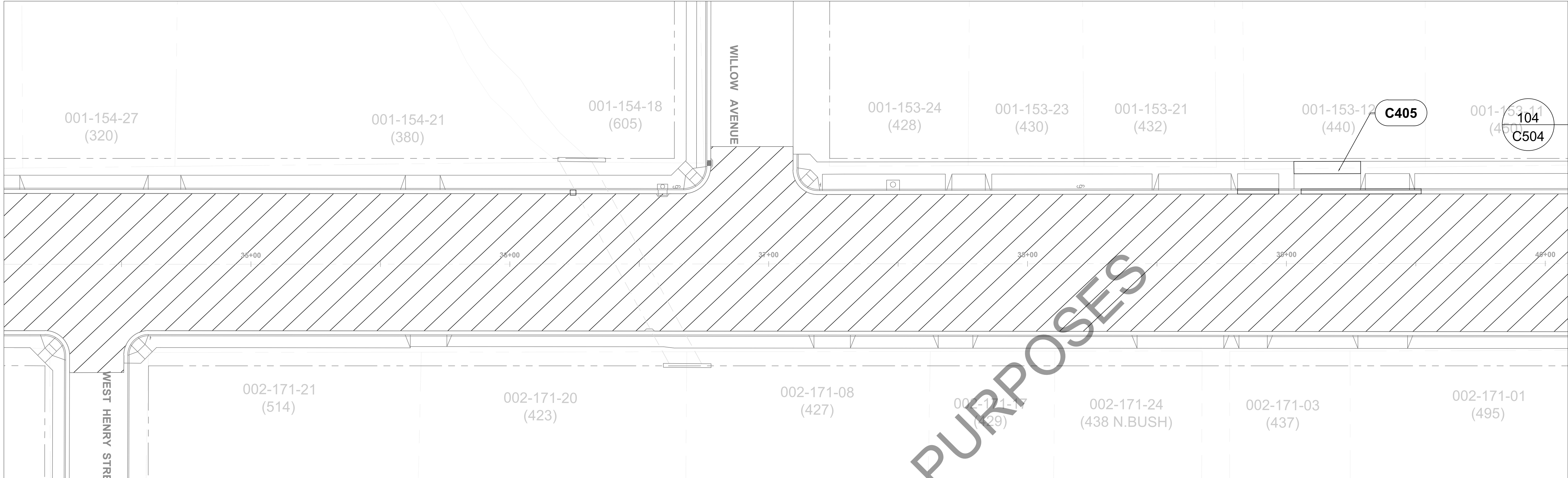


C4XX CONSTRUCTION DETAILS FOR CURB RAMP

 PAVEMENT COVERAGE
6" AC / 12" BASE

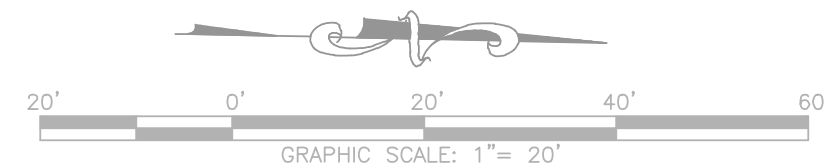


ORIGINAL SIZE: AS SHOWN DATE: JANUARY 2021 DRAWING NUMBER: C-101	
DORA STREET UTILITY IMPROVEMENT PROJECT	
IMPROVEMENT PLAN	
Project	PLAN
CITY OF UKIAH 300 Seminary Avenue Ukiah, CA 95482	
	
DRAWN: A.R.S.	CHECKED BY: T.E.
JOB NUMBER: SPEC NO19-01	
DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2019\SPEC 19-01 DORA RECONSTRUCTION\PLANS AND SPEC\SPEC 19-01 DORA UTILITY IMPROVEMENT.DWG	

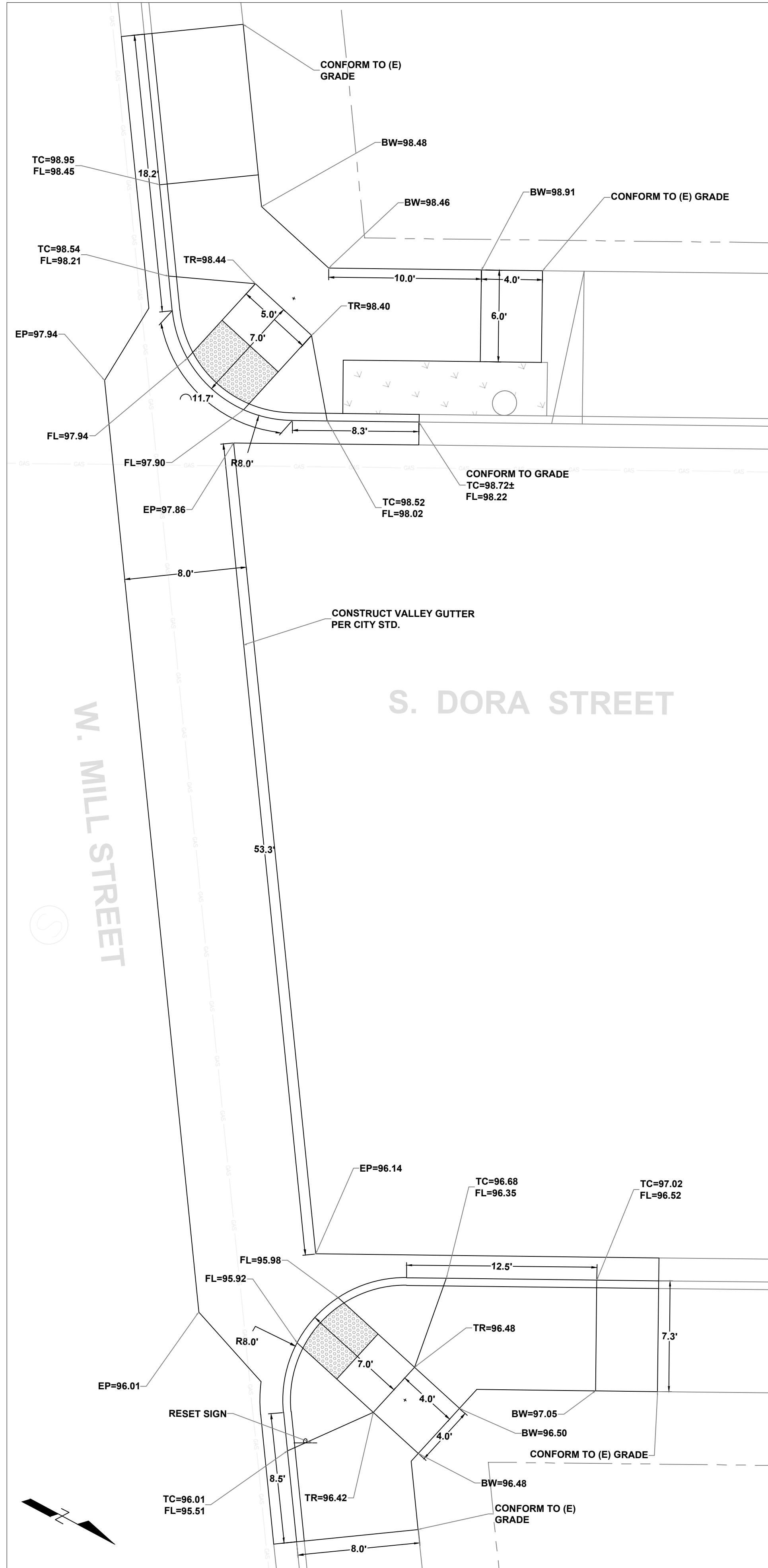


C4XX CONSTRUCTION DETAILS FOR CURB RAMP

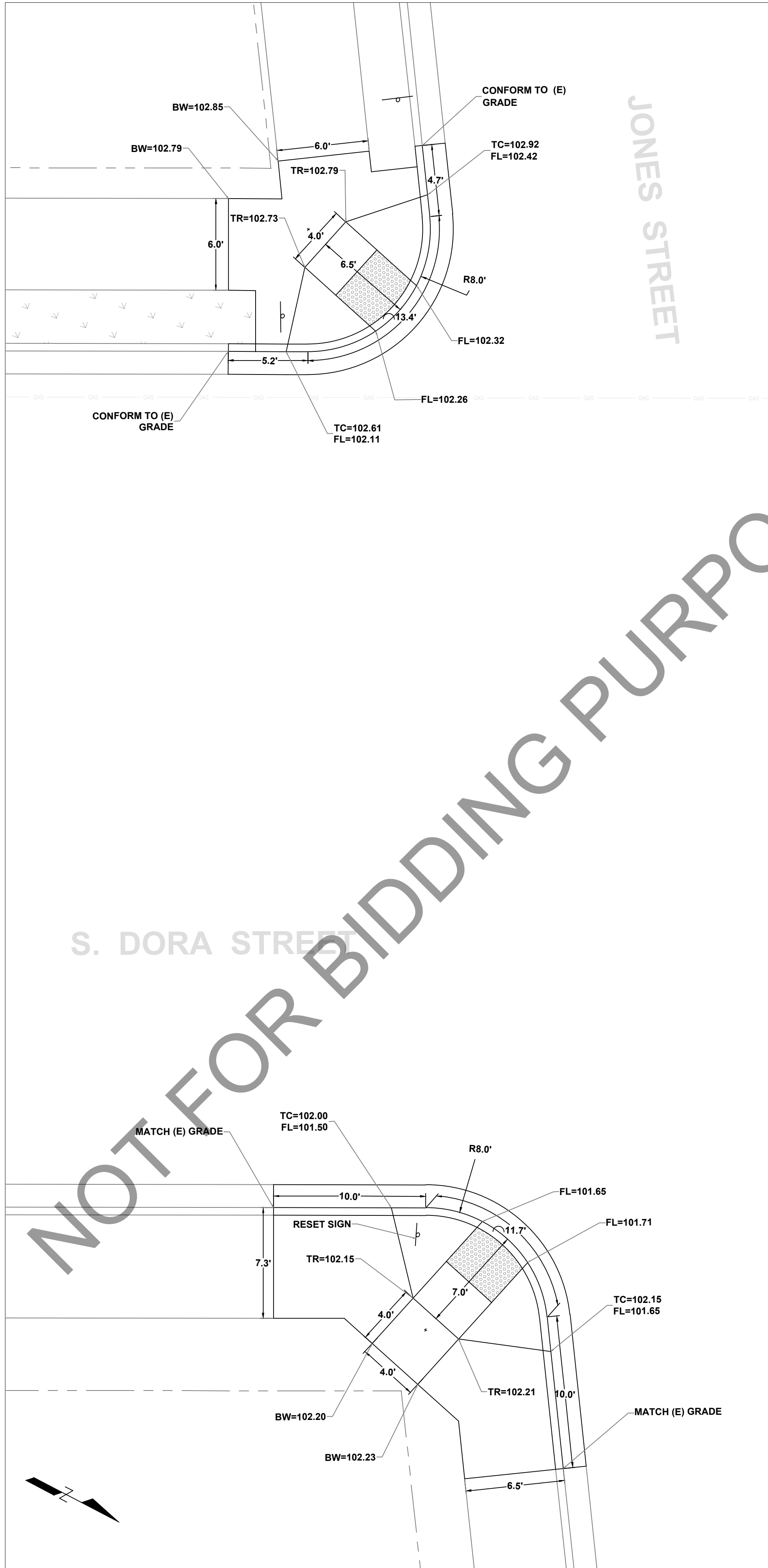
 PAVEMENT COVERAGE
6"AC / 12" BASE



ORIGINAL SIZE: AS SHOWN DATE: JANUARY 2021 DRAWING NUMBER: C-102	
DORA STREET UTILITY IMPROVEMENT PROJECT	
IMPROVEMENT PLAN	
Project	PLAN
CITY OF UKIAH 300 Seminary Avenue Ukiah, CA 95482	
	
DRAWN: A.R.S.	CHECKED BY: T.E.
JOB NUMBER: SPEC NO19-01	DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2019\SPEC 19-01 DORA RECONSTRUCTION\PLANS AND SPEC\SPEC 19-01 DORA UTILITY IMPROVEMENT.DWG



S. DORA STREET AT W. MILL STREET
(NORTHSIDE CORNERS)
SCALE 1"=5'



S. DORA STREET AT JONES STREET
(SOUTHSIDE CORNERS)
SCALE 1"=5'



S. DORA STREET AT JONES STREET
(NORTHSIDE CORNERS)
SCALE 1"=5'

ORIGINAL SIZE:
AS SHOWN
DATE: JANUARY 2021
DRAWING NUMBER:
C-400

DORA STREET UTILITY IMPROVEMENT PROJECT

CURB RAMPS DETAILS

Project
PLAN

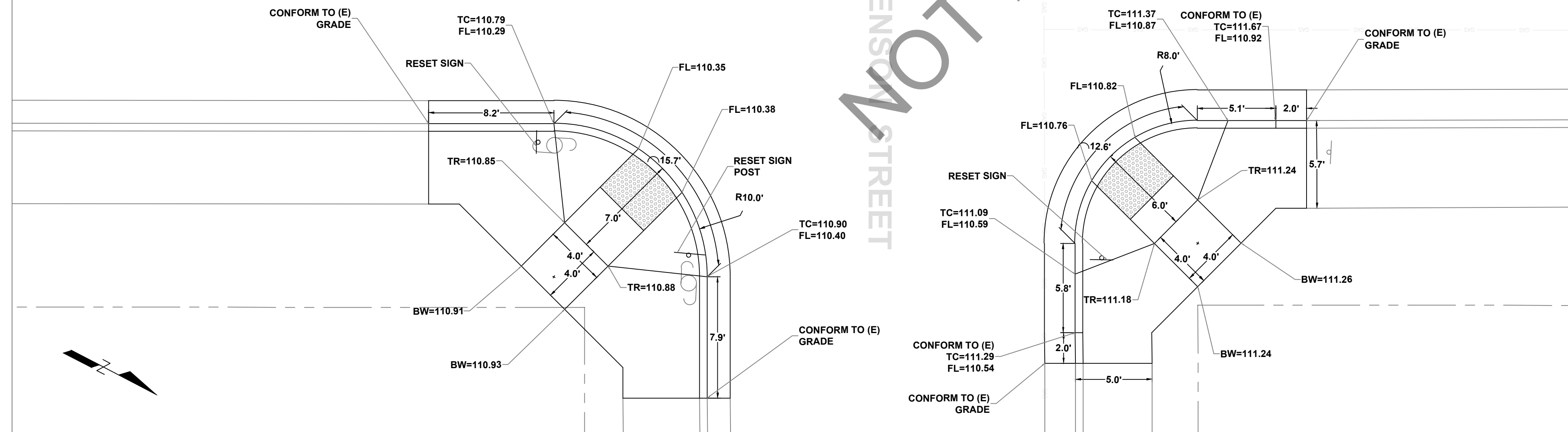
CITY OF UKIAH
300 Seminary Avenue
Ukiah, CA 95482

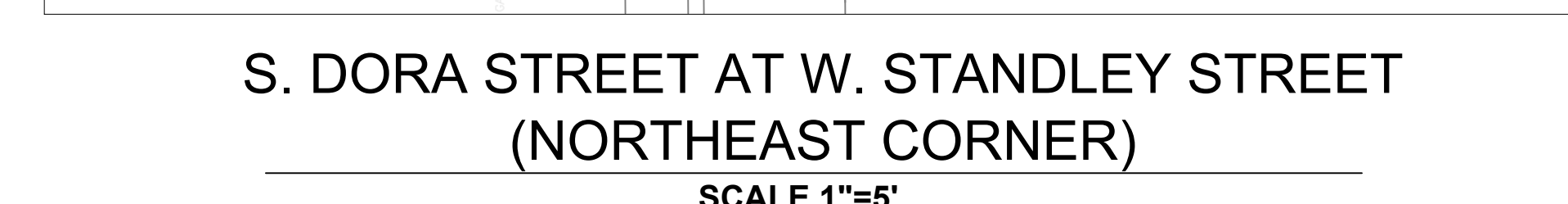
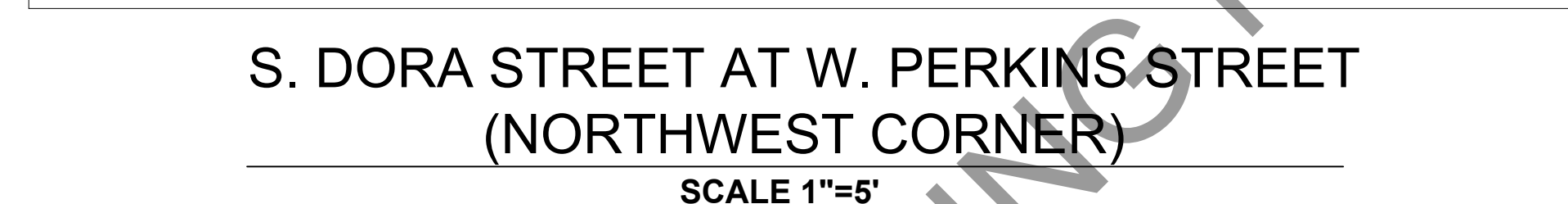
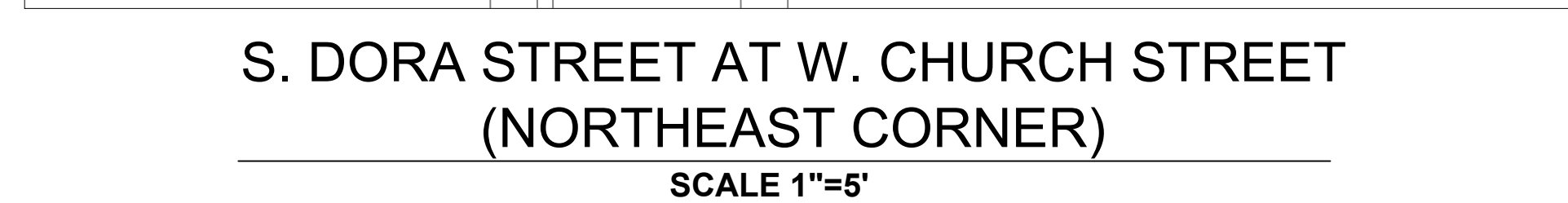


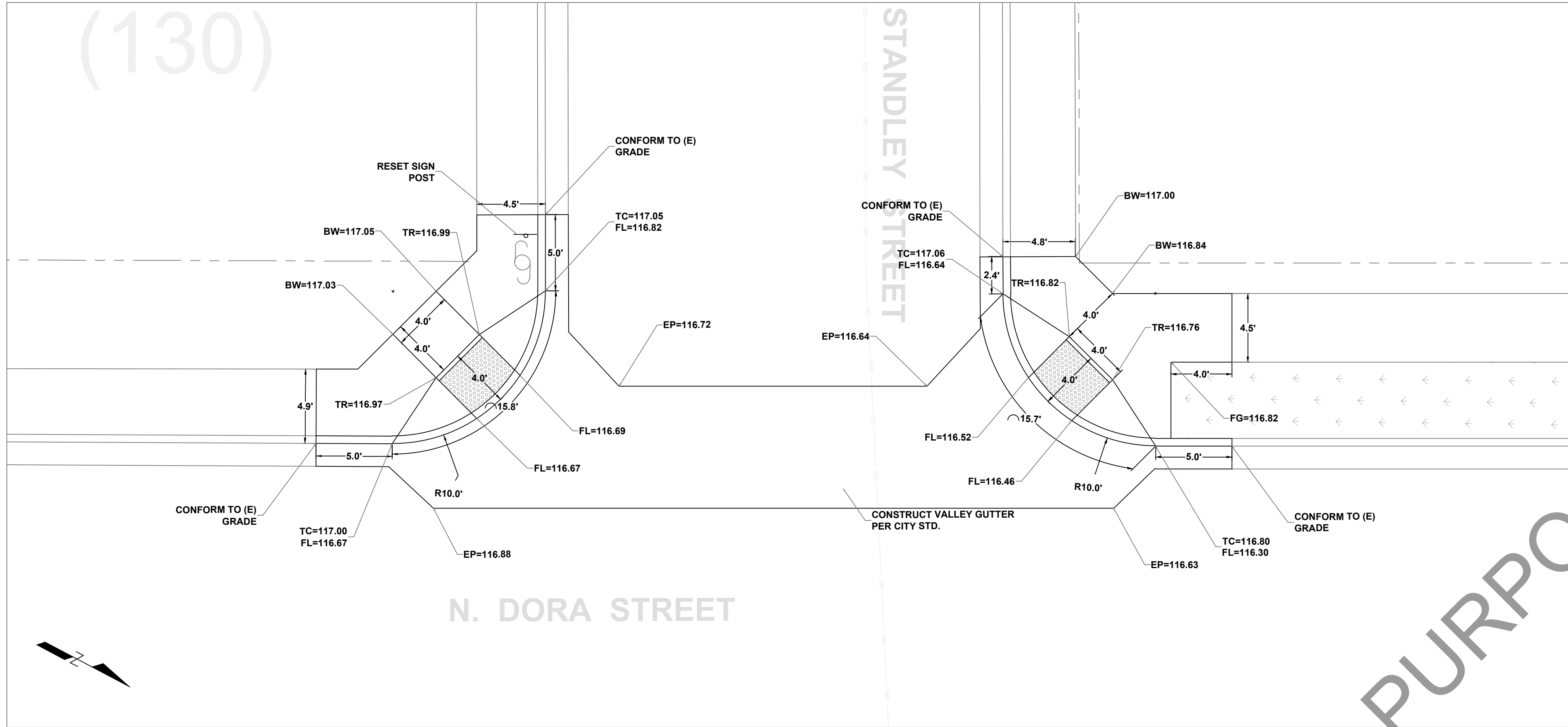
DRAWN:
A.R.S.
CHECKED BY:
T.E.
JOB NUMBER:
SPEC NO. 19-01
DRAWING FILE:
S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2019\SPEC 19-01 DORA RECONSTRUCTION\PLANS AND SPEC\SPEC 19-01 DORA UTILITY IMPROVEMENT.DWG



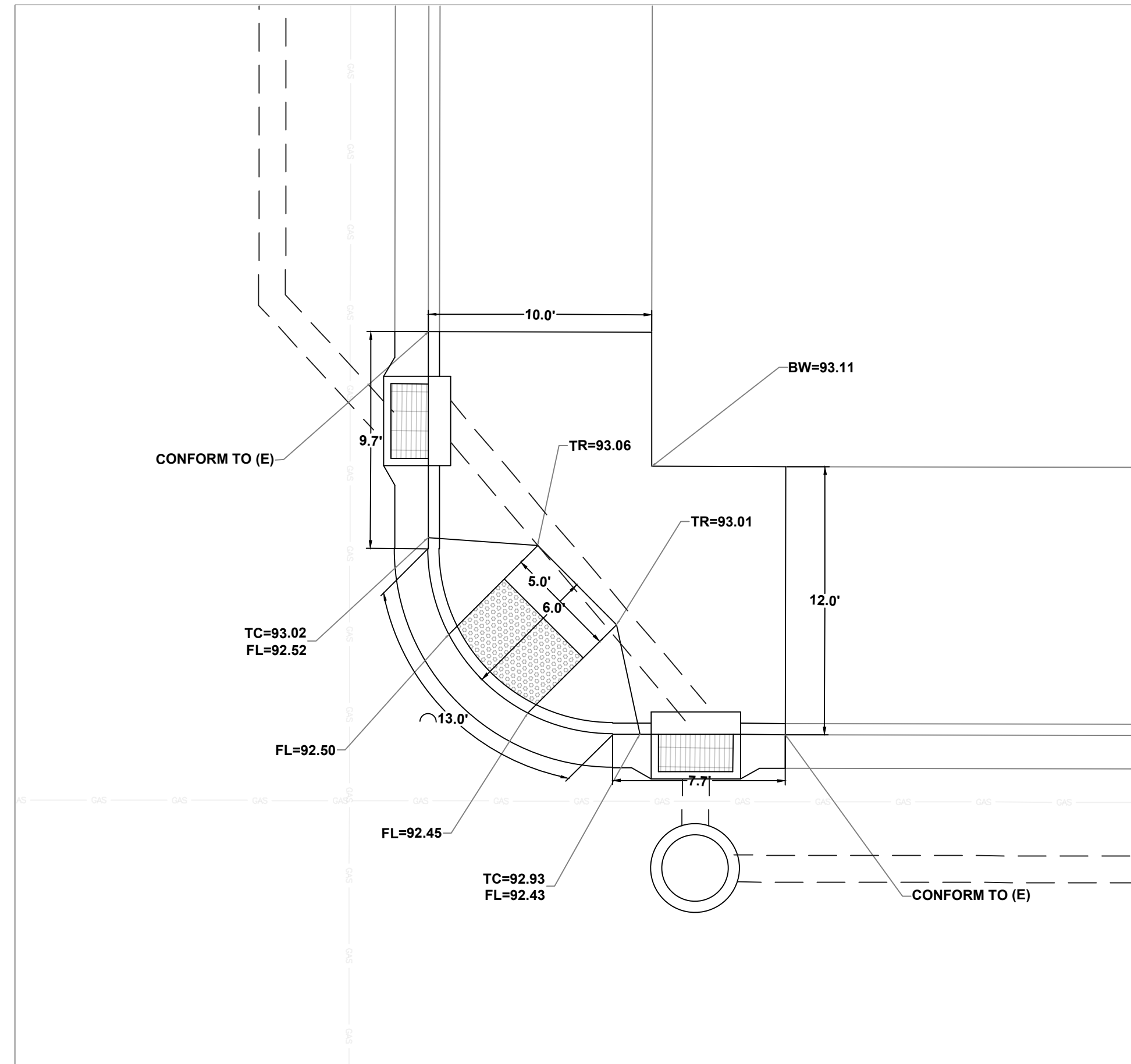
Page 418 of 69



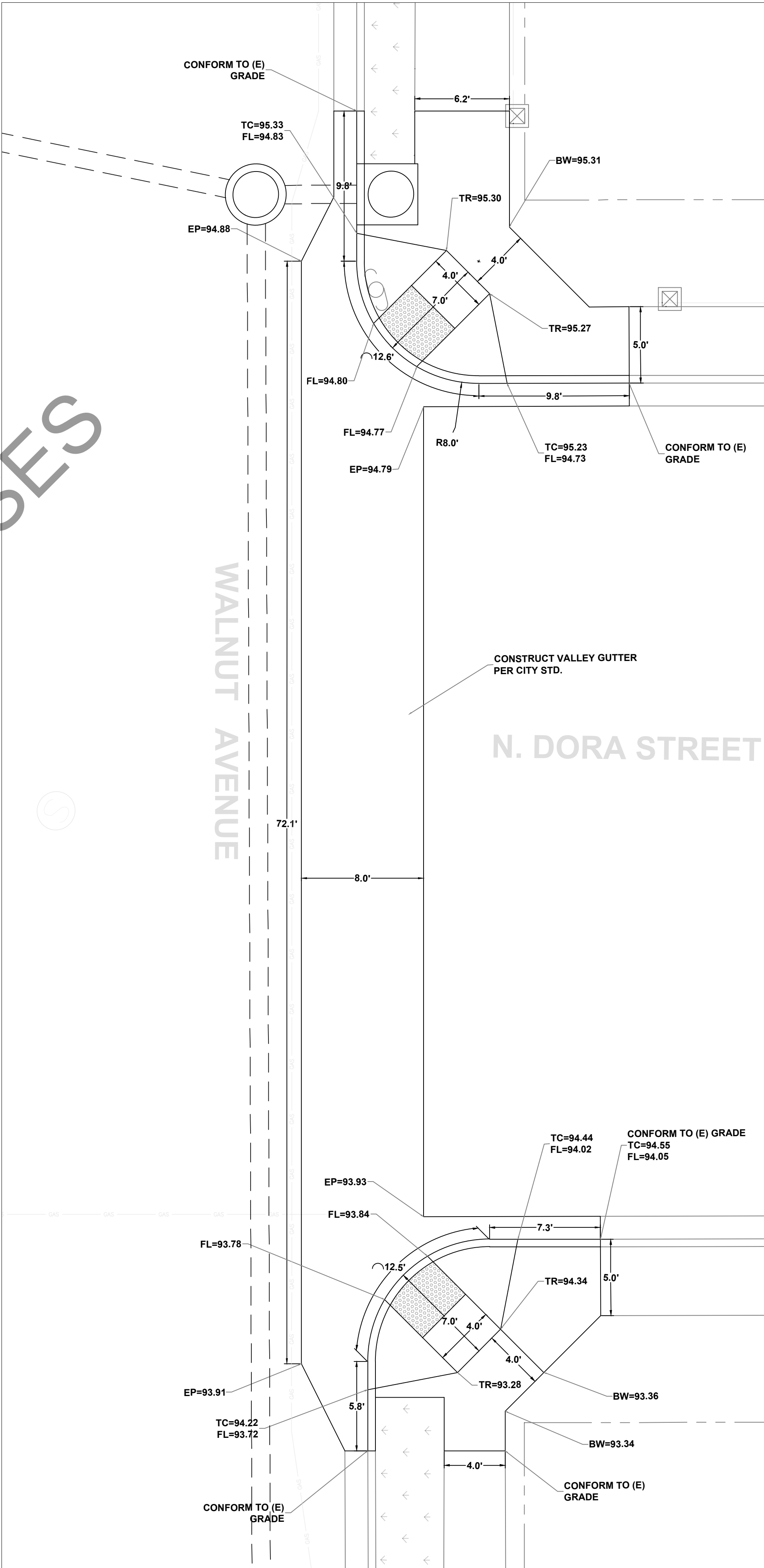




S. DORA STREET AT W. STANDLEY STREET
(WESTSIDE CORNERS)
SCALE 1"=5'



WALNUT AVENUE AND N. BUSH STREET
(NORTHWEST CORNER)
SCALE 1"=5'



S. DORA STREET AT WALNUT AVENUE
(NORTHSIDE CORNERS)
SCALE 1"=5'

NOT FOR BIDDING PURPOSES

ORIGINAL SIZE:
AS SHOWN
DATE: JANUARY 2021
DRAWING NUMBER:
C-404

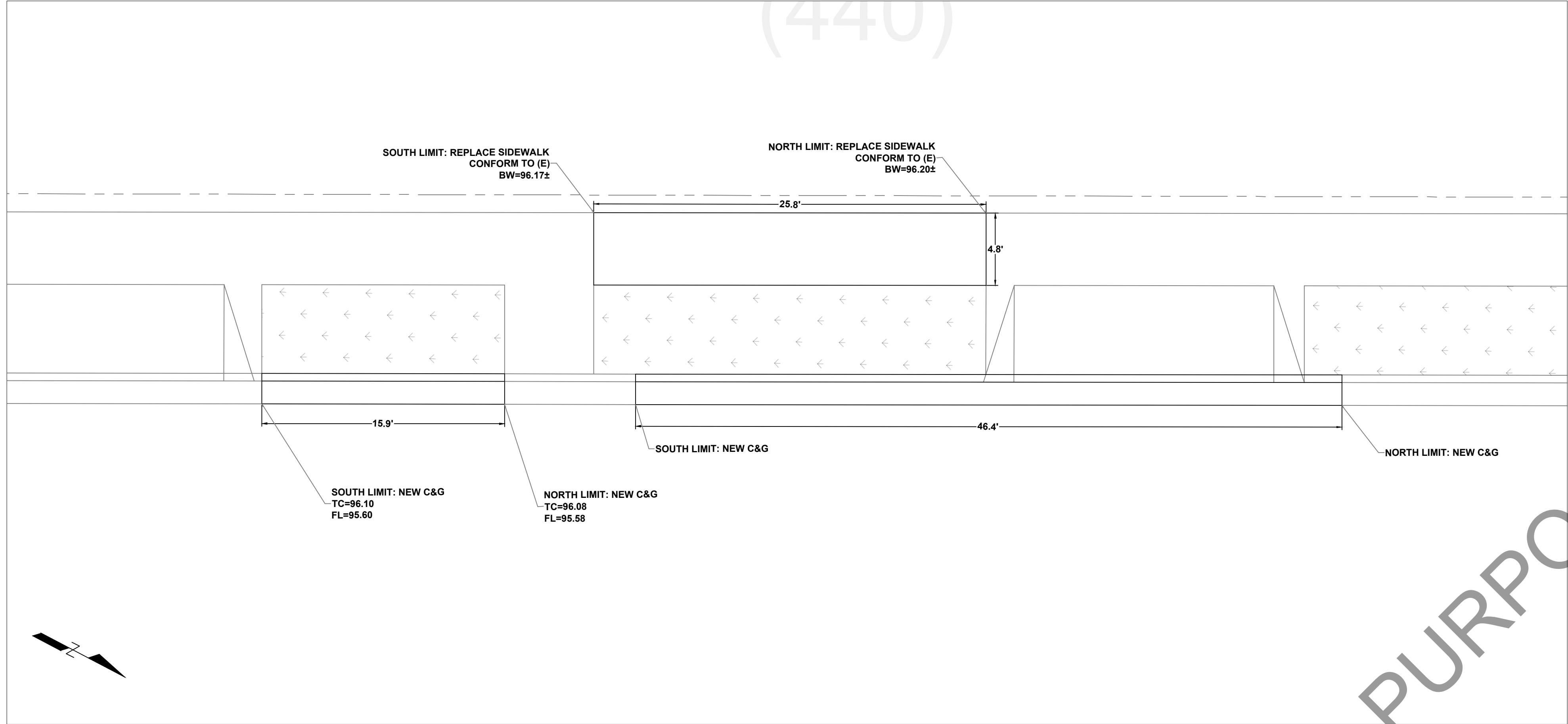
DORA STREET UTILITY IMPROVEMENT PROJECT

CURB RAMPS DETAILS

Project PLAN

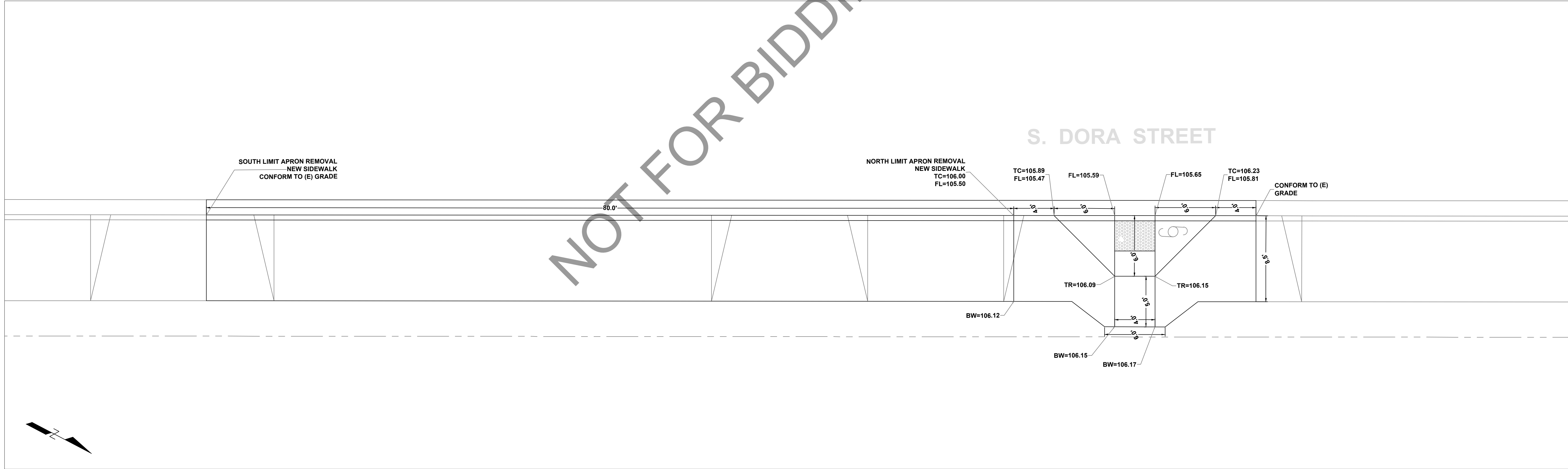
CITY OF UKIAH
300 Seminary Avenue
Ukiah, CA 95482

DRAWN: A.R.S.
CHECKED BY: T.E.
JOB NUMBER: SPEC NO.19-01
DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2019\SPEC 19-01 DORA RECONSTRUCTION\PLANS AND SPEC\SPEC 19-01 DORA UTILITY IMPROVEMENT.DWG



440 NORTH DORA STREET
(WESTSIDE ROAD)

SCALE 1"=5'



S. DORA STREET AT HOLDEN STREET
(EASTSIDE STREET)

SCALE 1"=5'

ORIGINAL SIZE:
AS SHOWN
DATE: JANUARY 2021
DRAWING NUMBER:
C-405

DORA STREET UTILITY IMPROVEMENT PROJECT

CURB RAMPS DETAILS

Project

PLAN

CITY OF UKIAH

**300 Seminary Avenue
Ukiah, CA 95482**



DRAWN:

A.R.S.

CHECKED BY:

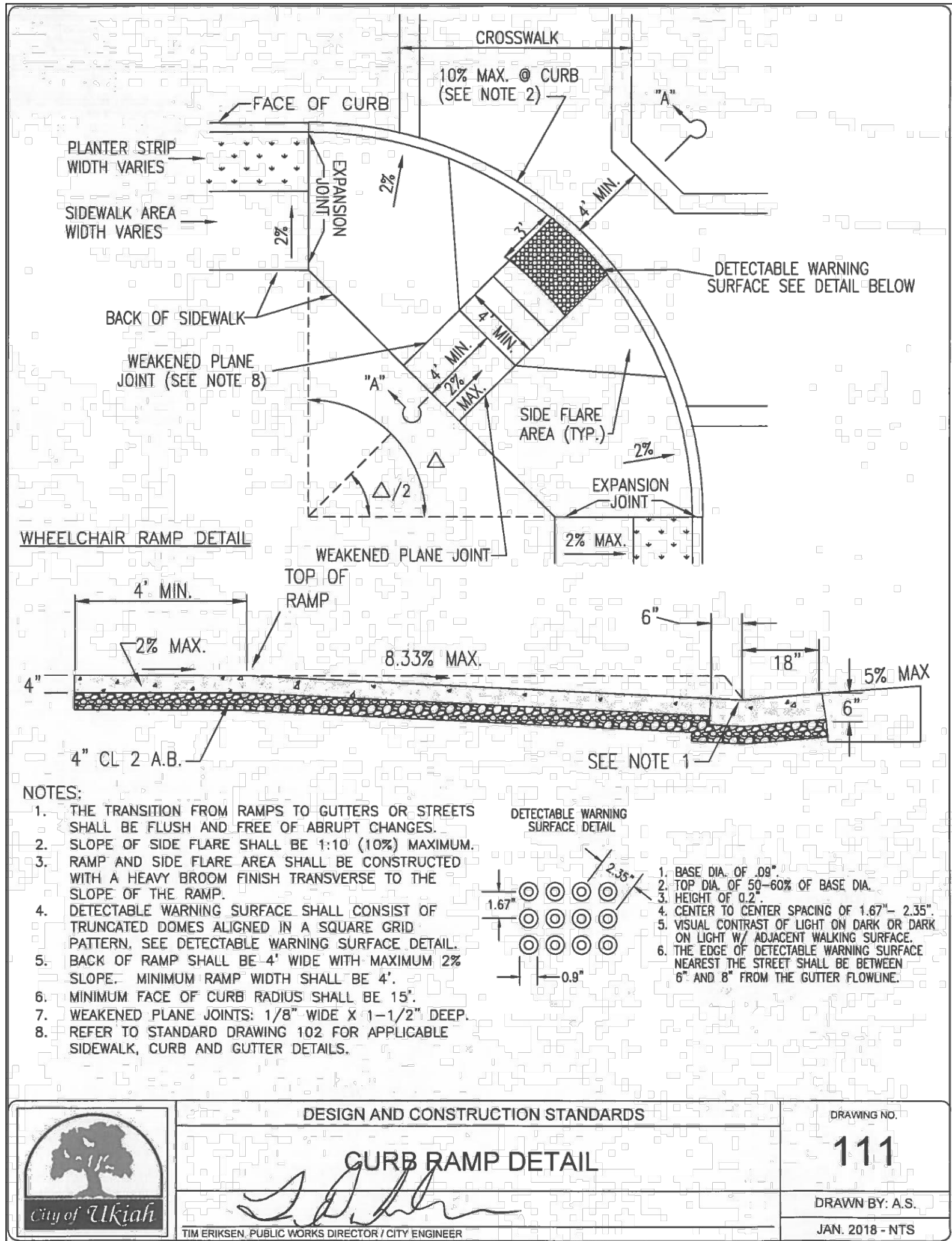
T.E.

JOB NUMBER:

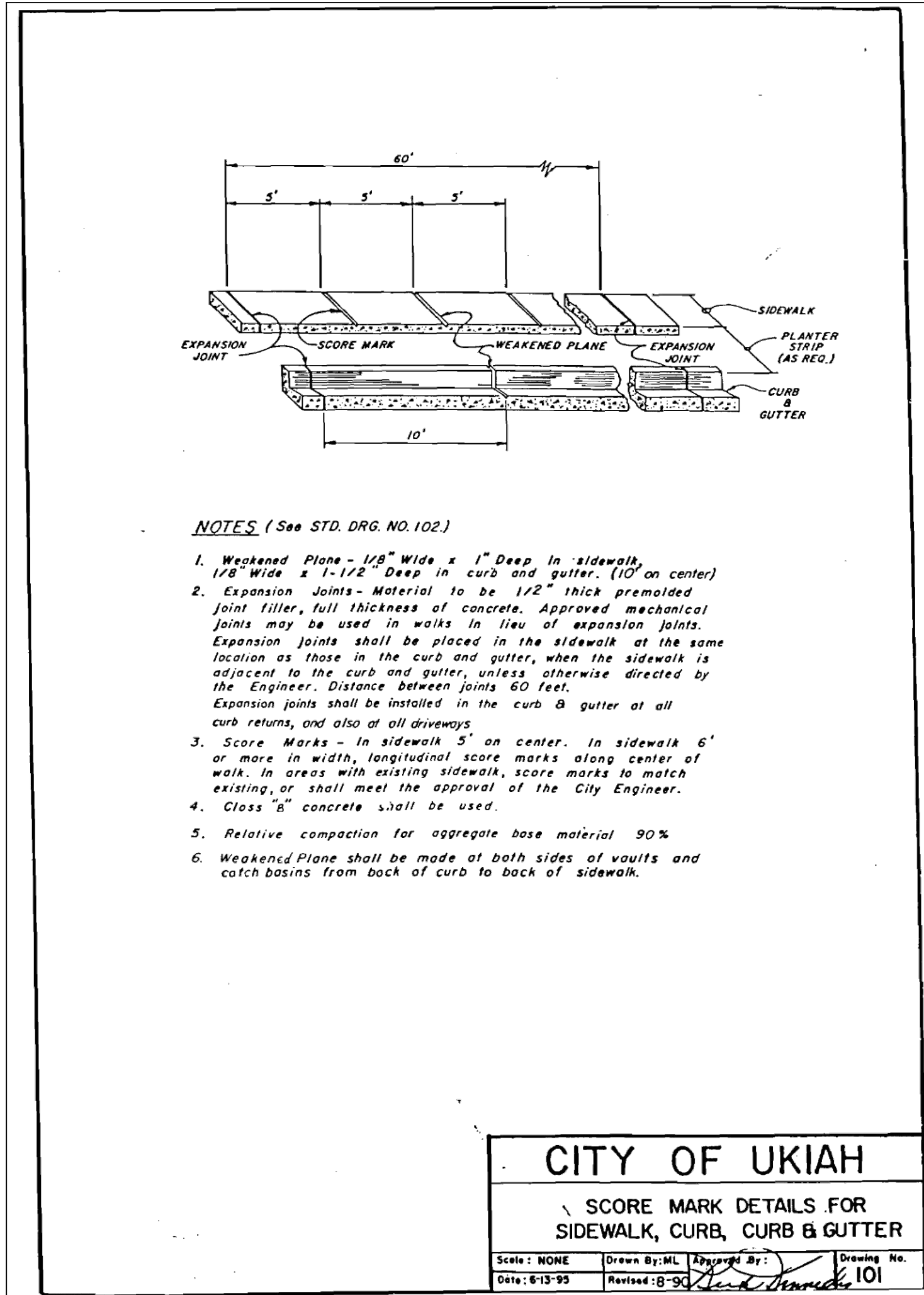
SPEC NO.19-01

DRAWING FILE:

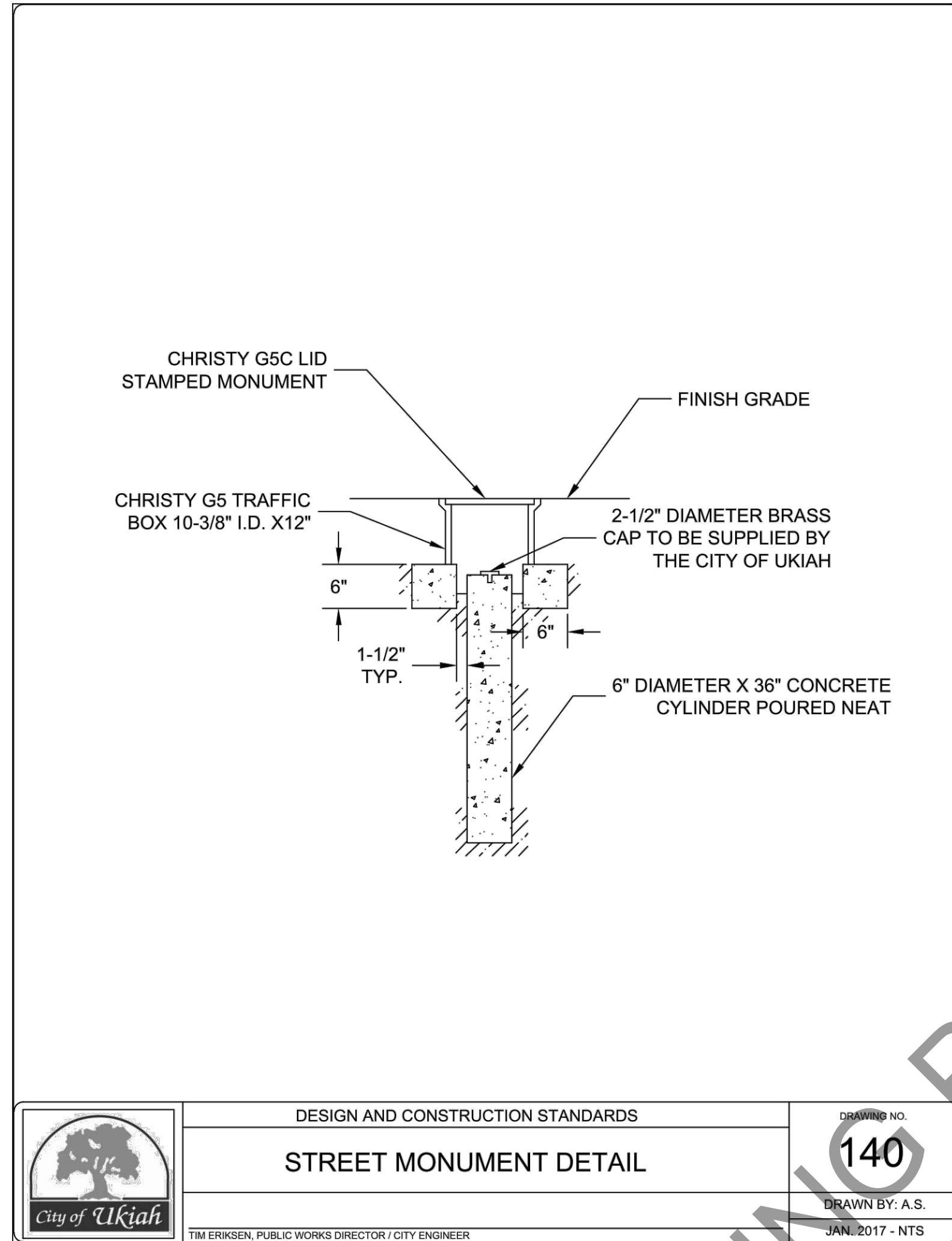
S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2019\SPEC 19-01 DORA RECONSTRUCTION\PLANS AND SPEC\SPEC 19-01 DORA UTILITY IMPROVEMENT.DWG



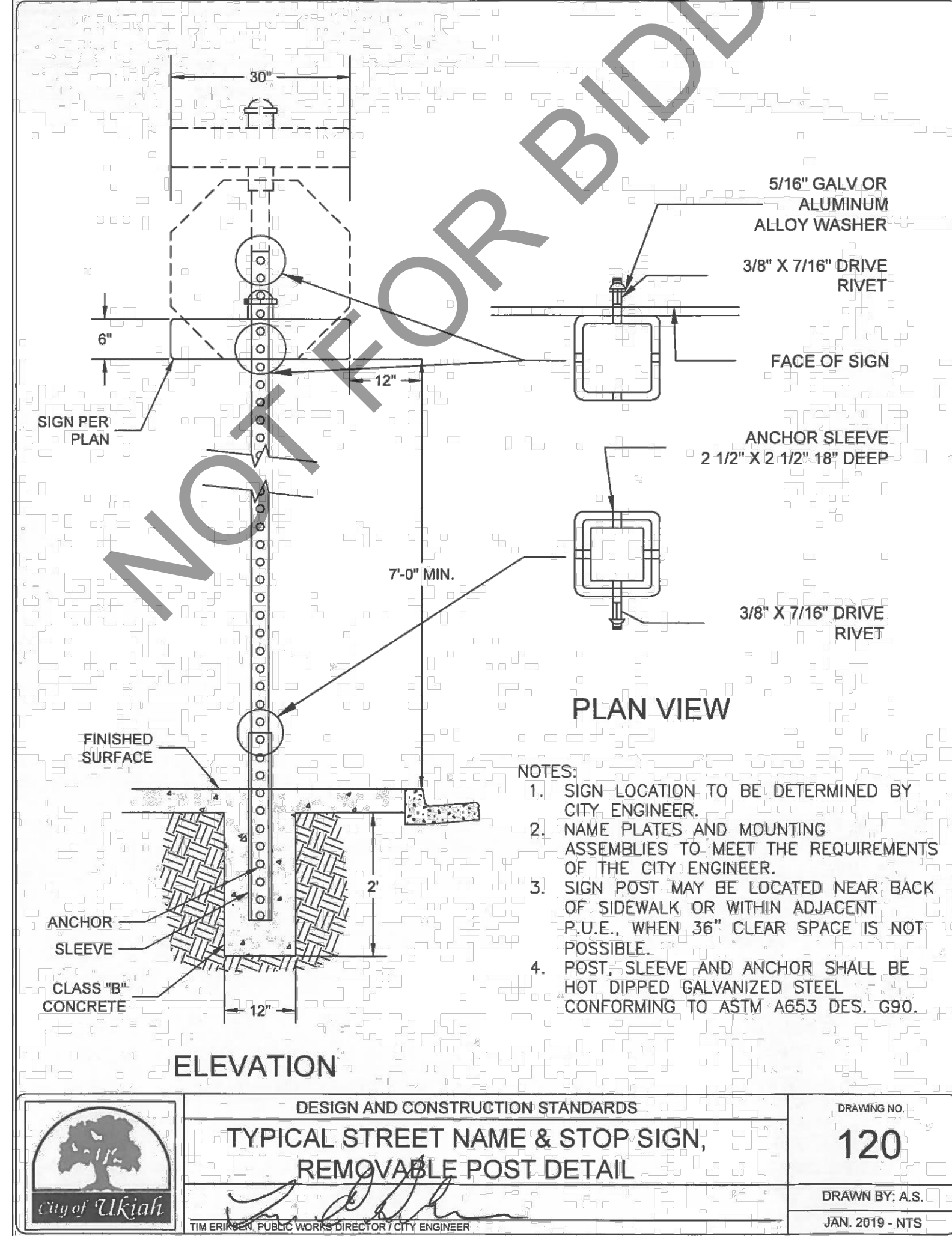
111 WHEELCHAIR RAMP



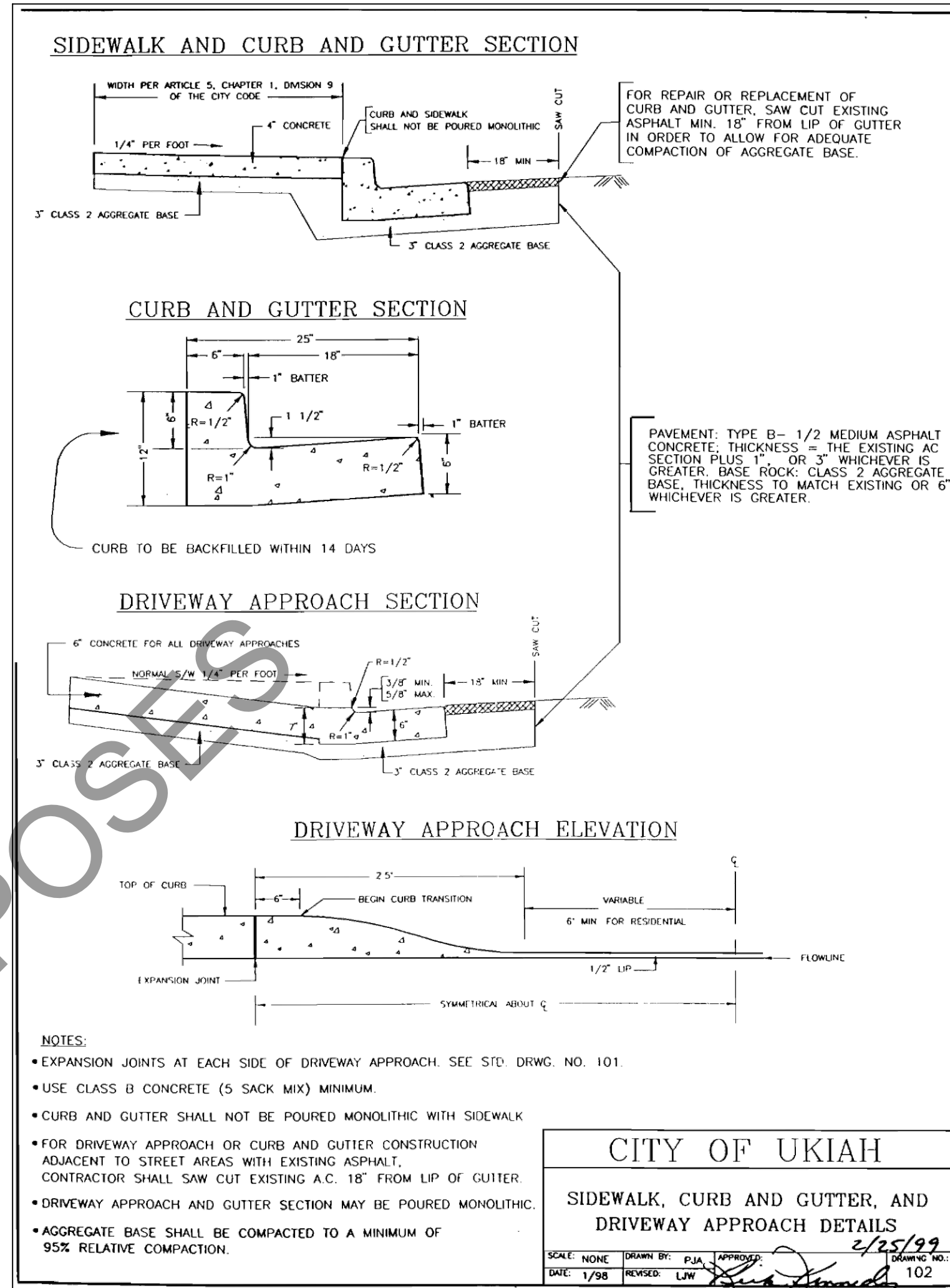
101 SCORE MARK FOR SIDEWALK, CURB & GUTTER



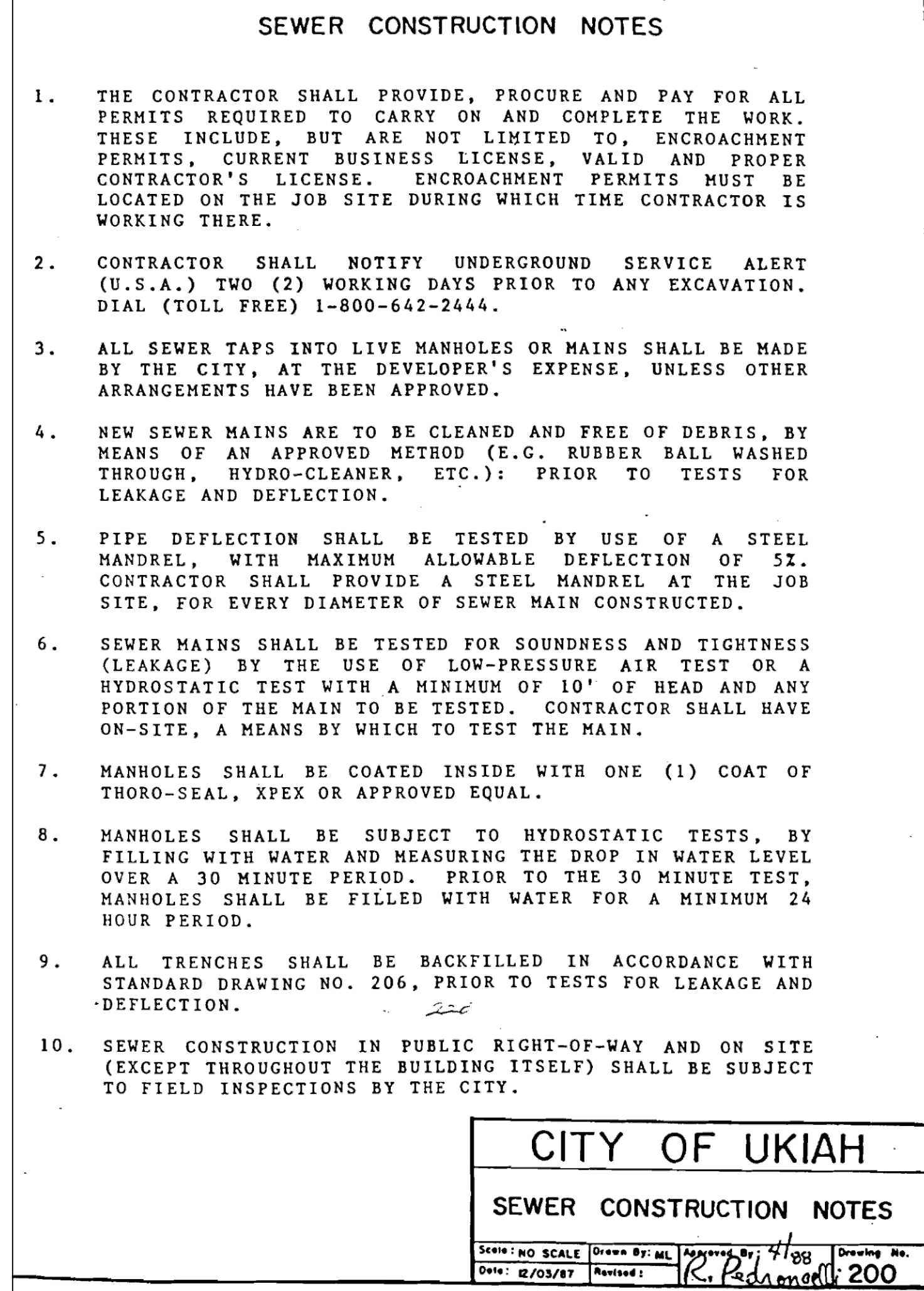
140 STREET MONUMENT



120 STREET NAME & STOP SIGN



102 SIDEWALK, CURB AND GUTTER, AND DRIVEWAY APPROACH



200 SEWER CONSTRUCTION NOTES

ORIGINAL SIZE:
AS SHOWN
DATE: JANUARY 2021
DRAWING NUMBER:
C-500

DORA STREET UTILITY IMPROVEMENT PROJECT

PLAN DETAILS

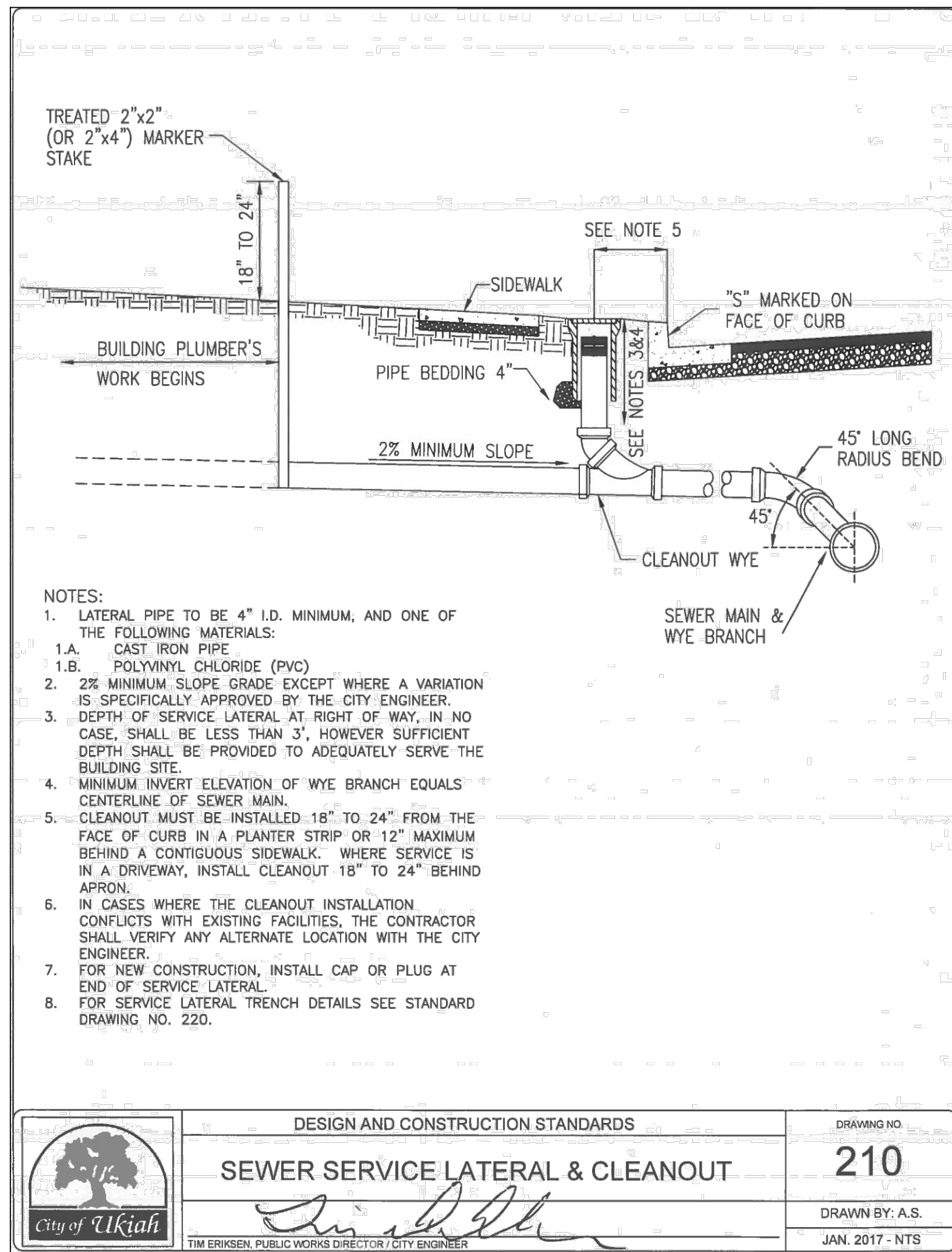
Project PLAN

CITY OF UKIAH

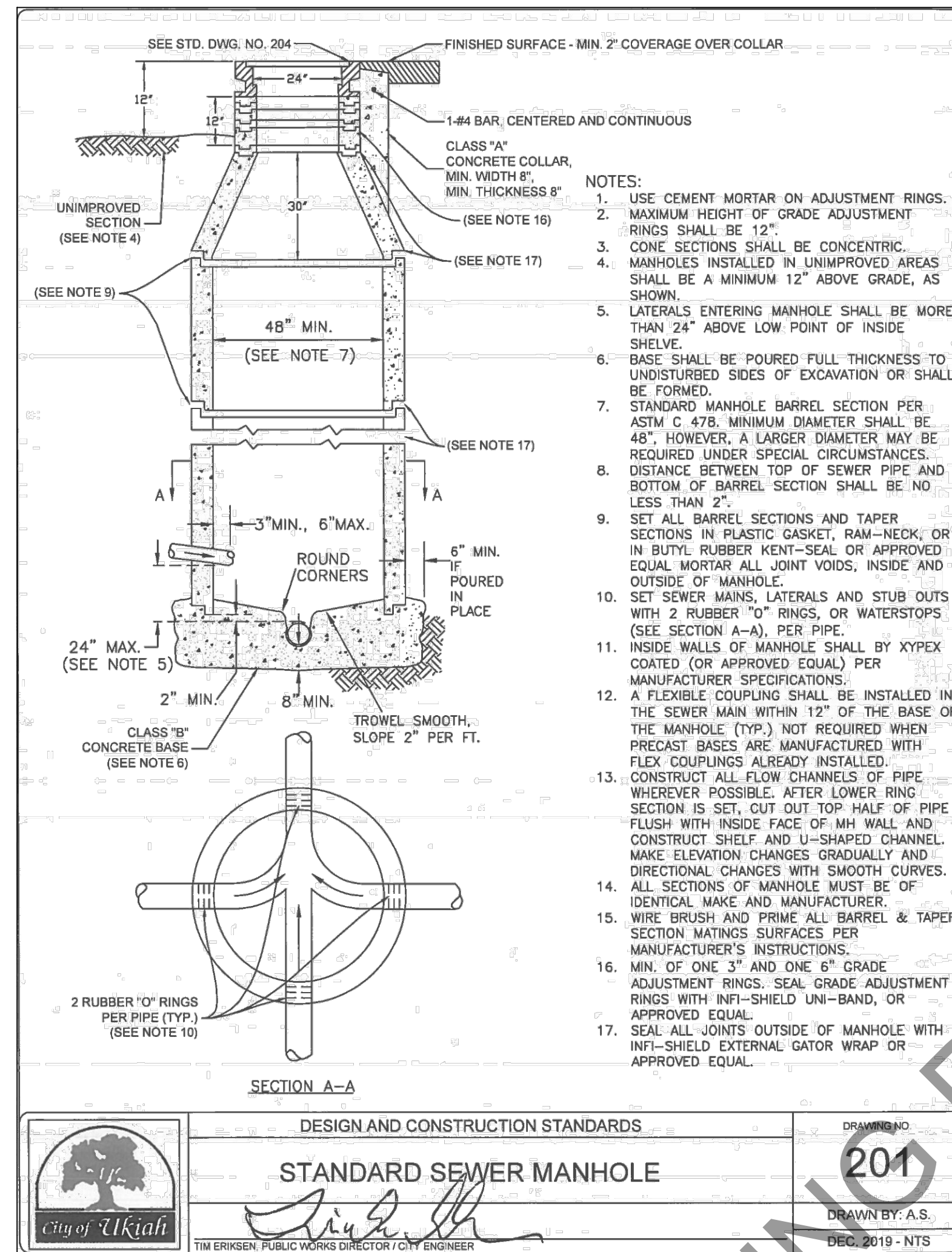
**300 Seminary Avenue
Ukiah, CA 95482**



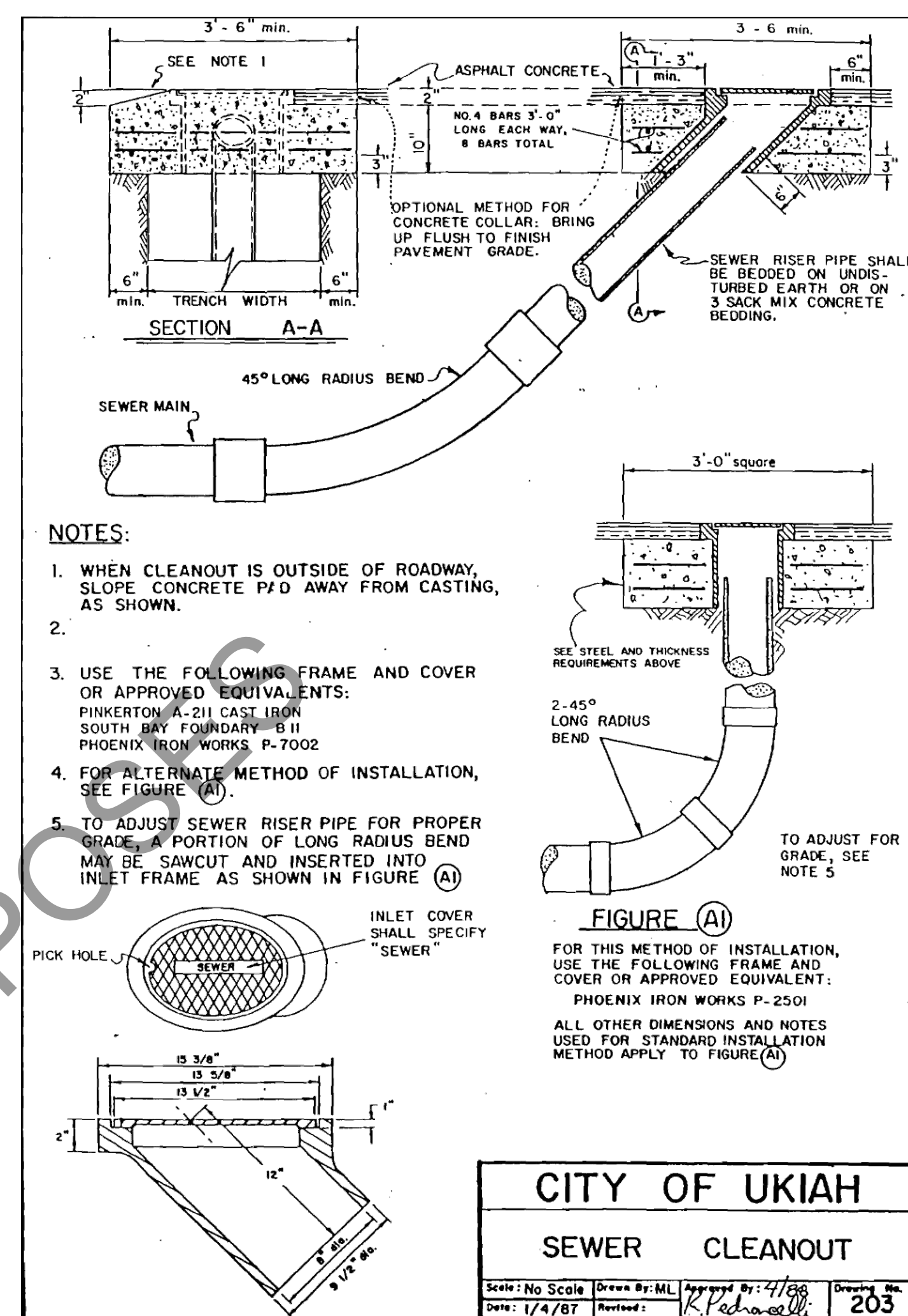
DRAWN:
A.S.
CHECKED BY:
T.E.
JOB NUMBER:
SPEC NO. 19-01
DRAWING FILE:
S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2019\19-01 DORA STREET UTILITY IMPROVEMENT.DWG



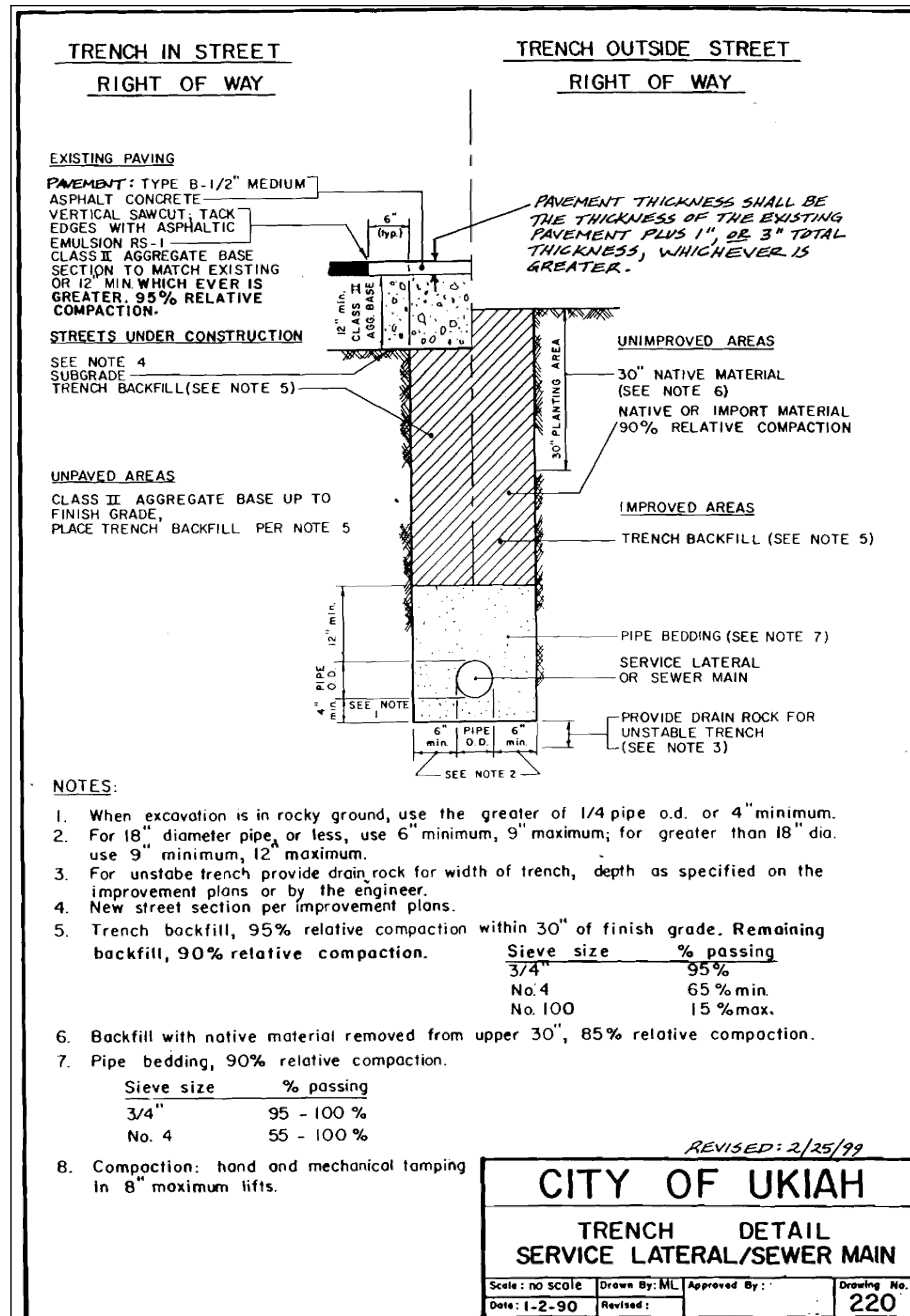
210 SEWER SERVICE LATERAL & CLEANOUT



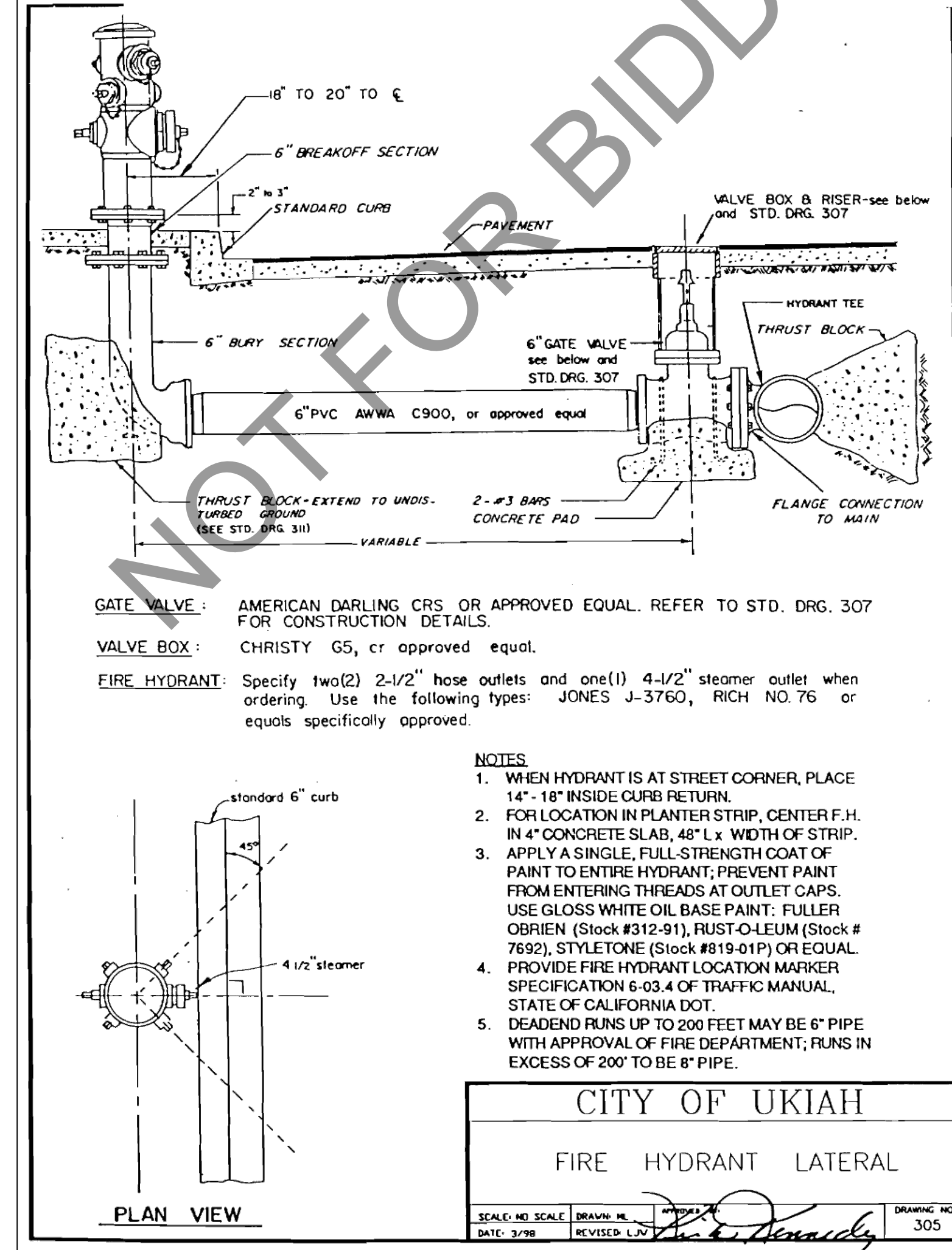
201 STANDARD SEWER MANHOLE



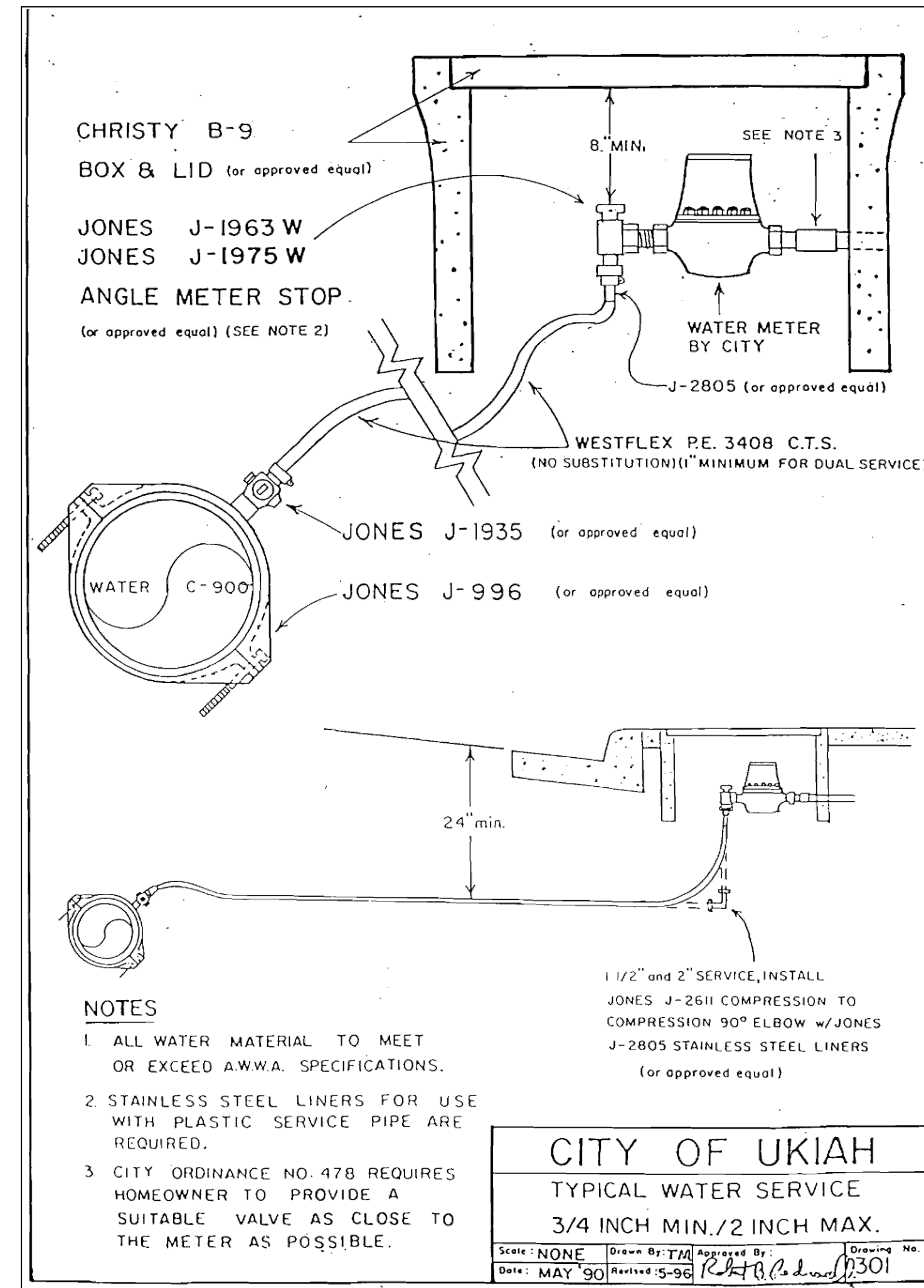
203 SEWER CLEANOUT



220 TRENCH DETAIL SERVICE LATERAL/SEWER MAIN



305 FIRE HYDRANT LATERAL



301 TYPICAL WATER SERVICE 3/4" MIN./2"

DORA STREET UTILITY IMPROVEMENT PROJECT

Project

CITY OF UKIAH

DRAWN: A.S.

CHECKED BY: T.E.

JOB NUMBER: SPEC NO. 19-01

DRAWING FILE:

S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\19-01 DORA RECONSTRUCTION\PLANS AND SPEC\SPEC 19-01 DORA UTILITY IMPROVEMENT.DWG

PLAN DETAILS

PLAN

ORIGINAL SIZE: AS SHOWN

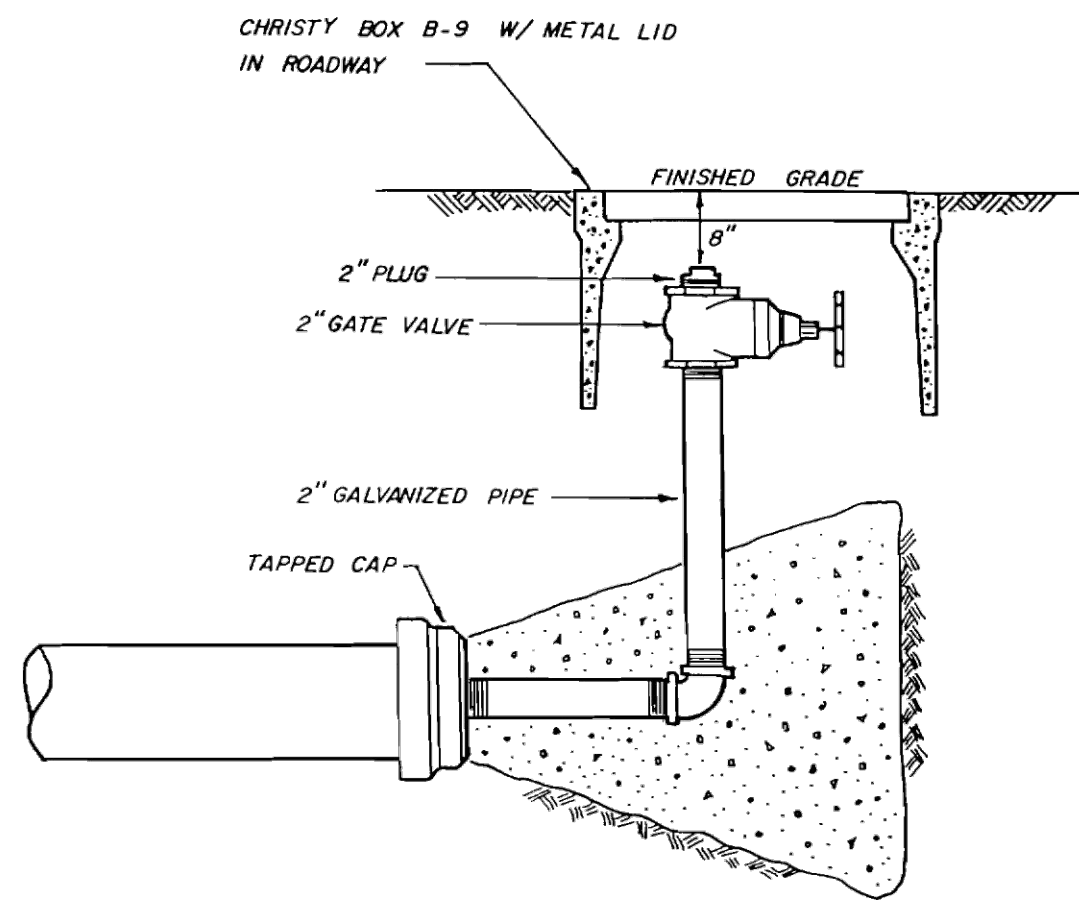
DATE: JANUARY 2021

DRAWING NUMBER:

C-501

-
- Diagram illustrating a cross-section of a street base section showing the installation of a gate valve and associated bedding layers.
- Key components and dimensions shown:
- Street Base Section:** Includes Asphalt and Concrete layers.
 - Valve Box:** The structure housing the gate valve.
 - Gate Valve:** A 12" gate valve with a 6" PVC riser.
 - Bedding Layers:**
 - 12" PIPE BEDDING (TYPE 1) surrounding the valve and riser.
 - 4" PIPE BEDDING (TYPE 2) at the base.
 - Concrete Pad:** A concrete pad with 2 #3 BARS.
 - Water Main:** A large pipe running horizontally through the section.
 - Dimensions:**
 - 12" (vertical dimension for the valve box opening).
 - 6" to 8" (horizontal dimension for the bedding layer).
 - 6" PVC RISER (vertical dimension for the riser pipe).
 - Labels:** ASPHALT, CONCRETE, VALVE BOX, STREET BASE SECTION, CLASS II RAS. BASE, 85% RELATIVE COMPACTION, 12" PIPE BEDDING (TYPE 1), 4" PIPE BEDDING (TYPE 2), 2 #3 BARS, CONCRETE PAD, WATER MAIN, GATE VALVE, 6" PVC RISER.

NO SCALE	ML	4/88	
		R. Pedroncelli	307

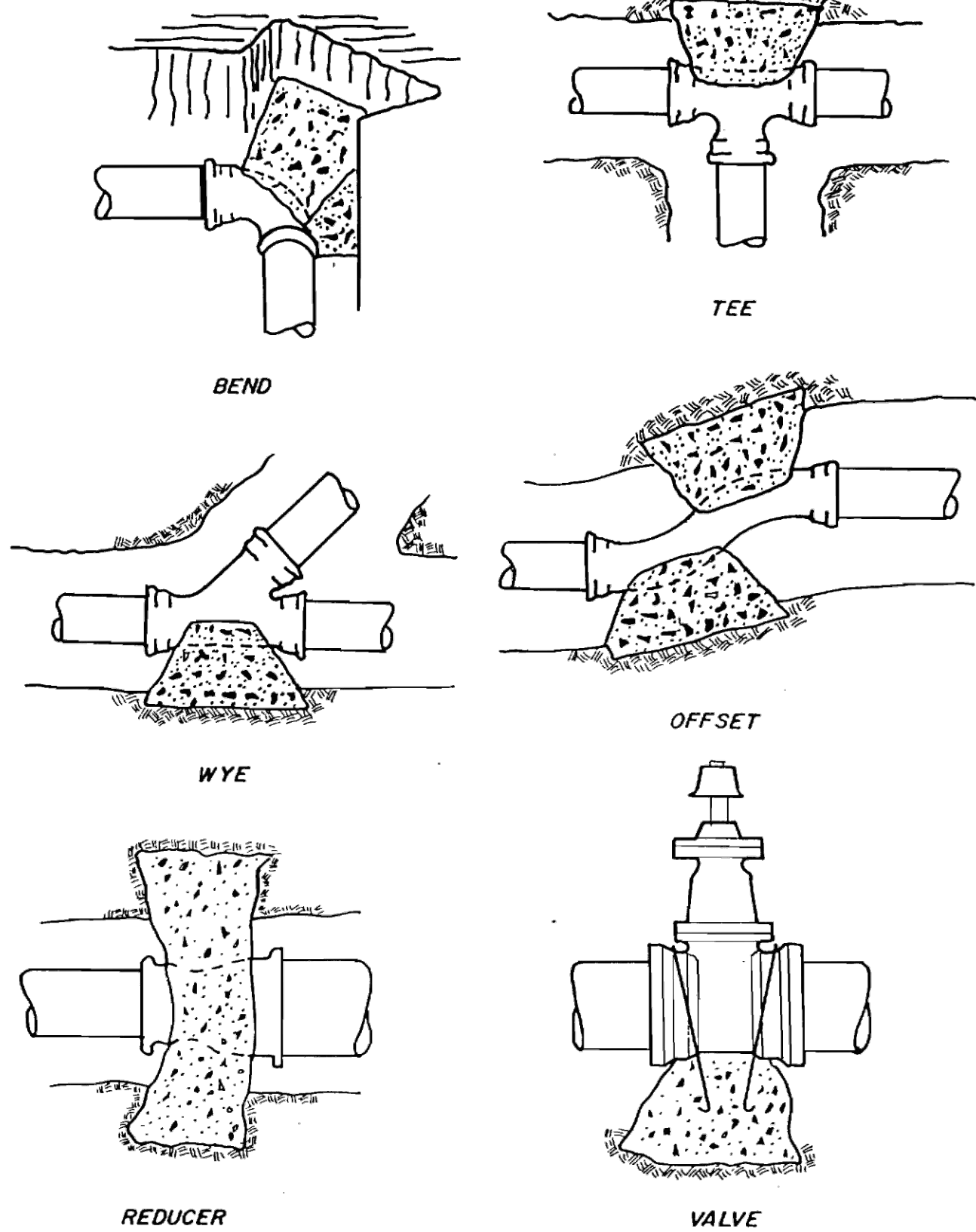


- | | | | |
|---------------|---------------|---------------------------------|-------------|
| Scale: None | Drawn By: DNP | Approved By: <i>[Signature]</i> | Drawing No. |
| Date: 2/27/86 | Revised: | <i>[Signature]</i> | 309 |

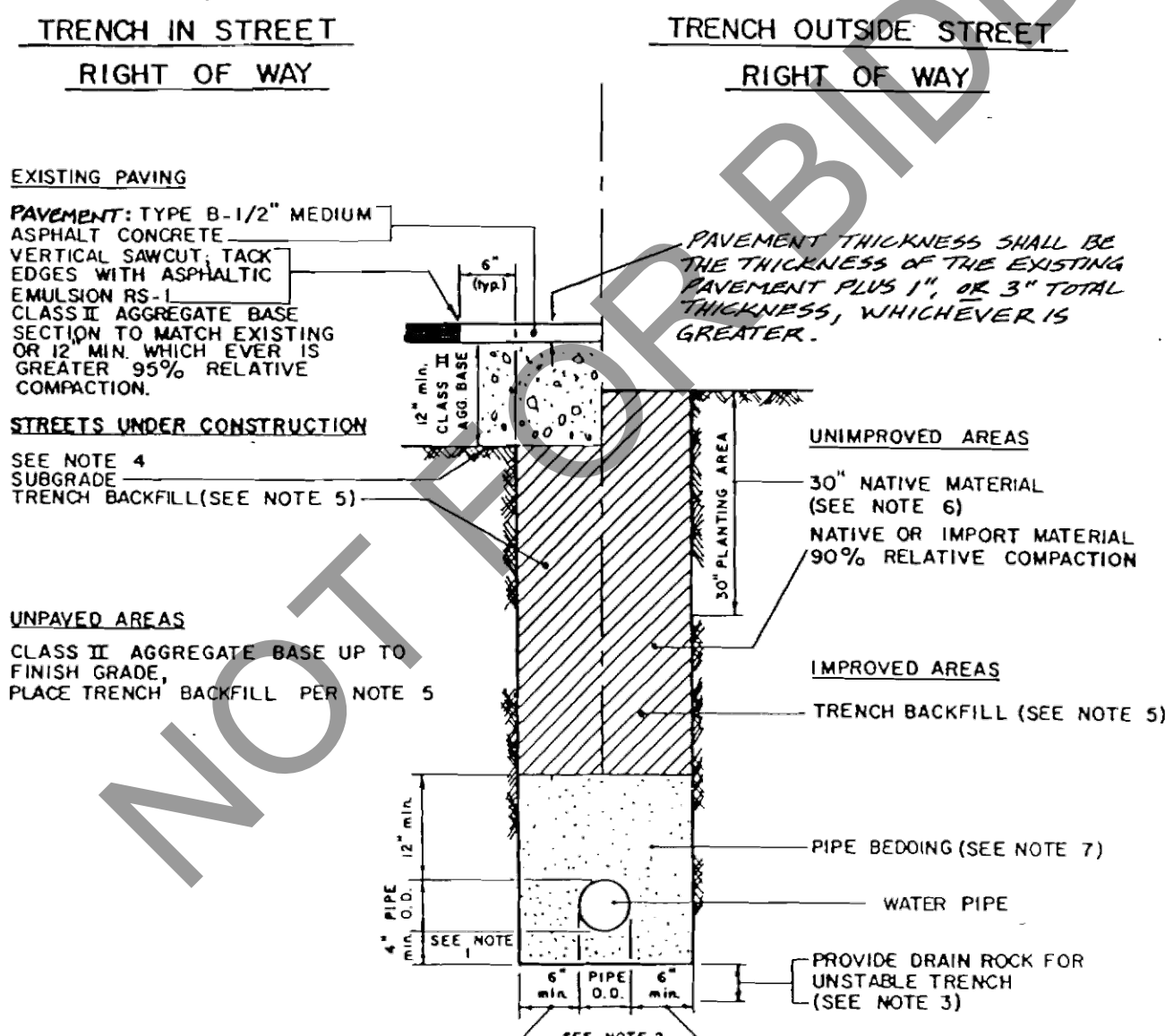
* For bends less than $11\ 1/4^\circ$, use thrust areas shown for $11\ 1/4^\circ$, unless otherwise approved by the engineer.

Scale : None	Drawn By: DNP	Approved By: 4/88 R. Pedroncelli	Drawing No. 311
Date: 9/27/70	Revised:		

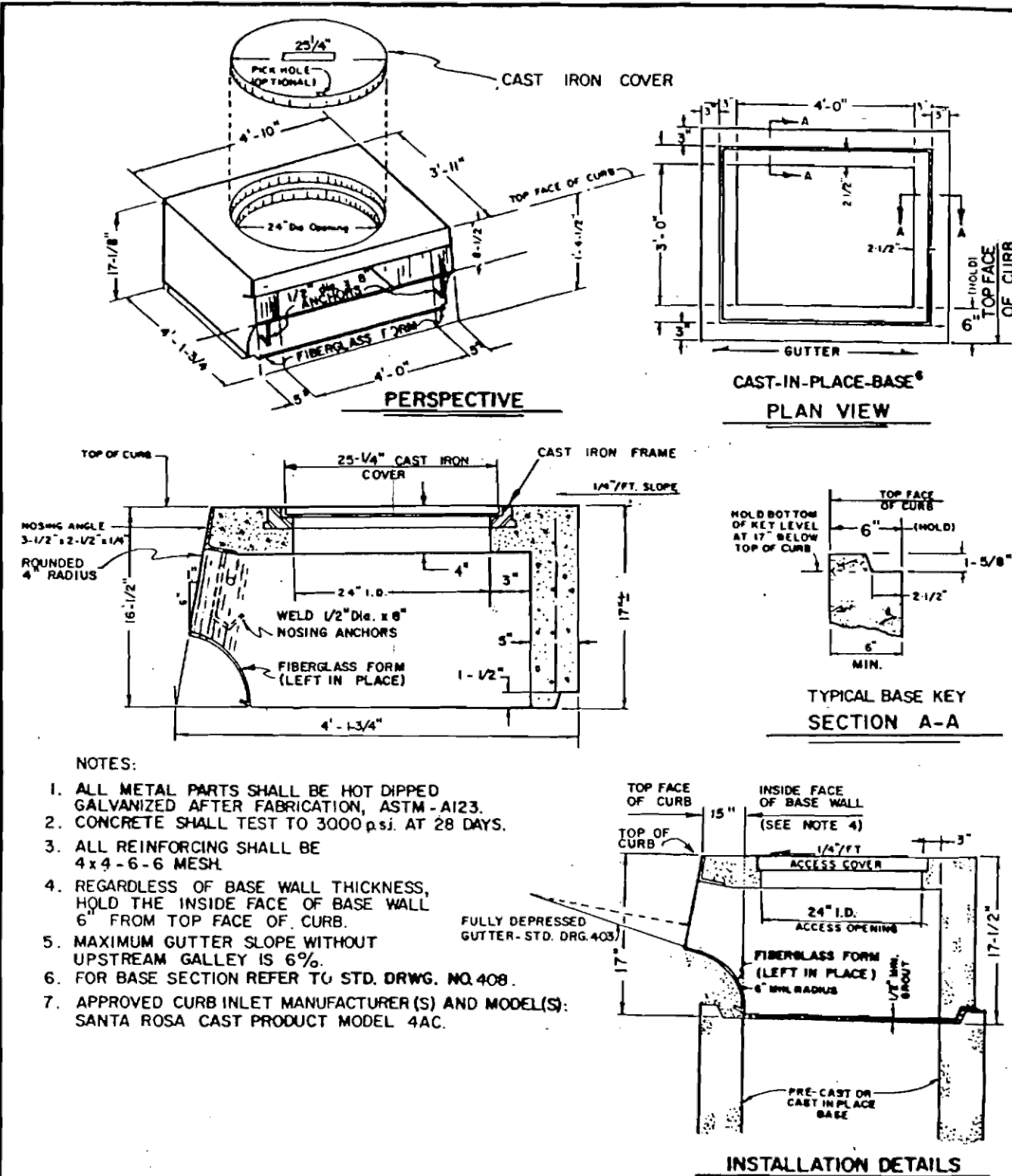
NTS



Scale: None	Drawn By: DND	Approved By: R. Pedroncelli	Drawing No. 312
Date: 9/26/78	Revised:		



- | | | | |
|-----------------|--------------|-------------------|-------------|
| Scale: no scale | Drawn By: ML | Approved By: 4/98 | Drawing No. |
| Date: 2/20/87 | Revised: | R. Pedroncelli | 320 |



Scale: NO SCALE	Drawn By: ML	Approved By: <i>R. Redmond</i>	Drawing No.
Date: 3/17/87	Revised: 11/90		406

NTS

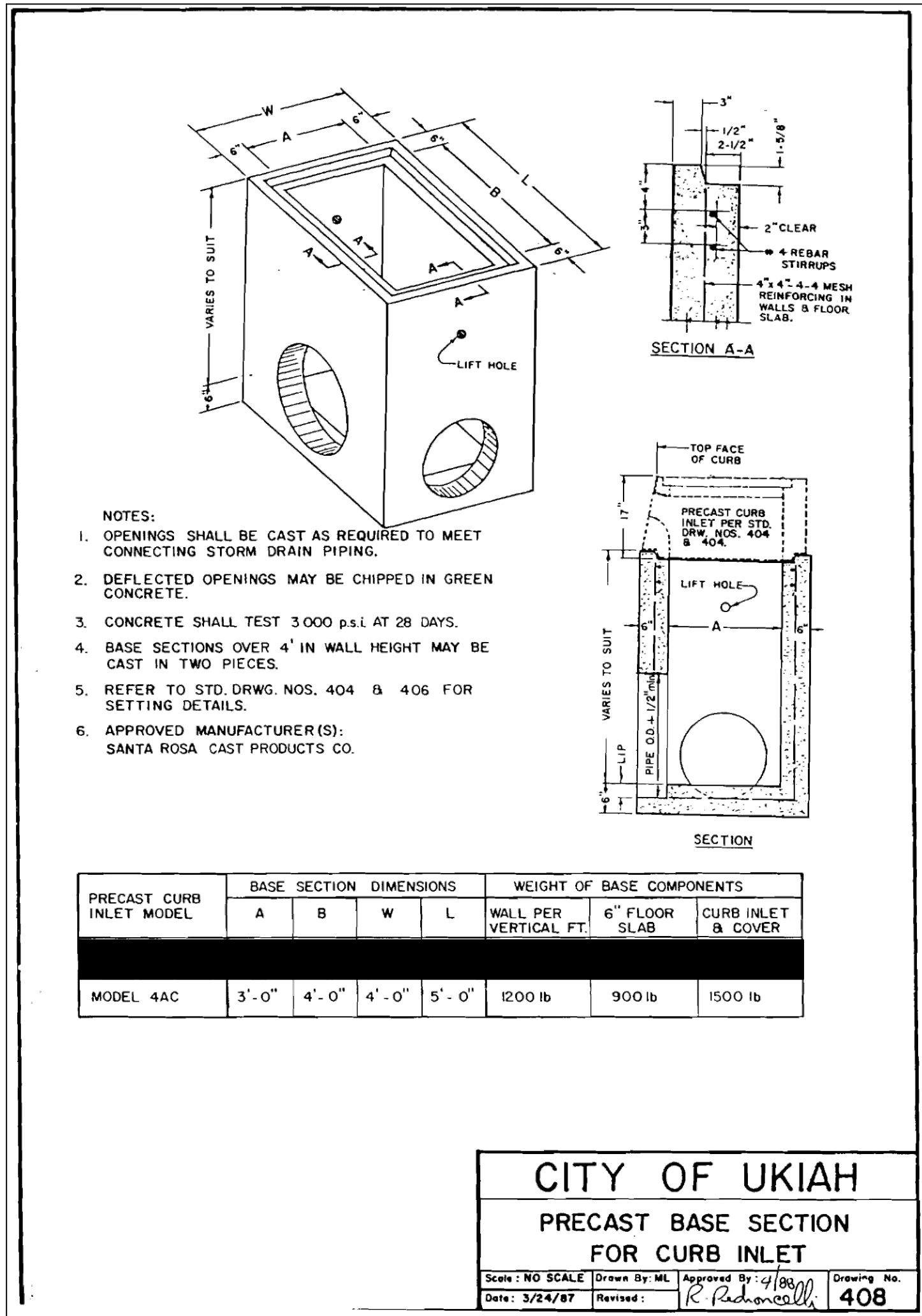
**300 Seminary Avenue
Ukiah, CA 95482**

C-502

PLAN

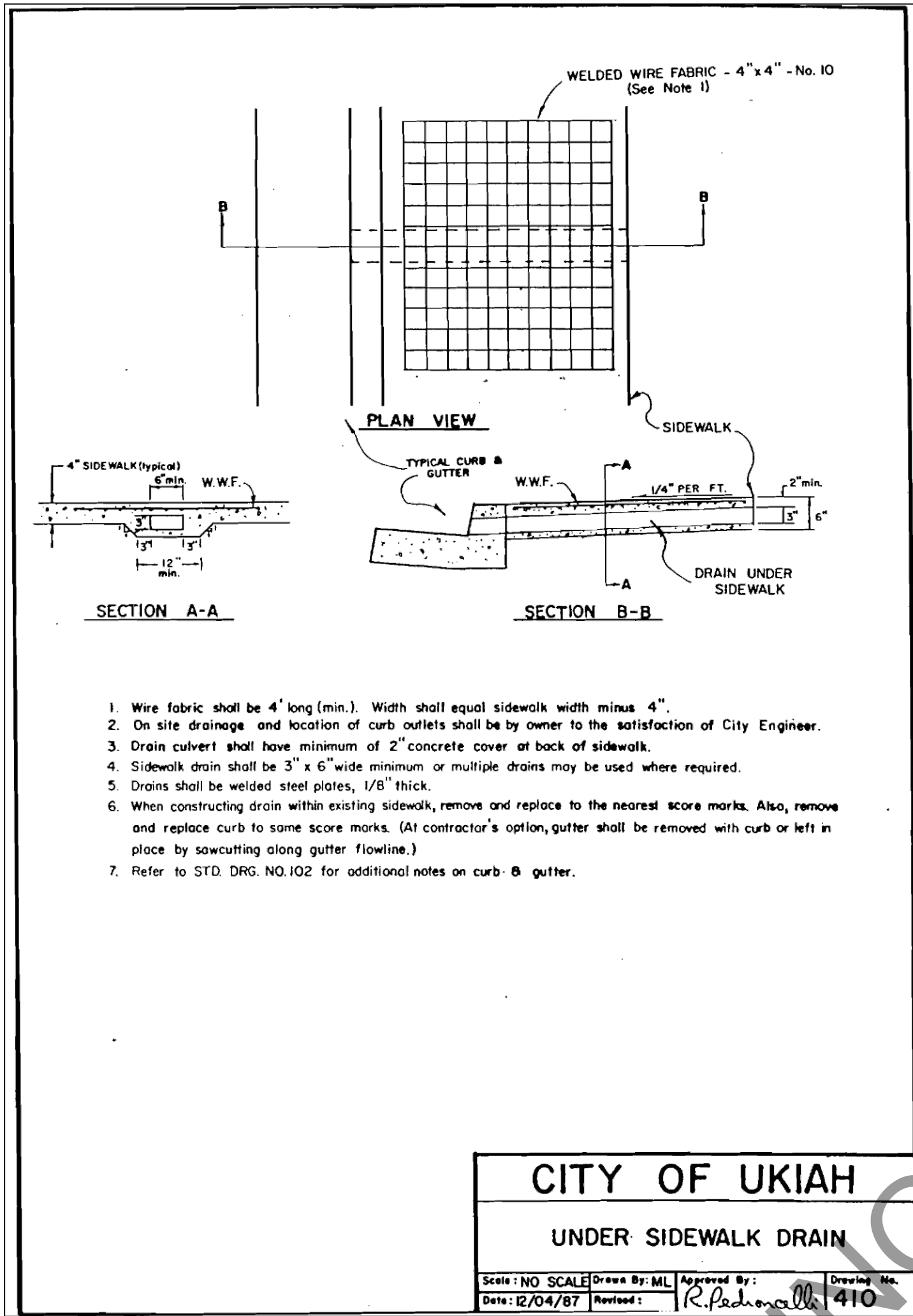
DRAWING FILE:

Page 425 of 69



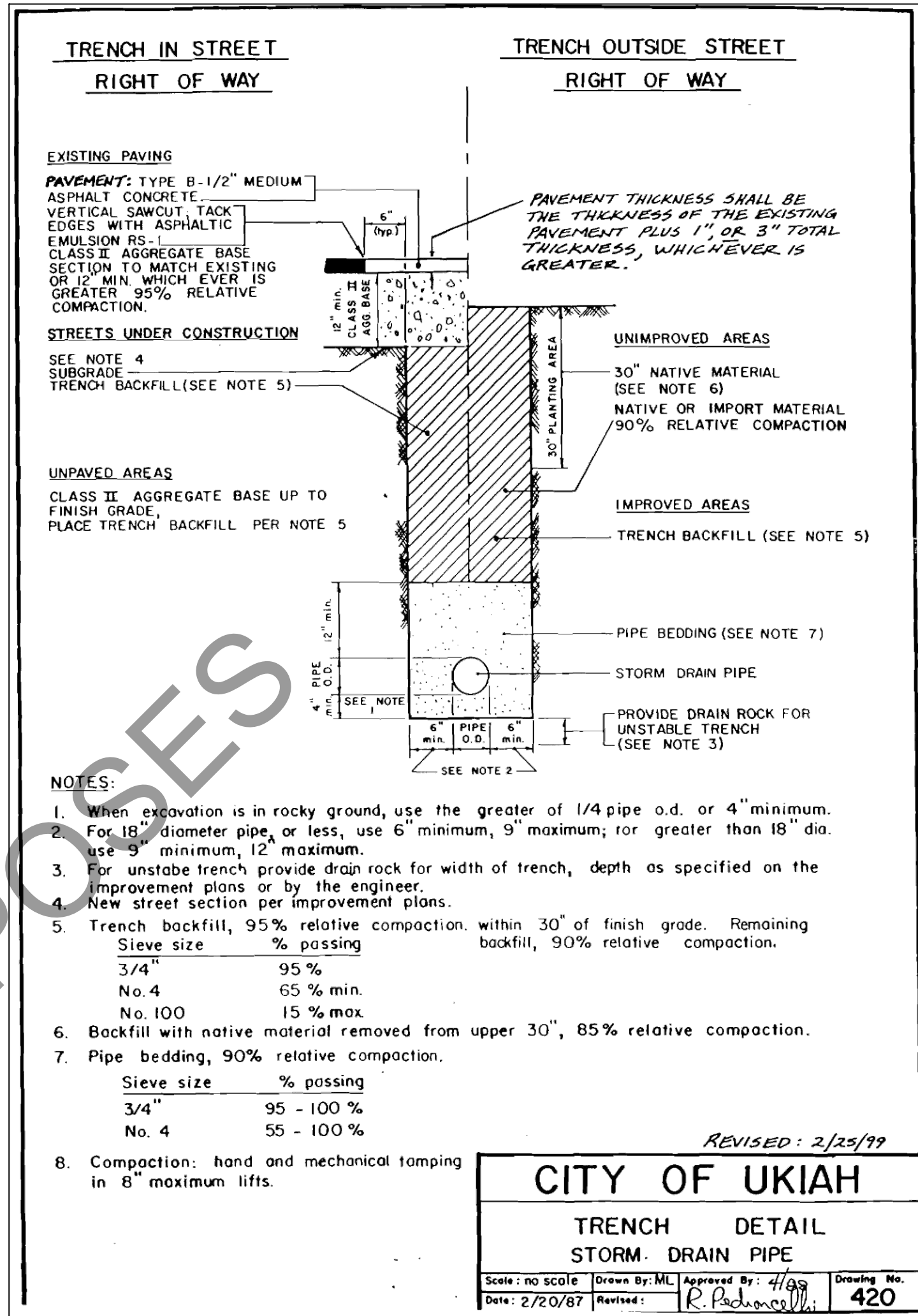
408 PRECAST BASE SECTION FOR CURB INLET

NTS



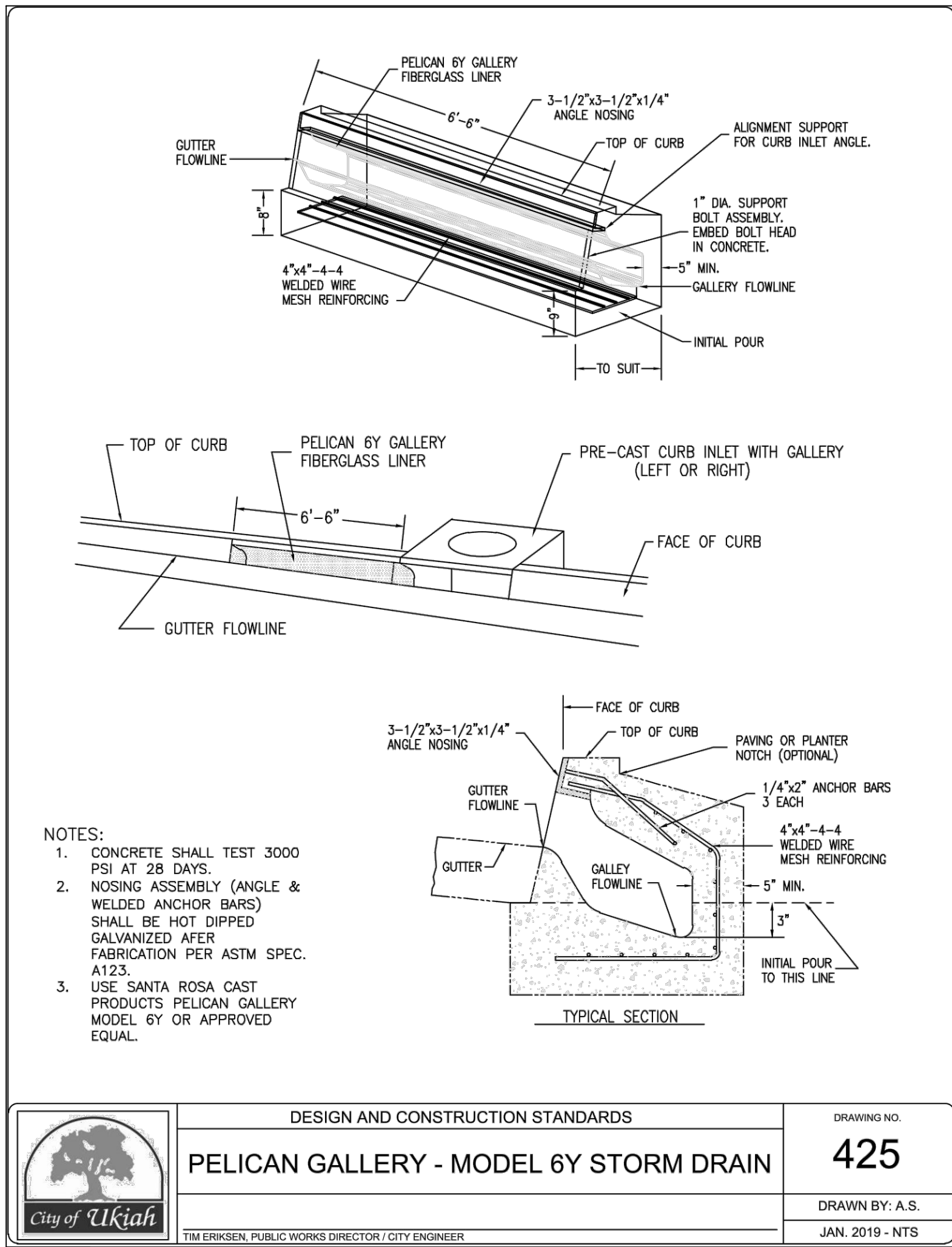
410 UNDER SIDEWALK DRAIN

NTS



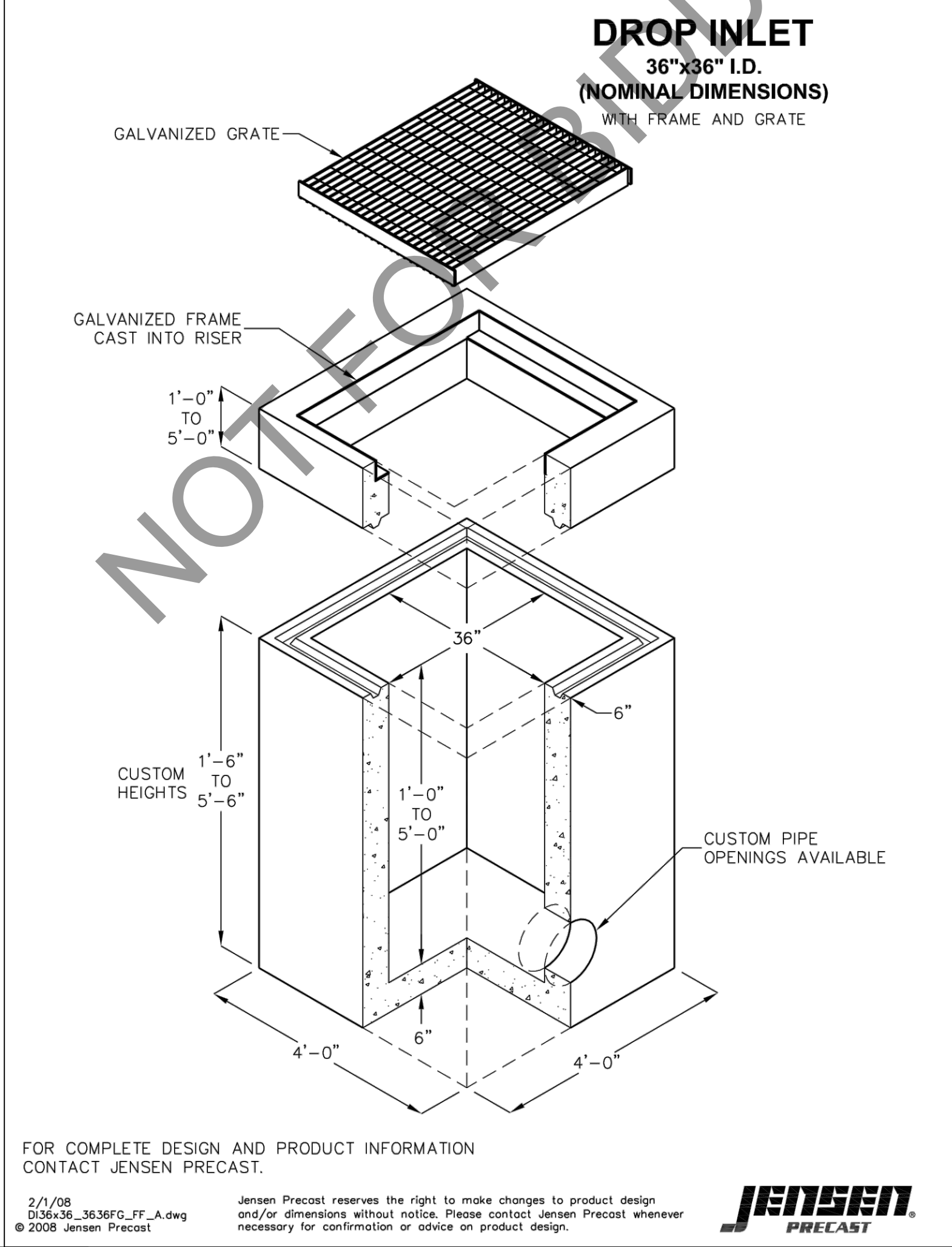
420 TRENCH DETAIL STORM DRAIN PIPE

NTS



425 6Y PELICAN GALLERY CURB INLET

NTS



2 36" X 36" DROP INLET JUNCTION BOX

NTS

DORA STREET UTILITY IMPROVEMENT PROJECT

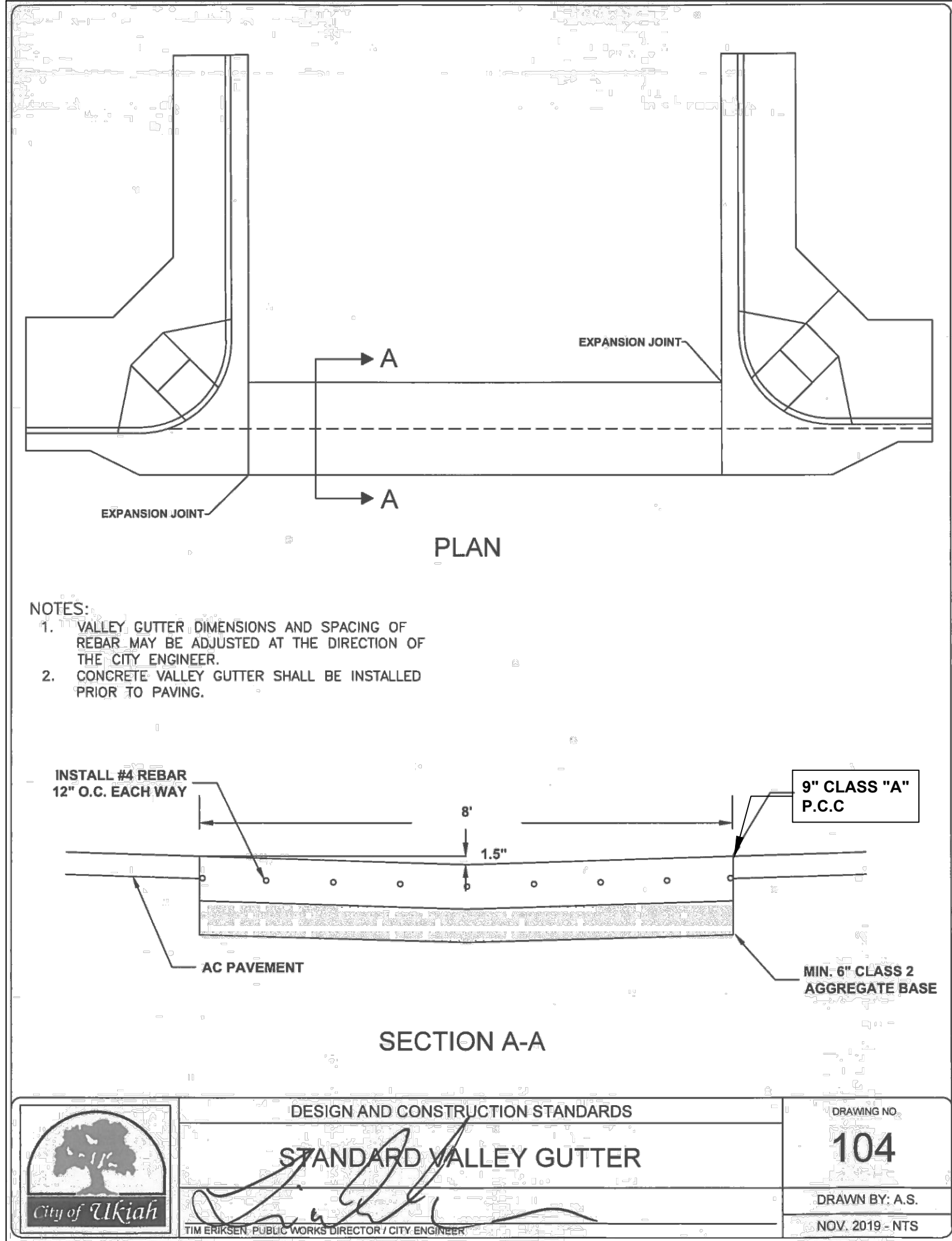
PLAN DETAILS

CITY OF UKIAH

300 Seminary Avenue
Ukiah, CA 95482

DRAWN: A.S.
CHECKED BY: T.E.
JOB NUMBER: SPEC NO.19-01
DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2019\SEC 19-01 DORA RECONSTRUCTION\PLANS AND SPEC\SEC 19-01 DORA UTILITY IMPROVEMENT.DWG

ORIGINAL SIZE: AS SHOWN
DATE: JANUARY 2021
DRAWING NUMBER: C-503



104 STANDARD VALLEY GUTTER NTS

NOT FOR BIDDING PURPOSES

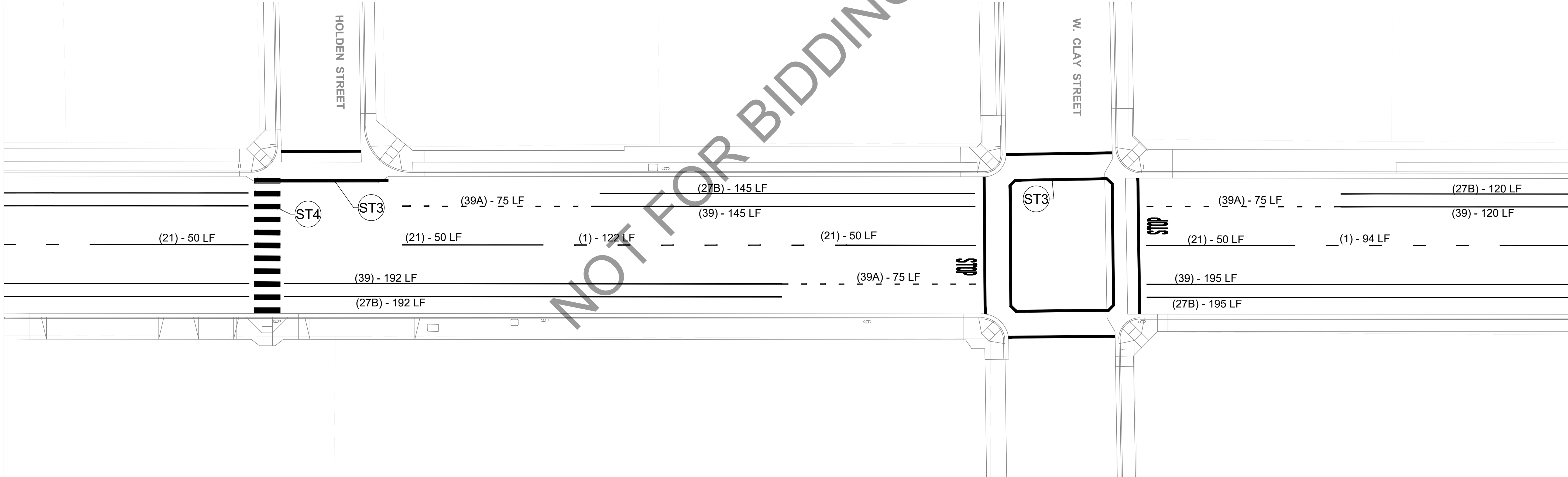
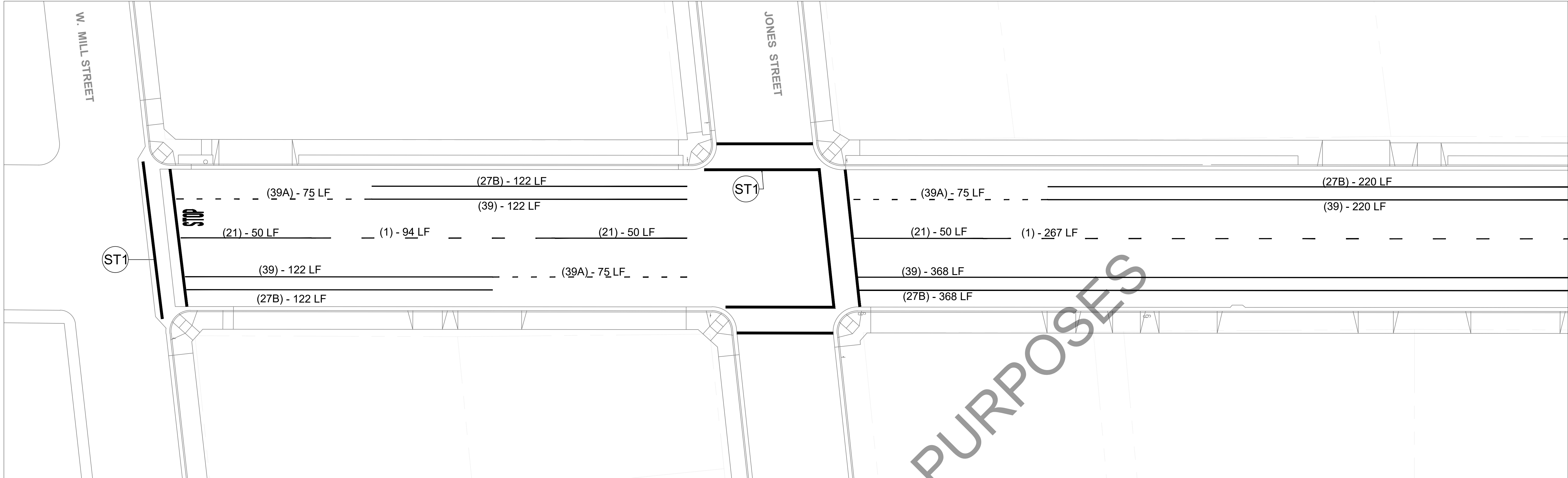
DRAWN:
A.S.
CHECKED BY:
T.E.
JOB NUMBER:
SPEC NO. 19-01
DRAWING FILE:
S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2019\SPEC 19-01 DORA RECONSTRUCTION\PLANS AND SPEC\SPEC 19-01 DORA UTILITY IMPROVEMENT.DWG

CITY OF UKIAH
300 Seminary Avenue
Ukiah, CA 95482

Project
PLAN

DORA STREET UTILITY IMPROVEMENT PROJECT
PLAN DETAILS

ORIGINAL SIZE:
AS SHOWN
DATE: JANUARY 2021
DRAWING NUMBER:
C-504



PAVEMENT MARKINGS

↑
LANE
BIKE

WHITE THERMOPLASTIC BIKE LANE ARROW
PER A24A OF CALTRANS STD. PLANS.

🚲
WHITE THERMOPLASTIC BIKE LANE SYMBOL
WITH PERSON PER A24C OF CALTRANS STD. PLANS.

STOP

STOP LEGEND PER CSP A24D

↶
TYPE I, IV 10'-0" ARROW PER CSP A24A

TRAFFIC STRIPING

(XX) - ____ LF

STRIPING PER CALTRANS DETAIL INDICATED
ON PLAN. PER A20A TO A20D OF CSP.

CROSSWALK PLACEMENT

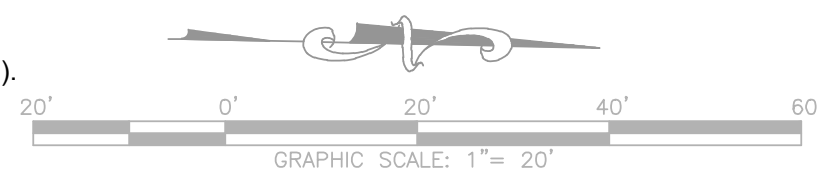
ALL CROSSWALKS WILL BE 10 FT. IN WIDTH AND EXTEND
TO LIP OF GUTTER OR AS DIRECTED BY THE CITY.

ST1 APPLY 12" WHITE THERMOPLASTIC CROSSWALK AND LIMIT LINE
PER CALTRANS STANDARD PLAN A24E (TYP).

ST2 APPLY 24" WHITE THERMOPLASTIC CONTINENTAL CROSSWALK
PER CALTRANS STANDARD PLAN A24F (TYP).

ST3 PROVIDE 12" YELLOW THERMOPLASTIC CROSSWALK AND
LIMIT LINE PER CALTRANS STANDARD PLAN A24E (TYP).

ST4 APPLY 24" YELLOW THERMOPLASTIC CONTINENTAL
CROSSWALK PER CALTRANS STANDARD PLAN A24F (TYP).



CITY OF UKIAH

300 Seminary Avenue
Ukiah, CA 95482

DORA STREET UTILITY IMPROVEMENT PROJECT

Project

STRIPING PLAN

PLAN

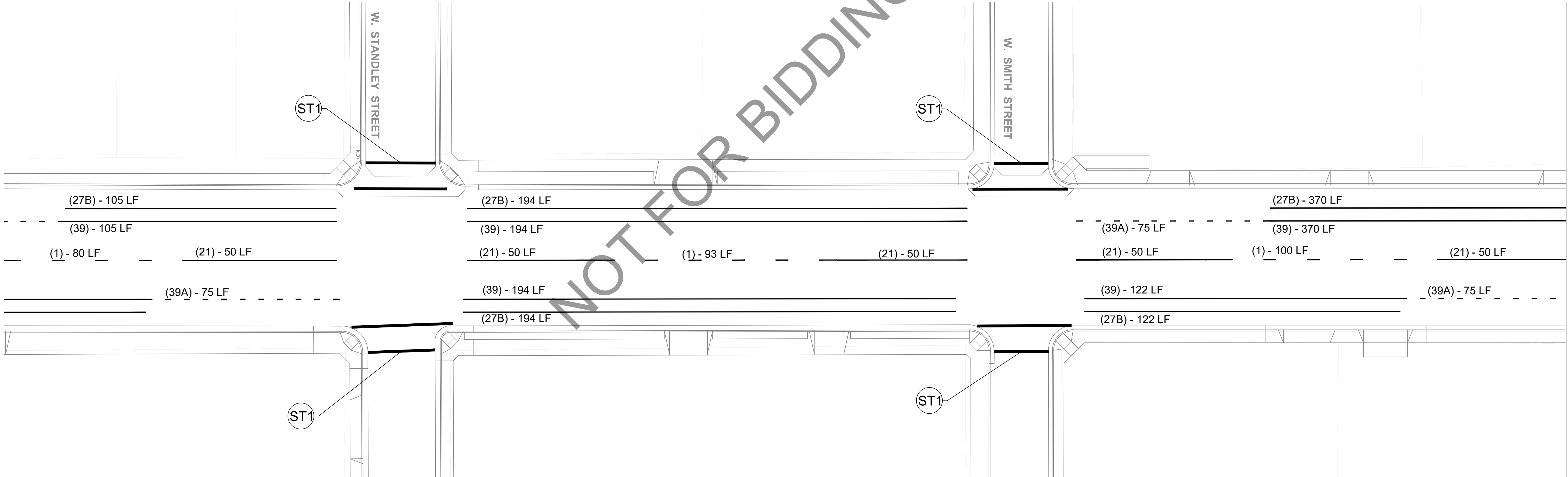
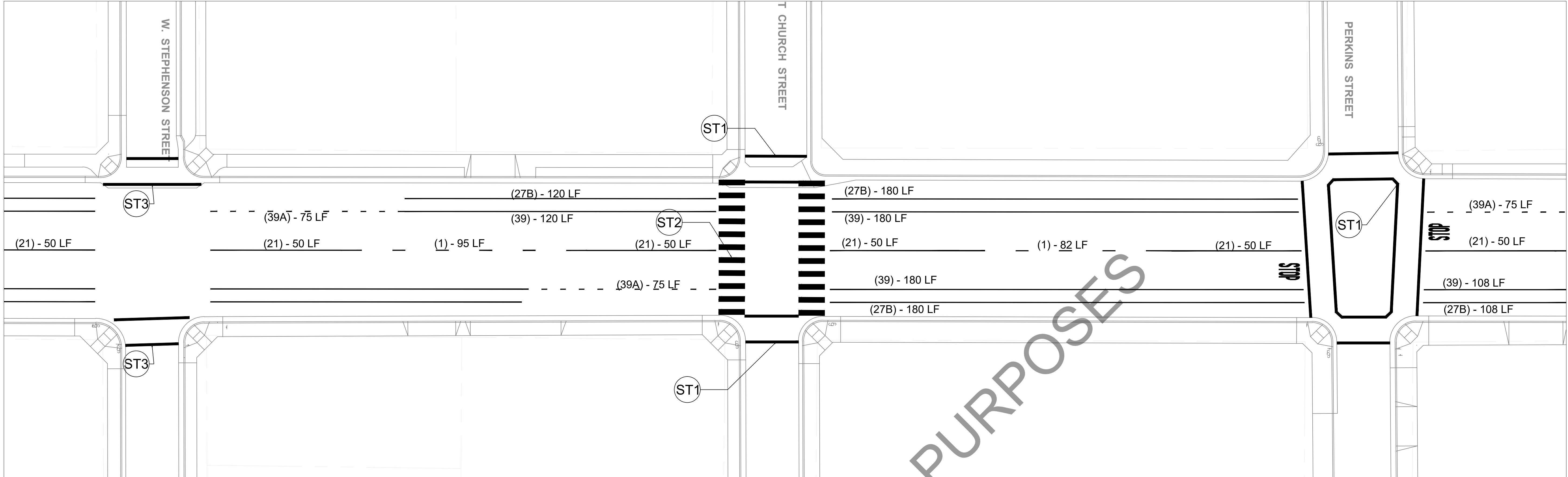
ORIGINAL SIZE:
AS SHOWN
DATE: JANUARY 2021
DRAWING NUMBER:
P-100

DRAWN:
A.R.S.

CHECKED BY:
T.E.

JOB NUMBER:
SPEC NO19-01

DRAWING FILE:
S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2019\SPEC 19-01 DORA RECONSTRUCTION\PLANS AND SPEC\SPEC 19-01 DORA UTILITY IMPROVEMENT.DWG



PAVEMENT MARKINGS

↑
LANE
BIKE

WHITE THERMOPLASTIC BIKE LANE ARROW
PER A24A OF CALTRANS STD. PLANS.

🚲

WHITE THERMOPLASTIC BIKE LANE SYMBOL
WITH PERSON PER A24C OF CALTRANS STD. PLANS.

STOP

STOP LEGEND PER CSP A24D

↩↑

TYPE I, IV 10'-0" ARROW PER CSP A24A

TRAFFIC STRIPING

(XX) - ____ LF

STRIPING PER CALTRANS DETAIL INDICATED
ON PLAN. PER A20A TO A20D OF CSP.

CROSSWALK PLACEMENT

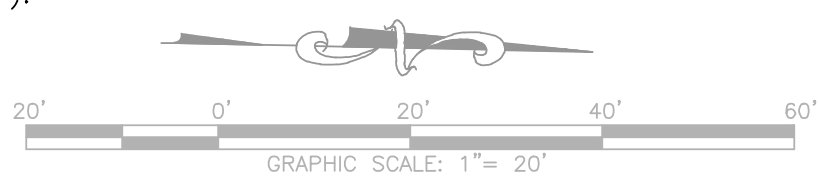
ALL CROSSWALKS WILL BE 10 FT. IN WIDTH AND EXTEND
TO LIP OF GUTTER OR AS DIRECTED BY THE CITY.

(ST1) APPLY 12" WHITE THERMOPLASTIC CROSSWALK AND LIMIT LINE
PER CALTRANS STANDARD PLAN A24E (TYP).

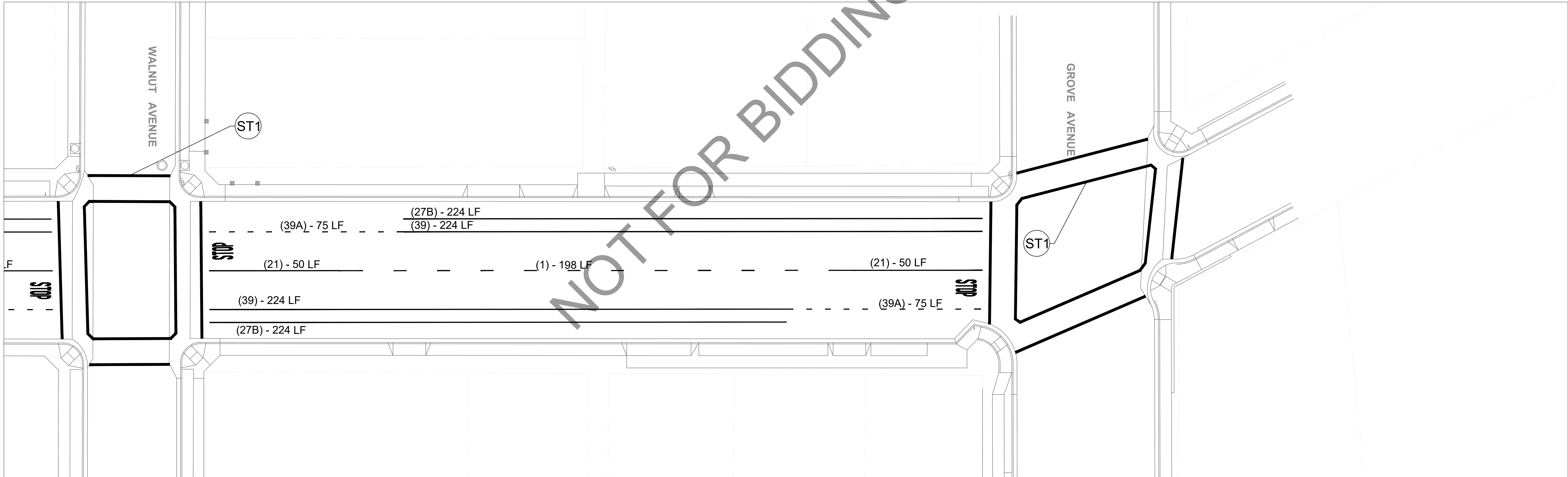
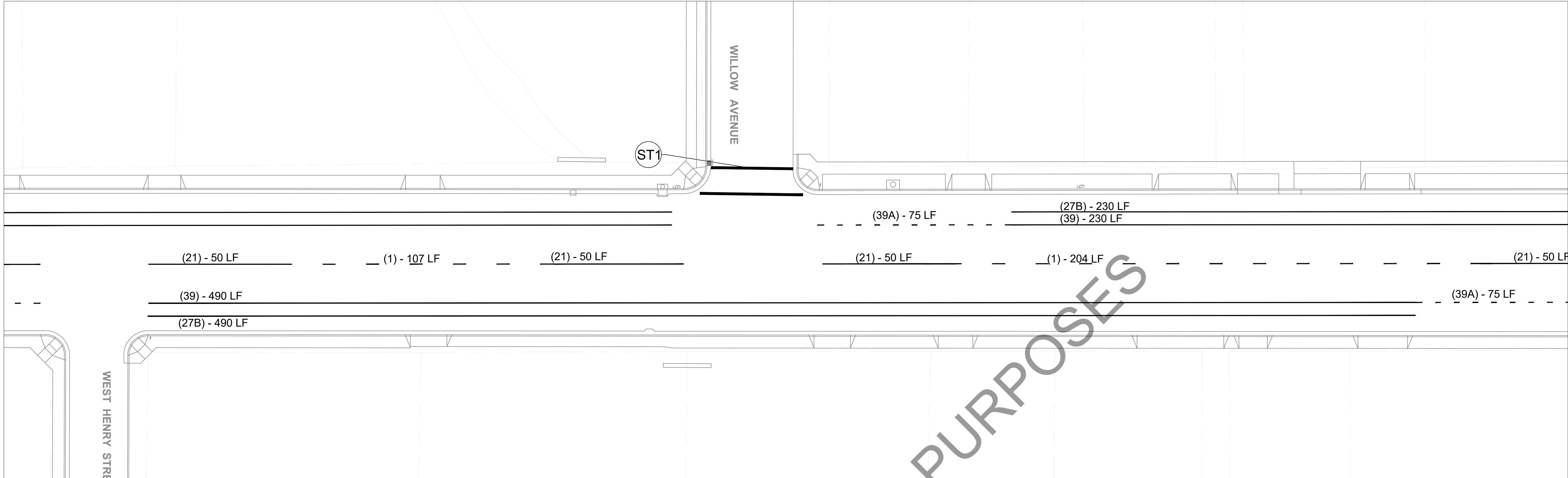
(ST2) APPLY 24" WHITE THERMOPLASTIC CONTINENTAL CROSSWALK
PER CALTRANS STANDARD PLAN A24F (TYP).

(ST3) PROVIDE 12" YELLOW THERMOPLASTIC CROSSWALK AND
LIMIT LINE PER CALTRANS STANDARD PLAN A24E (TYP).

(ST4) APPLY 24" YELLOW THERMOPLASTIC CONTINENTAL
CROSSWALK PER CALTRANS STANDARD PLAN A24F (TYP).



ORIGINAL SIZE: AS SHOWN DATE: JANUARY 2021 DRAWING NUMBER: P-101	
DORA STREET UTILITY IMPROVEMENT PROJECT	
STRIPING PLAN	
Project	PLAN
CITY OF UKIAH 300 Seminary Avenue Ukiah, CA 95482	
DRAWN: A.R.S.	
CHECKED BY: T.E.	
JOB NUMBER: SPEC NO19-01	
DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2019\SPEC 19-01 DORA RECONSTRUCTION\PLANS AND SPEC\SPEC 19-01 DORA UTILITY IMPROVEMENT.DWG	



PAVEMENT MARKINGS
↑ WHITE THERMOPLASTIC BIKE LANE ARROW
PER A24A OF CALTRANS STD. PLANS.

🚲 WHITE THERMOPLASTIC BIKE LANE SYMBOL
WITH PERSON PER A24C OF CALTRANS STD. PLANS.

STOP
STOP LEGEND PER CSP A24D

↩️ TYPE I, IV 10'-0" ARROW PER CSP A24A

TRAFFIC STRIPING
(XX) - ____ LF STRIPING PER CALTRANS DETAIL INDICATED
ON PLAN. PER A20A TO A20D OF CSP.

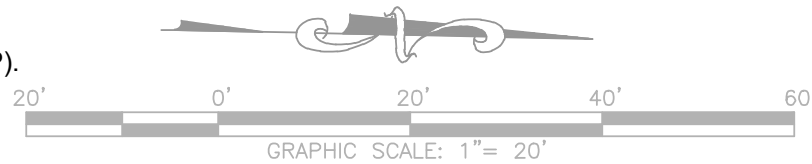
CROSSWALK PLACEMENT
ALL CROSSWALKS WILL BE 10 FT. IN WIDTH AND EXTEND
TO LIP OF GUTTER OR AS DIRECTED BY THE CITY.

(ST1) APPLY 12" WHITE THERMOPLASTIC CROSSWALK AND LIMIT LINE
PER CALTRANS STANDARD PLAN A24E (TYP).

(ST2) APPLY 24" WHITE THERMOPLASTIC CONTINENTAL CROSSWALK
PER CALTRANS STANDARD PLAN A24F (TYP).

(ST3) PROVIDE 12" YELLOW THERMOPLASTIC CROSSWALK AND
LIMIT LINE PER CALTRANS STANDARD PLAN A24E (TYP).

(ST4) APPLY 24" YELLOW THERMOPLASTIC CONTINENTAL
CROSSWALK PER CALTRANS STANDARD PLAN A24F (TYP).



DRAWN: A.R.S.
CHECKED BY: T.E.
JOB NUMBER: SPEC NO19-01
DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2019\SPEC 19-01 DORA RECONSTRUCTION\PLANS AND SPEC\SPEC 19-01 DORA UTILITY IMPROVEMENT.DWG

DORA STREET UTILITY IMPROVEMENT PROJECT

STRIPING PLAN

CITY OF UKIAH
300 Seminary Avenue
Ukiah, CA 95482

ORIGINAL SIZE: AS SHOWN
DATE: JANUARY 2021
DRAWING NUMBER: **P-102**

CITY OF UKIAH
MENDOCINO COUNTY, CALIFORNIA

SPECIAL PROVISIONS
FOR
DORA STREET UTILITY IMPROVEMENT PROJECT
SPECIFICATION NO. 19-01

CITY OF UKIAH
DEPARTMENT OF PUBLIC WORKS
300 Seminary Avenue
Ukiah, California 95482-5400

Bids Open: **Wednesday, Month XX, 2021**
2:00 p.m.
Office of City Clerk

CITY OF UKIAH
MENDOCINO COUNTY, CALIFORNIA

CITY COUNCIL:

JIM BROWN – MAYOR
JOSEFINA DUEÑAS – VICE MAYOR
DOUGLAS F. CRANE – COUNCIL MEMBER
MARI RODIN – COUNCIL MEMBER
JUAN OROZCO – COUNCIL MEMBER

SAGE SANGIACOMO – CITY MANAGER

TIM ERIKSEN - DIRECTOR OF PUBLIC WORKS / CITY ENGINEER

MARY HORGER – FINANCIAL SERVICES MANAGER

KRISTINE LAWLER – CITY CLERK

R. ALLEN CARTER - CITY TREASURER

Approved By:

Tim Eriksen,
Director of Public Works/City Engineer

CITY OF UKIAH
DEPARTMENT OF PUBLIC WORKS
OCTOBER 2021
TABLE OF CONTENTS

	PAGE
NOTICE TO BIDDERS	1
INSTRUCTIONS TO BIDDERS	4
GENERAL CONDITIONS	
SECTION 1. PROPOSAL REQUIREMENTS AND GENERAL CONDITIONS	6
1-01. Definitions	
1-02. Examinations of Plans, Special Provisions and Site of Work	
1-03. Proposal	
1-04. Withdrawal of Bids	
1-05. Public Opening of Bids	
1-06. Bid Guaranty	
1-07. Qualification of Bidders	
1-08. Disqualification of Bidders	
1-09. Identification of Subcontractors	
1-10. General Provisions of the Standard Specifications	
1-11. Addenda	
SECTION 2. AWARD AND EXECUTION OF CONTRACT	8
2-01. Award of Contract	
2-02. Return of Proposal Guaranties	
2-03. Execution of Contract	
SECTION 3. SCOPE AND INTENT OF CONTRACT	8
3-01. Effect of Inspection and Payments	
3-02. Effect of Extension of Time	
3-03. Extra Work	
3-04. Assignment of Contract	
3-05. Subcontractors	
3-06. Interpretation of Special Provisions and Drawings	
3-07. Addenda	
3-08. Liability of City Officials	
3-09. Dispute Resolution	
SECTION 4. BONDS	9
4-01. Faithful Performance Bond	
4-02. Material and Labor Bond	
4-03. Defective Material and Workmanship Bond	
4-04. Notification of Surety Companies	
SECTION 5. INSURANCE REQUIREMENTS FOR CONTRACTORS	10
5-01. Minimum Scope of Insurance	
5-02. Minimum Limits of Insurance	

- 5-03. Deductibles and Self-Insured Retentions
- 5-04. Other Insurance Provisions
- 5-05. Acceptability of Insurers
- 5-06. Verification of Coverage
- 5-07. Subcontractors

SECTION 6. RESPONSIBILITIES AND RIGHTS OF CONTRACTOR..... 11

- 6-01. Legal Address of Contractor
- 6-02. Office of Contractor at Site
- 6-03. Attention to Work
- 6-04. Liability of Contractor
- 6-05. Protection of Persons and Property
- 6-06. Protection of City Against Patent Claims
- 6-07. Protection of Contractor's Work Property
- 6-08. Regulations and Permits
- 6-09. Construction Utilities
- 6-10. Approval of Contractor's Plans
- 6-11. Suggestions to the Contractor
- 6-12. Termination of Unsatisfactory Subcontracts
- 6-13. Preservation of Stakes and Marks
- 6-14. Assistance to Engineer
- 6-15. Removal of Condemned Materials and Structures
- 6-16. Proof of Compliance with Contract
- 6-17. Errors and Omissions
- 6-18. Cooperation
- 6-19. Right of Contractor to Stop Work
- 6-20. Hiring and Dismissal of Employees
- 6-21. Wage Rates
- 6-22. Cleaning Up
- 6-23. Guaranty
- 6-24. Public Notification

SECTION 7. RESPONSIBILITIES AND RIGHTS OF CITY 16

- 7-01. Authority of the Engineer
- 7-02. Inspection
- 7-03. Surveys
- 7-04. Rights-of-Way
- 7-05. Retention of Imperfect Work
- 7-06. Changes in the Work
- 7-07. Additional Drawings by City
- 7-08. Additional and Emergency Protection
- 7-09. Suspension of Work
- 7-10. Right of City to Terminate Contract
- 7-11. Use of Completed Portions

SECTION 8. WORKMANSHIP, MATERIALS AND EQUIPMENT 18

- 8-01. General Quality
- 8-02. Quality in Absence of Detailed Specifications
- 8-03. Materials and Equipment Specified by Name
- 8-04. Source of Materials
- 8-05. Storage of Materials
- 8-06. Drawings, Samples and Tests

SECTION 9. PROSECUTION OF WORK 19

- 9-01. Equipment and Methods
- 9-02. Time of Completion
- 9-03. Avoidable Delays
- 9-04. Unavoidable Delays
- 9-05. Notice of Delays
- 9-06. Extension of Time
- 9-07. Unfavorable Weather and Other Conditions
- 9-08. Saturday, Sunday, Holiday and Night Work
- 9-09. Hours of Labor

SECTION 10. PAYMENT20

- 10-01. Certification by Engineer
- 10-02. Progress Estimates and Payment
- 10-03. Substitution of Securities
- 10-04. Acceptance
- 10-05. Final Estimate and Payment
- 10-06. Delay Payments
- 10-07. Extra Work and Work Omitted
- 10-08. Compensation for Extra Work or Work Omitted
- 10-09. Compensation to the City for Extension of Time
- 10-10. Liquidated Damages for Delay

SECTION 11. MISCELLANEOUS23

- 11-01. Notice
- 11-02. Computation of Time
- 11-03. Claims Procedure Required by Public Contract Code Section 9204
- 11-04. Litigation and Forum Selection
- 11-05. Waiver

TECHNICAL SPECIFICATIONS

SECTION 12. GENERAL INFORMATION26

- 12-01. Arrangement of Technical Specifications
- 12-02. Existing
- 12-03. Business Licenses
- 12-04. Permits
- 12-05. Standard Specifications and Standard Plans
- 12-06. Temporary Facilities
- 12-07. Public Convenience and Safety
- 12-08. Maintaining Traffic
- 12-09. Stream Pollution
- 12-10. Warranties
- 12-11. Utilities
- 12-12. Dust Control
- 12-13. Noise Control
- 12-14. Watering
- 12-15. Preconstruction Conference
- 12-16. Progress Schedule
- 12-17. Safety Requirements

SECTION 13. CONSTRUCTION DETAILS29

- 13-01. Location and Scope of Work

13-02. Preservation of Property	
13-03. Watering	
13-04. Traffic Control System for Street Closure	
13-05. Adjust Existing Frames, Covers, Grates and Manholes to Grade	
13-06. Roadway Excavation	
13-07. Hot Mix Asphalt	
13-08. Remove Unsuitable Material	
13-09. Soil Stabilization Fabric	
13-10. Class 2 Aggregate Base	
13-11. Traffic Striping	
13-12. Thermo X-Walk & Pavement Markings	
13-13. Reflective Pavement Markers (Blue)	
13-14. Minor Concrete	
13-15. Remove and Replace Sign Post	
13-16. Storm Drain Pipe	
13-17. Drainage Structures	
13-18. Water Main – 6” PVC Pipe	
13-19. Water Services	
13-20. Fire Hydrants	
13-21. Temporary Blow Off	
13-22. Abandon or Remove Water System Components	
13-23. Trench Bracing and Shoring	
13-24. Remove and Replace Existing Sanitary 8” Pipe	
13-25. Remove Existing Sanitary Sewer Manhole	
13-26. Install Sanitary Sewer Manhole	
13-27. Install Inline Sanitary Sewer Cleanout	
13-28. Sewer Laterals and Cleanouts	
13-29. Mobilization and Demobilization	
13-30. Construction Survey	
13-31. Clearing and Grubbing	

SECTION 14. EXCLUSIONS FROM GENERAL CONDITIONS.....44

14-01. Provisions to be Excluded from General Conditions

SECTION 15. AMENDMENTS TO GENERAL CONDITIONS44

15-01. Provisions of General Conditions to be Amended

CERTIFICATES AND DOCUMENTS

BID SUBMITTAL CHECKLIST	45
PROPOSAL	46
BIDDING SCHEDULE	47
FAIR EMPLOYMENT PRACTICES CERTIFICATION	51
WORKER'S COMPENSATION CERTIFICATE	52
CERTIFICATE OF NONDISCRIMINATION IN EMPLOYMENT	53
LIST OF PROPOSED SUBCONTRACTORS	54
STATEMENT OF EXPERIENCE OF BIDDER.....	55
SIGNATURE OF BIDDER.....	56
BIDDER'S BOND	57
NON-COLLUSION AFFIDAVIT	58

AGREEMENT 59

INDEMNIFICATION AGREEMENT 63

EXAMPLE BOND FORMS 64

DIRECTIONS FOR PREPARATION OF PERFORMANCE AND MATERIAL AND LABOR BOND 68

DEFECTIVE MATERIAL AND WORKMANSHIP (MAINTENANCE) BOND 69

INSURANCE CERTIFICATES AND ENDORSEMENT FORMS

APPENDICES:

PLAN SHEETS - 30 PAGES

CITY OF UKIAH, MENDOCINO COUNTY, CALIFORNIA
NOTICE TO BIDDERS FOR DORA STREET UTILITY IMPROVEMENT PROJECT SPEC NO. 19-01

NOTICE IS HEREBY GIVEN that sealed standard proposals for DORA STREET UTILITY IMPROVEMENT PROJECT will be received at the Office of the City Clerk, Ukiah Civic Center, 300 Seminary Avenue, Ukiah California until 2:00 p.m. on XXXXX at which time, or as soon thereafter as possible, they will be publicly opened and read. Bids shall be addressed to the City Clerk and shall be endorsed "DORA STREET UTILITY IMPROVEMENT PROJECT" Bids are required for the entire work described herein. No fax bids will be accepted.

ENGINEER'S ESTIMATE OF QUANTITIES

ITEM NO.	DESCRIPTION	QUANTITY	UNIT
1	TRAFFIC CONTROL	1	LS
2	MOBILIZATION / DEMOBILIZATION	1	LS
3	CONSTRUCTION SURVEY	1	LS
4	PUBLIC NOTIFICATION	1	LS
5	ROADWAY EXCAVATION	10,838	CY
6	REMOVE UNSUITABLE MATERIAL	100	CY
7	SOIL STABILIZATION FABRIC	21,265	SY
8	CLASS 2 AGGREGATE BASE	7,225	CY
9	HOT MIX ASPHALT (TYPE A)	7,315	TN
10	REMOVE 6-INCH SEWER MAIN AND REPLACE WITH 8-INCH SEWER MAIN	2,059	LF
11	REMOVE AND REPLACE 6-INCH SEWER MAIN	144	LF
12	4 INCH SEWER LATERAL WITH CLEANOUT	23	EA
13	INSTALL INLINE 8" SEWER CLEANOUT	4	EA
14	INSTALL 48 INCH SANITARY SEWER MANHOLE	11	EA
15	REMOVE 48 INCH SANITARY SEWER MANHOLE	12	EA
16	TRENCH BRACING AND SHORING	1	LS
17	STORM DRAIN INLET - TYPE GO D73E	2	EA
18	STORM DRAIN INLET - MODEL 4AC	4	EA
19	STORM DRAIN INLET - MODEL 4AC WITH 6Y PELICAN FIBERGLASS COMPONENTS	1	EA
20	STORM DRAIN JUNCTION BOX - MODEL JB3636	2	EA
21	CONNECT 24" HDPE STORM DRAIN TO EXISTING BASIN	1	EA
22	STORM DRAIN - 12 INCH HDPE	32	LF
23	STORM DRAIN - 18 INCH HDPE	633	LF
24	STORM DRAIN - 24 INCH HDPE	567	LF
25	6 INCH PVC WATER MAIN CLASS 200	4,217	LF

ITEM NO.	DESCRIPTION	QUANTITY	UNIT
26	1" WATER SERVICE PLUMBED FOR 3/4" METER	31	EA
27	1" WATER SERVICE PLUMBED FOR 1" METER	3	EA
28	2" COMPOUND WATER METER	1	EA
29	6" FIRE SERVICE LINE	1	EA
30	FIRE HYDRANT AND LATERAL ASSEMBLY	8	EA
31	REMOVE AND SALVAGE EXISTING FIRE HYDRANT	8	EA
32	ABANDON OR REMOVE WATER SYSTEM COMPONENTS	1	LS
33	TEMPORARY BLOW OFF	2	EA
34	WATER MAIN TIE IN	21	EA
35	ADJUST MANHOLE TO GRADE	11	EA
36	ADJUST VALVE BOX TO GRADE	49	EA
37	REMOVE CONCRETE (CURB & GUTTER)	1,046	LF
38	REMOVE CONCRETE (SIDEWALK & FLATWORK	6,473	SF
39	REMOVE CONCRETE (VALLEY GUTTER)	3,634	SF
40	MINOR CONCRETE (CURB & GUTTER)	1,046	SF
41	MINOR CONCRETE (CURB RAMP)	5,117	SF
42	MINOR CONCRETE (SIDEWALK)	1,356	SF
43	MINOR CONCRETE (VALLEY GUTTER)	3,634	SF
44	MINOR CONCRETE (CURB)	28	SF
45	REMOVE & REPLACE ROADSIDE SIGN POST	17	EA
46	TRAFFIC STRIPE (DETAIL 1)	1,536	LF
47	TRAFFIC STRIPE (DETAIL 21)	1,200	LF
48	TRAFFIC STRIPE (DETAIL 27B)	4,225	LF
49	TRAFFIC STRIPE (DETAIL 39)	4,225	LF
50	TRAFFIC STRIPE (DETAIL 39A)	1,200	LF
51	THERMO X-WALK & PAVEMENT MARKING	3,223	SF
52	PAVEMENT MARKERS	15	EA

Plans and Special Provisions may also be downloaded at no charge from the City's website at www.cityofukiah.com/purchasing. Contact Mary Horger, Financial Services Manager, City of Ukiah, 300 Seminary Avenue, Ukiah, California 95482-5400. No bid will be considered unless it is made on the forms furnished by the City and is made in accordance with the details of the Special Provisions. Each bidder must be licensed as required by law. Further information regarding the work or these specifications can be obtained by calling Mary Horger at (707) 463-6233 or at fax phone (707) 313-3621.

The City Council reserves the right to reject any or all bids and to determine which proposal is, in its opinion, the lowest responsive bid by a responsible bidder and which it deems in the best interest of the City to accept. The City Council also reserves the right, but not the obligation, to waive any irregularity or failure to strictly comply with the bidding requirements, that the City determines in the reasonable exercise of its discretion does not provide the bidder with a competitive advantage over other bidders.

No contractor or subcontractor may be listed on a bid proposal for a public works project unless registered with the Department of Industrial Relations ("DIR") pursuant to Labor Code section 1725.5 except as allowed under Labor Code section 1771.1(a). The prime contractor shall be responsible for posting job site notices as prescribed by regulation. This project is subject to compliance monitoring and enforcement by the DIR.

Pursuant to provisions of Section 1770, including amendments thereof, of the Labor Code of the State of California, the DIR Director has ascertained the general prevailing rate of wages for straight time, overtime, Saturdays, Sundays and Holidays including employer payment for health and welfare, vacation, pension and similar purposes for the City of Ukiah. Copies of the General Prevailing Wage Determination are available on the Internet at web address: <http://www.dir.ca.gov/DLSR/PWD/> The prime contractor for the work herein shall possess a current, valid State of California, Class A (General Engineering) Contractor's License. Pursuant to California Public Contract Code §22300, this contract includes provisions that allow substitutions of certain types of securities in lieu of the City withholding a portion of the partial payments due the Contractor to insure performance under this contract.

By order of the City Council, City of Ukiah, County of Mendocino, State of California.

Dated: _____
Kristine Lawler, City Clerk, City of Ukiah, California

PUBLISH TWO TIMES: XXXXXXXXXX

INSTRUCTIONS TO BIDDERS

DORA STREET UTILITY IMPROVEMENT PROJECT shall be performed in accordance with the Plans and Special Provisions therefor adopted, to which special reference is hereby made.

Each bidder must supply all the information required by the bid documents and Special Provisions.

Minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color or national origin in consideration for an award of any contract entered into pursuant to this advertisement. Women will be afforded equal opportunity in all areas of employment. However, the employment of women shall not diminish the standards or requirements for the employment of minorities.

All proposals or bids shall be accompanied by a cashier's check or certified check payable to the order of the City of Ukiah amounting to 10 percent of the bid, or by a bond in said amount and signed by the bidder and a corporate surety, payable to said City. Said check shall be forfeited, or said bond shall become payable to said City in case the bidder depositing the same does not, within fifteen (15) days after written notice that the contract has been awarded to him: (a) enter into a contract with the City and (b) furnish certificates of insurance and endorsements, a bond of faithful performance and a payment bond as described in the Special Provisions.

No bidder shall withdraw his or her bid for a period of thirty (30) calendar days after the date set by the City for the opening thereof.

The Contractor and any subcontractors shall each possess a valid City of Ukiah Business License prior to the start of any work.

The Contractor shall furnish a project schedule to the Engineer prior to the start of any work and start work as scheduled.

The work is to be completed within **one hundred and eighty (180) working days**. The Contractor will pay to the City the sum of five hundred (\$500.00) dollars per day for each and every calendar day's delay beyond the time prescribed.

The staff shall notify a bidder by telephone, email or fax, if it intends to recommend the rejection of the bidder's bid. Any bid protest must be filed with the City Clerk not more than five calendar days following the bid opening, or 2 calendar days following notice that staff is recommending the rejection of a bid. If any such timely written protest is filed, all bidders shall be provided a copy of the protest within 2 calendar days of its receipt, which may be delivered to the bidders as an email attachment or by fax. All such bidders may file with the City Manager a written objection or other response to the protest.

All objections or responses filed not more than 5 days after receipt of the written protest will be presented to the City Council at its next regular meeting occurring not less than 12 calendar days following the bid opening. The City Council will resolve the bid protest at that meeting based on the written protest, any staff recommendation and all timely written objections and responses. In accordance with the Brown Act, any person may address the City Council on this item during the meeting. The City Council action on the protest shall represent a final decision by the City on the protest.

Examination of Site, Drawings, Etc.

Each bidder shall visit the site of the proposed work and fully acquaint himself with local conditions, construction and labor required so that he or she may fully understand the facilities, difficulties and restrictions attending the execution of the work under the Contract. Bidders shall thoroughly examine and be familiar with the Plans and Special Provisions. The failure of any bidder to receive or examine any form, instrument, addendum, or other document, or to visit the site and acquaint himself with conditions there existing, shall in no way relieve the bidder from any obligation with respect to his or her proposal or to the contract. The drawings for the work show conditions as they are supposed or believed by the Engineer to exist; but, it is neither intended nor shall it be inferred that the conditions as shown thereon constitute a representation by the Engineer, the City or its officers that such conditions are actually existent, nor shall the City, the Engineer or any of their officers or representatives be liable for any loss sustained by the Contractor as a result of a variance between the conditions shown on the drawings and the conditions actually revealed during the progress of the work or otherwise.

The bidder's attention is directed to the possible existence of obstructions and public improvements within the limits of the work or adjacent thereto, which may or may not be shown on the Drawings. Any bid shall take into consideration that conditions may exist underground or otherwise that are not known to the City or easily detected during a site inspection that could impact the time or cost of completing the project. The City expects the bids to anticipate such conditions so that it can know for budgeting and other purposes the total cost to complete the project before accepting a bid and undertaking the legal obligation to construct the project. In awarding the contract the City relies on the contractor's representation that its bid anticipates differing site conditions and the additional time or cost that such conditions may necessitate.

The bidder shall investigate to his or her satisfaction the conditions to be encountered, the character, quality and quantities of work to be performed and materials to be furnished and the requirements of the Plans, Special Provisions, Standard Specifications, Standard Plans, and Contract Documents. The submission of a proposal shall be considered conclusive evidence that the bidder has made such examination and has accepted the project workplace as a safe workplace to perform the work of the Contract.

Bidder Inquiries and Questions

Inquiries and questions must be submitted in writing via fax or email to the following designated contact person:

Mary Horger, Financial Services Manager

Fax: (707) 313-3621

Email: mhorger@cityofukiah.com

The City reserves the right to not respond to inquiries or questions submitted within 3 business days of the bid opening.

Location of the Work

All of the work to be performed is within the City of Ukiah. Project is located at the following locations:

- Dora Street between West Mill Street and Grove Avenue
- West Clay Street from Dora Street to South Pine Street
- Walnut Avenue from Dora Street to North Bush Street
- North Bush Street from Walnut Avenue to Grove Avenue

GENERAL CONDITIONS

SECTION 1. PROPOSAL REQUIREMENTS AND GENERAL CONDITIONS

1-01. Definitions. Whenever any word or expression defined in this section, or pronoun used in its stead, occurs in these contract documents, it shall have and is mutually understood to have the meaning given:

- a. "City of Ukiah" or "City" shall mean the City of Ukiah, Mendocino County, California, acting through its City Council or any other board, body, official or officials to which or to whom the power belonging to the Council shall by virtue of any act or acts, hereafter pass or be held to appertain.
- b. "Engineer" shall mean the Engineer duly and officially appointed by the City to supervise and direct the work of construction under this contract, acting personally or through agents or assistants duly authorized by him, such agents or assistants acting within the scope of the particular duties entrusted to them.
- c. "Inspector" shall mean the engineering or technical inspector or inspectors duly authorized or appointed by the Engineer, limited to the particular duties entrusted to him or her or them.
- d. "Contractor" shall mean the party entering into contract with the City of Ukiah for the performance of work covered by this contract and his or her authorized agents or legal representatives.
- e. "Date of signing of contract" or words equivalent thereto, shall mean the date upon which this contract, with the signature of the Contractor affixed, together with the prescribed bonds, shall be or shall have been delivered to the City or its duly authorized representatives.
- f. "Day" or "days", unless herein otherwise expressly defined, shall mean a calendar day or days of twenty-four hours each.
- g. "The work" shall mean and include all the work specified, indicated, shown or contemplated in the contract to construct the improvement, including all alterations, amendments or extensions thereto made by contract change order or other written orders of the Engineer.
- h. "Contract drawings", "drawings", "plans" shall mean and include 1) all drawings or plans which may have been prepared by or on behalf of the City, as a basis for proposals, when duly signed and made a part of this contract by incorporation or reference, 2) all drawings submitted in pursuance of the terms of this contract by the successful bidder with his or her proposal and by the Contractor to the City if and when approved by the Engineer and 3) all drawings submitted by the Engineer to the Contractor during the progress of the work as provided for herein.
- i. Where "as shown", "as indicated", "as detailed" or words of similar import are used, it shall be understood that reference to the drawings accompanying these Special Provisions is made unless stated otherwise.

Where "as directed", "as permitted", "approved" or words of similar import are used, it shall be understood that the direction, requirements, permission, approval or acceptance of the Engineer is intended unless stated otherwise.

As used herein, "provide" or "install" shall be understood to mean "provide or install complete in place", that is, "furnish and install". "Shall" is mandatory; "may" is permissive.

1-02. Examination of Plans, Special Provisions and Site of Work. The bidder shall examine carefully the Proposal, Plans, Special Provisions, Contract forms and the site of the work contemplated therefor. It will be assumed that the bidder has investigated to his or her satisfaction the conditions to be encountered and the character, quality and requirements of all Plans, Special Provisions, Standard Specifications, and Standard Plans involved.

1-03. Proposal. Bids shall be made on the blank forms prepared by the City. All bids shall give the prices bid, both in writing and in figures and shall be signed by the bidder or his or her authorized representative, with his or her address. If the bid is made by an individual or partner, his or her name and the post office address of his or her business or partnership, along with his or her signature or the signature of one or more partners must be shown; if made by a corporation, the bid shall show the name of the state under the laws of which the corporation is chartered, the name of the corporation and the title of the person who signs on behalf of the corporation.

Each proposal shall be enclosed in a sealed envelope, endorsed as specified in the notice to bidders. Bidders are warned against making erasures or alterations of any kind and proposals which contain omissions, erasures, conditions, alterations, additions not called for, additional proposals or irregularities of any kind may be rejected.

1-04. Withdrawal of Bids. Any bid may be withdrawn at any time prior to the hour fixed in the notice to bidders for the openings of bids, provided that a request in writing, executed by the bidder or his or her duly authorized representative, for the withdrawal of such bid is filed with the City. The withdrawal of a bid will not prejudice the right of a bidder to file a new bid.

1-05. Public Opening of Bids. Bids will be opened and read publicly at the time and place indicated in the notice to bidders. Bidders or their agents are invited to be present.

1-06. Bid Guaranty. Each bid must be accompanied by a certified check, cashier's check or bidder's bond executed by an admitted surety insurer, payable to the order of the City of Ukiah in an amount not less than 10 percent of the bid as a guarantee that the bidder will enter into a contract, if awarded the work.

1-07. Qualification of Bidders. No contractor or subcontractor may be listed on a bid proposal for a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)]. No contractor or subcontractor may be awarded a contract for public work on a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5. The prime contractor shall be responsible for posting job site notices as prescribed by regulation. This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

Each bidder shall be licensed under the provisions of Chapter 9, Division 3 of the Business and Professions Code and shall be skilled and regularly engaged in the general class or type of work called for under this contract. A statement setting forth this experience and business standing shall be submitted by each bidder on the form provided herewith. It is the intention of the City to award a contract only to a bidder who furnishes satisfactory evidence that he or she has the requisite experience and ability and that he or she has sufficient capital, facilities and equipment to enable him or her to prosecute the work successfully and promptly within the time and in the manner agreed.

In determining the degree of responsibility to be credited to a bidder, the City may weigh evidence that the bidder or his or her personnel charged with the responsibility in the work, has performed satisfactorily other contracts of like nature and magnitude or comparable difficulty at similar rates of progress.

1-08. Disqualification of Bidders. More than one bid from an individual business, partnership, corporation or association, under the same or different names, will not be considered. Reasonable grounds for believing that any bidder is financially interested in more than one bid for the work will cause the rejection of all bids in which he or she is so interested. If there is reason to believe that collusion exists among the bidders, none of the participants in such collusion will be considered. Bids in which the prices obviously are unbalanced may be rejected.

1-09. Identification of Subcontractors. All bids shall comply with the Subletting and Subcontracting Fair Practices Act (Public Contract Code Section 4100 and following) and shall set forth:

- (a) The name and the location of the place of business of each subcontractor who will perform work or labor, or render service to the prime contractor in or about the construction of the work, or to a subcontractor licensed by

the State of California who, under subcontract to the prime contractor, specially fabricates and installs a portion of the work according to detailed drawings contained in the plans and Special Provisions, in an amount in excess of one-half of 1 percent of the prime contractor's total bid.

(b) The portion of the work which will be done by each such subcontractor. The prime contractor shall list only one subcontractor for each such portion defined by the prime contractor in his or her bid.

1-10. General Provisions of the Standard Specifications. All provisions of the General Provisions, Sections 1 through 11, of the Standard Specifications, shall be applicable to the contract except as modified by these Special Provisions. The Standard Specifications are set forth in Section 12-06 of these Special Provisions.

1-11. Addenda. If it becomes necessary to revise any part of these plans and specifications after they have been released, the City will issue an addendum containing the revision. All addenda will be posted on the City's website at www.cityofukiah.com/purchasing with the rest of the bid documents. Anyone who intends to submit a bid in response to this Request for Bid must check the website frequently for any posted addenda. Anyone submitting a bid will be deemed to have seen and agreed to be bound by the posted addenda.

SECTION 2. AWARD AND EXECUTION OF CONTRACT

2-01. Award of Contract. Award of the contract, if it be awarded, will be to the lowest responsible bidder whose bid complies with all the specified requirements. The award, if made, will be made within thirty (30) days after opening of the bids. The City reserves the right to reject any and all bids and to waive any irregularity in the proposal not pertaining to cost.

2-02. Return of Proposal Guaranties. All bid guaranties will be held until the contract has been fully executed, after which they will be returned upon request to the respective bidders whose bids they accompany.

2-03. Execution of Contract. The contract agreement shall be executed in duplicate by the successful bidder and returned, together with the contract bonds, insurance certificates and endorsements, within fifteen (15) days after written notice of the award of the contract. After execution by the City; one copy shall be filed with the City and one copy shall be returned to the Contractor. If the bidder fails or refuses to enter into the contract agreement within the required time, then the bid guaranty accompanying the bid shall be forfeited to the City.

SECTION 3. SCOPE AND INTENT OF CONTRACT

3-01. Effect of Inspection and Payments. Neither the inspection by the Engineer or an inspector, nor any order, measurement or approved modification, nor certificate or payment of money, nor acceptance of any part or whole of the work, nor any extension of time, nor any possession by the City or its agents, shall operate as a waiver of any provision of this contract or of any power reserved therein to the City, or of any right to damages thereunder; nor shall any breach of this contract be held to be a waiver of any subsequent breach. All remedies shall be construed as cumulative.

3-02. Effect of Extension of Time. The granting of any extension of time on account of delays which, in the judgement of the City, are avoidable delays shall in no way operate as a waiver on the part of the City of its rights under this contract.

3-03. Extra Work. If extra work orders are given in accordance with provisions of this contract, such work shall be considered a part hereof and shall be subject to each and all of its terms and requirements.

3-04. Assignment of Contract. The contract may be assigned or sublet in whole or in part only upon the written consent of the City acting through its authorized agents. Consent will not be given to any proposed assignment which would relieve the original contractor or its surety of their responsibilities under the contract nor will the Engineer consent to any assignment of a part of the work under the contract.

3-05. Subcontractors. The Contractor shall be as fully responsible for the acts and omissions of his or her subcontractors and of persons either directly or indirectly employed by them, as he or she is for the acts and omissions of persons directly employed by him.

The Contractor shall cause appropriate provisions to be inserted in all subcontracts relative to the work to bind subcontractors to the terms of this Contract which are applicable to the work of subcontractors.

Nothing contained in this contract shall be construed to create or shall be relied upon to create any contractual relationship between any subcontractor and the City and no action may be brought by any subcontractor against the City based on this contract.

3-06. Interpretation of Special Provisions and Drawings. The Special Provisions and the Contract Drawings are intended to be explanatory of each other. Any work indicated in the Contract Drawings and not in the Special Provisions, or vice versa, is to be executed as if indicated in both. In case of a discrepancy or conflict between the Technical Specifications and Contract Plans, the Technical Specifications shall govern. All work shown on the Contract Drawings, the dimensions of which are not figured, shall be accurately followed to the scale to which the drawings are made, but figured dimensions are in all cases to be followed, where given, though they differ from scaled measurements. Large scale drawings shall be followed in preference to small scale drawings. Should it appear that the work to be done, or any of the matters relative thereto, are not sufficiently detailed or explained in these contract documents, including the contract drawings, the Contractor shall apply to the Engineer for such further explanations as may be necessary and shall conform thereto as part of this contract, so far as may be consistent with the terms of this contract. In the event of any doubt or questions arising respecting the true meaning of the Special Provisions, reference shall be made to the Engineer and his or her decision thereon shall be final. If the Contractor believes that a clarification or interpretation justifies an increase in the contract price or contract time, the Contractor must comply with the written notice provisions of Sections 9-05 and 10-07 of these Special Provisions. Contractor's attention is directed to Section 12-06 of the Technical Specifications regarding the Standard Specifications and Standard Plans.

3-07. Addenda. If it becomes necessary to revise any part of these plans and specifications after they have been released, the City will issue an addendum containing the revision. All addenda will be posted on the City's website at www.cityofukiah.com/purchasing with the rest of the bid documents. Anyone who intends to submit a bid in response to this Request for Bid must check the website frequently for any posted addenda. Anyone submitting a bid will be deemed to have seen and agreed to be bound by the posted addenda.

3-08. Liability of City Officials. No city official, nor the Engineer, nor any authorized assistant of any of them, shall be personally responsible for any liability arising under this contract.

3-09. Dispute Resolution. Claims of \$375,000 or less by the Contractor that arise under this Contract are subject to the mandatory dispute resolutions provisions in Public Contract Code Sections 20104-20104.6.

SECTION 4. BONDS

4-01. Faithful Performance Bond. As a part of the execution of this contract, the Contractor shall furnish a bond of a surety company or other securities providing equivalent protection such as cash, letter of credit, or certificates of deposit, acceptable to the City, conditioned upon the faithful performance of all covenants and stipulations under this contract. The amount of the bond shall be 100 percent of the total contract price, as this sum is set forth in the agreement.

4-02. Material and Labor Bond. As a part of the execution of this contract, the Contractor shall furnish a bond of a surety company or other securities providing equivalent protection such as cash, letter of credit or certificates of deposit acceptable to the City in a sum not less than 50 percent of the total contract price, as this sum is set forth in the agreement for the payment in full of all persons, companies or corporations who perform labor upon or furnish materials to be used in the work under this contract, in accordance with the provisions of Sections 3247 through 3252 inclusive of the Civil Code of the State of California and any acts amendatory thereof.

4-03. Defective Material and Workmanship Bond. As a condition precedent to the completion of this contract, the Contractor shall furnish a bond of a surety company acceptable to the City in an amount not less than 5 percent (5%) of the final contract price, to hold good for a period of one (1) year after the completion and acceptance of the work, to protect the City against the results of defective materials, workmanship and equipment during that time. This bond shall be delivered to the City before the final payment under this contract will be made.

4-04. Notification of Surety Companies. The surety companies shall familiarize themselves with all of the conditions and provisions of this contract and they waive the right of special notification of any change or modification of this contract or of extension of time, or decreased or increased work, or of the cancellation of the contract, or of any other act or acts

by the City or its authorized agents, under the terms of this contract; and failure to so notify the aforesaid surety companies of changes shall in no way relieve the surety companies of their obligation under this contract.

SECTION 5. INSURANCE REQUIREMENTS FOR CONTRACTORS (WITH CONSTRUCTION RISKS)

Contractor shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Contractor, his or her agents, representatives, employees or subcontractors.

5-01. Minimum Scope of Insurance

Coverage shall be at least as broad as:

1. Insurance Services Office Commercial Liability Coverage (occurrence form CG 0001).
2. Insurance Services Office form number CA 0001 (Ed. 1/87) covering Automobile Liability, code 1 (any auto).
3. Worker's Compensation insurance as required by the State of California and Employer's Liability Insurance.
4. Course of Construction insurance covering for "all risks" of loss.

5-02. Minimum Limits of Insurance

Contractor shall maintain limits no less than:

1. General Liability: \$2,000,000 per occurrence for bodily injury, personal injury and property damage including operations, products and completed operations. If Commercial General Liability Insurance or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit.
2. Automobile Liability: \$2,000,000 per accident for bodily injury and property damage.
3. Employer's Liability: \$1,000,000 per accident for bodily injury and property damage.
4. Course of Construction: Completed value of the project with no co-insurance penalty provisions.

5-03. Deductibles and Self-insured Retentions. Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of the City, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the City, its officers, officials, employees and volunteers; or the Contractor shall provide a financial guarantee satisfactory to the City guaranteeing payment of losses and related investigations, claim administration and defense expenses.

5-04. Other Insurance Provisions

The general liability and automobile liability policies are to contain, or be endorsed to contain, the following provisions:

1. The City, its officers, officials, employees and volunteers are to be covered as Additional Insured with respect to liability arising out of automobiles owned, leased, hired or borrowed by or on behalf of the contractor; and with respect to liability arising out of work or operations performed by or on behalf of the Contractor including materials, parts or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to the Contractor's insurance, or as a separate owner's policy.
2. The workers' compensation policy is to be endorsed with a waiver of subrogation. The insurance company, in its endorsement, agrees to waive all rights of subrogation against the City, its officers, officials, employees and volunteers for losses paid under the terms of this policy which arises from the work performed by the named insured for the City.
3. For any claims related to this project, the Contractor's insurance coverage shall be primary insurance as respects the City, its officers, officials, employees or volunteers. Any insurance or self-insurance maintained by the City,

its officers, officials, employees or volunteers shall be excess of the Contractor's insurance and shall not contribute with it.

4. Each insurance policy required by this clause shall be endorsed to state that coverage shall not be canceled by either party, except after thirty (30) days' prior written notice by certified mail, return receipt requested, has been given to the City.
5. Coverage shall not extend to any indemnity coverage for the active negligence of the additional insured in any case where an agreement to indemnify the additional insured would be invalid under Subdivision (b) of Section 2782 of Civil Code.
6. Course of Construction policies shall contain the following provisions:
 - a.) The City shall be named as loss payee.
 - b.) The insurer shall waive all rights of subrogation against the City.

5-05. Acceptability of Insurers

Insurance is to be placed with insurers with a current A.M. Best's rating of no less than the following:

A++ VII	A- VIII
A+ VII	B++ X
A VII	B+ X

5-06. Verification of Coverage. Contractor shall furnish the City with original certificates and amendatory endorsements effecting coverage required by this clause. The endorsements shall be on forms provided by the City or on other than the City's forms, provided those endorsements or policies conform to the requirements. All certificates and endorsements are to be received within 15 days from written notice of contract award, and the work shall not commence until the certificates and endorsements have been approved by the City. The City reserves the right to require complete certified copies of all required insurance policies, including endorsements affecting the coverage required by these Special Provisions at any time.

5-07. Subcontractors. Contractor shall include all subcontractors as insureds under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverages for subcontractors shall be subject to all of the requirements stated herein.

SECTION 6. RESPONSIBILITIES AND RIGHTS OF CONTRACTOR

6-01. Legal Address of Contractor. Both the address given in the proposal and the Contractor's office in the vicinity of the work are hereby designated as places to either of which drawings, samples, notices, letters or other articles or communications to the Contractor may be mailed or delivered. The delivery at either of these places of any such thing from the City or its agents to the Contractor shall be deemed sufficient service thereof upon the Contractor and the date of such service shall be the date of such delivery. The address named in the proposal may be changed at any time by notice in writing from the Contractor to the City. Nothing herein contained shall be deemed to preclude or render inoperative the service of any drawing, sample, notice, letter or other article or communication to or upon the Contractor personally.

6-02. Office of Contractor at Site. During the performance of this contract, the Contractor shall maintain a suitable office at the site of the work which shall be the headquarters of a representative authorized to receive drawings and any such thing given to the said representatives or delivered at the Contractor's office at the site of work in his or her absence shall be deemed to have been given to the Contractor.

6-03. Attention to Work. The Contractor shall give his or her personal attention to and shall supervise the work to the end that it shall be prosecuted faithfully and when he or she is not personally present on the work, he or she shall at all reasonable times be represented by a competent superintendent or foreman who shall receive and obey all instructions or orders given under this contract and who shall have full authority to execute the same and to supply materials, tools and labor without delay and who shall be the legal representative of the Contractor. The Contractor shall be liable for the faithful observance of any instructions delivered to him or her or to his or her authorized representative.

6-04. Liability of Contractor. The Contractor shall do all of the work and furnish all labor, materials, tools and appliances, except as otherwise herein expressly stipulated, necessary or proper for performing and completing the work herein required in the manner and within the time herein specified. The mention of any specific duty or liability imposed upon the Contractor shall not be construed as a limitation or restriction of any general liability or duty imposed upon the Contractor by this contract, said reference to any specific duty or liability being made herein merely for the purpose of explanation.

The right of general supervision by the City shall not make the Contractor an agent of the City and the liability of the Contractor for all damages to persons or to public or private property, arising from the Contractor's execution of the work, shall not be lessened because of such general supervision.

Until the completion and final acceptance by the City of all the work under and implied by this contract, the work shall be under the Contractor's responsible care and charge. The Contractor shall rebuild, repair, restore and make good all injuries, damages, re-erections and repairs, occasioned or rendered necessary by causes of any nature whatsoever, excepting only acts of God and none other, to all or any portions of the work, except as otherwise stipulated.

To the fullest extent permitted by law, Contractor shall indemnify and hold harmless the City and its officers, directors, agents and employees from and against all claims, damages, losses and expenses including but not limited to attorneys' fees, costs of suit, expert witness fees and expenses and fees and costs of any necessary private investigators arising out of or resulting from the performance of the work, provided that any such claim, damage, loss or expense (1) is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property, other than the work itself, including the loss of use resulting therefrom and (2) is caused in whole or in part by any act or omission of the Contractor, any subcontractor, or anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder, or by the negligence or omission of a party indemnified herein.

In any and all claims against the City or any of its agents or employees by any employee of the Contractor, any subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, the indemnification obligation shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the Contractor or any subcontractor under workers' or workmen's compensation acts, disability benefit acts, or other employee benefit acts. The obligation to indemnify shall extend to and include acts of the indemnified party which may be negligent or omissions which may cause negligence.

The City shall have the right to estimate the amount of such damage and to cause the City to pay the same and the amount so paid for such damage shall be deducted from the money due the Contractor under this contract; or the whole or so much of the money due or to become due the Contractor under this contract as may be considered necessary by the City, shall be retained by the City until such suits or claims for damages shall have been settled or otherwise disposed of and satisfactory evidence to that effect furnished to the City.

6-05. Protection of Persons and Property. The Contractor shall furnish such watchman, guards, fences, warning signs, walks and lights as shall be necessary and shall take all other necessary precautions to prevent damage or injury to persons or property.

All property line fences and improvements in the vicinity of the work shall be protected by the Contractor and, if they are injured or destroyed, they and any other property injured by the Contractor, his or her employees or agents, shall be restored to a condition as good as when he or she entered upon the work.

6-06. Protection of City Against Patent Claims. All fees, royalties or claims for any patented invention, article or method that may be used upon or in any manner connected with the work under this contract shall be included in the price bid for the work and the Contractor and his or her sureties shall protect and hold the City, together with all of its officers, agents, servants and employees, harmless against any and all demands made for such fees or claims brought or made on account of this contract. The Contractor shall, if requested by the Engineer, furnish acceptable proof of a proper release from all such fees or classes.

Should the Contractor, his or her agents, servants or employees, or any of them be enjoined from furnishing or using any invention, article, material or appliance supplied or required to be supplied or used under this contract, the Contractor shall promptly substitute other articles, materials or appliance, in lieu thereof, of equal efficiency, quality, finish, suitability and market value and satisfactory in all respects to the Engineer. Or, in the event that the Engineer elects, in lieu of such substitution, to have supplied and to retain and use, any such invention, article, material or appliance, as may be by this

contract be required to be supplied, in that event the Contractor shall pay such royalties and secure such valid licenses as may be requisite and necessary for the City, its officers, agents, servants and employees, or any of them, to use such invention, article, material or appliance without being disturbed or in any way interfered with by any proceeding in law or equity on account thereof. Should the Contractor neglect or refuse to make the substitution promptly, or to pay such royalties and secure such licenses as may be necessary, then in that event the Engineer shall have the right to make such substitution, or the City may pay such royalties and secure such licenses and charge the cost thereof against any money due to the Contractor from the City or recover the amount thereof from him or her and his or her sureties notwithstanding final payment under this contract may have been made.

6-07. Protection of Contractor's Work Property. The Contractor shall protect his or her work, supplies and materials from damage due to the nature of the work, the action of the elements, trespassers, or any cause whatsoever under his or her control, until the completion and acceptance of the work. Neither the City nor any of its agents assumes any responsibility for collecting indemnity from any person or persons causing damage to the work of the Contractor.

6-08. Regulations and Permits. The Contractor shall secure and pay for all permits, give all notices and comply with all laws, ordinances, rules and regulations bearing on the conduct of the work as drawn and specified. If the Contractor observes that the Plans and Special Provisions are at variance therewith, he or she shall promptly notify the Engineer in writing and any necessary changes shall be adjusted as provided in the contract for changes in the work. The contractor and any subcontractors shall each secure and maintain a valid City of Ukiah Business License. The City of Ukiah will issue a no fee encroachment permit to the Contractor allowing him or her to perform work within City right of way or within City property after the Contract Documents have been executed and insurance certificates and endorsements have been approved by the City.

6-09. Construction Utilities. The Contractor shall be responsible for providing for and in behalf of his or her work under this contract, all necessary utilities, such as special connection to water supply, telephones, power lines, fences, roads, watchmen, suitable storage places, etc.

6-10. Approval of Contractor's Plans. The approval by the Engineer of any drawing or any method of work proposed by the Contractor in accordance with paragraph 8-06 shall not relieve the Contractor of any of his or her responsibility for his or her errors therein and shall not be regarded as any assumption of risk or liability by the City or any officer or employee thereof and the Contractor shall have no claim under this contract on account of the failure or partial failure or inefficiency of any plan or method so approved. Such approval shall be considered to mean merely that the Engineer has no objection to the Contractor's using, upon his or her own full responsibility the plan or method approved.

6-11. Suggestions to the Contractor. Any plan or method of work suggested by the Engineer to the Contractor, but not specified or required, if adopted or followed by the Contractor in whole or in part, shall be used at the risk and responsibility of the Contractor; and the Engineer and the City shall assume no responsibility thereof.

6-12. Termination of Unsatisfactory Subcontracts. Should any subcontractor fail to perform in a satisfactory manner the work undertaken by him, such subcontract shall be terminated immediately by the Contractor upon notice from the Engineer.

6-13. Preservation of Stakes and Marks. The Contractor shall preserve carefully bench marks, reference points and stakes and in case of destruction he or she shall replace his or her stakes, reference points and bench marks and shall be responsible for any mistakes that may be caused by their unnecessary loss or disturbance. Contractor's attention is directed to Section 7-03 of these Special Provisions.

6-14. Assistance to Engineer. At the request of the Engineer the Contractor shall provide men from his or her force and tools, stakes and other materials to assist the Engineer temporarily in making measurements and surveys and in establishing temporary or permanent reference marks. Payment for such materials and assistance will be made as provided for under the caption "Extra Work," provided, however, that the cost of setting stakes and marks carelessly lost or destroyed by the Contractor's employees will be assessed to the Contractor.

6-15. Removal of Condemned Materials and Structures. The Contractor shall remove from the site of the work, without delay, all rejected and condemned materials or structures of any kind brought to or incorporated in the work and upon his or her failure to do so, or to make satisfactory progress in so doing, within forty-eight (48) hours after the service of a written notice from the Engineer, the condemned material or work may be removed by the City and the cost of such removal shall be taken out of the money that may be due or may become due the Contractor on account of or by virtue

of this contract. No such rejected or condemned material shall again be offered for use by the Contractor under this Contract.

6-16. Proof of Compliance with Contract. In order that the Engineer may determine whether the Contractor has complied with the requirements of this contract, not readily enforceable through inspection and tests of the work and materials, the Contractor shall, at any time when requested, submit to the Engineer properly authenticated documents or other satisfactory proofs as to his or her compliance with such requirements.

6-17. Errors and Omissions. If the Contractor, in the course of the work, finds any errors or omissions in plans or in the layout as given by survey points and instruction, or if he or she finds any discrepancy between the plans and the physical conditions of the locality, he or she shall immediately inform the Engineer, in writing and the Engineer shall promptly verify the same. Any work done after such discovery, until authorized, will be done at the Contractor's risk.

6-18. Cooperation. The Contractor shall cooperate with all other contractors who may be performing work in behalf of the City and workmen who may be employed by the City on any work in the vicinity of the work to be done under this contract with the work of such contractors or workmen. he or she shall make good promptly, at his or her own expense, any injury or damage that may be sustained by other contractors or employees of the City at his or her hands.

Any difference or conflict which may arise between the Contractor and other contractors, or between the contractor and workmen of the City in regard to their work shall be adjusted and determined by the Engineer. If the work of the Contractor is delayed because of any acts or omissions of any other contractor or of the City, the Contractor shall on that account have no claim against the City other than for an extension of time.

6-19. Right of Contractor to Stop Work. Under the following conditions the Contractor shall have the right, if he or she so desires, to stop the work and terminate the contract upon ten (10) days written notice to the Engineer and recover from the City payment for all work actually performed and for all satisfactory materials actually delivered to the site of the work for permanent incorporation therein, all as may be shown by the estimate of the Engineer.

- (1) If the work is stopped under an order of any court or other competent public authority for a period of time of three (3) months through no act or fault of the Contractor or of anyone employed by him.
- (2) If the Engineer fails to issue the monthly certificate for payment in accordance with the terms of this contract.
- (3) If the City fails to pay the Contractor within sixty (60) days after it shall have become due, as provided by the terms of this contract, any sum certified by the Engineer or awarded by the City.

All provided that if such action to terminate the contract be not instituted by the Contractor within ten (10) days after the alleged existence of such condition and if written notice of such action be not at that time delivered to the City and the Engineer, then such right shall lapse until another occasion arises according to this section.

6-20. Hiring and Dismissal of Employees. The Contractor shall employ only such foremen, mechanics and laborers as are competent and skilled in their respective lines of work and whenever the Engineer shall notify the Contractor that any person on the work is, in his or her opinion, incompetent, unfaithful, intemperate or disorderly, or refuses to carry out the provisions of this contract, or uses threatening or abusive language to any person on the work representing the City, or is otherwise unsatisfactory, such person shall be discharged immediately from the work and shall not be re-employed upon it except with the consent of the Engineer.

6-21. Wage Rates.

1. Contractor shall pay all mechanics and laborers employed or working upon the site of the work unconditionally and without subsequent deductions or rebate on any account the full amounts due at the time of payment at wage rates not less than those contained in the applicable prevailing wage determination, regardless of any contractual relationship which may be alleged to exist between the Contractor and subcontractors and such laborers and mechanics.
2. Contractor shall comply with the California Labor Code Section 1775. In accordance with said Section 1775, Contractor shall forfeit as a penalty to the Owner, \$50.00 (or the higher minimum penalty as provided in Section 1775(B)(ii) – (iii)) for each calendar day or portion thereof, for each workman paid less than the stipulated

prevailing rates for such work or craft in which such workman is employed for any work done under the Contract by him or her or by any subcontractor under him or her in violation of the provisions of the Labor Code and in particular, Labor Code Sections 1770 to 1780, inclusive. In addition to said penalty and pursuant to Section 1775, the difference between such stipulated prevailing wage rates and the amount paid to each workman for each calendar day or portion thereof for which each workman was paid less than the stipulated prevailing wage rate shall be paid to each workman by the Contractor.

3. Pursuant to the provision of Section 1770 of the Labor Code of the State of California, Owner has ascertained the general prevailing rate of wages (which rate includes employer payments for health and welfare, vacation, pension and similar purposes) applicable to the work to be done, for straight time work. The holiday wage rate listed shall be applicable to all holidays recognized in the collective bargaining agreement of the particular craft, classification or type of workmen concerned. Copies of the General Prevailing Wage Determination are available on the Internet at web address: <http://www.dir.ca.gov/DLSR/PWD> The Contractor shall post the wage determination at the site of work in a prominent place where it can easily be seen by the workers.
4. City will not recognize any claim for additional compensation because the Contractor has paid any rate in excess of the prevailing wage rate obtained by the Contractor. The possibility of wage increases is one of the elements to be considered by the Contractor in determining his or her bid and will not in any circumstances be considered as the basis for a claim against the City.
5. The Labor Commissioner through the Division of Labor Standards Enforcement (DLSE) may at any time require contractors and subcontractors to furnish electronic certified payroll records directly to DLSE. Commencing with contracts awarded or after April 1, 2015, all contractors and subcontractors must furnish electronic certified payroll records directly to the DLSE.
6. Travel and Subsistence Payments.

Contractor shall make travel and subsistence payments to each workman needed to execute the work in accordance with the requirements in Section 1773.8 of the Labor Code (Chapter 880, Statutes of 1968).

7. Apprentices.

Attention is directed to the provisions in Sections 1777.5 (Chapter 1411, Statutes of 1968) and 1777.6 of the California Labor Code concerning the employment of apprentices by the Contractor or any subcontractor under him. Contractor and any subcontractor under him or her shall comply with the requirements of said sections in the employment of apprentices.

Information relative to apprenticeship standards, wage schedules and other requirements may be obtained from the Director of Industrial Relations, ex officio the Administrator of Apprenticeship, San Francisco, California, or from the Division of Apprenticeship Standards and its branch offices.

6-22. Cleaning Up. The Contractor shall not allow the site of the work to become littered with trash and waste material, but shall maintain the same in a neat and orderly condition throughout the construction period. The Engineer shall have the right to determine what is or is not waste material or rubbish and the place and manner of disposal.

On or before the completion of the work, the Contractor shall without charge therefore carefully clean out all pits, pipes, chambers or conduits and shall tear down and remove all temporary structures built by him or her and shall remove rubbish of all kind from any of the grounds which he or she has occupied and leave them in first class condition.

6-23. Guaranty. All work shall be guarantied for a period of one year from the date of acceptance by the City. The Contractor shall promptly make all needed repairs arising out of defective materials, workmanship and equipment.

The City is hereby authorized to make such repairs if within ten days after the mailing of a notice in writing to the Contractor or his or her agent, the Contractor shall neglect to make or undertake with due diligence the aforesaid repairs, provided, however, that in case of an emergency where, in the opinion of the City delay would cause serious loss or damage, repairs may be made without notice being sent to the Contractor and the Contractor shall pay the costs thereof.

Pursuant to the provisions of Section 4-03 of these Special Provisions, the Contractor shall furnish a Defective Material and Workmanship Bond in an amount not less than 5 percent of the final contract price, which shall be effective for a period of one (1) year after the completion and acceptance of the work.

6-24. Public Notification. The contractor shall be responsible for all public notification regarding construction work within the subject intersection, including detours, lane and street closures, hours of operations, and notification of effected commercial businesses within 1000 feet of the construction. For any business impacted by construction, the contractor shall provide adequate sized on-site signage indicating that businesses are open during construction for pedestrian traffic. The contractor shall prepare public noticing via the newspaper, radio announcements, notification of the emergency vehicle agencies, public transit, school buses, County of Mendocino offices, the high school, junior high school, elementary schools effected by potential detours and street closures, with recommended alternate routes of travel. Through street access from will be restricted to businesses and residents only during construction days. All proposed detours, closures and traffic control methods shall be submitted to the Engineer for approval prior to noticing the public. All public noticing shall be performed a minimum of one week prior to instituting traffic control, and lane or street closures.

The tentative construction schedule shall be included in the public noticing, and the use of temporary traffic signalization of the intersection shall be noted All road closures, detour routes, and traffic control including temporary lane closure plans shall be submitted by the Contractor to the City Engineer for approval prior to public noticing and use.

SECTION 7. RESPONSIBILITIES AND RIGHTS OF CITY

7-01. Authority of the Engineer. All work done under this contract shall be done in a workmanlike manner and shall be performed to the reasonable satisfaction of the Engineer, who shall have general supervision of all work included hereunder. To prevent disputes and litigation, the Engineer (1) shall in all cases determine the amount, quality, acceptability and fitness of the several kinds of work and materials which are to be paid for under this contract, (2) shall decide all questions relative to the true construction, meaning and intent of the Special Provisions and Drawings, (3) shall decide all questions which may arise relative to the classifications and measurements of quantities and materials and the fulfillment of this contract and (4) shall have the power to reject or condemn all work or material which does not conform to the terms of this contract. his or her estimate and decision in all matters shall be a condition precedent to an appeal for arbitration, or the right of the Contractor to receive, demand, or claim any money or other compensation under this agreement and a condition precedent to any liability on the part of the City to the Contractor on account of this contract. Whenever the Engineer shall be unable to act, in consequence of absence or other cause, then such engineer as the Engineer or the City shall designate, shall perform any and all of the duties and be vested with any or all of the powers herein given to the Engineer.

7-02. Inspection. The City will provide engineering personnel for the inspection of the work.

The Engineer and his or her representatives shall at all times have access to the work whenever it is in preparation or progress and the Contractor shall provide proper facilities for such access and inspection.

If the Special Provisions, the Engineer's instruction, laws, ordinances, or any public authority require any work to be specially tested or approved, the Contractor shall give the Engineer timely notice of its readiness for inspection and, if the inspection is by an authority other than the Engineer, of the date fixed for such inspection. Inspections by the Engineer shall be promptly made at the source of supply where practicable. If any work shall be covered up without approval or consent of the Engineer, it must, if required by the Engineer, be uncovered for examination and properly restored at the Contractor's expense.

Re-examination of any work may be ordered by the Engineer and, if so ordered, the work must be uncovered by the Contractor. If such work is found to be in accordance with the contract documents, the City shall pay the cost of re-examination and replacement. If such work is not in accordance with the contract documents, the Contractor shall pay such cost.

Properly authorized and accredited inspectors shall be considered to be the representatives of the City limited to the duties and powers entrusted to them. It will be their duty to inspect materials and workmanship of those portions of the work to which they are assigned, either individually or collectively, under instructions of the Engineer and to report any and all deviations from the Drawings, Special Provisions and other contract provisions which may come to their notice.

Any inspector may be considered to have the right to order the work entrusted to his or her supervision stopped, if in his or her opinion such action becomes necessary, until the Engineer is notified and has determined and ordered that the work may proceed in due fulfillment of all contract requirements.

7-03. Surveys. Contractor shall furnish all land surveys, establish all base lines and bench marks and make sufficient detailed surveys needed for working points, lines and elevations. The Contractor shall develop all slope stakes and batter boards. Contractor shall also develop all additional working points, lines and elevations as he or she may desire to facilitate his or her methods and sequence of construction.

7-04. Rights-of-Way. The City will provide all necessary rights-of-way and easements in or beneath which work will be performed by the Contractor under this contract.

7-05. Retention of Imperfect Work. If any portion of the work done or material furnished under this contract shall prove defective and not in accordance with the Plans and Special Provisions, and if the imperfection in the same shall not be of sufficient magnitude or importance to make the work dangerous or undesirable, the Engineer shall have the right and authority to retain such work instead of requiring the imperfect work to be removed and reconstructed, but he or she shall make such deductions therefor in the payments due or to become due the Contractor as may be just and reasonable.

7-06. Changes in the Work. The Engineer shall have the right, in writing, to order additions to, omissions from, or corrections, alterations and modifications in the line, grade, form, dimensions, plan, or kind or amount of work or materials herein contemplated, or any part thereof, either before or after the beginning of construction. However, the arithmetical sum of the cost to the City of additions and subtractions from the work under this contract shall not exceed 10 percent of original contract amount or \$5,000, whichever is the greater, unless based upon a supplementary agreement to be made therefore.

The order of such additions, omissions, corrections, alterations and modifications shall be in writing and signed by the Engineer and, in order, shall then be binding upon the Contractor. The Contractor shall proceed with the work as changed and the value of such change shall be determined as provided for in section 10-07 of these Special Provisions.

Such alterations shall in no way affect, vitiate, or make void this contract or any part thereof, except that which is necessarily affected by such alterations and is clearly the evident intention of the parties to this contract.

7-07. Additional Drawings by City. The drawings made a part of this contract at the time of its execution are intended to be fairly comprehensive and to indicate in more or less detail the scope of the work. In addition to these drawings, however, the Engineer shall furnish such additional drawings from time to time during the progress of the work as are necessary to make clear or to define in greater detail the intent of the Special Provisions and the contract drawings and the Contractor shall make his or her work conform to all such drawings.

7-08. Additional and Emergency Protection. Whenever, in the opinion of the Engineer, the Contractor has not taken sufficient precautions for the safety of the public or the protection of the works to be constructed under this contract, or of adjacent structures or property which may be injured by the processes of construction on account of such neglect and whenever, in the opinion of the Engineer, an emergency shall arise and immediate action shall be considered necessary in order to protect public or private, personal or property interest, then and in that event, the Engineer, with or without notice to the Contractor may provide suitable protection to the said interests by causing such work to be done and such material to be furnished as shall provide such protection as the Engineer may consider necessary and adequate.

The cost and expense of such work and material so furnished shall be borne by the Contractor and, if the same shall not be paid on presentation of the bills therefor, then such costs shall be deducted from any amounts due or to become due the Contractor.

The performance of such emergency work under the direction of the Engineer shall in no way relieve the Contractor from any damages which may occur during or after such precaution has been taken by the Engineer.

7-09. Suspension of Work. The City may at any time suspend the work or any part thereof by giving five (5) days written notice to the Contractor. The work shall be resumed by the Contractor within ten (10) days after the date fixed in the written notice from the City to the Contractor so to do. The City shall reimburse the Contractor for expense incurred by the Contractor in connection with the work under this contract as a result of such suspension.

If the work, or any part thereof, shall be stopped by the notice in writing aforesaid and if the City does not give notice in writing to the Contractor to resume work at a date within ten (10) days of the date fixed in the written notice to suspend, then the Contractor may abandon that portion of the work so suspended and he or she will be entitled to the estimates and payments for all work done on the portions so abandoned, if any, plus 5 percent of the value of the work so abandoned, to compensate for loss of overhead, plant expense and anticipated profit.

7-10. Right of City to Terminate Contract. If the Contractor should be adjudged a bankrupt, or if he or she should make a general assignment for the benefit of his or her creditors, or if a receiver should be appointed on account of his or her insolvency, or if he or she should persistently or repeatedly refuse or should fail, except in cases for which extension of time is provided, to supply sufficient properly skilled workmen or proper materials, or if he or she should fail to make prompt payments to subcontractors or for material or labor, or persistently disregard laws, ordinances or the instructions of the Engineer, or otherwise be guilty of a substantial violation of any provision of the contract, then the City, upon the certificate of the Engineer that sufficient cause exists to justify such action, may, without prejudice to any other right or remedy and after giving the Contractor seven days written notice, terminate the employment of the Contractor and take possession of the premises and of all materials, tools and appliances and finish the work by whatever method the City may deem expedient. In such case, the Contractor shall not be entitled to receive any further payment until the work is finished. If the unpaid balance of the contract price shall exceed the expense of finishing the work, including compensation for additional managerial and administrative services, such excess shall be paid to the Contractor. If such expense shall exceed such unpaid balance, the Contractor shall pay the difference to the City. The expense incurred by the City as herein provided and the damage incurred through the Contractor's default, shall be certified by the Engineer.

7-11. Use of Completed Portions. The City shall have the right to take possession of and use any completed or partially completed portions of the work, notwithstanding the time for completing the entire work or such portions which may not have expired; but such taking possession and using shall not be deemed an acceptance of any work not completed in accordance with the contract documents. If such prior use increases the cost of or delays the work, the Contractor shall be entitled to such extra compensation, or extension of time or both, as the Engineer may determine.

SECTION 8. WORKMANSHIP, MATERIALS and EQUIPMENT

8-01. General Quality. Materials and equipment shall be new and of a quality equal to that specified or approved. Work shall be done and completed in a thorough and workmanlike manner.

8-02. Quality in Absence of Detailed Specifications. Whenever under this contract it is provided that the Contractor shall furnish materials or manufactured articles or shall do work for which no detailed specifications are set forth, the materials or manufactured articles shall be of the best grade in quality and workmanship obtainable in the market from firms of established good reputation, or, if not ordinarily carried in stock, shall conform to the usual standards for first-class materials or articles of the kind required, with due consideration of the use to which they are to be put. In general, the work performed shall be in full conformity and harmony with the intent to secure the best standard of construction and equipment of the work as a whole or in part.

8-03. Materials and Equipment Specified by Name. Whenever any material or equipment is indicated or specified by patent or proprietary name or by the name of the manufacturer, such specification shall be considered as used for the purpose of describing the material or equipment desired and shall be considered as followed by the words "or approved equal". The Contractor may offer any material or equipment which shall be equal in every respect to that specified, provided that written approval first is obtained from the Engineer.

8-04. Source of Materials. Price, fitness and quality being equal, preference shall be given by the Contractor for supplies grown, manufactured or produced in the State of California and, next, for such products partially produced in this State in accordance with Government Code Section 4332.

8-05. Storage of Materials. Materials shall be so stored to ensure the preservation of their quality and fitness for the work. They shall be so located and disposed that prompt and proper inspection thereof may be made.

8-06. Drawings, Samples and Tests. As soon as possible after execution of the contract, the Contractor shall submit to the Engineer, in quintuplicate, sufficient information including, if necessary, assembly and detail drawings to demonstrate fully that the equipment and materials to be furnished comply with the provisions and intent of these Special Provisions and Drawings. If the information thus submitted indicates the equipment or materials is acceptable, the

Engineer will return one copy stamped with his or her approval; otherwise, one copy will be returned with an explanation of why the equipment or material is unsatisfactory. The Contractor shall have no claims for damages or for extension of time on account of any delay due to the revision of drawings or rejection of material. Fabrication or other work performed in advance of approval shall be done entirely at the Contractor's risk. After approval of equipment or material, the Contractor shall not deviate in any way from the design and specifications given without the written consent of the Engineer.

When requested by the Engineer, a sample or test specimens of the materials to be used or offered for use in connection with the work shall be prepared at the expense of the Contractor and furnished by him or her in such quantities and sizes as may be required for proper examination and tests, with all freight charges prepaid and with information as to their sources.

All samples shall be submitted before shipment and in ample time to permit the making of proper tests, analyses, or examination before the time at which it is desired to incorporate the material into the work. All tests of materials furnished by the Contractor shall be made by the Engineer. Samples shall be secured and tested whenever necessary to determine the quality of the material.

SECTION 9. PROSECUTION OF WORK

9-01. Equipment and Methods. The work under this contract shall be prosecuted with all materials, tools, machinery, apparatus and labor and by such methods as are necessary to the complete execution of everything described, shown, or reasonably implied. If at any time before the beginning or during the progress of the work, any part of the Contractor's plant or equipment, or any of his or her methods of execution of the work, appear to the Engineer to be unsafe, inefficient, or inadequate to insure the required quality or the rate of progress of the work, he or she may order the Contractor to increase or improve his or her facilities or methods and the Contractor shall comply promptly with such orders; but, neither compliance with such orders nor failure of the Engineer to issue such orders shall relieve the Contractor from his or her obligation to secure the degree of safety, the quality of the work and the rate of progress required of the Contractor. The Contractor alone shall be responsible for the safety, adequacy and efficiency of his or her plant, equipment and methods.

9-02. Time of Completion. The Contractor shall promptly begin the work under this contract and shall complete and make ready for full use all portions of the project made the subject of this contract within the time set forth in the agreement bound herewith.

9-03. Avoidable Delays. Avoidable delays in the prosecution or completion of the work shall include all delays which might have been avoided by the exercise of care, prudence, foresight and diligence on the part of the Contractor. The City will consider as avoidable delays within the meaning of this contract (1) delays in the prosecution of parts of the work, which may in themselves be unavoidable, but do not necessarily prevent or delay the prosecution of other parts of the work nor the completion of the whole work within the time herein specified, (2) reasonable loss of time resulting from the necessity of submitting plans to the Engineer for approval and from the making of surveys, measurements, inspections, and testing and (3) such interruptions as may occur in the prosecution of the work on account of the reasonable interference of other contractors employed by the City which do not necessarily prevent the completion of the whole work within the time herein specified.

9-04. Unavoidable Delays. Unavoidable delays in the prosecution or completion of the work under this contract shall include all delays which may result, through cause beyond the control of the Contractor and which he or she could not have provided against by the exercise of care, prudence, foresight and diligence. Orders issued by the City changing the amount of work to be done, the quantity of material to be furnished or the manner in which the work is to be prosecuted and unforeseen delays in the completion of the work of other contractors under contract with the City will be considered unavoidable delays, so far as they necessarily interfere with the Contractor's completion of the whole of the work. Delays due to normally adverse weather conditions will not be regarded as unavoidable delays. However, truly abnormal amounts of rainfall, temperatures or other weather conditions for the location of the work and time of year may be considered as unavoidable delays if those conditions necessarily cause a delay in the completion of the work.

9-05. Notice of Delays. Whenever the Contractor foresees any delay in the prosecution of the work and, in any event, immediately upon the occurrence of any delay which the contractor regards as an unavoidable delay, he or she shall notify the Engineer in writing of the probability of the occurrence of such delay and its cause, in order that the Engineer may take immediate steps to prevent, if possible, the occurrence or continuance of the delay, or, if this cannot be done,

may determine whether the delay is to be considered avoidable or unavoidable, how long it continues and to what extent the prosecution and completion of the work are to be delayed thereby.

9-06. Extension of Time. Should any delays occur which the Engineer may consider unavoidable, as herein defined, the Contractor shall, pursuant to his or her application, be allowed an extension of time proportional to said delay or delays, beyond the time herein set forth, in which to complete this contract; and liquidated damages for delay shall not be charged against the Contractor by the City during an extension of time granted because of unavoidable delay or delays.

Any claim by Contractor for a time extension based on unavoidable delays shall be based on written notice delivered to the Engineer within 15 days of the occurrence of the event giving rise to the claim. Failure to file said written notice within the time specified shall constitute a waiver of said claim. Notice of the full extent of the claim and all supporting data must be delivered to the Engineer within 45 days of the occurrence unless the Engineer specifies in writing a longer period. All claims for a time extension must be approved by the Engineer and incorporated into a written change order.

9-07. Unfavorable Weather and Other Conditions. During unfavorable weather and other conditions, the Contractor shall pursue only such portions of the work as shall not be damaged thereby. No portions of the work whose satisfactory quality or efficiency will be affected by any unfavorable conditions shall be constructed while these conditions remain, unless, by special means or precautions approved by the Engineer, the Contractor shall be able to overcome them.

The Contractor shall be granted a time extension of one day for each unfavorable weather day which prevents him or her from placing concrete forms or placing and finishing concrete or asphalt concrete. Such unfavorable weather day is defined as a rain day where precipitation prevents the contractor from performing the work more than four (4) continuous hours within the authorized work period or a temperature day where the ambient temperature is below that specified for the placement of materials associated with the controlling work item for more than four (4) continuous work hours of the authorized work period.

9-08. Saturday, Sunday, Holiday and Night Work. No work shall be done between the hours of 6 p.m. and 7 a.m., nor on Saturdays, Sundays or legal holidays except such work as is necessary for the proper care and protection of work already performed, or except in cases of absolute necessity and in any case only with the permission of the Engineer.

It is understood, however, that night work may be established as a regular procedure by the Contractor if he or she first obtains the written permission of the Engineer and that such permission may be revoked at any time by the Engineer if the Contractor fails to maintain at night adequate force and equipment for reasonable prosecution and to justify inspection of the work.

9-09. Hours of Labor. Eight (8) hours of labor shall constitute a legal day's work and the Contractor or any subcontractor shall not require or permit more than eight hours of labor in a day from any person employed by him or her in the performance of the work under this contract, unless paying compensation for all hours worked in excess of eight (8) hours per day at not less than 1½ times the basic rate of pay. The Contractor shall forfeit to the City, as a penalty, the sum of twenty-five dollars (\$25.00) for each workman employed in the execution of the contract by him or her or by any subcontractor, for each calendar day during which such laborer, workman, or mechanic is required or permitted to labor more than eight hours in violation of the provisions of Section 1810 to 1816, inclusive, (Article 3, Chapter 1, Part 7, Division 2) of the Labor Code of the State of California and any acts amendatory thereof.

SECTION 10. PAYMENT

10-01. Certification by Engineer. All payments under this contract shall be made upon the presentation of certificates in writing from the Engineer and shall show that the work covered by the payments has been done and the payments thereof are due in accordance with this contract.

10-02. Progress Estimates and Payment. The Engineer shall, within the first seven (7) days of each month, make an estimate of the value of the work performed in accordance with this contract during the previous calendar month.

The first estimate shall be of the value of the work satisfactorily completed in place and meeting the requirements of the contract. And every subsequent estimate, except the final estimate, shall be of the value of the work satisfactorily completed in place since the last preceding estimate was made; provided, however, that should the Contractor fail to adhere to the program of completion fixed in this contract, the Engineer shall deduct from the next and all subsequent

estimates the full calculated accruing amount of the liquidated damages to the date of said estimate, until such time as the compliance with the program has been restored.

The estimate shall be signed by the Engineer and, after approval, the City shall pay or cause to be paid to the Contractor in the manner provided by law, an amount equal to 95 percent of the estimated value of the work satisfactorily performed and complete in place.

10-03. Substitution of Securities.

1. At such times that Public Contract Code Section 22300 is in effect Contractor may propose the substitution of securities of at least equal market value for any moneys to be withheld to ensure performance under the Contract. Market value shall be determined as of the day prior to the date such substitution is to take place. Such substitution shall be made at the request and expense of the Contractor. The securities shall be one or more of the following types:

- (a) Bonds or interest-bearing notes or obligations of the United States, or those for which the faith and credit of the United States are pledged for the payment of principal and interest.
- (b) Bonds or interest-bearing notes on obligations that are guaranteed as to principal and interest by a federal agency of the United States.
- (c) Bonds of the State of California, or those for which the faith and credit of the State of California are pledged for the payment of principal and interest.
- (d) Bonds or warrants, including, but not limited to, revenue warrants, of any county, city, metropolitan water district, California water district, California water storage district, irrigation district in the State of California, municipal utility district, or school district of the State of California, which are rated by Moody's or Standard and Poor as A or better.
- (e) Bonds, consolidated bonds, collateral trust debentures, consolidated debentures, or other obligations issued by federal land banks or federal intermediate credit banks established under the Federal Farm Loan Act, as amended; debentures and consolidated debentures issued by the Central Bank for Cooperatives and banks for cooperatives established under the Farm Credit Act of 1933, as amended; bonds, or debentures of the Federal Home Loan Bank Board established under the Federal Home Loan Bank Act; and stock, bonds, debentures and other obligations of the Federal National Mortgage Association established under the National Housing Act as amended and bonds of any Federal Home Loan Mortgage Corporation.
- (f) Commercial paper of "prime" quality as defined by a nationally recognized organization which rates such securities. Eligible paper is further limited to issuing corporations: (1) organized and operating within the United States; (2) having total assets in excess of five hundred million dollars (\$500,000,000); and (3) approved by the Pooled Money Investment Board of the State of California. Purchases of eligible commercial paper may not exceed 180 days' maturity, nor represent more than 10 percent of the outstanding paper of an issuing corporation.
- (g) Bills of exchange or time drafts on and accepted by a commercial bank, otherwise known as bankers acceptances, which are eligible for purchase by the Federal Reserve System.
- (h) Certificates of deposits issued by a nationally or state-chartered bank or savings and loan association.
- (i) The portion of bank loans and obligations guaranteed by the United States Small Business Administration or the United States Farmers Home Administration.
- (j) Student loan notes insured under the Guaranteed Student Loan Program established pursuant to the Higher Education Act of 1965, as amended (20 U.S.C. 1001, et seq.) and eligible for resale to the Student Loan Marketing Association established pursuant to Section 133 of the Education Amendments of 1972, as amended (20 U.S.C. 1087-2).
- (k) Obligations issued, assumed or guaranteed by International Bank for Reconstruction and Development, the Inter-American Development Bank, the Asian Development Bank, or the Government Development Bank of Puerto Rico.

(l) Bonds, debentures and notes issued by corporations organized and operating within the United States. Such securities eligible for substitution shall be within the top three ratings of a nationally recognized rating service.

2. The securities shall be deposited with City or with any commercial bank as escrow agent, who shall arrange for transfer of such securities to the Contractor upon satisfactory completion of the contract. Any interest accrued or paid on such securities shall belong to the Contractor and shall be paid upon satisfactory completion of the contract.

The market value of the securities deposited shall at all times be maintained in an amount at least equal, in the sole judgment of City, to the moneys to be withheld pursuant to the Contract Documents to ensure performance of the Contract. In order to comply with this condition, Contractor shall deposit additional securities as necessary upon request by City or the escrow agent.

3. Upon acceptance of any Proposal that includes substituting securities for amounts withheld to ensure performance, a separate escrow agreement satisfactory in form and substance to City shall be prepared and executed by City, the Contractor and the escrow agent, which may be City. The escrow agreement shall specify, among other matters, value of securities to be deposited; procedures for valuing the securities and for adding or withdrawing securities to maintain the market value of the deposited securities at least equal to the amount of moneys which would otherwise be withheld; the terms and conditions of conversion to cash in case of the default by the Contractor; and terms, conditions and procedure for termination of the escrow. City shall have no obligation to enter any such Agreement that does not provide the City with the unilateral right to convert securities to cash and to gain immediate possession of the cash.

10-04. Acceptance. The work must be accepted by vote of the City Council of the City of Ukiah when the whole shall have been completed satisfactorily. The Contractor shall notify the Engineer, in writing, of the completion of the work, whereupon the Engineer shall promptly, by personal inspection, satisfy himself as to the actual completion of the work in accordance with the terms of the contract and shall thereupon recommend acceptance by the City Council.

10-05. Final Estimate and Payment. The Engineer shall, as soon as practicable after the final acceptance of the work done under this contract, make a final estimate of the amount of work done thereunder and the value thereof.

Such final estimate shall be signed by the Engineer, and after approval, the City shall pay or cause to be paid to the Contractor, in the manner provided by law, the entire sum so found to be due hereunder, after deducting therefrom all previous payments and such other lawful amounts as the terms of this contract prescribe.

In no case will final payment be made in less than thirty-five (35) days after the filing of the notice of completion with the County Recorder.

10-06. Delay Payments. Should any payment due the Contractor or any estimate be delayed, through fault of the City beyond the time stipulated, such delay shall not constitute a breach of contract or be the basis for a claim for damages, but the City shall pay the Contractor interest on the amount of the payment at the rate of 6 percent per annum for the period of such delay. The terms for which interest will be paid shall be reckoned, in the case of any monthly or progress payment, from the twentieth day of the month next succeeding the month in which the work was performed to the date of payment of the estimate; and in the case of the final estimate, from the forty-fifth day after acceptance to the date of payment of the final estimate.

The date of payment of any estimate shall be considered the day on which the payment is offered or mailed as evidenced by the records of the Treasurer of the City. If interest shall become due on any delayed payment, the amount thereof, as determined by the City, shall be added to a succeeding payment. If the interest shall become due on the final payment, it shall be paid on a supplementary voucher to interest or any sum or sums which, by the terms of this contract, the City is authorized to reserve or retain.

10-07. Extra Work and Work Omitted. Whenever corrections, alterations, or modifications of the work under this contract ordered by the Engineer and approved by the City increase the amount of work to be done, such added work shall be known as "extra work"; and when such corrections, alterations, or modifications decrease the amount of work to be done, such subtracted work shall be known as "work omitted".

When the Contractor considers that any changes ordered involve extra work, he or she shall immediately notify the Engineer in writing and subsequently keep him or her informed as to when and where extra work is to be performed and shall make claim for compensation therefor each month not later than the first day of the month following that in which

the work claimed to be extra work was performed and he or she shall submit a daily complete statement of materials and labor used and expenses incurred on account of extra work performed, showing allocation of all materials, labor and expenses.

All such claims shall state the date of the Engineer's written order and the date of approval by the City authorizing the work on account of which claim is made. Unless such notification is made in writing within the time specified and unless complete statements of materials used and expenses incurred on account of such extra work are furnished as above required, the Contractor shall not be entitled to payment on account of extra work and Contractor shall be deemed to have waived the right to make any future claims for compensation for such extra work.

When changes decrease the amount of work to be done, they shall not constitute a claim for damages on account of anticipated profits on the work that may be omitted.

10-08. Compensation for Extra Work or Work Omitted. Whenever corrections, additions, or modifications in the work under this contract change the amount of work to be done or the amount of compensation due the Contractor, excepting increases or decreases in contract items having unit contract prices for each measurable quantity installed in place, and such changes have been ordered in writing by the Engineer and approved by the City prior to the Contractor performing the extra work, then a price may be agreed upon. Failing such an agreement in price, the Contractor shall be compensated for performing extra work pursuant to the provisions of Section 4-1.03 D, "Extra Work", and Section 9-1.03, "Force Account Payment" of the Standard Specifications.

This method of determining the price of work shall not apply to the performance of any work which is required or reasonably implied to be performed or furnished under this contract.

10-09. Compensation to the City for Extension of Time. In case the work called for under this contract is not completed within the time limit stipulated herein, the City shall have the right as provided hereinabove, to extend the time of completion thereof. If the time limit be so extended, the City shall have the right to charge to the Contractor and to deduct from the final payment for the work the actual cost to the City of engineering, inspection, superintendence and other overhead expenses which are directly chargeable to the contract and which accrue during the period of such extension, except that the cost of final unavoidable delays shall not be included in such charges.

10-10. Liquidated Damages for Delay. It is agreed by the parties to the contract that time is of the essence and that, in case all the work is not completed before or upon the expiration of the time limit as set forth, damage, other than those cost items identified in section 10-09, will be sustained by the City and that it is and will be impracticable to determine the actual amount of damage by reason of such delay; and it is therefore agreed that the Contractor will pay to the City the sum of five hundred dollars (\$500.00) per day for each and every calendar day's delay beyond the time prescribed.

SECTION 11. MISCELLANEOUS

11-01. Notice. Whenever any provision of the contract documents requires the giving of written notice, it shall be deemed to have been validly given if delivered in person to the individual or to a member of the firm or to an officer of the corporation for whom it is intended, or if delivered at or sent by registered or certified mail, postage prepaid, to the last business address known to the giver of the notice. If mailed, the notice shall be deemed received on the date of delivery stated in the return receipt.

11-02. Computation of Time. When any period of time is referred to in the Contract Documents by days, it shall be computed to exclude the first and include the last day of such period. If the last day of any such period falls on a Saturday or Sunday or on a day made a legal holiday by the law of the applicable jurisdiction, such day shall be omitted from the computation.

11-03. Claims Procedure Required by Public Contract Code Section 9204. This section shall apply to any claim by the Contractor arising in connection with this project in accordance with Public Contract Code Section 9204.

a. For purposes of this section "Claim" means a separate demand by the Contractor sent by registered mail or certified mail with return receipt requested, for one or more of the following:

(A) A time extension, including, without limitation, for relief from damages or penalties for delay assessed by the City under this contract.

(B) Payment by the City of money or damages arising from work done by, or on behalf of, the Contractor pursuant to this contract and payment for which is not otherwise expressly provided or to which the Contractor is not otherwise entitled.

(C) Payment of an amount that is disputed by the City.

b.

(A) Upon receipt of a claim pursuant to this section, the City shall conduct a reasonable review of the claim and, within a period not to exceed 45 days, shall provide the Contractor a written statement identifying what portion of the claim is disputed and what portion is undisputed. Upon receipt of a claim, a public entity and the contractor may, by mutual agreement, extend the time period provided in this subdivision.

(B) The Contractor shall furnish reasonable documentation to support the claim.

(C) If the City needs approval from its governing body to provide the Contractor a written statement identifying the disputed portion and the undisputed portion of the claim, and the governing body does not meet within the 45 days or within the mutually agreed to extension of time following receipt of a claim sent by registered mail or certified mail, return receipt requested, the City shall have up to three days following the next duly publicly noticed meeting of the governing body after the 45-day period, or extension, expires to provide the claimant a written statement identifying the disputed portion and the undisputed portion.

(D) Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the City issues its written statement. If the City fails to issue a written statement, paragraph (3) shall apply.

(2)

(A) If the Contractor disputes the City's written response, or if the City fails to respond to a claim issued pursuant to this section within the time prescribed, the Contractor may demand in writing an informal conference to meet and confer for settlement of the issues in dispute. Upon receipt of a demand in writing sent by registered mail or certified mail, return receipt requested, the City shall schedule a meet and confer conference within 30 days for settlement of the dispute.

(B) Within 10 business days following the conclusion of the meet and confer conference, if the claim or any portion of the claim remains in dispute, the City shall provide the claimant a written statement identifying the portion of the claim that remains in dispute and the portion that is undisputed. Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the public entity issues its written statement. Any disputed portion of the claim, as identified by the contractor in writing, shall be submitted to nonbinding mediation, with the City and the Contractor sharing the associated costs equally. The City and Contractor shall mutually agree to a mediator within 10 business days after the disputed portion of the claim has been identified in writing. If the parties cannot agree upon a mediator, each party shall select a mediator and those mediators shall select a qualified neutral third party to mediate with regard to the disputed portion of the claim. Each party shall bear the fees and costs charged by its respective mediator in connection with the selection of the neutral mediator. If mediation is unsuccessful, the parts of the claim remaining in dispute shall be subject to applicable procedures outside this section.

(C) For purposes of this section, mediation includes any nonbinding process, including, but not limited to, neutral evaluation or a dispute review board, in which an independent third party or board assists the parties in dispute resolution through negotiation or by issuance of an evaluation. Any mediation utilized shall conform to the timeframes in this section.

(D) Unless otherwise agreed to in writing by the City and the Contractor, the mediation conducted pursuant to this section shall excuse any further obligation under Public Contract Code Section 20104.4 to mediate after litigation has been commenced.

(3) Failure by the City to respond to a claim from the Contractor within the time periods described in this subdivision or to otherwise meet the time requirements of this section shall result in the claim being deemed rejected in its entirety. A claim that is denied by reason of the public entity's failure to have responded to a claim, or its failure to

otherwise meet the time requirements of this section, shall not constitute an adverse finding with regard to the merits of the claim or the responsibility or qualifications of the Contractor.

(4) Amounts not paid in a timely manner as required by this section shall bear interest at 7 percent per annum.

(5) If a subcontractor or a lower tier subcontractor lacks legal standing to assert a claim against a public entity because privity of contract does not exist, the Contractor may present to the public entity a claim on behalf of a subcontractor or lower tier subcontractor. A subcontractor may request in writing, either on his or her own behalf or on behalf of a lower tier subcontractor, that the Contractor present a claim for work which was performed by the subcontractor or by a lower tier subcontractor on behalf of the subcontractor. The subcontractor requesting that the claim be presented to the public entity shall furnish reasonable documentation to support the claim. Within 45 days of receipt of this written request, the Contractor shall notify the subcontractor in writing as to whether the Contractor presented the claim to the public entity and, if the original contractor did not present the claim, provide the subcontractor with a statement of the reasons for not having done so.

c. A waiver of the rights granted by this section is void and contrary to public policy, provided, however, that (1) upon receipt of a claim, the parties may mutually agree to waive, in writing, mediation and proceed directly to the commencement of a civil action or binding arbitration, as applicable; and (2) the City may prescribe reasonable change order, claim, and dispute resolution procedures and requirements in addition to the provisions of this section, so long as the contractual provisions do not conflict with or otherwise impair the timeframes and procedures set forth in this section.

11-04. Litigation and Forum Selection. Contractor and City stipulate and agree that any litigation relating to the enforcement or interpretation of this contract, arising out of Contractor's performance or relating in any way to the work shall be brought in Mendocino County and that venue will lie in Mendocino County.

Except as otherwise expressly provided by law, the parties waive any objections they might otherwise have to the propriety of jurisdiction or venue in the state courts in Mendocino County and agree that California law shall govern any such litigation.

The duties and obligations imposed by these General Conditions and the rights and remedies available hereunder to the parties hereto and, in particular but without limitation, the warranties, guaranties and obligations imposed upon the Contractor and all of the rights and remedies available to the City thereunder, shall be in addition to and shall not be construed in any way as a limitation of, any rights and remedies available to any or all of them which are otherwise imposed or available by law or contract, by special warranty or guaranty, or by other provisions of the contract documents and the provisions of this paragraph shall be as effective as if repeated specifically in the contract documents in connection with each particular duty, obligation, right and remedy to which they apply. All warranties and guaranties made in the contract document shall survive final payment and termination or completion of this contract. The City disclaims an express or implied warranty that the plans and specifications identify all site conditions that could affect the time or cost to complete the Work.

11-05. Waiver. The Contractor shall strictly comply with all notices and other contract requirements. Waiver by the City of any failure of the Contractor to comply with any term of the contract, including the notice provisions, shall not be deemed a waiver of a subsequent breach.

TECHNICAL SPECIFICATIONS

SECTION 12. GENERAL INFORMATION

12-01. Arrangement of Technical Specifications. The Technical Specifications are arranged in sections covering the various phases of work as follows:

Section No.	Title
12	General Information
13	Construction Details
14	Exclusions from General Conditions
15	Amendments to General Conditions

12-02. Arrangement of Plans. The Plans consist of thirty (30) sheets and they are hereby made a part of the Contract Documents.

12-03. Business Licenses. The Contractor and any subcontractors shall each secure and maintain a valid City of Ukiah Business License prior to the start of any portion of the work.

12-04. Permits. The Contractor shall obtain and pay for all permits required to complete this work except the required encroachment permit. The Contractor shall obtain an encroachment permit from the Public Works Department at no cost prior to the start of the Work. The encroachment permit will not be issued until the Contract Agreement and bonds have been executed, submitted, and accepted by the City and all insurance endorsements have been submitted to and accepted by the City's Risk Manager.

12-05. Standard Specifications and Standard Plans. The Standard Specifications and Standard Plans of the California State Department of Transportation, 2010, are hereby made a part of these Technical Specifications, and are hereinafter referred to as "Standard Specifications" and "Standard Plans."

Whenever the following terms are used in the Standard Specifications and the Standard Plans, they shall be understood to mean and refer to the following:

Department or Department of Transportation - The City Council.

Director of Public Works - The City of Ukiah Director of Public Works/City Engineer.

Engineer - The Engineer, designated by the Director of Public Works, acting either directly or through properly authorized agents, such agents acting within the scope of the particular duties entrusted to them.

Laboratory - The designated laboratory authorized by the City of Ukiah to test materials and work involved in the contract.

State - The City of Ukiah

Other terms appearing in the California Standard Specifications and the California Standard Plans shall have the intent and meaning specified in Section I, Definition of Terms of the California Standard Specifications.

In case of discrepancy between the contract documents, the order of precedence from the highest to lowest is as follows:

1. (City) Special Provisions (Technical Specifications)
2. (City) Project Plans
3. City Standard Plans and Details
4. California Standard Plans
5. California Standard Specifications

12-06. Temporary Facilities. All temporary facilities are the responsibility of the Contractor and the removal of said facilities shall be the responsibility of the Contractor. The Contractor shall be responsible for any and all damages to existing facilities which are a result of the installation and removal of the Contractor's temporary facilities.

12-07. Public Convenience and Safety. The Contractor shall conduct operations so as to cause the least possible obstruction and inconvenience to public traffic. The Contractor shall, at his or her expense, furnish such flag persons and furnish, erect, construct and maintain such fences, barriers, lights, signs, detours, pedestrian walkways, driveway ramps and bridging as may be necessary to give adequate warning to the public that work is in progress and that dangerous conditions exist, to provide access to abutting properties and to permit the flow of pedestrian and vehicular traffic to safely and expeditiously pass through the work.

The Contractor shall post notice(s) at the job sites a minimum of 72 hours in advance of working at the site, indicating the date and times that street parking will be prohibited. This notice shall be placed in obvious locations and be spaced no further than 250 feet apart along the length of the project site and on each side of the affected street. The Contractor shall also provide and place door hangers at all houses adjacent to working area. The door hanger notification shall be in writing and it shall be submitted to the Engineer for approval a minimum of 5 working days prior to the proposed public notification. Full cost for "Public Convenience and Safety" shall be considered as included in the various items of work and no additional compensation will be made.

12-08. Maintaining Traffic. Attention is directed to Section 7-1.08, "Public Convenience," 7-1.09, "Public Safety," 7-1.092, "Lane Closure," and 7-1.095, "Flagging Costs," of the California Standard Specifications.

Streets shall be open to through vehicular traffic during non-working hours. All public traffic shall be permitted to pass through the work with as little inconvenience and delay as possible.

Full costs for "Maintaining Traffic", including "Flagging Costs", shall be considered as included in the various items of work and no additional compensation will be made.

Street Closures shall conform to the provisions in the section of these Special Provisions entitled "Traffic Control System for Street Closure."

When leaving a work area and entering a roadway carrying public traffic, the Contractor's equipment, whether empty or loaded, shall in all cases yield to public traffic.

The full width of the traveled way shall be opened for use by public traffic on Saturdays, Sundays, and designated City holidays, after 3:00 p.m. Fridays and the day preceding designated City holidays, and when construction operations are not actively in progress.

Designated City holidays are: January 1st, the third Monday in January, the third Monday in February, the last Monday in May, July 4th, the first Monday in September, the second Monday in October, the second Monday in November, Thanksgiving Day, the day following Thanksgiving Day, December 24th, December 25th, December 30th, December 31st. When a designated City holiday falls on a Sunday, the following Monday shall be a designated City holiday. When a designated City holiday falls on a Saturday, the preceding Friday shall be a designated City holiday.

Minor deviations from the requirements of this section concerning hours of work which do not significantly change the cost of the work may be permitted upon the written request of the Contractor if in the opinion of the Engineer public traffic will be better served and the work expedited. Such deviations shall not be adopted until the Engineer has indicated his written approval. All other modifications will be made by contract change order.

The fences, temporary railing (Type K), barricades, lights, signs, and other devices furnished and installed by the Contractor, at his expense, to conform to the provisions in said Section 7-1.09, and in addition to any construction area traffic control devices for which payment is provided for elsewhere in the specifications.

At the end of each working day if a difference in excess of 2 inches exists between the elevation of the existing pavement between lines, the contractor shall furnish and place portable delineators along said drop-off. "Do Not Pass" signs shall also be placed at 500 feet intervals when delineators are required. Full compensation for furnishing and placing delineators and signs shall be considered as included in the various items of work and no additional compensation will be allowed.

The fences, temporary railing (Type K), barricades, lights, signs, and other devices furnished and installed by the Contractor, at his expense, to conform to the provisions in said Section 7-1.09, and in addition to any construction area traffic control devices for which payment is provided for elsewhere in the specifications.

Payment. Full costs for "Maintaining Traffic", including "Flagging Costs" shall be considered as part of the lump sum payment for Traffic Control System and no additional compensation will be made.

12-09. Stream Pollution. The Contractor shall exercise precaution to limit the muddying or silting of live streams and drainage channels to the maximum extent practicable, and the Contractor's attention is called to the fact that the terms of this contract do not relieve him or her of responsibility for compliance with Sections 5650 and 12015 of the Fish and Game Code or other applicable statutes relating to pollution prevention or abatement.

The Contractor's attention is also directed to Section 7-1.01G, "Water Pollution," of the Standard Specifications and to Section 13, "Water Pollution Control", of the Construction Details Section concerning the requirement for submittal to the Engineer for approval a written program for the control of pollution to adjacent drainage courses during the construction of the project. Said written program shall include the erosion control provisions required by Section 13, "Temporary Erosion Control", of these Construction Details."

12-10. Warranties. Unless otherwise indicated, the Contractor shall warrant all materials provided and work performed under this contract for a period of one year from the date of final acceptance. The Contractor shall replace promptly and at his own expense any materials and/or workmanship that are faulty or defective during this warranty period.

12-11. Utilities. The owner will not arrange water, sewer or electrical services for construction. It is the Contractor's sole responsibility to arrange such services as necessary with the applicable utility provider(s).

12-12. Dust Control. Dust control shall conform to the provisions of Section 10 of the Standard Specifications. Full compensation for dust control shall be considered as included in the prices paid for the various contract items and no additional compensation will be made therefore. This includes the application of water for the purpose of controlling dust caused by public traffic within the project area. The Contractor may at his option use dust palliative in accordance with the provisions of Section 18, "Dust Palliative" of the Standard Specifications except that the full compensation for applying dust palliative shall be considered as included in the prices paid for the various contract items of work and no additional compensation will be made therefore.

All active construction areas shall be watered at least twice daily and more often during hot or windy periods. The active areas adjacent to the apartment complexes shall be kept damp at all times. Hauling trucks shall be covered or at least a two-foot freeboard shall be maintained.

Unpaved access roads, parking areas for construction equipment and construction employee vehicles, staging areas, and storage areas shall be paved or shall receive the application of either water twice daily or non-toxic soil stabilizers. All paved access roads, parking areas, staging areas, storage areas, and public roads impacted by the work of the project shall be swept daily with street sweepers equipped with water spray to remove soil materials that have been deposited on these surfaces by reason of the work.

The Contractor shall enclose, cover, or water twice daily or apply non-toxic soil stabilizers or install erosion control blankets to or on exposed stockpiles, embankment slopes, and cut slopes. Traffic speeds on unpaved surfaces shall be limited to a maximum speed of 15 mph

12-13. Noise Control. The Contractor's attention is directed to the provisions of section 7.1.01I, "Sound Control Requirements", of the Standard Specifications and Section 9.08, Saturday, Sunday, Holiday, and Night Work, of these General Conditions concerning the control of noise emissions and authorized work hours and days. Between 7:00 a.m. and 7:00 p.m., noise from Contractor's operations shall not exceed limits established by applicable laws or regulations and in no event shall exceed 86 dB at a distance of 50 feet from the noise source.

The City shall provide a Noise Disturbance Coordinator who shall be responsible for acting on any local complaints concerning the construction noise being generated by reason of the work of the project. The Contractor shall conspicuously post a telephone number for the Noise Disturbance Coordinator at the construction site and he shall include it in the construction schedule notice to be provided to the residents. The Noise Disturbance Coordinator shall investigate the noise complaint allegations and shall require the Contractor to implement reasonable measures to mitigate the noise level in accordance with the requirements of these General Conditions and of the Standard Specifications.

The Contractor shall locate all stationary noise generating construction equipment such as air compressors and generators as far as practical from the nearby residences and other noise sensitive land uses. The noise source shall be acoustically shielded when practical. The Contractor shall prohibit unnecessary idling of internal combustion engines.

12-14. Watering. The application of water and the developing of a water supply shall be performed in accordance with the provisions of Section 17, "Watering," of the Standard Specifications except as modified by these Special Provisions. Full compensation for applying water where called for or as directed by the Engineer and for developing the water supply shall be considered as included in the prices paid for the various contract items and no additional compensation will be made therefore. The Contractor is advised that water may be obtained from fire hydrants within the project area under permit with the City's Public Works Department and upon the payment of a meter deposit. Permit application and inquiry as to the water usage fees are to be made at the City of Ukiah, 300 Seminary Avenue, phone (707) 463-6228.

12-15. Preconstruction Conference. A preconstruction conference will be held before any work will be allowed to commence. This meeting will cover inspection, work schedule, and among other items, the responsibilities and procedures of each of the interested parties to assure that the project will be completed in accordance with the contract documents.

12-16. Progress Schedule. Progress schedules will be required for this contract and shall conform to the provisions in Section 8-1.04, "Progress Schedule," of the Standard Specifications.

12-19. Safety Requirements. The Contractor shall comply with all pertinent provisions of the Department of Labor "Safety and Health Regulations for Construction (29 FCS Part 1518, 36 CFR 7340)", with additions or modifications thereto, in effect during construction of this project.

SECTION 13 - CONSTRUCTION DETAILS

13-01. Location and Scope of Work.

All of the work to be performed is within the City of Ukiah. Project is located at the following locations:

- Dora Street between West Mill Street and Grove Avenue
- West Clay Street from Dora Street to South Pine Street
- Walnut Avenue from Dora Street to North Bush Street
- North Bush Street from Walnut Avenue to Grove Avenue

The Contractor should familiarize himself with the local conditions of the project site. Failure to do so will in no way relieve him of the responsibility for performing any of the work or operations required as a part of this contract. Further information regarding the work or these specifications can be obtained from Mary Horger at (707) 463-6233.

13-02. Preservation of Property. The contractor shall conform to the provisions of Section 7-1.11, "Preservation of Property" of the Standard Specifications and to these Special Provisions. All costs to the Contractor for protecting, removing, modifying, relocating and restoring existing improvements shall be considered as included in the contract prices paid for the various items of work and no additional allowances will be made therefore.

Payment Full compensation for complying with this section of the Special Provisions shall be considered as included in the prices paid for the various contract items of work, and no additional compensation will be allowed therefore.

13-03. Watering. Developing water supply and applying shall conform to the provisions in Section 17 of the Standard Specifications and these Special Provisions. Water shall not be obtained from any of the nearby property owners without their written permission.

Payment Full compensation for developing and applying water conforming to the above requirements shall be considered as included in the prices paid for the various contract items of work requiring water, and no additional compensation will be allowed therefore.

13-04. Traffic Control System for Street Closure. A traffic control system shall consist of closing streets in accordance with the Caltrans Manual of Traffic Controls for Construction and Maintenance Work Zones, the provisions of Section 12, "Construction Area Traffic Control Devices," of the Standard Specifications, and provisions under "Maintaining Traffic" elsewhere in these Special Provisions.

The provisions in this section will not relieve the Contractor of their responsibilities that may be necessary to comply with the provisions in Section 12-08, "Public Safety", of the Standard Specifications.

The base material of construction area signs may be plywood in City Right-of-Way, but shall not be plywood in the State Right-of Way.

The contractor shall develop and submit to the Engineer for approval a Traffic Control Plan a minimum of one week before beginning construction. The Traffic Control Plan shall show the planned method of traffic control during construction.

The following information shall be included in the Traffic Control Plan:

- Sequencing of construction
- Street layout, with street names and direction of flow
- Location and types of construction area signs (including pedestrian notification)
- Locations of barriers or other traffic control devices
- Location of flaggers
- A contingency plan for how to handle emergency vehicles

The Contractor shall not begin construction at the site until the Traffic Control Plan is reviewed and approved by the Engineer. The City reserves the right to delay the contractor's operations until such time that a Traffic Control Plan has been reviewed and approved by the Engineer.

If any component in the traffic control system is damaged, displaced, or ceases to operate or function as specified, from any cause, during the progress of the work, the Contractor shall immediately repair said component to its original condition or replace said component and shall restore the component to its original location.

When street closures are made for work periods only, at the end of each work period, all components of the traffic control system shall be removed from the traveled way and shoulder. If the contractor so elects, said components may be stored at select central locations, approved by the Engineer, within the limits of the street right-of-way.

Payment. The contract lump sum price paid for traffic control shall include full compensation for furnishing a Traffic Control Plan, furnishing all labor, materials (including signs), tools, equipment, and incidentals and for doing all the work involved in placing, removing, storing, maintaining and moving to new locations, replacing, and disposing of the components of the traffic control system as shown on the plans, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer.

13-05. Adjust Existing Frames, Covers, Grates and Manholes to Grade. This work shall consist of raising or adjusting existing utility facilities and replacing surface utility facilities, such as sewer and storm drain manhole frames and covers, water valve covers, gas valve covers, water meter boxes and covers, monument covers, sewer cleanouts, and monitoring well covers to the finished grade of the resurfaced asphalt pavement. On roadways to be milled, facilities shall first be lowered prior to cold planing and then adjusted to finish grade after completion of the resurfacing work (refer to Section 13-08 "Cold Plane Asphalt Concrete Pavement" of these Construction Details). At various locations a monument box and cover shall be installed at the finish grade over any unprotected, existing monumentation in the paved roadway.

All such work shall conform to the applicable provisions of the Standard Specifications, these Construction Details, the Plans and typical sections and as directed by the engineer.

Unless specifically allowed by the Engineer, grade rings shall not be used to adjust utility covers. The Contractor shall properly locate and tie all existing facilities to be raised in advance of paving operations.

13-05.1 Construction. Care shall be taken to keep frames and covers clean. The Contractor shall completely protect with heavy plastic or other suitable material all utility covers or other items which are visible on the surface and will be covered by his operations. This shall be completed prior the start of operations and approved by the Engineer. Any materials that adhere to the frames and covers shall be removed.

Contractor shall exercise care during the work of lowering and raising covers to avoid any construction debris from entering into the manhole chamber. Any material which enters the manhole or connecting pipes shall be removed at the expense of the Contractor to the satisfaction of the City. In the event that a problem is reported, Contractor shall have on hand the necessary equipment and manpower, including traffic control devices and crew if deemed necessary, to open lids that are requested for review by the Engineer, at no additional cost to the City.

Facilities damaged by the Contractor shall be replaced at the Contractor's expense. Facilities (box and lid or frame and cover) found existing in a damaged condition, and reported to the Engineer before disturbing, shall be replaced by the Contractor with materials furnished by the Owner.

All facilities on active systems shall be accessible at all times to City personnel unless otherwise stated in these Special Provisions or approved by the Engineer.

After placement of the finish course of asphalt concrete the Contractor shall mark all overlaid manholes, valve boxes, mainline cleanouts and monuments, whether new or existing, with white paint by the end of that working day.

All new and existing manholes, valve boxes, mainline cleanouts and monuments shall be adjusted to grade

within 48 hours after placement of the finish course of asphalt concrete. Final grade adjustments and installation of concrete collars shall be done on the same working day. Final paving around manholes, valve boxes, mainline cleanouts and monuments shall be completed no later than the following working day. All manhole frames and covers being adjusted to grade, but left with exposed concrete collars shall have steel plate covers with hot mix asphalt tapers maintained until final asphalt concrete paving is placed.

13-05.2 Manholes. Prior to removal of an existing manhole frame, a platform to prevent debris from entering the sewer, storm drain or communication vault, shall be placed in the manhole above the top of the sewer or storm drain. The platform shall remain in place until all work on the manhole has been completed, the asphalt concrete has been placed around the manhole and all dirt and debris is removed from the platform.

The Contractor shall be responsible for the removal of any dirt and debris that falls into the manhole, and any damage to the facility or downstream facilities. Trimming of manhole cones (tapered section) will not be permitted.

All sections of the manhole grade rings shall be set in cement mortar and all joints smoothly grouted inside and out. The top of the completed manhole shall contain at least one three (3) inch grade adjustment ring. All manhole frames and covers shall be adjusted to grade after placement of the finish course of hot mix asphalt.

Existing grade adjustment rings removed in the adjustment of manhole frames shall become the property of the Contractor. If undamaged and thoroughly cleaned of mortar, the grade rings may be reused in the work. If not so used, they shall be disposed of away from the work site at the expense of the Contractor.

Manhole frames shall be reinstalled to align directly over the grade rings. Any frames misaligned by more than ½ inch shall be removed and reinstalled.

All silt and debris shall be removed from finished structures. This shall include all existing silt and debris plus material caused by the Contractor's operation.

All grade rings shall be set in cement mortar the same day they are placed. All joints shall be smoothly plastered inside and out.

The Contractor shall accurately locate and record the location of all manhole covers to be raised to grade. The Contractor shall furnish the Engineer a copy of said record prior to resurfacing the street. Where shown on the Plans and specified in these construction details, utility vaults, manholes and boxes will be adjusted to grade by the utility company that owns the facility. The Contractor shall coordinate with utility companies in advance of scheduled work to provide adequate time for determination of work.

13-05.3 Valve Frame and Cover. Existing water valve frames and covers, gas valve frames and covers, monitoring well covers and hand holes shown on the Plans to be adjusted to grade shall be adjusted to final pavement grade in conformance with the details on the Plans. The Contractor shall accurately locate and record the location of all valve covers to be adjusted to grade and shall furnish the Engineer a copy of said record prior to resurfacing.

After a street has been overlaid, all valve boxes shall be marked in white paint before the close of that workday. Within 48 hours of paving, all valve boxes shall be brought to grade, cleaned out and inspected by the Contractor.

13-05.4 Sawcut Pavement. Where no joint exists between concrete or asphalt concrete to be removed and concrete or asphalt concrete to remain in place, the concrete or asphalt concrete shall be cut in a neat line to a minimum depth of 0.25-foot with a power driven saw before the concrete or asphalt concrete is removed.

13-05.5 Tolerances. The concrete around these adjusted facilities shall be left two (2") inches lower than the adjacent pavement. The concrete surface shall be tack coated with 0.10 gallons per square yard and paved with ½ inch Type A HMA.

The surface adjusted facilities shall be true to the new pavement surface to within one-eighth inch (1/8") deviation. This tolerance shall apply in a single direction only, either up or down. In addition, the adjusted facility shall not vary by the high tolerance on one side and the low tolerance on the other (i.e. the total aggregated tolerance on both sides shall be limited to the 1/8" inch variation). This variation shall apply to the

adjacent patch paving around the facility as well such that neither the paving nor the facility vary by more than the stated tolerance.

Measurement and Payment. Full compensation for Adjust Existing Manhole/Valve/SSCO Cover to Grade will be measured and paid for at the contract unit price per **each** and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals for performing all work involved in adjusting existing valve covers and sanitary sewer cleanout covers, to new finish grades, including but not limited to excavation, backfill, concrete, grade rings, debris platforms, cleaning, asphalt or concrete pavement and mortar throughout the project limits and all other related work specified on the Plans, in these Construction Details, the Standard Specifications and as directed by the Engineer and no additional allowances will be made therefor. Lowering valve and cleanout covers prior to cold planning shall be paid for under "Cold Plane Asphalt Concrete", as further described in these Construction Details.

13-06. Roadway Excavation. Full compensation for Roadway Excavation will be measured and paid for at the contract unit price per **cubic yard** for the final pay quantity in the Engineer's Estimate, which price shall include full compensation for furnishing all plant, labor, materials, tools, equipment, transportation, and incidentals for performing all work required for the roadway excavation as described in this section within the limits shown on the Plans, removing asphalt concrete pavement, base, sub-base, subgrade, cutting and pruning tree roots encountered during excavation, spreading and compacting subgrade material to achieve required subgrade elevation, backfilling as required to achieve design subgrades and finish grades, and scarifying, moisture conditioning and compacting subgrade as specified in Section 19 of the Standard Specifications and these Construction Details, including, preparation of subgrade in all roadway, curb and gutter, sidewalk, driveway and ramp areas, proofrolling, scarification, moisture conditioning, and compaction and no additional allowances will be made therefor.

Removal of existing bituminous pavement and base materials will be paid for as roadway excavation.

Measurement. Roadway Excavation shall be measured by the calculated in place cubic yards removed based on the pavement surface area and the depth of pavement removal. Roadway Excavation in excess of the depth as shown on the plans or as directed by the Engineer will not be paid for.

Payment. The contract price paid per cubic yard for Roadway Excavation shall include full compensation for furnishing all labor, materials, tools and equipment, and doing all work necessary, including modifying the depth of grinding as specified above, any required handwork, sweeping and the disposal of the materials to complete this item as specified, and no additional compensation will be allowed therefore.

13-07. Hot Mix Asphalt.

13-07.1 General. HMA shall contain high tensile strength aramid fiber reinforcement. HMA shall be provided in accordance with the Standard HMA construction process and conform to Section 39 of the Standard Specifications and as detailed in this specification.

Fiber reinforced HMA is mixture of hot mix asphalt and a high tensile strength aramid fiber blend that has greater resistance to rutting, thermal cracking, fatigue cracking, and reflective cracking as compared to conventional non-fiber asphalt mixes.

13-07.2 Quality Control Plan. Contractor shall establish, implement and maintain a Quality Control Plan (QCP) to ensure materials and work comply with the specifications and the corrective actions required to control the quality of work. The QCP shall comply with these specifications and Section 39-2.02 "Contractor Quality Control" of the Standard Specifications.

Contractor shall attend a pre-paving conference with the Engineer to discuss methods of performing the production and paving work and how quality control will be performed throughout.

Qualifications of workers: Provide sufficient skilled workers and supervisors who shall be present at all times during execution of this portion of the Work and who shall be thoroughly familiar with the type of construction involved and the materials and techniques specified.

Codes, standards and definitions:

1. Wherever a test method is referenced in this section, it shall be made in accordance with the most current test method in use by Caltrans in the State Standard Specifications, unless otherwise noted in this section.
2. ASTM D2172, Standard Test Methods for Quantitative Extraction of Bitumen from Bituminous Paving Mixtures
3. ASTM D6931, Standard Test Method for Indirect Tensile (IDT) Strength of Bituminous Mixtures.
4. AASHTO T322, Determining the Creep Compliance and Strength of Hot-Mix Asphalt (HMA) Using the Indirect Tensile Test Device.
5. Zeiada, W., Underwood, S., Stempihar, J., "Extraction of Aramid Fibers from Fiber Reinforced Asphalt Concrete – Special Test Method", Arizona State University, May 11, 2016.
6. Aramid Dispersion State Ratio (ADSR): The mass of aramid in the individual state compared to the total mass of extracted aramid fibers, expressed as a percentage.

13-07.3 Submittals. The Contractor shall provide the Engineer with the following information a minimum of 10 days prior to commencing the Work:

1. Hot mix asphalt job mix formula (JMF) in accordance with Caltrans Standard Specifications.
 - a. Proposed JMF on Form CEM-3511: Include percentage of reclaimed asphalt pavement (RAP)
 - b. Representative reinforcing fiber product sample.
 - c. Reinforcing fiber product data sheet and certification from the Manufacturer that the fiber product supplied meets the requirements of this specification.
 - d. Reinforcing fiber manufacturer's instructions and general recommendations.
 - e. Past performance test results of IDT testing from a minimum of three separate laboratory trials.
 - f. Past performance test results of ADSR testing from a minimum of two tests.
 - g. Submit a minimum of five project examples and references where the reinforcing fiber product was used for roadways in the State of California.
 - h. Mix design documentation, data and aggregate quality on Form CEM-3512 dated within 12 months of submittal.
 - i. JMF verification on Form CEM-3513, if applicable
 - j. JMF renewal on Form CEM-3514, if applicable
 - k. Materials Safety Data Sheets (MSDS) for:
 - Asphalt binder
 - Supplemental fine aggregate except fines from dust collectors
 - Antistrip additives
2. Written confirmation from the supplier that the JMF to be supplied meets all specified requirements.

Performance testing for reinforcing fiber product must be from laboratory trials at a fiber dosage rate equal to the rate proposed for the project. Tests must be performed by an AASHTO accredited laboratory or nationally recognized university testing lab and must be reviewed and approved by the project engineer.

Indirect Tensile (IDT) Strength Tests from a minimum of three (3) separate laboratory trials.

1. Perform indirect tensile tests using the protocol from AASHTO T322 or ASTM D6931
2. Tests results shall include a control and a fiber reinforced mix. FRAC mix shall be identical to control mix except for the inclusion of fibers added at the same dosage as proposed on the project.
3. Indirect tensile test results from fiber specimens shall show an average tensile strength increase of 20 percent over control specimen with no less than 15 percent increase of average tensile strength.

Aramid Dispersion State Ratio (ADSR) Tests from a minimum of two (2) separate laboratory trials.

1. Perform ADSR test based on modified ASTM D2172 procedures as provided in the document entitled "Extraction of Aramid Fibers from Fiber Reinforced Asphalt Concrete – Special Test Method". A copy of the modified extraction methodology can be obtained by making an inquiry to the Pavement and Materials Laboratory at Arizona State University at NCE@asu.edu.
2. To validate ADSR results, average extracted aramid fiber quantity must equal 0.007 percent by total sample weight with no individual result less than 0.005 percent of the total sample weight.
3. All tested fiber mixes must achieve a minimum ADSR of 85%.

Tack Coat: Contractor shall submit asphalt binder tack coat and asphaltic emulsion tack coat.

The Contractor shall develop and submit a Quality Control Plan for the project. This shall, at a minimum, cover the areas or subjects contained in Section 39-2 of the Standard Specifications. The Contractor shall not begin hot mix asphalt production or placement without written approval from the Engineer of the QCP and an approved JMF. Approval of the QCP and JMF by the Engineer does not relieve the contractor of responsibility for quality control or work methods.

13-07.4 Engineer’s Acceptance. Quality control sampling and acceptance testing will be performed by the City. The City reserves the right to perform acceptance testing at frequencies that differ from those specified in the Standard Specifications.

A minimum of one sample for Rice Specific Gravity may be taken by each day at the plant during placement of HMA. The Rice Specific Gravity test will be in accordance with ASTM D 2041. Any changes to the JMF requested by the Engineer shall be implemented by the Contractor or a new JMF resubmitted for approval prior to continuing work.

In place density tests per CT 375 Nuclear Gage field test may be performed during HMA operations to verify compaction requirements per Standard Specifications. The frequency of testing may be in accordance with CT 375.

Should any test specified in Paragraph 13-15.4 of this Section fail to meet density requirements, the City may take density core samples to verify density results and pavement thickness. Contractor shall be responsible for patching the cores with hot mix asphalt at no additional expense to the City.
for patching the cores with hot mix asphalt at no additional expense to the City.

13-07.5 Products. Tack Coat shall be Grade PG 64-16, conforming to the provisions of Sections 39 and 92 of the Standard Specifications and shall be used between layers of each lift of HMA, and on curbs, gutters and construction joints.

Asphalt binder and tack coat shall be Grade PG 64-16, conforming to the provisions of Sections 39 and 92 of the Standard Specifications.

Aggregate shall be clean and free from deleterious substances and shall meet the gradation and quality for 3/4-inch HMA Type A for initial course and 1/2-inch HMA Type A for the final course.

Hot Mix Asphalt shall be 3/4-inch HMA Type A for the first course and 1/2-inch HMA Type A for the final course and conform to Section 39 of the Standard Specifications.

Provide a reinforcing fiber blend of virgin polyolefins and virgin aramids that meets the requirements in the tables below.

Reinforcing Fiber Material Properties			
Property	Test Method	Polyolefin	Aramid
Form	Manufacturer Certification	Serrated	Monofilament
Nominal Specific Gravity	ASTM D276	0.91	1.44
Tensile Strength (psi)	ASTM D7269	NA ¹	400,000
Length (in)	Manufacturer Certification	0.75	0.75

1. Polyolefin fibers will melt or become plastically deformed during production

Reinforcing Fiber Performance Properties		
Performance Test	Test Method	Requirement
Indirect Tensile Strength (IDT)	AASHTO T322 or ASTM D6931	≥ 20% increase
Aramid Dispersion State Ratio (ADSR)	Modified ASTM D2172	≥ 85%

Reinforcing fiber blend shall be Forta-Fi®, provided by the Forta Corporation, or approved equivalent. If a different aramid-based fiber blend is proposed, performance test results complying with the requirements of Section 13-15.3 must be submitted at least two weeks prior to bid date for approval by engineer.

HMA batch plant shall be Department-qualified under the Department's Materials Plant Quality Program of the Standard Specifications.

Reclaimed asphalt pavement shall be acceptable in accordance with the Standard Specifications not exceeding 15.0 percent of the aggregate blend.

13-07.6 Construction. During the entire construction period, the Contractor shall take care to protect existing pavement and concrete surfaces. Surfaces scarred by cleanup or equipment shall be repaired in a manner satisfactory to the Engineer. Any and all damage caused by the Contractor's operations to existing roads and streets shall be repaired by the Contractor to at least the original condition and to the satisfaction of the Engineer, at no additional cost to the City.

13-07.6.1 Preparation. If pavement is damaged (excessive loading, grouser marking, scarring/scraping of pavement, etc.) outside the limits of the work, a full lane width grinding and overlay will be required as directed by the Engineer at no additional compensation to the Contractor.

Ensure the area is clean and dry. All material accumulations which would interfere with the adhesion of the tack coat or with the placing and performance of the HMA shall be removed, including dust, loose aggregate, soil, leaves, and pieces or lumps of other foreign material deposited on the surface.

13-07.6.2 Tack Coat. A tack coat shall be applied to existing pavement including planed surfaces, between HMA layers, and to vertical surfaces of curbs, gutters and construction joints at the minimum residual rates specified in Section 39-1.09C "Tack Coat" of the Standard Specifications.

Before placing HMA, a tack coat shall be furnished and applied uniformly to contact surfaces of all cold pavement joints, curbs, gutters, pavement reinforcing fabric and all existing pavement to be surfaced in conformance with Section 39 of the Standard Specifications.

Tack coat shall be applied to any course in advance of spreading the next course unless the surface temperature is at least 140 °F.

Hot mix asphalt shall not be placed until tack coat has cured.

13-07.6.3 Fiber Reinforced HMA Production. Provide manufacturer's technical representative at HMA plant during HMA production.

Deliver fiber-reinforcement in sealed, undamaged containers with labels intact and legible, indicating material name and lot number. Deliver fiber-reinforcement to location where it will be added to each batch or loaded into the mixer. Store materials covered and off the ground. Keep sand and dust out of boxes and do not allow boxes to become wet.

Add aramid and polyolefin reinforcing fiber blends at a dosage rate of one (1) pound fiber per one (1) ton of asphalt.

Add alternative aramid fiber blends at a rate proposed by the manufacturer that achieves the IDT and ADSR results required.

Have a fiber manufacturer's representative on site during mixing and production. This requirement can be waived if fiber manufacturer and asphalt producer can supply evidence of manufacturer's brand of fiber being successfully produced a minimum of three times at the asphalt plant to be used for the project.

Batch Plant. When a batch plant is used, add fiber to the aggregate in the weigh hopper and increase both dry and wet mixing times. Ensure that the fiber is uniformly distributed before the injection of asphalt cement into the mixture.

Drum Plant: Inject fibers through the RAP collar by placing fibers on the RAP belt for by feeding them with a blower tube system. Rate the feeding of fibers with the rate the plant is producing asphalt mix. If there is any evidence of fiber

balls at the discharge chute, increase the mixing time and/or temperature or change the angle of the fiber feeder line to increase dry mixing time.

For manual feeding, place fibers on the RAP belt at intervals based on the plant production rate.

When using a blower tube system, add fibers continuously and in a steady uniform manner. Provide automated proportioning devices and control delivery within $\pm 10\%$ of the mass of the fibers required. Perform an equipment calibration to the satisfaction of the fiber manufacturer's representative to show that the fiber is being accurately metered and uniformly distributed into the mix.

Include the following with the blower tube system:

1. Low level indicators
2. No-flow indicators
3. A printout of feed rate status in pounds/minute
4. A section of transparent pipe in the fiber supply line for observing consistency of flow or feed.
5. Manufacturer's representative's approval of fiber addition system

13-07.6.4 Spreading and Compacting. Compaction test subgrade prior to placing HMA to ensure a firm and stable subgrade. After compaction testing and immediately in advance of placing HMA, apply additional tack coat to damaged areas or where loose or extraneous material is removed.

Close areas receiving tack coat to traffic. Do not track tack coat onto pavement surfaces beyond the job site. HMA

surfacing shall conform to the provisions of Section 39 of the Standard Specifications and fiber manufacturer. Placing HMA shall be done under suitable weather conditions for such operations. Rain, snow or other inclement weather will be cause for discontinuing paving Work. Only spread and compact if the atmospheric temperature is at least 55 degrees F and rising and the surface temperature is at least 60 degrees F and rising. The Engineer shall have the authority for determining whether weather conditions are sufficient cause to postpone work.

Spreading and compacting shall be performed in accordance with Section 39-1.10 and Section 39-1.11 of the Standard Specifications.

Visually observe fiber reinforced HMA mix in the back of first three trucks and every tenth truck thereafter to confirm adequate blending of the fiber. Remove any observed fiber balls from placed mixture and adjust operations per the manufacturer's recommendation to eliminate future fiber ball development.

Longitudinal joints in the top layer must match specified lane edges shown on the striping Plans. Longitudinal joints in lower HMA layers shall be offset at least 0.5 feet from each side of the specified lane edges.

Finish rolling shall be completed before pavement surface temperature is below 150 degrees F.

Traffic shall not be allowed on HMA until mid-depth temperature is below 160 degrees F and the pavement surface temperature is below 140 degrees F.

The completed surfacing shall be true to grade and cross section, of uniform smoothness and texture, compacted firmly and free from depressions, humps or irregularities.

Dikes shall be shaped and compacted with equipment capable of shaping and compacting the material to the required cross section.

The exact rate of application of the paint binder will be determined by the Engineer during construction.

Measurement. Full compensation for **Hot Mix Asphalt (Type A)** will be measured and paid for at the contract unit price per **ton** which price shall include full compensation for furnishing all plant, labor, materials, tools, equipment, transportation, and incidentals for performing all work under "Hot Mix Asphalt," including but not limited fiber reinforced HMA, fiber reinforced leveling course, fiber reinforced HMA overlay, tack coat, subgrade proof rolling, compaction, testing and other incidentals as shown on the Plans and specified in the

Standard Specification, these Construction Details, and as directed by the Engineer, and no additional allowances will be made therefor.

Payment. The contract price paid per ton shall include full compensation for furnishing all labor, material, tools, equipment and incidentals, and for doing all the work involved in placing asphalt.

13-08. Remove Unsuitable Material. Full compensation for Remove Unsuitable Material will be measured and paid for at the contract unit price per **cubic yard**, which price shall include full compensation for furnishing all plant, labor, materials, tools, equipment, transportation, and incidentals for performing all work required for the excavation and removal of unsuitable material, providing Class 2 aggregate base material on subgrade enhancement geotextile, and compacting subgrade and base material as specified in Section 19 of the Standard Specifications and these Construction Details, and no additional allowances will be made therefor.

13-09. Soil Stabilization Fabric. Full compensation for Geosynthetic Pavement Interlayer (Paving Fabric) will be measured and paid for at the contract unit price per **square yard** which price shall include full compensation for furnishing all plant, labor, materials, tools, equipment, transportation, and incidentals for installing paving fabric including but not limited to crack cleaning, crack sealing, installing paving fabric, and other incidentals as shown on the Plans and specified in the Standard Specifications, these Construction Details, and as directed by the Engineer, and no additional allowances will be made therefor.

13-10. Class 2 Aggregate Base. Full compensation for Class 2 Aggregate Base will be measured and paid for at the contract unit price per **cubic yard** for the final pay quantity in the Engineer's Estimate, which price shall include full compensation for furnishing all plant, labor, materials, tools, equipment, transportation, and incidentals for performing all work required for the hauling, constructing, placing, spreading, moisture conditioning and compacting of aggregate base, and Class 2 permeable material to finish grade or subgrade elevations within the limits shown on the Plans, as specified in Section 26 of the Standard Specifications and these Construction Details, and no additional allowances will be made therefor.

13-11 Traffic Striping. All pavement legends and traffic striping shall conform to the forms and dimensions in the Caltrans Standard Plans and Specification, 2018 Edition, and the California Manual on Uniform Traffic Control Devices, latest edition, and be thermoplastic, unless otherwise noted.

The Contractor shall physically tie down the location of the beginning and ending of each paint or thermoplastic marking type in the adjacent curb top. The marking location shall not exceed fifty square inches each. Any locations exceeding this limit shall be removed by the Contractor prior to acceptance of the work. The Contractor shall contact the Engineer for review of tie downs.

The Contractor shall be responsible for accurately referencing out and replacing the lines and positions of all traffic lines, directional lines, arrows, and other markings in accordance with the Plans.

Temporary tab markers shall be placed not more than six (6') feet apart on curves nor more than twelve (12') feet apart on straight segments.

Temporary tab markers (floppies) shall be the same color as the permanent traffic stripe that they are replacing, shall measure two (2") inches tall by three and one-half (3-1/2") inches wide, and have a reflective lens across the width of the marker. Temporary tab markers shall be placed before the lane is opened to traffic, unless otherwise approved by the Inspector.

Prior to application of permanent striping and markers, the Contractor shall call for review and approval of the proposed striping by the Engineer. The Engineer shall have the right to make changes in the location and alignment of line stripes. Striping and traffic markings shall not be applied until after approval is granted by the Engineer. The Contractor shall allow a minimum of three (3) working days for review of the layout by the Engineer.

Permanent traffic striping and markings including legends and arrows shall be placed within twenty-one (21) days after paving or surfacing, unless otherwise directed by the Engineer.

Temporary marking tape or temporary tab markers denoting crosswalks shall be placed the same day that the pavement surfacing is placed. Temporary tab markers denoting crosswalks or limit lines shall be placed at intervals not to exceed

three (3') feet.

Failure to comply with these requirements shall result in a liquidated damage of \$150 per day for each street that has not received permanent installation of the required raised pavement markers, traffic striping, and markings.

In areas adjacent to the reconstructed surfacing where existing striping must be changed to conform to a revised striping pattern, conflicting striping shall be removed by sand blasting, grinding, or other methods as specified in the Standard Specifications or by the Engineer. Removal of existing striping and markings shall not materially damage the underlying pavement.

Existing striping and markings that are to remain in place shall be protected from damage in accordance with Section 84-1.03B of the Standard Specifications. The Contractor shall replace all striping which has been damaged or obliterated by or during the work. This shall include striping replacement completely across the street even in the event that the Contractor's work may not extend that far. Both lines of each crosswalk shall be completely repainted even if only a portion of a line has been obliterated.

When the Contractor's work removes or reduces the visual appearance of a lane or center line, the Contractor shall replace all striping between the adjacent intersections in both directions. Where a median exists, this work will be required only in the roadway where the work has occurred, unless a detour which altered the pavement markings occurred in the other roadway. In such cases, the striping will be replaced in both directions.

Measurement. Full compensation for **Traffic Stripe (Detail XX)** will be measured and paid for at the contract unit price per **linear foot**, which price shall include full compensation for furnishing all plant, labor, materials, tools and equipment and doing all the work necessary for the installation of traffic stripe per the Standard Detail, including but not limited to surface preparation, establishing layout and alignment, thermoplastic, adhesive, pavement markers, and temporary striping, as shown on the Plans and Standard Plans, and specified in the Standard Specifications and these Construction Details, and no additional allowances will be made therefor.

Payment. The contract price paid per linear foot for painted traffic stripes shall include full compensation for furnishing all labor, material, tools, equipment and incidentals, and for doing all the work involved in painting traffic stripes.

13-12 Thermo X-Walk & Pavement Markings. The Contractor shall furnish and apply traffic stripes, characters, arrows, pavement markers, and other delineations and markings. These shall be reapplied in the original pattern on all roads except as shown on the striping plans, as specified herein, or as directed by the Engineer. Contractor shall install traffic striping and markers in accordance with Sections 84, "Traffic Stripes and Pavement Markings" and Section 85 "Pavement Markers" of the Standard Specifications.

Pavement markings which include bicycle lane notification, stencils, "STOP" and turn arrows shall be painted and shall have glass beads applied as per the plans in accordance with Section 84, "Traffic Stripes and Pavement Markings" of the Standard Specifications except as provided herein, the Standard Plans, and these Special Provisions. Contractor shall reference all existing pavement markings prior to pavement grinding on those streets that have pavement markings.

All pavement legends and traffic striping shall be applied in thermoplastic unless otherwise noted.

Measurement. Pavement marking shall be measured as a square foot price.

Payment. The square foot price paid for Pavement Marking shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, referencing the existing pavement marking and doing all the work involved in painting pavement marking as designated by the Plans, and no additional compensation will be allowed therefore.

13-13. Reflective Pavement Markers (Blue). Blue, reflective, pavement markers shall be placed across from city fire hydrants, and conform to the provisions in section 3B-03 of the California Manual on Uniform Traffic Control Devices and the attached figure 3B-102 (CA). All pavement makers shall also conform to the provisions in Section 85 of the California Standard Specifications. Pavement Adhesive used to install pavement markers shall conform to the requirements of Section 85 of the California Standard Specifications.

Measurement. Placing pavement markers will be measured as each.

Payment. The contract price paid per each for pavement markers shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all the work involved in placing pavement markers.

13-14. Minor Concrete. This work consists of constructing A1-6 curb, curb and gutter, sidewalks and wheelchair ramps. All concrete shall be Class B containing not less than 470 pounds of Portland cement per cubic yard of concrete (5 Sack) as specified in Section 90 of the California Standard Specification.

Contractors attention is directed to the requirements of each ramp detail drawing and the following Standard Drawings: No. 101 "Score Mark Details, Sidewalk, Curb and Gutter", and No. 111 "Wheelchair Ramp Detail".

Remove Concrete (Curb & Gutter). The contractor shall remove existing asphalt and concrete to provide forms for the lip of the gutter.

Measurement. Removal of Concrete (Curb and Gutter) will be measured by the linear foot, in place along the face of curb.

Payment. The contract price will be paid per linear foot and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals for performing all work involved in the removal of existing concrete curb and gutter including but not limited to saw cutting, removal of concrete, sand and base rock, excavation, stockpiling removed materials, hauling and disposal of removed materials, and cleaning of materials, as specified in these Construction Details and shown on the Plans, and no additional allowances will be made therefor.

Curb and Gutter. Gutter width varies from site to site and Contractor should carefully review the Project Plans. All curb and gutter shall be measured and paid for as if it were standard curb and gutter per Standard Drawing No. 102. Curb and gutter shall not be poured monolithic with the sidewalk unless otherwise approved by the Engineer.

Measurement. Curb and gutter will be measured by the linear foot, in place along the face of curb.

Payment. The contract price paid per linear foot for curb and gutter shall include full compensation for furnishing all labor, materials, tools, and equipment, and doing all the work involved in constructing curb and gutter as specified including furnishing and placing aggregate base, and preparing subgrade, and no additional compensation will be allowed therefore.

Remove Concrete (Sidewalk & Flatwork). The contractor shall remove existing curb ramps and flatwork sidewalk.

Measurement. Removal of Concrete (Sidewalk & Flatwork) will be measured by the square foot, in place.

Payment. The contract price will be paid per square foot and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals for performing all work involved in the removal of existing concrete sidewalk, pedestrian ramps and driveways, clearing and grubbing of existing vegetation and including but not limited to saw cutting, removal of concrete, sand and base rock, excavation, stockpiling removed materials, hauling and disposal of removed materials, and cleaning of materials, as specified in these Construction Details and shown on the Plans, and no additional allowances will be made therefor.

Curb ramps. Curb and gutter may be poured monolithic with the curb ramp.

Curb Ramp Detectable Warning Surface: Pedestrian ramp detectable warning surface shall consist of raised truncated domes constructed with pedestrian ramps in conformance with the details shown on the plans and these special provisions. The detectable warning surface shall be Armor-Tile cast-in-place detectable warning surface or approved equal. The color of the detectable warning shall be yellow conforming to Federal Standard 595B, Color No. 33538.

The finished surfaces of the detectable warning surface shall be free from blemishes. Installation will be per manufacturer's instructions or as directed by the Engineer.

The manufacturer shall provide a written 5-year warranty for prefabricated detectable warning surfaces, guaranteeing replacement when there is a defect in the dome shape, color, fastness, sound-on-cane acoustic quality, resilience, or attachment. The warranty period shall begin upon final acceptance of the project.

Full compensation for furnishing, constructing, and installing curb ramp detectable warning surfaces shall be considered as included in the contract price paid for Wheelchair Ramp installation and no additional allowance will be made therefor.

Measurement. Curb ramps will be measured by the square foot in place. Curb and gutter adjacent to curb ramps will be measured and paid for as curb and gutter.

Payment. The contract price paid per square foot of curb ramps shall include full compensation for furnishing all labor, materials, tools, and equipment, and doing all the work involved in constructing curb ramps as specified including furnishing and placing aggregate base, preparing subgrade, and protecting existing traffic sign poles and foundations, and no additional compensation will be allowed therefore.

Sidewalks. Sidewalks shall be constructed in accordance with City Standard Drawing No. 102. Sidewalks shall not be poured monolithic with the curb and gutter unless otherwise approved by the Engineer.

Measurement. Sidewalks will be measured by the square foot in place. Curb and gutter, or vertical concrete retaining curb adjacent to sidewalks will be measured and paid for as curb and gutter, or retaining curb.

Payment. The contract price paid per square foot for sidewalks shall include full compensation for furnishing all labor, materials, tools, and equipment, and doing all the work involved in constructing sidewalks as specified including furnishing and placing aggregate base, preparing subgrade, and protecting existing traffic sign poles and foundations, and no additional compensation will be allowed therefore.

Valley Gutters. Valley gutters shall be poured with a cold joint at the connection to the existing valley gutter. Valley gutters shall be constructed a minimum of nine (9) inches thick at the center and a minimum of nine and one half (9.5) inches thick at the outer edges.

Measurement. Valley gutters will be measured by the square foot in place.

Payment. The contract price paid per square foot for valley gutters shall include full compensation for furnishing all labor, materials, tools, and equipment, and doing all the work involved in constructing valley gutters as specified, including furnishing and placing aggregate base, and preparing subgrade, and no additional compensation will be allowed therefore.

Saw Cut Concrete. This work shall include saw cutting Portland Cement Concrete (PCC) sidewalks, driveway approaches, curb and gutters, and valley gutters at the locations shown on the Project Plans and at locations as directed by the Engineer. Except where the plans call for a full depth cut, the concrete shall be cut in a neat line to a minimum depth of 0.17 foot with a power driven saw before concrete is removed.

Payment. Full compensation for complying with this section of the Special Provisions shall be considered as included in the prices paid for the various contract items of work, and no additional compensation will be allowed therefore.

13-15. Remove and Replace Sign Post. This work shall include removal of existing sign posts within the new concrete construction area and reinstalling new removable sign post sleeves per detail and cast in the new concrete as directed at the locations shown on the Project Plans and at locations as directed by the Engineer. The City of Ukiah will provide the signs to the contractor to be installed on the new post.

Payment. Full compensation for complying with this section of the Special Provisions shall be paid as each including the post and base as a single unit.

13-16. Storm Drain Pipe. All storm drains and related appurtenances shall be constructed in accordance with the Standard Specifications, the City of Ukiah Standard Plans, the Plans and these Special Provisions.

Materials. Storm drain pipe shall conform to the provisions of the Standard Specifications, the City of Ukiah Specifications, the Plans and these Special Provisions.

Storm drain pipe shall be High Density Polyethylene (HDPE). HDPE storm drain pipe shall conform to the provisions of Section 64, "Plastic Pipe" of the Standard Specifications. HDPE pipe shall be type S corrugated polyethylene pipe with a smooth inner lining and corrugated outer wall.

Excavation and Backfill. Excavation and backfill shall be in accordance with the Standard Specifications, the City of Ukiah Standard Plans, the Plans, these Special Provisions and as directed by the Engineer.

Prior to the start of excavation for storm drain installation, the contractor shall pothole to determine the exact horizontal and vertical location of all crossing utilities. Potholing shall consist of excavating with hand tools to whatever depth necessary in the proposed trench line for a distance of up to two feet on either side of the apparent utility crossings as indicated by the plans and by the USA mark-outs until the exact location of all utilities is established. If a marked utility cannot be located within four feet on either side of the USA mark-out, the Contractor shall immediately contact Underground Service Alert to re-mark the utility and notify the Engineer.

Trenches shall not be open longer than the time required to place the pipe and backfill to the adjoining grade. Trenches shall be backfilled the same day within allowable working hours.

If, during excavation for any storm drain pipe, material is encountered which is unsuitable as a foundation for such culvert or structure, such unsuitable material shall be removed to a depth as required by the Engineer and the resulting space shall be refilled with approved material.

Laying Pipe: Unless otherwise specifically permitted by the Engineer, all pipes shall be laid upgrade.

All pipe joints shall be sealed with use of a rubber gasket. A joint lubricant recommended by the pipe manufacturer shall be used on gasket sealed pipe.

Video Inspection of Storm Drain Pipe: All new and modified storm drain pipes and structures shall be inspected by video inspection completed by or provided by the contractor as witnessed by City inspection.

Measurement. Storm drain pipe, of the various types and sizes, will be measured by the lineal foot from center of structure to center of structure of connection point.

No separate measurement will be made for video inspection.

Payment. Storm Drain will be paid for at the contract price per lineal foot for specified types and sizes as installed, which price shall include full compensation for furnishing all labor, materials, tools, and equipment and doing all the work involved in placing storm drain as specified.

Full compensation for removing and disposal of existing storm drain pipe to be replaced as shown on the plans shall be considered as included in the contract prices paid per lineal foot for storm drain pipe and no additional allowance will be made therefore.

13-17. Drainage Structures. Drainage structures shall conform to the provisions in Section 70, "Miscellaneous Facilities," of the Standard Specifications, City Standards and these Special Provisions.

Storm drain catch basin construction shall conform to the requirements of City Standard Nos. 403, 406 and 408, or as specified on the Plans. At the option of the Contractor, catch basins bases may be poured in place or furnished and install as precast units at the option of the Contractor.

Drop inlets shall be of the type and size as specified on the Plans. At the option of the Contractor, drop inlets and bases may be poured in place or furnished and installed as precast units.

Concrete used for drainage structures shall conform to the provisions in Section 90-10, "Minor Concrete," of the Standard Specifications. Portland Cement Concrete shall be Class A, conforming to the provision of Section 90, "Portland Cement Concrete," of the Standard Specifications. Reinforcement shall be Grade 60 conforming to the provisions of Section 52, "Reinforcement," of the Standard Specifications.

Connection of storm drain lines to existing storm drain structures shall conform to the requirements of Section 51-1.135, "Mortar," of the Standard Specifications and these Special Provisions.

The Contractor shall break into the side of existing structures using a roto-hammer or other device approved by the Engineer. Sufficient concrete shall be removed to adequately connect the new storm drain without removing excess concrete material. No damage shall be done beyond the tie-in location as shown on the plans. Bar reinforcing and/or wire mesh reinforcing shall be neatly cut and removed. All waste concrete and reinforcing shall be removed in accordance with Section 7-1.13, "Disposal of Materials Outside the Highway Right-of-Way," of the Standard Specifications.

The new storm drain line shall be installed such that it does not protrude into the existing drainage structure. The void around the new storm drain line shall be filled with mortar. The mortar inside the existing drainage structure shall be troweled smooth so there is a clean smooth connection.

Measurement. Drainage Structures, of various types, will be measured by each. No separate measurement will be made for connecting storm drain lines to existing drainage structures, miscellaneous iron and steel, and Class 2 aggregate base under drainage structures.

Payment. Drainage Structures, of the various types, will be paid for at the contract price per each for specified types and sizes as installed, which price shall include full compensation for furnishing all labor, materials, tools, and equipment and doing all the work involved in placing drainage structures as specified.

13-18. Water Main - 6" PVC Pipe – C900 Class 200. Full compensation will be measured and paid for at the contract unit price per **linear foot**, which price shall include full compensation for furnishing all labor, materials, tools and equipment and doing all the work involved in furnishing and installing water pipe including all pipe fittings and valves, concrete thrust blocks & pipe restraint as show on the plans, complete in place, all excavation & disposal of excavated material; hand digging to protect roots; root pruning; abandonment, temporary connections, removal and disposal of existing materials; connecting to new or existing pipe; dewatering and ground water disposal; controlled low strength material if used; temporary and permanent trench paving; obtaining and disposing of construction water; swabbing, disinfecting and testing; and any other items when required by the work or shown on the Plans, not specifically enumerated in the Plans or these specifications and no additional allowance will be made therefor.

13-19. Water Services. Full compensation for all 1" water service laterals, single meters and service connections will be measured and paid for at the contract unit price per **item**, which price shall include full compensation for furnishing all labor, materials, tools and equipment and doing all the work involved in furnishing and installing water lateral pipe, water meters and service connections including all pipe fittings, as show on the plans, complete in place; all excavation & disposal of excavated material; hand digging to protect roots; root pruning; abandonment, temporary connections, removal and disposal of existing materials; connecting to new or existing pipe; identifying, locating and connecting to the existing building water service connection 1-ft from the property boundary; dewatering and ground water disposal; controlled low strength material if used; temporary and permanent trench paving and any other items when required by the work or shown on the Plans, not specifically enumerated in the Plans or these specifications and no additional allowance will be made therefor.

13-20. Fire Hydrants. Full compensation for fire hydrants and laterals will be measured and paid for at the contract unit price per **item**, which price shall include full compensation for furnishing all labor, materials, tools and equipment and doing all the work involved in furnishing and installing fire hydrants including all pipe fittings, concrete thrust blocks & pipe restraint as show on the plans, complete in place, all excavation & disposal of excavated material; hand digging to protect roots; root pruning; abandonment, temporary connections, removal and disposal of existing materials; connecting to new or existing pipe; dewatering and ground water disposal; controlled low strength material if used; temporary and permanent trench paving; testing; and any other items when required by the work or shown on the Plans, not specifically enumerated in the Plans or these specifications and no additional allowance will be made therefor.

13-21. Temporary Blow Off. Full compensation for Temporary Blow Off will be measured and paid for at the contract unit price per **item**, which price shall include full compensation for furnishing all labor, materials, enclosures, labels,

coatings, concrete pads, temporary thrust restraint, hardware, tools and equipment and doing all the work involved in furnishing and installing temporary blow offs including all pipe fittings, as shown on the plans, complete in place; all excavation & disposal of excavated material; hand digging to protect roots; root pruning; abandonment, temporary connections, removal and disposal of existing materials; connecting to new or existing pipe; dewatering and ground water disposal; controlled low strength material if used; testing; and any other items when required by the work or shown on the Plans, not specifically enumerated in the Plans or these specifications and no additional allowance will be made therefor.

13-22. Abandon or Remove Water System Components. Full compensation for Abandon or Remove Water System Components (valves, pipelines, laterals) will be measured and paid for at the contract **lump sum** price, which price shall include full compensation for furnishing all labor, materials, tools and equipment, and doing all work involved in demolition and disposal of redundant water system components in conflict with the new construction, and no additional allowance will be made therefor.

13-23. Trench Bracing and Shoring. Full compensation for Trench Bracing and Shoring will be measured and paid for at the contract **lump sum** price, which price shall include full compensation for furnishing all labor, materials, tools and equipment, and doing all work involved in trench bracing and shoring, and no additional allowance will be made therefor.

13-24. Remove and Replace Existing Sanitary Sewer 8" Pipe. Full compensation for all 8" PVC Pipe – SDR 26 sanitary sewer pipe will be measured and paid for at the contract unit price per **linear foot**, which price shall include full compensation for furnishing all labor, materials, tools and equipment and doing all the work involved in furnishing and installing the sanitary sewer pipe, including all pipe fittings, as shown on the plans, complete in place; all excavation & disposal of excavated materials; connecting to new or existing pipe or manholes; dewatering and groundwater disposal; controlled low strength material if used; temporary and permanent trench paving; testing; CCTV inspection; and any other items when required by the work or shown on the Plans, not specifically enumerated in the Plans or these specifications, and no allowance will be made therefor.

Full compensation for Remove Existing Sanitary Sewer Pipe will be included in the installation of new sewer main as remove and replace. Full compensation for removal of existing sanitary sewer pipe shall be considered as included in the prices paid for the various contract items of work and no additional allowance will be made therefore.

13-25. Remove Existing Sanitary Sewer Manhole. Full compensation for Removal of Existing Sanitary Sewer Manhole will be measured and paid for at the contract unit price per **each**, which price shall include full compensation for furnishing all labor, materials, tools and equipment, and doing all the work involved in removing, demolishing and disposal of existing sanitary sewer manhole, and no additional allowance will be made therefor.

13-26. Install Sanitary Sewer Manhole. Full compensation for all 48" sanitary sewer manholes will be measured and paid for at the contract unit price per **item**, which price shall include full compensation for furnishing all labor, materials, tools and equipment and doing all the work involved in furnishing and installing the sanitary sewer manholes, as shown on the plans, complete in place; all excavation & disposal of excavated materials; connecting to new or existing pipe; dewatering and groundwater disposal; controlled low strength material if used; frames and covers; testing; and any other items when required by the work or shown on the Plans, not specifically enumerated in the Plans or these specifications, and no allowance will be made therefor.

13-27. Install Inline Sanitary Sewer Cleanout. Full compensation for all sanitary sewer inline cleanouts will be measured and paid for at the contract unit price per **item**, which price shall include full compensation for furnishing all labor, materials, tools and equipment and doing all the work involved in furnishing and installing the sanitary sewer laterals and cleanouts, including all pipe fittings, as shown on the plans, complete in place; all excavation & disposal of excavated materials; connecting to new or existing sewer main; all cleanouts frames and covers; dewatering and groundwater disposal; controlled low strength material if used; temporary and permanent trench paving; testing; and any other items when required by the work or shown on the Plans, not specifically enumerated in the Plans or these specifications, and no allowance will be made therefor.

13-28. Sewer Laterals and Cleanouts. Full compensation for all 4" sanitary sewer laterals and cleanouts will be measured and paid for at the contract unit price per **item**, which price shall include full compensation for furnishing all labor, materials, tools and equipment and doing all the work involved in furnishing and installing the sanitary sewer laterals and cleanouts, including inspecting existing live laterals and marking the alignment back to the point of connection to the building; all pipe fittings, as shown on the plans, complete in place; all excavation & disposal of

excavated materials; connecting to sanitary sewer main; connecting to existing sanitary sewer lateral 1-ft from the property boundary; all cleanouts frames and covers; dewatering and groundwater disposal; controlled low strength material if used; temporary and permanent trench paving; testing; and any other items when required by the work or shown on the Plans, not specifically enumerated in the Plans or these specifications, and no allowance will be made therefor.

13-29. Mobilization and Demobilization. Full compensation for Mobilization, Demobilization and Final Cleanup will be made in two (2) equal payments at the lump sum allowance in the Bid Schedule, which price shall constitute full compensation for all such work. The scope of work for mobilization shall include, but not limited to, obtaining all bonds, insurance and permits, moving onto the site of all plant and equipment, submittal and approval of a schedule of values for lump sum items, and obtaining approval for all shop drawings and materials. Payment for demobilization and final cleanup shall occur when all required items per the Contract are fulfilled and the site is free of equipment and clean and ready for use by the public. The bid amount for Mobilization, Demobilization and Final Cleanup items shall not exceed 2.5% of the total construction contract sub-total bid price.

13-30. Construction Surveying. Construction surveying including horizontal and vertical control and staking shall be the responsibility of the Contractor. Vertical and horizontal control is to be established from the existing Control Points shown on the Plans. Vertical Control Points are shown on the Plans.

Measurement and Payment. Full compensation for Construction Survey will be measured and paid for at the contract lump sum price and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals for performing all work involved in establishing and maintaining vertical control and horizontal control, staking, and related construction surveying required to perform the Work, and no additional allowances will be made therefor.

13-31. Clearing and Grubbing. Clearing and grubbing shall conform to the provisions in Section 16, "Clearing and Grubbing," of the Caltrans Standard Specifications, the City Standards and these Special Provisions. Concrete removal shall conform to applicable provisions of Section 15-3 of the Standard Specifications and these Special Provisions.

The Contractor's attention is directed to Section 7-1.11, "Preservation of Property" of the Caltrans Standard Specifications.

All concrete which is to be removed from sidewalk, curb, gutter, and gutter pan, shall be removed to the nearest score mark or construction joint as directed by the Engineer unless otherwise noted on plans.

All trimming and/or removal of trees, bushes or other vegetation within project limits will be completed as part of the line item work included with removal and construction of concrete.

Reinforcing steel may be encountered in portions of concrete to be removed and no additional allowance will be made for the removal of such steel.

All improvements which are not planned to be removed as part of this work, but are damaged or destroyed by reason of the Contractor's operations shall be replaced in kind or restored to a condition as good as when the Contractor encountered the work at the Contractor's expense.

The Contractor shall dispose of all debris off site and in a legal manner.

Payment: Full compensation for **clearing and grubbing** shall be considered as included in the prices paid for the various contract items of work and no additional allowance will be made therefore.

SECTION 14. EXCLUSIONS FROM GENERAL CONDITIONS

14-01. Provisions to be Excluded from General Conditions. The following designated provisions of the General Conditions are hereby determined to be inapplicable to the proposed work and, therefore, are hereby excluded from the terms of the Notice to Bidders, Proposal, Agreement and other contract documents as though entirely omitted from said General Conditions:

- (1) Section 6-02. Office at the Site
- (2) Section 7-03. Surveys

No other exclusions.

SECTION 15. AMENDMENTS TO GENERAL CONDITIONS

15-01. Sections of General Conditions to be Amended.

The following designated sections of the Special Provisions are hereby amended to read as follows:

No amendments.

BID SUBMITTAL CHECKLIST

The following is a checklist to assist you in your submission of your bid documents. Please make sure you include the following when submitting your bid documents to reduce the risk of having your bid rejected:

Did you include?...

- **Proposal (Page 48)**
 - Unit prices filled out clearly.
 - Extended prices filled out clearly and calculated correctly
 - Total bid amount filled out clearly and calculated correctly
 - Sign the proposal, and provide complete information
 - CLSB No. and expiration date
 - Department of Industrial Relations Public Works Contractor Registration Number
- **Fair Employment Practices Certification (Page 51)**
 - Filled out completely per instruction
- **Worker's Compensation Certificate (Page 52)**
 - Filled out completely per instruction
- **Certification of Non-Discrimination in Employment (Page 53)**
 - Filled out completely per instruction
- **List of Proposed Subcontractors (Page 54)**
 - Filled out completely per instruction
- **Statement of Experience (Page 55)**
- **Signature of Bidder (Page 56)**
 - Filled out completely per instruction
 - Authorized signature provided
- **Bidder's Bond (Page 57)**
 - Filled out completely per instruction
- **Non-Collusion Affidavit (Page 58)**
 - Filled out completely per instruction
 - Notarized
- **Addenda Issued**
 - Check the City website for any addenda issued: www.cityofukiah.com/purchasing.

**CITY OF UKIAH
MENDOCINO COUNTY, CALIFORNIA**

PROPOSAL

**FOR
DORA STREET UTILITY IMPROVEMENT PROJECT**

SPECIFICATION NO. 19-01

The undersigned, as bidder, declares that he or she has examined thoroughly all of the contract documents herein contained, that this proposal is made without collusion with any other person, firm or corporation and that all laws and ordinances relating to the interest of public officers in this contract have been complied with in every respect.

AND he or she proposes and agrees, if this proposal is accepted,

- 1) that he or she will contract with the City of Ukiah, Mendocino County, California, in the form of the copy of the agreement herein contained
 - a) to provide all necessary machinery, tools, apparatus and other means of construction;
 - b) to furnish all materials;
 - c) to provide all superintendence, overhead expenses and all labor and expenses of whatever nature necessary to complete the job in conformity with the specifications and drawings and other contract provisions herein or reasonably implied hereby or as necessary to complete the work in the manner and within the time named herein and according to the requirements and to the reasonable satisfaction of the City Engineer;
 - d) to pay all charges of freight transportation and hauling;
- 2) that he or she indemnifies the City against any loss or damage arising from any act of the undersigned as Contractor; and
- 3) that he or she will accept as full payment therefor the following sums:

BIDDING SCHEDULE

In the case of any discrepancy between the unit price and the total set forth for the item, the unit price shall prevail; provided, however, that if the amount set forth as a unit price is ambiguous, unintelligible or uncertain for any reason, or is omitted, or in the case of lump sum items, is not the same amount as the entry in the "Total" column, then the amount set forth in the "Total" column for the item shall prevail in accordance with the following:

1. As to lump sum items, the amount set forth in the "Total" column shall be the unit price;
2. As to unit basis items, the amount set forth in the "Total" column shall be divided by the estimated quantity for the item and the price thus obtained shall be the unit price.

The Total Base Bid shall be the sum of the items in the "Total" column. In case of discrepancy between the sum of the items in the "Total" column and the amount entered as Total Base Bid, the sum of the "Total" column items shall prevail. The bid comparison will be based on the sum of the items in the "total" column for each bidder.

The Unit prices for the various Construction Items below include all costs associated with the General Conditions, Special Provisions, Requirements of the Construction Contract, and represent the total, complete, in-place cost for each specific Construction Item in accordance with the Construction Documents, including all elements, work components, accessories, and connections, shown in applicable details or required to yield a complete, sound and functional component or system appropriate for its intended function, whether or not such is specifically described or listed in any description of measurement or payment. The total amount of the Construction items below shall represent the total and complete cost of the fully functional Project. All work not specifically listed below be required to complete the work of the various construction items and the cost of such shall be considered as included throughout the various unit prices indicated.

Lowest bid will be based on the lowest Base Bid.

NAME OF BIDDER: _____
SPEC #: 19-01
PROJECT NAME: DORA STREET UTILITY IMPROVEMENT PROJECT

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	EXTENDED PRICE
1	TRAFFIC CONTROL	LS	1		
2	MOBILIZATION / DEMOBILIZATION	LS	1		
3	CONSTRUCTION SURVEY	LS	1		
4	PUBLIC NOTIFICATION	LS	1		
5	ROADWAY EXCAVATION	CY	10,838		
6	REMOVE UNSUITABLE MATERIAL	CY	100		
7	SOIL STABILIZATION FABRIC	SY	21,265		
8	CLASS 2 AGGREGATE BASE	CY	7,225		
9	HOT MIX ASPHALT (TYPE A)	TN	7,315		
10	REMOVE 6-INCH SEWER MAIN AND REPLACE WITH 8-INCH SEWER MAIN	LF	2,059		
11	REMOVE AND REPLACE 6-INCH SEWER MAIN	LF	144		
12	4 INCH SEWER LATERAL WITH CLEANOUT	EA	23		
13	INSTALL INLINE 8" SEWER CLEANOUT	EA	4		
14	INSTALL 48 INCH SANITARY SEWER MANHOLE	EA	11		
15	REMOVE 48 INCH SANITARY SEWER MANHOLE	EA	12		
16	TRENCH BRACING AND SHORING	LS	1		
17	STORM DRAIN INLET - TYPE GO D73E	EA	2		
18	STORM DRAIN INLET - MODEL 4AC	EA	4		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	EXTENDED PRICE
19	STORM DRAIN INLET - MODEL 4AC WITH 6Y PELICAN FIBERGLASS COMPONENTS	EA	1		
20	STORM DRAIN JUNCTION BOX - MODEL JB3636	EA	2		
21	CONNECT 24" HDPE STORM DRAIN TO EXISTING BASIN	EA	1		
22	STORM DRAIN - 12 INCH HDPE	LF	32		
23	STORM DRAIN - 18 INCH HDPE	LF	633		
24	STORM DRAIN - 24 INCH HDPE	LF	567		
25	6 INCH PVC WATER MAIN CLASS 200	LF	4,217		
26	1" WATER SERVICE PLUMBED FOR 3/4" METER	EA	31		
27	1" WATER SERVICE PLUMBED FOR 1" METER	EA	3		
28	2" COMPOUND WATER METER	EA	1		
29	6" FIRE SERVICE LINE	EA	1		
30	FIRE HYDRANT AND LATERAL ASSEMBLY	EA	8		
31	REMOVE AND SALVAGE EXISTING FIRE HYDRANT	EA	8		
32	ABANDON OR REMOVE WATER SYSTEM COMPONENTS	LS	1		
33	TEMPORARY BLOW OFF	EA	2		
34	WATER MAIN TIE IN	EA	21		
35	ADJUST MANHOLE TO GRADE	EA	11		
36	ADJUST VALVE BOX TO GRADE	EA	49		
37	REMOVE CONCRETE (CURB & GUTTER)	LF	1,046		
38	REMOVE CONCRETE (SIDEWALK & FLATWORK)	SF	6,473		
39	REMOVE CONCRETE (VALLEY GUTTER)	SF	3,634		
40	MINOR CONCRETE (CURB & GUTTER)	SF	1,046		
41	MINOR CONCRETE (CURB RAMP)	SF	5,117		
42	MINOR CONCRETE (SIDEWALK)	SF	1,356		
43	MINOR CONCRETE (VALLEY GUTTER)	SF	3,634		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	EXTENDED PRICE
44	MINOR CONCRETE (CURB)	SF	28		
45	REMOVE & REPLACE ROADSIDE SIGN POST	EA	17		
46	TRAFFIC STRIPE (DETAIL 1)	LF	1,536		
47	TRAFFIC STRIPE (DETAIL 21)	LF	1,200		
48	TRAFFIC STRIPE (DETAIL 27B)	LF	4,225		
49	TRAFFIC STRIPE (DETAIL 39)	LF	4,225		
50	TRAFFIC STRIPE (DETAIL 39A)	LF	1,200		
51	THERMO X-WALK & PAVEMENT MARKING	SF	3,223		
52	PAVEMENT MARKERS	EA	15		
TOTAL BID PRICE				\$	

We, the undersigned, acknowledge that the City Council has reserved the right to reject any or all bids and to determine which proposal is, in its opinion, the lowest responsive bid from a responsible bidder and that which it deems in the best interest of the City to accept. We, the undersigned, further agree, if this proposal shall be accepted, to sign the agreement and to furnish the required bonds with satisfactory surety, or sureties, within fifteen (15) calendar days after written notice that the contract is ready for signature; and, if the undersigned shall fail to contract, as aforesaid, it shall be understood that he or she has abandoned the contract and that, therefore, this proposal shall be null and void and the proposal guaranty accompanying this proposal, or the amount of said guaranty, shall be forfeited to and become the property of the City. Otherwise, the proposal guaranty accompanying this proposal shall be returned to the undersigned.

Witness our hands this day of _____, 20____.

Licensed in accordance with an act providing for the registration of California Contractors License No. _____, expiration date _____.

THE CONTRACTOR'S LICENSE NUMBER AND EXPIRATION DATE STATED HEREIN ARE MADE UNDER PENALTY OF PERJURY.

Department of Industrial Relations Public Works Contractor Registration Number:_____

Signature of bidder or bidders, with business name, address, phone number and fax number:

Notice: In the case of a corporation, give below the addresses of the principal office thereof and names and addresses of the President, Secretary, Treasurer.

FAIR EMPLOYMENT PRACTICES CERTIFICATION

TO: _____

The undersigned, in submitting a bid for performing the following work by Contract, hereby certifies that he or she has or will meet the standards of affirmative compliance with the Fair Employment Practices requirements of the Special Provisions contained herein.

DORA STREET UTILITY IMPROVEMENT PROJECT

(Signature of Bidder)

Business Mailing Address:

Business Location:

(The bidder shall execute the certification of this page prior to submitting his or her proposal.)

WORKER'S COMPENSATION CERTIFICATE

I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for Worker's Compensation or undertake self-insurance in accordance with the provisions of that code and I will comply with such provisions before commencing the performance of the work of this contract.

Witness my hand this _____ day of _____, 20____

Signature of Bidder, with Business Address:

CERTIFICATION OF NONDISCRIMINATION IN EMPLOYMENT

The bidder represents that he or she has/has not, participated in a previous contract or subcontract subject to either the equal opportunity clause herein or the clause contained in Section 301 of Executive Order 10925; that he or she has/has not, filed all required compliance reports; and that representations indicating submission of required compliance prior to subcontract awards.

Signature and address of Bidder:

_____ Date _____

(This certification shall be executed by the bidder in accordance with Section 60-1.6 of the Regulations of the President's Committee on Equal Employment Opportunity for implementing Executive Orders 10925 and 11114.)

LIST OF PROPOSED SUBCONTRACTORS

In compliance with the provisions of Sections 4100-4108 of the California Public Contract Code and any amendments thereof, each bidder shall set forth (a) the name and location of the place of business of each subcontractor who will perform work or labor or render service in or about the construction site or a subcontractor licensed by the State of California who, under subcontract to the prime contractor, specially fabricates and installs a portion of the work or improvement according to detailed drawings contained in the plans and specifications in an amount in excess of one-half of 1 percent of the total bid and (b) the California Contractor License Number for each subcontractor, and (c) the portion of the work to be done by each subcontractor. (See General Conditions Section 1-09.) Include with the name of each sub-contractor their Department of Industrial Relations Public Works Contractor Registration Number.

SUBCONTRACTOR NAME	SUBCONTRACTOR LICENSE NUMBER	SUBCONTRACTOR DIR REGISTRATION NUMBER	SUBCONTRACTOR BUSINESS ADDRESS	DESCRIPTION OF WORK

STATEMENT OF EXPERIENCE OF BIDDER

The bidder is required to state below what work of similar magnitude or character he or she has done and to give references that will enable the City Council to judge of his or her experience, skill and business standing and his or her ability to conduct work as completely and rapidly as required under the terms of the contract.

[illegible]

SIGNATURE(S) OF BIDDER

Accompanying this proposal is _____
(insert the words "cash (\$)", "cashier's check" or "bidder's bond", as the case may be) in an amount equal to at least 10 percent of the bid.

The names of all persons interested in the foregoing proposal as principals are as follows:

IMPORTANT NOTICE: If bidder or other interested person is a corporation, provide the legal name of corporation and also the names of the president, secretary, treasurer and manager thereof. If a co-partnership, provide the true name of firm and also the names of all individual co-partners composing the firm. If bidder or other interested person is an individual, provide the first and last names in full.

Licensed in accordance with an act providing for the registration of Contractors:

License No. _____, License Expiration Date _____.

Signature(s) of Bidder: _____

NOTE: If bidder is a corporation, the legal name of the corporation shall be set forth above together with the signature of the officer or officers authorized to sign contracts on behalf of the corporation; if bidder is a co-partnership, the true name of the firm shall be set forth above together with the signature of the partner or partners authorized to sign contracts in behalf of the co-partnership; and if bidder is an individual, his or her signature shall be placed above. If a member of a partnership, a Power of Attorney must be on file with the Department prior to opening bids or submitted with the bid; otherwise, the bid will be disregarded as irregular and unauthorized.

Business address: _____

Place of residence: _____

Dated: _____

CITY OF UKIAH
Mendocino County, California

BIDDER'S BOND

KNOW ALL MEN BY THESE PRESENTS,

That we, _____

_____, as PRINCIPAL and

_____, as SURETY,

are held and firmly bound unto the City of Ukiah in the penal sum of 10 PERCENT OF THE TOTAL AMOUNT OF THE BID of the Principal above named, submitted by said Principal to the City of Ukiah, as the case may be, for the work described below, for the payment of which sum in lawful money of the United States, well and truly to be made, to the City Clerk to which said bid was submitted, we bind ourselves, our heirs, executors, administrators and successors jointly and severally, firmly by these presents. In no case shall the liability of the surety hereunder exceed the sum of \$ _____

THE CONDITION OF THIS OBLIGATION IS SUCH,

That whereas the Principal has submitted the above mentioned bid to the City of Ukiah, as aforesaid, for certain construction specifically described as follows, for which bids are to be opened at the Office of the City Clerk, Ukiah Civic Center, Ukiah, California, on xxxxxxxx for DORA STREET UTILITY IMPROVEMENT PROJECT.

NOW, THEREFORE, If the aforesaid Principal is awarded the contract and, within the time and manner required under the specifications, after the prescribed forms are presented to him or her for signatures, enters into a written contract, in the prescribed form, in accordance with the bid and files two bonds with the City of Ukiah, one to guarantee faithful performance and the other to guarantee payment for labor and materials, as required by law, then this obligation shall be null and void; otherwise, it shall be and remain in full force and virtue.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this _____ day of _____, A.D. 20_____.

_____(Seal)

_____(Seal)

_____(Seal)

Principal

_____(Seal)

_____(Seal)

_____(Seal)

Surety

Address: _____

NON-COLLUSION AFFIDAVIT

Note: Bidder shall execute the affidavit on this page prior to submitting his or her bid.

To City Council, City of Ukiah:

The undersigned in submitting a bid for performing DORA STREET UTILITY IMPROVEMENT PROJECT by contract, being duly sworn, deposes and says:

that he or she has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with such contract.

Signature(s) of Bidder

Business Address: _____

Place of Residence: _____

NOTARIZATION

Subscribed and sworn to before me this _____ day of _____, 20____.

Notary Public in and for the County of _____, State of California.

My Commission Expires _____, 20 ____.

CITY OF UKIAH
Mendocino County, California

AGREEMENT

FOR

DORA STREET UTILITY IMPROVEMENT PROJECT

SPECIFICATION NO. 19-01

THIS AGREEMENT, made this _____ day of _____, 20____, by and between the City of Ukiah, Mendocino County, California, hereinafter called the City and _____ hereinafter called the Contractor,

WITNESSETH:

WHEREAS, the City has caused to be prepared in accordance with law, specifications, drawings and other contract documents for the work herein described and shown and has approved and adopted these contract documents, specifications and drawings and has caused to be published in the manner and for the time required by law a notice to bidders inviting sealed proposals for doing the work in accordance with the terms of this contract and

WHEREAS, the Contractor, in response to the notice to bidders, has submitted to the City a sealed proposal accompanied by a proposal guaranty in an amount of not less than 10 percent of the bid price for the construction of the proposed work in accordance with the terms of this contract and

WHEREAS, the City, in the manner prescribed by law, has publicly opened, examined and canvassed the proposals submitted and as a result has determined and declared the Contractor to be the lowest and best regular responsible bidder for the work and for the sums named in the proposal,

NOW, THEREFORE, THIS AGREEMENT WITNESSETH:

Article 1. Work to be Done and Contract Days Allowed.

That the Contractor shall provide all necessary machinery, tools, apparatus and other means of construction; shall furnish all materials, superintendence, overhead, expenses, all labor and expenses of whatever nature necessary for completion of the work in conformity with the Special Provisions and other contract documents hereto attached and according to such instructions as may be given by the Engineer. The Contractor shall complete the work within **one hundred eighty (180) working days**. Contract days shall be counted starting with the 10th day following receipt of notice that the contract has been executed by the City. Contractor, at his or her option, may begin work prior to start of counting contract days, however, in no event shall the Contractor start work without giving notification to the Engineer at least 72 hours prior to the start of work, without obtaining an encroachment permit from the City, or without having submitted certificates of insurance that have been accepted and approved by the Engineer

Article II. Contract Prices.

That the City shall pay the Contractor the prices stated in the proposal submitted by the Contractor, for complete performance of the contract by the Contractor. The Contractor hereby agrees to accept the prices as full compensation for all material and appliances necessary to the work, for all labor and use of tools and other implements necessary to execute the work contemplated in this contract; for all loss or damage arising out of the nature of the work or from the action of the elements, or from any unforeseen obstructions or difficulties which may be encountered in the prosecution of the work; for all risks of every description connected therewith; for all expenses of the work, as herein specified; for all liability and other insurance, for all overhead and other expenses incident to the work; all according to the Contract Drawings, the Special Provisions, the Details, the instructions and the requirements of the City.

Article III. Labor Discrimination.

Attention is directed to Section 1735 of the Labor Code, which reads as follows:

"No discrimination shall be made in the employment of persons upon public works because of the race, color, national origin or ancestry, or religion of such persons and every contractor for public works violating this section is subject to all the penalties imposed for a violation of this chapter."

In connection with the performance of work under this contract, the Contractor agrees as follows:

- (a) The Contractor will not willfully discriminate against any employee or an applicant for employment because of race, color, religion, ancestry, or national origin. The Contractor will take affirmative action to ensure that applicants are employed and that employees are treated during employment without regard to their race, color, religion, ancestry, or national origin. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the awarding authority setting forth the provisions of this Fair Employment Practice section.
- (b) The Contractor will send to each labor union or representative of workers with which he or she has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the awarding authority, advising the said labor union or worker's representative of the Contractor's commitments under this section, to employees and applicants for employment.
- (c) The Contractor will permit access to his or her records of employment, employment advertisements, application forms and other pertinent data and records by the Fair Employment Practices Commission, City of Ukiah or any other appropriate agency of the State of California designated by the awarding authority, for the purposes of investigation to ascertain compliance with the Fair Employment Practices section of this contract.
- (d) A finding of willful violation of the Fair Employment Practices section of this Contract or of the Fair Employment Practices Act shall be regarded by the awarding authority as a basis for determining the Contractor to be not a "responsible bidder" as to future contracts for which such Contractor may submit bids, for revoking the Contractor's pre-qualification rating, if any and for refusing to establish, reestablish or renew a pre-qualification rating for the Contractor.

The City of Ukiah shall deem a finding of willful receipt of written notice from the Fair Employment Practices Act to have occurred upon that it has investigated and determined that the Contractor has violated the Fair Employment Practices Act and has issued an order under Labor Code Section 1426 or obtained an injunction under Labor Code Section 1429.

Upon receipt of such written notice from the Fair Employment Practices Commission, the City shall notify the Contractor that unless he or she demonstrates to the satisfaction of the awarding authority within a stated period that the violation has been corrected, his or her pre-qualification rating will be revoked at the expiration of such period.

- (e) The Contractor agrees that should the City determine that the Contractor has not complied with the Fair Employment Practices section of this Contract, then pursuant to Labor Code Section 1735 and 1775 the Contractor shall, as a penalty to the City, forfeit for each calendar day or portion thereof, for each person who was denied employment as a result of such non-compliance, the penalties provided in the Labor Code for violation of prevailing wage rates. Such monies may be recovered from the Contractor. The City may deduct any such damages from any monies due the Contractor.
- (f) Nothing contained in this Fair Employment Practices section shall be construed in any manner of fashion so as to prevent the City or the State of California from pursuing any other remedies that may be available at law.
- (g) Prior to awarding the Contract, the Contractor shall certify to the awarding authority that he or she has or will meet the following standards for affirmative compliance, which shall be evaluated in each case by the awarding authority:
 - (1) The Contractor shall provide evidence, as required by the City that he or she has notified all supervisors, foremen and other personnel officers in writing of the content of the anti-discrimination clause and their responsibilities under it.
 - (2) The Contractor shall provide evidence, as required by the City, that he or she has notified all sources of employees' referrals (including unions, employment agencies, advertisements, Department of Employment) of the content of the anti-discrimination clause.
 - (3) The Contractor shall file a basic compliance report, as required by the City. Willfully false statements made in such reports shall be punishable as provided by law. The compliance report shall also spell out the sources of the work force and who has the responsibility for determining whom to hire, or whether or not to hire.
 - (4) Personally, or through his or her representatives, the Contractor shall, through negotiations with the unions with whom he or she has agreements, attempt to develop an agreement which will:
 - a. Spell out responsibilities for nondiscrimination in hiring, referral, upgrading and training.
 - b. Otherwise implement an affirmative anti-discrimination program in terms of the unions' specific areas of skill and geography to the end that qualified minority workers will be available and given and equal opportunity for employment.
 - (5) The Contractor shall notify the City of opposition to the anti-discrimination clause by individuals, firms or organizations during the period of its pre-qualification.
- (h) The Contractor will include the provisions of the foregoing paragraphs 1 through 5 in every first tier subcontract so that such provisions will be binding upon each such subcontractor.
- (i) The "Fair Employment Practices Certification" must be completed and signed prior to the time of submitting the bid.

Article IV. Parts of the Contract.

That the complete contract consists of the following documents, all of which shall be considered a part of this agreement.

1. Notice to Bidders
2. Wage Rates
3. General Conditions
4. Technical Specifications
5. Proposal
6. Fair Employment Practices Certification
7. Agreement
8. Contract Bonds
9. Contract Drawings and Construction Details
10. Standard Drawings
11. Indemnification Agreement

IN WITNESS WHEREOF, this contract being executed in duplicate and the parties having caused their names to be signed by authority of their duly authorized office this ____ day of _____, 20 ____.

CITY OF UKIAH, MENDOCINO COUNTY, CALIFORNIA

By: _____
CITY MANAGER, CITY OF UKIAH

Attest: _____
CITY CLERK, CITY OF UKIAH

By: _____
CONTRACTOR

Attest: _____

Title: _____

The foregoing contract is approved as to form and legality this ____ day of _____, 20 ____.

CITY ATTORNEY, CITY OF UKIAH

INDEMNIFICATION AGREEMENT

This Indemnification Agreement is made and entered in Ukiah, California, on _____, 20____,
by and between the City of Ukiah (Ukiah) and _____ (Contractor).

Contractor is

_____ for Ukiah.

As a condition of issuing the work order, attached hereto, Ukiah requires assurance that Contractor will protect Ukiah from damage or damage claims which arise from its performance of the work.

Accordingly, Contractor agrees as follows:

1. **Indemnification.** Contractor shall indemnify and hold harmless Ukiah and its officers, agents, and employees from and against any claim, loss, or damage, including the legal and other costs of defending against any claim of damage or loss which arises out of the Contractor's negligent or wrongful performance under the work order attached hereto, except for claims, losses, or damages resulting from the sole and exclusive negligence or other wrongful conduct of Ukiah or its officers, agents and employees.

CONTRACTOR

BY: _____

TITLE: _____

CITY OF UKIAH
Mendocino County, California

FAITHFUL PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS,

That we the undersigned, _____

_____,
AS PRINCIPAL, and

_____,
AS SURETY,

are held firmly bound unto **THE CITY OF UKIAH**, hereinafter called the "City", in the penal sum of

_____ dollars (\$ _____)
for the payment of which sum we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally.

WHEREAS, the Principal has entered into a certain Contract with the City, dated _____, 20_____,
a copy of which is hereto attached and made a part hereof,

NOW, THEREFORE, the condition of this obligation is such that if the Principal shall in all respects fully perform the Contract and all duly authorized modifications thereof, during its original term and any extensions thereof that may be granted and during any guaranty period for which the Contract provides, and if the Principal shall fully satisfy all claims, arising out of the prosecution of the work under the Contract and shall fully indemnify the City for all expenses which it may incur by reason of such claims, including its attorney's fees and court costs, and if the Principal shall make full payment to all persons supplying labor, services, materials, or equipment in the prosecution of the work under the Contract, in default of which such persons shall have a direct right of action hereupon; and if the Principal shall pay or cause to be paid all sales and use taxes payable as a result of the performance of the Contract as well as payment of gasoline and special motor fuels taxes in the performance of the Contract and all motor vehicle fees required for commercial motor vehicles used in connection with the performance of the Contract, then this obligation shall be void; otherwise, it shall remain in full force and effect. No modification of the Contract or extension of the term thereof, nor any forbearance on the part of the City shall in any way release the Principal or the Surety from liability hereunder. Notice to the Surety of any such modification, extension, or forbearance is hereby waived.

IN WITNESS WHEREOF, the aforesaid Principal and Surety have executed this instrument and affixed their seals hereto, this _____ day of _____, 20_____.

In the presence of:

WITNESS:

_____(SEAL)
(Individual Principal)

(Business Address)

(City/State/Zip Code)

WITNESS:

_____(SEAL)
(Corporate Principal)

(Business Address)

(City/State/Zip Code)

ATTEST:

(Corporate Principal) Affix
Corporate
Seal

(Business Address)

(City/State/Zip Code)

ATTEST:

(Corporate Surety) Affix
Corporate
Seal

(Business Address)

(City/State/Zip Code)

The rate of premium on this bond is \$_____ per thousand.

The total amount of premium charges is \$_____..

(The above is to be filled in by Surety Company). (Power of Attorney of person signing for Surety Company must be attached).

(CERTIFICATE AS TO CORPORATE PRINCIPAL)

I, _____, certify that I am the
_____ Secretary of the corporation named as Principal in the foregoing bond;
that _____, who signed the said bond on behalf of the Principal, was
then _____ of said corporation; that I know his signature, and
that his signature thereto is genuine; and that said bond was duly signed, sealed, and attested to for and in
behalf of said corporation by authority of its governing body.

_____ Affix Corporate Seal

CITY OF UKIAH
Mendocino County, California

MATERIAL AND LABOR BOND

KNOW ALL MEN BY THESE PRESENTS,

That we the undersigned, _____

_____, **AS PRINCIPAL,**
and

_____, **AS SURETY,**

are held firmly bound unto **THE CITY OF UKIAH**, hereinafter called the "City" in the penal sum of dollars (\$_____) for the payment of which sum we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally.

WHEREAS, the Principal has entered into a certain Contract with the City, dated _____, 20____, a copy of which is hereto attached and made a part hereof,

NOW, THEREFORE, the condition of this obligation is such that if the Principal shall in all respects fully perform the Contract and all duly authorized modifications thereof, during its original term and any extensions thereof that may be granted and during any guaranty period for which the Contract provides, and if the Principal shall fully satisfy all claims, arising out of the prosecution of the work under the Contract and shall fully indemnify the City for all expenses which it may incur by reason of such claims, including its attorney's fees and court costs, and if the Principal shall make full payment to all persons supplying labor, services, materials, or equipment in the prosecution of the work under the Contract, in default of which such persons shall have a direct right of action hereupon; and if the Principal shall pay or cause to be paid all sales and use taxes payable as a result of the performance of the Contract as well as payment of gasoline and special motor fuels taxes in the performance of the Contract and all motor vehicle fees required for commercial motor vehicles used in connection with the performance of the Contract, then this obligation shall be void; otherwise, it shall remain in full force and effect. No modification of the Contract or extension of the term thereof, nor any forbearance on the part of the City shall in any way release the Principal or the Surety from liability hereunder. Notice to the Surety of any such modification, extension, or forbearance is hereby waived.

IN WITNESS WHEREOF, the aforesaid Principal and Surety have executed this instrument and affixed their seals hereto, this _____ day of _____, 20_____.

In the presence of:

WITNESS:

_____(SEAL)
(Individual Principal)

(Business Address)

(City/State/Zip Code)

WITNESS:

_____(SEAL)
(Corporate Principal)

(Business Address)

(City/State/Zip Code)

ATTEST:

(Corporate Principal)

Affix
Corporate
Seal

(Business Address)

(City/State/Zip Code)

ATTEST:

(Corporate Surety)

Affix
Corporate
Seal

(Business Address)

(City/State/Zip Code)

The rate of premium on this bond is \$_____ per thousand.

The total amount of premium charges is \$_____.

(The above is to be filled in by Surety Company). (Power of Attorney of person signing for Surety Company must be attached).

(CERTIFICATE AS TO CORPORATE PRINCIPAL)

I, _____, certify that I am the

Secretary of the corporation named as Principal in the foregoing bond;
that _____, who signed the said bond on behalf of the Principal, was
then _____ of said corporation; that I know his signature, and
that his signature thereto is genuine; and that said bond was duly signed, sealed, and attested to for and in
behalf of said corporation by authority of its governing body.

Affix Corporate Seal

DIRECTIONS FOR PREPARATION OF PERFORMANCE AND MATERIAL AND LABOR BOND

1. Individual sureties, partnerships, or corporations not in the surety business will not be acceptable.
2. The name of the Principal shall be shown exactly as it appears in the Contract.
3. The penal sum shall not be less than required by the Specifications.
4. If the Principals are partners or joint venturers, each member shall execute the bond as an individual and state his place of residence.
5. If the Principal is a corporation, the bond shall be executed under its corporate seal. If the corporation has no corporate seal, it shall so state and affix a scroll or adhesive seal following the corporate name.
6. The official character and authority of the person(s) executing the bond for the Principal, if a corporation, shall be certified by the Secretary or Assistant Secretary thereof under the corporate seal, or copies attached to such records of the corporation as will evidence the official character and authority of the officer signing, duly certified by the Secretary or Assistant Secretary, under the corporate seal, to be true copies.
7. The current power-of-attorney of the person signing for the surety company must be attached to the bond.
8. The date of the bond must not be prior to the date of the Contract.
9. The following information must be placed on the bond by the surety company:
 - a. The rate of premium in dollars per thousand; and
 - b. The total dollar amount of premium charged.
10. The signature of a witness shall appear in the appropriate place attending to the signature of each party of the bond.
11. Type or print the name underneath each signature appearing on the bond.
12. An executed copy of the bond must be attached to each copy of the Contract (original counterpart) intended for signing.

CITY OF UKIAH
Mendocino County, California

DEFECTIVE MATERIAL AND WORKMANSHIP (MAINTENANCE) BOND

KNOW ALL MEN BY THESE PRESENTS,

That we, _____,
_____, as **PRINCIPAL**

and _____,
_____, as **SURETY,**

are held and firmly bound unto the **City of Ukiah** as Obligee, in the penal sum of

_____, (\$ _____),
(5 PERCENT OF THE FINAL CONTRACT AMOUNT)

to which payment well and truly to be made, we do bind ourselves, our and each of our heirs, executors, administrators, successors and assigns jointly and severally, firmly by these presents.

WHEREAS, the said Principal entered into a Contract with the City Of Ukiah

dated _____

for _____

WHEREAS, said Contract has been completed, and was approved on the _____ day of _____,
_____.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the Principal shall guarantee that the work will be free of any defective materials or workmanship which become apparent during the period of one (1) year following completion of the Contract, then this obligation shall be void, otherwise to remain in full force and effect, provided however, any additional warranty or guarantee whether expressed or implied is extended by the Principal or Manufacturer only, and the surety assumes no liability for such a guarantee.

Signed, sealed, and dated this _____ day of _____, 20_____.

_____(Seal)

BY: _____(Seal)

_____(Seal)

Principal

_____(Seal)

BY: _____(Seal)

_____(Seal)

Surety



AGENDA SUMMARY REPORT

SUBJECT: Approval of Plans and Specifications for the Dora Street Overlay Project, Specification No. 21-05, and Direct Staff to Advertise for Bids.

DEPARTMENT: Public Works

PREPARED BY: Andrew Stricklin, Associate Engineer

PRESENTER: Tim Eriksen, Director of Public Works/ City Engineer

ATTACHMENTS:

1. Spec 21-05 Dora Overlay Project

Summary: Council will consider approval of the plans and specifications for the Dora Street Overlay Project, Specification No. 21-05, and direct Staff to advertise for bids. This project will rehabilitate the roadway with an edge grind and 2" asphalt overlay on Dora Street from upper Luce Avenue north to West Mill Street. Work will also include pedestrian and ADA access improvements.

Background: The City Council was presented with a selection of streets to be rehabilitated at the December 15, 2021, meeting regarding the lease revenue bonding to renovate the City Corporation Yard and improve various city streets. With the Council approval to pursue bonding at the February 2, 2022, meeting and subsequent award of said bonds, Public Works has completed both plans and specifications for the Dora Street Overlay Project.

Discussion: City Staff has completed plans and specifications (Attachment 1) for the rehabilitation of the roadway on Dora Street from upper Luce Avenue north to West Mill Street as well as pedestrian and ADA access improvements. This project will also include the restoration of Class 2 bike lanes and installation of new storm drain at Yokayo Elementary School along with traffic calming curb extensions. The construction estimate for this project is \$739,000.

Recommended Action: Approve the Plans and Specifications for the Dora Street Overlay Project, Specification No. 21-05, and direct Staff to advertise for bids.

BUDGET AMENDMENT REQUIRED: Yes

CURRENT BUDGET AMOUNT: \$0

PROPOSED BUDGET AMOUNT: To be determined after bid opening

FINANCING SOURCE: Series 2022 Lease Revenue Bonds

PREVIOUS CONTRACT/PURCHASE ORDER NO.:

COORDINATED WITH: Tim Eriksen, Director of Public Works/ City Engineer

Approved: 
Sage Sangiacomo, City Manager

DORA STREET OVERLAY PROJECT

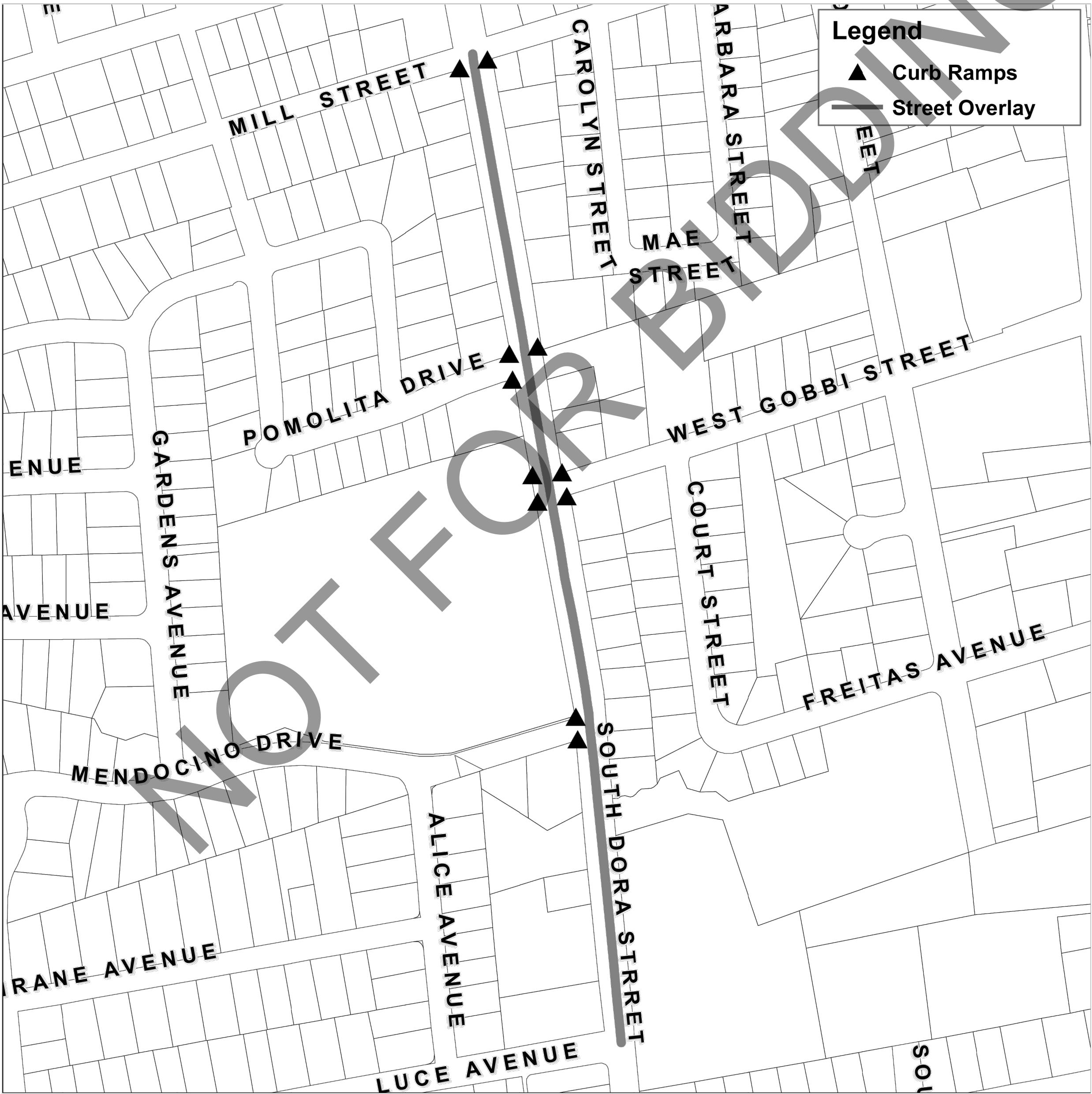
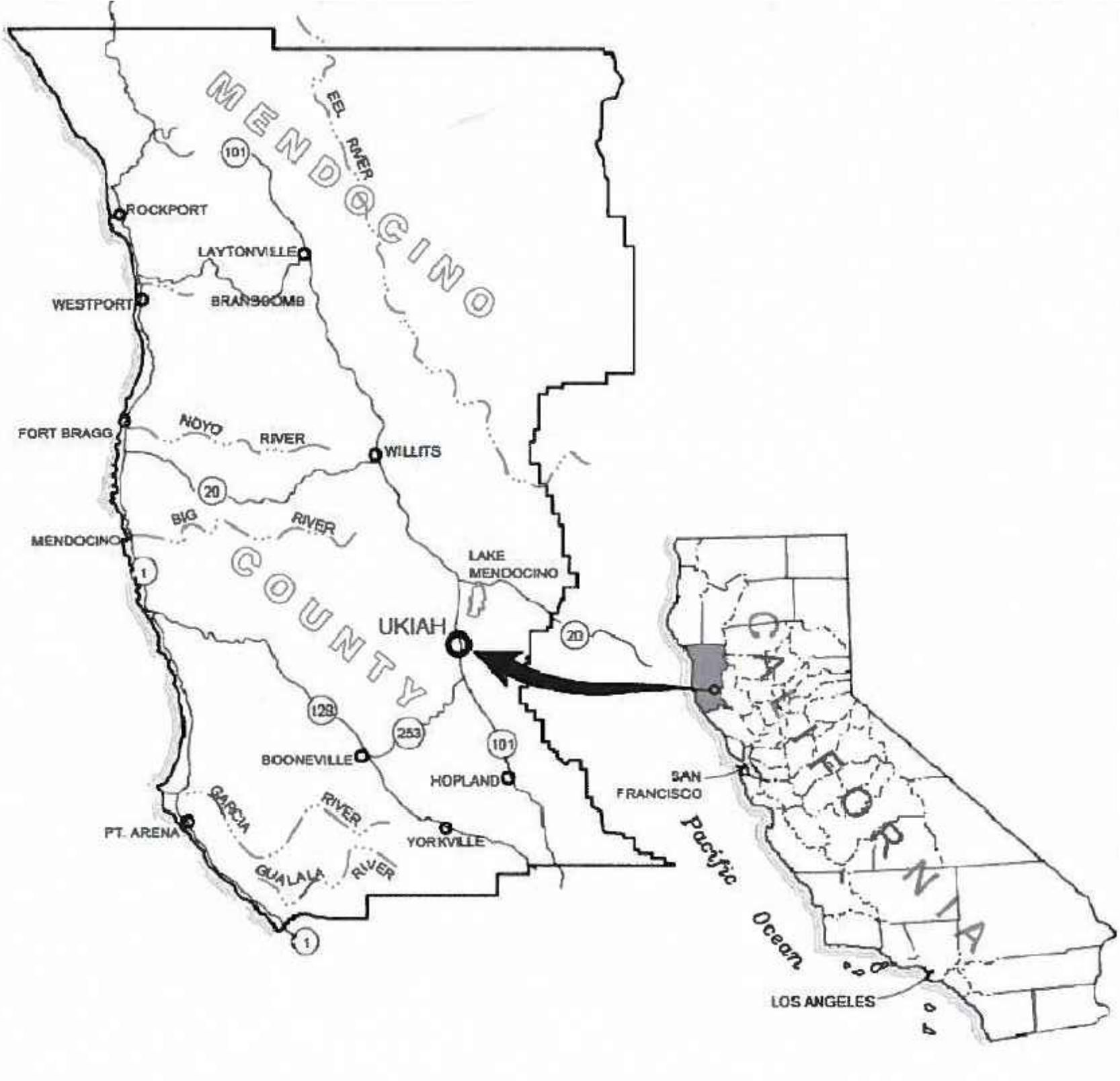
SPECIFICATION NO. 21-05

DORA STREET BETWEEN LUCE AVENUE AND WEST MILL STREET
UKIAH, CALIFORNIA
NOVEMBER 2021

AREA MAP

LOCATION MAP

APPROVALS



APPROVED BY: TIMOTHY E. ERIKSEN, P.E.
DIRECTOR OF PUBLIC WORKS / CITY ENGINEER

DATE: _____

DESIGNED BY: ANDREW R. STRICKLIN
ASSOCIATE ENGINEER / PROJECT MANAGER

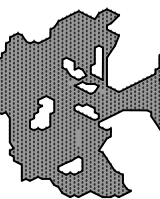
DATE: _____

DORA STREET OVERLAY PROJECT

Project

CITY OF UKIAH

300 Seminary Avenue
Ukiah, CA 95482



18 PUBLIC WORKS PROJECTS PUBLIC WORKS 2021 SPEC 21-05 DORA OVERLAY PROJECT SPEC 21-05 DORA OVERLAY PROJECT DWG

ORIGINAL SIZE:
AS SHOWN

DATE: NOVEMBER 2021

DRAWING NUMBER:

G-001

COVER PAGE

PLAN

DORA STREET OVERLAY PROJECT

SPECIFICATION NO. 21-05

DORA STREET BETWEEN LUCE AVENUE AND WEST MILL STREET

UKIAH, CALIFORNIA

NOVEMBER 2021

GENERAL CONSTRUCTION NOTES:

- ALL CONSTRUCTION SHALL CONFORM TO THE 2018 CALTRANS STANDARD PLANS AND SPECIFICATIONS, CITY OF UKIAH SPECIFICATIONS, CITY OF UKIAH STANDARD DRAWINGS, AWWA STANDARDS AND THE PROJECT CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR UNDERSTANDING ALL STANDARDS PERTAINING TO THIS PROJECT.
- THE CONTRACTOR SHALL PROVIDE, PROCURE AND PAY FOR ALL PERMITS REQUIRED TO EXECUTE AND COMPLETE THE WORK. THESE INCLUDE, BUT ARE NOT LIMITED TO A CITY OF UKIAH ENCROACHMENT PERMITS, CURRENT CITY OF UKIAH BUSINESS LICENSE, AND A VALID AND PROPER CONTRACTOR'S LICENSE. ENCROACHMENT PERMITS MUST BE LOCATED ON THE JOB SITE DURING WHICH TIME CONTRACTOR IS WORKING THERE.
- LOCATION OF UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE ONLY AND BASED ON THE BEST AVAILABLE INFORMATION. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (U.S.A) A MINIMUM OF TWO WORKING DAYS PRIOR TO LOCATE ALL UTILITIES IN ADVANCE OF ANY EXCAVATION. DIAL (TOLL FREE) 811 OR 1-800-227-2600.
- CONTRACTOR SHALL POTHOLE AND PHYSICALLY LOCATE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL UNDERGROUND UTILITIES A MINIMUM OF FIVE (5) WORKING DAYS IN ADVANCE OF ANY EXCAVATION TO DETERMINE THE LOCATION OF ANY POTENTIAL CONFLICTS. PROVIDE UTILITY TYPE, MATERIAL, HORIZONTAL LOCATION AND DEPTH BELOW EXISTING GROUND TO THE ENGINEER FOR REVIEW WITHIN ONE (1) WORKING DAY. IF UNMARKED UTILITIES ARE ENCOUNTERED, OR IF UNABLE TO LOCATE A MARKED UTILITY AFTER POTHOLING, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER OF THAT UTILITY AND THE ENGINEER.
- CONTRACTOR SHALL NOTIFY ALL PUBLIC OR PRIVATE UTILITY COMPANIES 48 HOURS PRIOR TO COMMENCEMENT OF WORK ADJACENT TO EXISTING UTILITY LINES UNLESS ENCROACHMENT PERMIT SPECIFIES OTHERWISE.
- THE CONTRACTOR SHALL PROTECT AND PRESERVE CITY MONUMENTS EXCEPT WHERE OTHERWISE SHOWN FOR REMOVAL. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER 10 WORKING DAYS IN ADVANCE FOR REFERENCING OF EXISTING MONUMENTS TO BE DISTURBED. THE CONTRACTOR SHALL RECONSTRUCT DISTURBED MONUMENTS NOT SHOWN FOR REMOVAL IN ACCORDANCE WITH CITY STANDARD DRAWING NO. 140.
- CONSTRUCTION MATERIALS AND EQUIPMENT SHALL BE NEW AND OF A QUALITY EQUAL TO THAT SPECIFIED OR APPROVED. WORK SHALL BE DONE AND COMPLETED IN A THOROUGH AND WORKMANLIKE MANNER.
- WHENEVER ANY MATERIAL OR EQUIPMENT IS INDICATED OR SPECIFIED BY PATENT OR PROPRIETARY NAME OR BY THE NAME OF THE MANUFACTURER, SUCH SPECIFICATION SHALL BE CONSIDERED AS USED FOR DESCRIBING THE MATERIAL OR EQUIPMENT DESIRED AND SHALL BE CONSIDERED AS FOLLOWED BY THE WORDS "OR APPROVED EQUIVALENT". THE CONTRACTOR MAY OFFER A MATERIAL OR EQUIPMENT WHICH SHALL BE EQUIVALENT IN EVERY RESPECT TO THAT SPECIFIED; PROVIDED THAT WRITTEN APPROVAL FIRST IS OBTAINED FROM THE DIRECTOR OF PUBLIC WORKS.
- MATERIALS SHALL BE SO STORED TO ENSURE THE PRESERVATION OF THEIR QUALITY AND FITNESS FOR THE WORK. THEY SHALL BE SO LOCATED AND DISPOSED THAT PROMPT AND PROPER INSPECTION THEREOF MAY BE MADE.
- THE CITY SHALL HAVE THE RIGHT TO TAKE POSSESSION OF AND USE ANY COMPLETED OR PARTIALLY COMPLETED PORTIONS OF THE WORK. NOT WITHSTANDING THE TIME FOR COMPLETING THE ENTIRE WORK OF SUCH PORTIONS WHICH MAY NOT HAVE EXPIRED; BUT SUCH TAKING POSSESSION AND USE SHALL NOT BE DEEMED AN ACCEPTANCE OF ANY WORK NOT COMPLETED IN ACCORDANCE WITH THE PROJECT CONSTRUCTION DOCUMENTS. IF SUCH PRIOR USE INCREASES THE COST OF OR DELAYS THE WORK, THE CONTRACTOR SHALL BE ENTITLED TO SUCH EXTRA COMPENSATION, OR EXTENSION OF TIME OR BOTH, AS THE DIRECTOR OF PUBLIC WORKS MAY DETERMINE.
- CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE CITY AND ITS REPRESENTATIVES HARMLESS FROM ANY AND ALL LIABILITY, REAL AND/OR ALLEGED, IN CONJUNCTION WITH THE PERFORMANCE OF THIS PROJECT.
- ALL EXCAVATED MATERIAL SHALL BE DISPOSED OF AS GENERATED AND AT NO TIME SHALL THE CONTRACTOR PLACE EXCAVATED MATERIAL AT THE WORK SITE.
- CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY AND ALL DAMAGES TO EXISTING FEATURES, STRUCTURES AND UTILITIES DURING CONSTRUCTION. ALL DAMAGES SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S EXPENSE AND TO THE SATISFACTION OF THE DIRECTOR OF PUBLIC WORKS.
- ALL SEWER MANHOLES, MAINLINE CLEANOUTS AND WATER VALVES THAT ARE ON ACTIVE SYSTEMS SHALL BE ACCESSIBLE TO CITY PERSONNEL AT ALL TIMES AND SHALL BE BROUGHT TO FINISH GRADE WITHIN 48 HOURS OF PAVING OR AT ENGINEER'S APPROVAL. ANY DAMAGES TO THE CITY OR OTHER UTILITIES CAUSED BY CONTRACTOR OPERATIONS SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- CONTRACTOR SHALL VERIFY LOCATIONS, LEVELS, DISTANCES, AND FEATURES THAT MAY AFFECT THE WORK. SHOULD EXISTING CONDITIONS DIFFER FROM THOSE SHOWN OR INDICATED, OR IF IT APPEARS THAT THESE PLANS, STANDARD SPECIFICATIONS, AND SPECIAL PROVISIONS DO NOT ADEQUATELY DETAIL THE WORK TO BE DONE, CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONTINUING WITH ANY RELATED WORK. NO ALLOWANCE WILL BE MADE IN HIS BEHALF FOR ANY EXTRA EXPENSE RESULTING FROM FAILURE OR NEGLECT IN DETERMINING THE CONDITIONS UNDER WHICH WORK IS TO BE PERFORMED. NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALE.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN SUFFICIENT BARRICADES TO PROVIDE FOR THE SAFETY OF THE GENERAL PUBLIC TO THE SATISFACTION OF THE DIRECTOR OF PUBLIC WORKS.
- THE CONTRACTOR SHALL MAINTAIN ADA COMPLIANT ACCESS TO ALL BUSINESSES IN THE PROJECT AREA FOR THE DURATION OF THE PROJECT. CONTRACTOR SHALL PROVIDE MINIMUM TWO (2) WEEKS NOTICE

- PRIOR TO CONSTRUCTION ACTIVITIES ADJACENT TO ANY BUSINESSES, NOTICES SHALL BE PROVIDED TO BUSINESS OWNERS AND PROPERTY OWNERS AND COORDINATED WITH THE CITY. PROVIDE A DRAFT NOTICE TO THE CITY FOR REVIEW A MINIMUM OF THREE (3) WEEKS PRIOR TO CONSTRUCTION ACTIVITIES.
- CONTRACTOR SHALL NOTIFY THE DIRECTOR OF PUBLIC WORKS AT LEAST 72 HOURS IN ADVANCE OF COMMENCEMENT OF ANY PART OF THE WORK.
 - CONTRACTOR SHALL MAINTAIN REASONABLE ACCESS TO ALL DRIVEWAYS DURING CONSTRUCTION PER SECTION 7-1.03 AND 7-1.04 OF THE STANDARD SPECIFICATIONS.
 - CAUTION SHALL BE EXERCISED WHEN EXCAVATING WITHIN THE DRIPLINE OF ANY TREE SHOWN ON THE PLANS TO BE PROTECTED. ROOTS LARGER THAN 2 INCHES SHALL NOT BE CUT WITHOUT PERMISSION FROM THE ENGINEER.
 - ALL LANDSCAPING AND IRRIGATION SYSTEMS OR OTHER PRIVATE OR PUBLIC IMPROVEMENTS DISTURBED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED IN KIND AS DIRECTED BY THE ENGINEER.
 - CONTRACTOR SHALL PROVIDE RECORD DRAWINGS AT THE COMPLETION OF CONSTRUCTION PER CITY REQUIREMENTS. RECORD DRAWINGS SHALL ACCURATELY REFLECT ALL APPROVED CHANGES MADE DURING CONSTRUCTION AND THE LOCATIONS AND DEPTHS OF ALL EXISTING ACTIVITIES ENCOUNTERED.
 - COMPACT FILL AREAS AND TOP 12" OF CUT AREAS TO 95% OF MAXIMUM DENSITY AS MEASURED BY ASTM D1557. CONTRACTOR SHALL IMPORT OR EXPORT ACCEPTABLE MATERIALS AS NECESSARY
 - ALL GRADES SHOWN ARE FINISH GRADES. ALLOW FOR VARYING THICKNESS OF BASE, PAVING, AND CONCRETE IN PREPARING SUBGRADE.
 - THE CONTRACTOR SHALL HAVE A CLASS "A" LICENSE.

EROSION CONTROL NOTES:

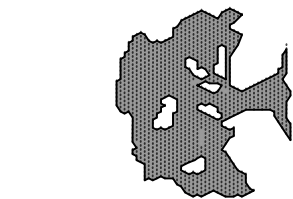
- ALL EROSION CONTROL MEASURES SHALL CONFORM TO THE PROJECT WPCP, WATER POLLUTION CONTROL PROGRAM PREPARATION MANUAL (JUNE 2011), THE CONSTRUCTION SITE BEST MANAGEMENT PRACTICES MANUAL AND THE CONSTRUCTION SITE MONITORING PROGRAM GUIDANCE MANUAL.
- THE CONTRACTOR SHALL EXERCISE CARE DURING DEMOLITION AND EXCAVATION OPERATIONS TO MINIMIZE EROSION AND SEDIMENT TRANSPORT OFF SITE.
- THE CONTRACTION SHALL CONDUCT ALL OPERATIONS SO AS TO PREVENT ANY UNNECESSARY DISTURBANCE OF SOIL OR EXISTING VEGETATION.
- THE CITY IS RESPONSIBLE FOR COMPLYING WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT NO. CAS000002 WASTE DISCHARGE REQUIREMENTS FOR DISCHARGES OF STORM WATER RUNOFF ASSOCIATED WITH CONSTRUCTION. CONSTRUCTION ACTIVITIES INCLUDE BUT ARE NOT LIMITED TO CLEARING, GRADING, EXCAVATION, STOCKPILING, AND RECONSTRUCTION OF EXISTING FACILITIES INVOLVING REMOVAL AND REPLACEMENT.

TRAFFIC NOTES:

- CONTRACTOR SHALL SUBMIT CONSTRUCTION TRAFFIC CONTROL PLAN TO THE CITY OF UKIAH FOR REVIEW AND APPROVAL AT THE PRE-CONSTRUCTION MEETING AND A MINIMUM OF (2) WEEKS BEFORE BEGINNING ANY RELATED CONSTRUCTION ACTIVITY. THE TRAFFIC CONTROL PLAN SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND PREPARED BY A LICENSED CIVIL OR TRAFFIC ENGINEER.
- TRAFFIC SIGNAL(S) SHALL REMAIN FUNCTIONAL DURING CONSTRUCTION.
- ALL SIGNAL LOOP WIRING SHALL BE REPAIRED OR REPLACED IF SAWCUT OR DAMAGED.
- CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE PERMITS AND REGULATIONS, AS APPLICABLE

CURB RAMP NOTES:

- THE TRANSITION FROM RAMPS TO GUTTERS OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT CHANGES.
- SLOPE OF SIDE FLARE SHALL BE (9%) MAXIMUM.
- RAMP AND SIDE FLARE AREA SHALL BE CONSTRUCTED WITH A HEAVY BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
- DETECTABLE WARNING SURFACE SHALL CONSIST OF TRUNCATED DOMES ALIGNED IN A SQUARE GRID PATTERN PER CALTRANS STD. A88A.
- WEAKENED PLANE JOINTS: $\frac{3}{4}$ " WIDE X 1-1/2" DEEP.
- REFER TO CITY STANDARD DRAWING 102 FOR APPLICABLE SIDEWALK, CURB AND GUTTER DETAILS.
- GUTTER AND ROAD SURFACE ADJACENT TO CURB RAMP SHALL NOT EXCEED 5% SLOPE.
- 4' X 4' LANDING AREA NOT TO EXCEED 2% SLOPE IN ANY DIRECTION.
- ALL RAMPS SHALL BE INSTALLED PER CALTRANS STD. PLAN A88A, CITY OF UKIAH STD. DWG.111, AND AS SHOWN ON PLANS.
- WHERE PUBLIC UTILITY LINES OR EQUIPMENT MUST BE REMOVED OR RELOCATED, OBTAIN THE NECESSARY APPROVALS FROM THE APPROPRIATE DEPARTMENT PRIOR TO STARTING WORK.
- EXPANSION JOINTS SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF UKIAH STD. DWG. 101, OR AS DIRECTED BY THE CITY ENGINEER.
- WHENEVER FEASIBLE, CONCRETE TO BE REMOVED AND REPLACED TO CONFORM 4 FT. FROM RAMP OR EXISTING SCORE LINES. DETERMINATION MADE BY CITY ENGINEER.



CITY OF UKIAH

300 Seminary Avenue
Ukiah, CA 95482

DRAWN: A.R.S.
CHECKED BY: T.E.
JOB NUMBER: SPEC NO.21-05
DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2021\SPEC 21-05_DORA OVERLAY PROJECT\SPEC 21-05 DORA OVERLAY PROJECT.DWG

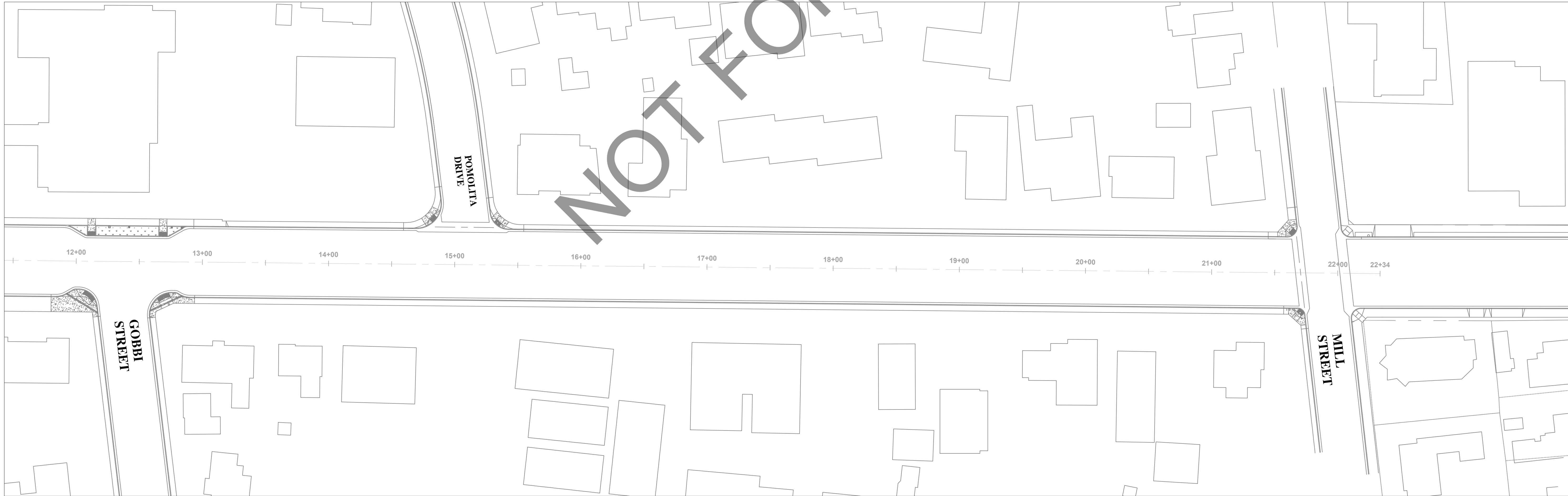
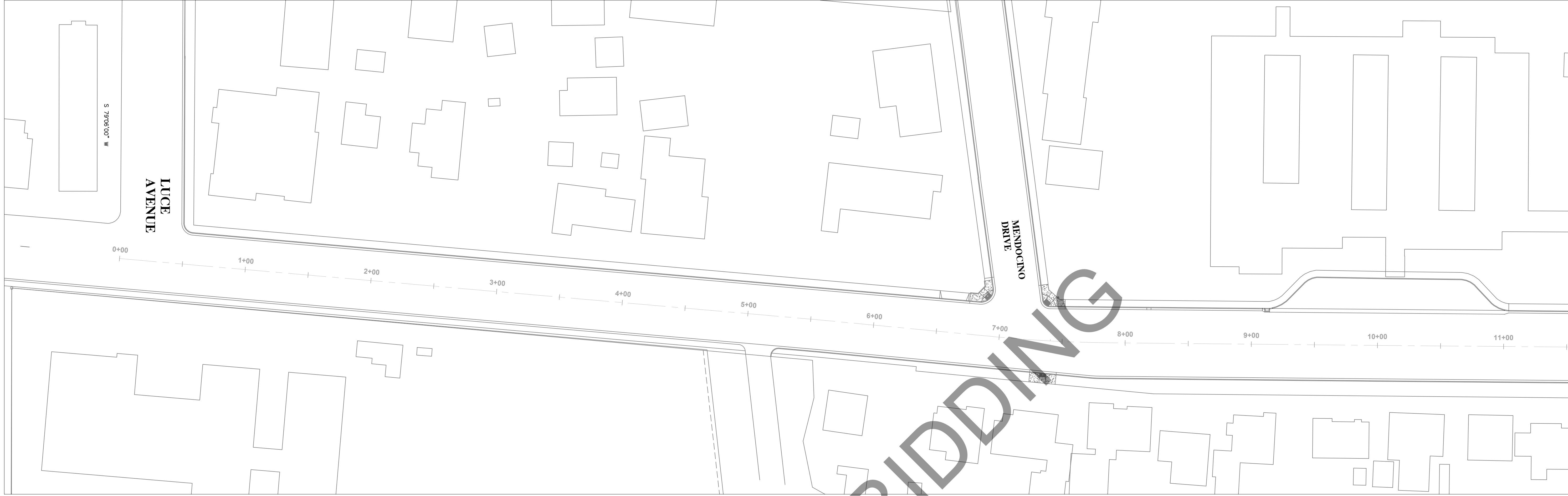
DORA STREET OVERLAY PROJECT

Project

CONSTRUCTION NOTES

PLAN

ORIGINAL SIZE: AS SHOWN
DATE: NOVEMBER 2021
DRAWING NUMBER: G-002



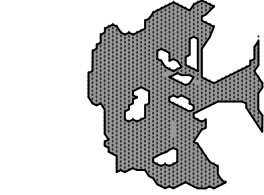
NOT FOR BIDDING

DRAWN:
A.R.S.

CHECKED BY:
T.E.

JOB NUMBER:
SPEC NO.21-05

DRAWING FILE:
S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2021\SPEC 21-05 DORA OVERLAY PROJECT\SPEC 21-05 DORA OVERLAY PROJECT.DWG



CITY OF UKIAH
300 Seminary Avenue
Ukiah, CA 95482

DORA STREET OVERLAY PROJECT

Project

CONTROL POINT DIAGRAM

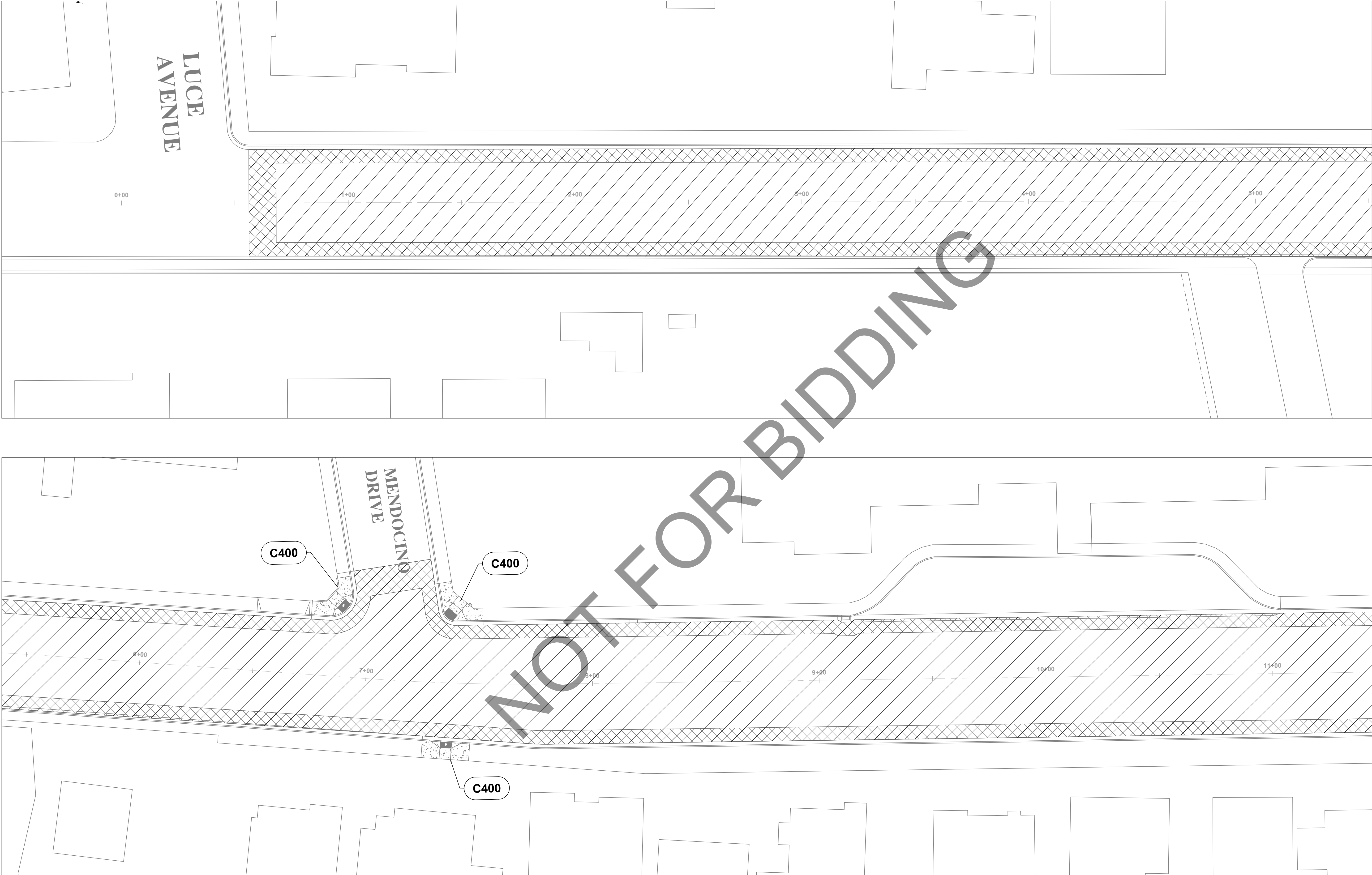
PLAN

ORIGINAL SIZE:
AS SHOWN

DATE: NOVEMBER 2021

DRAWING NUMBER:

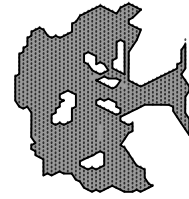
G-003



- C4XX

CONSTRUCTION DETAILS FOR CURB RAMP
- 104
C500

STANDARD DETAIL FOR CONSTRUCTION OF VALLEY GUTTER
- PAVEMENT COVERAGE
2"HMA OVERLAY
- 2" EDGE GRIND LOCATION

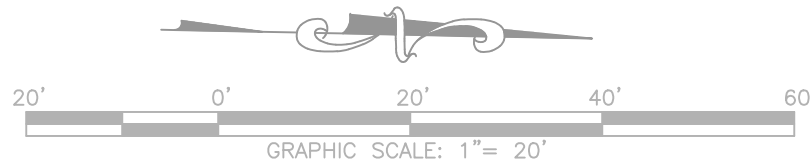
ORIGINAL SIZE: AS SHOWN DATE: NOVEMBER 2021 DRAWING NUMBER: C-100	
DORA STREET OVERLAY PROJECT	
Project	IMPROVEMENT PLAN
CITY OF UKIAH  300 Seminary Avenue Ukiah, CA 95482 DRAWN: A.R.S. CHECKED BY: T.E. JOB NUMBER: SPEC NO.21-05 DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2021\SPEC 21-05_DORA OVERLAY PROJECT\SPEC 21-05_DORA OVERLAY PROJECT.DWG	



- C4XX

CONSTRUCTION DETAILS FOR CURB RAMP
- 104
C500

STANDARD DETAIL FOR CONSTRUCTION OF VALLEY GUTTER
- PAVEMENT COVERAGE
2"HMA OVERLAY
- 2" EDGE GRIND LOCATION

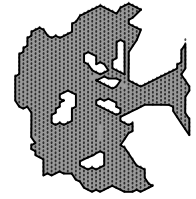


DRAWN:
A.R.S.

CHECKED BY:
T.E.

JOB NUMBER:
SPEC NO.21-05

DRAWING FILE:
S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2021\SPEC 21-05_DORA OVERLAY PROJECT\SPEC 21-05_DORA OVERLAY PROJECT.DWG



CITY OF UKIAH

300 Seminary Avenue
Ukiah, CA 95482

Project

PLAN

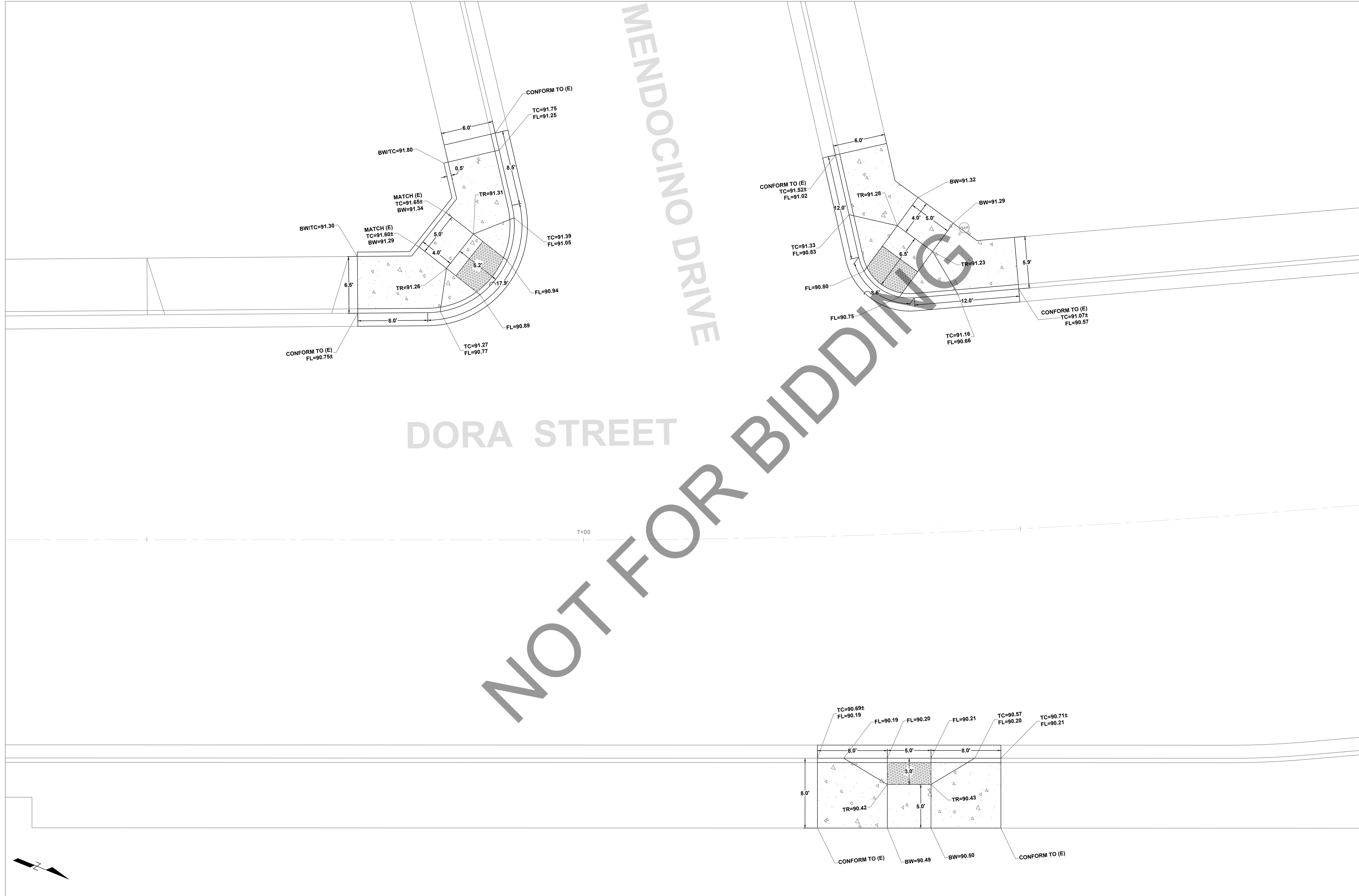
DORA STREET OVERLAY PROJECT

IMPROVEMENT PLAN

ORIGINAL SIZE:
AS SHOWN

DATE:
NOVEMBER 2021

DRAWING NUMBER:
C-101

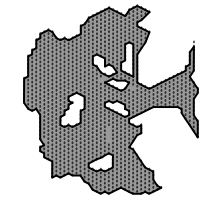


S. DORA STREET AT MENDOCINO DRIVE

SCALE 1"=5'

DRAWN: A.R.S.
CHECKED BY: T.E.
JOB NUMBER: SPEC NO.21-05
DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2021\SPEC 21-05_DORA OVERLAY PROJECT\SPEC 21-05_DORA OVERLAY PROJECT.DWG

CITY OF UKIAH
300 Seminary Avenue
Ukiah, CA 95482



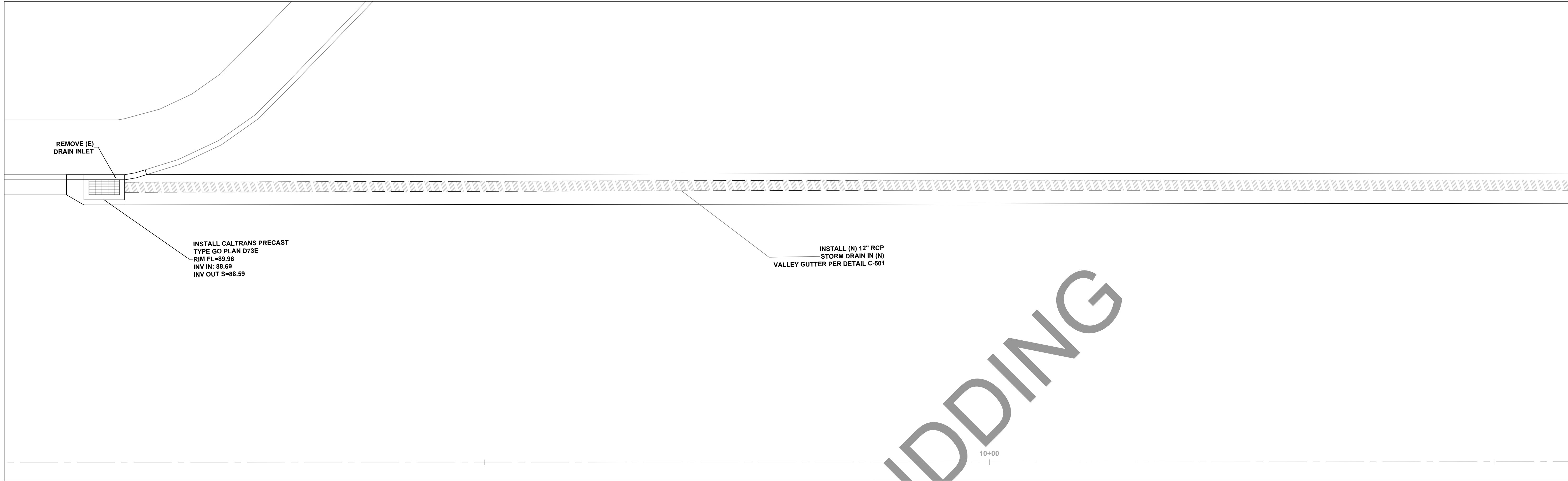
DORA STREET OVERLAY PROJECT

Project

CURB RAMPS DETAILS

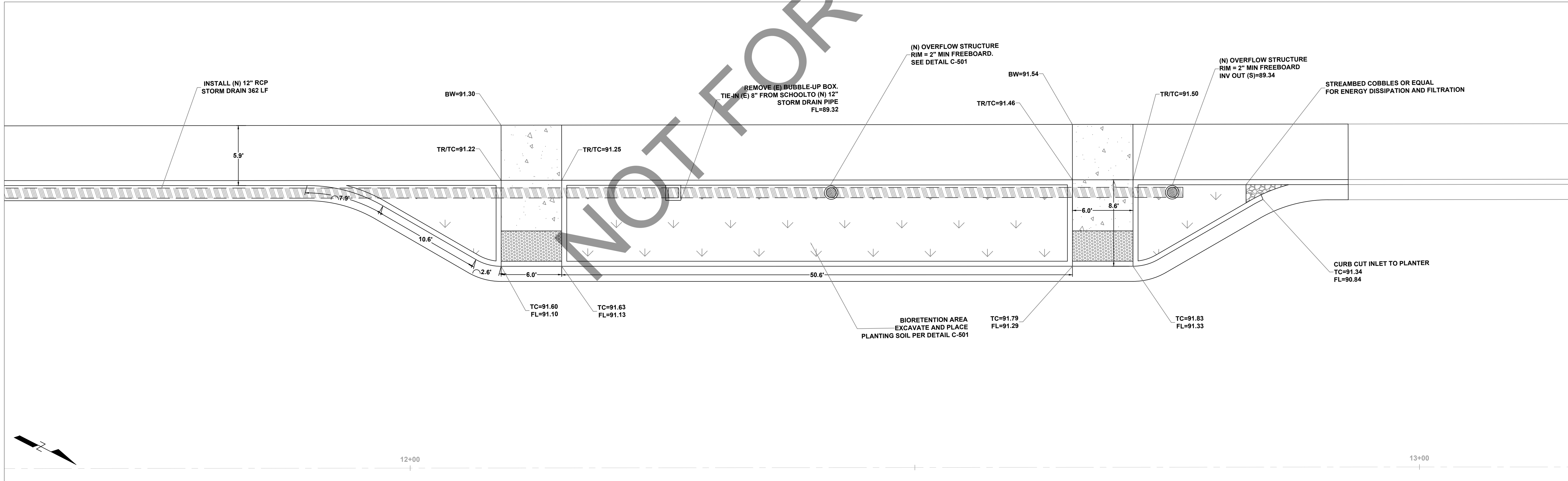
PLAN

ORIGINAL SIZE: AS SHOWN
DATE: NOVEMBER 2021
DRAWING NUMBER: C-400



STORM DRAIN AT YOKAYO SCHOOL

SCALE 1"=5'



790 S. DORA STREET AT YOKAYO SCHOOL

SCALE 1"=5'

ORIGINAL SIZE:
AS SHOWN
DATE: NOVEMBER 2021
DRAWING NUMBER:
C-401

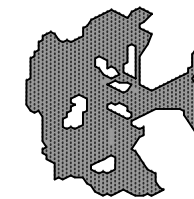
DORA STREET OVERLAY PROJECT

CURB RAMPS DETAILS

Project

PLAN

CITY OF UKIAH



**300 Seminary Avenue
Ukiah, CA 95482**

DRAWN:

A.R.S.

CHECKED BY:

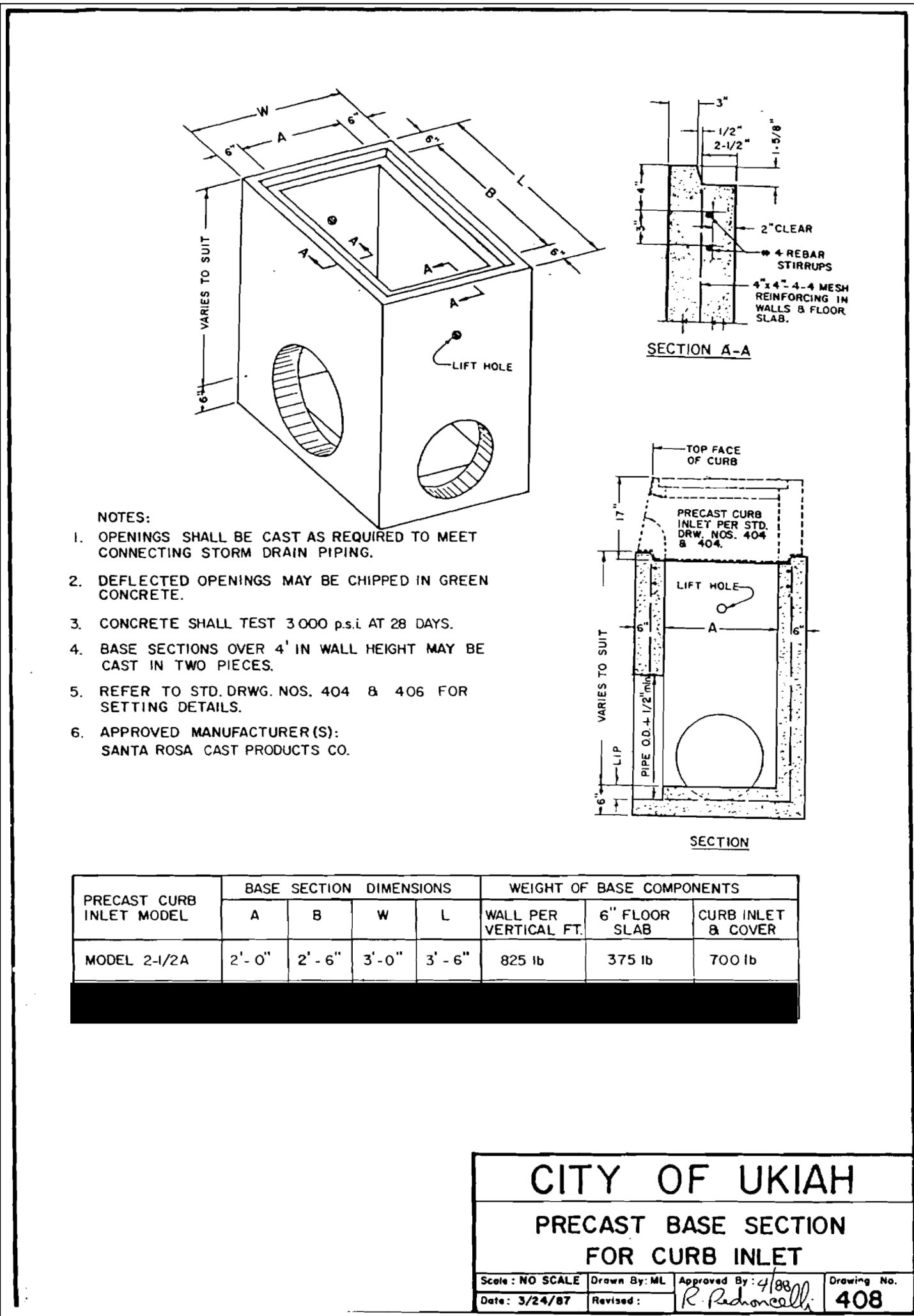
T.E.

JOB NUMBER:

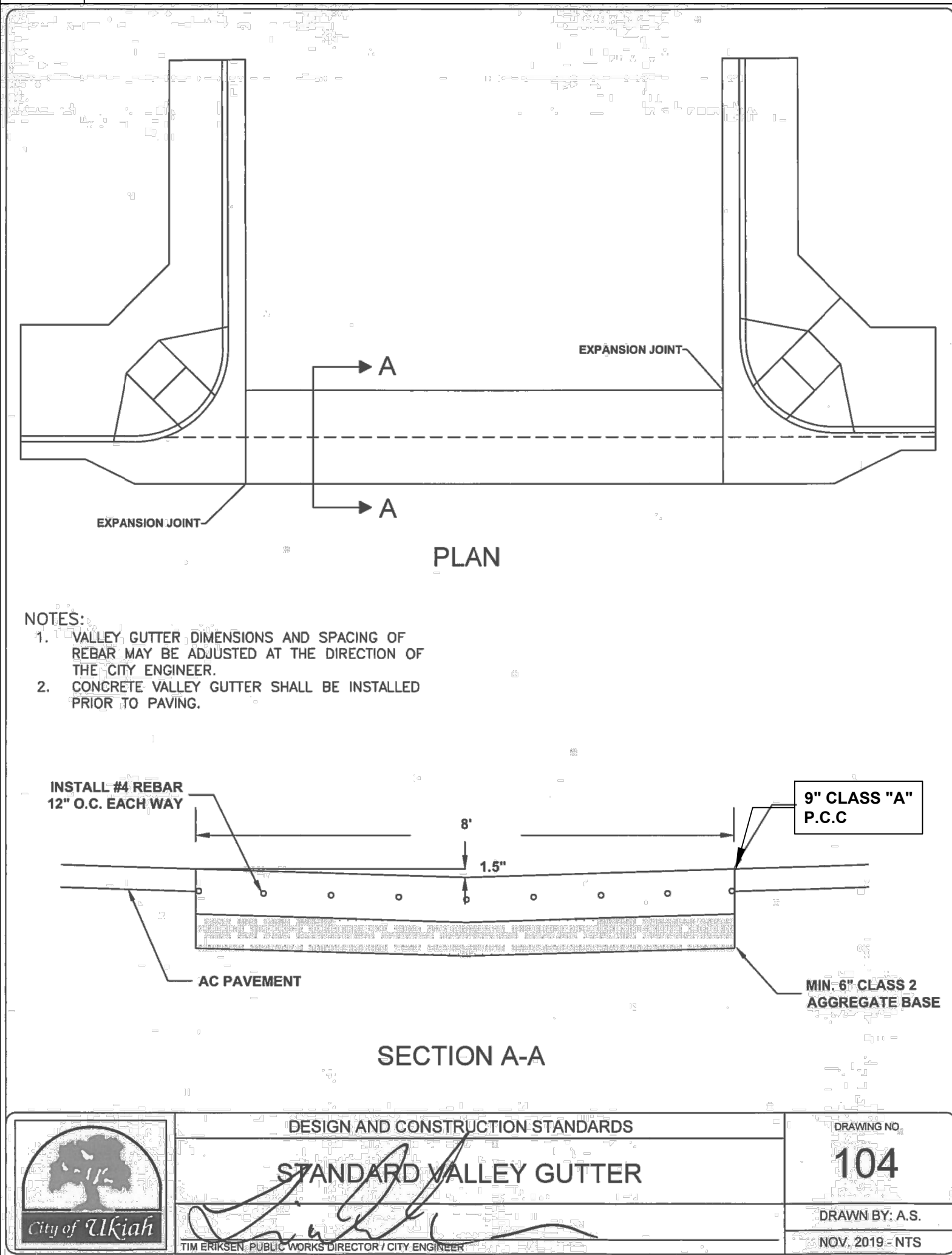
SPEC NO.21-05

DRAWING FILE:

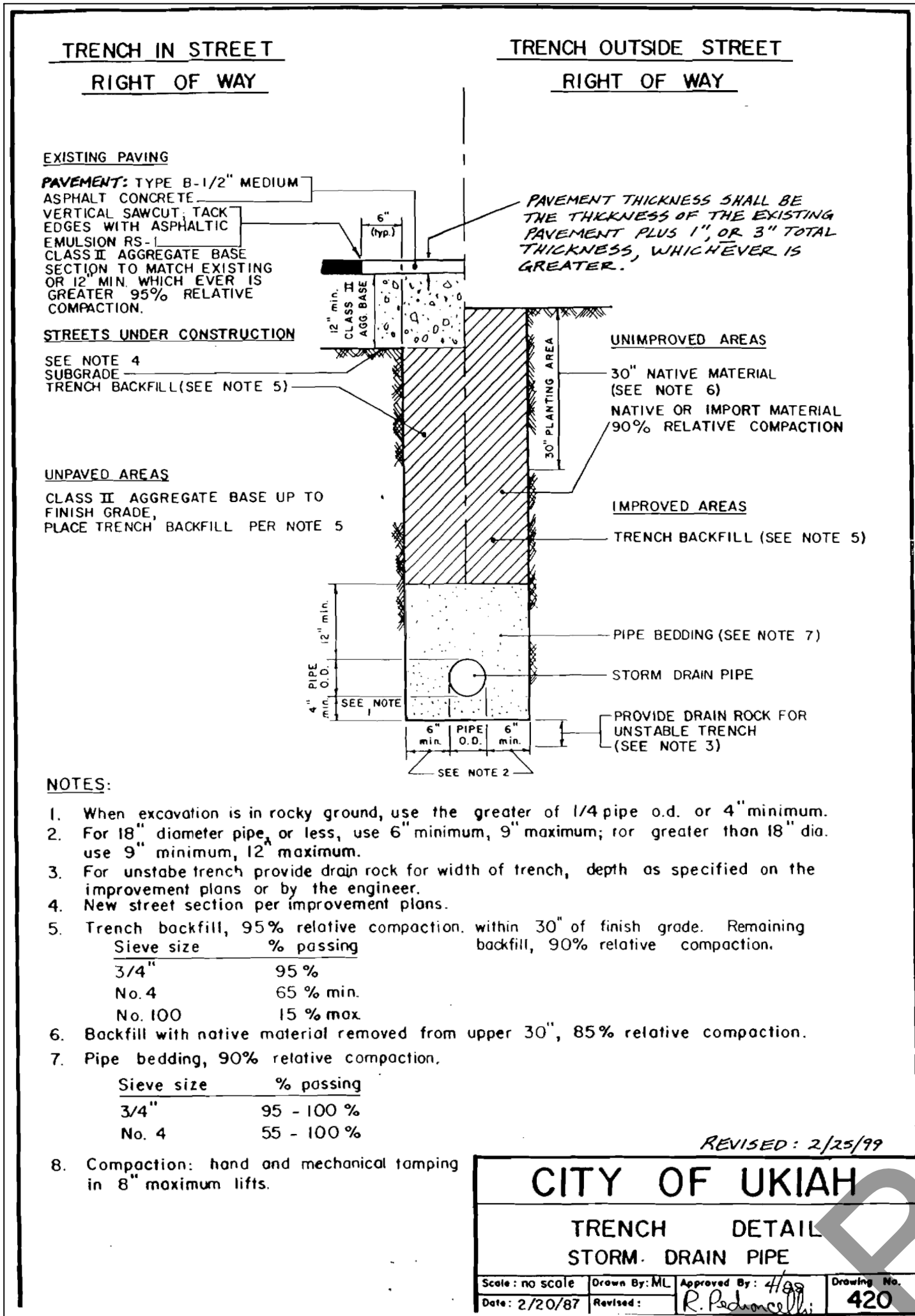
S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2021\SPEC 21-05 DORA OVERLAY PROJECT\SPEC 21-05 DORA OVERLAY PROJECT.DWG



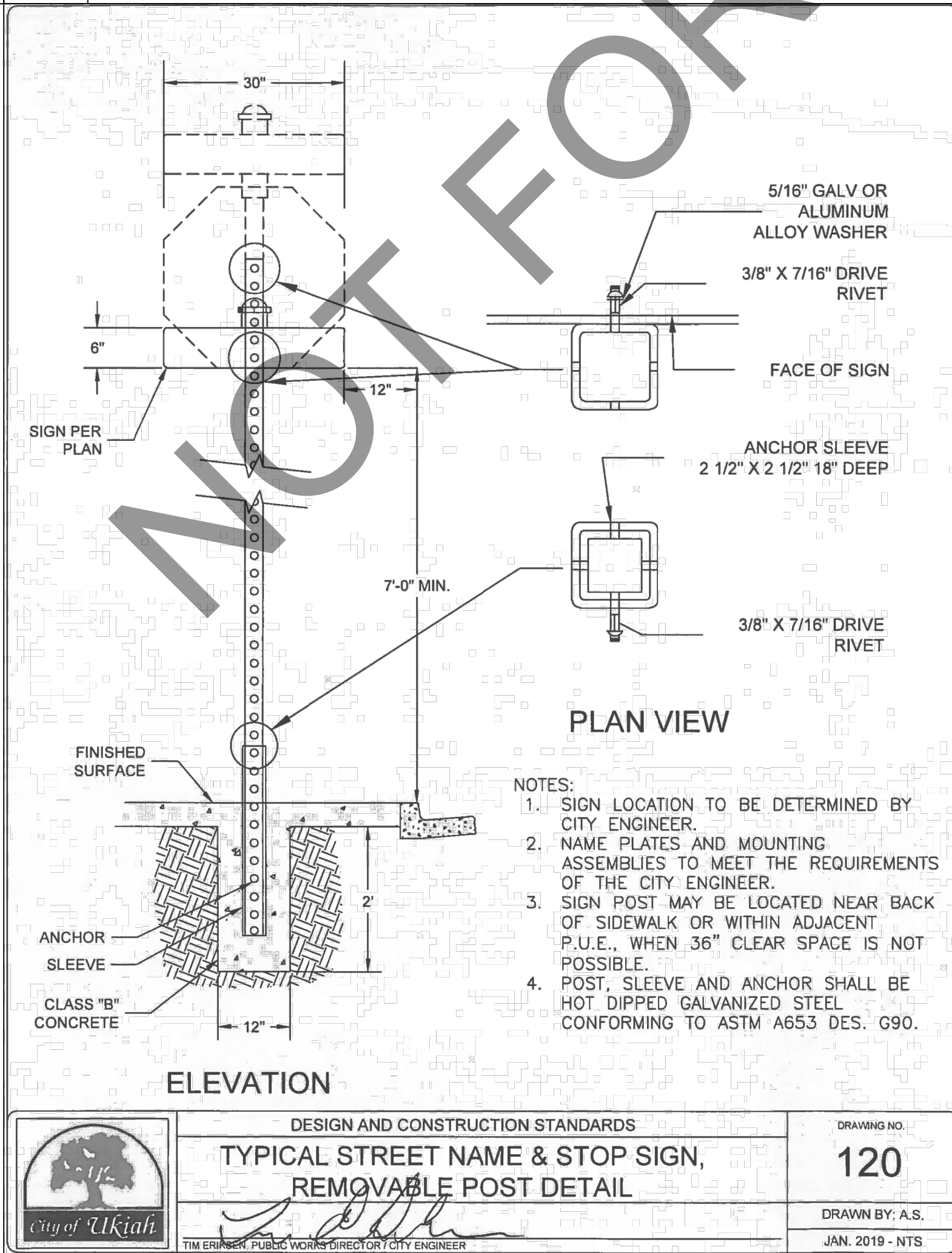
408 PRECAST BASE SECTION FOR CURB INLET



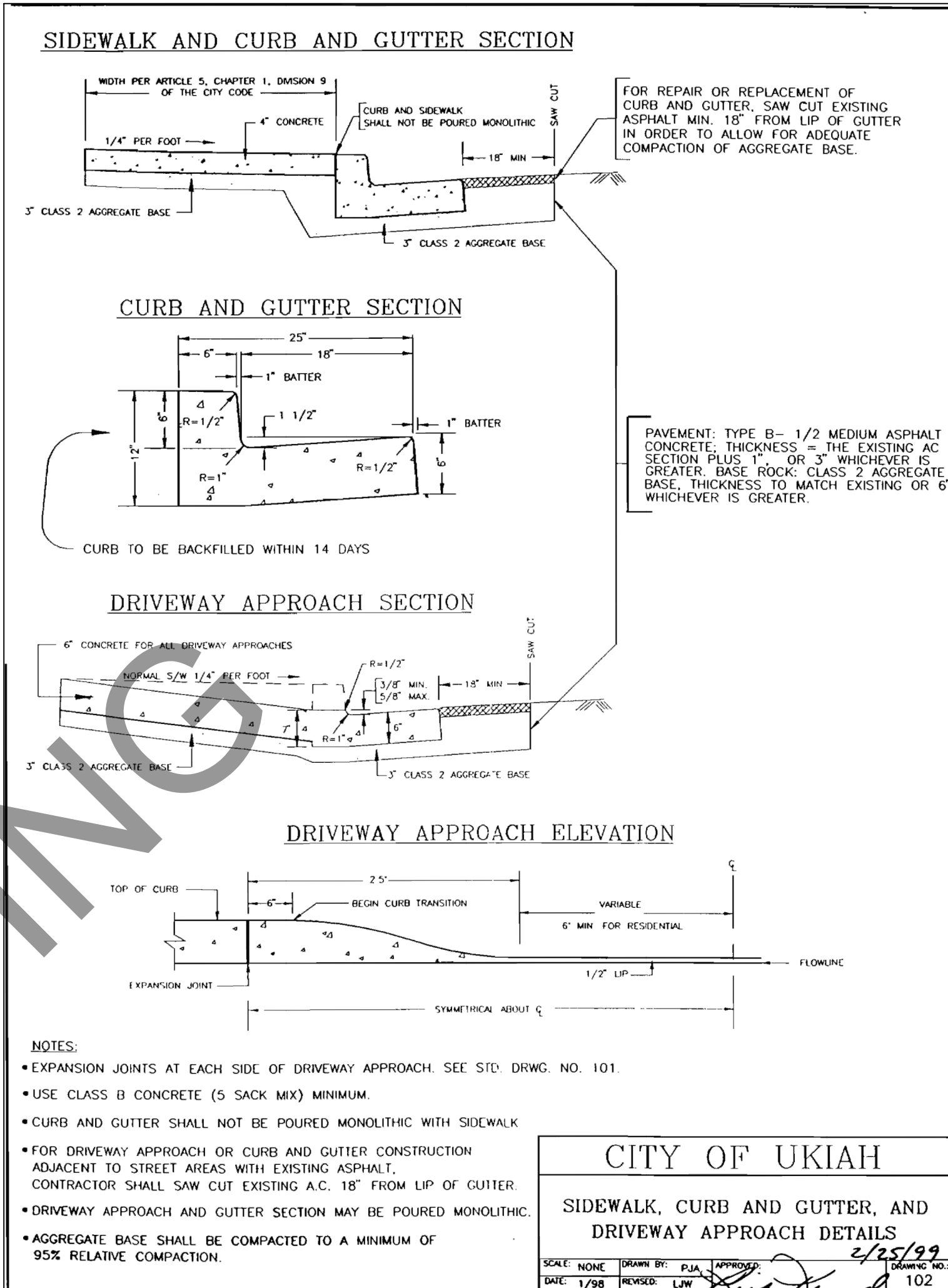
104 STANDARD VALLEY GUTTER



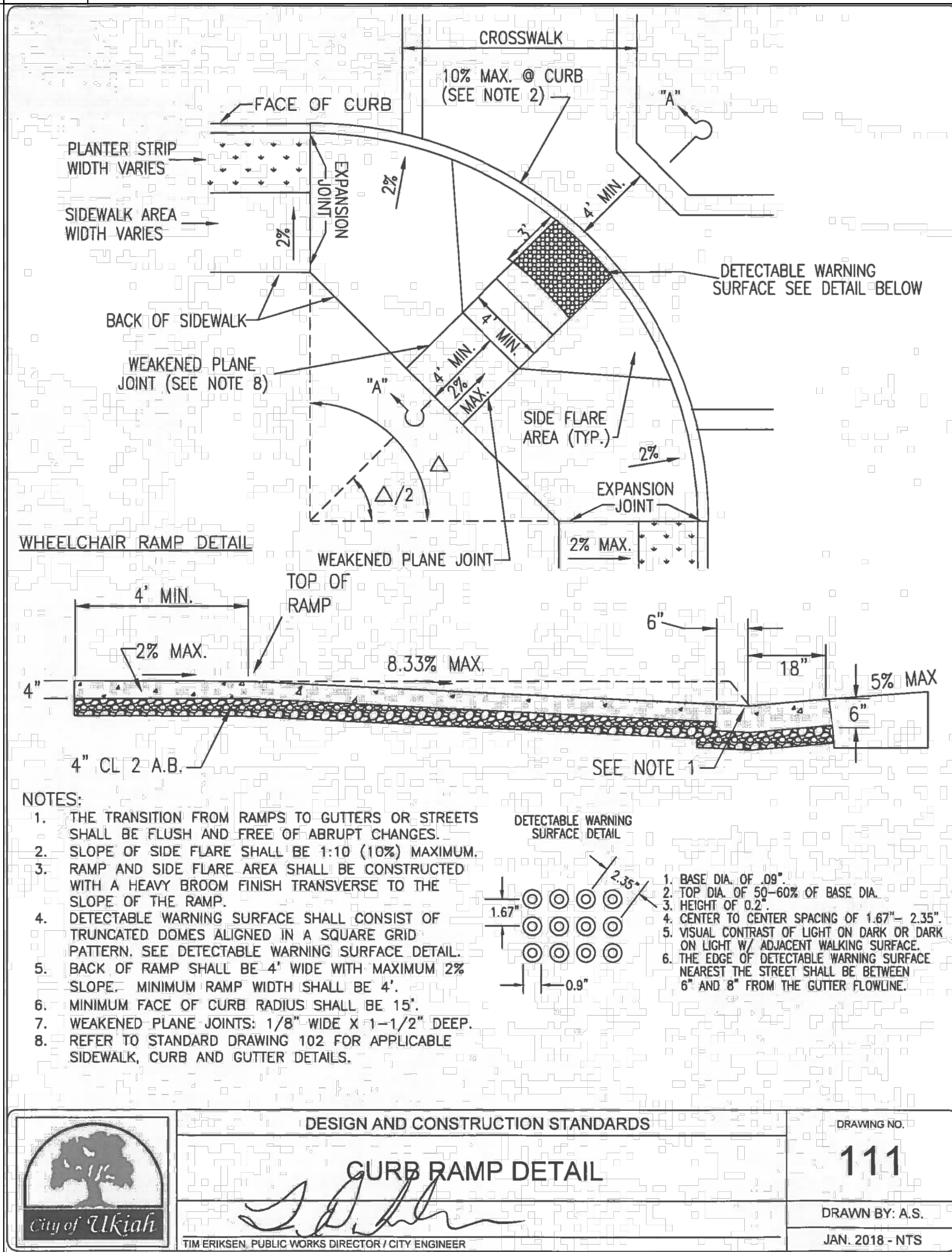
420 TRENCH DETAIL STORM DRAIN PIPE



120 REMOVABLE SIGN POST



102 SIDEWALK, CURB & GUTTER



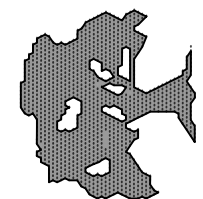
111 CURB RAMP DETAIL

DORA STREET OVERLAY PROJECT

PLAN DETAILS

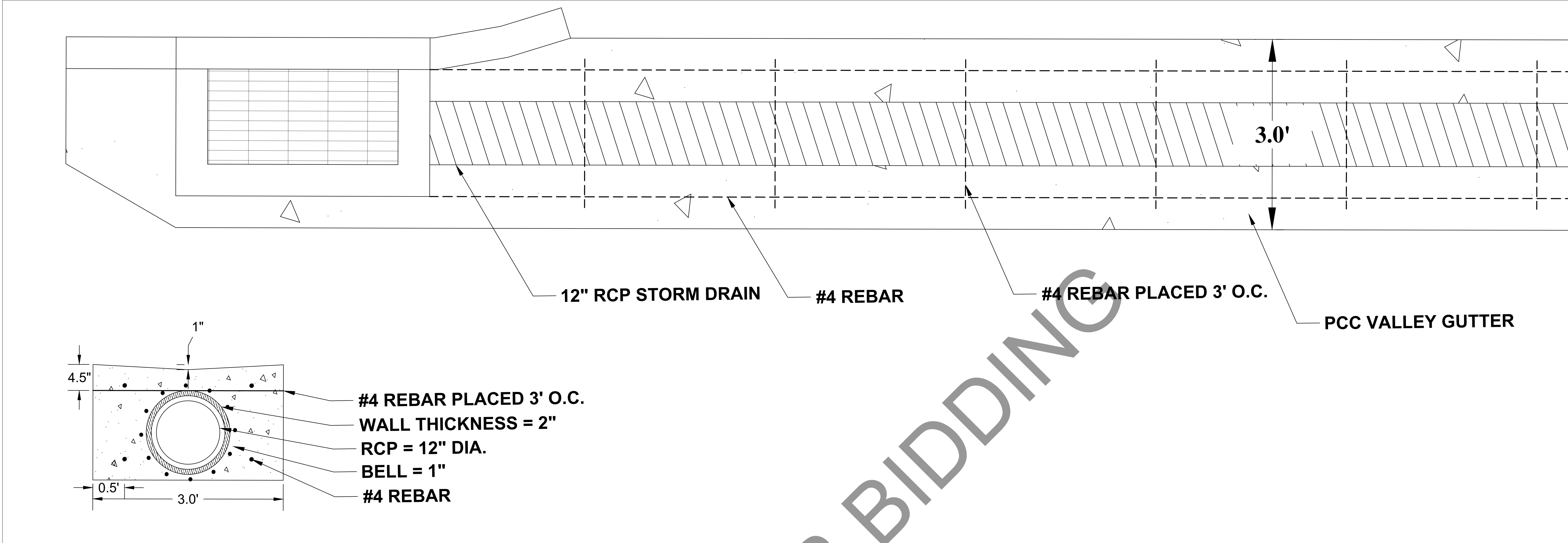
CITY OF UKIAH

300 Seminary Avenue
Ukiah, CA 95482

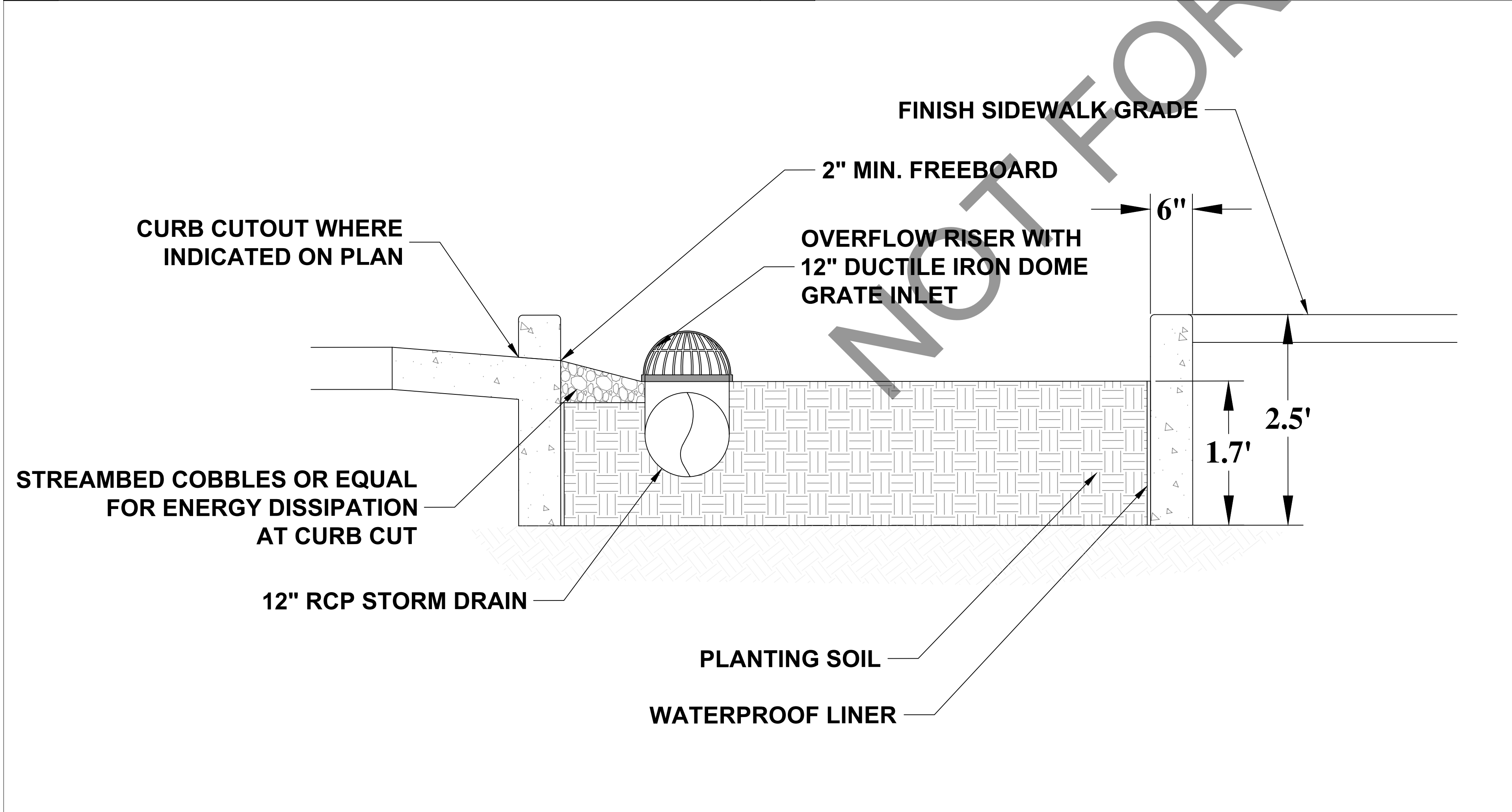


DRAWN: A.S.
CHECKED BY: T.E.
JOB NUMBER: SPEC NO.21-05
DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2021\21-05 DORA OVERLAY PROJECT\SPEC 21-05 DORA OVERLAY PROJECT.DWG

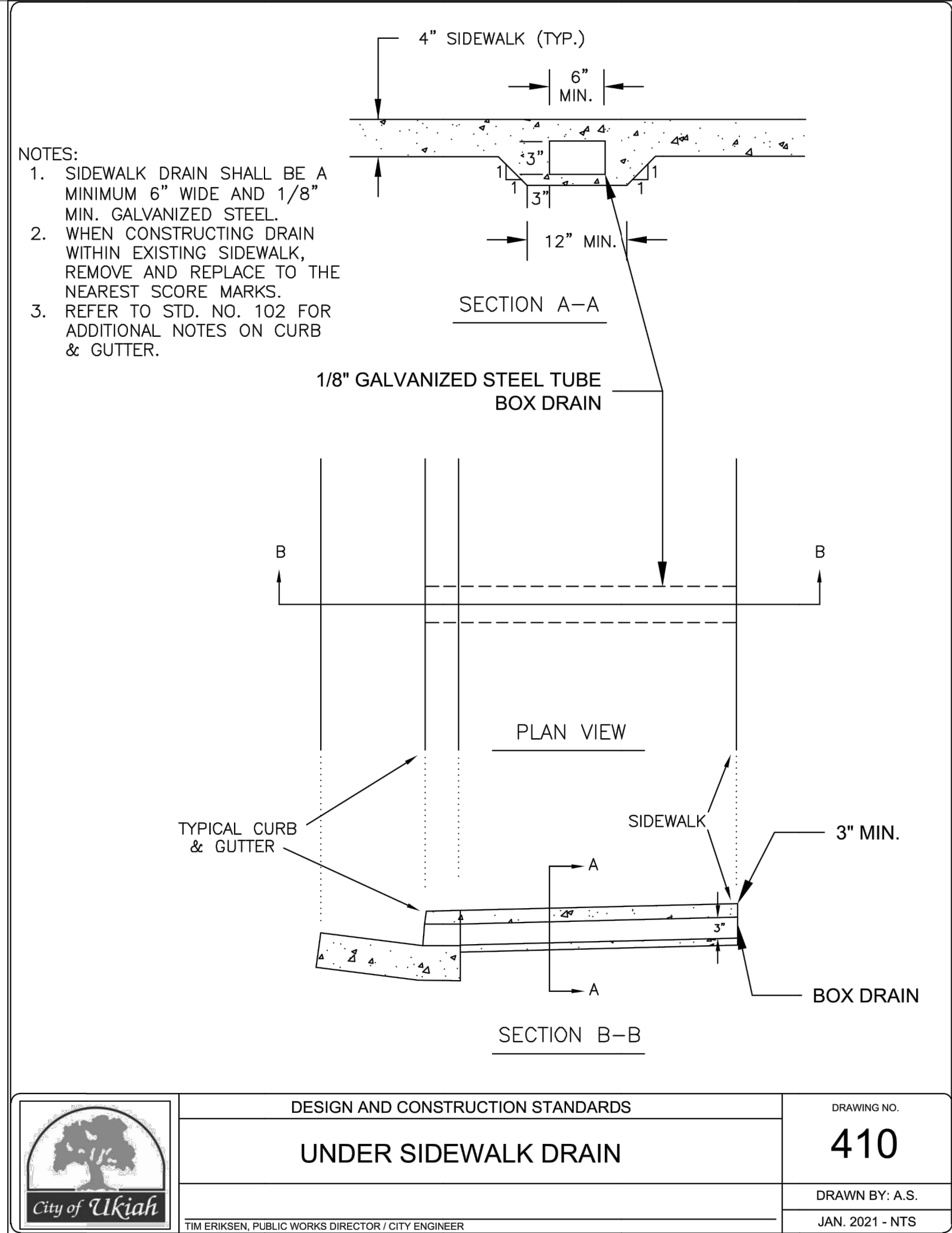
ORIGINAL SIZE: AS SHOWN
DATE: NOVEMBER 2021
DRAWING NUMBER: C-500



STORM DRAIN VALLEY GUTTER NTS

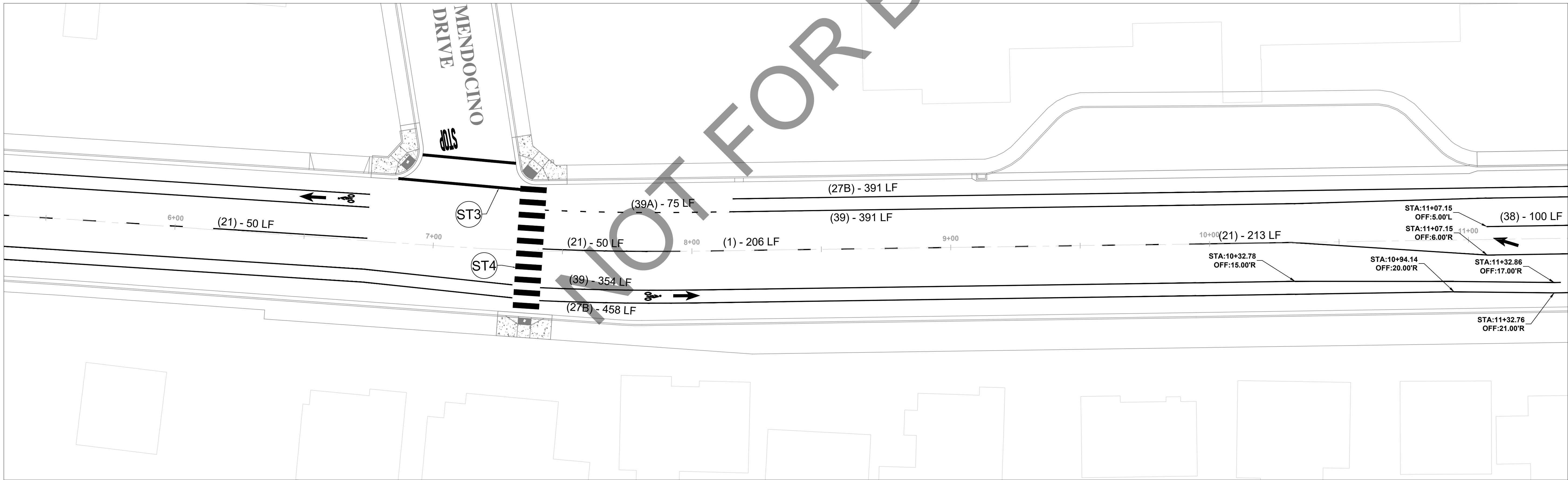
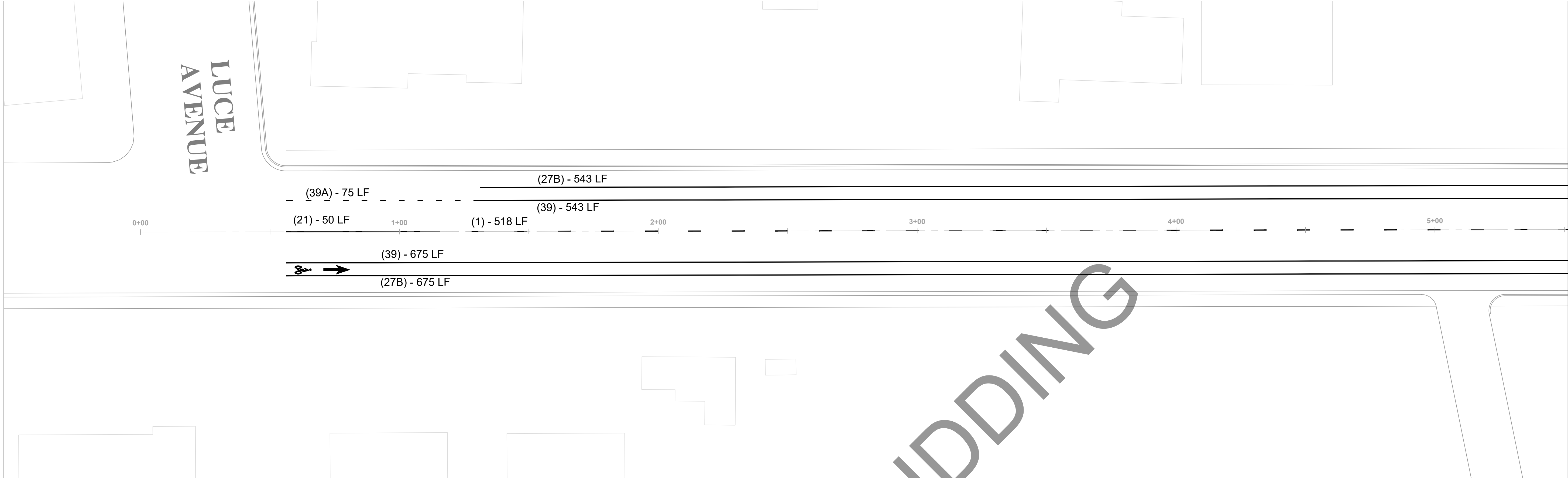


DRAINAGE PLANTER DETAIL NTS



410 UNDER SIDEWALK DRAIN NTS

ORIGINAL SIZE: AS SHOWN DATE: NOVEMBER 2021 DRAWING NUMBER: C-501	
DORA STREET OVERLAY PROJECT	
PLAN DETAILS	
Project	PLAN
CITY OF UKIAH 300 Seminary Avenue Ukiah, CA 95482	
DRAWN: A.S. CHECKED BY: T.E. JOB NUMBER: SPEC NO.21-05 DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2021\SPEC 21-05_DORA OVERLAY PROJECT\SPEC 21-05_DORA OVERLAY PROJECT.DWG	



PAVEMENT MARKINGS

↑
LANE
BIKE

WHITE THERMOPLASTIC BIKE LANE ARROW
PER A24A OF CALTRANS STD. PLANS.

🚲

WHITE THERMOPLASTIC BIKE LANE SYMBOL
WITH PERSON PER A24C OF CALTRANS STD. PLANS.

STOP

STOP LEGEND PER CSP A24D

↩️

TYPE I, IV 10'-0" ARROW PER CSP A24A

TRAFFIC STRIPING

(XX) - ____ LF

STRIPING PER CALTRANS DETAIL INDICATED
ON PLAN. PER A20A TO A20D OF CSP.

CROSSWALK PLACEMENT

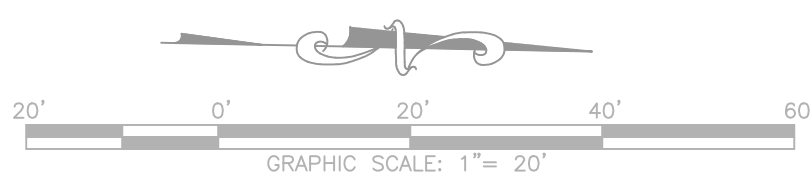
ALL CROSSWALKS WILL BE 10 FT. IN WIDTH AND EXTEND
TO LIP OF GUTTER OR AS DIRECTED BY THE CITY.

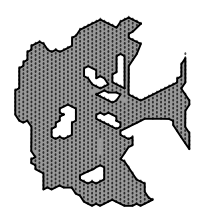
(ST1) APPLY 12" WHITE THERMOPLASTIC CROSSWALK AND LIMIT LINE
PER CALTRANS STANDARD PLAN A24E (TYP).

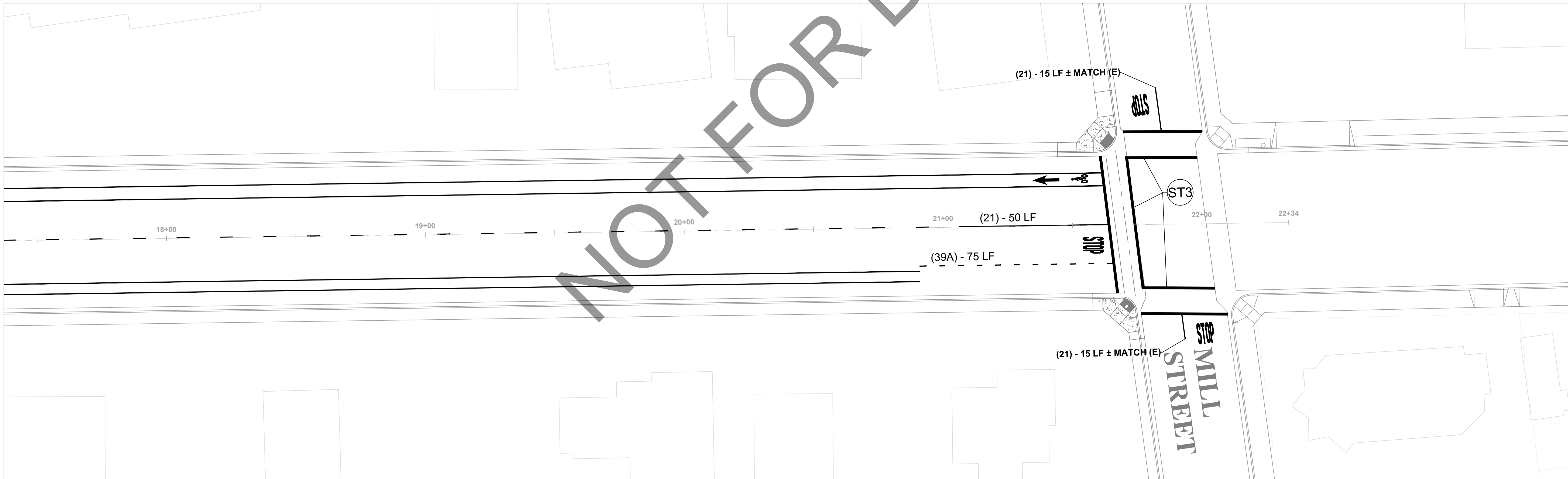
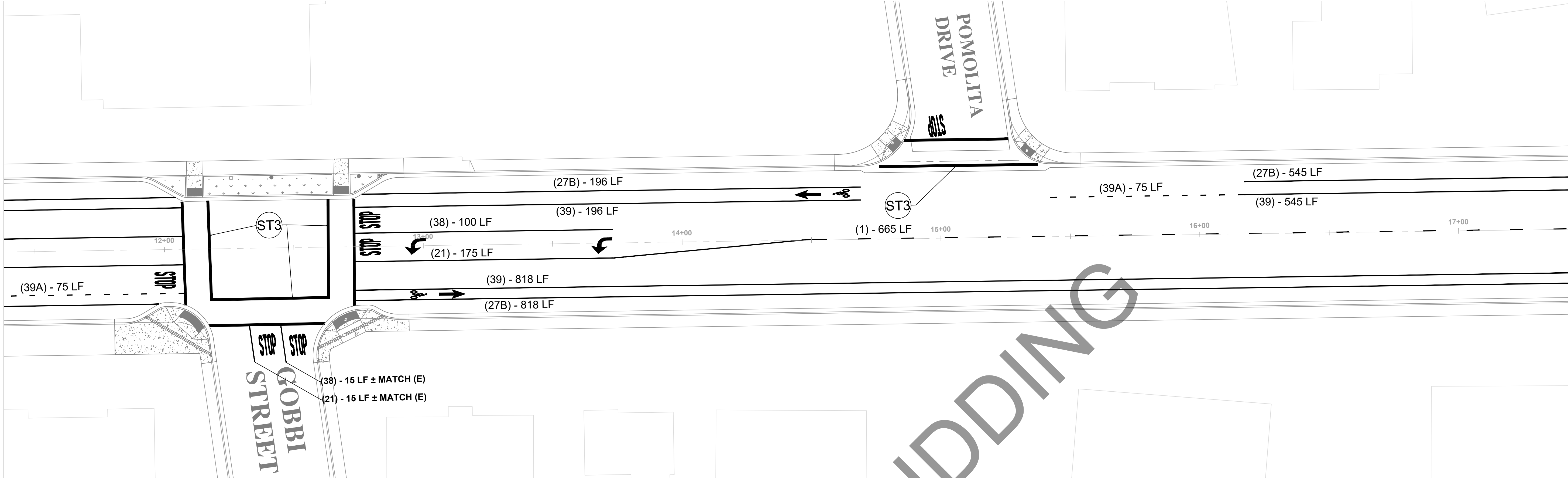
(ST2) APPLY 24" WHITE THERMOPLASTIC CONTINENTAL CROSSWALK
PER CALTRANS STANDARD PLAN A24F (TYP).

(ST3) PROVIDE 12" YELLOW THERMOPLASTIC CROSSWALK AND
LIMIT LINE PER CALTRANS STANDARD PLAN A24E (TYP).

(ST4) APPLY 24" YELLOW THERMOPLASTIC CONTINENTAL
CROSSWALK PER CALTRANS STANDARD PLAN A24F (TYP).



ORIGINAL SIZE: AS SHOWN DATE: NOVEMBER 2021 DRAWING NUMBER: P-100	
DORA STREET OVERLAY PROJECT	
STRIPING PLAN	
Project	PLAN
CITY OF UKIAH 300 Seminary Avenue Ukiah, CA 95482	
	
DRAWN: A.R.S.	CHECKED BY: T.E.
JOB NUMBER: SPEC NO.21-05	
DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2021\SPEC 21-05_DORA OVERLAY PROJECT\SPEC 21-05 DORA OVERLAY PROJECT.DWG	



PAVEMENT MARKINGS

↑
LANE
BIKE

WHITE THERMOPLASTIC BIKE LANE ARROW
PER A24A OF CALTRANS STD. PLANS.

↻
WHITE THERMOPLASTIC BIKE LANE SYMBOL
WITH PERSON PER A24C OF CALTRANS STD. PLANS.

STOP

STOP LEGEND PER CSP A24D

↻↑
TYPE I, IV 10'-0" ARROW PER CSP A24A

TRAFFIC STRIPING

(XX) - ____ LF

STRIPING PER CALTRANS DETAIL INDICATED
ON PLAN. PER A20A TO A20D OF CSP.

CROSSWALK PLACEMENT

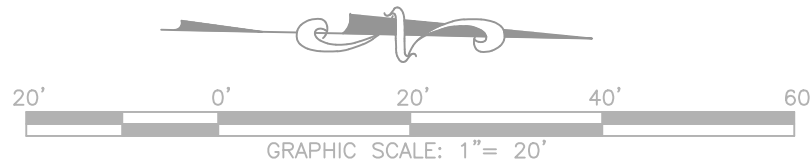
ALL CROSSWALKS WILL BE 10 FT. IN WIDTH AND EXTEND
TO LIP OF GUTTER OR AS DIRECTED BY THE CITY.

ST1 APPLY 12" WHITE THERMOPLASTIC CROSSWALK AND LIMIT LINE
PER CALTRANS STANDARD PLAN A24E (TYP).

ST2 APPLY 24" WHITE THERMOPLASTIC CONTINENTAL CROSSWALK
PER CALTRANS STANDARD PLAN A24F (TYP).

ST3 PROVIDE 12" YELLOW THERMOPLASTIC CROSSWALK AND
LIMIT LINE PER CALTRANS STANDARD PLAN A24E (TYP).

ST4 APPLY 24" YELLOW THERMOPLASTIC CONTINENTAL
CROSSWALK PER CALTRANS STANDARD PLAN A24F (TYP).



ORIGINAL SIZE: AS SHOWN DATE: NOVEMBER 2021 DRAWING NUMBER: P-101	
DORA STREET OVERLAY PROJECT	
STRIPING PLAN	
Project	PLAN
CITY OF UKIAH 300 Seminary Avenue Ukiah, CA 95482	
DRAWN: A.R.S.	
CHECKED BY: T.E.	
JOB NUMBER: SPEC NO.21-05	
DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2021\SPEC 21-05_DORA OVERLAY PROJECT\SPEC 21-05_DORA OVERLAY PROJECT.DWG	

CITY OF UKIAH
MENDOCINO COUNTY, CALIFORNIA

SPECIAL PROVISIONS
FOR
DORA ST. OVERLAY PROJECT
SPECIFICATION NO. 21-05

CITY OF UKIAH
DEPARTMENT OF PUBLIC WORKS
300 Seminary Avenue
Ukiah, California 95482-5400

Bids Open: **Wednesday, Month XX, 2021**
2:00 p.m.
Office of City Clerk

CITY OF UKIAH
MENDOCINO COUNTY, CALIFORNIA

CITY COUNCIL:

JIM BROWN – MAYOR
JOSEFINA DUEÑAS – VICE MAYOR
DOUGLAS F. CRANE – COUNCIL MEMBER
MARI RODIN – COUNCIL MEMBER
JUAN OROZCO – COUNCIL MEMBER

SAGE SANGIACOMO – CITY MANAGER

TIM ERIKSEN - DIRECTOR OF PUBLIC WORKS / CITY ENGINEER

MARY HORGER – FINANCIAL SERVICES MANAGER

KRISTINE LAWLER – CITY CLERK

R. ALLEN CARTER - CITY TREASURER

Approved By:

Tim Eriksen,
Director of Public Works/City Engineer

CITY OF UKIAH
DEPARTMENT OF PUBLIC WORKS
NOVEMBER 2021
TABLE OF CONTENTS

	PAGE
NOTICE TO BIDDERS	1
INSTRUCTIONS TO BIDDERS	3
GENERAL CONDITIONS	
SECTION 1. PROPOSAL REQUIREMENTS AND GENERAL CONDITIONS	5
1-01. Definitions	
1-02. Examinations of Plans, Special Provisions and Site of Work	
1-03. Proposal	
1-04. Withdrawal of Bids	
1-05. Public Opening of Bids	
1-06. Bid Guaranty	
1-07. Qualification of Bidders	
1-08. Disqualification of Bidders	
1-09. Identification of Subcontractors	
1-10. General Provisions of the Standard Specifications	
1-11. Addenda	
SECTION 2. AWARD AND EXECUTION OF CONTRACT	7
2-01. Award of Contract	
2-02. Return of Proposal Guaranties	
2-03. Execution of Contract	
SECTION 3. SCOPE AND INTENT OF CONTRACT	8
3-01. Effect of Inspection and Payments	
3-02. Effect of Extension of Time	
3-03. Extra Work	
3-04. Assignment of Contract	
3-05. Subcontractors	
3-06. Interpretation of Special Provisions and Drawings	
3-07. Addenda	
3-08. Liability of City Officials	
3-09. Dispute Resolution	
SECTION 4. BONDS	9
4-01. Faithful Performance Bond	
4-02. Material and Labor Bond	
4-03. Defective Material and Workmanship Bond	
4-04. Notification of Surety Companies	
SECTION 5. INSURANCE REQUIREMENTS FOR CONTRACTORS	10
5-01. Minimum Scope of Insurance	
5-02. Minimum Limits of Insurance	

- 5-03. Deductibles and Self-Insured Retentions
- 5-04. Other Insurance Provisions
- 5-05. Acceptability of Insurers
- 5-06. Verification of Coverage
- 5-07. Subcontractors

SECTION 6. RESPONSIBILITIES AND RIGHTS OF CONTRACTOR..... 11

- 6-01. Legal Address of Contractor
- 6-02. Office of Contractor at Site
- 6-03. Attention to Work
- 6-04. Liability of Contractor
- 6-05. Protection of Persons and Property
- 6-06. Protection of City Against Patent Claims
- 6-07. Protection of Contractor's Work Property
- 6-08. Regulations and Permits
- 6-09. Construction Utilities
- 6-10. Approval of Contractor's Plans
- 6-11. Suggestions to the Contractor
- 6-12. Termination of Unsatisfactory Subcontracts
- 6-13. Preservation of Stakes and Marks
- 6-14. Assistance to Engineer
- 6-15. Removal of Condemned Materials and Structures
- 6-16. Proof of Compliance with Contract
- 6-17. Errors and Omissions
- 6-18. Cooperation
- 6-19. Right of Contractor to Stop Work
- 6-20. Hiring and Dismissal of Employees
- 6-21. Wage Rates
- 6-22. Cleaning Up
- 6-23. Guaranty
- 6-24. Public Notification

SECTION 7. RESPONSIBILITIES AND RIGHTS OF CITY 16

- 7-01. Authority of the Engineer
- 7-02. Inspection
- 7-03. Surveys
- 7-04. Rights-of-Way
- 7-05. Retention of Imperfect Work
- 7-06. Changes in the Work
- 7-07. Additional Drawings by City
- 7-08. Additional and Emergency Protection
- 7-09. Suspension of Work
- 7-10. Right of City to Terminate Contract
- 7-11. Use of Completed Portions

SECTION 8. WORKMANSHIP, MATERIALS AND EQUIPMENT 18

- 8-01. General Quality
- 8-02. Quality in Absence of Detailed Specifications
- 8-03. Materials and Equipment Specified by Name
- 8-04. Source of Materials
- 8-05. Storage of Materials
- 8-06. Drawings, Samples and Tests

SECTION 9. PROSECUTION OF WORK 19

- 9-01. Equipment and Methods
- 9-02. Time of Completion
- 9-03. Avoidable Delays
- 9-04. Unavoidable Delays
- 9-05. Notice of Delays
- 9-06. Extension of Time
- 9-07. Unfavorable Weather and Other Conditions
- 9-08. Saturday, Sunday, Holiday and Night Work
- 9-09. Hours of Labor

SECTION 10. PAYMENT20

- 10-01. Certification by Engineer
- 10-02. Progress Estimates and Payment
- 10-03. Substitution of Securities
- 10-04. Acceptance
- 10-05. Final Estimate and Payment
- 10-06. Delay Payments
- 10-07. Extra Work and Work Omitted
- 10-08. Compensation for Extra Work or Work Omitted
- 10-09. Compensation to the City for Extension of Time
- 10-10. Liquidated Damages for Delay

SECTION 11. MISCELLANEOUS23

- 11-01. Notice
- 11-02. Computation of Time
- 11-03. Claims Procedure Required by Public Contract Code Section 9204
- 11-04. Litigation and Forum Selection
- 11-05. Waiver

TECHNICAL SPECIFICATIONS

SECTION 12. GENERAL INFORMATION26

- 12-01. Arrangement of Technical Specifications
- 12-02. Existing
- 12-03. Business Licenses
- 12-04. Permits
- 12-05. Standard Specifications and Standard Plans
- 12-06. Temporary Facilities
- 12-07. Public Convenience and Safety
- 12-08. Maintaining Traffic
- 12-09. Traffic Control System for Street Closure
- 12-10. Stream Pollution
- 12-11. Warranties
- 12-12. Utilities
- 12-13. Dust Control
- 12-14. Noise Control
- 12-15. Watering
- 12-16. Preconstruction Conference
- 12-17. Progress Schedule
- 12-18. Safety Requirements

SECTION 13. CONSTRUCTION DETAILS30

13-01. Location and Scope of Work	
13-02. Preservation of Property	
13-03. Watering	
13-04. Protection/Replacement of Valve Boxes; Manhole Frames and Covers	
13-05. Grinding	
13-06. Hot Mix Asphalt	
13-07. Traffic Striping	
13-08. Pavement Markings	
13-09. Reflective and Non-Reflective Pavement Markers (Blue)	
13-10. Minor Concrete	
13-11. Construction Surveying	
13-12. Adjust Manholes & Valve Boxes to Grade	
13-13. Clearing and Grubbing	
13-14. Storm Drain Pipe	
13-15. Drainage Structures	
13-16. Bioretention Overflow Inlet	

SECTION 14. EXCLUSIONS FROM GENERAL CONDITIONS.....42

14-01. Provisions to be Excluded from General Conditions

SECTION 15. AMENDMENTS TO GENERAL CONDITIONS.....42

15-01. Provisions of General Conditions to be Amended

CERTIFICATES AND DOCUMENTS

BID SUBMITTAL CHECKLIST	43
PROPOSAL	44
BIDDING SCHEDULE.....	45
FAIR EMPLOYMENT PRACTICES CERTIFICATION	48
WORKER'S COMPENSATION CERTIFICATE	49
CERTIFICATE OF NONDISCRIMINATION IN EMPLOYMENT	50
LIST OF PROPOSED SUBCONTRACTORS.....	51
STATEMENT OF EXPERIENCE OF BIDDER.....	52
SIGNATURE OF BIDDER.....	53
BIDDER'S BOND	54
NON-COLLUSION AFFIDAVIT	55
AGREEMENT	56
INDEMNIFICATION AGREEMENT	60
EXAMPLE BOND FORMS	62
DIRECTIONS FOR PREPARATION OF PERFORMANCE AND MATERIAL AND LABOR BOND	65
DEFECTIVE MATERIAL AND WORKMANSHIP (MAINTENANCE) BOND	66
INSURANCE CERTIFICATES AND ENDORSEMENT FORMS	

APPENDICES:
PLAN SHEETS - 12 PAGES

CITY OF UKIAH, MENDOCINO COUNTY, CALIFORNIA
NOTICE TO BIDDERS FOR DORA ST. OVERLAY PROJECT SPECIFICATION NO. 21-05

NOTICE IS HEREBY GIVEN that sealed standard proposals for DORA ST. OVERLAY PROJECT will be received at the Office of the City Clerk, Ukiah Civic Center, 300 Seminary Avenue, Ukiah California until 2:00 p.m. on XXXXX at which time, or as soon thereafter as possible, they will be publicly opened and read. Bids shall be addressed to the City Clerk and shall be endorsed "DORA ST. OVERLAY PROJECT" Bids are required for the entire work described herein. No fax bids will be accepted.

ENGINEER'S ESTIMATE OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
1	TRAFFIC CONTROL	LS	1
2	MOBILIZATION	LS	1
3	ASPHALT GRINDING	CY	98
4	ASPHALT CONCRETE FIBER REINFORCED (2" OVERLAY)	TON	1411
5	ADJUST MANHOLE TO GRADE	EA	7
6	ADJUST EXISTING VALVE/SSCO TO GRADE	EA	13
7	PAVEMENT MARKERS	EA	6
8	TRAFFIC STRIPE - DET 1	LF	1389
9	TRAFFIC STRIPE - DET 21	LF	603
10	TRAFFIC STRIPE - DET 27B	LF	3626
11	TRAFFIC STRIPE - DET 38	LF	215
12	TRAFFIC STRIPE - DET 39	LF	3522
13	TRAFFIC STRIPE - DET 39A	LF	375
14	THERMO X-WALK & PAVEMENT MARKING	SF	1261
15	REMOVE CONCRETE (CURB & GUTTER)	LF	742
16	REMOVE CONCRETE (SIDEWALK & FLATWORK)	SF	2951
17	MINOR CONCRETE (SIDEWALK)	SF	1334
18	MINOR CONCRETE (CURB AND GUTTER)	LF	476
19	MINOR CONCRETE (6" PLANTER CURB)	LF	18
20	MINOR CONCRETE (CURB RAMP)	SF	1979
21	MINOR CONCRETE (VALLEY GUTTER)	SF	1520
22	MINOR CONCRETE (BIORETENTION CURB & GUTTER)	LF	83

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
23	MINOR CONCRETE (BIORETENTION CURB)	LF	110
24	INSTALL 3"X12" GALVANIZED BOX DRAIN CHANNEL	LF	61
25	INSTALL 12" STORM DRAIN REINFORCED CONCRETE PIPE (CLASS IV)	LF	362
26	REMOVE DRAINAGE INLET	EA	2
27	PLANTER STORM OVERFLOW INLET	EA	2
28	DRAINAGE INLET - TYPE GO D73	EA	1
29	BIORETENTION AREA	SF	490
30	CONSTRUCTION STAKING	LS	1

Plans and Special Provisions may also be downloaded at no charge from the City's website at www.cityofukiah.com/purchasing. Contact Mary Horger, Financial Services Manager, City of Ukiah, 300 Seminary Avenue, Ukiah, California 95482-5400. No bid will be considered unless it is made on the forms furnished by the City and is made in accordance with the details of the Special Provisions. Each bidder must be licensed as required by law. Further information regarding the work or these specifications can be obtained by calling Mary Horger at (707) 463-6233 or at fax phone (707) 313-3621.

The City Council reserves the right to reject any or all bids and to determine which proposal is, in its opinion, the lowest responsive bid by a responsible bidder and which it deems in the best interest of the City to accept. The City Council also reserves the right, but not the obligation, to waive any irregularity or failure to strictly comply with the bidding requirements, that the City determines in the reasonable exercise of its discretion does not provide the bidder with a competitive advantage over other bidders.

No contractor or subcontractor may be listed on a bid proposal for a public works project unless registered with the Department of Industrial Relations ("DIR") pursuant to Labor Code section 1725.5 except as allowed under Labor Code section 1771.1(a). The prime contractor shall be responsible for posting job site notices as prescribed by regulation. This project is subject to compliance monitoring and enforcement by the DIR.

Pursuant to provisions of Section 1770, including amendments thereof, of the Labor Code of the State of California, the DIR Director has ascertained the general prevailing rate of wages for straight time, overtime, Saturdays, Sundays and Holidays including employer payment for health and welfare, vacation, pension and similar purposes for the City of Ukiah. Copies of the General Prevailing Wage Determination are available on the Internet at web address: <http://www.dir.ca.gov/DLSR/PWD/> The prime contractor for the work herein shall possess a current, valid State of California, Class A (General Engineering) Contractor's License. Pursuant to California Public Contract Code §22300, this contract includes provisions that allow substitutions of certain types of securities in lieu of the City withholding a portion of the partial payments due the Contractor to insure performance under this contract.

By order of the City Council, City of Ukiah, County of Mendocino, State of California.

Dated: _____

Kristine Lawler, City Clerk, City of Ukiah, California

PUBLISH TWO TIMES: XXXXXXXXXX

INSTRUCTIONS TO BIDDERS

DORA ST. OVERLAY PROJECT shall be performed in accordance with the Plans and Special Provisions therefor adopted, to which special reference is hereby made.

Each bidder must supply all the information required by the bid documents and Special Provisions.

Minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color or national origin in consideration for an award of any contract entered into pursuant to this advertisement. Women will be afforded equal opportunity in all areas of employment. However, the employment of women shall not diminish the standards or requirements for the employment of minorities.

All proposals or bids shall be accompanied by a cashier's check or certified check payable to the order of the City of Ukiah amounting to 10 percent of the bid, or by a bond in said amount and signed by the bidder and a corporate surety, payable to said City. Said check shall be forfeited, or said bond shall become payable to said City in case the bidder depositing the same does not, within fifteen (15) days after written notice that the contract has been awarded to him: (a) enter into a contract with the City and (b) furnish certificates of insurance and endorsements, a bond of faithful performance and a payment bond as described in the Special Provisions.

No bidder shall withdraw his or her bid for a period of thirty (30) calendar days after the date set by the City for the opening thereof.

The Contractor and any subcontractors shall each possess a valid City of Ukiah Business License prior to the start of any work.

The Contractor shall furnish a project schedule to the Engineer prior to the start of any work and start work as scheduled.

The work is to be completed within **forty (40) working days**. The Contractor will pay to the City the sum of five hundred (\$500.00) dollars per day for each and every calendar day's delay beyond the time prescribed.

The staff shall notify a bidder by telephone, email or fax, if it intends to recommend the rejection of the bidder's bid. Any bid protest must be filed with the City Clerk not more than five calendar days following the bid opening, or 2 calendar days following notice that staff is recommending the rejection of a bid. If any such timely written protest is filed, all bidders shall be provided a copy of the protest within 2 calendar days of its receipt, which may be delivered to the bidders as an email attachment or by fax. All such bidders may file with the City Manager a written objection or other response to the protest.

All objections or responses filed not more than 5 days after receipt of the written protest will be presented to the City Council at its next regular meeting occurring not less than 12 calendar days following the bid opening. The City Council will resolve the bid protest at that meeting based on the written protest, any staff recommendation and all timely written objections and responses. In accordance with the Brown Act, any person may address the City Council on this item during the meeting. The City Council action on the protest shall represent a final decision by the City on the protest.

Examination of Site, Drawings, Etc.

Each bidder shall visit the site of the proposed work and fully acquaint himself with local conditions, construction and labor required so that he or she may fully understand the facilities, difficulties and restrictions attending the execution of the work under the Contract. Bidders shall thoroughly examine and be familiar with the Plans and Special Provisions. The failure of any bidder to receive or examine any form, instrument, addendum, or other document, or to visit the site and acquaint himself with conditions there existing, shall in no way relieve the bidder from any obligation with respect to his or her proposal or to the contract. The drawings for the work show conditions as they are supposed or believed by the Engineer to exist; but, it is neither intended nor shall it be inferred that the conditions as shown thereon constitute a representation by the Engineer, the City or its officers that such conditions are actually existent, nor shall the City, the Engineer or any of their officers or representatives be liable for any loss sustained by the Contractor as a result of a variance between the conditions shown on the drawings and the conditions actually revealed during the progress of the work or otherwise.

The bidder's attention is directed to the possible existence of obstructions and public improvements within the limits of the work or adjacent thereto, which may or may not be shown on the Drawings. Any bid shall take into consideration that conditions may exist underground or otherwise that are not known to the City or easily detected during a site inspection that could impact the time or cost of completing the project. The City expects the bids to anticipate such conditions so that it can know for budgeting and other purposes the total cost to complete the project before accepting a bid and undertaking the legal obligation to construct the project. In awarding the contract the City relies on the contractor's representation that its bid anticipates differing site conditions and the additional time or cost that such conditions may necessitate.

The bidder shall investigate to his or her satisfaction the conditions to be encountered, the character, quality and quantities of work to be performed and materials to be furnished and the requirements of the Plans, Special Provisions, Standard Specifications, Standard Plans, and Contract Documents. The submission of a proposal shall be considered conclusive evidence that the bidder has made such examination and has accepted the project workplace as a safe workplace to perform the work of the Contract.

Bidder Inquiries and Questions

Inquiries and questions must be submitted in writing via fax or email to the following designated contact person:

Mary Horger, Financial Services Manager

Fax: (707) 313-3621

Email: mhorger@cityofukiah.com

The City reserves the right to not respond to inquiries or questions submitted within 3 business days of the bid opening.

Location of the Work

The project limits are on South Dora Street from Luce Avenue north to Mill Street. All of the work to be performed is within the City of Ukiah.

GENERAL CONDITIONS

SECTION 1. PROPOSAL REQUIREMENTS AND GENERAL CONDITIONS

1-01. Definitions. Whenever any word or expression defined in this section, or pronoun used in its stead, occurs in these contract documents, it shall have and is mutually understood to have the meaning given:

- a. "City of Ukiah" or "City" shall mean the City of Ukiah, Mendocino County, California, acting through its City Council or any other board, body, official or officials to which or to whom the power belonging to the Council shall by virtue of any act or acts, hereafter pass or be held to appertain.
- b. "Engineer" shall mean the Engineer duly and officially appointed by the City to supervise and direct the work of construction under this contract, acting personally or through agents or assistants duly authorized by him, such agents or assistants acting within the scope of the particular duties entrusted to them.
- c. "Inspector" shall mean the engineering or technical inspector or inspectors duly authorized or appointed by the Engineer, limited to the particular duties entrusted to him or her or them.
- d. "Contractor" shall mean the party entering into contract with the City of Ukiah for the performance of work covered by this contract and his or her authorized agents or legal representatives.
- e. "Date of signing of contract" or words equivalent thereto, shall mean the date upon which this contract, with the signature of the Contractor affixed, together with the prescribed bonds, shall be or shall have been delivered to the City or its duly authorized representatives.
- f. "Day" or "days", unless herein otherwise expressly defined, shall mean a calendar day or days of twenty-four hours each.
- g. "The work" shall mean and include all the work specified, indicated, shown or contemplated in the contract to construct the improvement, including all alterations, amendments or extensions thereto made by contract change order or other written orders of the Engineer.
- h. "Contract drawings", "drawings", "plans" shall mean and include 1) all drawings or plans which may have been prepared by or on behalf of the City, as a basis for proposals, when duly signed and made a part of this contract by incorporation or reference, 2) all drawings submitted in pursuance of the terms of this contract by the successful bidder with his or her proposal and by the Contractor to the City if and when approved by the Engineer and 3) all drawings submitted by the Engineer to the Contractor during the progress of the work as provided for herein.
- i. Where "as shown", "as indicated", "as detailed" or words of similar import are used, it shall be understood that reference to the drawings accompanying these Special Provisions is made unless stated otherwise.

Where "as directed", "as permitted", "approved" or words of similar import are used, it shall be understood that the direction, requirements, permission, approval or acceptance of the Engineer is intended unless stated otherwise.

As used herein, "provide" or "install" shall be understood to mean "provide or install complete in place", that is, "furnish and install". "Shall" is mandatory; "may" is permissive.

1-02. Examination of Plans, Special Provisions and Site of Work. The bidder shall examine carefully the Proposal, Plans, Special Provisions, Contract forms and the site of the work contemplated therefor. It will be assumed that the

bidder has investigated to his or her satisfaction the conditions to be encountered and the character, quality and requirements of all Plans, Special Provisions, Standard Specifications, and Standard Plans involved.

1-03. Proposal. Bids shall be made on the blank forms prepared by the City. All bids shall give the prices bid, both in writing and in figures and shall be signed by the bidder or his or her authorized representative, with his or her address. If the bid is made by an individual or partner, his or her name and the post office address of his or her business or partnership, along with his or her signature or the signature of one or more partners must be shown; if made by a corporation, the bid shall show the name of the state under the laws of which the corporation is chartered, the name of the corporation and the title of the person who signs on behalf of the corporation.

Each proposal shall be enclosed in a sealed envelope, endorsed as specified in the notice to bidders. Bidders are warned against making erasures or alterations of any kind and proposals which contain omissions, erasures, conditions, alterations, additions not called for, additional proposals or irregularities of any kind may be rejected.

1-04. Withdrawal of Bids. Any bid may be withdrawn at any time prior to the hour fixed in the notice to bidders for the openings of bids, provided that a request in writing, executed by the bidder or his or her duly authorized representative, for the withdrawal of such bid is filed with the City. The withdrawal of a bid will not prejudice the right of a bidder to file a new bid.

1-05. Public Opening of Bids. Bids will be opened and read publicly at the time and place indicated in the notice to bidders. Bidders or their agents are invited to be present.

1-06. Bid Guaranty. Each bid must be accompanied by a certified check, cashier's check or bidder's bond executed by an admitted surety insurer, payable to the order of the City of Ukiah in an amount not less than 10 percent of the bid as a guarantee that the bidder will enter into a contract, if awarded the work.

1-07. Qualification of Bidders. No contractor or subcontractor may be listed on a bid proposal for a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)]. No contractor or subcontractor may be awarded a contract for public work on a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5. The prime contractor shall be responsible for posting job site notices as prescribed by regulation. This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

Each bidder shall be licensed under the provisions of Chapter 9, Division 3 of the Business and Professions Code and shall be skilled and regularly engaged in the general class or type of work called for under this contract. A statement setting forth this experience and business standing shall be submitted by each bidder on the form provided herewith. It is the intention of the City to award a contract only to a bidder who furnishes satisfactory evidence that he or she has the requisite experience and ability and that he or she has sufficient capital, facilities and equipment to enable him or her to prosecute the work successfully and promptly within the time and in the manner agreed.

In determining the degree of responsibility to be credited to a bidder, the City may weigh evidence that the bidder or his or her personnel charged with the responsibility in the work, has performed satisfactorily other contracts of like nature and magnitude or comparable difficulty at similar rates of progress.

1-08. Disqualification of Bidders. More than one bid from an individual business, partnership, corporation or association, under the same or different names, will not be considered. Reasonable grounds for believing that any bidder is financially interested in more than one bid for the work will cause the rejection of all bids in which he or she is so interested. If there is reason to believe that collusion exists among the bidders, none of the participants in such collusion will be considered. Bids in which the prices obviously are unbalanced may be rejected.

1-09. Identification of Subcontractors. All bids shall comply with the Subletting and Subcontracting Fair Practices Act (Public Contract Code Section 4100 and following) and shall set forth:

- (a) The name and the location of the place of business of each subcontractor who will perform work or labor, or render service to the prime contractor in or about the construction of the work, or to a subcontractor licensed by the State of California who, under subcontract to the prime contractor, specially fabricates and installs a portion of the work according to detailed drawings contained in the plans and Special Provisions, in an amount in excess of one-half of 1 percent of the prime contractor's total bid.

(b) The portion of the work which will be done by each such subcontractor. The prime contractor shall list only one subcontractor for each such portion defined by the prime contractor in his or her bid.

1-10. General Provisions of the Standard Specifications. All provisions of the General Provisions, Sections 1 through 11, of the Standard Specifications, shall be applicable to the contract except as modified by these Special Provisions. The Standard Specifications are set forth in Section 12-06 of these Special Provisions.

1-11. Addenda. If it becomes necessary to revise any part of these plans and specifications after they have been released, the City will issue an addendum containing the revision. All addenda will be posted on the City's website at www.cityofukiah.com/purchasing with the rest of the bid documents. Anyone who intends to submit a bid in response to this Request for Bid must check the website frequently for any posted addenda. Anyone submitting a bid will be deemed to have seen and agreed to be bound by the posted addenda.

SECTION 2. AWARD AND EXECUTION OF CONTRACT

2-01. Award of Contract. Award of the contract, if it be awarded, will be to the lowest responsible bidder whose bid complies with all the specified requirements. The award, if made, will be made within thirty (30) days after opening of the bids. The City reserves the right to reject any and all bids and to waive any irregularity in the proposal not pertaining to cost.

2-02. Return of Proposal Guaranties. All bid guaranties will be held until the contract has been fully executed, after which they will be returned upon request to the respective bidders whose bids they accompany.

2-03. Execution of Contract. The contract agreement shall be executed in duplicate by the successful bidder and returned, together with the contract bonds, insurance certificates and endorsements, within fifteen (15) days after written notice of the award of the contract. After execution by the City; one copy shall be filed with the City and one copy shall be returned to the Contractor. If the bidder fails or refuses to enter into the contract agreement within the required time, then the bid guaranty accompanying the bid shall be forfeited to the City.

SECTION 3. SCOPE AND INTENT OF CONTRACT

3-01. Effect of Inspection and Payments. Neither the inspection by the Engineer or an inspector, nor any order, measurement or approved modification, nor certificate or payment of money, nor acceptance of any part or whole of the work, nor any extension of time, nor any possession by the City or its agents, shall operate as a waiver of any provision of this contract or of any power reserved therein to the City, or of any right to damages thereunder; nor shall any breach of this contract be held to be a waiver of any subsequent breach. All remedies shall be construed as cumulative.

3-02. Effect of Extension of Time. The granting of any extension of time on account of delays which, in the judgement of the City, are avoidable delays shall in no way operate as a waiver on the part of the City of its rights under this contract.

3-03. Extra Work. If extra work orders are given in accordance with provisions of this contract, such work shall be considered a part hereof and shall be subject to each and all of its terms and requirements.

3-04. Assignment of Contract. The contract may be assigned or sublet in whole or in part only upon the written consent of the City acting through its authorized agents. Consent will not be given to any proposed assignment which would relieve the original contractor or its surety of their responsibilities under the contract nor will the Engineer consent to any assignment of a part of the work under the contract.

3-05. Subcontractors. The Contractor shall be as fully responsible for the acts and omissions of his or her subcontractors and of persons either directly or indirectly employed by them, as he or she is for the acts and omissions of persons directly employed by him.

The Contractor shall cause appropriate provisions to be inserted in all subcontracts relative to the work to bind subcontractors to the terms of this Contract which are applicable to the work of subcontractors.

Nothing contained in this contract shall be construed to create or shall be relied upon to create any contractual relationship between any subcontractor and the City and no action may be brought by any subcontractor against the City based on this contract.

3-06. Interpretation of Special Provisions and Drawings. The Special Provisions and the Contract Drawings are intended to be explanatory of each other. Any work indicated in the Contract Drawings and not in the Special Provisions, or vice versa, is to be executed as if indicated in both. In case of a discrepancy or conflict between the Technical Specifications and Contract Plans, the Technical Specifications shall govern. All work shown on the Contract Drawings, the dimensions of which are not figured, shall be accurately followed to the scale to which the drawings are made, but figured dimensions are in all cases to be followed, where given, though they differ from scaled measurements. Large scale drawings shall be followed in preference to small scale drawings. Should it appear that the work to be done, or any of the matters relative thereto, are not sufficiently detailed or explained in these contract documents, including the contract drawings, the Contractor shall apply to the Engineer for such further explanations as may be necessary and shall conform thereto as part of this contract, so far as may be consistent with the terms of this contract. In the event of any doubt or questions arising respecting the true meaning of the Special Provisions, reference shall be made to the Engineer and his or her decision thereon shall be final. If the Contractor believes that a clarification or interpretation justifies an increase in the contract price or contract time, the Contractor must comply with the written notice provisions of Sections 9-05 and 10-07 of these Special Provisions. Contractor's attention is directed to Section 12-06 of the Technical Specifications regarding the Standard Specifications and Standard Plans.

3-07. Addenda. If it becomes necessary to revise any part of these plans and specifications after they have been released, the City will issue an addendum containing the revision. All addenda will be posted on the City's website at www.cityofukiah.com/purchasing with the rest of the bid documents. Anyone who intends to submit a bid in response to this Request for Bid must check the website frequently for any posted addenda. Anyone submitting a bid will be deemed to have seen and agreed to be bound by the posted addenda.

3-08. Liability of City Officials. No city official, nor the Engineer, nor any authorized assistant of any of them, shall be personally responsible for any liability arising under this contract.

3-09. Dispute Resolution. Claims of \$375,000 or less by the Contractor that arise under this Contract are subject to the mandatory dispute resolutions provisions in Public Contract Code Sections 20104-20104.6.

SECTION 4. BONDS

4-01. Faithful Performance Bond. As a part of the execution of this contract, the Contractor shall furnish a bond of a surety company or other securities providing equivalent protection such as cash, letter of credit, or certificates of deposit, acceptable to the City, conditioned upon the faithful performance of all covenants and stipulations under this contract. The amount of the bond shall be 100 percent of the total contract price, as this sum is set forth in the agreement.

4-02. Material and Labor Bond. As a part of the execution of this contract, the Contractor shall furnish a bond of a surety company or other securities providing equivalent protection such as cash, letter of credit or certificates of deposit acceptable to the City in a sum not less than 50 percent of the total contract price, as this sum is set forth in the agreement for the payment in full of all persons, companies or corporations who perform labor upon or furnish materials to be used in the work under this contract, in accordance with the provisions of Sections 3247 through 3252 inclusive of the Civil Code of the State of California and any acts amendatory thereof.

4-03. Defective Material and Workmanship Bond. As a condition precedent to the completion of this contract, the Contractor shall furnish a bond of a surety company acceptable to the City in an amount not less than 5 percent (5%) of the final contract price, to hold good for a period of one (1) year after the completion and acceptance of the work, to protect the City against the results of defective materials, workmanship and equipment during that time. This bond shall be delivered to the City before the final payment under this contract will be made.

4-04. Notification of Surety Companies. The surety companies shall familiarize themselves with all of the conditions and provisions of this contract and they waive the right of special notification of any change or modification of this contract or of extension of time, or decreased or increased work, or of the cancellation of the contract, or of any other act or acts by the City or its authorized agents, under the terms of this contract; and failure to so notify the aforesaid surety companies of changes shall in no way relieve the surety companies of their obligation under this contract.

SECTION 5. INSURANCE REQUIREMENTS FOR CONTRACTORS (WITH CONSTRUCTION RISKS)

Contractor shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Contractor, his or her agents, representatives, employees or subcontractors.

5-01. Minimum Scope of Insurance

Coverage shall be at least as broad as:

1. Insurance Services Office Commercial Liability Coverage (occurrence form CG 0001).
2. Insurance Services Office form number CA 0001 (Ed. 1/87) covering Automobile Liability, code 1 (any auto).
3. Worker's Compensation insurance as required by the State of California and Employer's Liability Insurance.
4. Course of Construction insurance covering for "all risks" of loss.

5-02. Minimum Limits of Insurance

Contractor shall maintain limits no less than:

1. General Liability: \$2,000,000 per occurrence for bodily injury, personal injury and property damage including operations, products and completed operations. If Commercial General Liability Insurance or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit.
2. Automobile Liability: \$2,000,000 per accident for bodily injury and property damage.
3. Employer's Liability: \$1,000,000 per accident for bodily injury and property damage.
4. Course of Construction: Completed value of the project with no co-insurance penalty provisions.

5-03. Deductibles and Self-insured Retentions. Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of the City, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the City, its officers, officials, employees and volunteers; or the Contractor shall provide a financial guarantee satisfactory to the City guaranteeing payment of losses and related investigations, claim administration and defense expenses.

5-04. Other Insurance Provisions

The general liability and automobile liability policies are to contain, or be endorsed to contain, the following provisions:

1. The City, its officers, officials, employees and volunteers are to be covered as Additional Insured with respect to liability arising out of automobiles owned, leased, hired or borrowed by or on behalf of the contractor; and with respect to liability arising out of work or operations performed by or on behalf of the Contractor including materials, parts or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to the Contractor's insurance, or as a separate owner's policy.
2. The workers' compensation policy is to be endorsed with a waiver of subrogation. The insurance company, in its endorsement, agrees to waive all rights of subrogation against the City, its officers, officials, employees and volunteers for losses paid under the terms of this policy which arises from the work performed by the named insured for the City.
3. For any claims related to this project, the Contractor's insurance coverage shall be primary insurance as respects the City, its officers, officials, employees or volunteers. Any insurance or self-insurance maintained by the City, its officers, officials, employees or volunteers shall be excess of the Contractor's insurance and shall not contribute with it.

4. Each insurance policy required by this clause shall be endorsed to state that coverage shall not be canceled by either party, except after thirty (30) days' prior written notice by certified mail, return receipt requested, has been given to the City.
5. Coverage shall not extend to any indemnity coverage for the active negligence of the additional insured in any case where an agreement to indemnify the additional insured would be invalid under Subdivision (b) of Section 2782 of Civil Code.
6. Course of Construction policies shall contain the following provisions:
 - a.) The City shall be named as loss payee.
 - b.) The insurer shall waive all rights of subrogation against the City.

5-05. Acceptability of Insurers

Insurance is to be placed with insurers with a current A.M. Best's rating of no less than the following:

A++ VII	A- VIII
A+ VII	B++ X
A VII	B+ X

5-06. Verification of Coverage. Contractor shall furnish the City with original certificates and amendatory endorsements effecting coverage required by this clause. The endorsements shall be on forms provided by the City or on other than the City's forms, provided those endorsements or policies conform to the requirements. All certificates and endorsements are to be received within 15 days from written notice of contract award, and the work shall not commence until the certificates and endorsements have been approved by the City. The City reserves the right to require complete certified copies of all required insurance policies, including endorsements affecting the coverage required by these Special Provisions at any time.

5-07. Subcontractors. Contractor shall include all subcontractors as insureds under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverages for subcontractors shall be subject to all of the requirements stated herein.

SECTION 6. RESPONSIBILITIES AND RIGHTS OF CONTRACTOR

6-01. Legal Address of Contractor. Both the address given in the proposal and the Contractor's office in the vicinity of the work are hereby designated as places to either of which drawings, samples, notices, letters or other articles or communications to the Contractor may be mailed or delivered. The delivery at either of these places of any such thing from the City or its agents to the Contractor shall be deemed sufficient service thereof upon the Contractor and the date of such service shall be the date of such delivery. The address named in the proposal may be changed at any time by notice in writing from the Contractor to the City. Nothing herein contained shall be deemed to preclude or render inoperative the service of any drawing, sample, notice, letter or other article or communication to or upon the Contractor personally.

6-02. Office of Contractor at Site. During the performance of this contract, the Contractor shall maintain a suitable office at the site of the work which shall be the headquarters of a representative authorized to receive drawings and any such thing given to the said representatives or delivered at the Contractor's office at the site of work in his or her absence shall be deemed to have been given to the Contractor.

6-03. Attention to Work. The Contractor shall give his or her personal attention to and shall supervise the work to the end that it shall be prosecuted faithfully and when he or she is not personally present on the work, he or she shall at all reasonable times be represented by a competent superintendent or foreman who shall receive and obey all instructions or orders given under this contract and who shall have full authority to execute the same and to supply materials, tools and labor without delay and who shall be the legal representative of the Contractor. The Contractor shall be liable for the faithful observance of any instructions delivered to him or her or to his or her authorized representative.

6-04. Liability of Contractor. The Contractor shall do all of the work and furnish all labor, materials, tools and appliances, except as otherwise herein expressly stipulated, necessary or proper for performing and completing the work herein required in the manner and within the time herein specified. The mention of any specific duty or liability imposed

upon the Contractor shall not be construed as a limitation or restriction of any general liability or duty imposed upon the Contractor by this contract, said reference to any specific duty or liability being made herein merely for the purpose of explanation.

The right of general supervision by the City shall not make the Contractor an agent of the City and the liability of the Contractor for all damages to persons or to public or private property, arising from the Contractor's execution of the work, shall not be lessened because of such general supervision.

Until the completion and final acceptance by the City of all the work under and implied by this contract, the work shall be under the Contractor's responsible care and charge. The Contractor shall rebuild, repair, restore and make good all injuries, damages, re-erections and repairs, occasioned or rendered necessary by causes of any nature whatsoever, excepting only acts of God and none other, to all or any portions of the work, except as otherwise stipulated.

To the fullest extent permitted by law, Contractor shall indemnify and hold harmless the City and its officers, directors, agents and employees from and against all claims, damages, losses and expenses including but not limited to attorneys' fees, costs of suit, expert witness fees and expenses and fees and costs of any necessary private investigators arising out of or resulting from the performance of the work, provided that any such claim, damage, loss or expense (1) is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property, other than the work itself, including the loss of use resulting therefrom and (2) is caused in whole or in part by any act or omission of the Contractor, any subcontractor, or anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder, or by the negligence or omission of a party indemnified herein.

In any and all claims against the City or any of its agents or employees by any employee of the Contractor, any subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, the indemnification obligation shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the Contractor or any subcontractor under workers' or workmen's compensation acts, disability benefit acts, or other employee benefit acts. The obligation to indemnify shall extend to and include acts of the indemnified party which may be negligent or omissions which may cause negligence.

The City shall have the right to estimate the amount of such damage and to cause the City to pay the same and the amount so paid for such damage shall be deducted from the money due the Contractor under this contract; or the whole or so much of the money due or to become due the Contractor under this contract as may be considered necessary by the City, shall be retained by the City until such suits or claims for damages shall have been settled or otherwise disposed of and satisfactory evidence to that effect furnished to the City.

6-05. Protection of Persons and Property. The Contractor shall furnish such watchman, guards, fences, warning signs, walks and lights as shall be necessary and shall take all other necessary precautions to prevent damage or injury to persons or property.

All property line fences and improvements in the vicinity of the work shall be protected by the Contractor and, if they are injured or destroyed, they and any other property injured by the Contractor, his or her employees or agents, shall be restored to a condition as good as when he or she entered upon the work.

6-06. Protection of City Against Patent Claims. All fees, royalties or claims for any patented invention, article or method that may be used upon or in any manner connected with the work under this contract shall be included in the price bid for the work and the Contractor and his or her sureties shall protect and hold the City, together with all of its officers, agents, servants and employees, harmless against any and all demands made for such fees or claims brought or made on account of this contract. The Contractor shall, if requested by the Engineer, furnish acceptable proof of a proper release from all such fees or classes.

Should the Contractor, his or her agents, servants or employees, or any of them be enjoined from furnishing or using any invention, article, material or appliance supplied or required to be supplied or used under this contract, the Contractor shall promptly substitute other articles, materials or appliance, in lieu thereof, of equal efficiency, quality, finish, suitability and market value and satisfactory in all respects to the Engineer. Or, in the event that the Engineer elects, in lieu of such substitution, to have supplied and to retain and use, any such invention, article, material or appliance, as may by this contract be required to be supplied, in that event the Contractor shall pay such royalties and secure such valid licenses as may be requisite and necessary for the City, its officers, agents, servants and employees, or any of them, to use such invention, article, material or appliance without being disturbed or in any way interfered with by any proceeding in law or

equity on account thereof. Should the Contractor neglect or refuse to make the substitution promptly, or to pay such royalties and secure such licenses as may be necessary, then in that event the Engineer shall have the right to make such substitution, or the City may pay such royalties and secure such licenses and charge the cost thereof against any money due to the Contractor from the City or recover the amount thereof from him or her and his or her sureties notwithstanding final payment under this contract may have been made.

6-07. Protection of Contractor's Work Property. The Contractor shall protect his or her work, supplies and materials from damage due to the nature of the work, the action of the elements, trespassers, or any cause whatsoever under his or her control, until the completion and acceptance of the work. Neither the City nor any of its agents assumes any responsibility for collecting indemnity from any person or persons causing damage to the work of the Contractor.

6-08. Regulations and Permits. The Contractor shall secure and pay for all permits, give all notices and comply with all laws, ordinances, rules and regulations bearing on the conduct of the work as drawn and specified. If the Contractor observes that the Plans and Special Provisions are at variance therewith, he or she shall promptly notify the Engineer in writing and any necessary changes shall be adjusted as provided in the contract for changes in the work. The contractor and any subcontractors shall each secure and maintain a valid City of Ukiah Business License. The City of Ukiah will issue a no fee encroachment permit to the Contractor allowing him or her to perform work within City right of way or within City property after the Contract Documents have been executed and insurance certificates and endorsements have been approved by the City.

6-09. Construction Utilities. The Contractor shall be responsible for providing for and in behalf of his or her work under this contract, all necessary utilities, such as special connection to water supply, telephones, power lines, fences, roads, watchmen, suitable storage places, etc.

6-10. Approval of Contractor's Plans. The approval by the Engineer of any drawing or any method of work proposed by the Contractor in accordance with paragraph 8-06 shall not relieve the Contractor of any of his or her responsibility for his or her errors therein and shall not be regarded as any assumption of risk or liability by the City or any officer or employee thereof and the Contractor shall have no claim under this contract on account of the failure or partial failure or inefficiency of any plan or method so approved. Such approval shall be considered to mean merely that the Engineer has no objection to the Contractor's using, upon his or her own full responsibility the plan or method approved.

6-11. Suggestions to the Contractor. Any plan or method of work suggested by the Engineer to the Contractor, but not specified or required, if adopted or followed by the Contractor in whole or in part, shall be used at the risk and responsibility of the Contractor; and the Engineer and the City shall assume no responsibility thereof.

6-12. Termination of Unsatisfactory Subcontracts. Should any subcontractor fail to perform in a satisfactory manner the work undertaken by him, such subcontract shall be terminated immediately by the Contractor upon notice from the Engineer.

6-13. Preservation of Stakes and Marks. The Contractor shall preserve carefully bench marks, reference points and stakes and in case of destruction he or she shall replace his or her stakes, reference points and bench marks and shall be responsible for any mistakes that may be caused by their unnecessary loss or disturbance. Contractor's attention is directed to Section 7-03 of these Special Provisions.

6-14. Assistance to Engineer. At the request of the Engineer the Contractor shall provide men from his or her force and tools, stakes and other materials to assist the Engineer temporarily in making measurements and surveys and in establishing temporary or permanent reference marks. Payment for such materials and assistance will be made as provided for under the caption "Extra Work," provided, however, that the cost of setting stakes and marks carelessly lost or destroyed by the Contractor's employees will be assessed to the Contractor.

6-15. Removal of Condemned Materials and Structures. The Contractor shall remove from the site of the work, without delay, all rejected and condemned materials or structures of any kind brought to or incorporated in the work and upon his or her failure to do so, or to make satisfactory progress in so doing, within forty-eight (48) hours after the service of a written notice from the Engineer, the condemned material or work may be removed by the City and the cost of such removal shall be taken out of the money that may be due or may become due the Contractor on account of or by virtue of this contract. No such rejected or condemned material shall again be offered for use by the Contractor under this Contract.

6-16. Proof of Compliance with Contract. In order that the Engineer may determine whether the Contractor has complied with the requirements of this contract, not readily enforceable through inspection and tests of the work and materials, the Contractor shall, at any time when requested, submit to the Engineer properly authenticated documents or other satisfactory proofs as to his or her compliance with such requirements.

6-17. Errors and Omissions. If the Contractor, in the course of the work, finds any errors or omissions in plans or in the layout as given by survey points and instruction, or if he or she finds any discrepancy between the plans and the physical conditions of the locality, he or she shall immediately inform the Engineer, in writing and the Engineer shall promptly verify the same. Any work done after such discovery, until authorized, will be done at the Contractor's risk.

6-18. Cooperation. The Contractor shall cooperate with all other contractors who may be performing work in behalf of the City and workmen who may be employed by the City on any work in the vicinity of the work to be done under this contract with the work of such contractors or workmen. he or she shall make good promptly, at his or her own expense, any injury or damage that may be sustained by other contractors or employees of the City at his or her hands.

Any difference or conflict which may arise between the Contractor and other contractors, or between the contractor and workmen of the City in regard to their work shall be adjusted and determined by the Engineer. If the work of the Contractor is delayed because of any acts or omissions of any other contractor or of the City, the Contractor shall on that account have no claim against the City other than for an extension of time.

6-19. Right of Contractor to Stop Work. Under the following conditions the Contractor shall have the right, if he or she so desires, to stop the work and terminate the contract upon ten (10) days written notice to the Engineer and recover from the City payment for all work actually performed and for all satisfactory materials actually delivered to the site of the work for permanent incorporation therein, all as may be shown by the estimate of the Engineer.

- (1) If the work is stopped under an order of any court or other competent public authority for a period of time of three (3) months through no act or fault of the Contractor or of anyone employed by him.
- (2) If the Engineer fails to issue the monthly certificate for payment in accordance with the terms of this contract.
- (3) If the City fails to pay the Contractor within sixty (60) days after it shall have become due, as provided by the terms of this contract, any sum certified by the Engineer or awarded by the City.

All provided that if such action to terminate the contract be not instituted by the Contractor within ten (10) days after the alleged existence of such condition and if written notice of such action be not at that time delivered to the City and the Engineer, then such right shall lapse until another occasion arises according to this section.

6-20. Hiring and Dismissal of Employees. The Contractor shall employ only such foremen, mechanics and laborers as are competent and skilled in their respective lines of work and whenever the Engineer shall notify the Contractor that any person on the work is, in his or her opinion, incompetent, unfaithful, intemperate or disorderly, or refuses to carry out the provisions of this contract, or uses threatening or abusive language to any person on the work representing the City, or is otherwise unsatisfactory, such person shall be discharged immediately from the work and shall not be re-employed upon it except with the consent of the Engineer.

6-21. Wage Rates.

1. Contractor shall pay all mechanics and laborers employed or working upon the site of the work unconditionally and without subsequent deductions or rebate on any account the full amounts due at the time of payment at wage rates not less than those contained in the applicable prevailing wage determination, regardless of any contractual relationship which may be alleged to exist between the Contractor and subcontractors and such laborers and mechanics.
2. Contractor shall comply with the California Labor Code Section 1775. In accordance with said Section 1775, Contractor shall forfeit as a penalty to the Owner, \$50.00 (or the higher minimum penalty as provided in Section 1775(B)(ii) – (iii)) for each calendar day or portion thereof, for each workman paid less than the stipulated prevailing rates for such work or craft in which such workman is employed for any work done under the Contract by him or her or by any subcontractor under him or her in violation of the provisions of the Labor Code and in particular, Labor Code Sections 1770 to 1780, inclusive. In addition to said penalty and pursuant to Section

1775, the difference between such stipulated prevailing wage rates and the amount paid to each workman for each calendar day or portion thereof for which each workman was paid less than the stipulated prevailing wage rate shall be paid to each workman by the Contractor.

3. Pursuant to the provision of Section 1770 of the Labor Code of the State of California, Owner has ascertained the general prevailing rate of wages (which rate includes employer payments for health and welfare, vacation, pension and similar purposes) applicable to the work to be done, for straight time work. The holiday wage rate listed shall be applicable to all holidays recognized in the collective bargaining agreement of the particular craft, classification or type of workmen concerned. Copies of the General Prevailing Wage Determination are available on the Internet at web address: <http://www.dir.ca.gov/DLSR/PWD> The Contractor shall post the wage determination at the site of work in a prominent place where it can easily be seen by the workers.
4. City will not recognize any claim for additional compensation because the Contractor has paid any rate in excess of the prevailing wage rate obtained by the Contractor. The possibility of wage increases is one of the elements to be considered by the Contractor in determining his or her bid and will not in any circumstances be considered as the basis for a claim against the City.
5. The Labor Commissioner through the Division of Labor Standards Enforcement (DLSE) may at any time require contractors and subcontractors to furnish electronic certified payroll records directly to DLSE. Commencing with contracts awarded or after April 1, 2015, all contractors and subcontractors must furnish electronic certified payroll records directly to the DLSE.
6. Travel and Subsistence Payments.

Contractor shall make travel and subsistence payments to each workman needed to execute the work in accordance with the requirements in Section 1773.8 of the Labor Code (Chapter 880, Statutes of 1968).

7. Apprentices.

Attention is directed to the provisions in Sections 1777.5 (Chapter 1411, Statutes of 1968) and 1777.6 of the California Labor Code concerning the employment of apprentices by the Contractor or any subcontractor under him. Contractor and any subcontractor under him or her shall comply with the requirements of said sections in the employment of apprentices.

Information relative to apprenticeship standards, wage schedules and other requirements may be obtained from the Director of Industrial Relations, ex officio the Administrator of Apprenticeship, San Francisco, California, or from the Division of Apprenticeship Standards and its branch offices.

6-22. Cleaning Up. The Contractor shall not allow the site of the work to become littered with trash and waste material, but shall maintain the same in a neat and orderly condition throughout the construction period. The Engineer shall have the right to determine what is or is not waste material or rubbish and the place and manner of disposal.

On or before the completion of the work, the Contractor shall without charge therefore carefully clean out all pits, pipes, chambers or conduits and shall tear down and remove all temporary structures built by him or her and shall remove rubbish of all kind from any of the grounds which he or she has occupied and leave them in first class condition.

6-23. Guaranty. All work shall be guarantied for a period of one year from the date of acceptance by the City. The Contractor shall promptly make all needed repairs arising out of defective materials, workmanship and equipment.

The City is hereby authorized to make such repairs if within ten days after the mailing of a notice in writing to the Contractor or his or her agent, the Contractor shall neglect to make or undertake with due diligence the aforesaid repairs, provided, however, that in case of an emergency where, in the opinion of the City delay would cause serious loss or damage, repairs may be made without notice being sent to the Contractor and the Contractor shall pay the costs thereof.

Pursuant to the provisions of Section 4-03 of these Special Provisions, the Contractor shall furnish a Defective Material and Workmanship Bond in an amount not less than 5 percent of the final contract price, which shall be effective for a period of one (1) year after the completion and acceptance of the work.

6-24. Public Notification. The contractor shall be responsible for all public notification regarding construction work within the subject intersection, including detours, lane and street closures, hours of operations, and notification of effected commercial businesses within 1000 feet of the construction. For any business impacted by construction, the contractor shall provide adequate sized on-site signage indicating that businesses are open during construction for pedestrian traffic. The contractor shall prepare public noticing via the newspaper, radio announcements, notification of the emergency vehicle agencies, public transit, school buses, County of Mendocino offices, the high school, junior high school, elementary schools effected by potential detours and street closures, with recommended alternate routes of travel. Through street access from will be restricted to businesses and residents only during construction days. All proposed detours, closures and traffic control methods shall be submitted to the Engineer for approval prior to noticing the public. All public noticing shall be performed a minimum of one week prior to instituting traffic control, and lane or street closures.

The tentative construction schedule shall be included in the public noticing, and the use of temporary traffic signalization of the intersection shall be noted All road closures, detour routes, and traffic control including temporary lane closure plans shall be submitted by the Contractor to the City Engineer for approval prior to public noticing and use.

SECTION 7. RESPONSIBILITIES AND RIGHTS OF CITY

7-01. Authority of the Engineer. All work done under this contract shall be done in a workmanlike manner and shall be performed to the reasonable satisfaction of the Engineer, who shall have general supervision of all work included hereunder. To prevent disputes and litigation, the Engineer (1) shall in all cases determine the amount, quality, acceptability and fitness of the several kinds of work and materials which are to be paid for under this contract, (2) shall decide all questions relative to the true construction, meaning and intent of the Special Provisions and Drawings, (3) shall decide all questions which may arise relative to the classifications and measurements of quantities and materials and the fulfillment of this contract and (4) shall have the power to reject or condemn all work or material which does not conform to the terms of this contract. his or her estimate and decision in all matters shall be a condition precedent to an appeal for arbitration, or the right of the Contractor to receive, demand, or claim any money or other compensation under this agreement and a condition precedent to any liability on the part of the City to the Contractor on account of this contract. Whenever the Engineer shall be unable to act, in consequence of absence or other cause, then such engineer as the Engineer or the City shall designate, shall perform any and all of the duties and be vested with any or all of the powers herein given to the Engineer.

7-02. Inspection. The City will provide engineering personnel for the inspection of the work.

The Engineer and his or her representatives shall at all times have access to the work whenever it is in preparation or progress and the Contractor shall provide proper facilities for such access and inspection.

If the Special Provisions, the Engineer's instruction, laws, ordinances, or any public authority require any work to be specially tested or approved, the Contractor shall give the Engineer timely notice of its readiness for inspection and, if the inspection is by an authority other than the Engineer, of the date fixed for such inspection. Inspections by the Engineer shall be promptly made at the source of supply where practicable. If any work shall be covered up without approval or consent of the Engineer, it must, if required by the Engineer, be uncovered for examination and properly restored at the Contractor's expense.

Re-examination of any work may be ordered by the Engineer and, if so ordered, the work must be uncovered by the Contractor. If such work is found to be in accordance with the contract documents, the City shall pay the cost of re-examination and replacement. If such work is not in accordance with the contract documents, the Contractor shall pay such cost.

Properly authorized and accredited inspectors shall be considered to be the representatives of the City limited to the duties and powers entrusted to them. It will be their duty to inspect materials and workmanship of those portions of the work to which they are assigned, either individually or collectively, under instructions of the Engineer and to report any and all deviations from the Drawings, Special Provisions and other contract provisions which may come to their notice. Any inspector may be considered to have the right to order the work entrusted to his or her supervision stopped, if in his or her opinion such action becomes necessary, until the Engineer is notified and has determined and ordered that the work may proceed in due fulfillment of all contract requirements.

7-03. Surveys. Contractor shall furnish all land surveys, establish all base lines and bench marks and make sufficient detailed surveys needed for working points, lines and elevations. The Contractor shall develop all slope stakes and batter boards. Contractor shall also develop all additional working points, lines and elevations as he or she may desire to facilitate his or her methods and sequence of construction.

7-04. Rights-of-Way. The City will provide all necessary rights-of-way and easements in or beneath which work will be performed by the Contractor under this contract.

7-05. Retention of Imperfect Work. If any portion of the work done or material furnished under this contract shall prove defective and not in accordance with the Plans and Special Provisions, and if the imperfection in the same shall not be of sufficient magnitude or importance to make the work dangerous or undesirable, the Engineer shall have the right and authority to retain such work instead of requiring the imperfect work to be removed and reconstructed, but he or she shall make such deductions therefor in the payments due or to become due the Contractor as may be just and reasonable.

7-06. Changes in the Work. The Engineer shall have the right, in writing, to order additions to, omissions from, or corrections, alterations and modifications in the line, grade, form, dimensions, plan, or kind or amount of work or materials herein contemplated, or any part thereof, either before or after the beginning of construction. However, the arithmetical sum of the cost to the City of additions and subtractions from the work under this contract shall not exceed 10 percent of original contract amount or \$5,000, whichever is the greater, unless based upon a supplementary agreement to be made therefore.

The order of such additions, omissions, corrections, alterations and modifications shall be in writing and signed by the Engineer and, in order, shall then be binding upon the Contractor. The Contractor shall proceed with the work as changed and the value of such change shall be determined as provided for in section 10-07 of these Special Provisions.

Such alterations shall in no way affect, vitiate, or make void this contract or any part thereof, except that which is necessarily affected by such alterations and is clearly the evident intention of the parties to this contract.

7-07. Additional Drawings by City. The drawings made a part of this contract at the time of its execution are intended to be fairly comprehensive and to indicate in more or less detail the scope of the work. In addition to these drawings, however, the Engineer shall furnish such additional drawings from time to time during the progress of the work as are necessary to make clear or to define in greater detail the intent of the Special Provisions and the contract drawings and the Contractor shall make his or her work conform to all such drawings.

7-08. Additional and Emergency Protection. Whenever, in the opinion of the Engineer, the Contractor has not taken sufficient precautions for the safety of the public or the protection of the works to be constructed under this contract, or of adjacent structures or property which may be injured by the processes of construction on account of such neglect and whenever, in the opinion of the Engineer, an emergency shall arise and immediate action shall be considered necessary in order to protect public or private, personal or property interest, then and in that event, the Engineer, with or without notice to the Contractor may provide suitable protection to the said interests by causing such work to be done and such material to be furnished as shall provide such protection as the Engineer may consider necessary and adequate.

The cost and expense of such work and material so furnished shall be borne by the Contractor and, if the same shall not be paid on presentation of the bills therefor, then such costs shall be deducted from any amounts due or to become due the Contractor.

The performance of such emergency work under the direction of the Engineer shall in no way relieve the Contractor from any damages which may occur during or after such precaution has been taken by the Engineer.

7-09. Suspension of Work. The City may at any time suspend the work or any part thereof by giving five (5) days written notice to the Contractor. The work shall be resumed by the Contractor within ten (10) days after the date fixed in the written notice from the City to the Contractor so to do. The City shall reimburse the Contractor for expense incurred by the Contractor in connection with the work under this contract as a result of such suspension.

If the work, or any part thereof, shall be stopped by the notice in writing aforesaid and if the City does not give notice in writing to the Contractor to resume work at a date within ten (10) days of the date fixed in the written notice to suspend, then the Contractor may abandon that portion of the work so suspended and he or she will be entitled to the estimates

and payments for all work done on the portions so abandoned, if any, plus 5 percent of the value of the work so abandoned, to compensate for loss of overhead, plant expense and anticipated profit.

7-10. Right of City to Terminate Contract. If the Contractor should be adjudged a bankrupt, or if he or she should make a general assignment for the benefit of his or her creditors, or if a receiver should be appointed on account of his or her insolvency, or if he or she should persistently or repeatedly refuse or should fail, except in cases for which extension of time is provided, to supply sufficient properly skilled workmen or proper materials, or if he or she should fail to make prompt payments to subcontractors or for material or labor, or persistently disregard laws, ordinances or the instructions of the Engineer, or otherwise be guilty of a substantial violation of any provision of the contract, then the City, upon the certificate of the Engineer that sufficient cause exists to justify such action, may, without prejudice to any other right or remedy and after giving the Contractor seven days written notice, terminate the employment of the Contractor and take possession of the premises and of all materials, tools and appliances and finish the work by whatever method the City may deem expedient. In such case, the Contractor shall not be entitled to receive any further payment until the work is finished. If the unpaid balance of the contract price shall exceed the expense of finishing the work, including compensation for additional managerial and administrative services, such excess shall be paid to the Contractor. If such expense shall exceed such unpaid balance, the Contractor shall pay the difference to the City. The expense incurred by the City as herein provided and the damage incurred through the Contractor's default, shall be certified by the Engineer.

7-11. Use of Completed Portions. The City shall have the right to take possession of and use any completed or partially completed portions of the work, notwithstanding the time for completing the entire work or such portions which may not have expired; but such taking possession and using shall not be deemed an acceptance of any work not completed in accordance with the contract documents. If such prior use increases the cost of or delays the work, the Contractor shall be entitled to such extra compensation, or extension of time or both, as the Engineer may determine.

SECTION 8. WORKMANSHIP, MATERIALS and EQUIPMENT

8-01. General Quality. Materials and equipment shall be new and of a quality equal to that specified or approved. Work shall be done and completed in a thorough and workmanlike manner.

8-02. Quality in Absence of Detailed Specifications. Whenever under this contract it is provided that the Contractor shall furnish materials or manufactured articles or shall do work for which no detailed specifications are set forth, the materials or manufactured articles shall be of the best grade in quality and workmanship obtainable in the market from firms of established good reputation, or, if not ordinarily carried in stock, shall conform to the usual standards for first-class materials or articles of the kind required, with due consideration of the use to which they are to be put. In general, the work performed shall be in full conformity and harmony with the intent to secure the best standard of construction and equipment of the work as a whole or in part.

8-03. Materials and Equipment Specified by Name. Whenever any material or equipment is indicated or specified by patent or proprietary name or by the name of the manufacturer, such specification shall be considered as used for the purpose of describing the material or equipment desired and shall be considered as followed by the words "or approved equal". The Contractor may offer any material or equipment which shall be equal in every respect to that specified, provided that written approval first is obtained from the Engineer.

8-04. Source of Materials. Price, fitness and quality being equal, preference shall be given by the Contractor for supplies grown, manufactured or produced in the State of California and, next, for such products partially produced in this State in accordance with Government Code Section 4332.

8-05. Storage of Materials. Materials shall be so stored to ensure the preservation of their quality and fitness for the work. They shall be so located and disposed that prompt and proper inspection thereof may be made.

8-06. Drawings, Samples and Tests. As soon as possible after execution of the contract, the Contractor shall submit to the Engineer, in quintuplicate, sufficient information including, if necessary, assembly and detail drawings to demonstrate fully that the equipment and materials to be furnished comply with the provisions and intent of these Special Provisions and Drawings. If the information thus submitted indicates the equipment or materials is acceptable, the Engineer will return one copy stamped with his or her approval; otherwise, one copy will be returned with an explanation of why the equipment or material is unsatisfactory. The Contractor shall have no claims for damages or for extension of time on account of any delay due to the revision of drawings or rejection of material. Fabrication or other work performed

in advance of approval shall be done entirely at the Contractor's risk. After approval of equipment or material, the Contractor shall not deviate in any way from the design and specifications given without the written consent of the Engineer.

When requested by the Engineer, a sample or test specimens of the materials to be used or offered for use in connection with the work shall be prepared at the expense of the Contractor and furnished by him or her in such quantities and sizes as may be required for proper examination and tests, with all freight charges prepaid and with information as to their sources.

All samples shall be submitted before shipment and in ample time to permit the making of proper tests, analyses, or examination before the time at which it is desired to incorporate the material into the work. All tests of materials furnished by the Contractor shall be made by the Engineer. Samples shall be secured and tested whenever necessary to determine the quality of the material.

SECTION 9. PROSECUTION OF WORK

9-01. Equipment and Methods. The work under this contract shall be prosecuted with all materials, tools, machinery, apparatus and labor and by such methods as are necessary to the complete execution of everything described, shown, or reasonably implied. If at any time before the beginning or during the progress of the work, any part of the Contractor's plant or equipment, or any of his or her methods of execution of the work, appear to the Engineer to be unsafe, inefficient, or inadequate to insure the required quality or the rate of progress of the work, he or she may order the Contractor to increase or improve his or her facilities or methods and the Contractor shall comply promptly with such orders; but, neither compliance with such orders nor failure of the Engineer to issue such orders shall relieve the Contractor from his or her obligation to secure the degree of safety, the quality of the work and the rate of progress required of the Contractor. The Contractor alone shall be responsible for the safety, adequacy and efficiency of his or her plant, equipment and methods.

9-02. Time of Completion. The Contractor shall promptly begin the work under this contract and shall complete and make ready for full use all portions of the project made the subject of this contract within the time set forth in the agreement bound herewith.

9-03. Avoidable Delays. Avoidable delays in the prosecution or completion of the work shall include all delays which might have been avoided by the exercise of care, prudence, foresight and diligence on the part of the Contractor. The City will consider as avoidable delays within the meaning of this contract (1) delays in the prosecution of parts of the work, which may in themselves be unavoidable, but do not necessarily prevent or delay the prosecution of other parts of the work nor the completion of the whole work within the time herein specified, (2) reasonable loss of time resulting from the necessity of submitting plans to the Engineer for approval and from the making of surveys, measurements, inspections, and testing and (3) such interruptions as may occur in the prosecution of the work on account of the reasonable interference of other contractors employed by the City which do not necessarily prevent the completion of the whole work within the time herein specified.

9-04. Unavoidable Delays. Unavoidable delays in the prosecution or completion of the work under this contract shall include all delays which may result, through cause beyond the control of the Contractor and which he or she could not have provided against by the exercise of care, prudence, foresight and diligence. Orders issued by the City changing the amount of work to be done, the quantity of material to be furnished or the manner in which the work is to be prosecuted and unforeseen delays in the completion of the work of other contractors under contract with the City will be considered unavoidable delays, so far as they necessarily interfere with the Contractor's completion of the whole of the work. Delays due to normally adverse weather conditions will not be regarded as unavoidable delays. However, truly abnormal amounts of rainfall, temperatures or other weather conditions for the location of the work and time of year may be considered as unavoidable delays if those conditions necessarily cause a delay in the completion of the work.

9-05. Notice of Delays. Whenever the Contractor foresees any delay in the prosecution of the work and, in any event, immediately upon the occurrence of any delay which the contractor regards as an unavoidable delay, he or she shall notify the Engineer in writing of the probability of the occurrence of such delay and its cause, in order that the Engineer may take immediate steps to prevent, if possible, the occurrence or continuance of the delay, or, if this cannot be done, may determine whether the delay is to be considered avoidable or unavoidable, how long it continues and to what extent the prosecution and completion of the work are to be delayed thereby.

9-06. Extension of Time. Should any delays occur which the Engineer may consider unavoidable, as herein defined, the Contractor shall, pursuant to his or her application, be allowed an extension of time proportional to said delay or delays, beyond the time herein set forth, in which to complete this contract; and liquidated damages for delay shall not be charged against the Contractor by the City during an extension of time granted because of unavoidable delay or delays.

Any claim by Contractor for a time extension based on unavoidable delays shall be based on written notice delivered to the Engineer within 15 days of the occurrence of the event giving rise to the claim. Failure to file said written notice within the time specified shall constitute a waiver of said claim. Notice of the full extent of the claim and all supporting data must be delivered to the Engineer within 45 days of the occurrence unless the Engineer specifies in writing a longer period. All claims for a time extension must be approved by the Engineer and incorporated into a written change order.

9-07. Unfavorable Weather and Other Conditions. During unfavorable weather and other conditions, the Contractor shall pursue only such portions of the work as shall not be damaged thereby. No portions of the work whose satisfactory quality or efficiency will be affected by any unfavorable conditions shall be constructed while these conditions remain, unless, by special means or precautions approved by the Engineer, the Contractor shall be able to overcome them.

The Contractor shall be granted a time extension of one day for each unfavorable weather day which prevents him or her from placing concrete forms or placing and finishing concrete or asphalt concrete. Such unfavorable weather day is defined as a rain day where precipitation prevents the contractor from performing the work more than four (4) continuous hours within the authorized work period or a temperature day where the ambient temperature is below that specified for the placement of materials associated with the controlling work item for more than four (4) continuous work hours of the authorized work period.

9-08. Saturday, Sunday, Holiday and Night Work. No work shall be done between the hours of 6 p.m. and 7 a.m., nor on Saturdays, Sundays or legal holidays except such work as is necessary for the proper care and protection of work already performed, or except in cases of absolute necessity and in any case only with the permission of the Engineer.

It is understood, however, that night work may be established as a regular procedure by the Contractor if he or she first obtains the written permission of the Engineer and that such permission may be revoked at any time by the Engineer if the Contractor fails to maintain at night adequate force and equipment for reasonable prosecution and to justify inspection of the work.

9-09. Hours of Labor. Eight (8) hours of labor shall constitute a legal day's work and the Contractor or any subcontractor shall not require or permit more than eight hours of labor in a day from any person employed by him or her in the performance of the work under this contract, unless paying compensation for all hours worked in excess of eight (8) hours per day at not less than 1½ times the basic rate of pay. The Contractor shall forfeit to the City, as a penalty, the sum of twenty-five dollars (\$25.00) for each workman employed in the execution of the contract by him or her or by any subcontractor, for each calendar day during which such laborer, workman, or mechanic is required or permitted to labor more than eight hours in violation of the provisions of Section 1810 to 1816, inclusive, (Article 3, Chapter 1, Part 7, Division 2) of the Labor Code of the State of California and any acts amendatory thereof.

SECTION 10. PAYMENT

10-01. Certification by Engineer. All payments under this contract shall be made upon the presentation of certificates in writing from the Engineer and shall show that the work covered by the payments has been done and the payments thereof are due in accordance with this contract.

10-02. Progress Estimates and Payment. The Engineer shall, within the first seven (7) days of each month, make an estimate of the value of the work performed in accordance with this contract during the previous calendar month.

The first estimate shall be of the value of the work satisfactorily completed in place and meeting the requirements of the contract. And every subsequent estimate, except the final estimate, shall be of the value of the work satisfactorily completed in place since the last preceding estimate was made; provided, however, that should the Contractor fail to adhere to the program of completion fixed in this contract, the Engineer shall deduct from the next and all subsequent estimates the full calculated accruing amount of the liquidated damages to the date of said estimate, until such time as the compliance with the program has been restored.

The estimate shall be signed by the Engineer and, after approval, the City shall pay or cause to be paid to the Contractor in the manner provided by law, an amount equal to 95 percent of the estimated value of the work satisfactorily performed and complete in place.

10-03. Substitution of Securities.

1. At such times that Public Contract Code Section 22300 is in effect Contractor may propose the substitution of securities of at least equal market value for any moneys to be withheld to ensure performance under the Contract. Market value shall be determined as of the day prior to the date such substitution is to take place. Such substitution shall be made at the request and expense of the Contractor. The securities shall be one or more of the following types:

- (a) Bonds or interest-bearing notes or obligations of the United States, or those for which the faith and credit of the United States are pledged for the payment of principal and interest.
- (b) Bonds or interest-bearing notes on obligations that are guaranteed as to principal and interest by a federal agency of the United States.
- (c) Bonds of the State of California, or those for which the faith and credit of the State of California are pledged for the payment of principal and interest.
- (d) Bonds or warrants, including, but not limited to, revenue warrants, of any county, city, metropolitan water district, California water district, California water storage district, irrigation district in the State of California, municipal utility district, or school district of the State of California, which are rated by Moody's or Standard and Poor as A or better.
- (e) Bonds, consolidated bonds, collateral trust debentures, consolidated debentures, or other obligations issued by federal land banks or federal intermediate credit banks established under the Federal Farm Loan Act, as amended; debentures and consolidated debentures issued by the Central Bank for Cooperatives and banks for cooperatives established under the Farm Credit Act of 1933, as amended; bonds, or debentures of the Federal Home Loan Bank Board established under the Federal Home Loan Bank Act; and stock, bonds, debentures and other obligations of the Federal National Mortgage Association established under the National Housing Act as amended and bonds of any Federal Home Loan Mortgage Corporation.
- (f) Commercial paper of "prime" quality as defined by a nationally recognized organization which rates such securities. Eligible paper is further limited to issuing corporations: (1) organized and operating within the United States; (2) having total assets in excess of five hundred million dollars (\$500,000,000); and (3) approved by the Pooled Money Investment Board of the State of California. Purchases of eligible commercial paper may not exceed 180 days' maturity, nor represent more than 10 percent of the outstanding paper of an issuing corporation.
- (g) Bills of exchange or time drafts on and accepted by a commercial bank, otherwise known as bankers acceptances, which are eligible for purchase by the Federal Reserve System.
- (h) Certificates of deposits issued by a nationally or state-chartered bank or savings and loan association.
- (i) The portion of bank loans and obligations guaranteed by the United States Small Business Administration or the United States Farmers Home Administration.
- (j) Student loan notes insured under the Guaranteed Student Loan Program established pursuant to the Higher Education Act of 1965, as amended (20 U.S.C. 1001, et seq.) and eligible for resale to the Student Loan Marketing Association established pursuant to Section 133 of the Education Amendments of 1972, as amended (20 U.S.C. 1087-2).
- (k) Obligations issued, assumed or guaranteed by International Bank for Reconstruction and Development, the Inter-American Development Bank, the Asian Development Bank, or the Government Development Bank of Puerto Rico.
- (l) Bonds, debentures and notes issued by corporations organized and operating within the United States. Such securities eligible for substitution shall be within the top three ratings of a nationally recognized rating service.

2. The securities shall be deposited with City or with any commercial bank as escrow agent, who shall arrange for transfer of such securities to the Contractor upon satisfactory completion of the contract. Any interest accrued or paid on such securities shall belong to the Contractor and shall be paid upon satisfactory completion of the contract.

The market value of the securities deposited shall at all times be maintained in an amount at least equal, in the sole judgment of City, to the moneys to be withheld pursuant to the Contract Documents to ensure performance of the Contract. In order to comply with this condition, Contractor shall deposit additional securities as necessary upon request by City or the escrow agent.

3. Upon acceptance of any Proposal that includes substituting securities for amounts withheld to ensure performance, a separate escrow agreement satisfactory in form and substance to City shall be prepared and executed by City, the Contractor and the escrow agent, which may be City. The escrow agreement shall specify, among other matters, value of securities to be deposited; procedures for valuing the securities and for adding or withdrawing securities to maintain the market value of the deposited securities at least equal to the amount of moneys which would otherwise be withheld; the terms and conditions of conversion to cash in case of the default by the Contractor; and terms, conditions and procedure for termination of the escrow. City shall have no obligation to enter any such Agreement that does not provide the City with the unilateral right to convert securities to cash and to gain immediate possession of the cash.

10-04. Acceptance. The work must be accepted by vote of the City Council of the City of Ukiah when the whole shall have been completed satisfactorily. The Contractor shall notify the Engineer, in writing, of the completion of the work, whereupon the Engineer shall promptly, by personal inspection, satisfy himself as to the actual completion of the work in accordance with the terms of the contract and shall thereupon recommend acceptance by the City Council.

10-05. Final Estimate and Payment. The Engineer shall, as soon as practicable after the final acceptance of the work done under this contract, make a final estimate of the amount of work done thereunder and the value thereof.

Such final estimate shall be signed by the Engineer, and after approval, the City shall pay or cause to be paid to the Contractor, in the manner provided by law, the entire sum so found to be due hereunder, after deducting therefrom all previous payments and such other lawful amounts as the terms of this contract prescribe.

In no case will final payment be made in less than thirty-five (35) days after the filing of the notice of completion with the County Recorder.

10-06. Delay Payments. Should any payment due the Contractor or any estimate be delayed, through fault of the City beyond the time stipulated, such delay shall not constitute a breach of contract or be the basis for a claim for damages, but the City shall pay the Contractor interest on the amount of the payment at the rate of 6 percent per annum for the period of such delay. The terms for which interest will be paid shall be reckoned, in the case of any monthly or progress payment, from the twentieth day of the month next succeeding the month in which the work was performed to the date of payment of the estimate; and in the case of the final estimate, from the forty-fifth day after acceptance to the date of payment of the final estimate.

The date of payment of any estimate shall be considered the day on which the payment is offered or mailed as evidenced by the records of the Treasurer of the City. If interest shall become due on any delayed payment, the amount thereof, as determined by the City, shall be added to a succeeding payment. If the interest shall become due on the final payment, it shall be paid on a supplementary voucher to interest or any sum or sums which, by the terms of this contract, the City is authorized to reserve or retain.

10-07. Extra Work and Work Omitted. Whenever corrections, alterations, or modifications of the work under this contract ordered by the Engineer and approved by the City increase the amount of work to be done, such added work shall be known as "extra work"; and when such corrections, alterations, or modifications decrease the amount of work to be done, such subtracted work shall be known as "work omitted".

When the Contractor considers that any changes ordered involve extra work, he or she shall immediately notify the Engineer in writing and subsequently keep him or her informed as to when and where extra work is to be performed and shall make claim for compensation therefor each month not later than the first day of the month following that in which the work claimed to be extra work was performed and he or she shall submit a daily complete statement of materials and labor used and expenses incurred on account of extra work performed, showing allocation of all materials, labor and expenses.

All such claims shall state the date of the Engineer's written order and the date of approval by the City authorizing the work on account of which claim is made. Unless such notification is made in writing within the time specified and unless complete statements of materials used and expenses incurred on account of such extra work are furnished as above required, the Contractor shall not be entitled to payment on account of extra work and Contractor shall be deemed to have waived the right to make any future claims for compensation for such extra work.

When changes decrease the amount of work to be done, they shall not constitute a claim for damages on account of anticipated profits on the work that may be omitted.

10-08. Compensation for Extra Work or Work Omitted. Whenever corrections, additions, or modifications in the work under this contract change the amount of work to be done or the amount of compensation due the Contractor, excepting increases or decreases in contract items having unit contract prices for each measurable quantity installed in place, and such changes have been ordered in writing by the Engineer and approved by the City prior to the Contractor performing the extra work, then a price may be agreed upon. Failing such an agreement in price, the Contractor shall be compensated for performing extra work pursuant to the provisions of Section 4-1.03 D, "Extra Work", and Section 9-1.03, "Force Account Payment" of the Standard Specifications.

This method of determining the price of work shall not apply to the performance of any work which is required or reasonably implied to be performed or furnished under this contract.

10-09. Compensation to the City for Extension of Time. In case the work called for under this contract is not completed within the time limit stipulated herein, the City shall have the right as provided hereinabove, to extend the time of completion thereof. If the time limit be so extended, the City shall have the right to charge to the Contractor and to deduct from the final payment for the work the actual cost to the City of engineering, inspection, superintendence and other overhead expenses which are directly chargeable to the contract and which accrue during the period of such extension, except that the cost of final unavoidable delays shall not be included in such charges.

10-10. Liquidated Damages for Delay. It is agreed by the parties to the contract that time is of the essence and that, in case all the work is not completed before or upon the expiration of the time limit as set forth, damage, other than those cost items identified in section 10-09, will be sustained by the City and that it is and will be impracticable to determine the actual amount of damage by reason of such delay; and it is therefore agreed that the Contractor will pay to the City the sum of five hundred dollars (\$500.00) per day for each and every calendar day's delay beyond the time prescribed.

SECTION 11. MISCELLANEOUS

11-01. Notice. Whenever any provision of the contract documents requires the giving of written notice, it shall be deemed to have been validly given if delivered in person to the individual or to a member of the firm or to an officer of the corporation for whom it is intended, or if delivered at or sent by registered or certified mail, postage prepaid, to the last business address known to the giver of the notice. If mailed, the notice shall be deemed received on the date of delivery stated in the return receipt.

11-02. Computation of Time. When any period of time is referred to in the Contract Documents by days, it shall be computed to exclude the first and include the last day of such period. If the last day of any such period falls on a Saturday or Sunday or on a day made a legal holiday by the law of the applicable jurisdiction, such day shall be omitted from the computation.

11-03. Claims Procedure Required by Public Contract Code Section 9204. This section shall apply to any claim by the Contractor arising in connection with this project in accordance with Public Contract Code Section 9204.

a. For purposes of this section "Claim" means a separate demand by the Contractor sent by registered mail or certified mail with return receipt requested, for one or more of the following:

(A) A time extension, including, without limitation, for relief from damages or penalties for delay assessed by the City under this contract.

(B) Payment by the City of money or damages arising from work done by, or on behalf of, the Contractor pursuant to this contract and payment for which is not otherwise expressly provided or to which the Contractor is not otherwise entitled.

(C) Payment of an amount that is disputed by the City.

b.

(A) Upon receipt of a claim pursuant to this section, the City shall conduct a reasonable review of the claim and, within a period not to exceed 45 days, shall provide the Contractor a written statement identifying what portion of the claim is disputed and what portion is undisputed. Upon receipt of a claim, a public entity and the contractor may, by mutual agreement, extend the time period provided in this subdivision.

(B) The Contractor shall furnish reasonable documentation to support the claim.

(C) If the City needs approval from its governing body to provide the Contractor a written statement identifying the disputed portion and the undisputed portion of the claim, and the governing body does not meet within the 45 days or within the mutually agreed to extension of time following receipt of a claim sent by registered mail or certified mail, return receipt requested, the City shall have up to three days following the next duly publicly noticed meeting of the governing body after the 45-day period, or extension, expires to provide the claimant a written statement identifying the disputed portion and the undisputed portion.

(D) Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the City issues its written statement. If the City fails to issue a written statement, paragraph (3) shall apply.

(2)

(A) If the Contractor disputes the City's written response, or if the City fails to respond to a claim issued pursuant to this section within the time prescribed, the Contractor may demand in writing an informal conference to meet and confer for settlement of the issues in dispute. Upon receipt of a demand in writing sent by registered mail or certified mail, return receipt requested, the City shall schedule a meet and confer conference within 30 days for settlement of the dispute.

(B) Within 10 business days following the conclusion of the meet and confer conference, if the claim or any portion of the claim remains in dispute, the City shall provide the claimant a written statement identifying the portion of the claim that remains in dispute and the portion that is undisputed. Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the public entity issues its written statement. Any disputed portion of the claim, as identified by the contractor in writing, shall be submitted to nonbinding mediation, with the City and the Contractor sharing the associated costs equally. The City and Contractor shall mutually agree to a mediator within 10 business days after the disputed portion of the claim has been identified in writing. If the parties cannot agree upon a mediator, each party shall select a mediator and those mediators shall select a qualified neutral third party to mediate with regard to the disputed portion of the claim. Each party shall bear the fees and costs charged by its respective mediator in connection with the selection of the neutral mediator. If mediation is unsuccessful, the parts of the claim remaining in dispute shall be subject to applicable procedures outside this section.

(C) For purposes of this section, mediation includes any nonbinding process, including, but not limited to, neutral evaluation or a dispute review board, in which an independent third party or board assists the parties in dispute resolution through negotiation or by issuance of an evaluation. Any mediation utilized shall conform to the timeframes in this section.

(D) Unless otherwise agreed to in writing by the City and the Contractor, the mediation conducted pursuant to this section shall excuse any further obligation under Public Contract Code Section 20104.4 to mediate after litigation has been commenced.

(3) Failure by the City to respond to a claim from the Contractor within the time periods described in this subdivision or to otherwise meet the time requirements of this section shall result in the claim being deemed rejected in its entirety. A claim that is denied by reason of the public entity's failure to have responded to a claim, or its failure to otherwise meet the time requirements of this section, shall not constitute an adverse finding with regard to the merits of the claim or the responsibility or qualifications of the Contractor.

(4) Amounts not paid in a timely manner as required by this section shall bear interest at 7 percent per annum.

(5) If a subcontractor or a lower tier subcontractor lacks legal standing to assert a claim against a public entity because privity of contract does not exist, the Contractor may present to the public entity a claim on behalf of a subcontractor or lower tier subcontractor. A subcontractor may request in writing, either on his or her own behalf or on behalf of a lower tier subcontractor, that the Contractor present a claim for work which was performed by the subcontractor or by a lower tier subcontractor on behalf of the subcontractor. The subcontractor requesting that the claim be presented to the public entity shall furnish reasonable documentation to support the claim. Within 45 days of receipt of this written request, the Contractor shall notify the subcontractor in writing as to whether the Contractor presented the claim to the public entity and, if the original contractor did not present the claim, provide the subcontractor with a statement of the reasons for not having done so.

c. A waiver of the rights granted by this section is void and contrary to public policy, provided, however, that (1) upon receipt of a claim, the parties may mutually agree to waive, in writing, mediation and proceed directly to the commencement of a civil action or binding arbitration, as applicable; and (2) the City may prescribe reasonable change order, claim, and dispute resolution procedures and requirements in addition to the provisions of this section, so long as the contractual provisions do not conflict with or otherwise impair the timeframes and procedures set forth in this section.

11-04. Litigation and Forum Selection. Contractor and City stipulate and agree that any litigation relating to the enforcement or interpretation of this contract, arising out of Contractor's performance or relating in any way to the work shall be brought in Mendocino County and that venue will lie in Mendocino County.

Except as otherwise expressly provided by law, the parties waive any objections they might otherwise have to the propriety of jurisdiction or venue in the state courts in Mendocino County and agree that California law shall govern any such litigation.

The duties and obligations imposed by these General Conditions and the rights and remedies available hereunder to the parties hereto and, in particular but without limitation, the warranties, guaranties and obligations imposed upon the Contractor and all of the rights and remedies available to the City thereunder, shall be in addition to and shall not be construed in any way as a limitation of, any rights and remedies available to any or all of them which are otherwise imposed or available by law or contract, by special warranty or guaranty, or by other provisions of the contract documents and the provisions of this paragraph shall be as effective as if repeated specifically in the contract documents in connection with each particular duty, obligation, right and remedy to which they apply. All warranties and guaranties made in the contract document shall survive final payment and termination or completion of this contract. The City disclaims an express or implied warranty that the plans and specifications identify all site conditions that could affect the time or cost to complete the Work.

11-05. Waiver. The Contractor shall strictly comply with all notices and other contract requirements. Waiver by the City of any failure of the Contractor to comply with any term of the contract, including the notice provisions, shall not be deemed a waiver of a subsequent breach.

TECHNICAL SPECIFICATIONS

SECTION 12. GENERAL INFORMATION

12-01. Arrangement of Technical Specifications. The Technical Specifications are arranged in sections covering the various phases of work as follows:

Section No.	Title
12	General Information
13	Construction Details
14	Exclusions from General Conditions
15	Amendments to General Conditions

12-02. Arrangement of Plans. The Plans consist of twelve (12) sheets and they are hereby made a part of the Contract Documents.

12-03. Business Licenses. The Contractor and any subcontractors shall each secure and maintain a valid City of Ukiah Business License prior to the start of any portion of the work.

12-04. Permits. The Contractor shall obtain and pay for all permits required to complete this work except the required encroachment permit. The Contractor shall obtain an encroachment permit from the Public Works Department at no cost prior to the start of the Work. The encroachment permit will not be issued until the Contract Agreement and bonds have been executed, submitted, and accepted by the City and all insurance endorsements have been submitted to and accepted by the City's Risk Manager.

12-05. Standard Specifications and Standard Plans. The Standard Specifications and Standard Plans of the California State Department of Transportation, 2010, are hereby made a part of these Technical Specifications, and are hereinafter referred to as "Standard Specifications" and "Standard Plans."

Whenever the following terms are used in the Standard Specifications and the Standard Plans, they shall be understood to mean and refer to the following:

Department or Department of Transportation - The City Council.

Director of Public Works - The City of Ukiah Director of Public Works/City Engineer.

Engineer - The Engineer, designated by the Director of Public Works, acting either directly or through properly authorized agents, such agents acting within the scope of the particular duties entrusted to them.

Laboratory - The designated laboratory authorized by the City of Ukiah to test materials and work involved in the contract.

State - The City of Ukiah

Other terms appearing in the California Standard Specifications and the California Standard Plans shall have the intent and meaning specified in Section I, Definition of Terms of the California Standard Specifications.

In case of discrepancy between the contract documents, the order of precedence from the highest to lowest is as follows:

1. (City) Special Provisions (Technical Specifications)
2. (City) Project Plans
3. City Standard Plans and Details
4. California Standard Plans
5. California Standard Specifications

12-06. Temporary Facilities. All temporary facilities are the responsibility of the Contractor and the removal of said facilities shall be the responsibility of the Contractor. The Contractor shall be responsible for any and all damages to existing facilities which are a result of the installation and removal of the Contractor's temporary facilities.

12-07. Public Convenience and Safety. The Contractor shall conduct operations so as to cause the least possible obstruction and inconvenience to public traffic. The Contractor shall, at his or her expense, furnish such flag persons and furnish, erect, construct and maintain such fences, barriers, lights, signs, detours, pedestrian walkways, driveway ramps and bridging as may be necessary to give adequate warning to the public that work is in progress and that dangerous conditions exist, to provide access to abutting properties and to permit the flow of pedestrian and vehicular traffic to safely and expeditiously pass through the work.

The Contractor shall post notice(s) at the job sites a minimum of 72 hours in advance of working at the site, indicating the date and times that street parking will be prohibited. This notice shall be placed in obvious locations and be spaced no further than 250 feet apart along the length of the project site and on each side of the affected street. The Contractor shall also provide and place door hangers at all houses adjacent to working area. The door hanger notification shall be in writing and it shall be submitted to the Engineer for approval a minimum of 5 working days prior to the proposed public notification. Full cost for "Public Convenience and Safety" shall be considered as included in the various items of work and no additional compensation will be made.

12-08. Maintaining Traffic. Attention is directed to Section 7-1.08, "Public Convenience," 7-1.09, "Public Safety," 7-1.092, "Lane Closure," and 7-1.095, "Flagging Costs," of the California Standard Specifications.

Streets shall be open to through vehicular traffic during non-working hours. All public traffic shall be permitted to pass through the work with as little inconvenience and delay as possible.

Full costs for "Maintaining Traffic", including "Flagging Costs", shall be considered as included in the various items of work and no additional compensation will be made.

Street Closures shall conform to the provisions in the section of these Special Provisions entitled "Traffic Control System for Street Closure."

When leaving a work area and entering a roadway carrying public traffic, the Contractor's equipment, whether empty or loaded, shall in all cases yield to public traffic.

The full width of the traveled way shall be opened for use by public traffic on Saturdays, Sundays, and designated City holidays, after 3:00 p.m. Fridays and the day preceding designated City holidays, and when construction operations are not actively in progress.

Designated City holidays are: January 1st, the third Monday in January, the third Monday in February, the last Monday in May, July 4th, the first Monday in September, the second Monday in October, the second Monday in November, Thanksgiving Day, the day following Thanksgiving Day, December 24th, December 25th, December 30th, December 31st. When a designated City holiday falls on a Sunday, the following Monday shall be a designated City holiday. When a designated City holiday falls on a Saturday, the preceding Friday shall be a designated City holiday.

Minor deviations from the requirements of this section concerning hours of work which do not significantly change the cost of the work may be permitted upon the written request of the Contractor if in the opinion of the Engineer public traffic will be better served and the work expedited. Such deviations shall not be adopted until the Engineer has indicated his written approval. All other modifications will be made by contract change order.

The fences, temporary railing (Type K), barricades, lights, signs, and other devices furnished and installed by the Contractor, at his expense, to conform to the provisions in said Section 7-1.09, and in addition to any construction area traffic control devices for which payment is provided for elsewhere in the specifications.

At the end of each working day if a difference in excess of 2 inches exists between the elevation of the existing pavement between lines, the contractor shall furnish and place portable delineators along said drop-off. "Do Not Pass" signs shall also be placed at 500 feet intervals when delineators are required. Full compensation for furnishing and placing delineators and signs shall be considered as included in the various items of work and no additional compensation will be allowed.

The fences, temporary railing (Type K), barricades, lights, signs, and other devices furnished and installed by the Contractor, at his expense, to conform to the provisions in said Section 7-1.09, and in addition to any construction area traffic control devices for which payment is provided for elsewhere in the specifications.

Payment. Full costs for "Maintaining Traffic", including "Flagging Costs" shall be considered as part of the lump sum payment for Traffic Control System and no additional compensation will be made.

12-09. Traffic Control System for Street Closure. A traffic control system shall consist of closing streets in accordance with the Caltrans Manual of Traffic Controls for Construction and Maintenance Work Zones, the provisions of Section 12, "Construction Area Traffic Control Devices," of the Standard Specifications, and provisions under "Maintaining Traffic" elsewhere in these Special Provisions.

The provisions in this section will not relieve the Contractor of their responsibilities that may be necessary to comply with the provisions in Section 12-08, "Public Safety", of the Standard Specifications.

The base material of construction area signs may be plywood in City Right-of-Way, but shall not be plywood in the State Right-of-Way.

The contractor shall develop and submit to the Engineer for approval a Traffic Control Plan a minimum of one week before beginning construction. The Traffic Control Plan shall show the planned method of traffic control during construction.

The following information shall be included in the Traffic Control Plan:

- Sequencing of construction
- Street layout, with street names and direction of flow
- Location and types of construction area signs (including pedestrian notification)
- Locations of barriers or other traffic control devices
- Location of flaggers
- A contingency plan for how to handle emergency vehicles

The Contractor shall not begin construction at the site until the Traffic Control Plan is reviewed and approved by the Engineer. The City reserves the right to delay the contractor's operations until such time that a Traffic Control Plan has been reviewed and approved by the Engineer.

If any component in the traffic control system is damaged, displaced, or ceases to operate or function as specified, from any cause, during the progress of the work, the Contractor shall immediately repair said component to its original condition or replace said component and shall restore the component to its original location.

When street closures are made for work periods only, at the end of each work period, all components of the traffic control system shall be removed from the traveled way and shoulder. If the contractor so elects, said components may be stored at select central locations, approved by the Engineer, within the limits of the street right-of-way.

Payment. The contract lump sum price paid for traffic control shall include full compensation for furnishing a Traffic Control Plan, furnishing all labor, materials (including signs), tools, equipment, and incidentals and for doing all the work involved in placing, removing, storing, maintaining and moving to new locations, replacing, and disposing of the components of the traffic control system as shown on the plans, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer.

12-10. Stream Pollution. The Contractor shall exercise precaution to limit the muddying or silting of live streams and drainage channels to the maximum extent practicable, and the Contractor's attention is called to the fact that the terms of this contract do not relieve him or her of responsibility for compliance with Sections 5650 and 12015 of the Fish and Game Code or other applicable statutes relating to pollution prevention or abatement.

The Contractor's attention is also directed to Section 7-1.01G, "Water Pollution," of the Standard Specifications and to Section 13, "Water Pollution Control", of the Construction Details Section concerning the requirement for submittal to the Engineer for approval a written program for the control of pollution to adjacent drainage courses during the construction of the project. Said written program shall include the erosion control provisions required by Section 13, "Temporary Erosion Control", of these Construction Details."

12-11. Warranties. Unless otherwise indicated, the Contractor shall warrant all materials provided and work performed under this contract for a period of one year from the date of final acceptance. The Contractor shall replace promptly and at his own expense any materials and/or workmanship that are faulty or defective during this warranty period.

12-12. Utilities. The owner will not arrange water, sewer or electrical services for construction. It is the Contractor's sole responsibility to arrange such services as necessary with the applicable utility provider(s).

12-13. Dust Control. Dust control shall conform to the provisions of Section 10 of the Standard Specifications. Full compensation for dust control shall be considered as included in the prices paid for the various contract items and no additional compensation will be made therefore. This includes the application of water for the purpose of controlling dust caused by public traffic within the project area. The Contractor may at his option use dust palliative in accordance with the provisions of Section 18, "Dust Palliative" of the Standard Specifications except that the full compensation for applying dust palliative shall be considered as included in the prices paid for the various contract items of work and no additional compensation will be made therefore.

All active construction areas shall be watered at least twice daily and more often during hot or windy periods. The active areas adjacent to the apartment complexes shall be kept damp at all times. Hauling trucks shall be covered or at least a two-foot freeboard shall be maintained.

Unpaved access roads, parking areas for construction equipment and construction employee vehicles, staging areas, and storage areas shall be paved or shall receive the application of either water twice daily or non-toxic soil stabilizers. All paved access roads, parking areas, staging areas, storage areas, and public roads impacted by the work of the

project shall be swept daily with street sweepers equipped with water spray to remove soil materials that have been deposited on these surfaces by reason of the work.

The Contractor shall enclose, cover, or water twice daily or apply non-toxic soil stabilizers or install erosion control blankets to or on exposed stockpiles, embankment slopes, and cut slopes. Traffic speeds on unpaved surfaces shall be limited to a maximum speed of 15 mph

12-14. Noise Control. The Contractor's attention is directed to the provisions of section 7.1.01I, "Sound Control Requirements", of the Standard Specifications and Section 9.08, Saturday, Sunday, Holiday, and Night Work, of these General Conditions concerning the control of noise emissions and authorized work hours and days. Between 7:00 a.m. and 7:00 p.m., noise from Contractor's operations shall not exceed limits established by applicable laws or regulations and in no event shall exceed 86 dB at a distance of 50 feet from the noise source.

The City shall provide a Noise Disturbance Coordinator who shall be responsible for acting on any local complaints concerning the construction noise being generated by reason of the work of the project. The Contractor shall conspicuously post a telephone number for the Noise Disturbance Coordinator at the construction site and he shall include it in the construction schedule notice to be provided to the residents. The Noise Disturbance Coordinator shall investigate the noise complaint allegations and shall require the Contractor to implement reasonable measures to mitigate the noise level in accordance with the requirements of these General Conditions and of the Standard Specifications.

The Contractor shall locate all stationary noise generating construction equipment such as air compressors and generators as far as practical from the nearby residences and other noise sensitive land uses. The noise source shall be acoustically shielded when practical. The Contractor shall prohibit unnecessary idling of internal combustion engines.

12-15. Watering. The application of water and the developing of a water supply shall be performed in accordance with the provisions of Section 17, "Watering," of the Standard Specifications except as modified by these Special Provisions. Full compensation for applying water where called for or as directed by the Engineer and for developing the water supply shall be considered as included in the prices paid for the various contract items and no additional compensation will be made therefore. The Contractor is advised that water may be obtained from fire hydrants within the project area under permit with the City's Public Works Department and upon the payment of a meter deposit. Permit application and inquiry as to the water usage fees are to be made at the City of Ukiah, 300 Seminary Avenue, phone (707) 463-6228.

12-16. Preconstruction Conference. A preconstruction conference will be held before any work will be allowed to commence. This meeting will cover inspection, work schedule, and among other items, the responsibilities and procedures of each of the interested parties to assure that the project will be completed in accordance with the contract documents.

12-17. Progress Schedule. Progress schedules will be required for this contract and shall conform to the provisions in Section 8-1.04, "Progress Schedule," of the Standard Specifications.

12-18. Safety Requirements. The Contractor shall comply with all pertinent provisions of the Department of Labor "Safety and Health Regulations for Construction (29 FCS Part 1518, 36 CFR 7340)", with additions or modifications thereto, in effect during construction of this project.

SECTION 13 - CONSTRUCTION DETAILS

13-01. Location and Scope of Work.

All of the work to be performed is within the City of Ukiah.

South Dora St. from Luce Avenue to West Mill Street:

The work involves complete surface wedge grinding down 2" and placing 2" AC overlay over existing asphalt concrete pavement. ADA curb ramps will be installed at locations shown per Plan.

The Contractor should familiarize himself with the local conditions of the project site. Failure to do so will in no way relieve him of the responsibility for performing any of the work or operations required as a part of this contract. Further information regarding the work or these specifications can be obtained from Mary Horger at (707) 463-6233.

13-02. Preservation of Property. The contractor shall conform to the provisions of Section 7-1.11, "Preservation of Property" of the Standard Specifications and to these Special Provisions. All costs to the Contractor for protecting, removing, modifying, relocating and restoring existing improvements shall be considered as included in the contract prices paid for the various items of work and no additional allowances will be made therefore.

Payment Full compensation for complying with this section of the Special Provisions shall be considered as included in the prices paid for the various contract items of work, and no additional compensation will be allowed therefore.

13-03. Watering. Developing water supply and applying shall conform to the provisions in Section 17 of the Standard Specifications and these Special Provisions. Water shall not be obtained from any of the nearby property owners without their written permission.

Payment Full compensation for developing and applying water conforming to the above requirements shall be considered as included in the prices paid for the various contract items of work requiring water, and no additional compensation will be allowed therefore.

13-04. Protection/Replacement of Valve Boxes; Manhole Frames and Covers. Existing valve boxes and storm drain and sanitary sewer manhole frames and covers within the limits of work that will involve asphalt concrete overlays shall be either removed and stored prior to the asphalt concrete overlay work or be protected in place at the option of the Contractor. If the items are removed and stored, the Contractor shall place traffic rated covers over the resulting cavity to protect the remaining valve and manhole and the general public prior to and after the paving operations and until the valve boxes or manhole frames and covers are re-installed where they were originally located. Valve boxes that have been removed and stored shall be reset and adjusted to the new pavement grades pursuant to the requirements shown on the City Standard Drawing 307. Should any box be damaged, stolen, or lost during the removal and storage period or should the Contractor fail to properly protect the boxes in place, they shall be replaced in like manner at the Contractor's expense. Valve boxes protected in place shall be adjusted to the new pavement grades, if necessary. Sanitary sewer and storm drain manhole frames and covers that have been removed and stored shall be reset and adjusted to the new pavement grades pursuant to the requirements of City Standard Drawing 201 and Section 15-2.05A, "Frames, Covers, Grates, and Manholes", of the Standard Specifications as modified by these Special Provisions. Should any frame and /or cover be damaged, stolen, or lost during the removal and storage period or should the Contractor fail to properly protect the frame and/or cover in place, they shall be replaced in like manner at the Contractor's expense. Manhole frames and covers that have been protected in place shall be adjusted to the new pavement grades, if necessary.

Measurement Each valve box and lid and each manhole frame and cover that are either protected in place and adjusted or removed, stored, replaced, and adjusted to grade shall be counted as one complete unit.

Payment The contract price paid for each valve box and for each manhole frame and cover that are either protected in place and adjusted to grade or removed, stored, replaced, and adjusted to grade shall be full compensation for providing all labor, materials, equipment, tools, and incidentals necessary to perform either protection in place and adjustment to grade or removal, storage, replacement, and adjustment to grade including, but not limited to, referencing, pavement removal and replacement adjacent to the item, traffic control, barricades, temporary traffic lids, disposal of excess materials, and cleanup and no additional compensation will be made therefore.

13-05. Grinding. The surface of the existing roadway structural section shall be removed by grinding to the depths and at the locations indicated on the Plans and as directed by the Engineer. Removal of the existing structural section adjacent to existing utility boxes (Section 13-05) and those areas adjacent to valley gutters may require handwork. Any

required handwork will be considered grinding. Disposal of the material removed shall be in accordance with Section 13-02 "Existing Highway Facilities" of these Special Provisions.

After the grinding is completed, the existing surface is to be swept of loose material. The exposed surface, if other than asphalt concrete, shall be graded and compacted in accordance with Section 26 of the Standard Specifications except as provided herein prior to paving.

Measurement. Grinding shall be measured by the calculated in place cubic yards removed based on the pavement surface area and the depth of pavement removal. Edge Grinding in excess of the depth as shown on the plans or as directed by the Engineer will not be paid for.

Payment. The contract price paid per cubic yard for Grinding shall include full compensation for furnishing all labor, materials, tools and equipment, and doing all work necessary, including modifying the depth of grinding as specified above, any required handwork, sweeping and the disposal of the materials to complete this item as specified, and no additional compensation will be allowed therefore.

13-06. Hot Mix Asphalt.

13-06.1 General. HMA shall contain high tensile strength aramid fiber reinforcement. HMA shall be provided in accordance with the Standard HMA construction process and conform to Section 39 of the Standard Specifications and as detailed in this specification.

Fiber reinforced HMA is mixture of hot mix asphalt and a high tensile strength aramid fiber blend that has greater resistance to rutting, thermal cracking, fatigue cracking, and reflective cracking as compared to conventional non-fiber asphalt mixes.

13-06.2 Quality Control Plan. Contractor shall establish, implement and maintain a Quality Control Plan (QCP) to ensure materials and work comply with the specifications and the corrective actions required to control the quality of work. The QCP shall comply with these specifications and Section 39-2.02 "Contractor Quality Control" of the Standard Specifications.

Contractor shall attend a pre-paving conference with the Engineer to discuss methods of performing the production and paving work and how quality control will be performed throughout.

Qualifications of workers: Provide sufficient skilled workers and supervisors who shall be present at all times during execution of this portion of the Work and who shall be thoroughly familiar with the type of construction involved and the materials and techniques specified.

Codes, standards and definitions:

1. Wherever a test method is referenced in this section, it shall be made in accordance with the most current test method in use by Caltrans in the State Standard Specifications, unless otherwise noted in this section.
2. ASTM D2172, Standard Test Methods for Quantitative Extraction of Bitumen from Bituminous Paving Mixtures
3. ASTM D6931, Standard Test Method for Indirect Tensile (IDT) Strength of Bituminous Mixtures.
4. AASHTO T322, Determining the Creep Compliance and Strength of Hot-Mix Asphalt (HMA) Using the Indirect Tensile Test Device.
5. Zeiada, W., Underwood, S., Stempihar, J., "Extraction of Aramid Fibers from Fiber Reinforced Asphalt Concrete – Special Test Method", Arizona State University, May 11, 2016.
6. Aramid Dispersion State Ratio (ADSR): The mass of aramid in the individual state compared to the total mass of extracted aramid fibers, expressed as a percentage.

13-06.3 Submittals. The Contractor shall provide the Engineer with the following information a minimum of 10 days prior to commencing the Work:

1. Hot mix asphalt job mix formula (JMF) in accordance with Caltrans Standard Specifications.
 - a. Proposed JMF on Form CEM-3511: Include percentage of reclaimed asphalt pavement (RAP)
 - b. Representative reinforcing fiber product sample.

- c. Reinforcing fiber product data sheet and certification from the Manufacturer that the fiber product supplied meets the requirements of this specification.
- d. Reinforcing fiber manufacturer's instructions and general recommendations.
- e. Past performance test results of IDT testing from a minimum of three separate laboratory trials.
- f. Past performance test results of ADSR testing from a minimum of two tests.
- g. Submit a minimum of five project examples and references where the reinforcing fiber product was used for roadways in the State of California.
- h. Mix design documentation, data and aggregate quality on Form CEM-3512 dated within 12 months of submittal.
- i. JMF verification on Form CEM-3513, if applicable
- j. JMF renewal on Form CEM-3514, if applicable
- k. Materials Safety Data Sheets (MSDS) for:
 - Asphalt binder
 - Supplemental fine aggregate except fines from dust collectors
 - Antistrip additives

2. Written confirmation from the supplier that the JMF to be supplied meets all specified requirements.

Performance testing for reinforcing fiber product must be from laboratory trials at a fiber dosage rate equal to the rate proposed for the project. Tests must be performed by an AASHTO accredited laboratory or nationally recognized university testing lab and must be reviewed and approved by the project engineer.

Indirect Tensile (IDT) Strength Tests from a minimum of three (3) separate laboratory trials.

1. Perform indirect tensile tests using the protocol from AASHTO T322 or ASTM D6931
2. Tests results shall include a control and a fiber reinforced mix. FRAC mix shall be identical to control mix except for the inclusion of fibers added at the same dosage as proposed on the project.
3. Indirect tensile test results from fiber specimens shall show an average tensile strength increase of 20 percent over control specimen with no less than 15 percent increase of average tensile strength.

Aramid Dispersion State Ratio (ADSR) Tests from a minimum of two (2) separate laboratory trials.

1. Perform ADSR test based on modified ASTM D2172 procedures as provided in the document entitled "Extraction of Aramid Fibers from Fiber Reinforced Asphalt Concrete – Special Test Method". A copy of the modified extraction methodology can be obtained by making an inquiry to the Pavement and Materials Laboratory at Arizona State University at NCE@asu.edu.
2. To validate ADSR results, average extracted aramid fiber quantity must equal 0.007 percent by total sample weight with no individual result less than 0.005 percent of the total sample weight.
3. All tested fiber mixes must achieve a minimum ADSR of 85%.

Tack Coat: Contractor shall submit asphalt binder tack coat and asphaltic emulsion tack coat.

The Contractor shall develop and submit a Quality Control Plan for the project. This shall, at a minimum, cover the areas or subjects contained in Section 39-2 of the Standard Specifications. The Contractor shall not begin hot mix asphalt production or placement without written approval from the Engineer of the QCP and an approved JMF. Approval of the QCP and JMF by the Engineer does not relieve the contractor of responsibility for quality control or work methods.

13-06.4 Engineer's Acceptance. Quality control sampling and acceptance testing will be performed by the City. The City reserves the right to perform acceptance testing at frequencies that differ from those specified in the Standard Specifications.

A minimum of one sample for Rice Specific Gravity may be taken by each day at the plant during placement of HMA. The Rice Specific Gravity test will be in accordance with ASTM D 2041. Any changes to the JMF requested by the Engineer shall be implemented by the Contractor or a new JMF resubmitted for approval prior to continuing work.

In place density tests per CT 375 Nuclear Gage field test may be performed during HMA operations to verify compaction requirements per Standard Specifications. The frequency of testing may be in accordance with CT 375.

Should any test specified in Paragraph 13-15.4 of this Section fail to meet density requirements, the City may take density core samples to verify density results and pavement thickness. Contractor shall be responsible for patching the cores with hot mix asphalt at no additional expense to the City.
for patching the cores with hot mix asphalt at no additional expense to the City.

13-06.5 Products. Tack Coat shall be Grade PG 64-16, conforming to the provisions of Sections 39 and 92 of the Standard Specifications and shall be used between layers of each lift of HMA, and on curbs, gutters and construction joints.

Asphalt binder and tack coat shall be Grade PG 64-16, conforming to the provisions of Sections 39 and 92 of the Standard Specifications.

Aggregate shall be clean and free from deleterious substances and shall meet the gradation and quality for 3/4-inch HMA Type A for initial course and 1/2-inch HMA Type A for the final course.

Hot Mix Asphalt shall be 3/4-inch HMA Type A for the first course and 1/2-inch HMA Type A for the final course and conform to Section 39 of the Standard Specifications.

Provide a reinforcing fiber blend of virgin polyolefins and virgin aramids that meets the requirements in the tables below.

Reinforcing Fiber Material Properties			
Property	Test Method	Polyolefin	Aramid
Form	Manufacturer Certification	Serrated	Monofilament
Nominal Specific Gravity	ASTM D276	0.91	1.44
Tensile Strength (psi)	ASTM D7269	NA ¹	400,000
Length (in)	Manufacturer Certification	0.75	0.75

1. Polyolefin fibers will melt or become plastically deformed during production

Reinforcing Fiber Performance Properties		
Performance Test	Test Method	Requirement
Indirect Tensile Strength (IDT)	AASHTO T322 or ASTM D6931	≥ 20% increase
Aramid Dispersion State Ratio (ADSR)	Modified ASTM D2172	≥ 85%

Reinforcing fiber blend shall be Forta-Fi[®], provided by the Forta Corporation, or approved equivalent. If a different aramid-based fiber blend is proposed, performance test results complying with the requirements of Section 13-15.3 must be submitted at least two weeks prior to bid date for approval by engineer.

HMA batch plant shall be Department-qualified under the Department's Materials Plant Quality Program of the Standard Specifications.

Reclaimed asphalt pavement shall be acceptable in accordance with the Standard Specifications not exceeding 15.0 percent of the aggregate blend.

13-06.6 Construction. During the entire construction period, the Contractor shall take care to protect existing pavement and concrete surfaces. Surfaces scarred by cleanup or equipment shall be repaired in a manner satisfactory to the Engineer. Any and all damage caused by the Contractor's operations to existing roads and streets shall be repaired by the Contractor to at least the original condition and to the satisfaction of the Engineer, at no additional cost to the City.

13-06.6.1 Preparation. If pavement is damaged (excessive loading, grouser marking, scarring/scraping of pavement, etc.) outside the limits of the work, a full lane width grinding and overlay will be required as directed by the Engineer at no additional compensation to the Contractor.

Ensure the area is clean and dry. All material accumulations which would interfere with the adhesion of the

tack coat or with the placing and performance of the HMA shall be removed, including dust, loose aggregate, soil, leaves, and pieces or lumps of other foreign material deposited on the surface.

13-06.6.2 Tack Coat. A tack coat shall be applied to existing pavement including planed surfaces, between HMA layers, and to vertical surfaces of curbs, gutters and construction joints at the minimum residual rates specified in Section 39-1.09C "Tack Coat" of the Standard Specifications.

Before placing HMA, a tack coat shall be furnished and applied uniformly to contact surfaces of all cold pavement joints, curbs, gutters, pavement reinforcing fabric and all existing pavement to be surfaced in conformance with Section 39 of the Standard Specifications.

Tack coat shall be applied to any course in advance of spreading the next course unless the surface temperature is at least 140 °F.

Hot mix asphalt shall not be placed until tack coat has cured.

13-06.6.3 Fiber Reinforced HMA Production. Provide manufacturer's technical representative at HMA plant during HMA production.

Deliver fiber-reinforcement in sealed, undamaged containers with labels intact and legible, indicating material name and lot number. Deliver fiber-reinforcement to location where it will be added to each batch or loaded into the mixer. Store materials covered and off the ground. Keep sand and dust out of boxes and do not allow boxes to become wet.

Add aramid and polyolefin reinforcing fiber blends at a dosage rate of one (1) pound fiber per one (1) ton of asphalt.

Add alternative aramid fiber blends at a rate proposed by the manufacturer that achieves the IDT and ADSR results required.

Have a fiber manufacturer's representative on site during mixing and production. This requirement can be waived if fiber manufacturer and asphalt producer can supply evidence of manufacturer's brand of fiber being successfully produced a minimum of three times at the asphalt plant to be used for the project.

Batch Plant. When a batch plant is used, add fiber to the aggregate in the weigh hopper and increase both dry and wet mixing times. Ensure that the fiber is uniformly distributed before the injection of asphalt cement into the mixture.

Drum Plant: Inject fibers through the RAP collar by placing fibers on the RAP belt for by feeding them with a blower tube system. Rate the feeding of fibers with the rate the plant is producing asphalt mix. If there is any evidence of fiber balls at the discharge chute, increase the mixing time and/or temperature or change the angle of the fiber feeder line to increase dry mixing time.

For manual feeding, place fibers on the RAP belt at intervals based on the plant production rate.

When using a blower tube system, add fibers continuously and in a steady uniform manner. Provide automated proportioning devices and control delivery within $\pm 10\%$ of the mass of the fibers required. Perform an equipment calibration to the satisfaction of the fiber manufacturer's representative to show that the fiber is being accurately metered and uniformly distributed into the mix.

Include the following with the blower tube system:

1. Low level indicators
2. No-flow indicators
3. A printout of feed rate status in pounds/minute
4. A section of transparent pipe in the fiber supply line for observing consistency of flow or feed.
5. Manufacturer's representative's approval of fiber addition system

13-06.6.4 Spreading and Compacting. Compaction test subgrade prior to placing HMA to ensure a firm and stable subgrade. After compaction testing and immediately in advance of placing HMA, apply additional tack coat to damaged areas or where loose or extraneous material is removed.

Close areas receiving tack coat to traffic. Do not track tack coat onto pavement surfaces beyond the job site. HMA surfacing shall conform to the provisions of Section 39 of the Standard Specifications and fiber manufacturer. Placing HMA shall be done under suitable weather conditions for such operations. Rain, snow or other inclement weather will be cause for discontinuing paving Work. Only spread and compact if the atmospheric temperature is at least 55 degrees F and rising and the surface temperature is at least 60 degrees F and rising. The Engineer shall have the authority for determining whether weather conditions are sufficient cause to postpone work.

Spreading and compacting shall be performed in accordance with Section 39-1.10 and Section 39-1.11 of the Standard Specifications.

Visually observe fiber reinforced HMA mix in the back of first three trucks and every tenth truck thereafter to confirm adequate blending of the fiber. Remove any observed fiber balls from placed mixture and adjust operations per the manufacturer's recommendation to eliminate future fiber ball development.

Longitudinal joints in the top layer must match specified lane edges shown on the striping Plans. Longitudinal joints in lower HMA layers shall be offset at least 0.5 feet from each side of the specified lane edges.

Finish rolling shall be completed before pavement surface temperature is below 150 degrees F.

Traffic shall not be allowed on HMA until mid-depth temperature is below 160 degrees F and the pavement surface temperature is below 140 degrees F.

The completed surfacing shall be true to grade and cross section, of uniform smoothness and texture, compacted firmly and free from depressions, humps or irregularities.

Dikes shall be shaped and compacted with equipment capable of shaping and compacting the material to the required cross section.

The exact rate of application of the paint binder will be determined by the Engineer during construction.

13-07 Traffic Striping. This work shall consist of painting traffic striping including applying glass beads as per the Plans and in accordance with Section 84, "Traffic Stripes and Pavement Markings" of the Standard Specifications except as provided herein, the Standard Plans, and these Special Provisions. Contractor shall reference all existing striping prior to any grinding taking place on those streets that have traffic striping.

All pavement and traffic striping shall be painted with two coats as specified per California Standard Plans unless otherwise noted.

Measurement. Painting traffic stripes will be measured by the linear foot, along the line of the traffic stripes, without deductions for gaps in broken traffic stripes. A double traffic stripe consisting of two 4-inch wide yellow stripes, separated by a 3-inch black stripe, will be measured as one traffic stripe.

Payment. The contract price paid per linear foot for painted traffic stripes shall include full compensation for furnishing all labor, material, tools, equipment and incidentals, and for doing all the work involved in painting traffic stripes.

13-08 Pavement Markings. The Contractor shall furnish and apply traffic stripes, characters, arrows, pavement markers, and other delineations and markings. These shall be reapplied in the original pattern on all roads except as shown on the striping plans, as specified herein, or as directed by the Engineer. Contractor shall install traffic striping and markers in accordance with Sections 84, "Traffic Stripes and Pavement Markings" and Section 85 "Pavement Markers" of the Standard Specifications.

Pavement markings which include bicycle lane notification, stencils, "STOP" and turn arrows shall be painted and shall have glass beads applied as per the plans in accordance with Section 84, "Traffic Stripes and Pavement Markings" of the Standard Specifications except as provided herein, the Standard Plans, and these Special Provisions. Contractor shall reference all existing pavement markings prior to pavement grinding on those streets that have pavement markings.

All pavement legends and traffic striping shall be applied in thermoplastic unless otherwise noted.

Pavement Delineation – Paint. Paint shall be a 2-coat system and comply with Section 84-3 of the Standard Specifications, and shall be used for curbs only. The use of either water or solvent-based paint will be determined by the Engineer according to the time of year and air pollution control requirements. Paint shall be used at its manufactured consistency.

Measurement. Pavement marking shall be measured as a square foot price.

Payment. The square foot price paid for Pavement Marking shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, referencing the existing pavement marking and doing all the work involved in painting pavement marking as designated by the Plans, and no additional compensation will be allowed therefore.

13-09A Reflective Pavement Markers (Blue). Blue, reflective, pavement markers shall be placed across from city fire hydrants, and conform to the provisions in section 3B-03 of the California Manual on Uniform Traffic Control Devices and the attached figure 3B-102 (CA). All pavement makers shall also conform to the provisions in Section 85 of the California Standard Specifications. Pavement Adhesive used to install pavement markers shall conform to the requirements of Section 85 of the California Standard Specifications.

Measurement. Placing pavement markers will be measured as each.

Payment. The contract price paid per each for pavement markers shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all the work involved in placing pavement markers.

Schedule. Raised pavement markers shall be placed as specified in Subsection 85-1.03 of the Standard Specifications. When utilizing hot melt bituminous adhesive, pavement markers shall be placed after the surface has been open to traffic for at least seven (7) days. When utilizing epoxy adhesive, pavement markers shall be placed after the surface has been open to traffic for at least fourteen (14) days. Regardless of which adhesive is utilized, the pavement markers shall not be placed more than twenty-one (21) days after paving or surfacing.

Permanent traffic striping and markings including legends and arrows shall be placed within twenty-one (21) days after paving or surfacing, unless otherwise directed by the Engineer.

Temporary yellow marking tape denoting school crosswalks shall be placed the same day that the pavement surfacing is placed.

Failure to comply with these requirements shall result in a liquidated damage of \$150 per day for each street that has not received permanent installation of the required raised pavement markers, traffic striping, and markings.

13-10. Minor Concrete. This work consists of constructing A1-6 curb, curb and gutter, sidewalks and wheelchair ramps. All concrete shall be Class B containing not less than 470 pounds of Portland cement per cubic yard of concrete (5 Sack) as specified in Section 90 of the California Standard Specification.

Contractors attention is directed to the requirements of each ramp detail drawing and the following Standard Drawings: No. 101 "Score Mark Details, Sidewalk, Curb and Gutter", and No. 111 "Wheelchair Ramp Detail".

Remove Concrete (Curb & Gutter). The contractor shall remove existing asphalt and concrete to provide forms for the lip of the gutter.

Measurement. Removal of Concrete (Curb and Gutter) will be measured by the linear foot, in place along the face of curb.

Payment. The contract price will be paid per linear foot and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals for performing all work involved in the removal of existing concrete curb and gutter including but not limited to saw cutting, removal of

concrete, sand and base rock, excavation, stockpiling removed materials, hauling and disposal of removed materials, and cleaning of materials, as specified in these Construction Details and shown on the Plans, and no additional allowances will be made therefor.

Curb and Gutter. Gutter width varies from site to site and Contractor should carefully review the Project Plans. All curb and gutter shall be measured and paid for as if it were standard curb and gutter per Standard Drawing No. 102. Curb and gutter shall not be poured monolithic with the sidewalk unless otherwise approved by the Engineer.

Measurement. Curb and gutter will be measured by the linear foot, in place along the face of curb.

Payment. The contract price paid per linear foot for curb and gutter shall include full compensation for furnishing all labor, materials, tools, and equipment, and doing all the work involved in constructing curb and gutter as specified including furnishing and placing aggregate base, and preparing subgrade, and no additional compensation will be allowed therefore.

Remove Concrete (Sidewalk & Flatwork). The contractor shall remove existing curb ramps and flatwork sidewalk.

Measurement. Removal of Concrete (Sidewalk & Flatwork) will be measured by the square foot, in place.

Payment. The contract price will be paid per square foot and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals for performing all work involved in the removal of existing concrete sidewalk, pedestrian ramps and driveways, clearing and grubbing of existing vegetation and including but not limited to saw cutting, removal of concrete, sand and base rock, excavation, stockpiling removed materials, hauling and disposal of removed materials, and cleaning of materials, as specified in these Construction Details and shown on the Plans, and no additional allowances will be made therefor.

Curb ramps. Curb and gutter may be poured monolithic with the curb ramp.

Curb Ramp Detectable Warning Surface: Pedestrian ramp detectable warning surface shall consist of raised truncated domes constructed with pedestrian ramps in conformance with the details shown on the plans and these special provisions. The detectable warning surface shall be Armor-Tile cast-in-place detectable warning surface or approved equal. The color of the detectable warning shall be yellow conforming to Federal Standard 595B, Color No. 33538.

The finished surfaces of the detectable warning surface shall be free from blemishes. Installation will be per manufacturer's instructions or as directed by the Engineer.

The manufacturer shall provide a written 5-year warranty for prefabricated detectable warning surfaces, guaranteeing replacement when there is a defect in the dome shape, color, fastness, sound-on-cane acoustic quality, resilience, or attachment. The warranty period shall begin upon final acceptance of the project.

Full compensation for furnishing, constructing, and installing curb ramp detectable warning surfaces shall be considered as included in the contract price paid for Wheelchair Ramp installation and no additional allowance will be made therefor.

Measurement. Curb ramps will be measured by the square foot in place. Curb and gutter adjacent to curb ramps will be measured and paid for as curb and gutter.

Payment. The contract price paid per square foot of curb ramps shall include full compensation for furnishing all labor, materials, tools, and equipment, and doing all the work involved in constructing curb ramps as specified including furnishing and placing aggregate base, preparing subgrade, and protecting existing traffic sign poles and foundations, and no additional compensation will be allowed therefore.

Sidewalks. Sidewalks shall be constructed in accordance with City Standard Drawing No. 102. Sidewalks shall not be poured monolithic with the curb and gutter unless otherwise approved by the Engineer.

Measurement. Sidewalks will be measured by the square foot in place. Curb and gutter, or vertical concrete retaining curb adjacent to sidewalks will be measured and paid for as curb and gutter, or retaining curb.

Payment. The contract price paid per square foot for sidewalks shall include full compensation for furnishing all labor, materials, tools, and equipment, and doing all the work involved in constructing sidewalks as specified including furnishing and placing aggregate base, preparing subgrade, and protecting existing traffic sign poles and foundations, and no additional compensation will be allowed therefore.

Valley Gutters. Valley gutters shall be poured with a cold joint at the connection to the existing valley gutter. Valley gutters shall be constructed a minimum of nine (9) inches thick at the center and a minimum of nine and one half (9.5) inches thick at the outer edges.

Measurement. Valley gutters will be measured by the square foot in place.

Payment. The contract price paid per square foot for valley gutters shall include full compensation for furnishing all labor, materials, tools, and equipment, and doing all the work involved in constructing valley gutters as specified, including furnishing and placing aggregate base, placing of rebar and preparing subgrade, and no additional compensation will be allowed therefore.

Saw Cut Concrete. This work shall include saw cutting Portland Cement Concrete (PCC) sidewalks, driveway approaches, curb and gutters, and valley gutters at the locations shown on the Project Plans and at locations as directed by the Engineer. Except where the plans call for a full depth cut, the concrete shall be cut in a neat line to a minimum depth of 0.17 foot with a power driven saw before concrete is removed.

Payment. Full compensation for complying with this section of the Special Provisions shall be considered as included in the prices paid for the various contract items of work, and no additional compensation will be allowed therefore.

Sign Post Relocation. This work shall include removal of existing sign posts within the new concrete construction area and reinstalling new removable sign post sleeves as provided by the City of Ukiah and cast in the new concrete as directed at the locations shown on the Project Plans and at locations as directed by the Engineer.

Payment. Full compensation for complying with this section of the Special Provisions shall be considered as included in the prices paid for the various contract items of work, and no additional compensation will be allowed therefore.

13-11. Construction Surveying. Construction surveying including horizontal and vertical control and staking shall be the responsibility of the Contractor. Vertical and horizontal control is to be established from the existing Control Points shown on the Plans. Vertical Control Points are shown on the Plans.

Measurement and Payment. Full compensation for Construction Survey will be measured and paid for at the contract lump sum price and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals for performing all work involved in establishing and maintaining vertical control and horizontal control, staking, and related construction surveying required to perform the Work, and no additional allowances will be made therefor.

13-12.1 Adjust Existing Frames, Covers, Grates and Manholes to Grade. This work shall consist of raising or adjusting existing utility facilities and replacing surface utility facilities, such as sewer and storm drain manhole frames and covers, water valve covers, gas valve covers, water meter boxes and covers, monument covers, sewer cleanouts, and monitoring well covers to the finished grade of the resurfaced asphalt pavement. On roadways to be milled, facilities shall first be lowered prior to cold planing and then adjusted to finish grade after completion of the resurfacing work (refer to Section 13-08 "Cold Plane Asphalt Concrete Pavement" of these Construction Details). At various locations a monument box and cover shall be installed at the finish grade over any unprotected, existing monumentation in the paved roadway.

All such work shall conform to the applicable provisions of the Standard Specifications, these Construction

Details, the Plans and typical sections and as directed by the engineer.

Unless specifically allowed by the Engineer, grade rings shall not be used to adjust utility covers. The Contractor shall properly locate and tie all existing facilities to be raised in advance of paving operations.

13-12.2 Construction. Care shall be taken to keep frames and covers clean. The Contractor shall completely protect with heavy plastic or other suitable material all utility covers or other items which are visible on the surface and will be covered by his operations. This shall be completed prior the start of operations and approved by the Engineer. Any materials that adhere to the frames and covers shall be removed.

Contractor shall exercise care during the work of lowering and raising covers to avoid any construction debris from entering into the manhole chamber. Any material which enters the manhole or connecting pipes shall be removed at the expense of the Contractor to the satisfaction of the City. In the event that a problem is reported, Contractor shall have on hand the necessary equipment and manpower, including traffic control devices and crew if deemed necessary, to open lids that are requested for review by the Engineer, at no additional cost to the City.

Facilities damaged by the Contractor shall be replaced at the Contractor's expense. Facilities (box and lid or frame and cover) found existing in a damaged condition, and reported to the Engineer before disturbing, shall be replaced by the Contractor with materials furnished by the Owner.

All facilities on active systems shall be accessible at all times to City personnel unless otherwise stated in these Special Provisions or approved by the Engineer.

After placement of the finish course of asphalt concrete the Contractor shall mark all overlaid manholes, valve boxes, mainline cleanouts and monuments, whether new or existing, with white paint by the end of that working day.

All new and existing manholes, valve boxes, mainline cleanouts and monuments shall be adjusted to grade within 48 hours after placement of the finish course of asphalt concrete. Final grade adjustments and installation of concrete collars shall be done on the same working day. Final paving around manholes, valve boxes, mainline cleanouts and monuments shall be completed no later than the following working day. All manhole frames and covers being adjusted to grade, but left with exposed concrete collars shall have steel plate covers with hot mix asphalt tapers maintained until final asphalt concrete paving is placed.

13-12.3 Manholes. Prior to removal of an existing manhole frame, a platform to prevent debris from entering the sewer, storm drain or communication vault, shall be placed in the manhole above the top of the sewer or storm drain. The platform shall remain in place until all work on the manhole has been completed, the asphalt concrete has been placed around the manhole and all dirt and debris is removed from the platform.

The Contractor shall be responsible for the removal of any dirt and debris that falls into the manhole, and any damage to the facility or downstream facilities. Trimming of manhole cones (tapered section) will not be permitted.

All sections of the manhole grade rings shall be set in cement mortar and all joints smoothly grouted inside and out. The top of the completed manhole shall contain at least one three (3) inch grade adjustment ring. All manhole frames and covers shall be adjusted to grade after placement of the finish course of hot mix asphalt.

Existing grade adjustment rings removed in the adjustment of manhole frames shall become the property of the Contractor. If undamaged and thoroughly cleaned of mortar, the grade rings may be reused in the work. If not so used, they shall be disposed of away from the work site at the expense of the Contractor.

Manhole frames shall be reinstalled to align directly over the grade rings. Any frames misaligned by more than ½ inch shall be removed and reinstalled.

All silt and debris shall be removed from finished structures. This shall include all existing silt and debris plus material caused by the Contractor's operation.

All grade rings shall be set in cement mortar the same day they are placed. All joints shall be smoothly plastered inside and out.

The Contractor shall accurately locate and record the location of all manhole covers to be raised to grade. The Contractor shall furnish the Engineer a copy of said record prior to resurfacing the street. Where shown on the Plans and specified in these construction details, utility vaults, manholes and boxes will be adjusted to grade by the utility company that owns the facility. The Contractor shall coordinate with utility companies in advance of scheduled work to provide adequate time for determination of work.

13-12.4 Valve Frame and Cover. Existing water valve frames and covers, gas valve frames and covers, monitoring well covers and hand holes shown on the Plans to be adjusted to grade shall be adjusted to final pavement grade in conformance with the details on the Plans. The Contractor shall accurately locate and record the location of all valve covers to be adjusted to grade and shall furnish the Engineer a copy of said record prior to resurfacing.

After a street has been overlaid, all valve boxes shall be marked in white paint before the close of that workday. Within 48 hours of paving, all valve boxes shall be brought to grade, cleaned out and inspected by the Contractor.

13-12.5 Sawcut Pavement. Where no joint exists between concrete or asphalt concrete to be removed and concrete or asphalt concrete to remain in place, the concrete or asphalt concrete shall be cut in a neat line to a minimum depth of 0.25-foot with a power driven saw before the concrete or asphalt concrete is removed.

13-12.7 Tolerances. The concrete around these adjusted facilities shall be left two (2") inches lower than the adjacent pavement. The concrete surface shall be tack coated with 0.10 gallons per square yard and paved with ½ inch Type A HMA.

The surface adjusted facilities shall be true to the new pavement surface to within one-eighth inch (1/8") deviation. This tolerance shall apply in a single direction only, either up or down. In addition, the adjusted facility shall not vary by the high tolerance on one side and the low tolerance on the other (i.e. the total aggregated tolerance on both sides shall be limited to the 1/8" inch variation). This variation shall apply to the adjacent patch paving around the facility as well such that neither the paving nor the facility vary by more than the stated tolerance.

13-13. Clearing and Grubbing. Clearing and grubbing shall conform to the provisions in Section 16, "Clearing and Grubbing," of the Caltrans Standard Specifications, the City Standards and these Special Provisions. Concrete removal shall conform to applicable provisions of Section 15-3 of the Standard Specifications and these Special Provisions.

The Contractor's attention is directed to Section 7-1.11, "Preservation of Property" of the Caltrans Standard Specifications.

All concrete which is to be removed from sidewalk, curb, gutter, and gutter pan, shall be removed to the nearest score mark or construction joint as directed by the Engineer unless otherwise noted on plans.

All trimming and/or removal of trees, bushes or other vegetation within project limits will be completed as part of the line item work included with removal and construction of concrete.

Reinforcing steel may be encountered in portions of concrete to be removed and no additional allowance will be made for the removal of such steel.

All improvements which are not planned to be removed as part of this work, but are damaged or destroyed by reason of the Contractor's operations shall be replaced in kind or restored to a condition as good as when the Contractor encountered the work at the Contractor's expense.

The Contractor shall dispose of all debris off site and in a legal manner.

Payment: Full compensation for **clearing and grubbing** shall be considered as included in the prices paid for the various contract items of work and no additional allowance will be made therefore.

13-14. Storm Drain Pipe. All storm drains and related appurtenances shall be constructed in accordance with the Standard Specifications, the City of Ukiah Standard Plans, the Plans and these Special Provisions.

Materials. Storm drain pipe shall conform to the provisions of the Standard Specifications, the City of Ukiah Specifications, the Plans and these Special Provisions.

12" Reinforced Concrete Pipe (Class IV) will be measured and paid for at the contract unit price per **linear foot**, which price shall include full compensation for furnishing all labor, materials, tools and equipment and doing all the work involved in furnishing and installing drainage pipe including all pipe fittings, as shown on the plans, complete in place, all excavation & disposal of excavated material; hand digging to protect roots; root pruning; abandonment, temporary connections, removal, & disposal of existing materials; connecting to new or existing pipe, catch basins, or manholes; dewatering; ground water disposal; controlled density fill if used; temporary and permanent trench paving; testing; and any other items when required by the work or shown on the Plans, not specifically enumerated in the Plans or these specifications, and no additional allowance will be made therefor.

Excavation and Backfill. Excavation and backfill shall be in accordance with the Standard Specifications, the City of Ukiah Standard Plans, the Plans, these Special Provisions and as directed by the Engineer.

Prior to the start of excavation for storm drain installation, the contractor shall pothole to determine the exact horizontal and vertical location of all crossing utilities. Potholing shall consist of excavating with hand tools to whatever depth necessary in the proposed trench line for a distance of up to two feet on either side of the apparent utility crossings as indicated by the plans and by the USA mark-outs until the exact location of all utilities is established. If a marked utility cannot be located within four feet on either side of the USA mark-out, the Contractor shall immediately contact Underground Service Alert to re-mark the utility and notify the Engineer.

Trenches shall not be open longer than the time required to place the pipe and backfill to the adjoining grade. Trenches shall be backfilled the same day within allowable working hours.

If, during excavation for any storm drain pipe, material is encountered which is unsuitable as a foundation for such culvert or structure, such unsuitable material shall be removed to a depth as required by the Engineer and the resulting space shall be refilled with approved material.

Laying Pipe: Unless otherwise specifically permitted by the Engineer, all pipes shall be laid upgrade.

All pipe joints shall be sealed with use of a rubber gasket. A joint lubricant recommended by the pipe manufacturer shall be used on gasket sealed pipe.

Video Inspection of Storm Drain Pipe: All new and modified storm drain pipes and structures shall be inspected by video inspection completed by or provided by the contractor as witnessed by City inspection.

Measurement. Storm drain pipe, of the various types and sizes, will be measured by the lineal foot from center of structure to center of structure of connection point.

No separate measurement will be made for video inspection.

Payment. Storm Drain will be paid for at the contract price per lineal foot for specified types and sizes as installed, which price shall include full compensation for furnishing all labor, materials, tools, and equipment and doing all the work involved in placing storm drain as specified.

Full compensation for removing and disposal of existing storm drain pipe to be replaced as shown on the plans shall be considered as included in the contract prices paid per lineal foot for storm drain pipe and no additional allowance will be made therefore.

13-15. Drainage Structures. Drainage structures shall conform to the provisions in Section 70, "Miscellaneous Facilities," of the Standard Specifications, City Standards and these Special Provisions.

Storm drain catch basin construction shall conform to the requirements of City Standard Nos. 403, 406 and 408, or as specified on the Plans. At the option of the Contractor, catch basins bases may be poured in place or furnished and install as precast units at the option of the Contractor.

Drop inlets shall be of the type and size as specified on the Plans. At the option of the Contractor, drop inlets and bases may be poured in place or furnished and installed as precast units.

Concrete used for drainage structures shall conform to the provisions in Section 90-10, "Minor Concrete," of the Standard Specifications. Portland Cement Concrete shall be Class A, conforming to the provision of Section 90, "Portland Cement Concrete," of the Standard Specifications. Reinforcement shall be Grade 60 conforming to the provisions of Section 52, "Reinforcement," of the Standard Specifications.

Connection of storm drain lines to existing storm drain structures shall conform to the requirements of Section 51-1.135, "Mortar," of the Standard Specifications and these Special Provisions.

The Contractor shall break into the side of existing structures using a roto-hammer or other device approved by the Engineer. Sufficient concrete shall be removed to adequately connect the new storm drain without removing excess concrete material. No damage shall be done beyond the tie-in location as shown on the plans. Bar reinforcing and/or wire mesh reinforcing shall be neatly cut and removed. All waste concrete and reinforcing shall be removed in accordance with Section 7-1.13, "Disposal of Materials Outside the Highway Right-of-Way," of the Standard Specifications.

The new storm drain line shall be installed such that it does not protrude into the existing drainage structure. The void around the new storm drain line shall be filled with mortar. The mortar inside the existing drainage structure shall be troweled smooth so there is a clean smooth connection.

Measurement. Drainage Structures, of various types, will be measured by each. No separate measurement will be made for connecting storm drain lines to existing drainage structures, miscellaneous iron and steel, and Class 2 aggregate base under drainage structures.

Payment. Drainage Structures, of the various types, will be paid for at the contract price per each for specified types and sizes as installed, which price shall include full compensation for furnishing all labor, materials, tools, and equipment and doing all the work involved in placing drainage structures as specified.

13-16. Bioretention Overflow Inlet. Full compensation for the inlet will be measured and paid for at the contract unit price per **each**, which price shall include full compensation for furnishing all labor, materials, tools and equipment, and doing all the work involved in providing bioretention area storm drain inlets, including that portion of pipe not paid for under pipe; excavation, subgrade preparation, providing all pipe fittings, grouting, furnishing, placing, & compacting backfill material, and controlled density fill where required; furnishing, installing, and any other items necessary to place the LID storm drain inlet on specified fill when required by the work or shown on the Plans, and other work not specifically enumerated in the Plans or these specifications, and no additional allowance will be made therefor.

13-17. Bioretention Area. Full compensation will be measured and paid for at the contract unit price per **square foot**, which price shall include full compensation for furnishing all labor, materials, tools and equipment and doing all the work involved in preparing and installing the amended soil and drain rock, including but not limited to preparation, excavation, soil placement, and all incidentals, as shown on the Plans and City of Ukiah Standard Plans, and specified in these Construction Details, and no additional allowances will be made therefor.

SECTION 14. EXCLUSIONS FROM GENERAL CONDITIONS

14-01. Provisions to be Excluded from General Conditions. The following designated provisions of the General Conditions are hereby determined to be inapplicable to the proposed work and, therefore, are hereby excluded from the terms of the Notice to Bidders, Proposal, Agreement and other contract documents as though entirely omitted from said General Conditions:

- (1) Section 6-02. Office at the Site
- (2) Section 7-03. Surveys

No other exclusions.

SECTION 15. AMENDMENTS TO GENERAL CONDITIONS

15-01. Sections of General Conditions to be Amended.

The following designated sections of the Special Provisions are hereby amended to read as follows:

No amendments.

NOT FOR BIDDING

BID SUBMITTAL CHECKLIST

The following is a checklist to assist you in your submission of your bid documents. Please make sure you include the following when submitting your bid documents to reduce the risk of having your bid rejected:

Did you include?...

- **Proposal** (Page 44)
 - Unit prices filled out clearly.
 - Extended prices filled out clearly and calculated correctly
 - Total bid amount filled out clearly and calculated correctly
 - Sign the proposal, and provide complete information
 - CLSB No. and expiration date
 - Department of Industrial Relations Public Works Contractor Registration Number
- **Fair Employment Practices Certification** (Page 48)
 - Filled out completely per instruction
- **Worker's Compensation Certificate** (Page 49)
 - Filled out completely per instruction
- **Certification of Non-Discrimination in Employment** (Page 50)
 - Filled out completely per instruction
- **List of Proposed Subcontractors** (Page 51)
 - Filled out completely per instruction
- **Statement of Experience** (Page 52)
- **Signature of Bidder** (Page 53)
 - Filled out completely per instruction
 - Authorized signature provided
- **Bidder's Bond** (Page 54)
 - Filled out completely per instruction
- **Non-Collusion Affidavit** (Page 55)
 - Filled out completely per instruction
 - Notarized
- **Addenda Issued**
 - Check the City website for any addenda issued: www.cityofukiah.com/purchasing.

**CITY OF UKIAH
MENDOCINO COUNTY, CALIFORNIA**

PROPOSAL

**FOR
DORA ST. OVERLAY PROJECT**

SPECIFICATION NO. 21-05

The undersigned, as bidder, declares that he or she has examined thoroughly all of the contract documents herein contained, that this proposal is made without collusion with any other person, firm or corporation and that all laws and ordinances relating to the interest of public officers in this contract have been complied with in every respect.

AND he or she proposes and agrees, if this proposal is accepted,

- 1) that he or she will contract with the City of Ukiah, Mendocino County, California, in the form of the copy of the agreement herein contained
 - a) to provide all necessary machinery, tools, apparatus and other means of construction;
 - b) to furnish all materials;
 - c) to provide all superintendence, overhead expenses and all labor and expenses of whatever nature necessary to complete the job in conformity with the specifications and drawings and other contract provisions herein or reasonably implied hereby or as necessary to complete the work in the manner and within the time named herein and according to the requirements and to the reasonable satisfaction of the City Engineer;
 - d) to pay all charges of freight transportation and hauling;
- 2) that he or she indemnifies the City against any loss or damage arising from any act of the undersigned as Contractor; and
- 3) that he or she will accept as full payment therefor the following sums:

BIDDING SCHEDULE

In the case of any discrepancy between the unit price and the total set forth for the item, the unit price shall prevail; provided, however, that if the amount set forth as a unit price is ambiguous, unintelligible or uncertain for any reason, or is omitted, or in the case of lump sum items, is not the same amount as the entry in the "Total" column, then the amount set forth in the "Total" column for the item shall prevail in accordance with the following:

1. As to lump sum items, the amount set forth in the "Total" column shall be the unit price;
2. As to unit basis items, the amount set forth in the "Total" column shall be divided by the estimated quantity for the item and the price thus obtained shall be the unit price.

The Total Base Bid shall be the sum of the items in the "Total" column. In case of discrepancy between the sum of the items in the "Total" column and the amount entered as Total Base Bid, the sum of the "Total" column items shall prevail. The bid comparison will be based on the sum of the items in the "total" column for each bidder.

The Unit prices for the various Construction Items below include all costs associated with the General Conditions, Special Provisions, Requirements of the Construction Contract, and represent the total, complete, in-place cost for each specific Construction Item in accordance with the Construction Documents, including all elements, work components, accessories, and connections, shown in applicable details or required to yield a complete, sound and functional component or system appropriate for its intended function, whether or not such is specifically described or listed in any description of measurement or payment. The total amount of the Construction items below shall represent the total and complete cost of the fully functional Project. All work not specifically listed below be required to complete the work of the various construction items and the cost of such shall be considered as included throughout the various unit prices indicated.

Lowest bid will be based on the lowest Base Bid.

NAME OF BIDDER:

SPEC #:

21-05

PROJECT NAME:

DORA ST. OVERLAY PROJECT

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	EXTENDED PRICE
1	TRAFFIC CONTROL	LS	1		
2	MOBILIZATION	LS	1		
3	ASPHALT GRINDING	CY	98		
4	ASPHALT CONCRETE FIBER REINFORCED (2" OVERLAY)	TON	1411		
5	ADJUST MANHOLE TO GRADE	EA	7		
6	ADJUST EXISTING VALVE/SSCO TO GRADE	EA	13		
7	PAVEMENT MARKERS	EA	6		
8	TRAFFIC STRIPE - DET 1	LF	1389		
9	TRAFFIC STRIPE - DET 21	LF	603		
10	TRAFFIC STRIPE - DET 27B	LF	3626		
11	TRAFFIC STRIPE - DET 38	LF	215		
12	TRAFFIC STRIPE - DET 39	LF	3522		
13	TRAFFIC STRIPE - DET 39A	LF	375		
14	THERMO X-WALK & PAVEMENT MARKING	SF	1261		
15	REMOVE CONCRETE (CURB & GUTTER)	LF	742		
16	REMOVE CONCRETE (SIDEWALK & FLATWORK)	SF	2951		
17	MINOR CONCRETE (SIDEWALK)	SF	1334		
18	MINOR CONCRETE (CURB AND GUTTER)	LF	476		
19	MINOR CONCRETE (6" PLANTER CURB)	LF	18		
20	MINOR CONCRETE (CURB RAMP)	SF	1979		
21	MINOR CONCRETE (VALLEY GUTTER)	SF	1520		
22	MINOR CONCRETE (BIORETENTION CURB & GUTTER)	LF	83		
23	MINOR CONCRETE (BIORETENTION CURB)	LF	110		

ITEM NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	EXTENDED PRICE
24	INSTALL 3"X12" GALVANIZED BOX DRAIN CHANNEL	LF	61		
25	INSTALL 12" STORM DRAIN REINFORCED CONCRETE PIPE (CLASS IV)	LF	362		
26	REMOVE DRAINAGE INLET	EA	2		
27	PLANTER STORM OVERFLOW INLET	EA	2		
28	DRAINAGE INLET - TYPE GO D73	EA	1		
29	BIORETENTION AREA	SF	490		
30	CONSTRUCTION STAKING	LS	1		
TOTAL				\$	

We, the undersigned, acknowledge that the City Council has reserved the right to reject any or all bids and to determine which proposal is, in its opinion, the lowest responsive bid from a responsible bidder and that which it deems in the best interest of the City to accept. We, the undersigned, further agree, if this proposal shall be accepted, to sign the agreement and to furnish the required bonds with satisfactory surety, or sureties, within fifteen (15) calendar days after written notice that the contract is ready for signature; and, if the undersigned shall fail to contract, as aforesaid, it shall be understood that he or she has abandoned the contract and that, therefore, this proposal shall be null and void and the proposal guaranty accompanying this proposal, or the amount of said guaranty, shall be forfeited to and become the property of the City. Otherwise, the proposal guaranty accompanying this proposal shall be returned to the undersigned.

Witness our hands this day of _____, 20____.

Licensed in accordance with an act providing for the registration of California Contractors License No. _____, expiration date _____.

THE CONTRACTOR'S LICENSE NUMBER AND EXPIRATION DATE STATED HEREIN ARE MADE UNDER PENALTY OF PERJURY.

Department of Industrial Relations Public Works Contractor Registration Number: _____

Signature of bidder or bidders, with business name, address, phone number and fax number:

Notice: In the case of a corporation, give below the addresses of the principal office thereof and names and addresses of the President, Secretary, Treasurer.

FAIR EMPLOYMENT PRACTICES CERTIFICATION

TO: _____

The undersigned, in submitting a bid for performing the following work by Contract, hereby certifies that he or she has or will meet the standards of affirmative compliance with the Fair Employment Practices requirements of the Special Provisions contained herein.

DORA ST. OVERLAY PROJECT

(Signature of Bidder)

Business Mailing Address:

Business Location:

(The bidder shall execute the certification of this page prior to submitting his or her proposal.)

NOT FOR BIDDING

WORKER'S COMPENSATION CERTIFICATE

I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for Worker's Compensation or undertake self-insurance in accordance with the provisions of that code and I will comply with such provisions before commencing the performance of the work of this contract.

Witness my hand this _____ day of _____, 20____

Signature of Bidder, with Business Address:

NOT FOR BIDDING

CERTIFICATION OF NONDISCRIMINATION IN EMPLOYMENT

The bidder represents that he or she has/has not, participated in a previous contract or subcontract subject to either the equal opportunity clause herein or the clause contained in Section 301 of Executive Order 10925; that he or she has/has not, filed all required compliance reports; and that representations indicating submission of required compliance prior to subcontract awards.

Signature and address of Bidder:

_____ Date _____

(This certification shall be executed by the bidder in accordance with Section 60-1.6 of the Regulations of the President's Committee on Equal Employment Opportunity for implementing Executive Orders 10925 and 11114.)

NOT FOR BIDDING

LIST OF PROPOSED SUBCONTRACTORS

In compliance with the provisions of Sections 4100-4108 of the California Public Contract Code and any amendments thereof, each bidder shall set forth (a) the name and location of the place of business of each subcontractor who will perform work or labor or render service in or about the construction site or a subcontractor licensed by the State of California who, under subcontract to the prime contractor, specially fabricates and installs a portion of the work or improvement according to detailed drawings contained in the plans and specifications in an amount in excess of one-half of 1 percent of the total bid and (b) the California Contractor License Number for each subcontractor, and (c) the portion of the work to be done by each subcontractor. (See General Conditions Section 1-09.) Include with the name of each sub-contractor their Department of Industrial Relations Public Works Contractor Registration Number.

SUBCONTRACTOR NAME	SUBCONTRACTOR LICENSE NUMBER	SUBCONTRACTOR DIR REGISTRATION NUMBER	SUBCONTRACTOR BUSINESS ADDRESS	DESCRIPTION OF WORK

STATEMENT OF EXPERIENCE OF BIDDER

The bidder is required to state below what work of similar magnitude or character he or she has done and to give references that will enable the City Council to judge of his or her experience, skill and business standing and his or her ability to conduct work as completely and rapidly as required under the terms of the contract.

NOT FOR BIDDING

SIGNATURE(S) OF BIDDER

Accompanying this proposal is _____
(insert the words "cash (\$)", "cashier's check" or "bidder's bond", as the case may be) in an amount equal to at least 10 percent of the bid.

The names of all persons interested in the foregoing proposal as principals are as follows:

IMPORTANT NOTICE: If bidder or other interested person is a corporation, provide the legal name of corporation and also the names of the president, secretary, treasurer and manager thereof. If a co-partnership, provide the true name of firm and also the names of all individual co-partners composing the firm. If bidder or other interested person is an individual, provide the first and last names in full.

Licensed in accordance with an act providing for the registration of Contractors:

License No. _____, License Expiration Date _____.

Signature(s) of Bidder: _____

NOTE: If bidder is a corporation, the legal name of the corporation shall be set forth above together with the signature of the officer or officers authorized to sign contracts on behalf of the corporation; if bidder is a co-partnership, the true name of the firm shall be set forth above together with the signature of the partner or partners authorized to sign contracts in behalf of the co-partnership; and if bidder is an individual, his or her signature shall be placed above. If a member of a partnership, a Power of Attorney must be on file with the Department prior to opening bids or submitted with the bid; otherwise, the bid will be disregarded as irregular and unauthorized.

Business address: _____

Place of residence: _____

Dated: _____

CITY OF UKIAH
Mendocino County, California

BIDDER'S BOND

KNOW ALL MEN BY THESE PRESENTS,

That we, _____

_____, as PRINCIPAL and

_____, as SURETY,

are held and firmly bound unto the City of Ukiah in the penal sum of 10 PERCENT OF THE TOTAL AMOUNT OF THE BID of the Principal above named, submitted by said Principal to the City of Ukiah, as the case may be, for the work described below, for the payment of which sum in lawful money of the United States, well and truly to be made, to the City Clerk to which said bid was submitted, we bind ourselves, our heirs, executors, administrators and successors jointly and severally, firmly by these presents. In no case shall the liability of the surety hereunder exceed the sum of \$ _____

THE CONDITION OF THIS OBLIGATION IS SUCH,

That whereas the Principal has submitted the above mentioned bid to the City of Ukiah, as aforesaid, for certain construction specifically described as follows, for which bids are to be opened at the Office of the City Clerk, Ukiah Civic Center, Ukiah, California, on xxxxxxxx for DORA ST. OVERLAY PROJECT.

NOW, THEREFORE, If the aforesaid Principal is awarded the contract and, within the time and manner required under the specifications, after the prescribed forms are presented to him or her for signatures, enters into a written contract, in the prescribed form, in accordance with the bid and files two bonds with the City of Ukiah, one to guarantee faithful performance and the other to guarantee payment for labor and materials, as required by law, then this obligation shall be null and void; otherwise, it shall be and remain in full force and virtue.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this _____ day of _____, A.D. 20_____.

_____(Seal)

_____(Seal)

_____(Seal)

Principal

_____(Seal)

_____(Seal)

_____(Seal)

Surety

Address: _____

NON-COLLUSION AFFIDAVIT

Note: Bidder shall execute the affidavit on this page prior to submitting his or her bid.

To City Council, City of Ukiah:

The undersigned in submitting a bid for performing DORA ST. OVERLAY PROJECT by contract, being duly sworn, deposes and says:

that he or she has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with such contract.

Signature(s) of Bidder

Business Address:_____

Place of Residence:_____

NOTARIZATION

Subscribed and sworn to before me this _____ day of _____, 20____.

Notary Public in and for the County of _____, State of California.

My Commission Expires _____, 20 ____.

CITY OF UKIAH
Mendocino County, California

AGREEMENT
FOR
DORA ST. OVERLAY PROJECT
SPECIFICATION NO. 21-05

THIS AGREEMENT, made this _____ day of _____, 20____, by and between the City of Ukiah, Mendocino County, California, hereinafter called the City and _____ hereinafter called the Contractor,

WITNESSETH:

WHEREAS, the City has caused to be prepared in accordance with law, specifications, drawings and other contract documents for the work herein described and shown and has approved and adopted these contract documents, specifications and drawings and has caused to be published in the manner and for the time required by law a notice to bidders inviting sealed proposals for doing the work in accordance with the terms of this contract and

WHEREAS, the Contractor, in response to the notice to bidders, has submitted to the City a sealed proposal accompanied by a proposal guaranty in an amount of not less than 10 percent of the bid price for the construction of the proposed work in accordance with the terms of this contract and

WHEREAS, the City, in the manner prescribed by law, has publicly opened, examined and canvassed the proposals submitted and as a result has determined and declared the Contractor to be the lowest and best regular responsible bidder for the work and for the sums named in the proposal,

NOW, THEREFORE, THIS AGREEMENT WITNESSETH:

Article 1. Work to be Done and Contract Days Allowed.

That the Contractor shall provide all necessary machinery, tools, apparatus and other means of construction; shall furnish all materials, superintendence, overhead, expenses, all labor and expenses of whatever nature necessary for completion of the work in conformity with the Special Provisions and other contract documents hereto attached and according to such instructions as may be given by the Engineer. The Contractor shall complete the work within **forty (40) working days**. Contract days shall be counted starting with the 10th day following receipt of notice that the contract has been executed by the City. Contractor, at his or her option, may begin work prior to start of counting contract days, however, in no event shall the Contractor start work without giving notification to the Engineer at least 72 hours prior to the start of work, without obtaining an encroachment permit from the City, or without having submitted certificates of insurance that have been accepted and approved by the Engineer

Article II. Contract Prices.

That the City shall pay the Contractor the prices stated in the proposal submitted by the Contractor, for complete performance of the contract by the Contractor. The Contractor hereby agrees to accept the prices as full compensation for all material and appliances necessary to the work, for all labor and use of tools and other implements necessary to execute the work contemplated in this contract; for all loss or damage arising out of the nature of the work or from the action of the elements, or from any unforeseen obstructions or difficulties which may be encountered in the prosecution of the work; for all risks of every description connected therewith; for all expenses of the work, as herein specified; for all liability and other insurance, for all overhead and other expenses incident to the work; all according to the Contract Drawings, the Special Provisions, the Details, the instructions and the requirements of the City.

Article III. Labor Discrimination.

Attention is directed to Section 1735 of the Labor Code, which reads as follows:

"No discrimination shall be made in the employment of persons upon public works because of the race, color, national origin or ancestry, or religion of such persons and every contractor for public works violating this section is subject to all the penalties imposed for a violation of this chapter."

In connection with the performance of work under this contract, the Contractor agrees as follows:

- (a) The Contractor will not willfully discriminate against any employee or an applicant for employment because of race, color, religion, ancestry, or national origin. The Contractor will take affirmative action to ensure that applicants are employed and that employees are treated during employment without regard to their race, color, religion, ancestry, or national origin. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the awarding authority setting forth the provisions of this Fair Employment Practice section.
- (b) The Contractor will send to each labor union or representative of workers with which he or she has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the awarding authority, advising the said labor union or worker's representative of the Contractor's commitments under this section, to employees and applicants for employment.
- (c) The Contractor will permit access to his or her records of employment, employment advertisements, application forms and other pertinent data and records by the Fair Employment Practices Commission, City of Ukiah or any other appropriate agency of the State of California designated by the awarding authority, for the purposes of investigation to ascertain compliance with the Fair Employment Practices section of this contract.
- (d) A finding of willful violation of the Fair Employment Practices section of this Contract or of the Fair Employment Practices Act shall be regarded by the awarding authority as a basis for determining the Contractor to be not a "responsible bidder" as to future contracts for which such Contractor may submit bids, for revoking the Contractor's pre-qualification rating, if any and for refusing to establish, reestablish or renew a pre-qualification rating for the Contractor.

The City of Ukiah shall deem a finding of willful receipt of written notice from the Fair Employment Practices Act to have occurred upon that it has investigated and determined that the Contractor has violated the Fair Employment Practices Act and has issued an order under Labor Code Section 1426 or obtained an injunction under Labor Code Section 1429.

Upon receipt of such written notice from the Fair Employment Practices Commission, the City shall notify the Contractor that unless he or she demonstrates to the satisfaction of the awarding authority within a stated period that the violation has been corrected, his or her pre-qualification rating will be revoked at the expiration of such period.

- (e) The Contractor agrees that should the City determine that the Contractor has not complied with the Fair Employment Practices section of this Contract, then pursuant to Labor Code Section 1735 and 1775 the Contractor shall, as a penalty to the City, forfeit for each calendar day or portion thereof, for each person who was denied employment as a result of such non-compliance, the penalties provided in the Labor Code for violation of prevailing wage rates. Such monies may be recovered from the Contractor. The City may deduct any such damages from any monies due the Contractor.
- (f) Nothing contained in this Fair Employment Practices section shall be construed in any manner of fashion so as to prevent the City or the State of California from pursuing any other remedies that may be available at law.
- (g) Prior to awarding the Contract, the Contractor shall certify to the awarding authority that he or she has or will meet the following standards for affirmative compliance, which shall be evaluated in each case by the awarding authority:
 - (1) The Contractor shall provide evidence, as required by the City that he or she has notified all supervisors, foremen and other personnel officers in writing of the content of the anti-discrimination clause and their responsibilities under it.
 - (2) The Contractor shall provide evidence, as required by the City, that he or she has notified all sources of employees' referrals (including unions, employment agencies, advertisements, Department of Employment) of the content of the anti-discrimination clause.
 - (3) The Contractor shall file a basic compliance report, as required by the City. Willfully false statements made in such reports shall be punishable as provided by law. The compliance report shall also spell out the sources of the work force and who has the responsibility for determining whom to hire, or whether or not to hire.
 - (4) Personally, or through his or her representatives, the Contractor shall, through negotiations with the unions with whom he or she has agreements, attempt to develop an agreement which will:
 - a. Spell out responsibilities for nondiscrimination in hiring, referral, upgrading and training.
 - b. Otherwise implement an affirmative anti-discrimination program in terms of the unions' specific areas of skill and geography to the end that qualified minority workers will be available and given and equal opportunity for employment.
 - (5) The Contractor shall notify the City of opposition to the anti-discrimination clause by individuals, firms or organizations during the period of its pre-qualification.
- (h) The Contractor will include the provisions of the foregoing paragraphs 1 through 5 in every first tier subcontract so that such provisions will be binding upon each such subcontractor.
- (i) The "Fair Employment Practices Certification" must be completed and signed prior to the time of submitting the bid.

Article IV. Parts of the Contract.

That the complete contract consists of the following documents, all of which shall be considered a part of this agreement.

1. Notice to Bidders
2. Wage Rates
3. General Conditions
4. Technical Specifications
5. Proposal
6. Fair Employment Practices Certification
7. Agreement
8. Contract Bonds
9. Contract Drawings and Construction Details
10. Standard Drawings
11. Indemnification Agreement

IN WITNESS WHEREOF, this contract being executed in duplicate and the parties having caused their names to be signed by authority of their duly authorized office this _____ day of _____, 20____.

CITY OF UKIAH, MENDOCINO COUNTY, CALIFORNIA

By: _____
CITY MANAGER, CITY OF UKIAH

Attest: _____
CITY CLERK, CITY OF UKIAH

By: _____
CONTRACTOR

Attest: _____

Title: _____

The foregoing contract is approved as to form and legality this _____ day of _____, 20____.

CITY ATTORNEY, CITY OF UKIAH

INDEMNIFICATION AGREEMENT

This Indemnification Agreement is made and entered in Ukiah, California, on _____, 20____,
by and between the City of Ukiah (Ukiah) and _____ (Contractor).

Contractor is

_____ for Ukiah.

As a condition of issuing the work order, attached hereto, Ukiah requires assurance that Contractor will protect Ukiah from damage or damage claims which arise from its performance of the work.

Accordingly, Contractor agrees as follows:

1. **Indemnification.** Contractor shall indemnify and hold harmless Ukiah and its officers, agents, and employees from and against any claim, loss, or damage, including the legal and other costs of defending against any claim of damage or loss which arises out of the Contractor's negligent or wrongful performance under the work order attached hereto, except for claims, losses, or damages resulting from the sole and exclusive negligence or other wrongful conduct of Ukiah or its officers, agents and employees.

CONTRACTOR

BY: _____

TITLE: _____

CITY OF UKIAH
Mendocino County, California

FAITHFUL PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS,

That we the undersigned, _____

AS PRINCIPAL, and

AS SURETY,

are held firmly bound unto **THE CITY OF UKIAH**, hereinafter called the "City", in the penal sum of

_____ dollars (\$ _____)
for the payment of which sum we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally.

WHEREAS, the Principal has entered into a certain Contract with the City, dated _____, 20____,
a copy of which is hereto attached and made a part hereof,

NOW, THEREFORE, the condition of this obligation is such that if the Principal shall in all respects fully perform the Contract and all duly authorized modifications thereof, during its original term and any extensions thereof that may be granted and during any guaranty period for which the Contract provides, and if the Principal shall fully satisfy all claims, arising out of the prosecution of the work under the Contract and shall fully indemnify the City for all expenses which it may incur by reason of such claims, including its attorney's fees and court costs, and if the Principal shall make full payment to all persons supplying labor, services, materials, or equipment in the prosecution of the work under the Contract, in default of which such persons shall have a direct right of action hereupon; and if the Principal shall pay or cause to be paid all sales and use taxes payable as a result of the performance of the Contract as well as payment of gasoline and special motor fuels taxes in the performance of the Contract and all motor vehicle fees required for commercial motor vehicles used in connection with the performance of the Contract, then this obligation shall be void; otherwise, it shall remain in full force and effect. No modification of the Contract or extension of the term thereof, nor any forbearance on the part of the City shall in any way release the Principal or the Surety from liability hereunder. Notice to the Surety of any such modification, extension, or forbearance is hereby waived.

IN WITNESS WHEREOF, the aforesaid Principal and Surety have executed this instrument and affixed their seals hereto, this _____ day of _____, 20____.

In the presence of:

WITNESS:

_____(SEAL)
(Individual Principal)

(Business Address)

(City/State/Zip Code)

WITNESS:

_____(SEAL)
(Corporate Principal)

(Business Address)

(City/State/Zip Code)

ATTEST:

(Corporate Principal) Affix
Corporate
Seal

(Business Address)

(City/State/Zip Code)

ATTEST:

(Corporate Surety) Affix
Corporate
Seal

(Business Address)

(City/State/Zip Code)

The rate of premium on this bond is \$ _____ per thousand.

The total amount of premium charges is \$ _____..

(The above is to be filled in by Surety Company). (Power of Attorney of person signing for Surety Company must be attached).

(CERTIFICATE AS TO CORPORATE PRINCIPAL)

I, _____, certify that I am the
_____ Secretary of the corporation named as Principal in the foregoing bond;
that _____, who signed the said bond on behalf of the Principal, was
then _____ of said corporation; that I know his signature, and
that his signature thereto is genuine; and that said bond was duly signed, sealed, and attested to for and in
behalf of said corporation by authority of its governing body.

Affix Corporate Seal

CITY OF UKIAH
Mendocino County, California

MATERIAL AND LABOR BOND

KNOW ALL MEN BY THESE PRESENTS,

That we the undersigned, _____

_____, **AS PRINCIPAL,**
and

_____, **AS SURETY,**

are held firmly bound unto **THE CITY OF UKIAH**, hereinafter called the "City" in the penal sum of dollars (\$_____) for the payment of which sum we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally.

WHEREAS, the Principal has entered into a certain Contract with the City, dated _____, 20____, a copy of which is hereto attached and made a part hereof,

NOW, THEREFORE, the condition of this obligation is such that if the Principal shall in all respects fully perform the Contract and all duly authorized modifications thereof, during its original term and any extensions thereof that may be granted and during any guaranty period for which the Contract provides, and if the Principal shall fully satisfy all claims, arising out of the prosecution of the work under the Contract and shall fully indemnify the City for all expenses which it may incur by reason of such claims, including its attorney's fees and court costs, and if the Principal shall make full payment to all persons supplying labor, services, materials, or equipment in the prosecution of the work under the Contract, in default of which such persons shall have a direct right of action hereupon; and if the Principal shall pay or cause to be paid all sales and use taxes payable as a result of the performance of the Contract as well as payment of gasoline and special motor fuels taxes in the performance of the Contract and all motor vehicle fees required for commercial motor vehicles used in connection with the performance of the Contract, then this obligation shall be void; otherwise, it shall remain in full force and effect. No modification of the Contract or extension of the term thereof, nor any forbearance on the part of the City shall in any way release the Principal or the Surety from liability hereunder. Notice to the Surety of any such modification, extension, or forbearance is hereby waived.

IN WITNESS WHEREOF, the aforesaid Principal and Surety have executed this instrument and affixed their seals hereto, this _____ day of _____, 20_____.

In the presence of:

WITNESS:

_____(SEAL)
(Individual Principal)

(Business Address)

(City/State/Zip Code)

WITNESS:

_____(SEAL)
(Corporate Principal)

(Business Address)

(City/State/Zip Code)

ATTEST:

(Corporate Principal) Affix
Corporate
Seal

(Business Address)

(City/State/Zip Code)

ATTEST:

(Corporate Surety) Affix
Corporate
Seal

(Business Address)

(City/State/Zip Code)

The rate of premium on this bond is \$ _____ per thousand.

The total amount of premium charges is \$ _____.

(The above is to be filled in by Surety Company). (Power of Attorney of person signing for Surety Company must be attached).

(CERTIFICATE AS TO CORPORATE PRINCIPAL)

I, _____, certify that I am the

Secretary of the corporation named as Principal in the foregoing bond;
that _____, who signed the said bond on behalf of the Principal, was
then _____ of said corporation; that I know his signature, and
that his signature thereto is genuine; and that said bond was duly signed, sealed, and attested to for and in
behalf of said corporation by authority of its governing body.

Affix Corporate Seal

DIRECTIONS FOR PREPARATION OF PERFORMANCE AND MATERIAL AND LABOR BOND

1. Individual sureties, partnerships, or corporations not in the surety business will not be acceptable.
2. The name of the Principal shall be shown exactly as it appears in the Contract.
3. The penal sum shall not be less than required by the Specifications.
4. If the Principals are partners or joint venturers, each member shall execute the bond as an individual and state his place of residence.
5. If the Principal is a corporation, the bond shall be executed under its corporate seal. If the corporation has no corporate seal, it shall so state and affix a scroll or adhesive seal following the corporate name.
6. The official character and authority of the person(s) executing the bond for the Principal, if a corporation, shall be certified by the Secretary or Assistant Secretary thereof under the corporate seal, or copies attached to such records of the corporation as will evidence the official character and authority of the officer signing, duly certified by the Secretary or Assistant Secretary, under the corporate seal, to be true copies.
7. The current power-of-attorney of the person signing for the surety company must be attached to the bond.
8. The date of the bond must not be prior to the date of the Contract.
9. The following information must be placed on the bond by the surety company:
 - a. The rate of premium in dollars per thousand; and
 - b. The total dollar amount of premium charged.
10. The signature of a witness shall appear in the appropriate place attending to the signature of each party of the bond.
11. Type or print the name underneath each signature appearing on the bond.
12. An executed copy of the bond must be attached to each copy of the Contract (original counterpart) intended for signing.

CITY OF UKIAH
Mendocino County, California

DEFECTIVE MATERIAL AND WORKMANSHIP (MAINTENANCE) BOND

KNOW ALL MEN BY THESE PRESENTS,

That we, _____
_____, as **PRINCIPAL**
and _____
_____, as **SURETY**,

are held and firmly bound unto the **City of Ukiah** as Obligee, in the penal sum of

DORA ST. OVERLAY PROJECT

Spec NO. 21-05

_____) (\$ _____),
(5 PERCENT OF THE FINAL CONTRACT AMOUNT)

to which payment well and truly to be made, we do bind ourselves, our and each of our heirs, executors, administrators, successors and assigns jointly and severally, firmly by these presents.

WHEREAS, the said Principal entered into a Contract with the City Of Ukiah

dated _____

for _____

WHEREAS, said Contract has been completed, and was approved on the _____ day of _____,
_____.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the Principal shall guarantee that the work will be free of any defective materials or workmanship which become apparent during the period of one (1) year following completion of the Contract, then this obligation shall be void, otherwise to remain in full force and effect, provided however, any additional warranty or guarantee whether expressed or implied is extended by the Principal or Manufacturer only, and the surety assumes no liability for such a guarantee.

Signed, sealed, and dated this _____ day of _____, 20____.

_____) (Seal)

BY: _____ (Seal)

_____) (Seal)

Principal

_____) (Seal)

BY: _____ (Seal)

_____) (Seal)

Surety



AGENDA SUMMARY REPORT

SUBJECT: Approval of Plans and Specifications for the State Street and Dora Street Rehabilitation Project, Specification No. 21-04, and Direct Staff to Advertise for Bids.

DEPARTMENT: Public Works

PREPARED BY: Andrew Stricklin, Associate Engineer

PRESENTER: Tim Eriksen, Director of Public Works/ City Engineer

ATTACHMENTS:

1. PLANS - 21-04 State and Dora Rehabilitation

Summary: Council will consider approval of the plans and specifications for the State Street and Dora Street Rehabilitation Project, Specification No. 21-04, and direct Staff to advertise for bids. This project will pave the roadway on South State Street from Beacon Lane north to Cherry Street and on South Dora Street from Beacon Lane north to Washington Avenue including improvements to pedestrian and ADA access.

Background: The City Council was presented with a selection of streets to be rehabilitated at the December 15, 2021, meeting regarding the lease revenue bonding to renovate the city Corporation Yard and improve various city streets. With the Council approval to pursue bonding at the February 2, 2022, meeting and subsequent award of said bonds, Public Works has completed both plans and specifications for the State Street and Dora Street Rehabilitation Project.

Discussion: City Staff has completed plans and specifications (Attachment 1) for the State Street and Dora Street Rehabilitation Project. This project will overlay the roadway with 2" of asphalt on South State Street from Beacon Lane north to Cherry Street and on South Dora Street from Beacon Lane north to Washington Avenue. The City will also be removing on-street parking on both sides of State Street from Beacon Lane to Cherry Street. In place will be added bike lanes for both north and southbound travel. Removal of the on-street parking will be discussed and require Council approval at an upcoming meeting. Paving of State Street with continuous bike lanes will continue north from Cherry Street to Mill Street as part of second phase of the streetscape project. Work will also include improvements to pedestrian and ADA access with construction of curb ramps in the project area. The construction estimate for this project is \$1,600,000.

Recommended Action: Approve the Plans and Specifications for the State Street and Dora Street Rehabilitation Project, Specification No. 21-04, and direct Staff to advertise for bids.

BUDGET AMENDMENT REQUIRED: Yes

CURRENT BUDGET AMOUNT: \$0

PROPOSED BUDGET AMOUNT: To be determined after bid opening

FINANCING SOURCE: Series 2022 Lease Revenue Bonds

PREVIOUS CONTRACT/PURCHASE ORDER NO.:

COORDINATED WITH: Tim Eriksen, Director of Public Works/ City Engineer

Approved: 
Sage Sangiacomo, City Manager

STATE ST. AND DORA ST. REHABILITATION PROJECT

ATTACHMENT 1

SPECIFICATION NO. 21-04

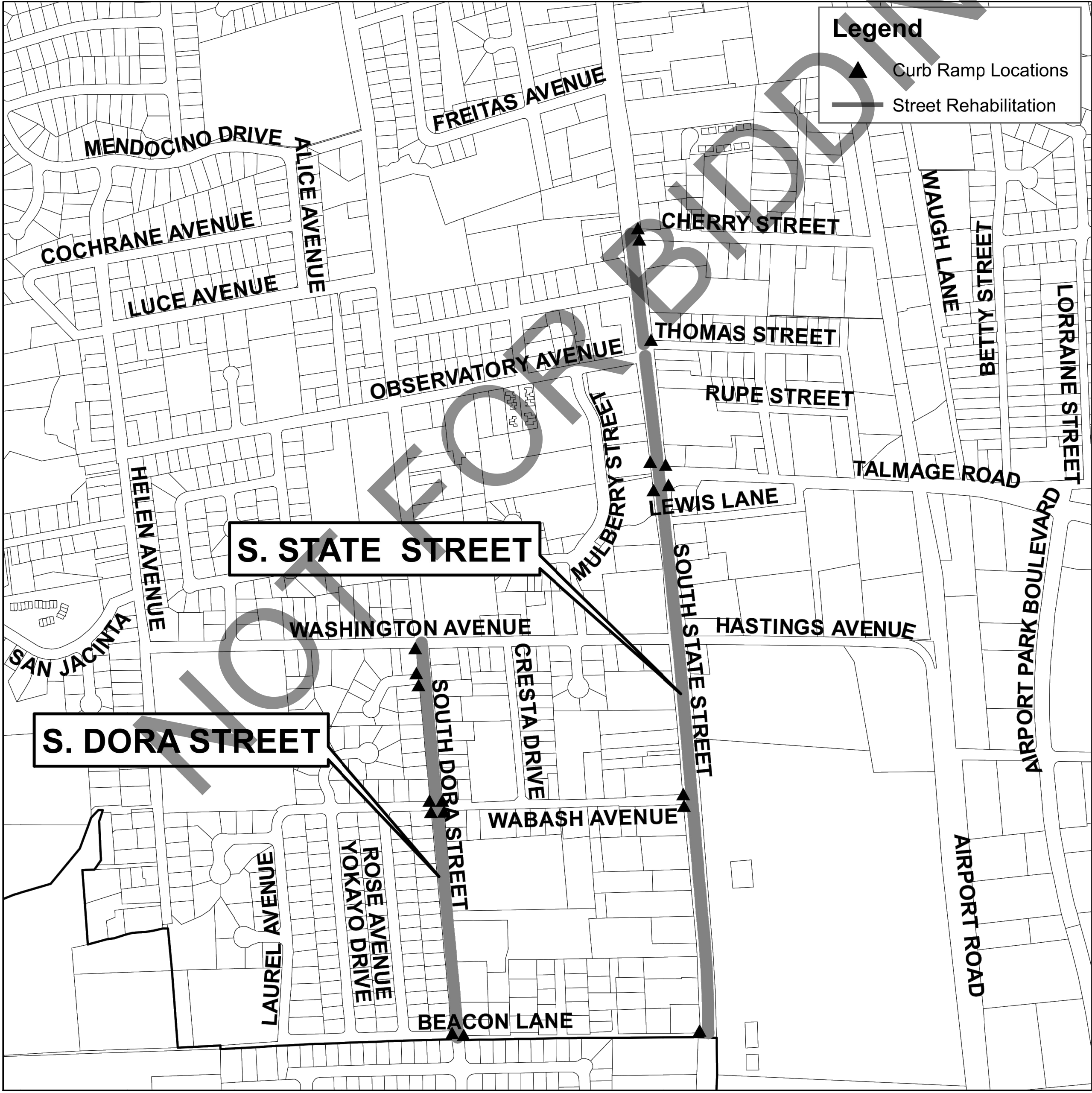
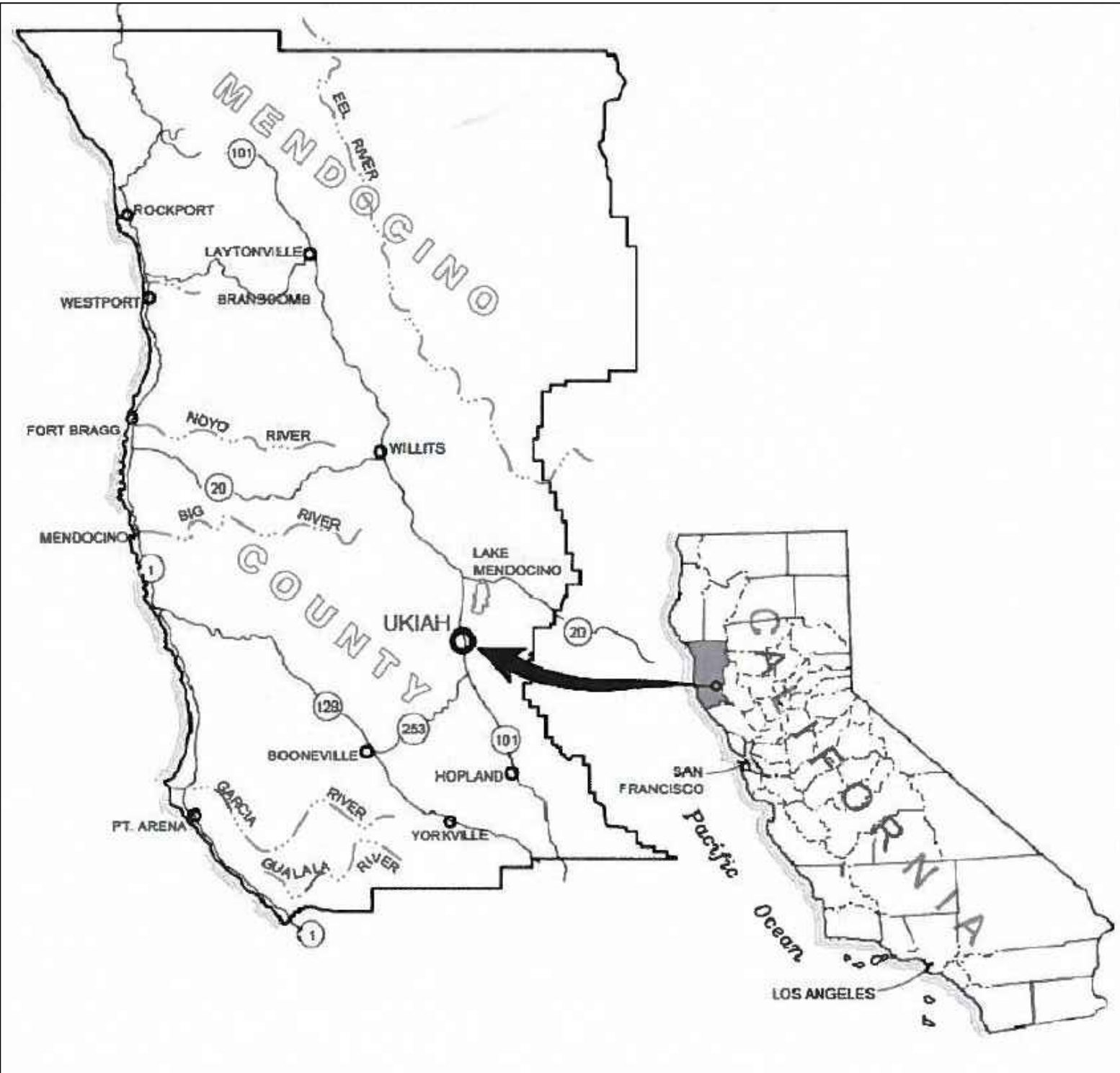
S. STATE STREET FROM BEACON LANE TO CHERRY ST. AND
S. DORA STREET FROM BEACON LANE TO WASHINGTON AVE.

UKIAH, CALIFORNIA

VICINITY MAP

LOCATION MAP

APPROVALS



APPROVED BY: TIMOTHY E. ERIKSEN, P.E.
DIRECTOR OF PUBLIC WORKS / CITY ENGINEER

DATE: _____

DESIGNED BY: ANDREW R. STRICKLIN
ASSOCIATE ENGINEER, PUBLIC WORKS

DATE: _____

STATE ST. AND DORA ST. REHABILITATION
PROJECT

Project
Plan

CITY OF UKIAH
300 Seminary Avenue
Ukiah, CA 95482



DRAWN: A.R.S.
CHECKED BY: T.E.
JOB NUMBER: SPEC NO. 21-04
DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2021\SPEC 21-04 STATE AND DORA REHABILITATION\STATE AND DORA REHABILITATION.DWG

SCALE:
DATE: OCTOBER 2021
DRAWING NUMBER:
G-001

COVER PAGE AND DETAILS

GENERAL CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL READ AND MAKE CAREFUL EXAMINATION OF THE PLANS, SPECIFICATIONS, QUANTITIES AND MATERIAL ESTIMATES AND VISIT THE SITE OF THE PROPOSED CONSTRUCTION TO BECOME FAMILIAR WITH THE SITE CONDITIONS AND LIMITATIONS BEFORE MAKING A BID. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL ERRORS RESULTING FROM THE FAILURE TO MAKE SUCH AN EXAMINATION. ANY INFORMATION DERIVED FROM THE MAPS, PLANS, SPECIFICATIONS, PROFILES, DRAWINGS OR FROM THE ENGINEER WILL NOT RELIEVE THE CONTRACTOR FROM ANY RISK OR FROM FULFILLING THE TERMS OF THE CONTRACT.
2. ALL CONSTRUCTION SHALL CONFORM TO THE CALIFORNIA DEPARTMENT OF TRANSPORTATION 2015 STANDARD SPECIFICATIONS, CITY OF UKIAH STANDARD DRAWINGS, THE PROJECT PLANS, AND THE PROJECT SPECIAL PROVISIONS UNLESS OTHERWISE NOTED.
3. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (U.S.A.) TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION. DIAL (TOLL FREE) 1-800-642-2444 OR 811.
4. CONSTRUCTION MATERIALS AND EQUIPMENT SHALL BE NEW AND OF A QUALITY EQUAL TO THAT SPECIFIED OR APPROVED. WORK SHALL BE DONE AND COMPLETED IN A THOROUGH AND WORKMANLIKE MANNER.
5. WHENEVER ANY MATERIAL OR EQUIPMENT IS INDICATED OR SPECIFIED BY PATENT OR PROPRIETARY NAME OR BY THE NAME OF THE MANUFACTURER, SUCH SPECIFICATION SHALL BE CONSIDERED AS USED FOR DESCRIBING THE MATERIAL OR EQUIPMENT DESIRED AND SHALL BE CONSIDERED AS FOLLOWED BY THE WORDS "OR APPROVED EQUAL". THE CONTRACTOR MAY OFFER ANY MATERIAL OR EQUIPMENT WHICH SHALL BE EQUAL IN EVERY RESPECT TO THAT SPECIFIED; PROVIDED THAT WRITTEN APPROVAL FIRST IS OBTAINED FROM THE CITY ENGINEER.
6. MATERIALS SHALL BE SO STORED TO ENSURE THE PRESERVATION OF THEIR QUALITY AND FITNESS FOR THE WORK. ALL MATERIALS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR (UNLESS OTHERWISE NOTED). THEY SHALL BE SO LOCATED AND DISPOSED THAT PROMPT AND PROPER INSPECTION THEREOF MAY BE MADE.
7. THE CITY SHALL HAVE THE RIGHT TO TAKE POSSESSION OF AND USE ANY COMPLETED OR PARTIALLY COMPLETED PORTIONS OF THE WORK, NOT WITHSTANDING THE TIME FOR COMPLETING THE ENTIRE WORK OR SUCH PORTIONS WHICH MAY NOT HAVE EXPIRED; BUT SUCH TAKING OF POSSESSION AND USE SHALL NOT BE DEEMED AN ACCEPTANCE OF ANY WORK NOT COMPLETED IN ACCORDANCE WITH THE PROJECT PLANS AND SPECIFICATIONS. IF SUCH PRIOR USE INCREASES THE COST OF OR DELAYS THE WORK, THE CONTRACTOR SHALL BE ENTITLED TO SUCH COMPENSATION, OR EXTENSION OF TIME OR BOTH, AS THE ENGINEER MAY DETERMINE.
8. PROJECT REQUIRES A CLASS A GENERAL ENGINEERING CONTRACTOR'S LICENSE IN THE STATE OF CALIFORNIA.
9. QUANTITIES OF ITEMS, LENGTH OF PROJECT, AND SITE CONDITIONS SHOWN IN THE PLANS ARE APPROXIMATE.
10. CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE CITY AND THEIR REPRESENTATIVES HARMLESS FROM ANY AND

ALL LIABILITY, REAL AND/OR ALLEGED, IN CONJUNCTION WITH THE PERFORMANCE OF THIS PROJECT.

11. CONTRACTOR SHALL VERIFY LOCATIONS, ELEVATIONS, DISTANCES, AND FEATURES THAT MAY AFFECT THE WORK. SHOULD EXISTING CONDITIONS DIFFER FROM THOSE SHOWN OR INDICATED, OR IF IT APPEARS THAT THESE PLANS, STANDARD SPECIFICATIONS, AND SPECIAL PROVISIONS DO NOT ADEQUATELY DETAIL THE WORK TO BE DONE, CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONTINUING WITH ANY RELATED WORK. NO ALLOWANCE WILL BE MADE ON HIS BEHALF FOR ANY EXTRA EXPENSE RESULTING FROM FAILURE OR NEGLECT IN DETERMINING THE CONDITIONS UNDER WHICH WORK IS TO BE PERFORMED. NOTED DIMENSIONS TAKE PRECEDENCE OVER SCALE.
12. A SET OF APPROVED CONSTRUCTION DRAWINGS AND SPECIAL PROVISIONS SHALL BE KEPT AT ALL TIMES AT THE JOB SITE ON WHICH ALL CHANGES OR VARIATIONS IN THE WORK, INCLUDING ALL EXISTING UTILITIES, ARE TO BE RECORDED AND/OR CORRECTED DAILY BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER WHEN THE WORK TO BE DONE IS COMPLETED.
13. CONTRACTOR SHALL PROVIDE AND MAINTAIN SUFFICIENT TEMPORARY BARRIERS TO PROVIDE FOR THE SAFETY OF THE PUBLIC TO THE SATISFACTION OF THE ENGINEER.
14. CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 72 HOURS IN ADVANCE OF COMMENCEMENT OF ANY PART OF THE WORK AND SHALL COORDINATE CONSTRUCTION SCHEDULE WITH CITY OF UKIAH REPRESENTATIVE TO MINIMIZE IMPACT TO RESIDENTS AND ADJACENT LANDOWNERS.
15. UNSUITABLE EXCAVATED MATERIAL SHALL BE REMOVED FROM SITE AND DISPOSED OF IN A MANNER CONSISTENT WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY AND EXPENSE FOR PROPER DISPOSAL OF UNSUITABLE MATERIALS TAKEN FROM SITE AND PROVIDE WRITTEN DOCUMENTATION OF PERMISSION AND ENVIRONMENTAL DOCUMENTATION FOR USE OF ANY DISPOSAL SITE AS REQUESTED BY THE ENGINEER.
16. THE DESIGN FEATURES INCLUDING HORIZONTAL AND VERTICAL ALIGNMENTS, TYPICAL SECTIONS, APPROACHES, AND OTHER DESIGN DETAILS SHOWN ON THESE DESIGN PLANS SHALL NOT BE ALTERED OR MODIFIED IN ANY WAY DURING CONSTRUCTION WITHOUT THE EXPRESSED, WRITTEN DIRECTION AND APPROVAL OF THE ENGINEER AND/OR CONTRACTING OFFICER.
17. NO WORK SHALL BE PERFORMED OUTSIDE OF THE DESIGNATED CONSTRUCTION LIMITS WITHOUT THE APPROVAL OF THE CITY.
18. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING APPROVED STAGING AREAS WITH THE CITY OF UKIAH CITY ENGINEER.
19. CONTRACTOR SHALL PROVIDE RECORD DRAWINGS AT THE COMPLETION OF CONSTRUCTION PER CITY REQUIREMENTS.
20. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL DAMAGED AREAS DURING CONSTRUCTION, INCLUDING, BUT NOT LIMITED TO ASPHALT, CONCRETE, CURB, GUTTER, SIDEWALK, LANDSCAPING, AND RESTORING TO ORIGINAL OR BETTER CONDITION.

CURB RAMP NOTES:

1. THE TRANSITION FROM RAMPS TO GUTTERS OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT CHANGES.
2. SLOPE OF SIDE FLARE SHALL BE (9%) MAXIMUM.
3. RAMP AND SIDE FLARE AREA SHALL BE CONSTRUCTED WITH A HEAVY BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
4. DETECTABLE WARNING SURFACE SHALL CONSIST OF TRUNCATED DOMES ALIGNED IN A SQUARE GRID PATTERN PER CALTRANS STD. A88A.
5. WEAKENED PLANE JOINTS: $\frac{1}{8}$ " WIDE X 1-1/2" DEEP.
6. REFER TO CITY STANDARD DRAWING 102 FOR APPLICABLE SIDEWALK, CURB AND GUTTER DETAILS.
7. GUTTER AND ROAD SURFACE ADJACENT TO CURB RAMP SHALL NOT EXCEED 5% RUNNING SLOPE OR 2% CROSS SLOPE UNLESS AS SPECIFIED IN PLANS IN CONFORMING TO EXISTING CONDITIONS.
8. 4' X 4' LANDING AREA NOT TO EXCEED 2% SLOPE IN ANY DIRECTION.
9. ALL RAMPS SHALL BE INSTALLED PER CALTRANS STD. PLAN A88A, CITY OF UKIAH STD. DWG.111, AND AS SHOWN ON PLANS.
10. WHERE PUBLIC UTILITY LINES OR EQUIPMENT MUST BE REMOVED OR RELOCATED, OBTAIN THE NECESSARY APPROVALS FROM THE APPROPRIATE DEPARTMENT PRIOR TO STARTING WORK.
11. EXPANSION JOINTS SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF UKIAH STD. DWG. 101, OR AS DIRECTED BY THE CITY ENGINEER.
12. WHENEVER FEASIBLE, CONCRETE TO BE REMOVED AND REPLACED TO CONFORM 4 FT. FROM RAMP OR EXISTING SCORE LINES. DETERMINATION MADE BY CITY ENGINEER.

SHEET NO.	TITLE
GENERAL	
G-001 TO G-002	TITLE SHEET, NOTES AND INDEX
DEMOLITION AND IMPROVEMENT PLAN	
D-100 TO D-103	SOUTH STATE ST. - STA 5+50 - 54+94
D-104 TO D-105	SOUTH DORA ST. - STA 0+00 - 19+00
DETAILS	
C-400 TO C-405	CURB RAMPS DETAILS
C-500	STANDARD DETAILS
STRIPING	
P-100 TO P-103	SOUTH STATE ST. - STA 5+50 - 54+94
P-104 TO P-105	SOUTH DORA ST. - STA 0+00 - 19+00

DRAWING INDEX - S. DORA STREET

D-100
P-100

D-100
P-100

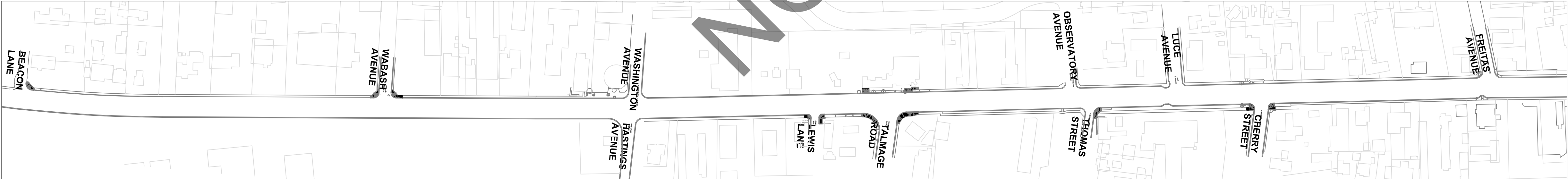
D-101
P-101

D-101
P-101

D-102
P-102

D-102
P-102

D-103
P-103

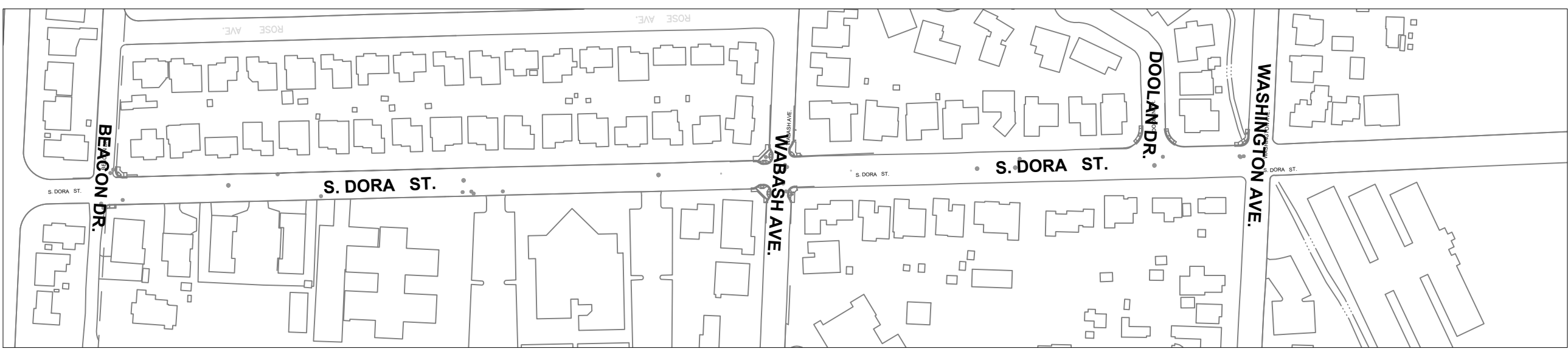


D-104
P-104

D-104
P-104

D-105
P-105

D-105
P-105



DRAWN:
A.R.S.

CHECKED BY:
T.E.

JOB NUMBER:
SPEC NO. 21-04

DRAWING FILE:
S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2021\SPEC 21-04 STATE AND DORA REHABILITATION\STATE AND DORA REHABILITATION.DWG

CITY OF UKIAH

300 Seminary Avenue
Ukiah, CA 95482

STATE ST. AND DORA ST. REHABILITATION PROJECT

Project

COVER PAGE AND DETAILS

Plan

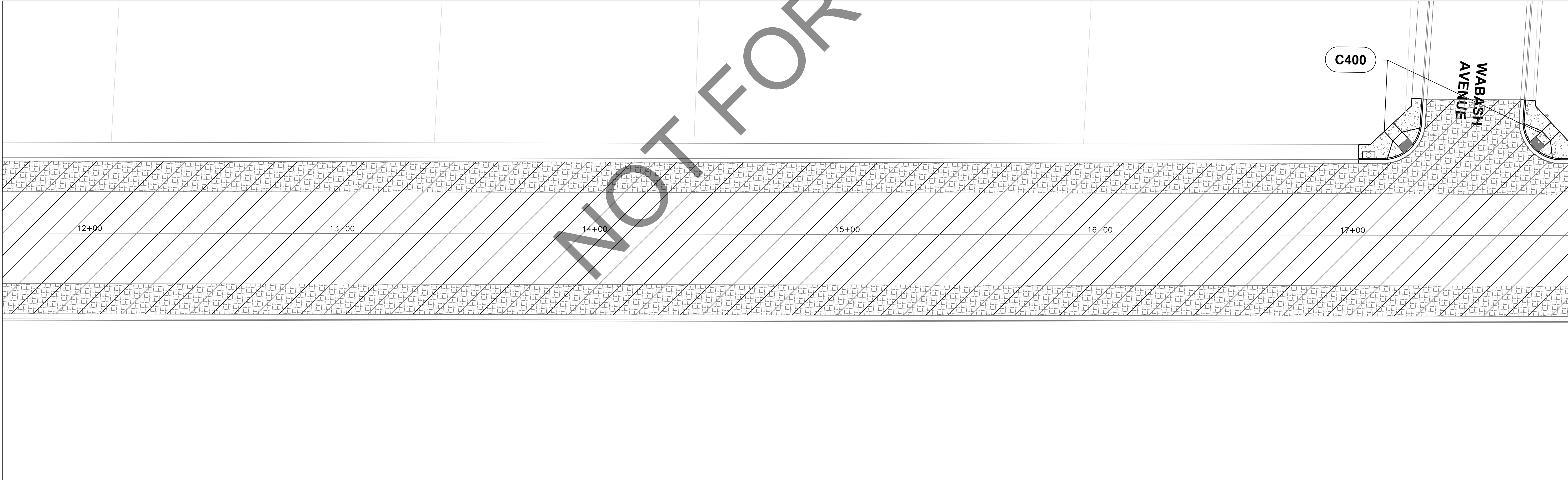
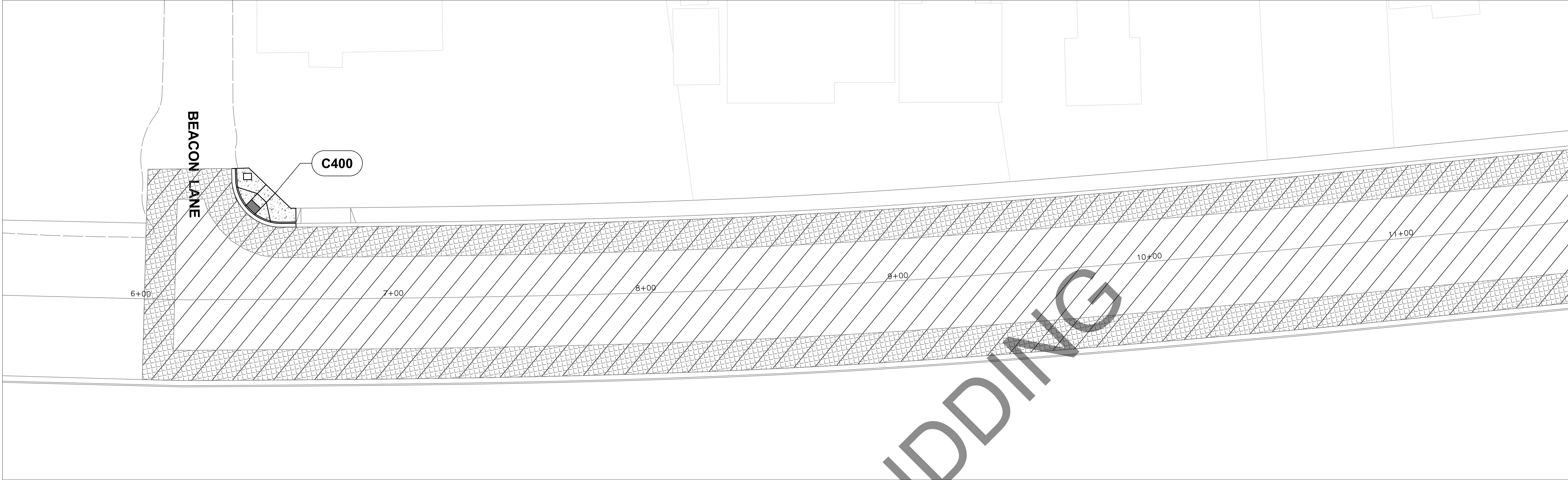
SCALE:

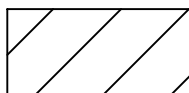
DATE:

OCTOBER 2021

DRAWING NUMBER:

G-002



- C4XX** CONSTRUCTION DETAILS FOR CURB RAMP
-  2" EDGE GRIND LOCATION
-  2" HMA OVERLAY LOCATION

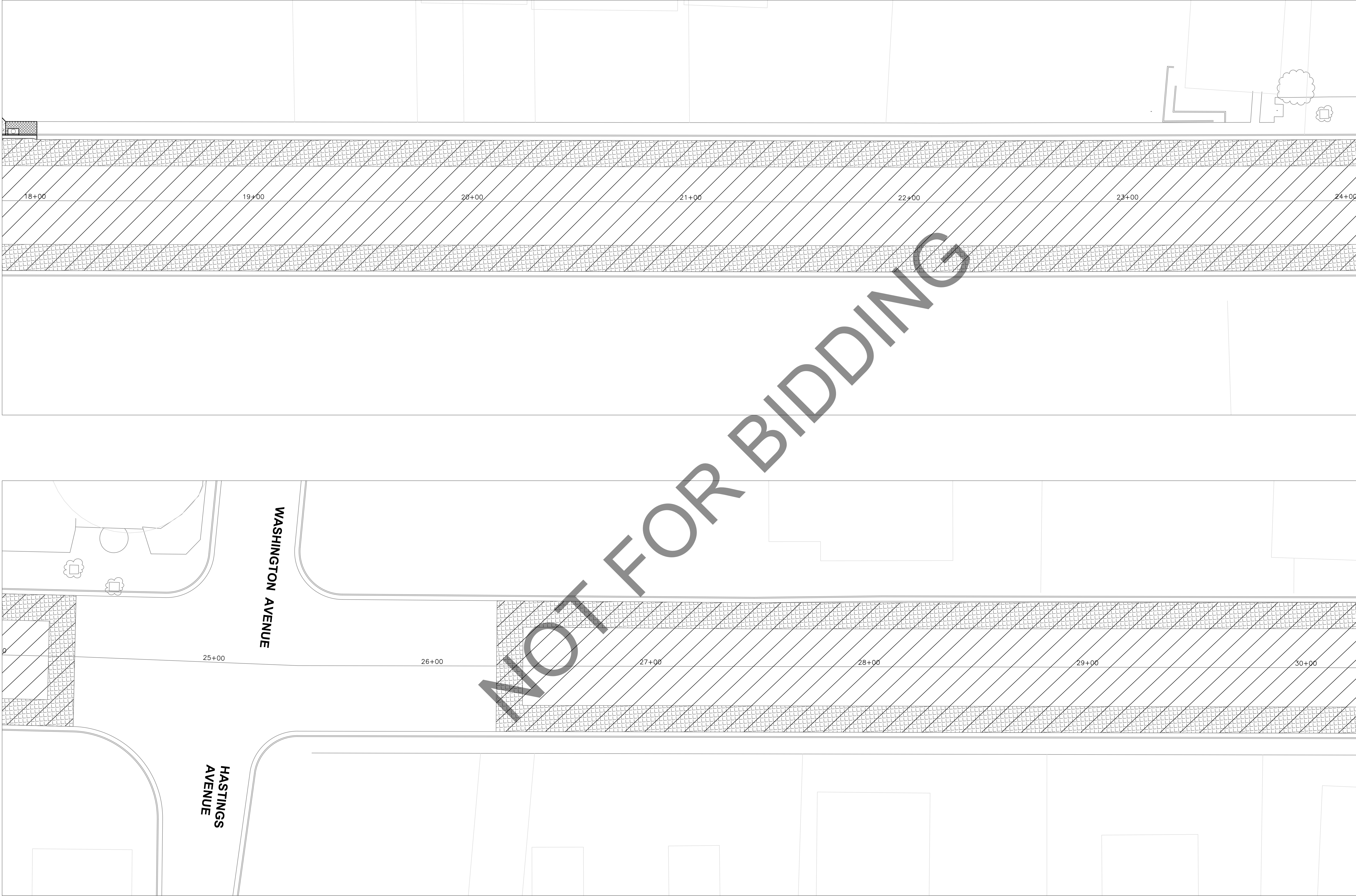
DRAWN: A.R.S.
CHECKED BY: T.E.
JOB NUMBER: SPEC NO. 21-04
DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2021\SPEC 21-04 STATE AND DORA REHABILITATION\STATE AND DORA REHABILITATION.DWG

CITY OF UKIAH
300 Seminary Avenue
Ukiah, CA 95482

STATE ST. AND DORA ST. REHABILITATION PROJECT

DEMOLITION AND IMPROVEMENT PLAN

SCALE:
DATE: OCTOBER 2021
DRAWING NUMBER: **D-100**



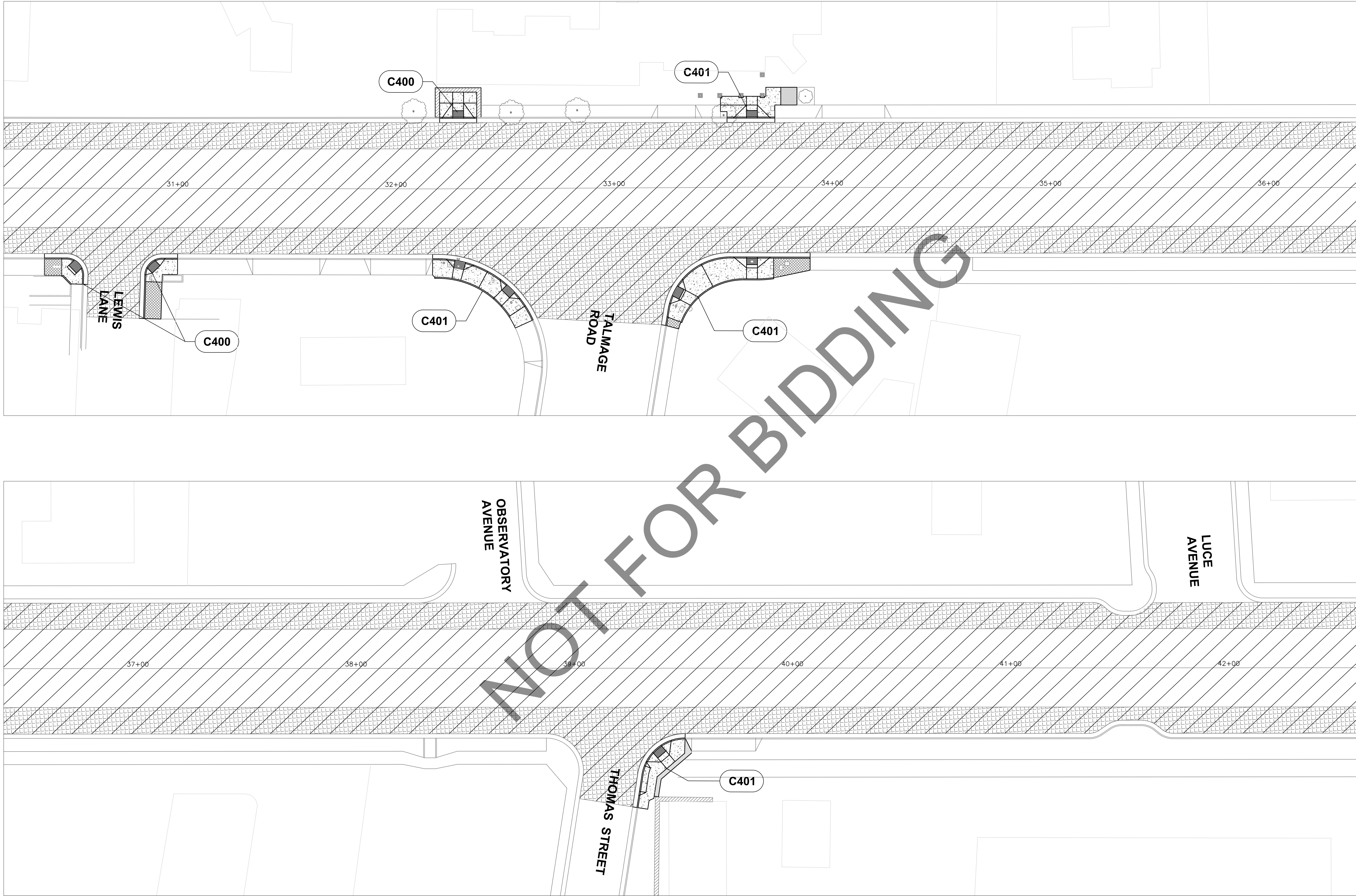
C4XX

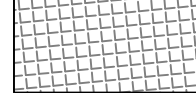
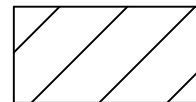
CONSTRUCTION DETAILS FOR CURB RAMP

2" EDGE GRIND LOCATION

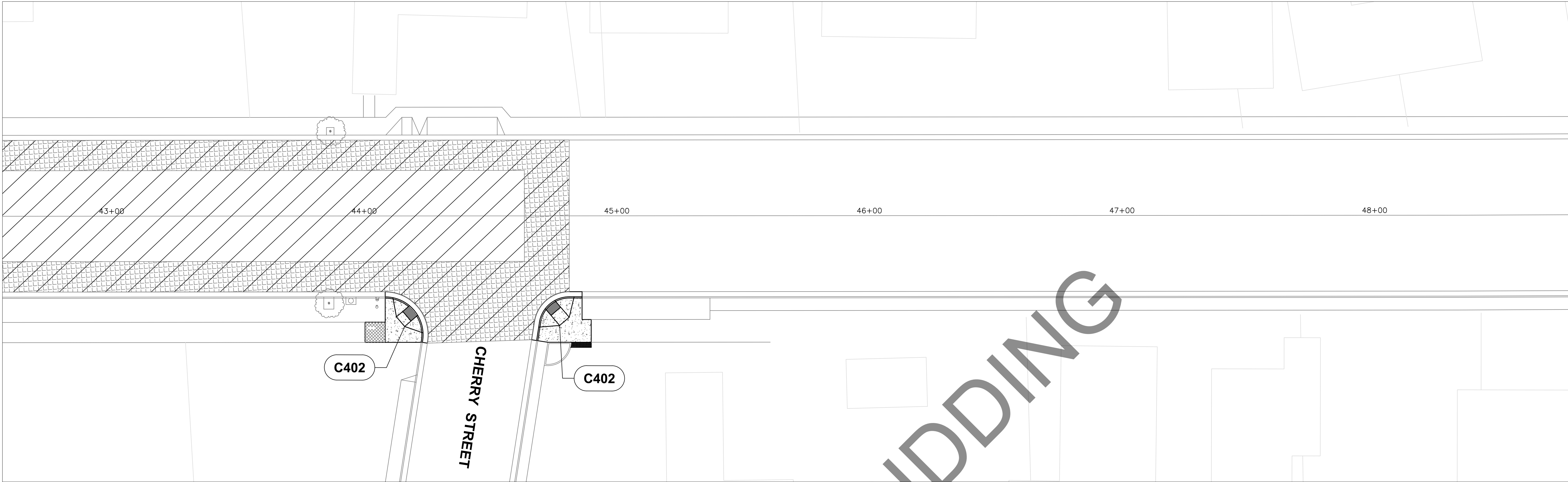
2" HMA OVERLAY LOCATION

CITY OF UKIAH  300 Seminary Avenue Ukiah, CA 95482		Project	State St. and Dora St. Rehabilitation Project	SCALE: DATE: OCTOBER 2021 DRAWING NUMBER: D-101
DRAWN: A.R.S.		Plan	DEMOLITION AND IMPROVEMENT PLAN	
CHECKED BY: T.E.				
JOB NUMBER: SPEC NO. 21-04				
DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2021\SPEC 21-04 STATE AND DORA REHABILITATION\STATE AND DORA REHABILITATION.DWG				



- C4XX** CONSTRUCTION DETAILS FOR CURB RAMP
-  2" EDGE GRIND LOCATION
-  2" HMA OVERLAY LOCATION

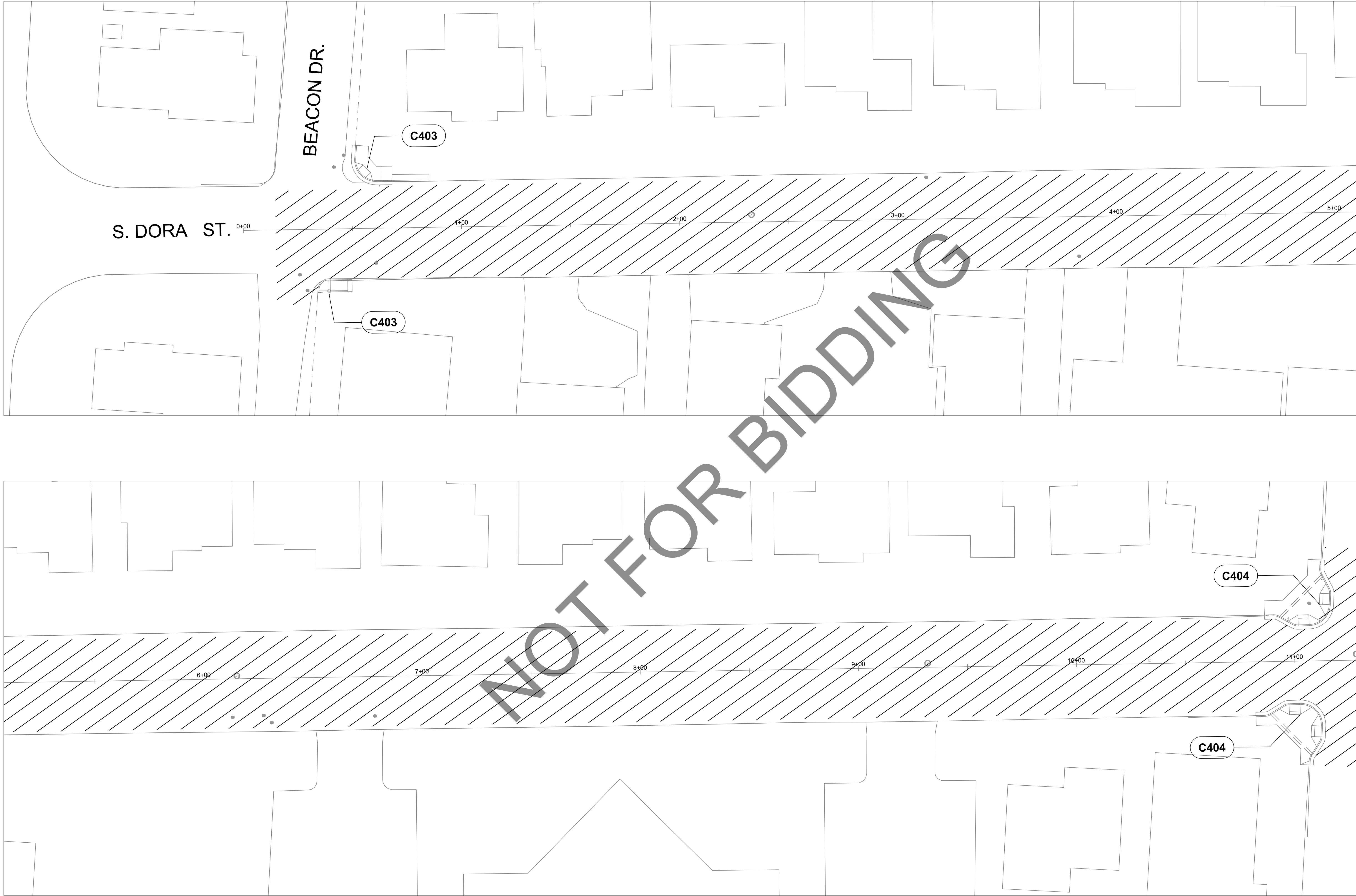
CITY OF UKIAH 300 Seminary Avenue Ukiah, CA 95482		Project	STATE ST. AND DORA ST. REHABILITATION PROJECT	SCALE: DATE: OCTOBER 2021 DRAWING NUMBER: D-102
		Plan	DEMOLITION AND IMPROVEMENT PLAN	
DRAWN: A.R.S.	CHECKED BY: T.E.			
JOB NUMBER: SPEC NO. 21-04				
DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2021\SPEC 21-04 STATE AND DORA REHABILITATION\STATE AND DORA REHABILITATION.DWG				



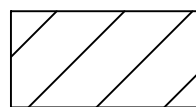
- C4XX

CONSTRUCTION DETAILS FOR CURB RAMP
- 2" EDGE GRIND LOCATION
- 2" HMA OVERLAY LOCATION

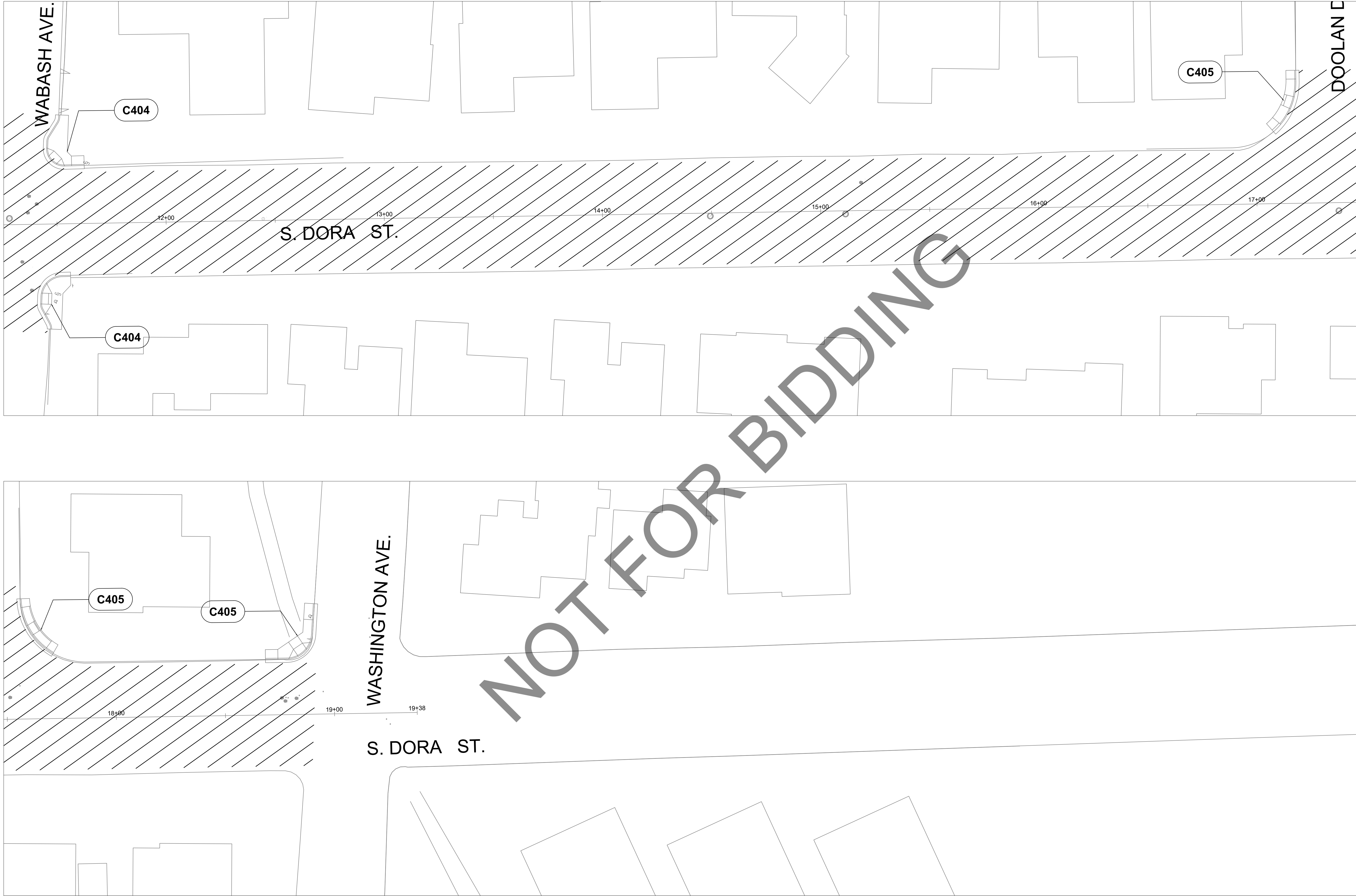
CITY OF UKIAH  300 Seminary Avenue Ukiah, CA 95482		Project	STATE ST. AND DORA ST. REHABILITATION PROJECT	SCALE: DATE: OCTOBER 2021 DRAWING NUMBER: D-103
DRAWN: A.R.S.		Plan	DEMOLITION AND IMPROVEMENT PLAN	
CHECKED BY: T.E.				
JOB NUMBER: SPEC NO. 21-04				
DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2021\SPEC 21-04 STATE AND DORA REHABILITATION\STATE AND DORA REHABILITATION.DWG				



C4XX CONSTRUCTION DETAILS FOR CURB RAMP

 FULL WIDTH GRIND AND 2" HMA OVERLAY LOCATION

Project		STATE ST. AND DORA ST. REHABILITATION PROJECT	
Plan		DEMOLITION AND IMPROVEMENT PLAN	
DRAWN: A.R.S.		CITY OF UKIAH	
CHECKED BY: T.E.			
JOB NUMBER: SPEC NO. 21-04		300 Seminary Avenue Ukiah, CA 95482	
DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2021\SPEC 21-04 STATE AND DORA REHABILITATION\STATE AND DORA REHABILITATION.DWG		Project	
SCALE: DATE: OCTOBER 2021 DRAWING NUMBER: D-104		Project	

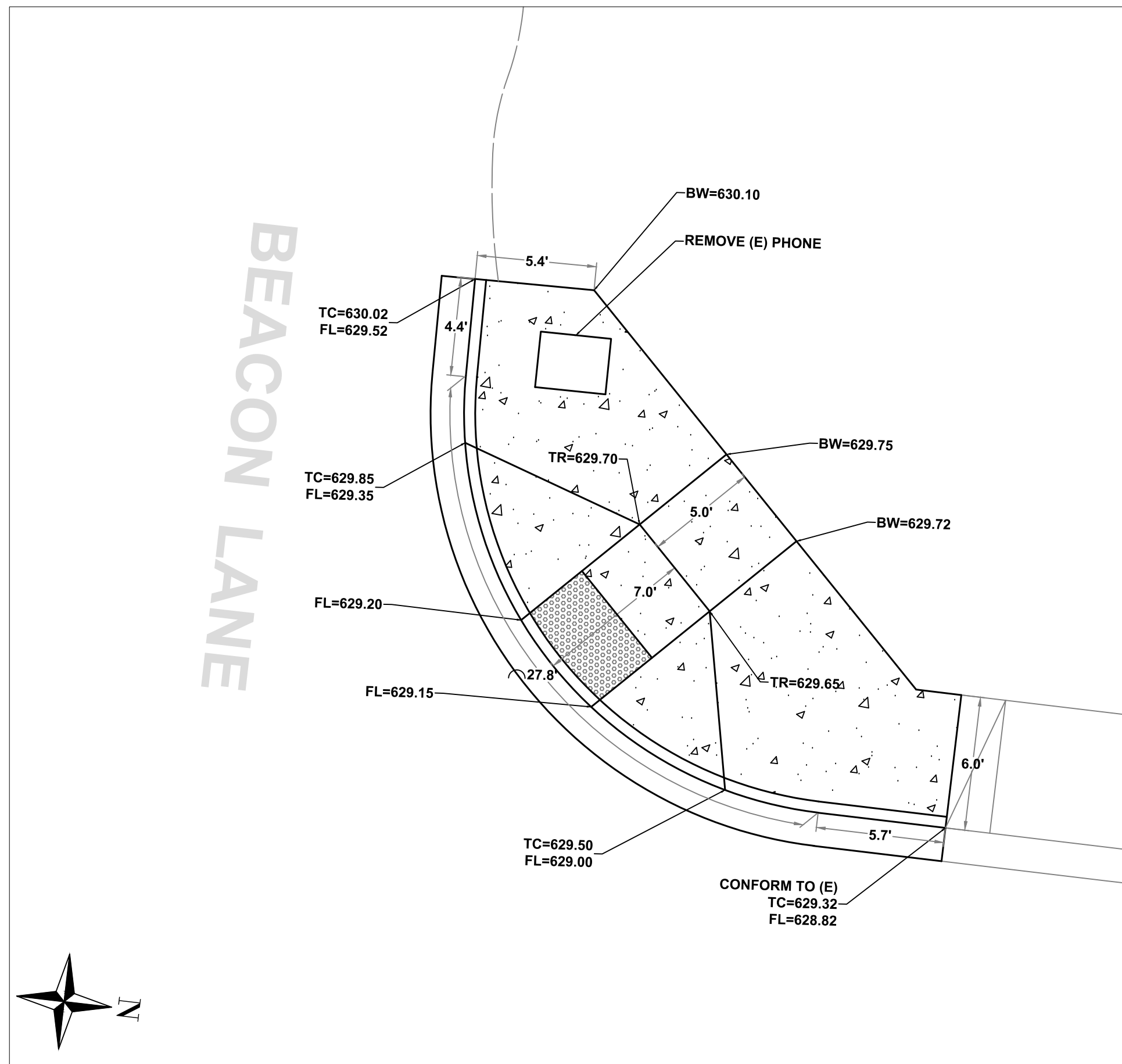


C4XX

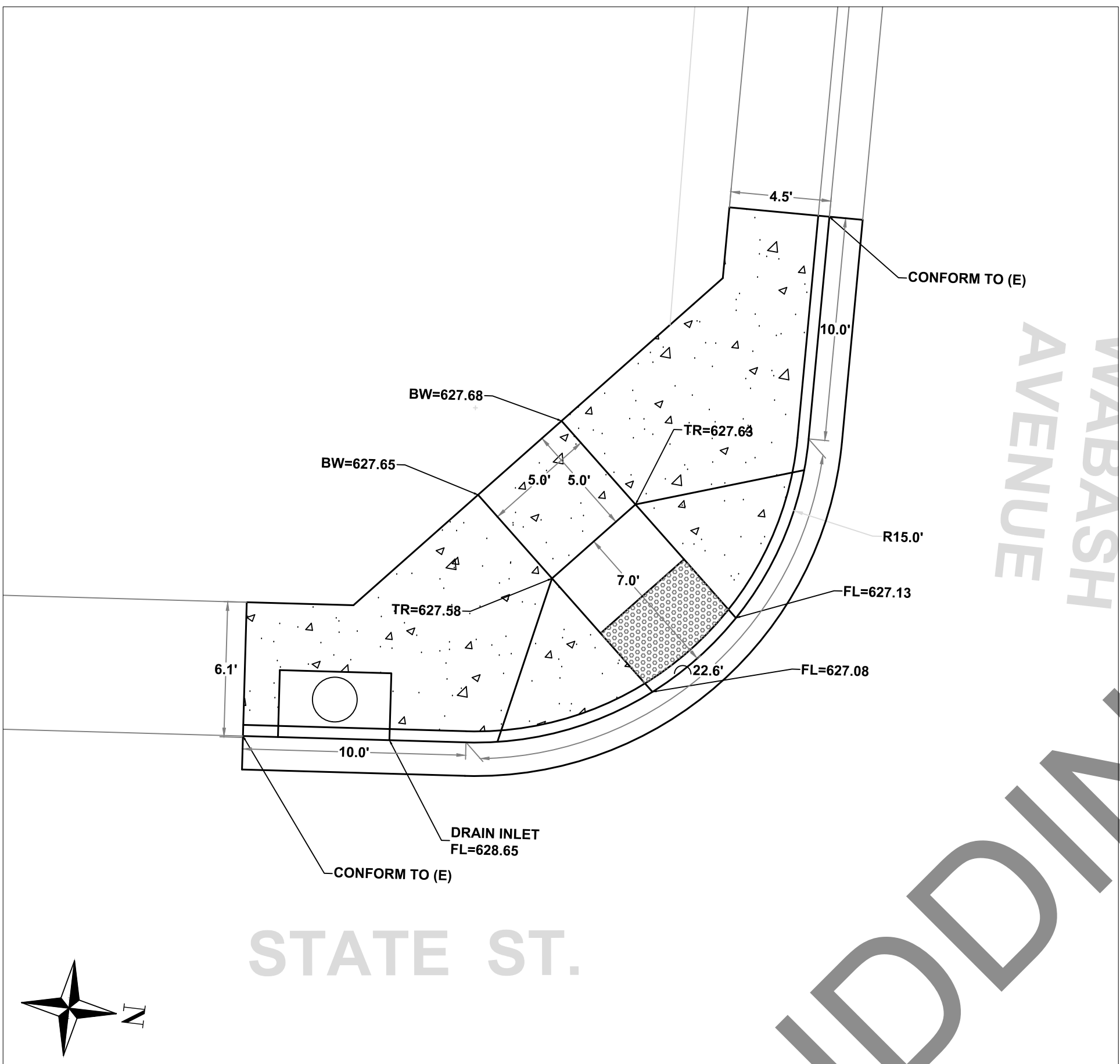
CONSTRUCTION DETAILS FOR CURB RAMP

FULL WIDTH GRIND AND 2" HMA OVERLAY LOCATION

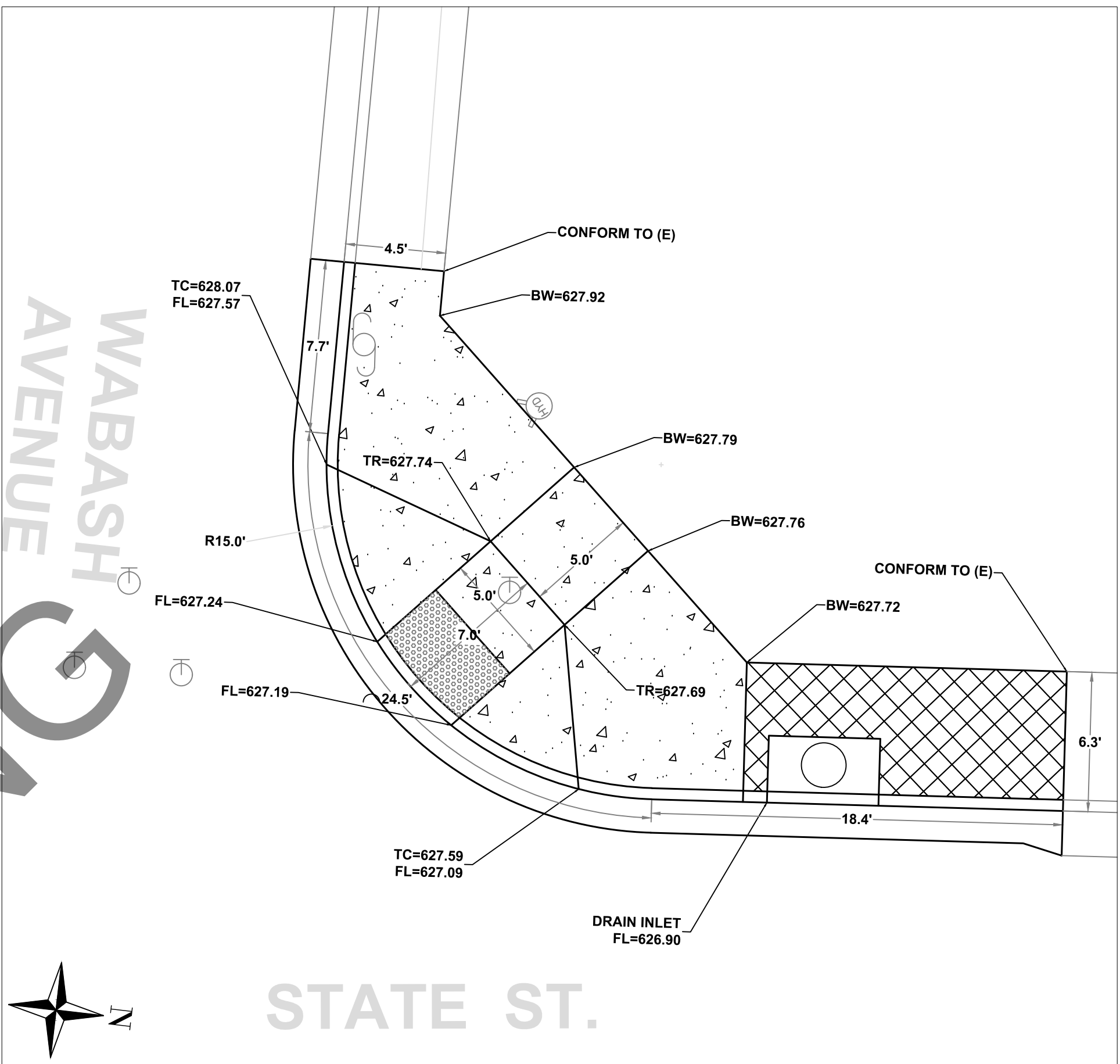
DRAWN: A.R.S.		SCALE:		DATE: OCTOBER 2021	
CHECKED BY: T.E.		PROJECT		DRAWING NUMBER:	
JOB NUMBER: SPEC NO. 21-04		STATE ST. AND DORA ST. REHABILITATION PROJECT		D-105	
DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2021\SPEC 21-04 STATE AND DORA REHABILITATION\STATE AND DORA REHABILITATION.DWG		DEMOLITION AND IMPROVEMENT PLAN			
CITY OF UKIAH		Project		Plan	
300 Seminary Avenue Ukiah, CA 95482					



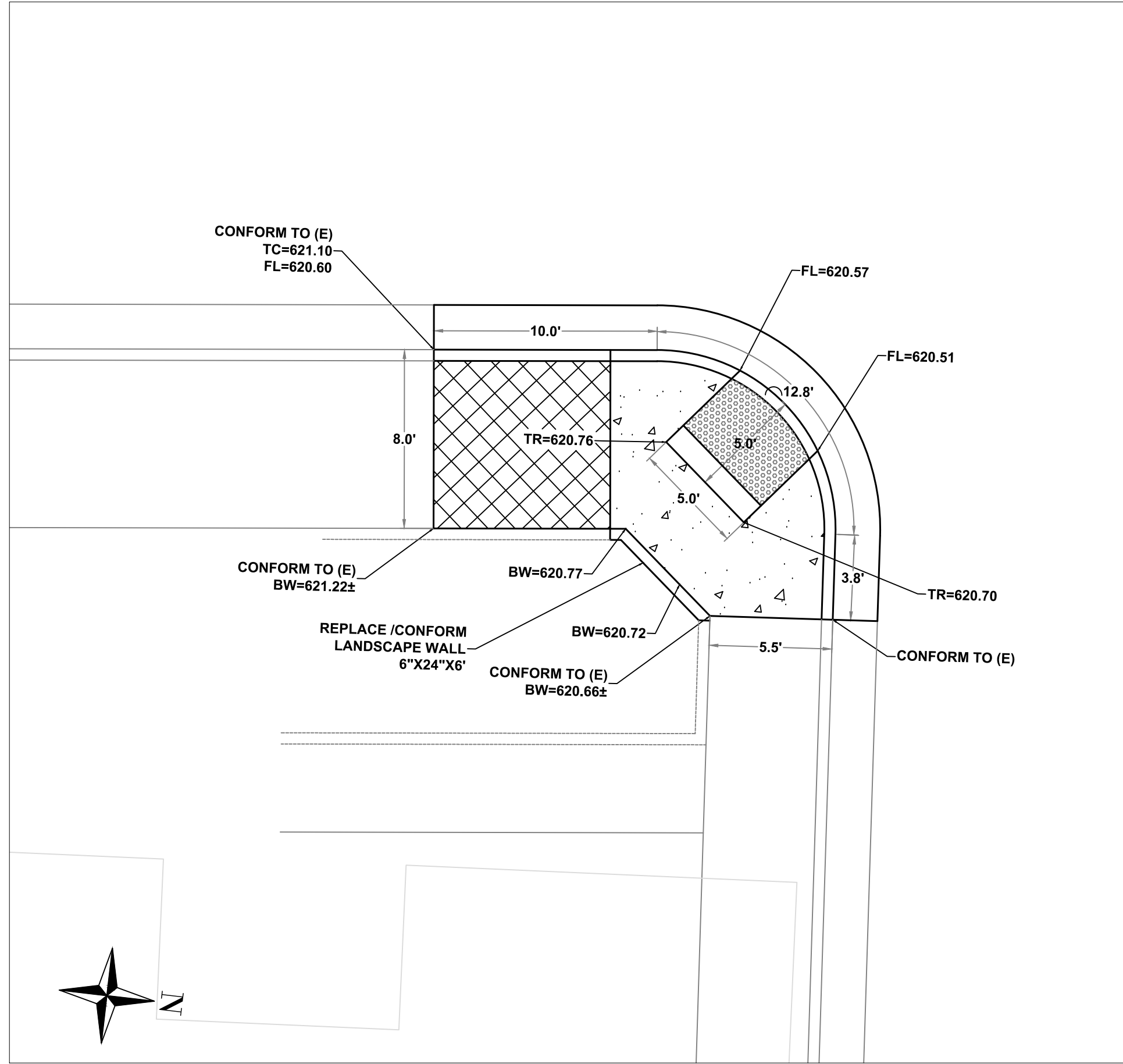
S. STATE STREET AND BEACON LANE
(NORTHWEST RAMP)
SCALE 1"=5'



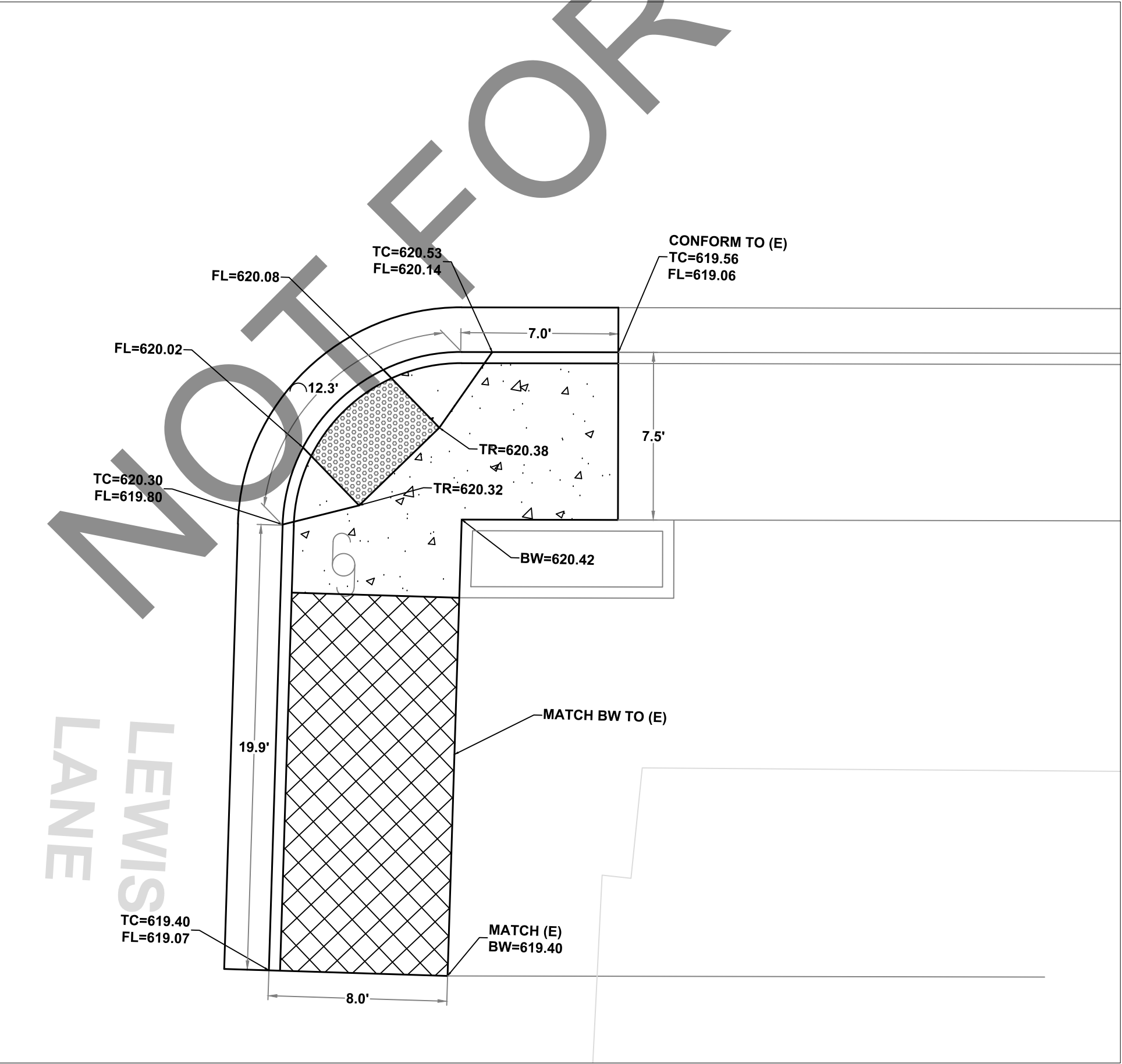
S. STATE STREET AND WABASH AVE.
(SOUTHWEST RAMP)
SCALE 1"=5'



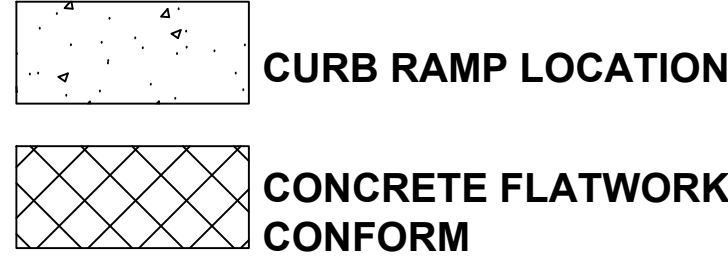
S. STATE STREET AND WABASH AVE.
(NORTHWEST RAMP)
SCALE 1"=5'



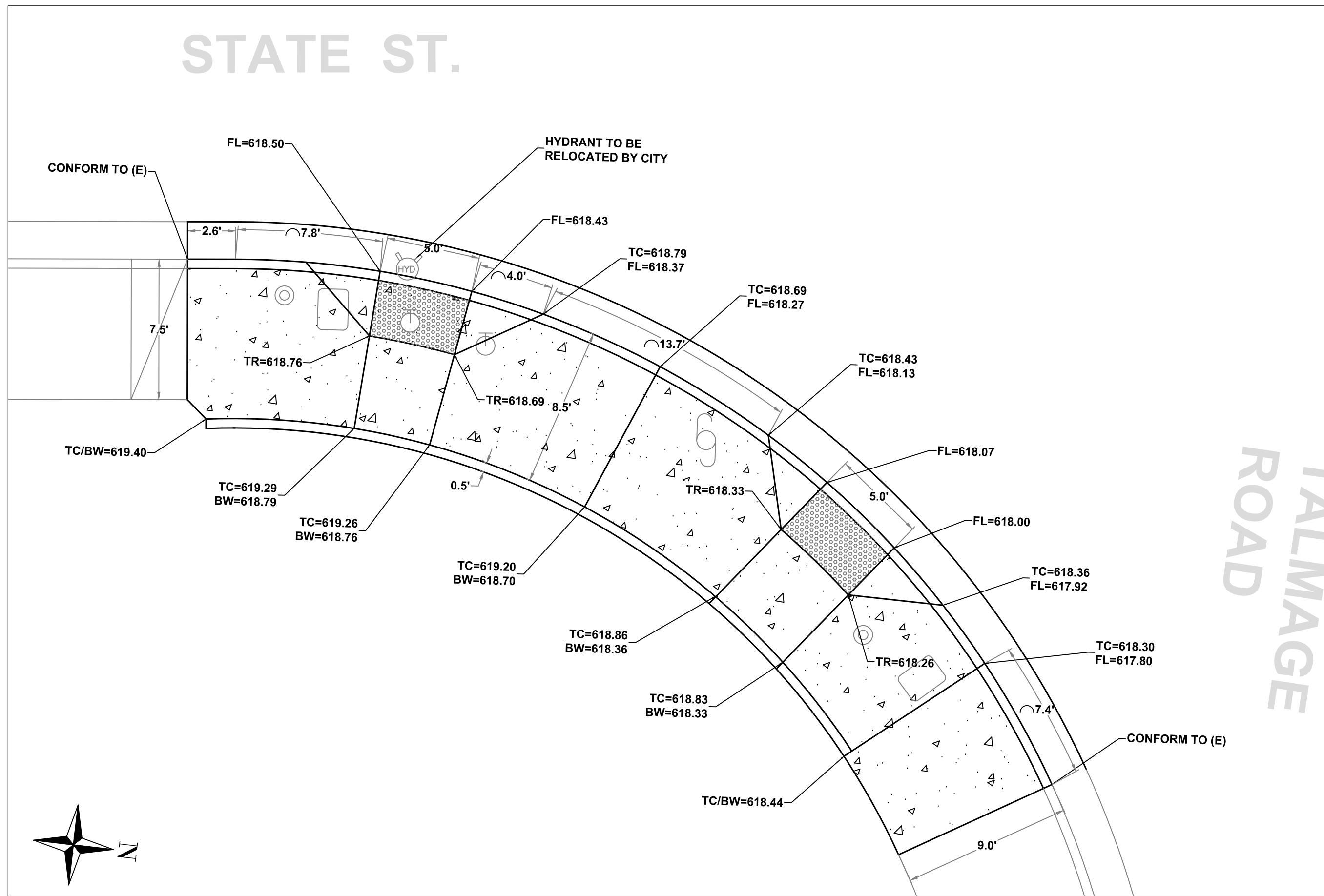
S. STATE STREET AND LEWIS LANE
(EAST RAMPS)
SCALE 1"=5'



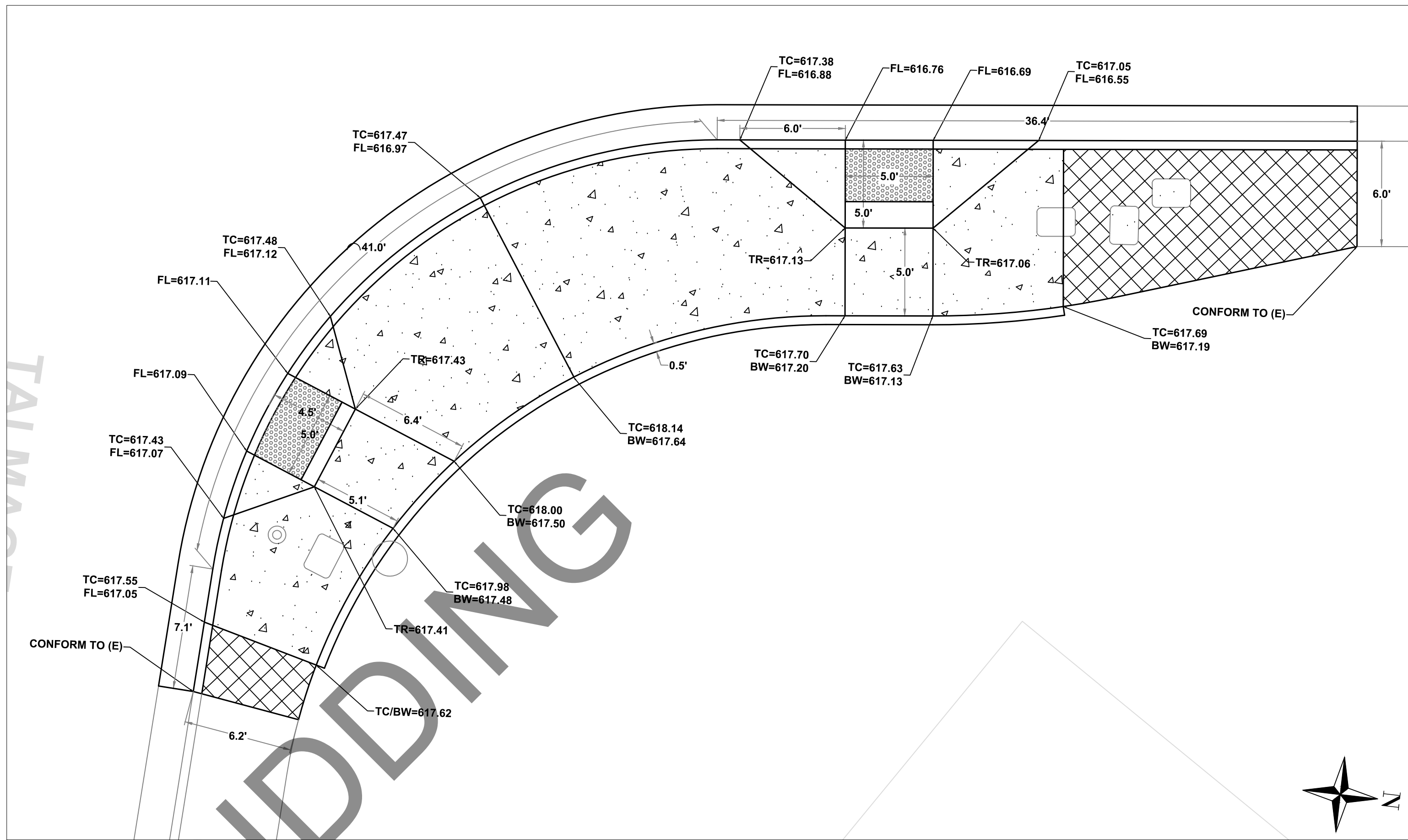
S. STATE STREET AND TALMAGE AVE.
(SOUTHWEST RAMP)
SCALE 1"=5'



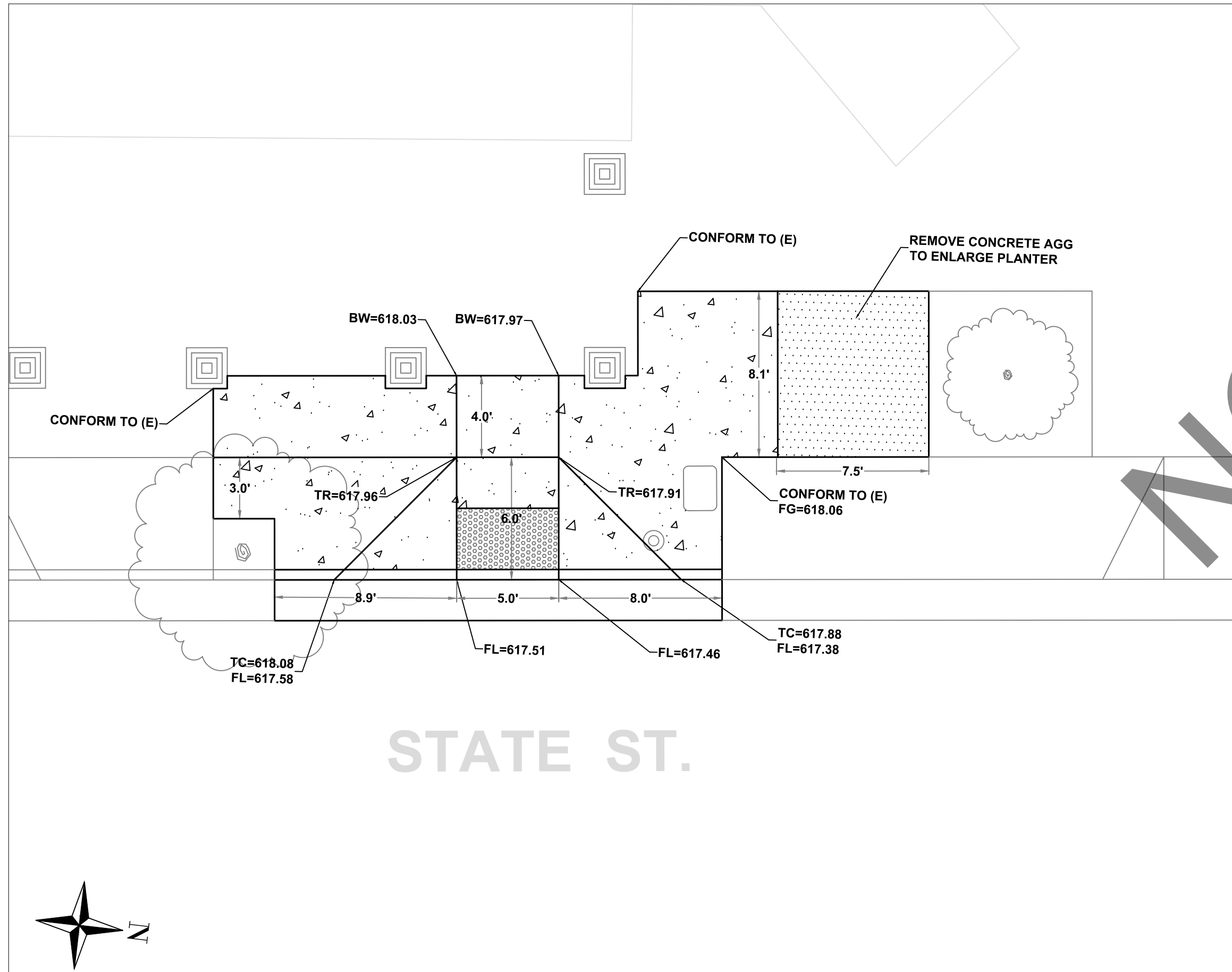
CITY OF UKIAH 300 Seminary Avenue Ukiah, CA 95482		Project	Plan
STATE ST. AND DORA ST. REHABILITATION PROJECT		CURB RAMP DETAILS	
DRAWN: A.R.S. CHECKED BY: T.E. JOB NUMBER: SPEC NO. 21-04 DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2021\SPEC 21-04 STATE AND DORA REHABILITATION\STATE AND DORA REHABILITATION.DWG		SCALE: DATE: OCTOBER 2021 DRAWING NUMBER: C-400	



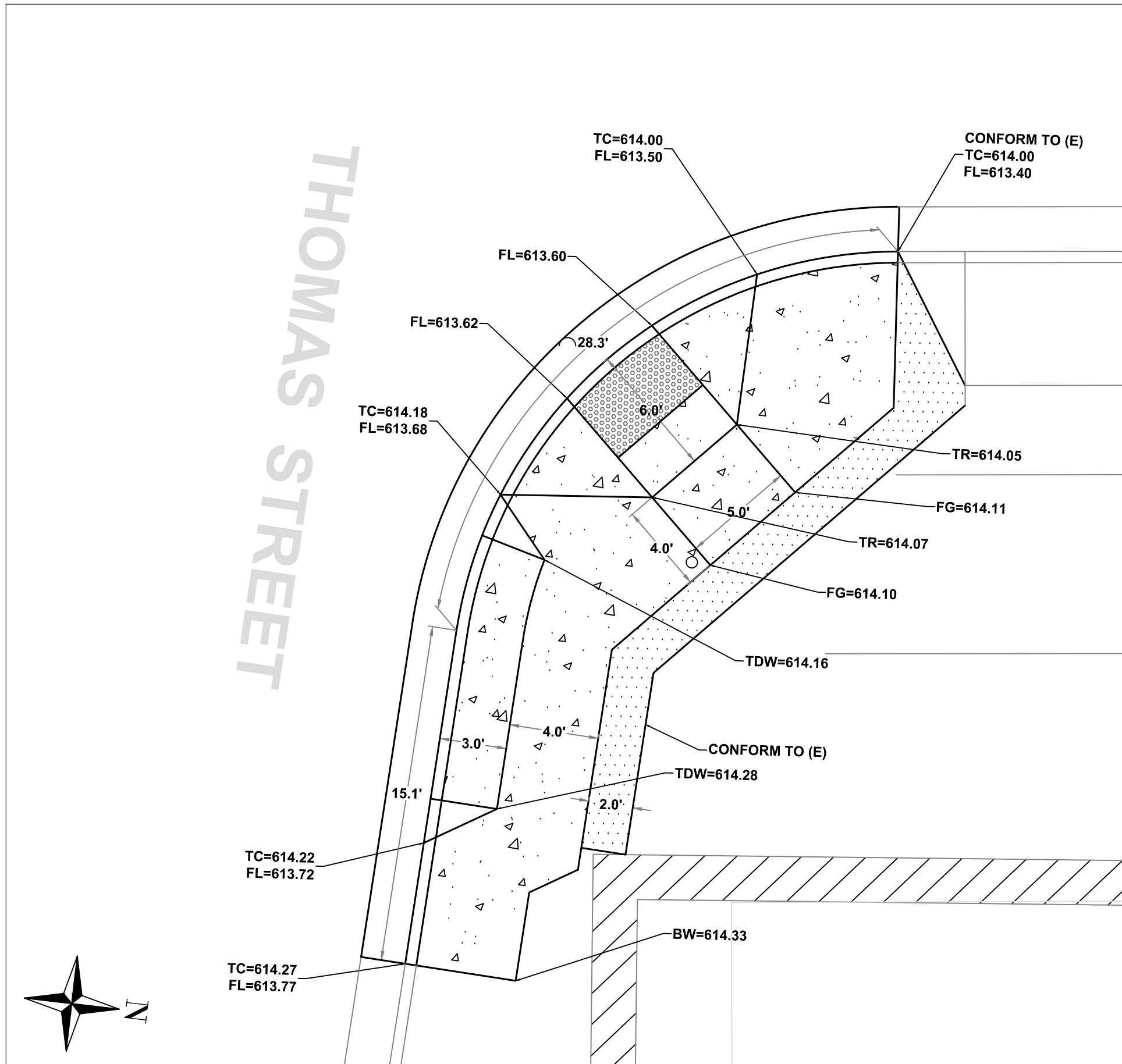
S. STATE STREET AND TALMAGE AVE.
(SOUTHEAST RAMP)
SCALE 1"=5'



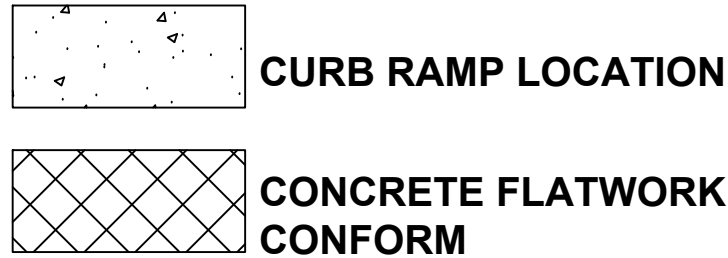
S. STATE STREET AND TALMAGE AVE.
(NORTHEAST RAMP)
SCALE 1"=5'



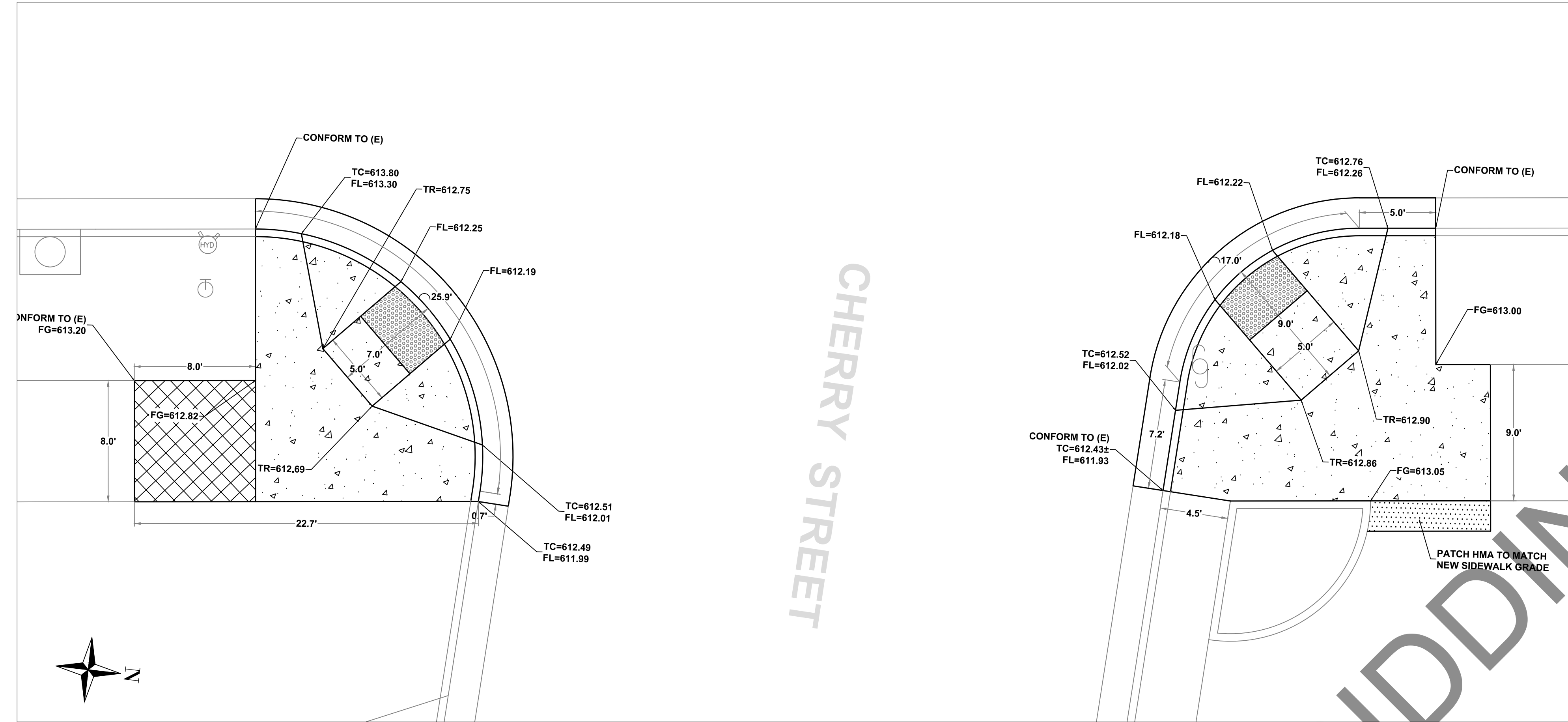
S. STATE STREET AND TALMAGE AVE.
(NORTHWEST RAMP)
SCALE 1"=5'



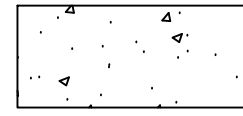
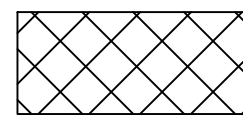
S. STATE STREET AND TALMAGE AVE.
(SOUTHEAST RAMP)
SCALE 1"=5'



CITY OF UKIAH 300 Seminary Avenue Ukiah, CA 95482		Project	Plan
STATE ST. AND DORA ST. REHABILITATION PROJECT		CURB RAMP DETAILS	
DRAWN: A.R.S. CHECKED BY: T.E. JOB NUMBER: 21-04 DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2021\SPEC 21-04 STATE AND DORA REHABILITATION\STATE AND DORA REHABILITATION.DWG		SCALE: DATE: OCTOBER 2021 DRAWING NUMBER: C-401	



S. STATE STREET AND CHERRY STREET
(EAST RAMPS)
SCALE 1"=5'

-  CURB RAMP LOCATION
-  CONCRETE FLATWORK
CONFORM

DRAWN:
A.R.S.

CHECKED BY:
T.E.

JOB NUMBER:
SPEC NO. 21-04

DRAWING FILE:
S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2021\SPEC 21-04 STATE AND DORA REHABILITATION\STATE AND DORA REHABILITATION.DWG


CITY OF UKIAH
300 Seminary Avenue
Ukiah, CA 95482

STATE ST. AND DORA ST. REHABILITATION
PROJECT

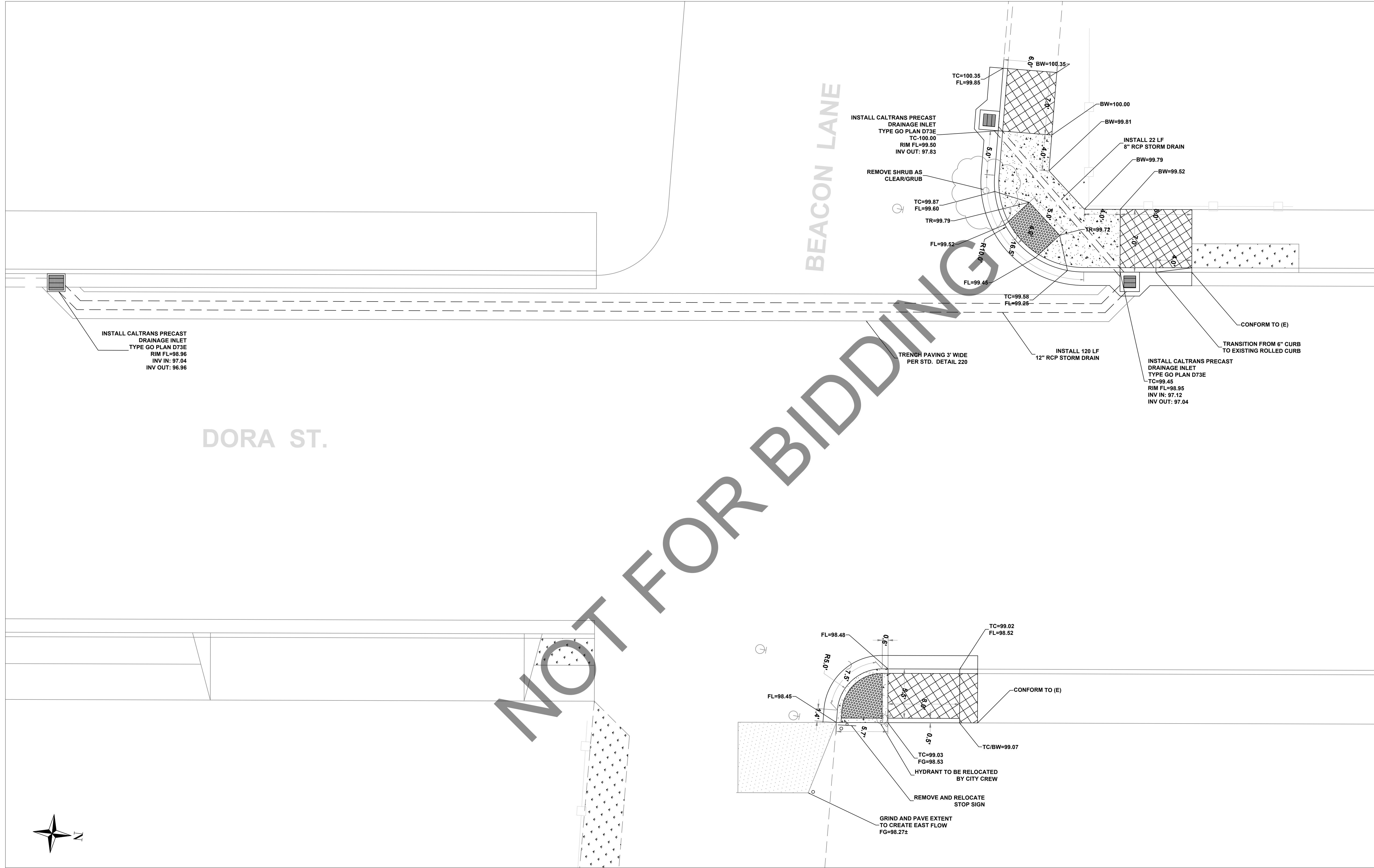
Project

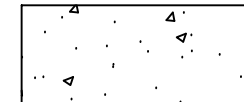
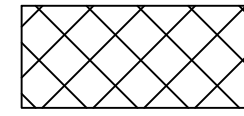
CURB RAMP DETAILS

Plan

SCALE:
DATE: OCTOBER 2021
DRAWING NUMBER:

C-402



-  CURB RAMP LOCATION
-  CONCRETE FLATWORK CONFORM

S. DORA STREET AND BEACON LANE
(CURB RAMPS AND STORM DRAIN)
SCALE 1"=5'

DRAWN: A.R.S.
CHECKED BY: T.E.
JOB NUMBER: SPEC NO. 21-04
DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2021\SPEC 21-04 STATE AND DORA REHABILITATION\STATE AND DORA REHABILITATION.DWG

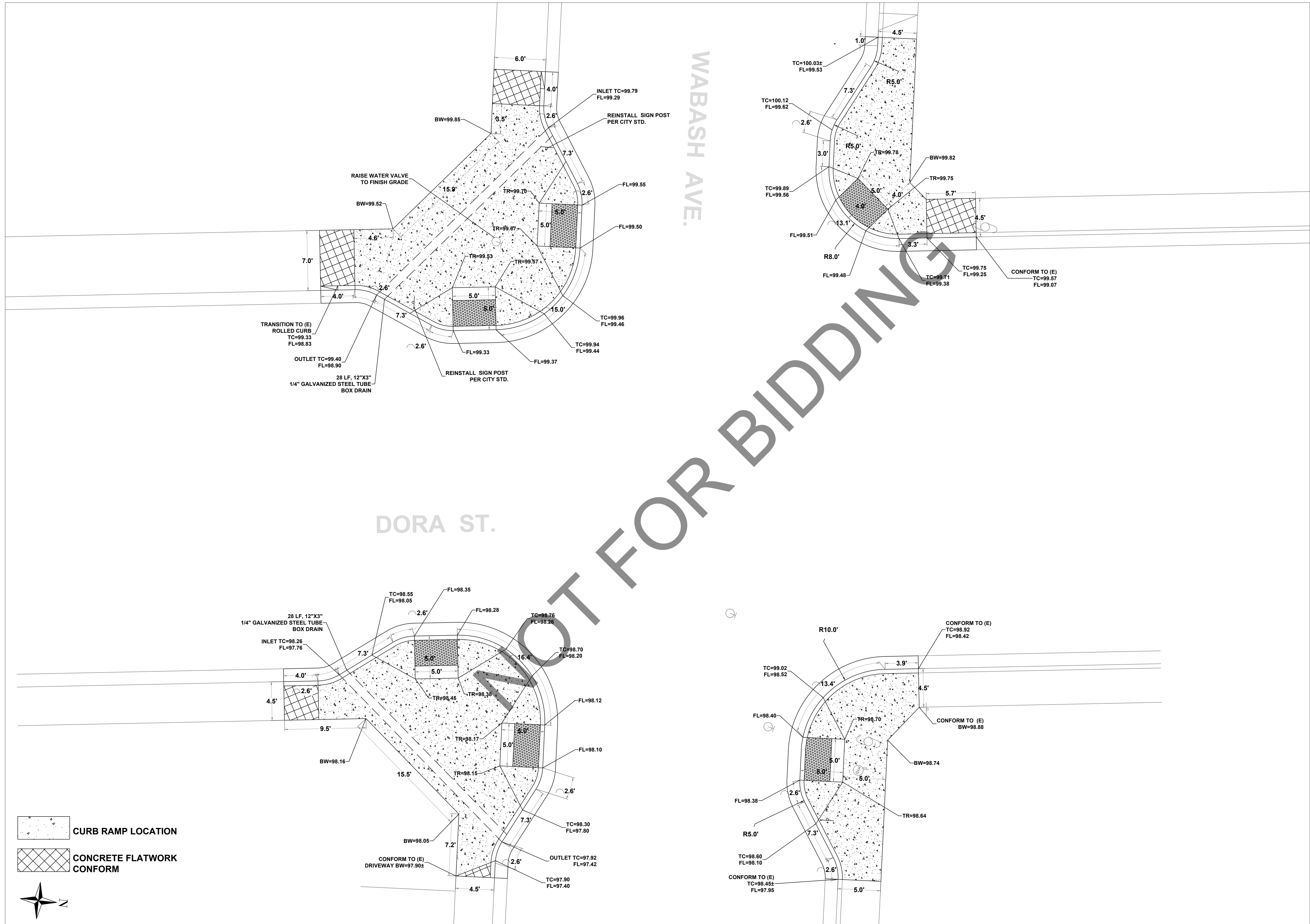
CITY OF UKIAH
300 Seminary Avenue
Ukiah, CA 95482

STATE ST. AND DORA ST. REHABILITATION
PROJECT

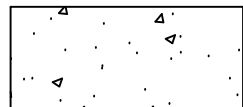
SCALE:
DATE: OCTOBER 2021
DRAWING NUMBER:

CURB RAMP DETAILS

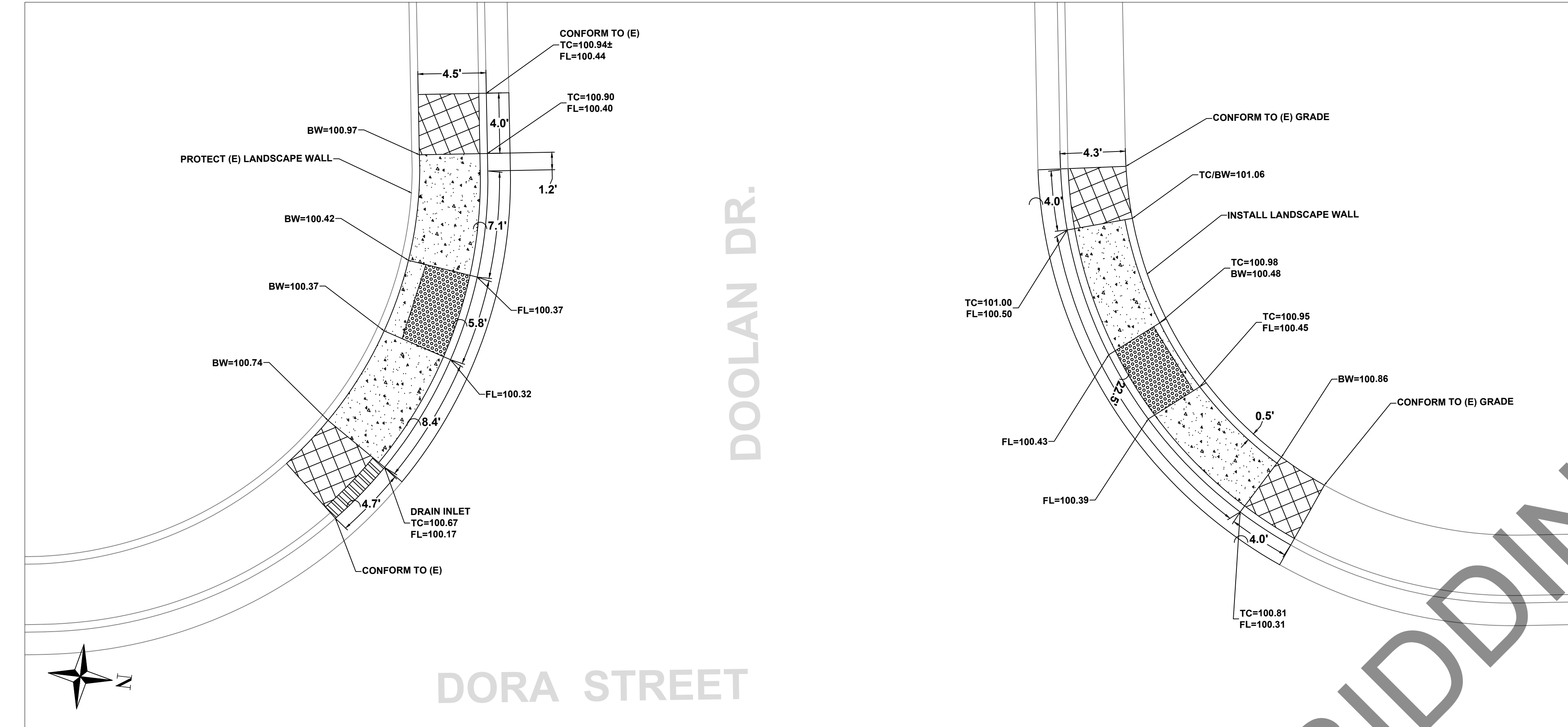
C-403



CITY OF UKIAH 300 Seminary Avenue Ukiah, CA 95482		STATE ST. AND DORA ST. REHABILITATION PROJECT	SCALE: DATE: OCTOBER 2021 DRAWING NUMBER: C-404
Project	Plan	CURB RAMP DETAILS	
DRAWN: A.R.S.		CHECKED BY: T.E.	JOB NUMBER: SPEC NO. 21-04
S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2021\SPEC 21-04 STATE AND DORA REHABILITATION\STATE AND DORA REHABILITATION.DWG		DRAWING FILE:	

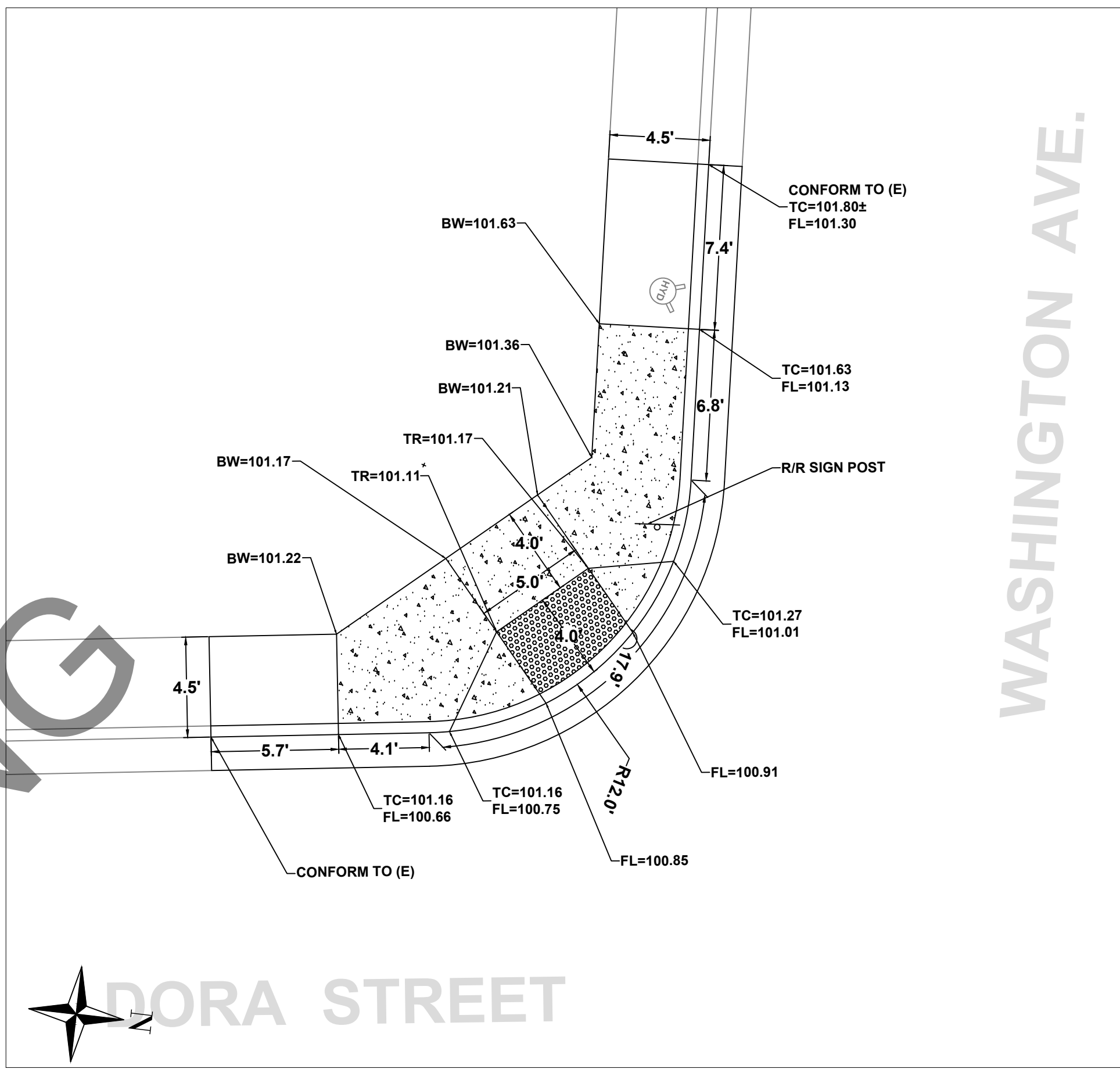
**CURB RAMP LOCATION**

**CONCRETE FLATWORK CONFORM**



S. DORA ST. AND DOOLAN DR.
(WEST SIDE CORNERS)

SCALE 1"=5'



S. DORA ST. AND WASHINGTON AVE.
(SOUTHWEST CORNER)

SCALE 1"=5'

DRAWN:
A.R.S.

CHECKED BY:
T.E.

JOB NUMBER:
SPEC NO. 21-04

DRAWING FILE:
S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2021\SPEC 21-04 STATE AND DORA REHABILITATION\STATE AND DORA REHABILITATION.DWG

CITY OF UKIAH
300 Seminary Avenue
Ukiah, CA 95482

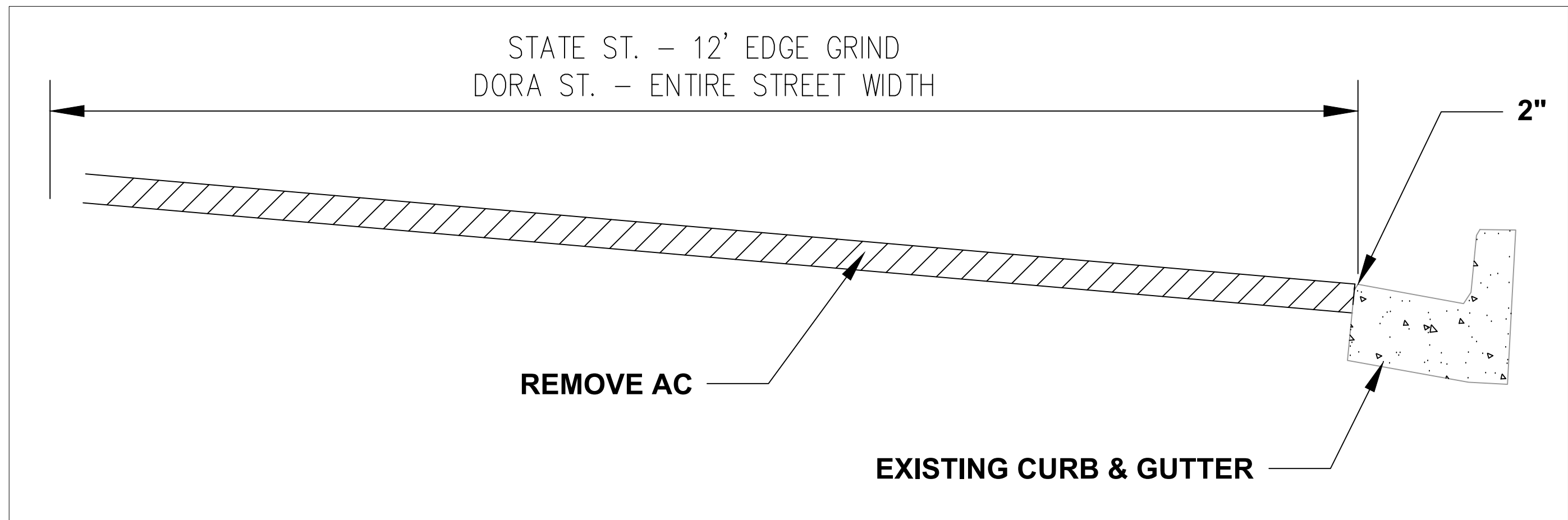
STATE ST. AND DORA ST. REHABILITATION
PROJECT

CURB RAMP DETAILS

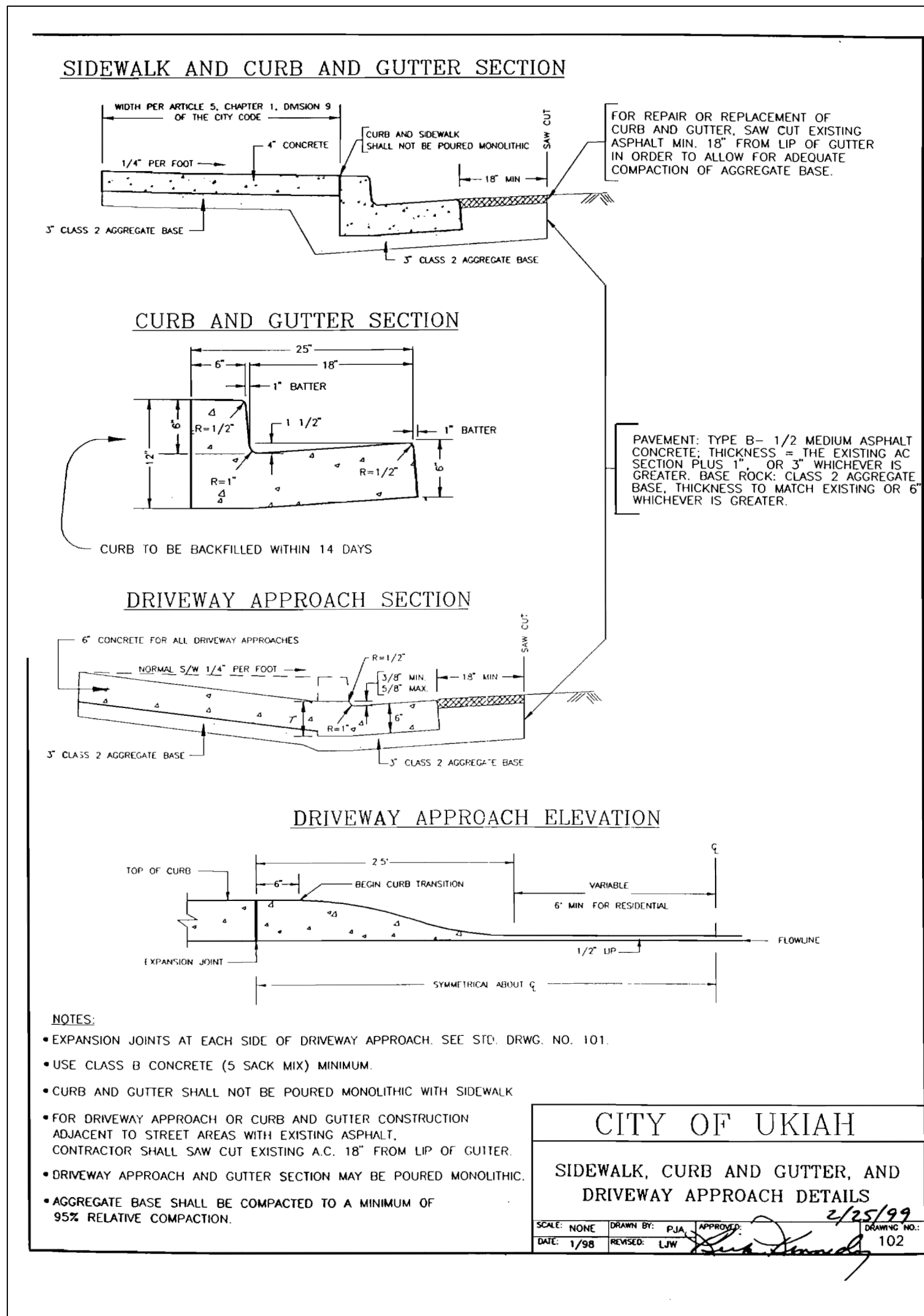
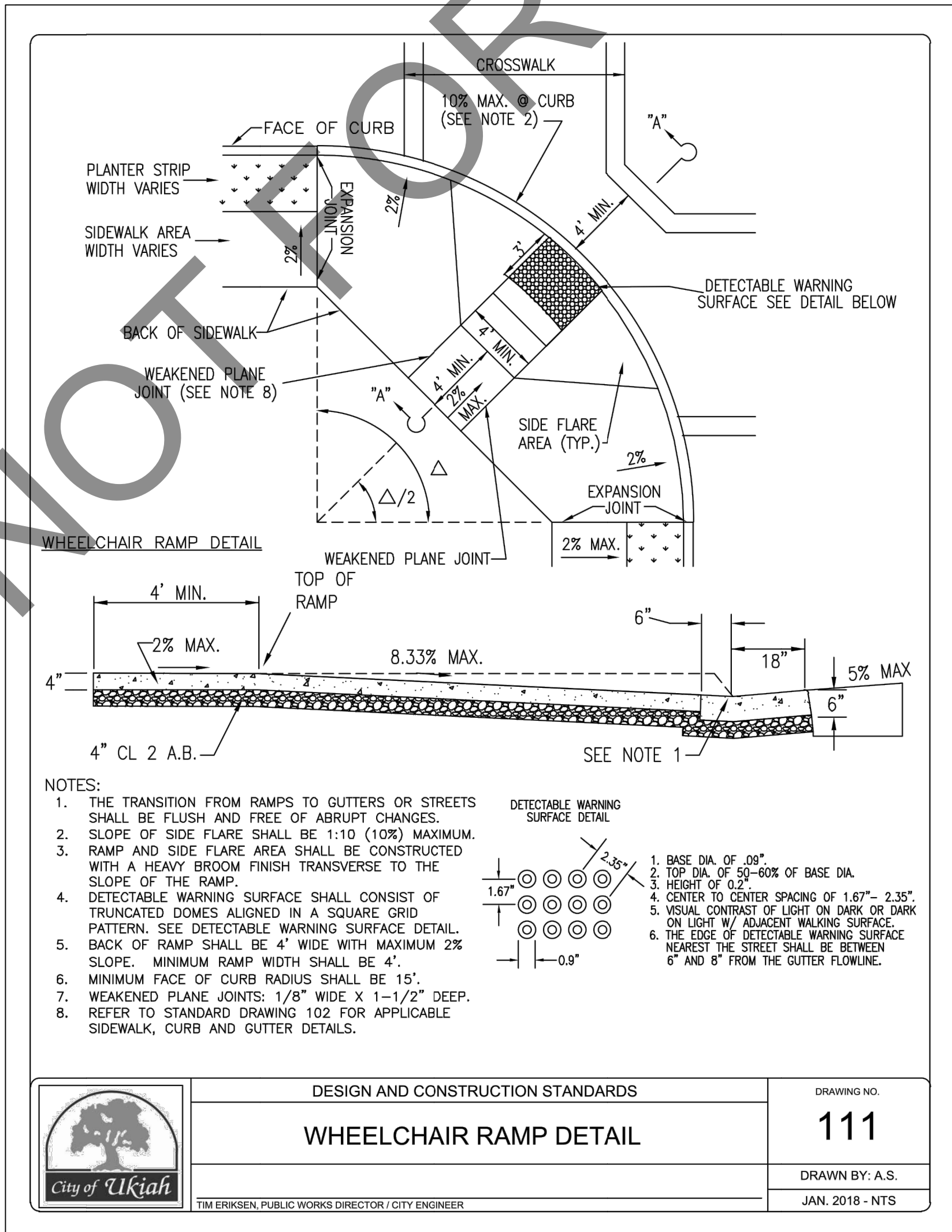
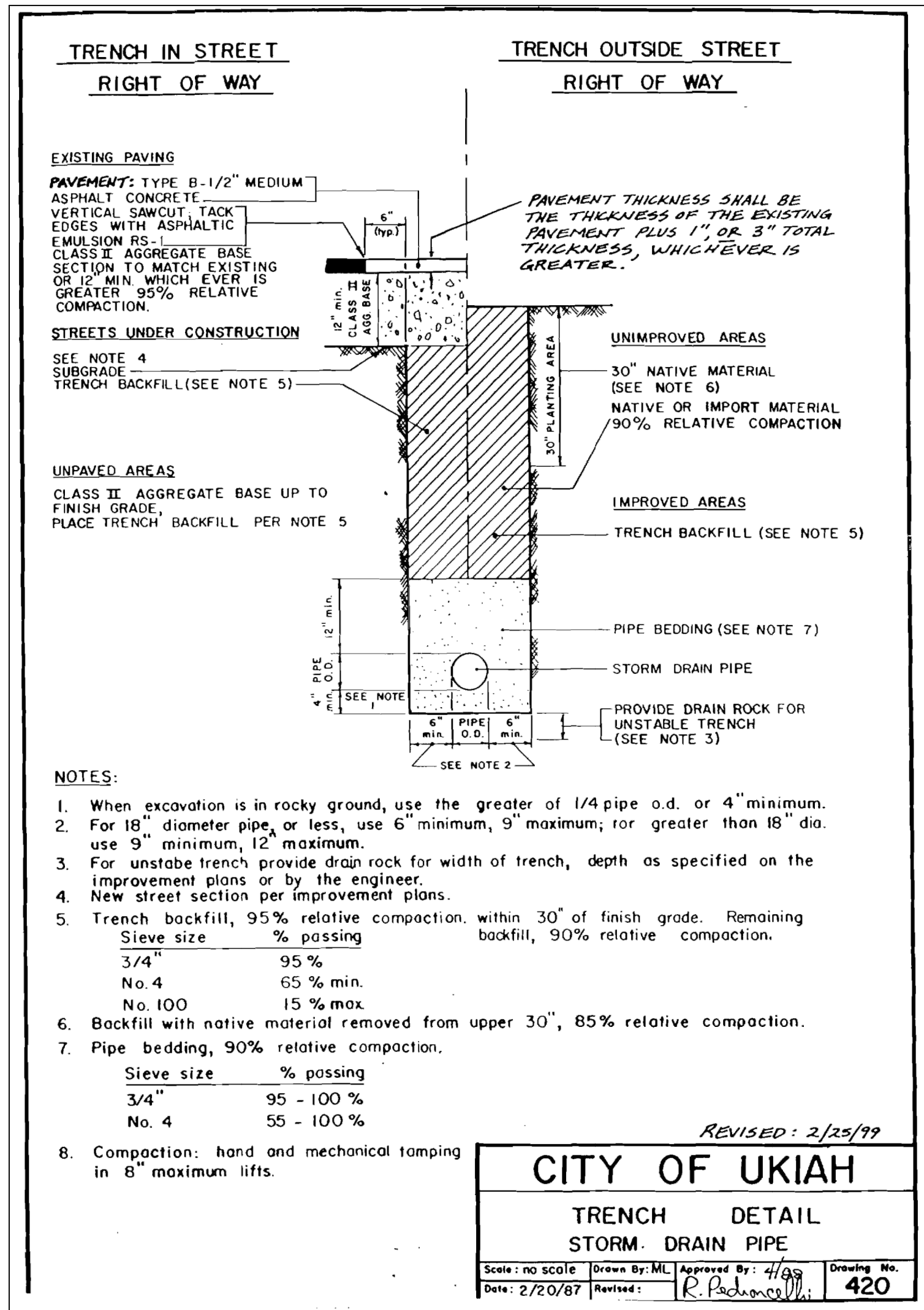
Project
Plan

SCALE:
DATE: OCTOBER 2021
DRAWING NUMBER:

C-405



2" EDGE AND FULL GRIND OF ASPHALT
NOT TO SCALE



STATE ST. AND DORA ST. REHABILITATION
PROJECT

PROJECT DETAILS

CITY OF UKIAH

300 Seminary Avenue
Ukiah, CA 95482

DRAWN:
A.R.S.

CHECKED BY:
T.E.

JOB NUMBER:
SPEC NO. 21-04

DRAWING FILE:
S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2021\SPEC 21-04 STATE AND DORA REHABILITATION\STATE AND DORA REHABILITATION.DWG

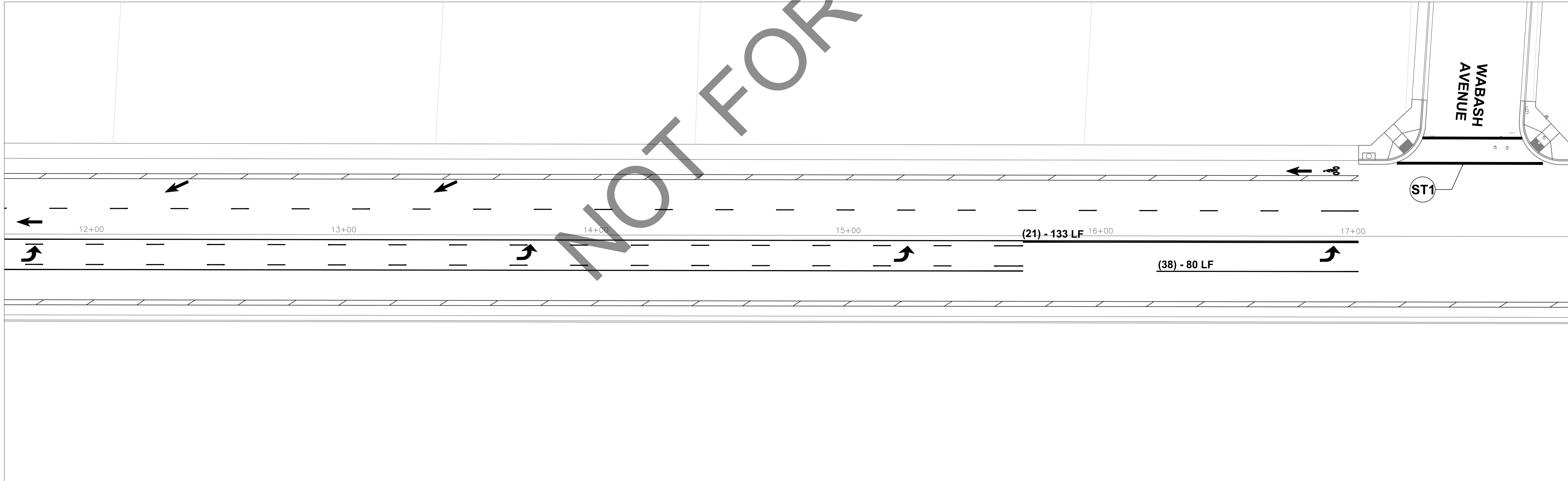
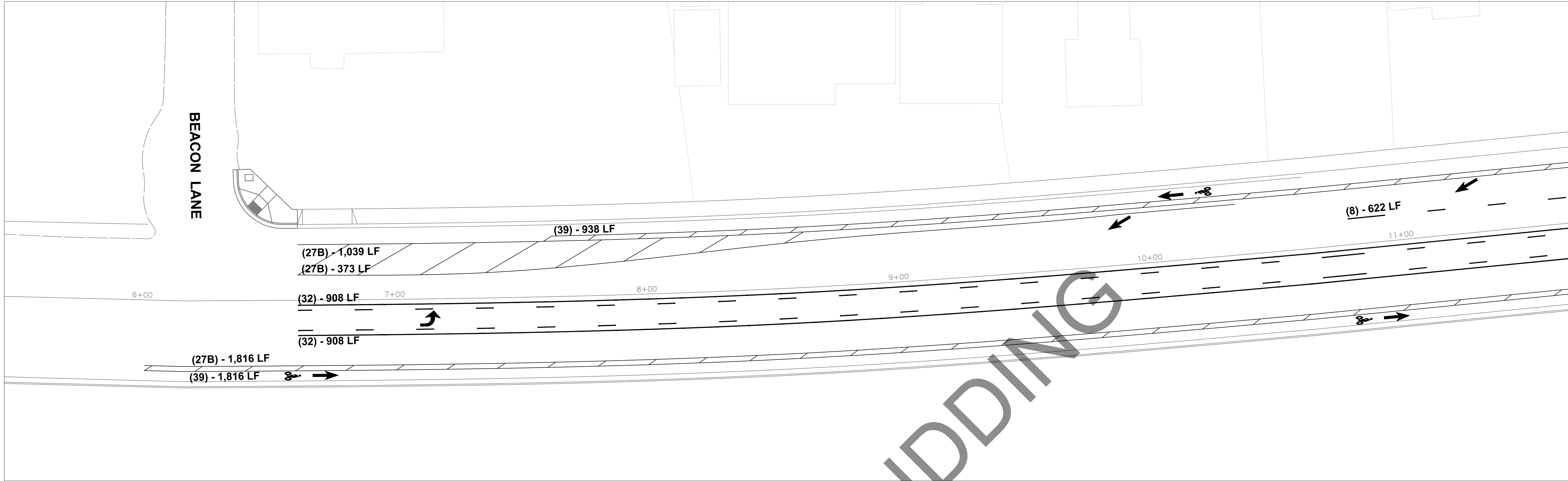
SCALE:

DATE:

OCTOBER 2021

DRAWING NUMBER:

C-500



PAVEMENT MARKINGS

↑
LANE
BIKE

WHITE THERMOPLASTIC BIKE LANE ARROW
PER A24A OF CALTRANS STD. PLANS.

🚲
WHITE THERMOPLASTIC BIKE LANE SYMBOL
WITH PERSON PER A24C OF CALTRANS STD. PLANS.

STOP

STOP LEGEND PER CSP A24D

↩️↑

TYPE I, IV 10'-0" ARROW PER CSP A24A

TRAFFIC STRIPING

(XX) - ____ LF

STRIPING PER CALTRANS DETAIL INDICATED
ON PLAN. PER A20A TO A20D OF CSP.

CROSSWALK PLACEMENT

ALL CROSSWALKS WILL BE 10 FT. IN WIDTH AND EXTEND
TO LIP OF GUTTER OR AS DIRECTED BY THE CITY.

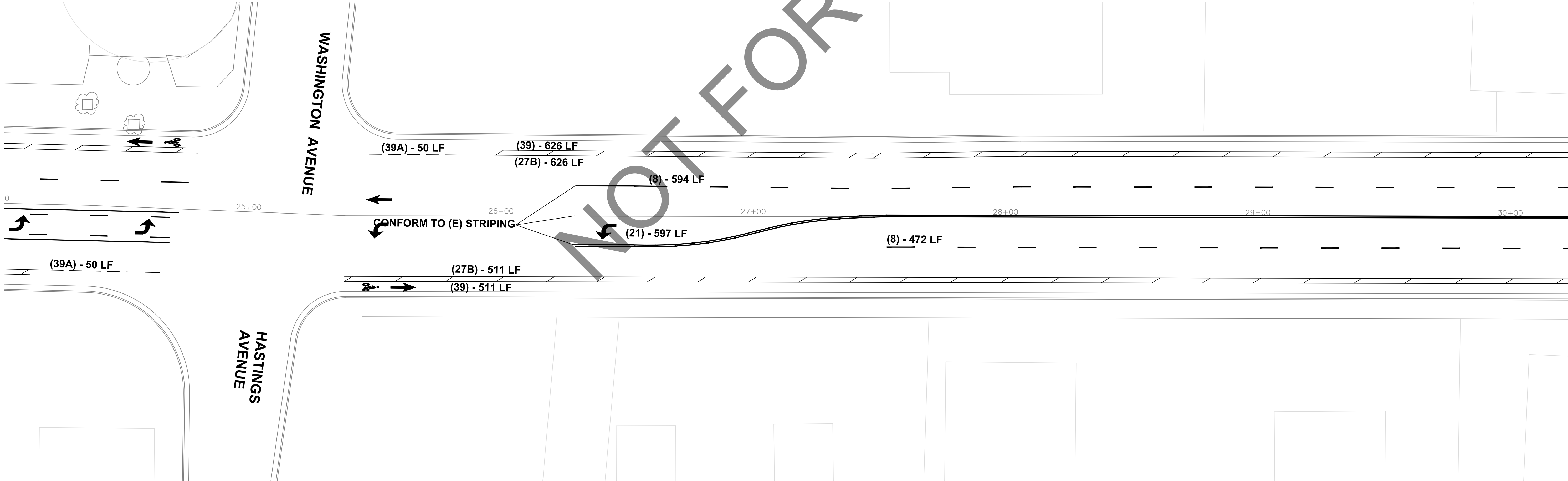
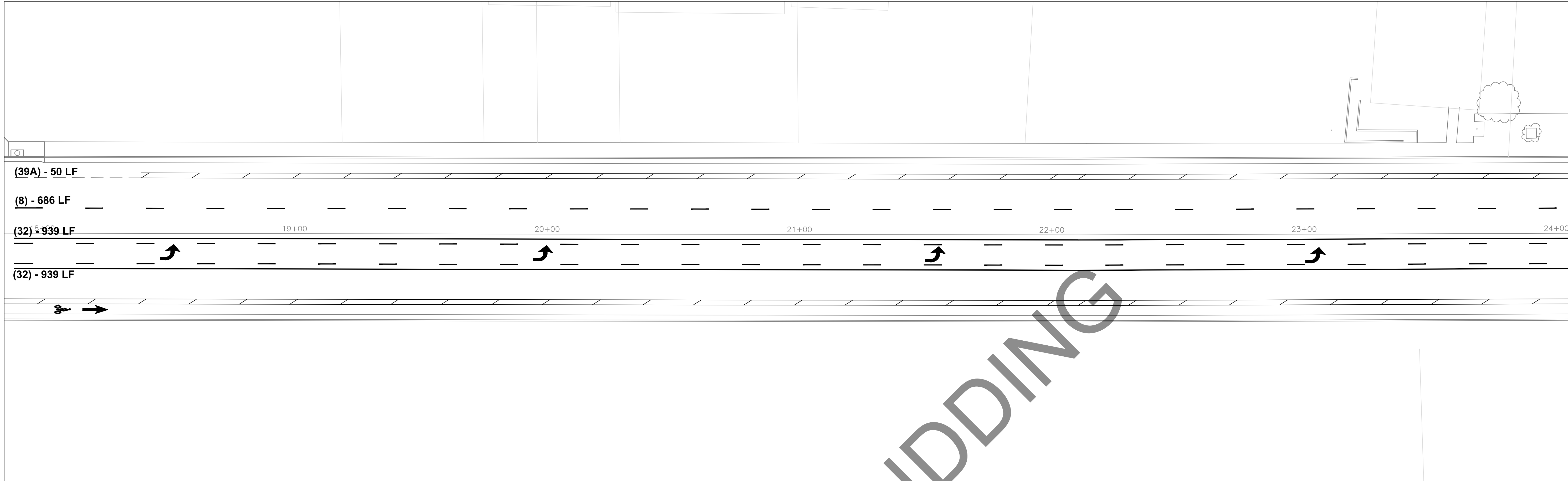
ST1 APPLY 12" WHITE THERMOPLASTIC CROSSWALK AND LIMIT LINE
PER CALTRANS STANDARD PLAN A24E (TYP).

ST2 APPLY 24" WHITE THERMOPLASTIC CONTINENTAL CROSSWALK
PER CALTRANS STANDARD PLAN A24F (TYP).

ST3 PROVIDE WHITE THERMOPLASTIC "STOP" MARKING
USING CITY SUPPLIED OR EQUAL STENCIL AS APPROVED.

ST4 INSTALL "SHARKS TEETH" YIELD LINES PER CSP A24E (TYP)

SCALE: DATE: OCTOBER 2021 DRAWING NUMBER: P-100	
STATE ST. AND DORA ST. REHABILITATION PROJECT	
Project	Plan
CITY OF UKIAH 300 Seminary Avenue Ukiah, CA 95482	
DRAWN: A.R.S.	
CHECKED BY: T.E.	
JOB NUMBER: SPEC NO. 21-04	
DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2021\SPEC 21-04 STATE AND DORA REHABILITATION\STATE AND DORA REHABILITATION.DWG	

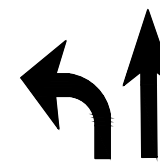


PAVEMENT MARKINGS

- WHITE THERMOPLASTIC BIKE LANE ARROW PER A24A OF CALTRANS STD. PLANS.
- WHITE THERMOPLASTIC BIKE LANE SYMBOL WITH PERSON PER A24C OF CALTRANS STD. PLANS.



STOP LEGEND PER CSP A24D



TYPE I, IV 10'-0" ARROW PER CSP A24A

TRAFFIC STRIPING

- (XX) - ____ LF STRIPING PER CALTRANS DETAIL INDICATED ON PLAN. PER A20A TO A20D OF CSP.

CROSSWALK PLACEMENT

ALL CROSSWALKS WILL BE 10 FT. IN WIDTH AND EXTEND TO LIP OF GUTTER OR AS DIRECTED BY THE CITY.

- ST1 APPLY 12" WHITE THERMOPLASTIC CROSSWALK AND LIMIT LINE PER CALTRANS STANDARD PLAN A24E (TYP).
- ST2 APPLY 24" WHITE THERMOPLASTIC CONTINENTAL CROSSWALK PER CALTRANS STANDARD PLAN A24F (TYP).
- ST3 PROVIDE WHITE THERMOPLASTIC "STOP" MARKING USING CITY SUPPLIED OR EQUAL STENCIL AS APPROVED.
- ST4 INSTALL "SHARKS TEETH" YIELD LINES PER CSP A24E (TYP)

STATE ST. AND DORA ST. REHABILITATION PROJECT

Project

CITY OF UKIAH

DRAWN:

A.R.S.

CHECKED BY:

T.E.

JOB NUMBER:

SPEC NO. 21-04

DRAWING FILE:

S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2021\STATE AND DORA REHABILITATION\STATE AND DORA REHABILITATION.DWG

300 Seminary Avenue
Ukiah, CA 95482

STRIPING PLAN

Plan

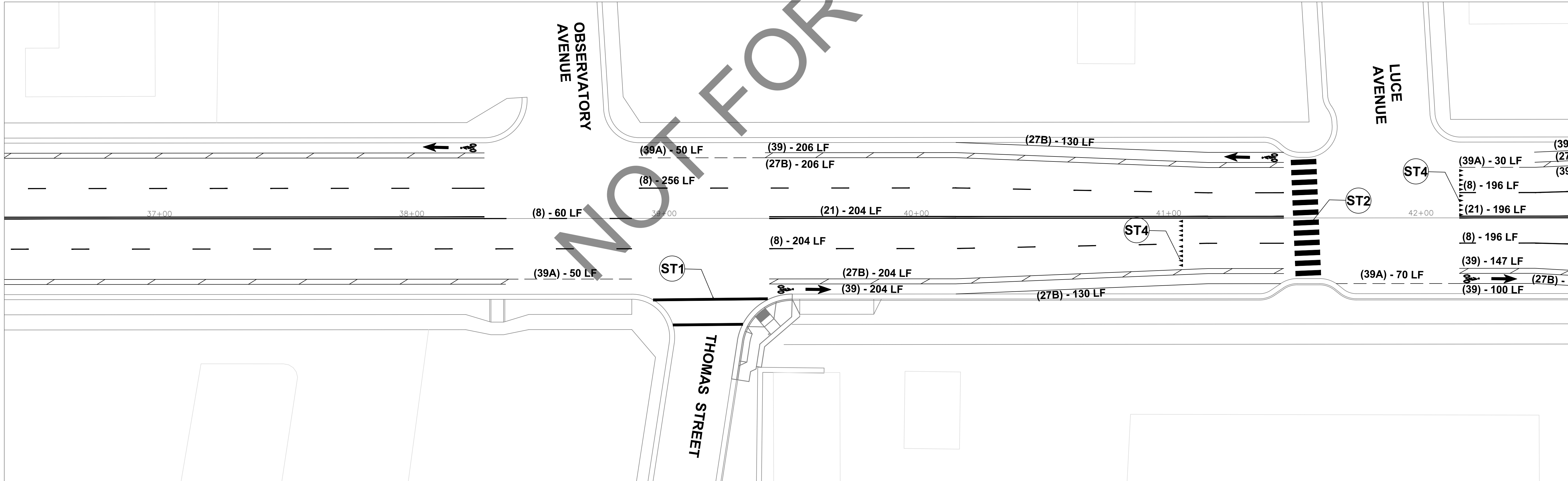
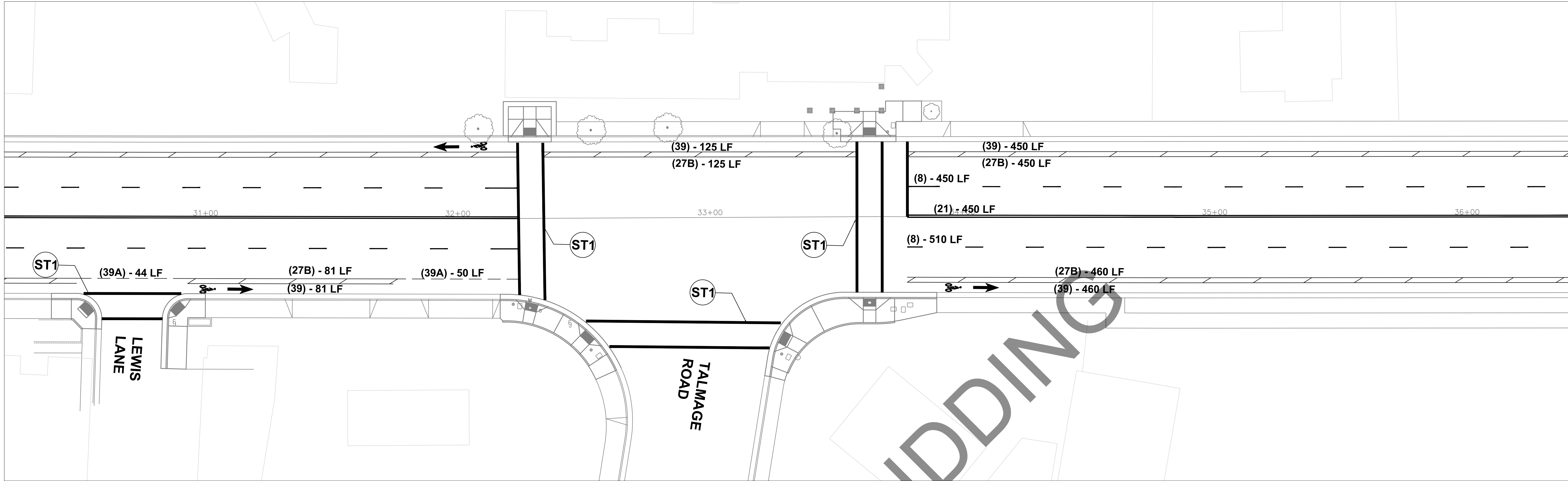
SCALE:

DATE:

OCTOBER 2021

DRAWING NUMBER:

P-101

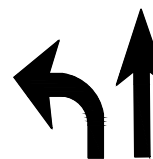


PAVEMENT MARKINGS

- WHITE THERMOPLASTIC BIKE LANE ARROW PER A24A OF CALTRANS STD. PLANS.
- WHITE THERMOPLASTIC BIKE LANE SYMBOL WITH PERSON PER A24C OF CALTRANS STD. PLANS.



STOP LEGEND PER CSP A24D



TYPE I, IV 10'-0" ARROW PER CSP A24A

TRAFFIC STRIPING

- (XX) - LF STRIPING PER CALTRANS DETAIL INDICATED ON PLAN. PER A20A TO A20D OF CSP.

CROSSWALK PLACEMENT

ALL CROSSWALKS WILL BE 10 FT. IN WIDTH AND EXTEND TO LIP OF GUTTER OR AS DIRECTED BY THE CITY.

- ST1 APPLY 12" WHITE THERMOPLASTIC CROSSWALK AND LIMIT LINE PER CALTRANS STANDARD PLAN A24E (TYP).
- ST2 APPLY 24" WHITE THERMOPLASTIC CONTINENTAL CROSSWALK PER CALTRANS STANDARD PLAN A24F (TYP).
- ST3 PROVIDE WHITE THERMOPLASTIC "STOP" MARKING USING CITY SUPPLIED OR EQUAL STENCIL AS APPROVED.
- ST4 INSTALL "SHARKS TEETH" YIELD LINES PER CSP A24E (TYP)

STATE ST. AND DORA ST. REHABILITATION PROJECT

Project

CITY OF UKIAH

DRAWN:

A.R.S.

CHECKED BY:

T.E.

JOB NUMBER:

SPEC NO. 21-04

DRAWING FILE:

S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2021\SPEC 21-04 STATE AND DORA REHABILITATION\STATE AND DORA REHABILITATION.DWG

300 Seminary Avenue
Ukiah, CA 95482

STRIPING PLAN

Plan

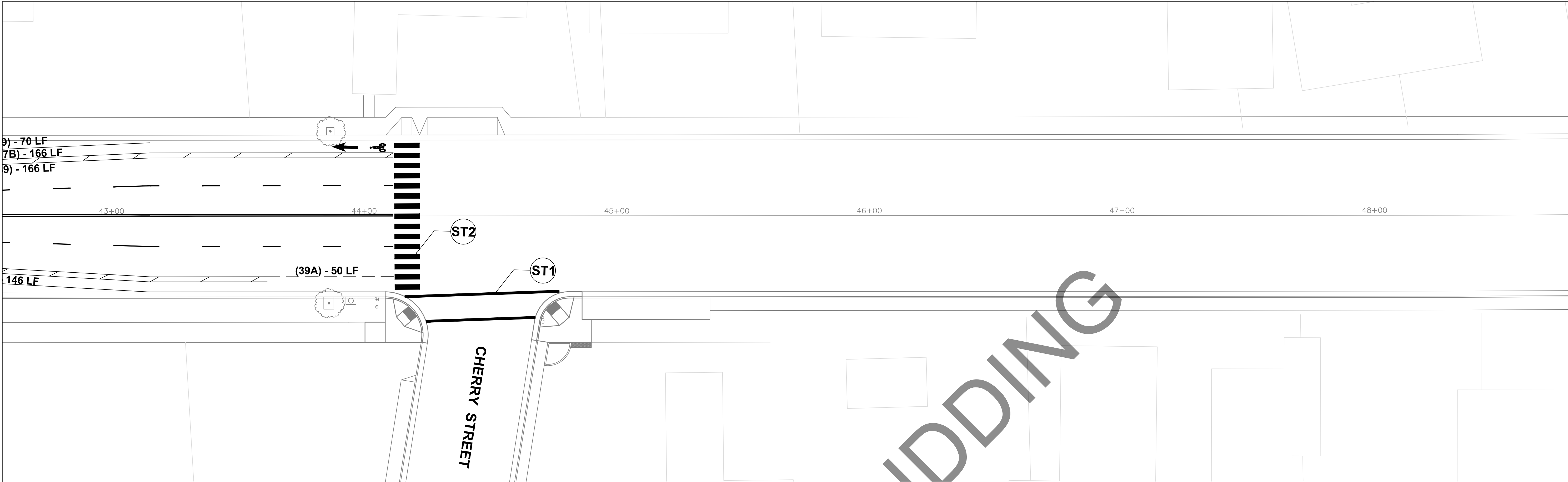
SCALE:

DATE:

OCTOBER 2021

DRAWING NUMBER:

P-102



NOT FOR BIDDING

PAVEMENT MARKINGS
WHITE THERMOPLASTIC BIKE LANE ARROW
PER A24A OF CALTRANS STD. PLANS.

WHITE THERMOPLASTIC BIKE LANE SYMBOL
WITH PERSON PER A24C OF CALTRANS STD. PLANS.

STOP
STOP LEGEND PER CSP A24D

TYPE I, IV 10'-0" ARROW PER CSP A24A

TRAFFIC STRIPING
(XX) - ____ LF STRIPING PER CALTRANS DETAIL INDICATED
ON PLAN. PER A20A TO A20D OF CSP.

CROSSWALK PLACEMENT
ALL CROSSWALKS WILL BE 10 FT. IN WIDTH AND EXTEND
TO LIP OF GUTTER OR AS DIRECTED BY THE CITY.

ST1 APPLY 12" WHITE THERMOPLASTIC CROSSWALK AND LIMIT LINE
PER CALTRANS STANDARD PLAN A24E (TYP).

ST2 APPLY 24" WHITE THERMOPLASTIC CONTINENTAL CROSSWALK
PER CALTRANS STANDARD PLAN A24F (TYP).

ST3 PROVIDE WHITE THERMOPLASTIC "STOP" MARKING
USING CITY SUPPLIED OR EQUAL STENCIL AS APPROVED.

ST4 INSTALL "SHARKS TEETH" YIELD LINES PER CSP A24E (TYP)

CITY OF UKIAH
300 Seminary Avenue
Ukiah, CA 95482

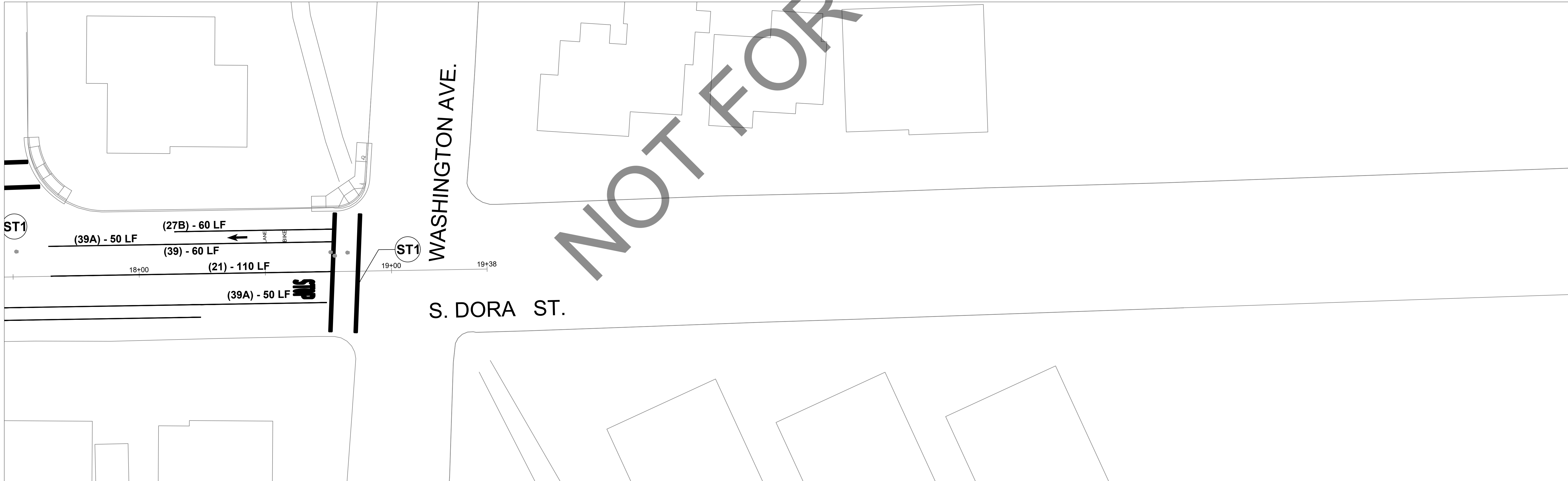
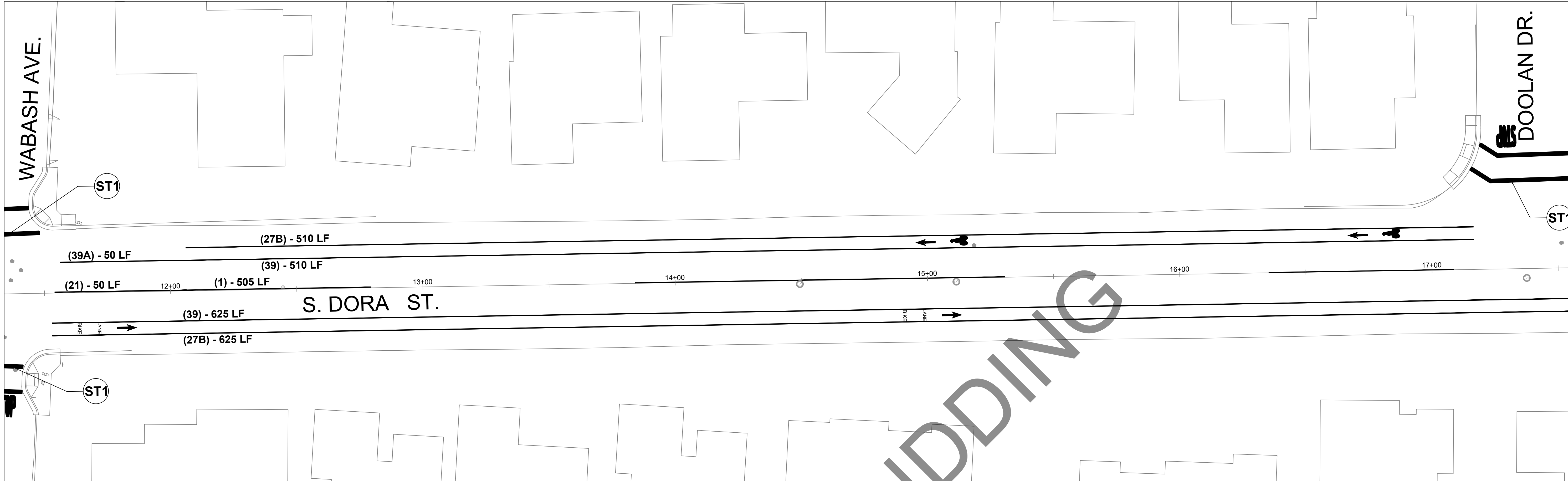
DRAWN: A.R.S.
CHECKED BY: T.E.
JOB NUMBER: SPEC NO. 21-04
DRAWING FILE: S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2021\SPEC 21-04 STATE AND DORA REHABILITATION\STATE AND DORA REHABILITATION.DWG

**STATE ST. AND DORA ST. REHABILITATION
PROJECT**

STRIPING PLAN

SCALE:
DATE: OCTOBER 2021
DRAWING NUMBER:

P-103



PAVEMENT MARKINGS

↑
LANE
BIKE

WHITE THERMOPLASTIC BIKE LANE ARROW
PER A24A OF CALTRANS STD. PLANS.

↑
LANE
BIKE

WHITE THERMOPLASTIC BIKE LANE SYMBOL
WITH PERSON PER A24C OF CALTRANS STD. PLANS.

TRAFFIC STRIPING

(XX) - ____ LF

STRIPING PER CALTRANS DETAIL INDICATED
ON PLAN. PER A20A TO A20D OF CSP.

CROSSWALK PLACEMENT

ALL CROSSWALKS WILL BE 10 FT. IN WIDTH AND EXTEND
TO LIP OF GUTTER OR AS DIRECTED BY THE CITY.

ST1 APPLY 12" WHITE THERMOPLASTIC CROSSWALK AND LIMIT LINE
PER CALTRANS STANDARD PLAN A24E (TYP).

ST2 APPLY 24" WHITE THERMOPLASTIC CONTINENTAL CROSSWALK
PER CALTRANS STANDARD PLAN A24F (TYP).

ST3 PROVIDE WHITE THERMOPLASTIC "STOP" MARKING
USING CITY SUPPLIED OR EQUAL STENCIL AS APPROVED.

ST4 INSTALL "SHARKS TEETH" YIELD LINES PER CSP A24E (TYP)

DRAWN:
A.R.S.

CHECKED BY:
T.E.

JOB NUMBER:
SPEC NO. 21-04

DRAWING FILE:
S:\PUBLIC WORKS\PROJECTS\PUBLIC WORKS\2021\SPEC 21-04 STATE AND DORA REHABILITATION\STATE AND DORA REHABILITATION.DWG

STATE ST. AND DORA ST. REHABILITATION
PROJECT

Project

STRIPING PLAN

Plan

CITY OF UKIAH



300 Seminary Avenue
Ukiah, CA 95482

SCALE:
DATE: OCTOBER 2021
DRAWING NUMBER:

P-105

CITY OF UKIAH
MENDOCINO COUNTY, CALIFORNIA

SPECIAL PROVISIONS
FOR
STATE ST. AND DORA ST. REHABILITATION PROJECT
SPECIFICATION NO. 21-04

CITY OF UKIAH
DEPARTMENT OF PUBLIC WORKS
300 Seminary Avenue
Ukiah, California 95482-5400

Bids Open: **Wednesday, Month XX, 2021**
2:00 p.m.
Office of City Clerk

CITY OF UKIAH
MENDOCINO COUNTY, CALIFORNIA

CITY COUNCIL:

JIM BROWN – MAYOR
JOSEFINA DUEÑAS – VICE MAYOR
DOUGLAS F. CRANE – COUNCIL MEMBER
MARI RODIN – COUNCIL MEMBER
JUAN OROZCO – COUNCIL MEMBER

SAGE SANGIACOMO – CITY MANAGER

TIM ERIKSEN - DIRECTOR OF PUBLIC WORKS / CITY ENGINEER

MARY HORGER – FINANCIAL SERVICES MANAGER

KRISTINE LAWLER – CITY CLERK

R. ALLEN CARTER - CITY TREASURER

Approved By:

Tim Eriksen,
Director of Public Works/City Engineer

CITY OF UKIAH
DEPARTMENT OF PUBLIC WORKS
OCTOBER 2021
TABLE OF CONTENTS

	PAGE
NOTICE TO BIDDERS	1
INSTRUCTIONS TO BIDDERS	3
GENERAL CONDITIONS	
SECTION 1. PROPOSAL REQUIREMENTS AND GENERAL CONDITIONS	5
1-01. Definitions	
1-02. Examinations of Plans, Special Provisions and Site of Work	
1-03. Proposal	
1-04. Withdrawal of Bids	
1-05. Public Opening of Bids	
1-06. Bid Guaranty	
1-07. Qualification of Bidders	
1-08. Disqualification of Bidders	
1-09. Identification of Subcontractors	
1-10. General Provisions of the Standard Specifications	
1-11. Addenda	
SECTION 2. AWARD AND EXECUTION OF CONTRACT	7
2-01. Award of Contract	
2-02. Return of Proposal Guaranties	
2-03. Execution of Contract	
SECTION 3. SCOPE AND INTENT OF CONTRACT	8
3-01. Effect of Inspection and Payments	
3-02. Effect of Extension of Time	
3-03. Extra Work	
3-04. Assignment of Contract	
3-05. Subcontractors	
3-06. Interpretation of Special Provisions and Drawings	
3-07. Addenda	
3-08. Liability of City Officials	
3-09. Dispute Resolution	
SECTION 4. BONDS	9
4-01. Faithful Performance Bond	
4-02. Material and Labor Bond	
4-03. Defective Material and Workmanship Bond	
4-04. Notification of Surety Companies	
SECTION 5. INSURANCE REQUIREMENTS FOR CONTRACTORS	10
5-01. Minimum Scope of Insurance	
5-02. Minimum Limits of Insurance	

- 5-03. Deductibles and Self-Insured Retentions
- 5-04. Other Insurance Provisions
- 5-05. Acceptability of Insurers
- 5-06. Verification of Coverage
- 5-07. Subcontractors

SECTION 6. RESPONSIBILITIES AND RIGHTS OF CONTRACTOR..... 11

- 6-01. Legal Address of Contractor
- 6-02. Office of Contractor at Site
- 6-03. Attention to Work
- 6-04. Liability of Contractor
- 6-05. Protection of Persons and Property
- 6-06. Protection of City Against Patent Claims
- 6-07. Protection of Contractor's Work Property
- 6-08. Regulations and Permits
- 6-09. Construction Utilities
- 6-10. Approval of Contractor's Plans
- 6-11. Suggestions to the Contractor
- 6-12. Termination of Unsatisfactory Subcontracts
- 6-13. Preservation of Stakes and Marks
- 6-14. Assistance to Engineer
- 6-15. Removal of Condemned Materials and Structures
- 6-16. Proof of Compliance with Contract
- 6-17. Errors and Omissions
- 6-18. Cooperation
- 6-19. Right of Contractor to Stop Work
- 6-20. Hiring and Dismissal of Employees
- 6-21. Wage Rates
- 6-22. Cleaning Up
- 6-23. Guaranty
- 6-24. Public Notification

SECTION 7. RESPONSIBILITIES AND RIGHTS OF CITY 16

- 7-01. Authority of the Engineer
- 7-02. Inspection
- 7-03. Surveys
- 7-04. Rights-of-Way
- 7-05. Retention of Imperfect Work
- 7-06. Changes in the Work
- 7-07. Additional Drawings by City
- 7-08. Additional and Emergency Protection
- 7-09. Suspension of Work
- 7-10. Right of City to Terminate Contract
- 7-11. Use of Completed Portions

SECTION 8. WORKMANSHIP, MATERIALS AND EQUIPMENT 18

- 8-01. General Quality
- 8-02. Quality in Absence of Detailed Specifications
- 8-03. Materials and Equipment Specified by Name
- 8-04. Source of Materials
- 8-05. Storage of Materials
- 8-06. Drawings, Samples and Tests

SECTION 9. PROSECUTION OF WORK 19

- 9-01. Equipment and Methods
- 9-02. Time of Completion
- 9-03. Avoidable Delays
- 9-04. Unavoidable Delays
- 9-05. Notice of Delays
- 9-06. Extension of Time
- 9-07. Unfavorable Weather and Other Conditions
- 9-08. Saturday, Sunday, Holiday and Night Work
- 9-09. Hours of Labor

SECTION 10. PAYMENT20

- 10-01. Certification by Engineer
- 10-02. Progress Estimates and Payment
- 10-03. Substitution of Securities
- 10-04. Acceptance
- 10-05. Final Estimate and Payment
- 10-06. Delay Payments
- 10-07. Extra Work and Work Omitted
- 10-08. Compensation for Extra Work or Work Omitted
- 10-09. Compensation to the City for Extension of Time
- 10-10. Liquidated Damages for Delay

SECTION 11. MISCELLANEOUS23

- 11-01. Notice
- 11-02. Computation of Time
- 11-03. Claims Procedure Required by Public Contract Code Section 9204
- 11-04. Litigation and Forum Selection
- 11-05. Waiver

TECHNICAL SPECIFICATIONS

SECTION 12. GENERAL INFORMATION26

- 12-01. Arrangement of Technical Specifications
- 12-02. Existing
- 12-03. Business Licenses
- 12-04. Permits
- 12-05. Standard Specifications and Standard Plans
- 12-06. Temporary Facilities
- 12-07. Public Convenience and Safety
- 12-08. Maintaining Traffic
- 12-09. Traffic Control System for Street Closure
- 12-10. Stream Pollution
- 12-11. Warranties
- 12-12. Utilities
- 12-13. Dust Control
- 12-14. Noise Control
- 12-15. Watering
- 12-16. Preconstruction Conference
- 12-17. Progress Schedule
- 12-18. Safety Requirements

SECTION 13. CONSTRUCTION DETAILS30

13-01. Location and Scope of Work	
13-02. Preservation of Property	
13-03. Watering	
13-04. Protection/Replacement of Valve Boxes; Manhole Frames and Covers	
13-05. Grinding	
13-06. Hot Mix Asphalt	
13-07. Traffic Striping	
13-08. Pavement Markings	
13-09. Reflective and Non-Reflective Pavement Markers (Blue)	
13-10. Minor Concrete	
13-11. Construction Surveying	
13-12. Adjust Manholes & Valve Boxes to Grade	
13-13. Clearing and Grubbing	
13-14. Storm Drain Pipe	
13-15. Drainage Structures	
SECTION 14. EXCLUSIONS FROM GENERAL CONDITIONS	42
14-01. Provisions to be Excluded from General Conditions	
SECTION 15. AMENDMENTS TO GENERAL CONDITIONS	42
15-01. Provisions of General Conditions to be Amended	
CERTIFICATES AND DOCUMENTS	
BID SUBMITTAL CHECKLIST	43
PROPOSAL	44
BIDDING SCHEDULE	45
FAIR EMPLOYMENT PRACTICES CERTIFICATION	48
WORKER'S COMPENSATION CERTIFICATE	49
CERTIFICATE OF NONDISCRIMINATION IN EMPLOYMENT	50
LIST OF PROPOSED SUBCONTRACTORS	51
STATEMENT OF EXPERIENCE OF BIDDER	52
SIGNATURE OF BIDDER	53
BIDDER'S BOND	54
NON-COLLUSION AFFIDAVIT	55
AGREEMENT	56
INDEMNIFICATION AGREEMENT	60
EXAMPLE BOND FORMS	62
DIRECTIONS FOR PREPARATION OF PERFORMANCE AND MATERIAL AND LABOR BOND	65
DEFECTIVE MATERIAL AND WORKMANSHIP (MAINTENANCE) BOND	66
INSURANCE CERTIFICATES AND ENDORSEMENT FORMS	
APPENDICES:	
PLAN SHEETS - 21 PAGES	

CITY OF UKIAH, MENDOCINO COUNTY, CALIFORNIA
NOTICE TO BIDDERS FOR STATE ST. AND DORA ST. REHABILITATION PROJECT SPECIFICATION
NO. 21-04

NOTICE IS HEREBY GIVEN that sealed standard proposals for STATE ST. AND DORA ST. REHABILITATION PROJECT will be received at the Office of the City Clerk, Ukiah Civic Center, 300 Seminary Avenue, Ukiah California until 2:00 p.m. on XXXXX at which time, or as soon thereafter as possible, they will be publicly opened and read. Bids shall be addressed to the City Clerk and shall be endorsed "STATE ST. AND DORA ST. REHABILITATION PROJECT" Bids are required for the entire work described herein. No fax bids will be accepted.

ENGINEER'S ESTIMATE OF QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
1	TRAFFIC CONTROL	LS	1
2	MOBILIZATION	LS	1
3	ASPHALT GRINDING	CY	1206
4	ASPHALT CONCRETE FIBER REINFORCED (2" OVERLAY)	TON	3935
5	ADJUST MANHOLE TO GRADE	EA	11
6	ADJUST EXISTING VALVE/SSCO TO GRADE	EA	32
7	PAVEMENT MARKERS	EA	35
8	TRAFFIC STRIPE - DET 1	LF	1455
9	TRAFFIC STRIPE - DET 8	LF	3736
10	TRAFFIC STRIPE - DET 21	LF	1840
11	TRAFFIC STRIPE - DET 27B	LF	9631
12	TRAFFIC STRIPE - DET 32	LF	3694
13	TRAFFIC STRIPE - DET 39	LF	9578
14	TRAFFIC STRIPE - DET 39A	LF	744
15	THERMO X-WALK & PAVEMENT MARKING	SF	2785
16	REMOVE CONCRETE (CURB & GUTTER)	LF	810
17	REMOVE CONCRETE (SIDEWALK & FLATWORK)	SF	5647
18	MINOR CONCRETE (SIDEWALK)	SF	884
19	MINOR CONCRETE (CURB AND GUTTER)	LF	829
20	MINOR CONCRETE (6" PLANTER CURB)	LF	131
21	MINOR CONCRETE (CURB RAMP)	SF	4762
22	INSTALL 3"x12" GALVANIZED BOX DRAIN CHANNEL	LF	56
23	INSTALL 12" STORM DRAIN REINFORCED CONCRETE PIPE (CLASS IV)	LF	120
24	REMOVE DRAINAGE INLET	EA	1
25	DRAINAGE INLET	EA	3
26	CONSTRUCTION STAKING	LS	1

Plans and Special Provisions may also be downloaded at no charge from the City's website at www.cityofukiah.com/purchasing. Contact Mary Horger, Financial Services Manager, City of Ukiah, 300 Seminary Avenue, Ukiah, California 95482-5400. No bid will be considered unless it is made on the forms furnished by the City and is made in accordance with the details of the Special Provisions. Each bidder must be licensed as required by law. Further information regarding the work or these specifications can be obtained by calling Mary Horger at (707) 463-6233 or at fax phone (707) 313-3621.

The City Council reserves the right to reject any or all bids and to determine which proposal is, in its opinion, the lowest responsive bid by a responsible bidder and which it deems in the best interest of the City to accept. The City Council also reserves the right, but not the obligation, to waive any irregularity or failure to strictly comply with the bidding requirements, that the City determines in the reasonable exercise of its discretion does not provide the bidder with a competitive advantage over other bidders.

No contractor or subcontractor may be listed on a bid proposal for a public works project unless registered with the Department of Industrial Relations ("DIR") pursuant to Labor Code section 1725.5 except as allowed under Labor Code section 1771.1(a). The prime contractor shall be responsible for posting job site notices as prescribed by regulation. This project is subject to compliance monitoring and enforcement by the DIR.

Pursuant to provisions of Section 1770, including amendments thereof, of the Labor Code of the State of California, the DIR Director has ascertained the general prevailing rate of wages for straight time, overtime, Saturdays, Sundays and Holidays including employer payment for health and welfare, vacation, pension and similar purposes for the City of Ukiah. Copies of the General Prevailing Wage Determination are available on the Internet at web address: <http://www.dir.ca.gov/DLSR/PWD/> The prime contractor for the work herein shall possess a current, valid State of California, Class A (General Engineering) Contractor's License. Pursuant to California Public Contract Code §22300, this contract includes provisions that allow substitutions of certain types of securities in lieu of the City withholding a portion of the partial payments due the Contractor to insure performance under this contract.

By order of the City Council, City of Ukiah, County of Mendocino, State of California.

Dated: _____

Kristine Lawler, City Clerk, City of Ukiah, California

PUBLISH TWO TIMES: XXXXXXXXXX

INSTRUCTIONS TO BIDDERS

STATE ST. AND DORA ST. REHABILITATION PROJECT shall be performed in accordance with the Plans and Special Provisions therefor adopted, to which special reference is hereby made.

Each bidder must supply all the information required by the bid documents and Special Provisions.

Minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color or national origin in consideration for an award of any contract entered into pursuant to this advertisement. Women will be afforded equal opportunity in all areas of employment. However, the employment of women shall not diminish the standards or requirements for the employment of minorities.

All proposals or bids shall be accompanied by a cashier's check or certified check payable to the order of the City of Ukiah amounting to 10 percent of the bid, or by a bond in said amount and signed by the bidder and a corporate surety, payable to said City. Said check shall be forfeited, or said bond shall become payable to said City in case the bidder depositing the same does not, within fifteen (15) days after written notice that the contract has been awarded to him: (a) enter into a contract with the City and (b) furnish certificates of insurance and endorsements, a bond of faithful performance and a payment bond as described in the Special Provisions.

No bidder shall withdraw his or her bid for a period of thirty (30) calendar days after the date set by the City for the opening thereof.

The Contractor and any subcontractors shall each possess a valid City of Ukiah Business License prior to the start of any work.

The Contractor shall furnish a project schedule to the Engineer prior to the start of any work and start work as scheduled.

The work is to be completed within **forty-five (45) working days**. The Contractor will pay to the City the sum of five hundred (\$500.00) dollars per day for each and every calendar day's delay beyond the time prescribed.

The staff shall notify a bidder by telephone, email or fax, if it intends to recommend the rejection of the bidder's bid. Any bid protest must be filed with the City Clerk not more than five calendar days following the bid opening, or 2 calendar days following notice that staff is recommending the rejection of a bid. If any such timely written protest is filed, all bidders shall be provided a copy of the protest within 2 calendar days of its receipt, which may be delivered to the bidders as an email attachment or by fax. All such bidders may file with the City Manager a written objection or other response to the protest.

All objections or responses filed not more than 5 days after receipt of the written protest will be presented to the City Council at its next regular meeting occurring not less than 12 calendar days following the bid opening. The City Council will resolve the bid protest at that meeting based on the written protest, any staff recommendation and all timely written objections and responses. In accordance with the Brown Act, any person may address the City Council on this item during the meeting. The City Council action on the protest shall represent a final decision by the City on the protest.

Examination of Site, Drawings, Etc.

Each bidder shall visit the site of the proposed work and fully acquaint himself with local conditions, construction and labor required so that he or she may fully understand the facilities, difficulties and restrictions attending the execution of the work under the Contract. Bidders shall thoroughly examine and be familiar with the Plans and Special Provisions. The failure of any bidder to receive or examine any form, instrument, addendum, or other document, or to visit the site and acquaint himself with conditions there existing, shall in no way relieve the bidder from any obligation with respect to his or her proposal or to the contract. The drawings for the work show conditions as they are supposed or believed by the Engineer to exist; but, it is neither intended nor shall it be inferred that the conditions as shown thereon constitute a representation by the Engineer, the City or its officers that such conditions are actually existent, nor shall the City, the Engineer or any of their officers or representatives be liable for any loss sustained by the Contractor as a result of a variance between the conditions shown on the drawings and the conditions actually revealed during the progress of the work or otherwise.

The bidder's attention is directed to the possible existence of obstructions and public improvements within the limits of the work or adjacent thereto, which may or may not be shown on the Drawings. Any bid shall take into consideration that conditions may exist underground or otherwise that are not known to the City or easily detected during a site inspection that could impact the time or cost of completing the project. The City expects the bids to anticipate such conditions so that it can know for budgeting and other purposes the total cost to complete the project before accepting a bid and undertaking the legal obligation to construct the project. In awarding the contract the City relies on the contractor's representation that its bid anticipates differing site conditions and the additional time or cost that such conditions may necessitate.

The bidder shall investigate to his or her satisfaction the conditions to be encountered, the character, quality and quantities of work to be performed and materials to be furnished and the requirements of the Plans, Special Provisions, Standard Specifications, Standard Plans, and Contract Documents. The submission of a proposal shall be considered conclusive evidence that the bidder has made such examination and has accepted the project workplace as a safe workplace to perform the work of the Contract.

Bidder Inquiries and Questions

Inquiries and questions must be submitted in writing via fax or email to the following designated contact person:

Mary Horger, Financial Services Manager

Fax: (707) 313-3621

Email: mhorger@cityofukiah.com

The City reserves the right to not respond to inquiries or questions submitted within 3 business days of the bid opening.

Location of the Work

The project limits are on South Dora Street from Beacon Lane north to Washington Avenue and on State Street from Beacon Lane north to Cherry Street. All of the work to be performed is within the City of Ukiah.

GENERAL CONDITIONS

SECTION 1. PROPOSAL REQUIREMENTS AND GENERAL CONDITIONS

1-01. Definitions. Whenever any word or expression defined in this section, or pronoun used in its stead, occurs in these contract documents, it shall have and is mutually understood to have the meaning given:

- a. "City of Ukiah" or "City" shall mean the City of Ukiah, Mendocino County, California, acting through its City Council or any other board, body, official or officials to which or to whom the power belonging to the Council shall by virtue of any act or acts, hereafter pass or be held to appertain.
- b. "Engineer" shall mean the Engineer duly and officially appointed by the City to supervise and direct the work of construction under this contract, acting personally or through agents or assistants duly authorized by him, such agents or assistants acting within the scope of the particular duties entrusted to them.
- c. "Inspector" shall mean the engineering or technical inspector or inspectors duly authorized or appointed by the Engineer, limited to the particular duties entrusted to him or her or them.
- d. "Contractor" shall mean the party entering into contract with the City of Ukiah for the performance of work covered by this contract and his or her authorized agents or legal representatives.
- e. "Date of signing of contract" or words equivalent thereto, shall mean the date upon which this contract, with the signature of the Contractor affixed, together with the prescribed bonds, shall be or shall have been delivered to the City or its duly authorized representatives.
- f. "Day" or "days", unless herein otherwise expressly defined, shall mean a calendar day or days of twenty-four hours each.
- g. "The work" shall mean and include all the work specified, indicated, shown or contemplated in the contract to construct the improvement, including all alterations, amendments or extensions thereto made by contract change order or other written orders of the Engineer.
- h. "Contract drawings", "drawings", "plans" shall mean and include 1) all drawings or plans which may have been prepared by or on behalf of the City, as a basis for proposals, when duly signed and made a part of this contract by incorporation or reference, 2) all drawings submitted in pursuance of the terms of this contract by the successful bidder with his or her proposal and by the Contractor to the City if and when approved by the Engineer and 3) all drawings submitted by the Engineer to the Contractor during the progress of the work as provided for herein.
- i. Where "as shown", "as indicated", "as detailed" or words of similar import are used, it shall be understood that reference to the drawings accompanying these Special Provisions is made unless stated otherwise.

Where "as directed", "as permitted", "approved" or words of similar import are used, it shall be understood that the direction, requirements, permission, approval or acceptance of the Engineer is intended unless stated otherwise.

As used herein, "provide" or "install" shall be understood to mean "provide or install complete in place", that is, "furnish and install". "Shall" is mandatory; "may" is permissive.

1-02. Examination of Plans, Special Provisions and Site of Work. The bidder shall examine carefully the Proposal, Plans, Special Provisions, Contract forms and the site of the work contemplated therefor. It will be assumed that the bidder has investigated to his or her satisfaction the conditions to be encountered and the character, quality and requirements of all Plans, Special Provisions, Standard Specifications, and Standard Plans involved.

1-03. Proposal. Bids shall be made on the blank forms prepared by the City. All bids shall give the prices bid, both in writing and in figures and shall be signed by the bidder or his or her authorized representative, with his or her address. If the bid is made by an individual or partner, his or her name and the post office address of his or her business or partnership, along with his or her signature or the signature of one or more partners must be shown; if made by a corporation, the bid shall show the name of the state under the laws of which the corporation is chartered, the name of the corporation and the title of the person who signs on behalf of the corporation.

Each proposal shall be enclosed in a sealed envelope, endorsed as specified in the notice to bidders. Bidders are warned against making erasures or alterations of any kind and proposals which contain omissions, erasures, conditions, alterations, additions not called for, additional proposals or irregularities of any kind may be rejected.

1-04. Withdrawal of Bids. Any bid may be withdrawn at any time prior to the hour fixed in the notice to bidders for the openings of bids, provided that a request in writing, executed by the bidder or his or her duly authorized representative, for the withdrawal of such bid is filed with the City. The withdrawal of a bid will not prejudice the right of a bidder to file a new bid.

1-05. Public Opening of Bids. Bids will be opened and read publicly at the time and place indicated in the notice to bidders. Bidders or their agents are invited to be present.

1-06. Bid Guaranty. Each bid must be accompanied by a certified check, cashier's check or bidder's bond executed by an admitted surety insurer, payable to the order of the City of Ukiah in an amount not less than 10 percent of the bid as a guarantee that the bidder will enter into a contract, if awarded the work.

1-07. Qualification of Bidders. No contractor or subcontractor may be listed on a bid proposal for a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)]. No contractor or subcontractor may be awarded a contract for public work on a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5. The prime contractor shall be responsible for posting job site notices as prescribed by regulation. This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

Each bidder shall be licensed under the provisions of Chapter 9, Division 3 of the Business and Professions Code and shall be skilled and regularly engaged in the general class or type of work called for under this contract. A statement setting forth this experience and business standing shall be submitted by each bidder on the form provided herewith. It is the intention of the City to award a contract only to a bidder who furnishes satisfactory evidence that he or she has the requisite experience and ability and that he or she has sufficient capital, facilities and equipment to enable him or her to prosecute the work successfully and promptly within the time and in the manner agreed.

In determining the degree of responsibility to be credited to a bidder, the City may weigh evidence that the bidder or his or her personnel charged with the responsibility in the work, has performed satisfactorily other contracts of like nature and magnitude or comparable difficulty at similar rates of progress.

1-08. Disqualification of Bidders. More than one bid from an individual business, partnership, corporation or association, under the same or different names, will not be considered. Reasonable grounds for believing that any bidder is financially interested in more than one bid for the work will cause the rejection of all bids in which he or she is so interested. If there is reason to believe that collusion exists among the bidders, none of the participants in such collusion will be considered. Bids in which the prices obviously are unbalanced may be rejected.

1-09. Identification of Subcontractors. All bids shall comply with the Subletting and Subcontracting Fair Practices Act (Public Contract Code Section 4100 and following) and shall set forth:

(a) The name and the location of the place of business of each subcontractor who will perform work or labor, or render service to the prime contractor in or about the construction of the work, or to a subcontractor licensed by the State of California who, under subcontract to the prime contractor, specially fabricates and installs a portion of the work according to detailed drawings contained in the plans and Special Provisions, in an amount in excess of one-half of 1 percent of the prime contractor's total bid.

(b) The portion of the work which will be done by each such subcontractor. The prime contractor shall list only one subcontractor for each such portion defined by the prime contractor in his or her bid.

1-10. General Provisions of the Standard Specifications. All provisions of the General Provisions, Sections 1 through 11, of the Standard Specifications, shall be applicable to the contract except as modified by these Special Provisions. The Standard Specifications are set forth in Section 12-06 of these Special Provisions.

1-11. Addenda. If it becomes necessary to revise any part of these plans and specifications after they have been released, the City will issue an addendum containing the revision. All addenda will be posted on the City's website at www.cityofukiah.com/purchasing with the rest of the bid documents. Anyone who intends to submit a bid in response to this Request for Bid must check the website frequently for any posted addenda. Anyone submitting a bid will be deemed to have seen and agreed to be bound by the posted addenda.

SECTION 2. AWARD AND EXECUTION OF CONTRACT

2-01. Award of Contract. Award of the contract, if it be awarded, will be to the lowest responsible bidder whose bid complies with all the specified requirements. The award, if made, will be made within thirty (30) days after opening of the bids. The City reserves the right to reject any and all bids and to waive any irregularity in the proposal not pertaining to cost.

2-02. Return of Proposal Guaranties. All bid guaranties will be held until the contract has been fully executed, after which they will be returned upon request to the respective bidders whose bids they accompany.

2-03. Execution of Contract. The contract agreement shall be executed in duplicate by the successful bidder and returned, together with the contract bonds, insurance certificates and endorsements, within fifteen (15) days after written notice of the award of the contract. After execution by the City; one copy shall be filed with the City and one copy shall be returned to the Contractor. If the bidder fails or refuses to enter into the contract agreement within the required time, then the bid guaranty accompanying the bid shall be forfeited to the City.

SECTION 3. SCOPE AND INTENT OF CONTRACT

3-01. Effect of Inspection and Payments. Neither the inspection by the Engineer or an inspector, nor any order, measurement or approved modification, nor certificate or payment of money, nor acceptance of any part or whole of the work, nor any extension of time, nor any possession by the City or its agents, shall operate as a waiver of any provision of this contract or of any power reserved therein to the City, or of any right to damages thereunder; nor shall any breach of this contract be held to be a waiver of any subsequent breach. All remedies shall be construed as cumulative.

3-02. Effect of Extension of Time. The granting of any extension of time on account of delays which, in the judgement of the City, are avoidable delays shall in no way operate as a waiver on the part of the City of its rights under this contract.

3-03. Extra Work. If extra work orders are given in accordance with provisions of this contract, such work shall be considered a part hereof and shall be subject to each and all of its terms and requirements.

3-04. Assignment of Contract. The contract may be assigned or sublet in whole or in part only upon the written consent of the City acting through its authorized agents. Consent will not be given to any proposed assignment which would relieve the original contractor or its surety of their responsibilities under the contract nor will the Engineer consent to any assignment of a part of the work under the contract.

3-05. Subcontractors. The Contractor shall be as fully responsible for the acts and omissions of his or her subcontractors and of persons either directly or indirectly employed by them, as he or she is for the acts and omissions of persons directly employed by him.

The Contractor shall cause appropriate provisions to be inserted in all subcontracts relative to the work to bind subcontractors to the terms of this Contract which are applicable to the work of subcontractors.

Nothing contained in this contract shall be construed to create or shall be relied upon to create any contractual relationship between any subcontractor and the City and no action may be brought by any subcontractor against the City based on this contract.

3-06. Interpretation of Special Provisions and Drawings. The Special Provisions and the Contract Drawings are intended to be explanatory of each other. Any work indicated in the Contract Drawings and not in the Special Provisions, or vice versa, is to be executed as if indicated in both. In case of a discrepancy or conflict between the Technical Specifications and Contract Plans, the Technical Specifications shall govern. All work shown on the Contract Drawings, the dimensions of which are not figured, shall be accurately followed to the scale to which the drawings are made, but figured dimensions are in all cases to be followed, where given, though they differ from scaled measurements. Large scale drawings shall be followed in preference to small scale drawings. Should it appear that the work to be done, or any of the matters relative thereto, are not sufficiently detailed or explained in these contract documents, including the contract drawings, the Contractor shall apply to the Engineer for such further explanations as may be necessary and shall conform thereto as part of this contract, so far as may be consistent with the terms of this contract. In the event of any doubt or questions arising respecting the true meaning of the Special Provisions, reference shall be made to the Engineer and his or her decision thereon shall be final. If the Contractor believes that a clarification or interpretation justifies an increase in the contract price or contract time, the Contractor must comply with the written notice provisions of Sections 9-05 and 10-07 of these Special Provisions. Contractor's attention is directed to Section 12-06 of the Technical Specifications regarding the Standard Specifications and Standard Plans.

3-07. Addenda. If it becomes necessary to revise any part of these plans and specifications after they have been released, the City will issue an addendum containing the revision. All addenda will be posted on the City's website at www.cityofukiah.com/purchasing with the rest of the bid documents. Anyone who intends to submit a bid in response to this Request for Bid must check the website frequently for any posted addenda. Anyone submitting a bid will be deemed to have seen and agreed to be bound by the posted addenda.

3-08. Liability of City Officials. No city official, nor the Engineer, nor any authorized assistant of any of them, shall be personally responsible for any liability arising under this contract.

3-09. Dispute Resolution. Claims of \$375,000 or less by the Contractor that arise under this Contract are subject to the mandatory dispute resolutions provisions in Public Contract Code Sections 20104-20104.6.

SECTION 4. BONDS

4-01. Faithful Performance Bond. As a part of the execution of this contract, the Contractor shall furnish a bond of a surety company or other securities providing equivalent protection such as cash, letter of credit, or certificates of deposit, acceptable to the City, conditioned upon the faithful performance of all covenants and stipulations under this contract. The amount of the bond shall be 100 percent of the total contract price, as this sum is set forth in the agreement.

4-02. Material and Labor Bond. As a part of the execution of this contract, the Contractor shall furnish a bond of a surety company or other securities providing equivalent protection such as cash, letter of credit or certificates of deposit acceptable to the City in a sum not less than 50 percent of the total contract price, as this sum is set forth in the agreement for the payment in full of all persons, companies or corporations who perform labor upon or furnish materials to be used in the work under this contract, in accordance with the provisions of Sections 3247 through 3252 inclusive of the Civil Code of the State of California and any acts amendatory thereof.

4-03. Defective Material and Workmanship Bond. As a condition precedent to the completion of this contract, the Contractor shall furnish a bond of a surety company acceptable to the City in an amount not less than 5 percent (5%) of the final contract price, to hold good for a period of one (1) year after the completion and acceptance of the work, to protect the City against the results of defective materials, workmanship and

equipment during that time. This bond shall be delivered to the City before the final payment under this contract will be made.

4-04. Notification of Surety Companies. The surety companies shall familiarize themselves with all of the conditions and provisions of this contract and they waive the right of special notification of any change or modification of this contract or of extension of time, or decreased or increased work, or of the cancellation of the contract, or of any other act or acts by the City or its authorized agents, under the terms of this contract; and failure to so notify the aforesaid surety companies of changes shall in no way relieve the surety companies of their obligation under this contract.

SECTION 5. INSURANCE REQUIREMENTS FOR CONTRACTORS (WITH CONSTRUCTION RISKS)

Contractor shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder by the Contractor, his or her agents, representatives, employees or subcontractors.

5-01. Minimum Scope of Insurance

Coverage shall be at least as broad as:

1. Insurance Services Office Commercial Liability Coverage (occurrence form CG 0001).
2. Insurance Services Office form number CA 0001 (Ed. 1/87) covering Automobile Liability, code 1 (any auto).
3. Worker's Compensation insurance as required by the State of California and Employer's Liability Insurance.
4. Course of Construction insurance covering for "all risks" of loss.

5-02. Minimum Limits of Insurance

Contractor shall maintain limits no less than:

1. General Liability: \$2,000,000 per occurrence for bodily injury, personal injury and property damage including operations, products and completed operations. If Commercial General Liability Insurance or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit.
2. Automobile Liability: \$2,000,000 per accident for bodily injury and property damage.
3. Employer's Liability: \$1,000,000 per accident for bodily injury and property damage.
4. Course of Construction: Completed value of the project with no co-insurance penalty provisions.

5-03. Deductibles and Self-insured Retentions. Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of the City, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the City, its officers, officials, employees and volunteers; or the Contractor shall provide a financial guarantee satisfactory to the City guaranteeing payment of losses and related investigations, claim administration and defense expenses.

5-04. Other Insurance Provisions

The general liability and automobile liability policies are to contain, or be endorsed to contain, the following provisions:

1. The City, its officers, officials, employees and volunteers are to be covered as Additional Insured with respect to liability arising out of automobiles owned, leased, hired or borrowed by or on behalf of the contractor; and with respect to liability arising out of work or operations performed by or on behalf of the

Contractor including materials, parts or equipment furnished in connection with such work or operations. General liability coverage can be provided in the form of an endorsement to the Contractor's insurance, or as a separate owner's policy.

2. The workers' compensation policy is to be endorsed with a waiver of subrogation. The insurance company, in its endorsement, agrees to waive all rights of subrogation against the City, its officers, officials, employees and volunteers for losses paid under the terms of this policy which arises from the work performed by the named insured for the City.
3. For any claims related to this project, the Contractor's insurance coverage shall be primary insurance as respects the City, its officers, officials, employees or volunteers. Any insurance or self-insurance maintained by the City, its officers, officials, employees or volunteers shall be excess of the Contractor's insurance and shall not contribute with it.
4. Each insurance policy required by this clause shall be endorsed to state that coverage shall not be canceled by either party, except after thirty (30) days' prior written notice by certified mail, return receipt requested, has been given to the City.
5. Coverage shall not extend to any indemnity coverage for the active negligence of the additional insured in any case where an agreement to indemnify the additional insured would be invalid under Subdivision (b) of Section 2782 of Civil Code.
6. Course of Construction policies shall contain the following provisions:
 - a.) The City shall be named as loss payee.
 - b.) The insurer shall waive all rights of subrogation against the City.

5-05. Acceptability of Insurers

Insurance is to be placed with insurers with a current A.M. Best's rating of no less than the following:

A++ VII	A- VIII
A+ VII	B++ X
A VII	B+ X

5-06. Verification of Coverage. Contractor shall furnish the City with original certificates and amendatory endorsements effecting coverage required by this clause. The endorsements shall be on forms provided by the City or on other than the City's forms, provided those endorsements or policies conform to the requirements. All certificates and endorsements are to be received within 15 days from written notice of contract award, and the work shall not commence until the certificates and endorsements have been approved by the City. The City reserves the right to require complete certified copies of all required insurance policies, including endorsements affecting the coverage required by these Special Provisions at any time.

5-07. Subcontractors. Contractor shall include all subcontractors as insureds under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverages for subcontractors shall be subject to all of the requirements stated herein.

SECTION 6. RESPONSIBILITIES AND RIGHTS OF CONTRACTOR

6-01. Legal Address of Contractor. Both the address given in the proposal and the Contractor's office in the vicinity of the work are hereby designated as places to either of which drawings, samples, notices, letters or other articles or communications to the Contractor may be mailed or delivered. The delivery at either of these places of any such thing from the City or its agents to the Contractor shall be deemed sufficient service thereof upon the Contractor and the date of such service shall be the date of such delivery. The address named in the proposal may be changed at any time by notice in writing from the Contractor to the City. Nothing herein contained shall be deemed to preclude or render inoperative the service of any drawing, sample, notice, letter or other article or communication to or upon the Contractor personally.

6-02. Office of Contractor at Site. During the performance of this contract, the Contractor shall maintain a suitable office at the site of the work which shall be the headquarters of a representative authorized to receive

drawings and any such thing given to the said representatives or delivered at the Contractor's office at the site of work in his or her absence shall be deemed to have been given to the Contractor.

6-03. Attention to Work. The Contractor shall give his or her personal attention to and shall supervise the work to the end that it shall be prosecuted faithfully and when he or she is not personally present on the work, he or she shall at all reasonable times be represented by a competent superintendent or foreman who shall receive and obey all instructions or orders given under this contract and who shall have full authority to execute the same and to supply materials, tools and labor without delay and who shall be the legal representative of the Contractor. The Contractor shall be liable for the faithful observance of any instructions delivered to him or her or to his or her authorized representative.

6-04. Liability of Contractor. The Contractor shall do all of the work and furnish all labor, materials, tools and appliances, except as otherwise herein expressly stipulated, necessary or proper for performing and completing the work herein required in the manner and within the time herein specified. The mention of any specific duty or liability imposed upon the Contractor shall not be construed as a limitation or restriction of any general liability or duty imposed upon the Contractor by this contract, said reference to any specific duty or liability being made herein merely for the purpose of explanation.

The right of general supervision by the City shall not make the Contractor an agent of the City and the liability of the Contractor for all damages to persons or to public or private property, arising from the Contractor's execution of the work, shall not be lessened because of such general supervision.

Until the completion and final acceptance by the City of all the work under and implied by this contract, the work shall be under the Contractor's responsible care and charge. The Contractor shall rebuild, repair, restore and make good all injuries, damages, re-erections and repairs, occasioned or rendered necessary by causes of any nature whatsoever, excepting only acts of God and none other, to all or any portions of the work, except as otherwise stipulated.

To the fullest extent permitted by law, Contractor shall indemnify and hold harmless the City and its officers, directors, agents and employees from and against all claims, damages, losses and expenses including but not limited to attorneys' fees, costs of suit, expert witness fees and expenses and fees and costs of any necessary private investigators arising out of or resulting from the performance of the work, provided that any such claim, damage, loss or expense (1) is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property, other than the work itself, including the loss of use resulting therefrom and (2) is caused in whole or in part by any act or omission of the Contractor, any subcontractor, or anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, regardless of whether or not it is caused in part by a party indemnified hereunder, or by the negligence or omission of a party indemnified herein.

In any and all claims against the City or any of its agents or employees by any employee of the Contractor, any subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable, the indemnification obligation shall not be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the Contractor or any subcontractor under workers' or workmen's compensation acts, disability benefit acts, or other employee benefit acts. The obligation to indemnify shall extend to and include acts of the indemnified party which may be negligent or omissions which may cause negligence.

The City shall have the right to estimate the amount of such damage and to cause the City to pay the same and the amount so paid for such damage shall be deducted from the money due the Contractor under this contract; or the whole or so much of the money due or to become due the Contractor under this contract as may be considered necessary by the City, shall be retained by the City until such suits or claims for damages shall have been settled or otherwise disposed of and satisfactory evidence to that effect furnished to the City.

6-05. Protection of Persons and Property. The Contractor shall furnish such watchman, guards, fences, warning signs, walks and lights as shall be necessary and shall take all other necessary precautions to prevent damage or injury to persons or property.

All property line fences and improvements in the vicinity of the work shall be protected by the Contractor and, if they are injured or destroyed, they and any other property injured by the Contractor, his or her employees or agents, shall be restored to a condition as good as when he or she entered upon the work.

6-06. Protection of City Against Patent Claims. All fees, royalties or claims for any patented invention, article or method that may be used upon or in any manner connected with the work under this contract shall be included in the price bid for the work and the Contractor and his or her sureties shall protect and hold the City, together with all of its officers, agents, servants and employees, harmless against any and all demands made for such fees or claims brought or made on account of this contract. The Contractor shall, if requested by the Engineer, furnish acceptable proof of a proper release from all such fees or classes.

Should the Contractor, his or her agents, servants or employees, or any of them be enjoined from furnishing or using any invention, article, material or appliance supplied or required to be supplied or used under this contract, the Contractor shall promptly substitute other articles, materials or appliance, in lieu thereof, of equal efficiency, quality, finish, suitability and market value and satisfactory in all respects to the Engineer. Or, in the event that the Engineer elects, in lieu of such substitution, to have supplied and to retain and use, any such invention, article, material or appliance, as may by this contract be required to be supplied, in that event the Contractor shall pay such royalties and secure such valid licenses as may be requisite and necessary for the City, its officers, agents, servants and employees, or any of them, to use such invention, article, material or appliance without being disturbed or in any way interfered with by any proceeding in law or equity on account thereof. Should the Contractor neglect or refuse to make the substitution promptly, or to pay such royalties and secure such licenses as may be necessary, then in that event the Engineer shall have the right to make such substitution, or the City may pay such royalties and secure such licenses and charge the cost thereof against any money due to the Contractor from the City or recover the amount thereof from him or her and his or her sureties notwithstanding final payment under this contract may have been made.

6-07. Protection of Contractor's Work Property. The Contractor shall protect his or her work, supplies and materials from damage due to the nature of the work, the action of the elements, trespassers, or any cause whatsoever under his or her control, until the completion and acceptance of the work. Neither the City nor any of its agents assumes any responsibility for collecting indemnity from any person or persons causing damage to the work of the Contractor.

6-08. Regulations and Permits. The Contractor shall secure and pay for all permits, give all notices and comply with all laws, ordinances, rules and regulations bearing on the conduct of the work as drawn and specified. If the Contractor observes that the Plans and Special Provisions are at variance therewith, he or she shall promptly notify the Engineer in writing and any necessary changes shall be adjusted as provided in the contract for changes in the work. The contractor and any subcontractors shall each secure and maintain a valid City of Ukiah Business License. The City of Ukiah will issue a no fee encroachment permit to the Contractor allowing him or her to perform work within City right of way or within City property after the Contract Documents have been executed and insurance certificates and endorsements have been approved by the City.

6-09. Construction Utilities. The Contractor shall be responsible for providing for and in behalf of his or her work under this contract, all necessary utilities, such as special connection to water supply, telephones, power lines, fences, roads, watchmen, suitable storage places, etc.

6-10. Approval of Contractor's Plans. The approval by the Engineer of any drawing or any method of work proposed by the Contractor in accordance with paragraph 8-06 shall not relieve the Contractor of any of his or her responsibility for his or her errors therein and shall not be regarded as any assumption of risk or liability by the City or any officer or employee thereof and the Contractor shall have no claim under this contract on account of the failure or partial failure or inefficiency of any plan or method so approved. Such approval shall be considered to mean merely that the Engineer has no objection to the Contractor's using, upon his or her own full responsibility the plan or method approved.

6-11. Suggestions to the Contractor. Any plan or method of work suggested by the Engineer to the Contractor, but not specified or required, if adopted or followed by the Contractor in whole or in part, shall be used at the risk and responsibility of the Contractor; and the Engineer and the City shall assume no responsibility thereof.

6-12. Termination of Unsatisfactory Subcontracts. Should any subcontractor fail to perform in a satisfactory manner the work undertaken by him, such subcontract shall be terminated immediately by the Contractor upon notice from the Engineer.

6-13. Preservation of Stakes and Marks. The Contractor shall preserve carefully bench marks, reference points and stakes and in case of destruction he or she shall replace his or her stakes, reference points and bench marks and shall be responsible for any mistakes that may be caused by their unnecessary loss or disturbance. Contractor's attention is directed to Section 7-03 of these Special Provisions.

6-14. Assistance to Engineer. At the request of the Engineer the Contractor shall provide men from his or her force and tools, stakes and other materials to assist the Engineer temporarily in making measurements and surveys and in establishing temporary or permanent reference marks. Payment for such materials and assistance will be made as provided for under the caption "Extra Work," provided, however, that the cost of setting stakes and marks carelessly lost or destroyed by the Contractor's employees will be assessed to the Contractor.

6-15. Removal of Condemned Materials and Structures. The Contractor shall remove from the site of the work, without delay, all rejected and condemned materials or structures of any kind brought to or incorporated in the work and upon his or her failure to do so, or to make satisfactory progress in so doing, within forty-eight (48) hours after the service of a written notice from the Engineer, the condemned material or work may be removed by the City and the cost of such removal shall be taken out of the money that may be due or may become due the Contractor on account of or by virtue of this contract. No such rejected or condemned material shall again be offered for use by the Contractor under this Contract.

6-16. Proof of Compliance with Contract. In order that the Engineer may determine whether the Contractor has complied with the requirements of this contract, not readily enforceable through inspection and tests of the work and materials, the Contractor shall, at any time when requested, submit to the Engineer properly authenticated documents or other satisfactory proofs as to his or her compliance with such requirements.

6-17. Errors and Omissions. If the Contractor, in the course of the work, finds any errors or omissions in plans or in the layout as given by survey points and instruction, or if he or she finds any discrepancy between the plans and the physical conditions of the locality, he or she shall immediately inform the Engineer, in writing and the Engineer shall promptly verify the same. Any work done after such discovery, until authorized, will be done at the Contractor's risk.

6-18. Cooperation. The Contractor shall cooperate with all other contractors who may be performing work in behalf of the City and workmen who may be employed by the City on any work in the vicinity of the work to be done under this contract with the work of such contractors or workmen. he or she shall make good promptly, at his or her own expense, any injury or damage that may be sustained by other contractors or employees of the City at his or her hands.

Any difference or conflict which may arise between the Contractor and other contractors, or between the contractor and workmen of the City in regard to their work shall be adjusted and determined by the Engineer. If the work of the Contractor is delayed because of any acts or omissions of any other contractor or of the City, the Contractor shall on that account have no claim against the City other than for an extension of time.

6-19. Right of Contractor to Stop Work. Under the following conditions the Contractor shall have the right, if he or she so desires, to stop the work and terminate the contract upon ten (10) days written notice to the Engineer and recover from the City payment for all work actually performed and for all satisfactory materials actually delivered to the site of the work for permanent incorporation therein, all as may be shown by the estimate of the Engineer.

- (1) If the work is stopped under an order of any court or other competent public authority for a period of time of three (3) months through no act or fault of the Contractor or of anyone employed by him.
- (2) If the Engineer fails to issue the monthly certificate for payment in accordance with the terms of this contract.
- (3) If the City fails to pay the Contractor within sixty (60) days after it shall have become due, as provided by the terms of this contract, any sum certified by the Engineer or awarded by the City.

All provided that if such action to terminate the contract be not instituted by the Contractor within ten (10) days after the alleged existence of such condition and if written notice of such action be not at that time delivered to the City and the Engineer, then such right shall lapse until another occasion arises according to this section.

6-20. Hiring and Dismissal of Employees. The Contractor shall employ only such foremen, mechanics and laborers as are competent and skilled in their respective lines of work and whenever the Engineer shall notify the Contractor that any person on the work is, in his or her opinion, incompetent, unfaithful, intemperate or disorderly, or refuses to carry out the provisions of this contract, or uses threatening or abusive language to any person on the work representing the City, or is otherwise unsatisfactory, such person shall be discharged immediately from the work and shall not be re-employed upon it except with the consent of the Engineer.

6-21. Wage Rates.

1. Contractor shall pay all mechanics and laborers employed or working upon the site of the work unconditionally and without subsequent deductions or rebate on any account the full amounts due at the time of payment at wage rates not less than those contained in the applicable prevailing wage determination, regardless of any contractual relationship which may be alleged to exist between the Contractor and subcontractors and such laborers and mechanics.
2. Contractor shall comply with the California Labor Code Section 1775. In accordance with said Section 1775, Contractor shall forfeit as a penalty to the Owner, \$50.00 (or the higher minimum penalty as provided in Section 1775(B)(ii) – (iii)) for each calendar day or portion thereof, for each workman paid less than the stipulated prevailing rates for such work or craft in which such workman is employed for any work done under the Contract by him or her or by any subcontractor under him or her in violation of the provisions of the Labor Code and in particular, Labor Code Sections 1770 to 1780, inclusive. In addition to said penalty and pursuant to Section 1775, the difference between such stipulated prevailing wage rates and the amount paid to each workman for each calendar day or portion thereof for which each workman was paid less than the stipulated prevailing wage rate shall be paid to each workman by the Contractor.
3. Pursuant to the provision of Section 1770 of the Labor Code of the State of California, Owner has ascertained the general prevailing rate of wages (which rate includes employer payments for health and welfare, vacation, pension and similar purposes) applicable to the work to be done, for straight time work. The holiday wage rate listed shall be applicable to all holidays recognized in the collective bargaining agreement of the particular craft, classification or type of workmen concerned. Copies of the General Prevailing Wage Determination are available on the Internet at web address: <http://www.dir.ca.gov/DLSR/PWD> The Contractor shall post the wage determination at the site of work in a prominent place where it can easily be seen by the workers.
4. City will not recognize any claim for additional compensation because the Contractor has paid any rate in excess of the prevailing wage rate obtained by the Contractor. The possibility of wage increases is one of the elements to be considered by the Contractor in determining his or her bid and will not in any circumstances be considered as the basis for a claim against the City.
5. The Labor Commissioner through the Division of Labor Standards Enforcement (DLSE) may at any time require contractors and subcontractors to furnish electronic certified payroll records directly to DLSE. Commencing with contracts awarded or after April 1, 2015, all contractors and subcontractors must furnish electronic certified payroll records directly to the DLSE.
6. Travel and Subsistence Payments.

Contractor shall make travel and subsistence payments to each workman needed to execute the work in accordance with the requirements in Section 1773.8 of the Labor Code (Chapter 880, Statutes of 1968).

7. Apprentices.

Attention is directed to the provisions in Sections 1777.5 (Chapter 1411, Statutes of 1968) and 1777.6 of the California Labor Code concerning the employment of apprentices by the

Contractor or any subcontractor under him. Contractor and any subcontractor under him or her shall comply with the requirements of said sections in the employment of apprentices.

Information relative to apprenticeship standards, wage schedules and other requirements may be obtained from the Director of Industrial Relations, ex officio the Administrator of Apprenticeship, San Francisco, California, or from the Division of Apprenticeship Standards and its branch offices.

6-22. Cleaning Up. The Contractor shall not allow the site of the work to become littered with trash and waste material, but shall maintain the same in a neat and orderly condition throughout the construction period. The Engineer shall have the right to determine what is or is not waste material or rubbish and the place and manner of disposal.

On or before the completion of the work, the Contractor shall without charge therefore carefully clean out all pits, pipes, chambers or conduits and shall tear down and remove all temporary structures built by him or her and shall remove rubbish of all kind from any of the grounds which he or she has occupied and leave them in first class condition.

6-23. Guaranty. All work shall be guaranteed for a period of one year from the date of acceptance by the City. The Contractor shall promptly make all needed repairs arising out of defective materials, workmanship and equipment.

The City is hereby authorized to make such repairs if within ten days after the mailing of a notice in writing to the Contractor or his or her agent, the Contractor shall neglect to make or undertake with due diligence the aforesaid repairs, provided, however, that in case of an emergency where, in the opinion of the City delay would cause serious loss or damage, repairs may be made without notice being sent to the Contractor and the Contractor shall pay the costs thereof.

Pursuant to the provisions of Section 4-03 of these Special Provisions, the Contractor shall furnish a Defective Material and Workmanship Bond in an amount not less than 5 percent of the final contract price, which shall be effective for a period of one (1) year after the completion and acceptance of the work.

6-24. Public Notification. The contractor shall be responsible for all public notification regarding construction work within the subject intersection, including detours, lane and street closures, hours of operations, and notification of effected commercial businesses within 1000 feet of the construction. For any business impacted by construction, the contractor shall provide adequate sized on-site signage indicating that businesses are open during construction for pedestrian traffic. The contractor shall prepare public noticing via the newspaper, radio announcements, notification of the emergency vehicle agencies, public transit, school buses, County of Mendocino offices, the high school, junior high school, elementary schools effected by potential detours and street closures, with recommended alternate routes of travel. Through street access from will be restricted to businesses and residents only during construction days. All proposed detours, closures and traffic control methods shall be submitted to the Engineer for approval prior to noticing the public. All public noticing shall be performed a minimum of one week prior to instituting traffic control, and lane or street closures.

The tentative construction schedule shall be included in the public noticing, and the use of temporary traffic signalization of the intersection shall be noted All road closures, detour routes, and traffic control including temporary lane closure plans shall be submitted by the Contractor to the City Engineer for approval prior to public noticing and use.

SECTION 7. RESPONSIBILITIES AND RIGHTS OF CITY

7-01. Authority of the Engineer. All work done under this contract shall be done in a workmanlike manner and shall be performed to the reasonable satisfaction of the Engineer, who shall have general supervision of all work included hereunder. To prevent disputes and litigation, the Engineer (1) shall in all cases determine the amount, quality, acceptability and fitness of the several kinds of work and materials which are to be paid for under this contract, (2) shall decide all questions relative to the true construction, meaning and intent of the Special Provisions and Drawings, (3) shall decide all questions which may arise relative to the classifications and measurements of quantities and materials and the fulfillment of this contract and (4) shall have the power to reject or condemn all work or material which does not conform to the terms of this contract. his or her estimate

and decision in all matters shall be a condition precedent to an appeal for arbitration, or the right of the Contractor to receive, demand, or claim any money or other compensation under this agreement and a condition precedent to any liability on the part of the City to the Contractor on account of this contract. Whenever the Engineer shall be unable to act, in consequence of absence or other cause, then such engineer as the Engineer or the City shall designate, shall perform any and all of the duties and be vested with any or all of the powers herein given to the Engineer.

7-02. Inspection. The City will provide engineering personnel for the inspection of the work.

The Engineer and his or her representatives shall at all times have access to the work whenever it is in preparation or progress and the Contractor shall provide proper facilities for such access and inspection.

If the Special Provisions, the Engineer's instruction, laws, ordinances, or any public authority require any work to be specially tested or approved, the Contractor shall give the Engineer timely notice of its readiness for inspection and, if the inspection is by an authority other than the Engineer, of the date fixed for such inspection. Inspections by the Engineer shall be promptly made at the source of supply where practicable. If any work shall be covered up without approval or consent of the Engineer, it must, if required by the Engineer, be uncovered for examination and properly restored at the Contractor's expense.

Re-examination of any work may be ordered by the Engineer and, if so ordered, the work must be uncovered by the Contractor. If such work is found to be in accordance with the contract documents, the City shall pay the cost of re-examination and replacement. If such work is not in accordance with the contract documents, the Contractor shall pay such cost.

Properly authorized and accredited inspectors shall be considered to be the representatives of the City limited to the duties and powers entrusted to them. It will be their duty to inspect materials and workmanship of those portions of the work to which they are assigned, either individually or collectively, under instructions of the Engineer and to report any and all deviations from the Drawings, Special Provisions and other contract provisions which may come to their notice. Any inspector may be considered to have the right to order the work entrusted to his or her supervision stopped, if in his or her opinion such action becomes necessary, until the Engineer is notified and has determined and ordered that the work may proceed in due fulfillment of all contract requirements.

7-03. Surveys. Contractor shall furnish all land surveys, establish all base lines and bench marks and make sufficient detailed surveys needed for working points, lines and elevations. The Contractor shall develop all slope stakes and batter boards. Contractor shall also develop all additional working points, lines and elevations as he or she may desire to facilitate his or her methods and sequence of construction.

7-04. Rights-of-Way. The City will provide all necessary rights-of-way and easements in or beneath which work will be performed by the Contractor under this contract.

7-05. Retention of Imperfect Work. If any portion of the work done or material furnished under this contract shall prove defective and not in accordance with the Plans and Special Provisions, and if the imperfection in the same shall not be of sufficient magnitude or importance to make the work dangerous or undesirable, the Engineer shall have the right and authority to retain such work instead of requiring the imperfect work to be removed and reconstructed, but he or she shall make such deductions therefor in the payments due or to become due the Contractor as may be just and reasonable.

7-06. Changes in the Work. The Engineer shall have the right, in writing, to order additions to, omissions from, or corrections, alterations and modifications in the line, grade, form, dimensions, plan, or kind or amount of work or materials herein contemplated, or any part thereof, either before or after the beginning of construction. However, the arithmetical sum of the cost to the City of additions and subtractions from the work under this contract shall not exceed 10 percent of original contract amount or \$5,000, whichever is the greater, unless based upon a supplementary agreement to be made therefore.

The order of such additions, omissions, corrections, alterations and modifications shall be in writing and signed by the Engineer and, in order, shall then be binding upon the Contractor. The Contractor shall proceed with the work as changed and the value of such change shall be determined as provided for in section 10-07 of these Special Provisions.

Such alterations shall in no way affect, vitiate, or make void this contract or any part thereof, except that which is necessarily affected by such alterations and is clearly the evident intention of the parties to this contract.

7-07. Additional Drawings by City. The drawings made a part of this contract at the time of its execution are intended to be fairly comprehensive and to indicate in more or less detail the scope of the work. In addition to these drawings, however, the Engineer shall furnish such additional drawings from time to time during the progress of the work as are necessary to make clear or to define in greater detail the intent of the Special Provisions and the contract drawings and the Contractor shall make his or her work conform to all such drawings.

7-08. Additional and Emergency Protection. Whenever, in the opinion of the Engineer, the Contractor has not taken sufficient precautions for the safety of the public or the protection of the works to be constructed under this contract, or of adjacent structures or property which may be injured by the processes of construction on account of such neglect and whenever, in the opinion of the Engineer, an emergency shall arise and immediate action shall be considered necessary in order to protect public or private, personal or property interest, then and in that event, the Engineer, with or without notice to the Contractor may provide suitable protection to the said interests by causing such work to be done and such material to be furnished as shall provide such protection as the Engineer may consider necessary and adequate.

The cost and expense of such work and material so furnished shall be borne by the Contractor and, if the same shall not be paid on presentation of the bills therefor, then such costs shall be deducted from any amounts due or to become due the Contractor.

The performance of such emergency work under the direction of the Engineer shall in no way relieve the Contractor from any damages which may occur during or after such precaution has been taken by the Engineer.

7-09. Suspension of Work. The City may at any time suspend the work or any part thereof by giving five (5) days written notice to the Contractor. The work shall be resumed by the Contractor within ten (10) days after the date fixed in the written notice from the City to the Contractor so to do. The City shall reimburse the Contractor for expense incurred by the Contractor in connection with the work under this contract as a result of such suspension.

If the work, or any part thereof, shall be stopped by the notice in writing aforesaid and if the City does not give notice in writing to the Contractor to resume work at a date within ten (10) days of the date fixed in the written notice to suspend, then the Contractor may abandon that portion of the work so suspended and he or she will be entitled to the estimates and payments for all work done on the portions so abandoned, if any, plus 5 percent of the value of the work so abandoned, to compensate for loss of overhead, plant expense and anticipated profit.

7-10. Right of City to Terminate Contract. If the Contractor should be adjudged a bankrupt, or if he or she should make a general assignment for the benefit of his or her creditors, or if a receiver should be appointed on account of his or her insolvency, or if he or she should persistently or repeatedly refuse or should fail, except in cases for which extension of time is provided, to supply sufficient properly skilled workmen or proper materials, or if he or she should fail to make prompt payments to subcontractors or for material or labor, or persistently disregard laws, ordinances or the instructions of the Engineer, or otherwise be guilty of a substantial violation of any provision of the contract, then the City, upon the certificate of the Engineer that sufficient cause exists to justify such action, may, without prejudice to any other right or remedy and after giving the Contractor seven days written notice, terminate the employment of the Contractor and take possession of the premises and of all materials, tools and appliances and finish the work by whatever method the City may deem expedient. In such case, the Contractor shall not be entitled to receive any further payment until the work is finished. If the unpaid balance of the contract price shall exceed the expense of finishing the work, including compensation for additional managerial and administrative services, such excess shall be paid to the Contractor. If such expense shall exceed such unpaid balance, the Contractor shall pay the difference to the City. The expense incurred by the City as herein provided and the damage incurred through the Contractor's default, shall be certified by the Engineer.

7-11. Use of Completed Portions. The City shall have the right to take possession of and use any completed or partially completed portions of the work, notwithstanding the time for completing the entire work or such portions which may not have expired; but such taking possession and using shall not be deemed an acceptance of any work not completed in accordance with the contract documents. If such prior use increases the cost of or delays the work, the Contractor shall be entitled to such extra compensation, or extension of time or both, as the Engineer may determine.

SECTION 8. WORKMANSHIP, MATERIALS and EQUIPMENT

8-01. General Quality. Materials and equipment shall be new and of a quality equal to that specified or approved. Work shall be done and completed in a thorough and workmanlike manner.

8-02. Quality in Absence of Detailed Specifications. Whenever under this contract it is provided that the Contractor shall furnish materials or manufactured articles or shall do work for which no detailed specifications are set forth, the materials or manufactured articles shall be of the best grade in quality and workmanship obtainable in the market from firms of established good reputation, or, if not ordinarily carried in stock, shall conform to the usual standards for first-class materials or articles of the kind required, with due consideration of the use to which they are to be put. In general, the work performed shall be in full conformity and harmony with the intent to secure the best standard of construction and equipment of the work as a whole or in part.

8-03. Materials and Equipment Specified by Name. Whenever any material or equipment is indicated or specified by patent or proprietary name or by the name of the manufacturer, such specification shall be considered as used for the purpose of describing the material or equipment desired and shall be considered as followed by the words "or approved equal". The Contractor may offer any material or equipment which shall be equal in every respect to that specified, provided that written approval first is obtained from the Engineer.

8-04. Source of Materials. Price, fitness and quality being equal, preference shall be given by the Contractor for supplies grown, manufactured or produced in the State of California and, next, for such products partially produced in this State in accordance with Government Code Section 4332.

8-05. Storage of Materials. Materials shall be so stored to ensure the preservation of their quality and fitness for the work. They shall be so located and disposed that prompt and proper inspection thereof may be made.

8-06. Drawings, Samples and Tests. As soon as possible after execution of the contract, the Contractor shall submit to the Engineer, in quintuplicate, sufficient information including, if necessary, assembly and detail drawings to demonstrate fully that the equipment and materials to be furnished comply with the provisions and intent of these Special Provisions and Drawings. If the information thus submitted indicates the equipment or materials is acceptable, the Engineer will return one copy stamped with his or her approval; otherwise, one copy will be returned with an explanation of why the equipment or material is unsatisfactory. The Contractor shall have no claims for damages or for extension of time on account of any delay due to the revision of drawings or rejection of material. Fabrication or other work performed in advance of approval shall be done entirely at the Contractor's risk. After approval of equipment or material, the Contractor shall not deviate in any way from the design and specifications given without the written consent of the Engineer.

When requested by the Engineer, a sample or test specimens of the materials to be used or offered for use in connection with the work shall be prepared at the expense of the Contractor and furnished by him or her in such quantities and sizes as may be required for proper examination and tests, with all freight charges prepaid and with information as to their sources.

All samples shall be submitted before shipment and in ample time to permit the making of proper tests, analyses, or examination before the time at which it is desired to incorporate the material into the work. All tests of materials furnished by the Contractor shall be made by the Engineer. Samples shall be secured and tested whenever necessary to determine the quality of the material.

SECTION 9. PROSECUTION OF WORK

9-01. Equipment and Methods. The work under this contract shall be prosecuted with all materials, tools, machinery, apparatus and labor and by such methods as are necessary to the complete execution of everything described, shown, or reasonably implied. If at any time before the beginning or during the progress of the work, any part of the Contractor's plant or equipment, or any of his or her methods of execution of the work, appear to the Engineer to be unsafe, inefficient, or inadequate to insure the required quality or the rate of progress of the work, he or she may order the Contractor to increase or improve his or her facilities or methods and the Contractor shall comply promptly with such orders; but, neither compliance with such orders nor failure of the Engineer to issue such orders shall relieve the Contractor from his or her obligation to secure the degree of

safety, the quality of the work and the rate of progress required of the Contractor. The Contractor alone shall be responsible for the safety, adequacy and efficiency of his or her plant, equipment and methods.

9-02. Time of Completion. The Contractor shall promptly begin the work under this contract and shall complete and make ready for full use all portions of the project made the subject of this contract within the time set forth in the agreement bound herewith.

9-03. Avoidable Delays. Avoidable delays in the prosecution or completion of the work shall include all delays which might have been avoided by the exercise of care, prudence, foresight and diligence on the part of the Contractor. The City will consider as avoidable delays within the meaning of this contract (1) delays in the prosecution of parts of the work, which may in themselves be unavoidable, but do not necessarily prevent or delay the prosecution of other parts of the work nor the completion of the whole work within the time herein specified, (2) reasonable loss of time resulting from the necessity of submitting plans to the Engineer for approval and from the making of surveys, measurements, inspections, and testing and (3) such interruptions as may occur in the prosecution of the work on account of the reasonable interference of other contractors employed by the City which do not necessarily prevent the completion of the whole work within the time herein specified.

9-04. Unavoidable Delays. Unavoidable delays in the prosecution or completion of the work under this contract shall include all delays which may result, through cause beyond the control of the Contractor and which he or she could not have provided against by the exercise of care, prudence, foresight and diligence. Orders issued by the City changing the amount of work to be done, the quantity of material to be furnished or the manner in which the work is to be prosecuted and unforeseen delays in the completion of the work of other contractors under contract with the City will be considered unavoidable delays, so far as they necessarily interfere with the Contractor's completion of the whole of the work. Delays due to normally adverse weather conditions will not be regarded as unavoidable delays. However, truly abnormal amounts of rainfall, temperatures or other weather conditions for the location of the work and time of year may be considered as unavoidable delays if those conditions necessarily cause a delay in the completion of the work.

9-05. Notice of Delays. Whenever the Contractor foresees any delay in the prosecution of the work and, in any event, immediately upon the occurrence of any delay which the contractor regards as an unavoidable delay, he or she shall notify the Engineer in writing of the probability of the occurrence of such delay and its cause, in order that the Engineer may take immediate steps to prevent, if possible, the occurrence or continuance of the delay, or, if this cannot be done, may determine whether the delay is to be considered avoidable or unavoidable, how long it continues and to what extent the prosecution and completion of the work are to be delayed thereby.

9-06. Extension of Time. Should any delays occur which the Engineer may consider unavoidable, as herein defined, the Contractor shall, pursuant to his or her application, be allowed an extension of time proportional to said delay or delays, beyond the time herein set forth, in which to complete this contract; and liquidated damages for delay shall not be charged against the Contractor by the City during an extension of time granted because of unavoidable delay or delays.

Any claim by Contractor for a time extension based on unavoidable delays shall be based on written notice delivered to the Engineer within 15 days of the occurrence of the event giving rise to the claim. Failure to file said written notice within the time specified shall constitute a waiver of said claim. Notice of the full extent of the claim and all supporting data must be delivered to the Engineer within 45 days of the occurrence unless the Engineer specifies in writing a longer period. All claims for a time extension must be approved by the Engineer and incorporated into a written change order.

9-07. Unfavorable Weather and Other Conditions. During unfavorable weather and other conditions, the Contractor shall pursue only such portions of the work as shall not be damaged thereby. No portions of the work whose satisfactory quality or efficiency will be affected by any unfavorable conditions shall be constructed while these conditions remain, unless, by special means or precautions approved by the Engineer, the Contractor shall be able to overcome them.

The Contractor shall be granted a time extension of one day for each unfavorable weather day which prevents him or her from placing concrete forms or placing and finishing concrete or asphalt concrete. Such unfavorable weather day is defined as a rain day where precipitation prevents the contractor from performing the work more than four (4) continuous hours within the authorized work period or a temperature day where the ambient temperature is below that specified for the placement of materials associated with the controlling work item for more than four (4) continuous work hours of the authorized work period.

9-08. Saturday, Sunday, Holiday and Night Work. No work shall be done between the hours of 6 p.m. and 7 a.m., nor on Saturdays, Sundays or legal holidays except such work as is necessary for the proper care and protection of work already performed, or except in cases of absolute necessity and in any case only with the permission of the Engineer.

It is understood, however, that night work may be established as a regular procedure by the Contractor if he or she first obtains the written permission of the Engineer and that such permission may be revoked at any time by the Engineer if the Contractor fails to maintain at night adequate force and equipment for reasonable prosecution and to justify inspection of the work.

9-09. Hours of Labor. Eight (8) hours of labor shall constitute a legal day's work and the Contractor or any subcontractor shall not require or permit more than eight hours of labor in a day from any person employed by him or her in the performance of the work under this contract, unless paying compensation for all hours worked in excess of eight (8) hours per day at not less than 1½ times the basic rate of pay. The Contractor shall forfeit to the City, as a penalty, the sum of twenty-five dollars (\$25.00) for each workman employed in the execution of the contract by him or her or by any subcontractor, for each calendar day during which such laborer, workman, or mechanic is required or permitted to labor more than eight hours in violation of the provisions of Section 1810 to 1816, inclusive, (Article 3, Chapter 1, Part 7, Division 2) of the Labor Code of the State of California and any acts amendatory thereof.

SECTION 10. PAYMENT

10-01. Certification by Engineer. All payments under this contract shall be made upon the presentation of certificates in writing from the Engineer and shall show that the work covered by the payments has been done and the payments thereof are due in accordance with this contract.

10-02. Progress Estimates and Payment. The Engineer shall, within the first seven (7) days of each month, make an estimate of the value of the work performed in accordance with this contract during the previous calendar month.

The first estimate shall be of the value of the work satisfactorily completed in place and meeting the requirements of the contract. And every subsequent estimate, except the final estimate, shall be of the value of the work satisfactorily completed in place since the last preceding estimate was made; provided, however, that should the Contractor fail to adhere to the program of completion fixed in this contract, the Engineer shall deduct from the next and all subsequent estimates the full calculated accruing amount of the liquidated damages to the date of said estimate, until such time as the compliance with the program has been restored.

The estimate shall be signed by the Engineer and, after approval, the City shall pay or cause to be paid to the Contractor in the manner provided by law, an amount equal to 95 percent of the estimated value of the work satisfactorily performed and complete in place.

10-03. Substitution of Securities.

1. At such times that Pubic Contract Code Section 22300 is in effect Contractor may propose the substitution of securities of at least equal market value for any moneys to be withheld to ensure performance under the Contract. Market value shall be determined as of the day prior to the date such substitution is to take place. Such substitution shall be made at the request and expense of the Contractor. The securities shall be one or more of the following types:

- (a) Bonds or interest-bearing notes or obligations of the United States, or those for which the faith and credit of the United States are pledged for the payment of principal and interest.
- (b) Bonds or interest-bearing notes on obligations that are guaranteed as to principal and interest by a federal agency of the United States.
- (c) Bonds of the State of California, or those for which the faith and credit of the State of California are pledged for the payment of principal and interest.

(d) Bonds or warrants, including, but not limited to, revenue warrants, of any county, city, metropolitan water district, California water district, California water storage district, irrigation district in the State of California, municipal utility district, or school district of the State of California, which are rated by Moody's or Standard and Poor as A or better.

(e) Bonds, consolidated bonds, collateral trust debentures, consolidated debentures, or other obligations issued by federal land banks or federal intermediate credit banks established under the Federal Farm Loan Act, as amended; debentures and consolidated debentures issued by the Central Bank for Cooperatives and banks for cooperatives established under the Farm Credit Act of 1933, as amended; bonds, or debentures of the Federal Home Loan Bank Board established under the Federal Home Loan Bank Act; and stock, bonds, debentures and other obligations of the Federal National Mortgage Association established under the National Housing Act as amended and bonds of any Federal Home Loan Mortgage Corporation.

(f) Commercial paper of "prime" quality as defined by a nationally recognized organization which rates such securities. Eligible paper is further limited to issuing corporations: (1) organized and operating within the United States; (2) having total assets in excess of five hundred million dollars (\$500,000,000); and (3) approved by the Pooled Money Investment Board of the State of California. Purchases of eligible commercial paper may not exceed 180 days' maturity, nor represent more than 10 percent of the outstanding paper of an issuing corporation.

(g) Bills of exchange or time drafts on and accepted by a commercial bank, otherwise known as bankers acceptances, which are eligible for purchase by the Federal Reserve System.

(h) Certificates of deposits issued by a nationally or state-chartered bank or savings and loan association.

(i) The portion of bank loans and obligations guaranteed by the United States Small Business Administration or the United States Farmers Home Administration.

(j) Student loan notes insured under the Guaranteed Student Loan Program established pursuant to the Higher Education Act of 1965, as amended (20 U.S.C. 1001, et seq.) and eligible for resale to the Student Loan Marketing Association established pursuant to Section 133 of the Education Amendments of 1972, as amended (20 U.S.C. 1087-2).

(k) Obligations issued, assumed or guaranteed by International Bank for Reconstruction and Development, the Inter-American Development Bank, the Asian Development Bank, or the Government Development Bank of Puerto Rico.

(l) Bonds, debentures and notes issued by corporations organized and operating within the United States. Such securities eligible for substitution shall be within the top three ratings of a nationally recognized rating service.

2. The securities shall be deposited with City or with any commercial bank as escrow agent, who shall arrange for transfer of such securities to the Contractor upon satisfactory completion of the contract. Any interest accrued or paid on such securities shall belong to the Contractor and shall be paid upon satisfactory completion of the contract.

The market value of the securities deposited shall at all times be maintained in an amount at least equal, in the sole judgment of City, to the moneys to be withheld pursuant to the Contract Documents to ensure performance of the Contract. In order to comply with this condition, Contractor shall deposit additional securities as necessary upon request by City or the escrow agent.

3. Upon acceptance of any Proposal that includes substituting securities for amounts withheld to ensure performance, a separate escrow agreement satisfactory in form and substance to City shall be prepared and executed by City, the Contractor and the escrow agent, which may be City. The escrow agreement shall specify, among other matters, value of securities to be deposited; procedures for valuing the securities and for adding or withdrawing securities to maintain the market value of the deposited securities at least equal to the amount of moneys which would otherwise be withheld; the terms and conditions of conversion to cash in case of the default by the Contractor; and terms, conditions and procedure for termination of the escrow. City shall have no

obligation to enter any such Agreement that does not provide the City with the unilateral right to convert securities to cash and to gain immediate possession of the cash.

10-04. Acceptance. The work must be accepted by vote of the City Council of the City of Ukiah when the whole shall have been completed satisfactorily. The Contractor shall notify the Engineer, in writing, of the completion of the work, whereupon the Engineer shall promptly, by personal inspection, satisfy himself as to the actual completion of the work in accordance with the terms of the contract and shall thereupon recommend acceptance by the City Council.

10-05. Final Estimate and Payment. The Engineer shall, as soon as practicable after the final acceptance of the work done under this contract, make a final estimate of the amount of work done thereunder and the value thereof.

Such final estimate shall be signed by the Engineer, and after approval, the City shall pay or cause to be paid to the Contractor, in the manner provided by law, the entire sum so found to be due hereunder, after deducting therefrom all previous payments and such other lawful amounts as the terms of this contract prescribe.

In no case will final payment be made in less than thirty-five (35) days after the filing of the notice of completion with the County Recorder.

10-06. Delay Payments. Should any payment due the Contractor or any estimate be delayed, through fault of the City beyond the time stipulated, such delay shall not constitute a breach of contract or be the basis for a claim for damages, but the City shall pay the Contractor interest on the amount of the payment at the rate of 6 percent per annum for the period of such delay. The terms for which interest will be paid shall be reckoned, in the case of any monthly or progress payment, from the twentieth day of the month next succeeding the month in which the work was performed to the date of payment of the estimate; and in the case of the final estimate, from the forty-fifth day after acceptance to the date of payment of the final estimate.

The date of payment of any estimate shall be considered the day on which the payment is offered or mailed as evidenced by the records of the Treasurer of the City. If interest shall become due on any delayed payment, the amount thereof, as determined by the City, shall be added to a succeeding payment. If the interest shall become due on the final payment, it shall be paid on a supplementary voucher to interest or any sum or sums which, by the terms of this contract, the City is authorized to reserve or retain.

10-07. Extra Work and Work Omitted. Whenever corrections, alterations, or modifications of the work under this contract ordered by the Engineer and approved by the City increase the amount of work to be done, such added work shall be known as "extra work"; and when such corrections, alterations, or modifications decrease the amount of work to be done, such subtracted work shall be known as "work omitted".

When the Contractor considers that any changes ordered involve extra work, he or she shall immediately notify the Engineer in writing and subsequently keep him or her informed as to when and where extra work is to be performed and shall make claim for compensation therefor each month not later than the first day of the month following that in which the work claimed to be extra work was performed and he or she shall submit a daily complete statement of materials and labor used and expenses incurred on account of extra work performed, showing allocation of all materials, labor and expenses.

All such claims shall state the date of the Engineer's written order and the date of approval by the City authorizing the work on account of which claim is made. Unless such notification is made in writing within the time specified and unless complete statements of materials used and expenses incurred on account of such extra work are furnished as above required, the Contractor shall not be entitled to payment on account of extra work and Contractor shall be deemed to have waived the right to make any future claims for compensation for such extra work.

When changes decrease the amount of work to be done, they shall not constitute a claim for damages on account of anticipated profits on the work that may be omitted.

10-08. Compensation for Extra Work or Work Omitted. Whenever corrections, additions, or modifications in the work under this contract change the amount of work to be done or the amount of compensation due the Contractor, excepting increases or decreases in contract items having unit contract prices for each measurable quantity installed in place, and such changes have been ordered in writing by the Engineer and approved by the

City prior to the Contractor performing the extra work, then a price may be agreed upon. Failing such an agreement in price, the Contractor shall be compensated for performing extra work pursuant to the provisions of Section 4-1.03 D, "Extra Work", and Section 9-1.03, "Force Account Payment" of the Standard Specifications.

This method of determining the price of work shall not apply to the performance of any work which is required or reasonably implied to be performed or furnished under this contract.

10-09. Compensation to the City for Extension of Time. In case the work called for under this contract is not completed within the time limit stipulated herein, the City shall have the right as provided hereinabove, to extend the time of completion thereof. If the time limit be so extended, the City shall have the right to charge to the Contractor and to deduct from the final payment for the work the actual cost to the City of engineering, inspection, superintendence and other overhead expenses which are directly chargeable to the contract and which accrue during the period of such extension, except that the cost of final unavoidable delays shall not be included in such charges.

10-10. Liquidated Damages for Delay. It is agreed by the parties to the contract that time is of the essence and that, in case all the work is not completed before or upon the expiration of the time limit as set forth, damage, other than those cost items identified in section 10-09, will be sustained by the City and that it is and will be impracticable to determine the actual amount of damage by reason of such delay; and it is therefore agreed that the Contractor will pay to the City the sum of five hundred dollars (\$500.00) per day for each and every calendar day's delay beyond the time prescribed.

SECTION 11. MISCELLANEOUS

11-01. Notice. Whenever any provision of the contract documents requires the giving of written notice, it shall be deemed to have been validly given if delivered in person to the individual or to a member of the firm or to an officer of the corporation for whom it is intended, or if delivered at or sent by registered or certified mail, postage prepaid, to the last business address known to the giver of the notice. If mailed, the notice shall be deemed received on the date of delivery stated in the return receipt.

11-02. Computation of Time. When any period of time is referred to in the Contract Documents by days, it shall be computed to exclude the first and include the last day of such period. If the last day of any such period falls on a Saturday or Sunday or on a day made a legal holiday by the law of the applicable jurisdiction, such day shall be omitted from the computation.

11-03. Claims Procedure Required by Public Contract Code Section 9204. This section shall apply to any claim by the Contractor arising in connection with this project in accordance with Public Contract Code Section 9204.

a. For purposes of this section "Claim" means a separate demand by the Contractor sent by registered mail or certified mail with return receipt requested, for one or more of the following:

(A) A time extension, including, without limitation, for relief from damages or penalties for delay assessed by the City under this contract.

(B) Payment by the City of money or damages arising from work done by, or on behalf of, the Contractor pursuant to this contract and payment for which is not otherwise expressly provided or to which the Contractor is not otherwise entitled.

(C) Payment of an amount that is disputed by the City.

b.

(A) Upon receipt of a claim pursuant to this section, the City shall conduct a reasonable review of the claim and, within a period not to exceed 45 days, shall provide the Contractor a written statement identifying what portion of the claim is disputed and what portion is undisputed. Upon receipt of a claim, a public entity and the contractor may, by mutual agreement, extend the time period provided in this subdivision.

(B) The Contractor shall furnish reasonable documentation to support the claim.

(C) If the City needs approval from its governing body to provide the Contractor a written statement identifying the disputed portion and the undisputed portion of the claim, and the governing body does not meet within the 45 days or within the mutually agreed to extension of time following receipt of a claim sent by registered mail or certified mail, return receipt requested, the City shall have up to three days following the next duly publicly noticed meeting of the governing body after the 45-day period, or extension, expires to provide the claimant a written statement identifying the disputed portion and the undisputed portion.

(D) Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the City issues its written statement. If the City fails to issue a written statement, paragraph (3) shall apply.

(2)

(A) If the Contractor disputes the City's written response, or if the City fails to respond to a claim issued pursuant to this section within the time prescribed, the Contractor may demand in writing an informal conference to meet and confer for settlement of the issues in dispute. Upon receipt of a demand in writing sent by registered mail or certified mail, return receipt requested, the City shall schedule a meet and confer conference within 30 days for settlement of the dispute.

(B) Within 10 business days following the conclusion of the meet and confer conference, if the claim or any portion of the claim remains in dispute, the City shall provide the claimant a written statement identifying the portion of the claim that remains in dispute and the portion that is undisputed. Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the public entity issues its written statement. Any disputed portion of the claim, as identified by the contractor in writing, shall be submitted to nonbinding mediation, with the City and the Contractor sharing the associated costs equally. The City and Contractor shall mutually agree to a mediator within 10 business days after the disputed portion of the claim has been identified in writing. If the parties cannot agree upon a mediator, each party shall select a mediator and those mediators shall select a qualified neutral third party to mediate with regard to the disputed portion of the claim. Each party shall bear the fees and costs charged by its respective mediator in connection with the selection of the neutral mediator. If mediation is unsuccessful, the parts of the claim remaining in dispute shall be subject to applicable procedures outside this section.

(C) For purposes of this section, mediation includes any nonbinding process, including, but not limited to, neutral evaluation or a dispute review board, in which an independent third party or board assists the parties in dispute resolution through negotiation or by issuance of an evaluation. Any mediation utilized shall conform to the timeframes in this section.

(D) Unless otherwise agreed to in writing by the City and the Contractor, the mediation conducted pursuant to this section shall excuse any further obligation under Public Contract Code Section 20104.4 to mediate after litigation has been commenced.

(3) Failure by the City to respond to a claim from the Contractor within the time periods described in this subdivision or to otherwise meet the time requirements of this section shall result in the claim being deemed rejected in its entirety. A claim that is denied by reason of the public entity's failure to have responded to a claim, or its failure to otherwise meet the time requirements of this section, shall not constitute an adverse finding with regard to the merits of the claim or the responsibility or qualifications of the Contractor.

(4) Amounts not paid in a timely manner as required by this section shall bear interest at 7 percent per annum.

(5) If a subcontractor or a lower tier subcontractor lacks legal standing to assert a claim against a public entity because privity of contract does not exist, the Contractor may present to the public entity a claim on behalf of a subcontractor or lower tier subcontractor. A subcontractor may request in writing, either on his or her own behalf or on behalf of a lower tier subcontractor, that the Contractor present a claim for work which was performed by the subcontractor or by a lower tier subcontractor on behalf of the subcontractor. The subcontractor requesting that the claim be presented to the public entity shall furnish reasonable documentation to support the claim. Within 45 days of receipt of this written request, the Contractor shall notify the subcontractor in writing as to whether the Contractor presented the claim to the public entity and, if the original contractor did not present the claim, provide the subcontractor with a statement of the reasons for not having done so.

c. A waiver of the rights granted by this section is void and contrary to public policy, provided, however, that (1) upon receipt of a claim, the parties may mutually agree to waive, in writing, mediation and proceed directly to the commencement of a civil action or binding arbitration, as applicable; and (2) the City may prescribe reasonable change order, claim, and dispute resolution procedures and requirements in addition to the provisions of this section, so long as the contractual provisions do not conflict with or otherwise impair the timeframes and procedures set forth in this section.

11-04. Litigation and Forum Selection. Contractor and City stipulate and agree that any litigation relating to the enforcement or interpretation of this contract, arising out of Contractor's performance or relating in any way to the work shall be brought in Mendocino County and that venue will lie in Mendocino County.

Except as otherwise expressly provided by law, the parties waive any objections they might otherwise have to the propriety of jurisdiction or venue in the state courts in Mendocino County and agree that California law shall govern any such litigation.

The duties and obligations imposed by these General Conditions and the rights and remedies available hereunder to the parties hereto and, in particular but without limitation, the warranties, guaranties and obligations imposed upon the Contractor and all of the rights and remedies available to the City thereunder, shall be in addition to and shall not be construed in any way as a limitation of, any rights and remedies available to any or all of them which are otherwise imposed or available by law or contract, by special warranty or guaranty, or by other provisions of the contract documents and the provisions of this paragraph shall be as effective as if repeated specifically in the contract documents in connection with each particular duty, obligation, right and remedy to which they apply. All warranties and guaranties made in the contract document shall survive final payment and termination or completion of this contract. The City disclaims an express or implied warranty that the plans and specifications identify all site conditions that could affect the time or cost to complete the Work.

11-05. Waiver. The Contractor shall strictly comply with all notices and other contract requirements. Waiver by the City of any failure of the Contractor to comply with any term of the contract, including the notice provisions, shall not be deemed a waiver of a subsequent breach.

TECHNICAL SPECIFICATIONS

SECTION 12. GENERAL INFORMATION

12-01. Arrangement of Technical Specifications. The Technical Specifications are arranged in sections covering the various phases of work as follows:

Section No.	Title
12	General Information
13	Construction Details
14	Exclusions from General Conditions
15	Amendments to General Conditions

12-02. Arrangement of Plans. The Plans consist of twenty-one (21) sheets and they are hereby made a part of the Contract Documents.

12-03. Business Licenses. The Contractor and any subcontractors shall each secure and maintain a valid City of Ukiah Business License prior to the start of any portion of the work.

12-04. Permits. The Contractor shall obtain and pay for all permits required to complete this work except the required encroachment permit. The Contractor shall obtain an encroachment permit from the Public Works Department at no cost prior to the start of the Work. The encroachment permit will not be issued until the Contract Agreement and bonds have been executed, submitted, and accepted by the City and all insurance endorsements have been submitted to and accepted by the City's Risk Manager.

12-05. Standard Specifications and Standard Plans. The Standard Specifications and Standard Plans of the California State Department of Transportation, 2010, are hereby made a part of these Technical Specifications, and are hereinafter referred to as "Standard Specifications" and "Standard Plans."

Whenever the following terms are used in the Standard Specifications and the Standard Plans, they shall be understood to mean and refer to the following:

Department or Department of Transportation - The City Council.

Director of Public Works - The City of Ukiah Director of Public Works/City Engineer.

Engineer - The Engineer, designated by the Director of Public Works, acting either directly or through properly authorized agents, such agents acting within the scope of the particular duties entrusted to them.

Laboratory - The designated laboratory authorized by the City of Ukiah to test materials and work involved in the contract.

State - The City of Ukiah

Other terms appearing in the California Standard Specifications and the California Standard Plans shall have the intent and meaning specified in Section I, Definition of Terms of the California Standard Specifications.

In case of discrepancy between the contract documents, the order of precedence from the highest to lowest is as follows:

1. (City) Special Provisions (Technical Specifications)
2. (City) Project Plans
3. City Standard Plans and Details
4. California Standard Plans
5. California Standard Specifications

12-06. Temporary Facilities. All temporary facilities are the responsibility of the Contractor and the removal of said facilities shall be the responsibility of the Contractor. The Contractor shall be responsible for any and all damages to existing facilities which are a result of the installation and removal of the Contractor's temporary facilities.

12-07. Public Convenience and Safety. The Contractor shall conduct operations so as to cause the least possible obstruction and inconvenience to public traffic. The Contractor shall, at his or her expense, furnish such flag persons and furnish, erect, construct and maintain such fences, barriers, lights, signs, detours, pedestrian walkways, driveway ramps and bridging as may be necessary to give adequate warning to the public that work is in progress and that dangerous conditions exist, to provide access to abutting properties and to permit the flow of pedestrian and vehicular traffic to safely and expeditiously pass through the work.

The Contractor shall post notice(s) at the job sites a minimum of 72 hours in advance of working at the site, indicating the date and times that street parking will be prohibited. This notice shall be placed in obvious locations and be spaced no further than 250 feet apart along the length of the project site and on each side of the affected street. The Contractor shall also provide and place door hangers at all houses adjacent to working area. The door hanger notification shall be in writing and it shall be submitted to the Engineer for approval a

minimum of 5 working days prior to the proposed public notification. Full cost for "Public Convenience and Safety" shall be considered as included in the various items of work and no additional compensation will be made.

12-08. Maintaining Traffic. Attention is directed to Section 7-1.08, "Public Convenience," 7-1.09, "Public Safety," 7-1.092, "Lane Closure," and 7-1.095, "Flagging Costs," of the California Standard Specifications. Streets shall be open to through vehicular traffic during non-working hours. All public traffic shall be permitted to pass through the work with as little inconvenience and delay as possible. Full costs for "Maintaining Traffic", including "Flagging Costs", shall be considered as included in the various items of work and no additional compensation will be made. Street Closures shall conform to the provisions in the section of these Special Provisions entitled "Traffic Control System for Street Closure."

When leaving a work area and entering a roadway carrying public traffic, the Contractor's equipment, whether empty or loaded, shall in all cases yield to public traffic.

The full width of the traveled way shall be opened for use by public traffic on Saturdays, Sundays, and designated City holidays, after 3:00 p.m. Fridays and the day preceding designated City holidays, and when construction operations are not actively in progress.

Designated City holidays are: January 1st, the third Monday in January, the third Monday in February, the last Monday in May, July 4th, the first Monday in September, the second Monday in October, the second Monday in November, Thanksgiving Day, the day following Thanksgiving Day, December 24th, December 25th, December 30th, December 31st. When a designated City holiday falls on a Sunday, the following Monday shall be a designated City holiday. When a designated City holiday falls on a Saturday, the preceding Friday shall be a designated City holiday.

Minor deviations from the requirements of this section concerning hours of work which do not significantly change the cost of the work may be permitted upon the written request of the Contractor if in the opinion of the Engineer public traffic will be better served and the work expedited. Such deviations shall not be adopted until the Engineer has indicated his written approval. All other modifications will be made by contract change order. The fences, temporary railing (Type K), barricades, lights, signs, and other devices furnished and installed by the Contractor, at his expense, to conform to the provisions in said Section 7-1.09, and in addition to any construction area traffic control devices for which payment is provided for elsewhere in the specifications.

At the end of each working day if a difference in excess of 2 inches exists between the elevation of the existing pavement between lines, the contractor shall furnish and place portable delineators along said drop-off. "Do Not Pass" signs shall also be placed at 500 feet intervals when delineators are required. Full compensation for furnishing and placing delineators and signs shall be considered as included in the various items of work and no additional compensation will be allowed.

The fences, temporary railing (Type K), barricades, lights, signs, and other devices furnished and installed by the Contractor, at his expense, to conform to the provisions in said Section 7-1.09, and in addition to any construction area traffic control devices for which payment is provided for elsewhere in the specifications.

Payment. Full costs for "Maintaining Traffic", including "Flagging Costs" shall be considered as part of the lump sum payment for Traffic Control System and no additional compensation will be made.

12-09. Traffic Control System for Street Closure. A traffic control system shall consist of closing streets in accordance with the Caltrans Manual of Traffic Controls for Construction and Maintenance Work Zones, the provisions of Section 12, "Construction Area Traffic Control Devices," of the Standard Specifications, and provisions under "Maintaining Traffic" elsewhere in these Special Provisions.

The provisions in this section will not relieve the Contractor of their responsibilities that may be necessary to comply with the provisions in Section 12-08, "Public Safety", of the Standard Specifications.

The base material of construction area signs may be plywood in City Right-of-Way, but shall not be plywood in the State Right-of Way.

The contractor shall develop and submit to the Engineer for approval a Traffic Control Plan a minimum of one week before beginning construction. The Traffic Control Plan shall show the planned method of traffic control during construction.

The following information shall be included in the Traffic Control Plan:

- Sequencing of construction
- Street layout, with street names and direction of flow
- Location and types of construction area signs (including pedestrian notification)
- Locations of barriers or other traffic control devices
- Location of flaggers
- A contingency plan for how to handle emergency vehicles

The Contractor shall not begin construction at the site until the Traffic Control Plan is reviewed and approved by the Engineer. The City reserves the right to delay the contractor's operations until such time that a Traffic Control Plan has been reviewed and approved by the Engineer.

If any component in the traffic control system is damaged, displaced, or ceases to operate or function as specified, from any cause, during the progress of the work, the Contractor shall immediately repair said component to its original condition or replace said component and shall restore the component to its original location.

When street closures are made for work periods only, at the end of each work period, all components of the traffic control system shall be removed from the traveled way and shoulder. If the contractor so elects, said components may be stored at select central locations, approved by the Engineer, within the limits of the street right-of-way.

Payment. The contract lump sum price paid for traffic control shall include full compensation for furnishing a Traffic Control Plan, furnishing all labor, materials (including signs), tools, equipment, and incidentals and for doing all the work involved in placing, removing, storing, maintaining and moving to new locations, replacing, and disposing of the components of the traffic control system as shown on the plans, as specified in the Standard Specifications and these Special Provisions, and as directed by the Engineer.

12-10. Stream Pollution. The Contractor shall exercise precaution to limit the muddying or silting of live streams and drainage channels to the maximum extent practicable, and the Contractor's attention is called to the fact that the terms of this contract do not relieve him or her of responsibility for compliance with Sections 5650 and 12015 of the Fish and Game Code or other applicable statutes relating to pollution prevention or abatement.

The Contractor's attention is also directed to Section 7-1.01G, "Water Pollution," of the Standard Specifications and to Section 13, "Water Pollution Control", of the Construction Details Section concerning the requirement for submittal to the Engineer for approval a written program for the control of pollution to adjacent drainage courses during the construction of the project. Said written program shall include the erosion control provisions required by Section 13, "Temporary Erosion Control", of these Construction Details."

12-11. Warranties. Unless otherwise indicated, the Contractor shall warrant all materials provided and work performed under this contract for a period of one year from the date of final acceptance. The Contractor shall replace promptly and at his own expense any materials and/or workmanship that are faulty or defective during this warranty period.

12-12. Utilities. The owner will not arrange water, sewer or electrical services for construction. It is the Contractor's sole responsibility to arrange such services as necessary with the applicable utility provider(s).

12-13. Dust Control. Dust control shall conform to the provisions of Section 10 of the Standard Specifications. Full compensation for dust control shall be considered as included in the prices paid for the various contract items and no additional compensation will be made therefore. This includes the application of water for the purpose of controlling dust caused by public traffic within the project area. The Contractor may at his option use dust palliative in accordance with the provisions of Section 18, "Dust Palliative" of the Standard Specifications except that the full compensation for applying dust palliative shall be considered as included in the prices paid for the various contract items of work and no additional compensation will be made therefore.

All active construction areas shall be watered at least twice daily and more often during hot or windy periods. The active areas adjacent to the apartment complexes shall be kept damp at all times. Hauling trucks shall be covered or at least a two-foot freeboard shall be maintained.

Unpaved access roads, parking areas for construction equipment and construction employee vehicles, staging areas, and storage areas shall be paved or shall receive the application of either water twice daily or non-toxic soil stabilizers. All paved access roads, parking areas, staging areas, storage areas, and public roads impacted by the work of the project shall be swept daily with street sweepers equipped with water spray to remove soil materials that have been deposited on these surfaces by reason of the work.

The Contractor shall enclose, cover, or water twice daily or apply non-toxic soil stabilizers or install erosion control blankets to or on exposed stockpiles, embankment slopes, and cut slopes. Traffic speeds on unpaved surfaces shall be limited to a maximum speed of 15 mph

12-14. Noise Control. The Contractor's attention is directed to the provisions of section 7.1.011, "Sound Control Requirements", of the Standard Specifications and Section 9.08, Saturday, Sunday, Holiday, and Night Work, of these General Conditions concerning the control of noise emissions and authorized work hours and days. Between 7:00 a.m. and 7:00 p.m., noise from Contractor's operations shall not exceed limits established by applicable laws or regulations and in no event shall exceed 86 dB at a distance of 50 feet from the noise source.

The City shall provide a Noise Disturbance Coordinator who shall be responsible for acting on any local complaints concerning the construction noise being generated by reason of the work of the project. The Contractor shall conspicuously post a telephone number for the Noise Disturbance Coordinator at the construction site and he shall include it in the construction schedule notice to be provided to the residents. The Noise Disturbance Coordinator shall investigate the noise complaint allegations and shall require the Contractor to implement reasonable measures to mitigate the noise level in accordance with the requirements of these General Conditions and of the Standard Specifications.

The Contractor shall locate all stationary noise generating construction equipment such as air compressors and generators as far as practical from the nearby residences and other noise sensitive land uses. The noise source shall be acoustically shielded when practical. The Contractor shall prohibit unnecessary idling of internal combustion engines.

12-15. Watering. The application of water and the developing of a water supply shall be performed in accordance with the provisions of Section 17, "Watering," of the Standard Specifications except as modified by these Special Provisions. Full compensation for applying water where called for or as directed by the Engineer and for developing the water supply shall be considered as included in the prices paid for the various contract items and no additional compensation will be made therefore. The Contractor is advised that water may be obtained from fire hydrants within the project area under permit with the City's Public Works Department and upon the payment of a meter deposit. Permit application and inquiry as to the water usage fees are to be made at the City of Ukiah, 300 Seminary Avenue, phone (707) 463-6228.

12-16. Preconstruction Conference. A preconstruction conference will be held before any work will be allowed to commence. This meeting will cover inspection, work schedule, and among other items, the responsibilities and procedures of each of the interested parties to assure that the project will be completed in accordance with the contract documents.

12-17. Progress Schedule. Progress schedules will be required for this contract and shall conform to the provisions in Section 8-1.04, "Progress Schedule," of the Standard Specifications.

12-18. Safety Requirements. The Contractor shall comply with all pertinent provisions of the Department of Labor "Safety and Health Regulations for Construction (29 FCS Part 1518, 36 CFR 7340)", with additions or modifications thereto, in effect during construction of this project.

SECTION 13 - CONSTRUCTION DETAILS

13-01. Location and Scope of Work.

All of the work to be performed is within the City of Ukiah.

South Dora St. from Beacon Ln. to Washington Ave.:

The work involves complete surface grinding down 2" and placing 2" AC overlay over existing asphalt concrete pavement. ADA curb ramps will be installed at locations shown and listed below.

South State St. from Beacon Ln. to Cherry Street:

The work involves edge grinding down 2" and placing 2" AC overlay over existing asphalt concrete pavement. ADA curb ramps will be installed at locations shown and listed below.

Curb ramp construction locations are at the following locations:

1	S. DORA ST. AT BEACON LN.	NE
2	S. DORA ST. AT BEACON LN.	NW
3	S. DORA ST. AT WASHINGTON AVE.	SW
4	S. DORA ST. AT DOOLAN DR.	NW
5	S. DORA ST. AT DOOLAN DR.	SW
6	S. DORA ST. AT WABASH AVE.	NW
7	S. DORA ST. AT WABASH AVE.	SW
8	S. DORA ST. AT WABASH AVE.	SE
9	S. DORA ST. AT WABASH AVE.	NE
10	S. STATE ST. AT BEACON LN.	NW
11	S. STATE ST. AT WABASH AVE.	SW
12	S. STATE ST. AT WABASH AVE.	NW
13	S. STATE ST. AT LEWIS LN.	NE
14	S. STATE ST. AT LEWIS LN.	SE
15	S. STATE ST. AT TALMAGE RD.	SW
16	S. STATE ST. AT TALMAGE RD.	NW
17	S. STATE ST. AT TALMAGE RD.	SE
18	S. STATE ST. AT TALMAGE RD.	NE
19	S. STATE ST. AT THOMAS ST.	NE
20	S. STATE ST. AT CHERRY ST.	NE
21	S. STATE ST. AT CHERRY ST.	SE

The Contractor should familiarize himself with the local conditions of the project site. Failure to do so will in no way relieve him of the responsibility for performing any of the work or operations required as a part of this contract. Further information regarding the work or these specifications can be obtained from Mary Horger at (707) 463-6233.

13-02. Preservation of Property. The contractor shall conform to the provisions of Section 7-1.11, "Preservation of Property" of the Standard Specifications and to these Special Provisions. All costs to the Contractor for protecting, removing, modifying, relocating and restoring existing improvements shall be considered as included in the contract prices paid for the various items of work and no additional allowances will be made therefore.

Payment Full compensation for complying with this section of the Special Provisions shall be considered as included in the prices paid for the various contract items of work, and no additional compensation will be allowed therefore.

13-03. Watering. Developing water supply and applying shall conform to the provisions in Section 17 of the Standard Specifications and these Special Provisions. Water shall not be obtained from any of the nearby property owners without their written permission.

Payment. Full compensation for developing and applying water conforming to the above requirements shall be considered as included in the prices paid for the various contract items of work requiring water, and no additional compensation will be allowed therefore.

13-04. Protection/Replacement of Valve Boxes; Manhole Frames and Covers. Existing valve boxes and storm drain and sanitary sewer manhole frames and covers within the limits of work that will involve asphalt concrete overlays shall be either removed and stored prior to the asphalt concrete overlay work or be protected in place at the option of the Contractor. If the items are removed and stored, the Contractor shall place traffic rated covers over the resulting cavity to protect the remaining valve and manhole and the general public prior to and after the paving operations and until the valve boxes or manhole frames and covers are re-installed where they were originally located. Valve boxes that have been removed and stored shall be reset and adjusted to the new pavement grades pursuant to the requirements shown on the City Standard Drawing 307. Should any box be damaged, stolen, or lost during the removal and storage period or should the Contractor fail to properly protect the boxes in place, they shall be replaced in like manner at the Contractor's expense. Valve boxes protected in place shall be adjusted to the new pavement grades, if necessary. Sanitary sewer and storm drain manhole frames and covers that have been removed and stored shall be reset and adjusted to the new pavement grades pursuant to the requirements of City Standard Drawing 201 and Section 15-2.05A, "Frames, Covers, Grates, and Manholes", of the Standard Specifications as modified by these Special Provisions. Should any frame and /or cover be damaged, stolen, or lost during the removal and storage period or should the Contractor fail to properly protect the frame and/or cover in place, they shall be replaced in like manner at the Contractor's expense. Manhole frames and covers that have been protected in place shall be adjusted to the new pavement grades, if necessary.

Measurement. Each valve box and lid and each manhole frame and cover that are either protected in place and adjusted or removed, stored, replaced, and adjusted to grade shall be counted as one complete unit.

Payment. The contract price paid for each valve box and for each manhole frame and cover that are either protected in place and adjusted to grade or removed, stored, replaced, and adjusted to grade shall be full compensation for providing all labor, materials, equipment, tools, and incidentals necessary to perform either protection in place and adjustment to grade or removal, storage, replacement, and adjustment to grade including, but not limited to, referencing, pavement removal and replacement adjacent to the item, traffic control, barricades, temporary traffic lids, disposal of excess materials, and cleanup and no additional compensation will be made therefore.

13-05. Grinding. The surface of the existing roadway structural section shall be removed by grinding to the depths and at the locations indicated on the Plans and as directed by the Engineer. Removal of the existing structural section adjacent to existing utility boxes (Section 13-05) and those areas adjacent to valley gutters may require handwork. Any required handwork will be considered grinding. Disposal of the material removed shall be in accordance with Section 13-02 "Existing Highway Facilities" of these Special Provisions.

After the grinding is completed, the existing surface is to be swept of loose material. The exposed surface, if other than asphalt concrete, shall be graded and compacted in accordance with Section 26 of the Standard Specifications except as provided herein prior to paving.

Measurement. Grinding shall be measured by the calculated in place cubic yards removed based on the pavement surface area and the depth of pavement removal. Edge Grinding in excess of the depth as shown on the plans or as directed by the Engineer will not be paid for.

Payment. The contract price paid per cubic yard for Grinding shall include full compensation for furnishing all labor, materials, tools and equipment, and doing all work necessary, including modifying the depth of grinding as specified above, any required handwork, sweeping and the disposal of the materials to complete this item as specified, and no additional compensation will be allowed therefore.

13-06. Hot Mix Asphalt.

13-06.1 General. HMA shall contain high tensile strength aramid fiber reinforcement. HMA shall be provided in accordance with the Standard HMA construction process and conform to Section 39 of the Standard Specifications and as detailed in this specification.

Fiber reinforced HMA is mixture of hot mix asphalt and a high tensile strength aramid fiber blend that has greater resistance to rutting, thermal cracking, fatigue cracking, and reflective cracking as compared to conventional non-fiber asphalt mixes.

13-06.2 Quality Control Plan. Contractor shall establish, implement and maintain a Quality Control Plan (QCP) to ensure materials and work comply with the specifications and the corrective actions required to control the quality of

work. The QCP shall comply with these specifications and Section 39-2.02 "Contractor Quality Control" of the Standard Specifications.

Contractor shall attend a pre-paving conference with the Engineer to discuss methods of performing the production and paving work and how quality control will be performed throughout.

Qualifications of workers: Provide sufficient skilled workers and supervisors who shall be present at all times during execution of this portion of the Work and who shall be thoroughly familiar with the type of construction involved and the materials and techniques specified.

Codes, standards and definitions:

1. Wherever a test method is referenced in this section, it shall be made in accordance with the most current test method in use by Caltrans in the State Standard Specifications, unless otherwise noted in this section.
2. ASTM D2172, Standard Test Methods for Quantitative Extraction of Bitumen from Bituminous Paving Mixtures
3. ASTM D6931, Standard Test Method for Indirect Tensile (IDT) Strength of Bituminous Mixtures.
4. AASHTO T322, Determining the Creep Compliance and Strength of Hot-Mix Asphalt (HMA) Using the Indirect Tensile Test Device.
5. Zeiada, W., Underwood, S., Stempihar, J., "Extraction of Aramid Fibers from Fiber Reinforced Asphalt Concrete – Special Test Method", Arizona State University, May 11, 2016.
6. Aramid Dispersion State Ratio (ADSR): The mass of aramid in the individual state compared to the total mass of extracted aramid fibers, expressed as a percentage.

13-06.3 Submittals. The Contractor shall provide the Engineer with the following information a minimum of 10 days prior to commencing the Work:

1. Hot mix asphalt job mix formula (JMF) in accordance with Caltrans Standard Specifications.
 - a. Proposed JMF on Form CEM-3511: Include percentage of reclaimed asphalt pavement (RAP)
 - b. Representative reinforcing fiber product sample.
 - c. Reinforcing fiber product data sheet and certification from the Manufacturer that the fiber product supplied meets the requirements of this specification.
 - d. Reinforcing fiber manufacturer's instructions and general recommendations.
 - e. Past performance test results of IDT testing from a minimum of three separate laboratory trials.
 - f. Past performance test results of ADSR testing from a minimum of two tests.
 - g. Submit a minimum of five project examples and references where the reinforcing fiber product was used for roadways in the State of California.
 - h. Mix design documentation, data and aggregate quality on Form CEM-3512 dated within 12 months of submittal.
 - i. JMF verification on Form CEM-3513, if applicable
 - j. JMF renewal on Form CEM-3514, if applicable
 - k. Materials Safety Data Sheets (MSDS) for:
 - Asphalt binder
 - Supplemental fine aggregate except fines from dust collectors
 - Antistrip additives
2. Written confirmation from the supplier that the JMF to be supplied meets all specified requirements.

Performance testing for reinforcing fiber product must be from laboratory trials at a fiber dosage rate equal to the rate proposed for the project. Tests must be performed by an AASHTO accredited laboratory or nationally recognized university testing lab and must be reviewed and approved by the project engineer.

Indirect Tensile (IDT) Strength Tests from a minimum of three (3) separate laboratory trials.

1. Perform indirect tensile tests using the protocol from AASHTO T322 or ASTM D6931
2. Tests results shall include a control and a fiber reinforced mix. FRAC mix shall be identical to control mix except for the inclusion of fibers added at the same dosage as proposed on the project.
3. Indirect tensile test results from fiber specimens shall show an average tensile strength increase of 20 percent over control specimen with no less than 15 percent increase of average tensile strength.

Aramid Dispersion State Ratio (ADSR) Tests from a minimum of two (2) separate laboratory trials.

1. Perform ADSR test based on modified ASTM D2172 procedures as provided in the document entitled "Extraction of Aramid Fibers from Fiber Reinforced Asphalt Concrete – Special Test Method". A copy of the modified extraction methodology can be obtained by making an inquiry to the Pavement and Materials Laboratory at Arizona State University at NCE@asu.edu.
2. To validate ADSR results, average extracted aramid fiber quantity must equal 0.007 percent by total sample weight with no individual result less than 0.005 percent of the total sample weight.
3. All tested fiber mixes must achieve a minimum ADSR of 85%.

Tack Coat: Contractor shall submit asphalt binder tack coat and asphaltic emulsion tack coat.

The Contractor shall develop and submit a Quality Control Plan for the project. This shall, at a minimum, cover the areas or subjects contained in Section 39-2 of the Standard Specifications. The Contractor shall not begin hot mix asphalt production or placement without written approval from the Engineer of the QCP and an approved JMF. Approval of the QCP and JMF by the Engineer does not relieve the contractor of responsibility for quality control or work methods.

13-06.4 Engineer's Acceptance. Quality control sampling and acceptance testing will be performed by the City. The City reserves the right to perform acceptance testing at frequencies that differ from those specified in the Standard Specifications.

A minimum of one sample for Rice Specific Gravity may be taken by each day at the plant during placement of HMA. The Rice Specific Gravity test will be in accordance with ASTM D 2041. Any changes to the JMF requested by the Engineer shall be implemented by the Contractor or a new JMF resubmitted for approval prior to continuing work.

In place density tests per CT 375 Nuclear Gage field test may be performed during HMA operations to verify compaction requirements per Standard Specifications. The frequency of testing may be in accordance with CT 375.

Should any test specified in Paragraph 13-15.4 of this Section fail to meet density requirements, the City may take density core samples to verify density results and pavement thickness. Contractor shall be responsible for patching the cores with hot mix asphalt at no additional expense to the City.

13-06.5 Products. Tack Coat shall be Grade PG 64-16, conforming to the provisions of Sections 39 and 92 of the Standard Specifications and shall be used between layers of each lift of HMA, and on curbs, gutters and construction joints.

Asphalt binder and tack coat shall be Grade PG 64-16, conforming to the provisions of Sections 39 and 92 of the Standard Specifications.

Aggregate shall be clean and free from deleterious substances and shall meet the gradation and quality for 3/4-inch HMA Type A for initial course and 1/2-inch HMA Type A for the final course.

Hot Mix Asphalt shall be 3/4-inch HMA Type A for the first course and 1/2-inch HMA Type A for the final course and conform to Section 39 of the Standard Specifications.

Provide a reinforcing fiber blend of virgin polyolefins and virgin aramids that meets the requirements in the tables below.

Reinforcing Fiber Material Properties			
Property	Test Method	Polyolefin	Aramid
Form	Manufacturer Certification	Serrated	Monofilament
Nominal Specific Gravity	ASTM D276	0.91	1.44
Tensile Strength (psi)	ASTM D7269	NA ¹	400,000

Length (in)	Manufacturer Certification	0.75	0.75
-------------	----------------------------	------	------

1. Polyolefin fibers will melt or become plastically deformed during production

Reinforcing Fiber Performance Properties		
Performance Test	Test Method	Requirement
Indirect Tensile Strength (IDT)	AASHTO T322 or ASTM D6931	≥ 20% increase
Aramid Dispersion State Ratio (ADSR)	Modified ASTM D2172	≥ 85%

Reinforcing fiber blend shall be Forta-Fi®, provided by the Forta Corporation, or approved equivalent. If a different aramid-based fiber blend is proposed, performance test results complying with the requirements of Section 13-15.3 must be submitted at least two weeks prior to bid date for approval by engineer.

HMA batch plant shall be Department-qualified under the Department's Materials Plant Quality Program of the Standard Specifications.

Reclaimed asphalt pavement shall be acceptable in accordance with the Standard Specifications not exceeding 15.0 percent of the aggregate blend.

13-06.6 Construction. During the entire construction period, the Contractor shall take care to protect existing pavement and concrete surfaces. Surfaces scarred by cleanup or equipment shall be repaired in a manner satisfactory to the Engineer. Any and all damage caused by the Contractor's operations to existing roads and streets shall be repaired by the Contractor to at least the original condition and to the satisfaction of the Engineer, at no additional cost to the City.

13-06.6.1 Preparation. If pavement is damaged (excessive loading, grouser marking, scarring/scraping of pavement, etc.) outside the limits of the work, a full lane width grinding and overlay will be required as directed by the Engineer at no additional compensation to the Contractor.

Ensure the area is clean and dry. All material accumulations which would interfere with the adhesion of the tack coat or with the placing and performance of the HMA shall be removed, including dust, loose aggregate, soil, leaves, and pieces or lumps of other foreign material deposited on the surface.

13-06.6.2 Tack Coat. A tack coat shall be applied to existing pavement including planed surfaces, between HMA layers, and to vertical surfaces of curbs, gutters and construction joints at the minimum residual rates specified in Section 39-1.09C "Tack Coat" of the Standard Specifications.

Before placing HMA, a tack coat shall be furnished and applied uniformly to contact surfaces of all cold pavement joints, curbs, gutters, pavement reinforcing fabric and all existing pavement to be surfaced in conformance with Section 39 of the Standard Specifications.

Tack coat shall be applied to any course in advance of spreading the next course unless the surface temperature is at least 140 °F.

Hot mix asphalt shall not be placed until tack coat has cured.

13-06.6.3 Fiber Reinforced HMA Production. Provide manufacturer's technical representative at HMA plant during HMA production.

Deliver fiber-reinforcement in sealed, undamaged containers with labels intact and legible, indicating material name and lot number. Deliver fiber-reinforcement to location where it will be added to each batch or loaded into the mixer. Store materials covered and off the ground. Keep sand and dust out of boxes and do not allow boxes to become wet.

Add aramid and polyolefin reinforcing fiber blends at a dosage rate of one (1) pound fiber per one (1) ton of asphalt.

Add alternative aramid fiber blends at a rate proposed by the manufacturer that achieves the IDT and ADSR results required.

Have a fiber manufacturer's representative on site during mixing and production. This requirement can be waived if fiber manufacturer and asphalt producer can supply evidence of manufacturer's brand of fiber being successfully produced a minimum of three times at the asphalt plant to be used for the project.

Batch Plant. When a batch plant is used, add fiber to the aggregate in the weigh hopper and increase both dry and wet mixing times. Ensure that the fiber is uniformly distributed before the injection of asphalt cement into the mixture.

Drum Plant: Inject fibers through the RAP collar by placing fibers on the RAP belt for by feeding them with a blower tube system. Rate the feeding of fibers with the rate the plant is producing asphalt mix. If there is any evidence of fiber balls at the discharge chute, increase the mixing time and/or temperature or change the angle of the fiber feeder line to increase dry mixing time.

For manual feeding, place fibers on the RAP belt at intervals based on the plant production rate.

When using a blower tube system, add fibers continuously and in a steady uniform manner. Provide automated proportioning devices and control delivery within $\pm 10\%$ of the mass of the fibers required. Perform an equipment calibration to the satisfaction of the fiber manufacturer's representative to show that the fiber is being accurately metered and uniformly distributed into the mix.

Include the following with the blower tube system:

1. Low level indicators
2. No-flow indicators
3. A printout of feed rate status in pounds/minute
4. A section of transparent pipe in the fiber supply line for observing consistency of flow or feed.
5. Manufacturer's representative's approval of fiber addition system

13-06.6.4 Spreading and Compacting. Compaction test subgrade prior to placing HMA to ensure a firm and stable subgrade. After compaction testing and immediately in advance of placing HMA, apply additional tack coat to damaged areas or where loose or extraneous material is removed.

Close areas receiving tack coat to traffic. Do not track tack coat onto pavement surfaces beyond the job site. HMA

surfacing shall conform to the provisions of Section 39 of the Standard Specifications and fiber manufacturer. Placing HMA shall be done under suitable weather conditions for such operations. Rain, snow or other inclement weather will be cause for discontinuing paving Work. Only spread and compact if the atmospheric temperature is at least 55 degrees F and rising and the surface temperature is at least 60 degrees F and rising. The Engineer shall have the authority for determining whether weather conditions are sufficient cause to postpone work.

Spreading and compacting shall be performed in accordance with Section 39-1.10 and Section 39-1.11 of the Standard Specifications.

Visually observe fiber reinforced HMA mix in the back of first three trucks and every tenth truck thereafter to confirm adequate blending of the fiber. Remove any observed fiber balls from placed mixture and adjust operations per the manufacturer's recommendation to eliminate future fiber ball development.

Longitudinal joints in the top layer must match specified lane edges shown on the striping Plans. Longitudinal joints in lower HMA layers shall be offset at least 0.5 feet from each side of the specified lane edges.

Finish rolling shall be completed before pavement surface temperature is below 150 degrees F.

Traffic shall not be allowed on HMA until mid-depth temperature is below 160 degrees F and the pavement surface temperature is below 140 degrees F.

The completed surfacing shall be true to grade and cross section, of uniform smoothness and texture, compacted firmly and free from depressions, humps or irregularities.

Dikes shall be shaped and compacted with equipment capable of shaping and compacting the material to the required cross section.

The exact rate of application of the paint binder will be determined by the Engineer during construction.

13-07 Traffic Striping. This work shall consist of painting traffic striping including applying glass beads as per the Plans and in accordance with Section 84, "Traffic Stripes and Pavement Markings" of the Standard Specifications except as provided herein, the Standard Plans, and these Special Provisions. Contractor shall reference all existing striping prior to any grinding taking place on those streets that have traffic striping.

All pavement and traffic striping shall be painted with two coats as specified per California Standard Plans unless otherwise noted.

Measurement. Painting traffic stripes will be measured by the linear foot, along the line of the traffic stripes, without deductions for gaps in broken traffic stripes. A double traffic stripe consisting of two 4-inch wide yellow stripes, separated by a 3-inch black stripe, will be measured as one traffic stripe.

Payment. The contract price paid per linear foot for painted traffic stripes shall include full compensation for furnishing all labor, material, tools, equipment and incidentals, and for doing all the work involved in painting traffic stripes.

13-08 Pavement Markings. The Contractor shall furnish and apply traffic stripes, characters, arrows, pavement markers, and other delineations and markings. These shall be reapplied in the original pattern on all roads except as shown on the striping plans, as specified herein, or as directed by the Engineer. Contractor shall install traffic striping and markers in accordance with Sections 84, "Traffic Stripes and Pavement Markings" and Section 85 "Pavement Markers" of the Standard Specifications.

Pavement markings which include bicycle lane notification, stencils, "STOP" and turn arrows shall be painted and shall have glass beads applied as per the plans in accordance with Section 84, "Traffic Stripes and Pavement Markings" of the Standard Specifications except as provided herein, the Standard Plans, and these Special Provisions. Contractor shall reference all existing pavement markings prior to pavement grinding on those streets that have pavement markings.

All pavement legends and traffic striping shall be applied in thermoplastic unless otherwise noted.

Pavement Delineation – Paint. Paint shall be a 2-coat system and comply with Section 84-3 of the Standard Specifications, and shall be used for curbs only. The use of either water or solvent-based paint will be determined by the Engineer according to the time of year and air pollution control requirements. Paint shall be used at its manufactured consistency.

Measurement. Pavement marking shall be measured as a square foot price.

Payment. The square foot price paid for Pavement Marking shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, referencing the existing pavement marking and doing all the work involved in painting pavement marking as designated by the Plans, and no additional compensation will be allowed therefore.

13-09A Reflective Pavement Markers (Blue). Blue, reflective, pavement markers shall be placed across from city fire hydrants, and conform to the provisions in section 3B-03 of the California Manual on Uniform Traffic Control Devices and the attached figure 3B-102 (CA). All pavement makers shall also conform to the provisions in Section 85 of the California Standard Specifications. Pavement Adhesive used to install pavement markers shall conform to the requirements of Section 85 of the California Standard Specifications.

Measurement. Placing pavement markers will be measured as each.

Payment. The contract price paid per each for pavement markers shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all the work involved in placing pavement markers.

Schedule. Raised pavement markers shall be placed as specified in Subsection 85-1.03 of the Standard Specifications. When utilizing hot melt bituminous adhesive, pavement markers shall be placed after the surface has been open to traffic for at least seven (7) days. When utilizing epoxy adhesive, pavement markers shall be placed after the surface has been open to traffic for at least fourteen (14) days. Regardless of which adhesive is utilized, the pavement markers shall not be placed more than twenty-one (21) days after paving or surfacing.

Permanent traffic striping and markings including legends and arrows shall be placed within twenty-one (21) days after paving or surfacing, unless otherwise directed by the Engineer.

Temporary yellow marking tape denoting school crosswalks shall be placed the same day that the pavement surfacing is placed.

Failure to comply with these requirements shall result in a liquidated damage of \$150 per day for each street that has not received permanent installation of the required raised pavement markers, traffic striping, and markings.

13-10. Minor Concrete. This work consists of constructing A1-6 curb, curb and gutter, sidewalks and wheelchair ramps. All concrete shall be Class B containing not less than 470 pounds of Portland cement per cubic yard of concrete (5 Sack) as specified in Section 90 of the California Standard Specification.

Contractors attention is directed to the requirements of each ramp detail drawing and the following Standard Drawings: No. 101 "Score Mark Details, Sidewalk, Curb and Gutter", and No. 111 "Wheelchair Ramp Detail".

Curb and Gutter. The contractor shall remove existing asphalt concrete to provide forms for the lip of the gutter. Gutter width varies from site to site and Contractor should carefully review the Project Plans. All curb and gutter shall be measured and paid for as if it were standard curb and gutter per Standard Drawing No. 102. Curb and gutter shall not be poured monolithic with the sidewalk unless otherwise approved by the Engineer.

Measurement. Curb and gutter will be measured by the linear foot, in place along the face of curb.

Payment. The contract price paid per linear foot for curb and gutter shall include full compensation for furnishing all labor, materials, tools, and equipment, and doing all the work involved in constructing curb and gutter as specified including furnishing and placing aggregate base, and preparing subgrade, and no additional compensation will be allowed therefore.

Curb ramps. Curb and gutter may be poured monolithic with the curb ramp.

Curb Ramp Detectable Warning Surface: Pedestrian ramp detectable warning surface shall consist of raised truncated domes constructed with pedestrian ramps in conformance with the details shown on the plans and these special provisions. The detectable warning surface shall be Armor-Tile cast-in-place detectable warning surface or approved equal. The color of the detectable warning shall be yellow conforming to Federal Standard 595B, Color No. 33538.

The finished surfaces of the detectable warning surface shall be free from blemishes. Installation will be per manufacturer's instructions or as directed by the Engineer.

The manufacturer shall provide a written 5-year warranty for prefabricated detectable warning surfaces, guaranteeing replacement when there is a defect in the dome shape, color, fastness, sound-on-cane acoustic quality, resilience, or attachment. The warranty period shall begin upon final acceptance of the project.

Full compensation for furnishing, constructing, and installing curb ramp detectable warning surfaces shall be considered as included in the contract price paid for Wheelchair Ramp installation and no additional allowance will be made therefor.

Measurement. Curb ramps will be measured by the square foot in place. Curb and gutter adjacent to curb ramps will be measured and paid for as curb and gutter.

Payment. The contract price paid per square foot of curb ramps shall include full compensation for furnishing all labor, materials, tools, and equipment, and doing all the work involved in constructing curb

ramps as specified including furnishing and placing aggregate base, preparing subgrade, and protecting existing traffic sign poles and foundations, and no additional compensation will be allowed therefore.

Sidewalks. Sidewalks shall be constructed in accordance with City Standard Drawing No. 102. Sidewalks shall not be poured monolithic with the curb and gutter unless otherwise approved by the Engineer.

Measurement. Sidewalks will be measured by the square foot in place. Curb and gutter, or vertical concrete retaining curb adjacent to sidewalks will be measured and paid for as curb and gutter, or retaining curb.

Payment. The contract price paid per square foot for sidewalks shall include full compensation for furnishing all labor, materials, tools, and equipment, and doing all the work involved in constructing sidewalks as specified including furnishing and placing aggregate base, preparing subgrade, and protecting existing traffic sign poles and foundations, and no additional compensation will be allowed therefore.

Saw Cut Concrete. This work shall include saw cutting Portland Cement Concrete (PCC) sidewalks, driveway approaches, curb and gutters, and valley gutters at the locations shown on the Project Plans and at locations as directed by the Engineer. Except where the plans call for a full depth cut, the concrete shall be cut in a neat line to a minimum depth of 0.17 foot with a power driven saw before concrete is removed.

Payment. Full compensation for complying with this section of the Special Provisions shall be considered as included in the prices paid for the various contract items of work, and no additional compensation will be allowed therefore.

Sign Post Relocation. This work shall include removal of existing sign posts within the new concrete construction area and reinstalling new removable sign post sleeves as provided by the City of Ukiah and cast in the new concrete as directed at the locations shown on the Project Plans and at locations as directed by the Engineer.

Payment. Full compensation for complying with this section of the Special Provisions shall be considered as included in the prices paid for the various contract items of work, and no additional compensation will be allowed therefore.

13-11. Construction Surveying. Construction surveying including horizontal and vertical control and staking shall be the responsibility of the Contractor. Vertical and horizontal control is to be established from the existing Control Points shown on the Plans. Vertical Control Points are shown on the Plans.

Measurement and Payment. Full compensation for Construction Survey will be measured and paid for at the contract lump sum price and shall include full compensation for furnishing all labor, materials, tools, equipment and incidentals for performing all work involved in establishing and maintaining vertical control and horizontal control, staking, and related construction surveying required to perform the Work, and no additional allowances will be made therefor.

13-12.1 Adjust Existing Frames, Covers, Grates and Manholes to Grade. This work shall consist of raising or adjusting existing utility facilities and replacing surface utility facilities, such as sewer and storm drain manhole frames and covers, water valve covers, gas valve covers, water meter boxes and covers, monument covers, sewer cleanouts, and monitoring well covers to the finished grade of the resurfaced asphalt pavement. On roadways to be milled, facilities shall first be lowered prior to cold planing and then adjusted to finish grade after completion of the resurfacing work (refer to Section 13-08 "Cold Plane Asphalt Concrete Pavement" of these Construction Details). At various locations a monument box and cover shall be installed at the finish grade over any unprotected, existing monumentation in the paved roadway.

All such work shall conform to the applicable provisions of the Standard Specifications, these Construction Details, the Plans and typical sections and as directed by the engineer.

Unless specifically allowed by the Engineer, grade rings shall not be used to adjust utility covers. The Contractor shall properly locate and tie all existing facilities to be raised in advance of paving operations.

13-12.2 Construction. Care shall be taken to keep frames and covers clean. The Contractor shall completely protect with heavy plastic or other suitable material all utility covers or other items which are visible on the surface and will be covered by his operations. This shall be completed prior the start of operations and approved by the Engineer. Any materials that adhere to the frames and covers shall be removed.

Contractor shall exercise care during the work of lowering and raising covers to avoid any construction debris from entering into the manhole chamber. Any material which enters the manhole or connecting pipes shall be removed at the expense of the Contractor to the satisfaction of the City. In the event that a problem is reported, Contractor shall have on hand the necessary equipment and manpower, including traffic control devices and crew if deemed necessary, to open lids that are requested for review by the Engineer, at no additional cost to the City.

Facilities damaged by the Contractor shall be replaced at the Contractor's expense. Facilities (box and lid or frame and cover) found existing in a damaged condition, and reported to the Engineer before disturbing, shall be replaced by the Contractor with materials furnished by the Owner.

All facilities on active systems shall be accessible at all times to City personnel unless otherwise stated in these Special Provisions or approved by the Engineer.

After placement of the finish course of asphalt concrete the Contractor shall mark all overlaid manholes, valve boxes, mainline cleanouts and monuments, whether new or existing, with white paint by the end of that working day.

All new and existing manholes, valve boxes, mainline cleanouts and monuments shall be adjusted to grade within 48 hours after placement of the finish course of asphalt concrete. Final grade adjustments and installation of concrete collars shall be done on the same working day. Final paving around manholes, valve boxes, mainline cleanouts and monuments shall be completed no later than the following working day. All manhole frames and covers being adjusted to grade, but left with exposed concrete collars shall have steel plate covers with hot mix asphalt tapers maintained until final asphalt concrete paving is placed.

13-12.3 Manholes. Prior to removal of an existing manhole frame, a platform to prevent debris from entering the sewer, storm drain or communication vault, shall be placed in the manhole above the top of the sewer or storm drain. The platform shall remain in place until all work on the manhole has been completed, the asphalt concrete has been placed around the manhole and all dirt and debris is removed from the platform.

The Contractor shall be responsible for the removal of any dirt and debris that falls into the manhole, and any damage to the facility or downstream facilities. Trimming of manhole cones (tapered section) will not be permitted.

All sections of the manhole grade rings shall be set in cement mortar and all joints smoothly grouted inside and out. The top of the completed manhole shall contain at least one three (3) inch grade adjustment ring. All manhole frames and covers shall be adjusted to grade after placement of the finish course of hot mix asphalt.

Existing grade adjustment rings removed in the adjustment of manhole frames shall become the property of the Contractor. If undamaged and thoroughly cleaned of mortar, the grade rings may be reused in the work. If not so used, they shall be disposed of away from the work site at the expense of the Contractor.

Manhole frames shall be reinstalled to align directly over the grade rings. Any frames misaligned by more than ½ inch shall be removed and reinstalled.

All silt and debris shall be removed from finished structures. This shall include all existing silt and debris plus material caused by the Contractor's operation.

All grade rings shall be set in cement mortar the same day they are placed. All joints shall be smoothly plastered inside and out.

The Contractor shall accurately locate and record the location of all manhole covers to be raised to grade. The Contractor shall furnish the Engineer a copy of said record prior to resurfacing the street. Where shown on the Plans and specified in these construction details, utility vaults, manholes and boxes will be adjusted to grade by the utility company that owns the facility. The Contractor shall coordinate with utility companies in

advance of scheduled work to provide adequate time for determination of work.

13-12.4 Valve Frame and Cover. Existing water valve frames and covers, gas valve frames and covers, monitoring well covers and hand holes shown on the Plans to be adjusted to grade shall be adjusted to final pavement grade in conformance with the details on the Plans.

The Contractor shall accurately locate and record the location of all valve covers to be adjusted to grade and shall furnish the Engineer a copy of said record prior to resurfacing.

After a street has been overlaid, all valve boxes shall be marked in white paint before the close of that workday. Within 48 hours of paving, all valve boxes shall be brought to grade, cleaned out and inspected by the Contractor.

13-12.5 Sawcut Pavement. Where no joint exists between concrete or asphalt concrete to be removed and concrete or asphalt concrete to remain in place, the concrete or asphalt concrete shall be cut in a neat line to a minimum depth of 0.25-foot with a power driven saw before the concrete or asphalt concrete is removed.

13-12.7 Tolerances. The concrete around these adjusted facilities shall be left two (2") inches lower than the adjacent pavement. The concrete surface shall be tack coated with 0.10 gallons per square yard and paved with ½ inch Type A HMA.

The surface adjusted facilities shall be true to the new pavement surface to within one-eighth inch (1/8") deviation. This tolerance shall apply in a single direction only, either up or down. In addition, the adjusted facility shall not vary by the high tolerance on one side and the low tolerance on the other (i.e. the total aggregated tolerance on both sides shall be limited to the 1/8" inch variation). This variation shall apply to the adjacent patch paving around the facility as well such that neither the paving nor the facility vary by more than the stated tolerance.

13-13. Clearing and Grubbing. Clearing and grubbing shall conform to the provisions in Section 16, "Clearing and Grubbing," of the Caltrans Standard Specifications, the City Standards and these Special Provisions. Concrete removal shall conform to applicable provisions of Section 15-3 of the Standard Specifications and these Special Provisions.

The Contractor's attention is directed to Section 7-1.11, "Preservation of Property" of the Caltrans Standard Specifications.

All concrete which is to be removed from sidewalk, curb, gutter, and gutter pan, shall be removed to the nearest score mark or construction joint as directed by the Engineer unless otherwise noted on plans.

All trimming and/or removal of trees, bushes or other vegetation within project limits will be completed as part of the line item work included with removal and construction of concrete.

Reinforcing steel may be encountered in portions of concrete to be removed and no additional allowance will be made for the removal of such steel.

All improvements which are not planned to be removed as part of this work, but are damaged or destroyed by reason of the Contractor's operations shall be replaced in kind or restored to a condition as good as when the Contractor encountered the work at the Contractor's expense.

The Contractor shall dispose of all debris off site and in a legal manner.

Payment: Full compensation for **clearing and grubbing** shall be considered as included in the prices paid for the various contract items of work and no additional allowance will be made therefore.

13-14. Storm Drain Pipe. All storm drains and related appurtenances shall be constructed in accordance with the Standard Specifications, the City of Ukiah Standard Plans, the Plans and these Special Provisions.

Materials. Storm drain pipe shall conform to the provisions of the Standard Specifications, the City of Ukiah Specifications, the Plans and these Special Provisions.

Storm drain pipe shall be High Density Polyethylene (HDPE). HDPE storm drain pipe shall conform to the provisions of Section 64, "Plastic Pipe" of the Standard Specifications. HDPE pipe shall be type S corrugated polyethylene pipe with a smooth inner lining and corrugated outer wall.

Excavation and Backfill. Excavation and backfill shall be in accordance with the Standard Specifications, the City of Ukiah Standard Plans, the Plans, these Special Provisions and as directed by the Engineer.

Prior to the start of excavation for storm drain installation, the contractor shall pothole to determine the exact horizontal and vertical location of all crossing utilities. Potholing shall consist of excavating with hand tools to whatever depth necessary in the proposed trench line for a distance of up to two feet on either side of the apparent utility crossings as indicated by the plans and by the USA mark-outs until the exact location of all utilities is established. If a marked utility cannot be located within four feet on either side of the USA mark-out, the Contractor shall immediately contact Underground Service Alert to re-mark the utility and notify the Engineer.

Trenches shall not be open longer than the time required to place the pipe and backfill to the adjoining grade. Trenches shall be backfilled the same day within allowable working hours.

If, during excavation for any storm drain pipe, material is encountered which is unsuitable as a foundation for such culvert or structure, such unsuitable material shall be removed to a depth as required by the Engineer and the resulting space shall be refilled with approved material.

Laying Pipe: Unless otherwise specifically permitted by the Engineer, all pipes shall be laid upgrade.

All pipe joints shall be sealed with use of a rubber gasket. A joint lubricant recommended by the pipe manufacturer shall be used on gasket sealed pipe.

Video Inspection of Storm Drain Pipe: All new and modified storm drain pipes and structures shall be inspected by video inspection completed by or provided by the contractor as witnessed by City inspection.

Measurement. Storm drain pipe, of the various types and sizes, will be measured by the lineal foot from center of structure to center of structure of connection point.

No separate measurement will be made for video inspection.

Payment. Storm Drain will be paid for at the contract price per lineal foot for specified types and sizes as installed, which price shall include full compensation for furnishing all labor, materials, tools, and equipment and doing all the work involved in placing storm drain as specified.

Full compensation for removing and disposal of existing storm drain pipe to be replaced as shown on the plans shall be considered as included in the contract prices paid per lineal foot for storm drain pipe and no additional allowance will be made therefore.

13-15. Drainage Structures. Drainage structures shall conform to the provisions in Section 70, "Miscellaneous Facilities," of the Standard Specifications, City Standards and these Special Provisions.

Storm drain catch basin construction shall conform to the requirements of City Standard Nos. 403, 406 and 408, or as specified on the Plans. At the option of the Contractor, catch basins bases may be poured in place or furnished and install as precast units at the option of the Contractor.

Drop inlets shall be of the type and size as specified on the Plans. At the option of the Contractor, drop inlets and bases may be poured in place or furnished and installed as precast units.

Concrete used for drainage structures shall conform to the provisions in Section 90-10, "Minor Concrete," of the Standard Specifications. Portland Cement Concrete shall be Class A, conforming to the provision of Section 90, "Portland Cement Concrete," of the Standard Specifications. Reinforcement shall be Grade 60 conforming to the provisions of Section 52, "Reinforcement," of the Standard Specifications.

Connection of storm drain lines to existing storm drain structures shall conform to the requirements of Section 51-1.135, "Mortar," of the Standard Specifications and these Special Provisions.

The Contractor shall break into the side of existing structures using a roto-hammer or other device approved by the Engineer. Sufficient concrete shall be removed to adequately connect the new storm drain without removing excess concrete material. No damage shall be done beyond the tie-in location as shown on the plans. Bar reinforcing and/or wire mesh reinforcing shall be neatly cut and removed. All waste concrete and reinforcing shall be removed in accordance with Section 7-1.13, "Disposal of Materials Outside the Highway Right-of-Way," of the Standard Specifications.

The new storm drain line shall be installed such that it does not protrude into the existing drainage structure. The void around the new storm drain line shall be filled with mortar. The mortar inside the existing drainage structure shall be troweled smooth so there is a clean smooth connection.

Measurement. Drainage Structures, of various types, will be measured by each. No separate measurement will be made for connecting storm drain lines to existing drainage structures, miscellaneous iron and steel, and Class 2 aggregate base under drainage structures.

Payment. Drainage Structures, of the various types, will be paid for at the contract price per each for specified types and sizes as installed, which price shall include full compensation for furnishing all labor, materials, tools, and equipment and doing all the work involved in placing drainage structures as specified.

SECTION 14. EXCLUSIONS FROM GENERAL CONDITIONS

14-01. Provisions to be Excluded from General Conditions. The following designated provisions of the General Conditions are hereby determined to be inapplicable to the proposed work and, therefore, are hereby excluded from the terms of the Notice to Bidders, Proposal, Agreement and other contract documents as though entirely omitted from said General Conditions:

- (1) Section 6-02. Office at the Site
- (2) Section 7-03. Surveys

No other exclusions.

SECTION 15. AMENDMENTS TO GENERAL CONDITIONS

15-01. Sections of General Conditions to be Amended.

The following designated sections of the Special Provisions are hereby amended to read as follows:

No amendments.

BID SUBMITTAL CHECKLIST

The following is a checklist to assist you in your submission of your bid documents. Please make sure you include the following when submitting your bid documents to reduce the risk of having your bid rejected:

Did you include?...

- **Proposal** (Page 44)
 - Unit prices filled out clearly.
 - Extended prices filled out clearly and calculated correctly
 - Total bid amount filled out clearly and calculated correctly
 - Sign the proposal, and provide complete information
 - CLSB No. and expiration date
 - Department of Industrial Relations Public Works Contractor Registration Number
- **Fair Employment Practices Certification** (Page 48)
 - Filled out completely per instruction
- **Worker's Compensation Certificate** (Page 49)
 - Filled out completely per instruction
- **Certification of Non-Discrimination in Employment** (Page 50)
 - Filled out completely per instruction
- **List of Proposed Subcontractors** (Page 51)
 - Filled out completely per instruction
- **Statement of Experience** (Page 52)
- **Signature of Bidder** (Page 53)
 - Filled out completely per instruction
 - Authorized signature provided
- **Bidder's Bond** (Page 54)
 - Filled out completely per instruction
- **Non-Collusion Affidavit** (Page 55)
 - Filled out completely per instruction
 - Notarized
- **Addenda Issued**
 - Check the City website for any addenda issued: www.cityofukiah.com/purchasing.

**CITY OF UKIAH
MENDOCINO COUNTY, CALIFORNIA**

PROPOSAL

**FOR
STATE ST. AND DORA ST. REHABILITATION PROJECT**

SPECIFICATION NO. 21-04

The undersigned, as bidder, declares that he or she has examined thoroughly all of the contract documents herein contained, that this proposal is made without collusion with any other person, firm or corporation and that all laws and ordinances relating to the interest of public officers in this contract have been complied with in every respect.

AND he or she proposes and agrees, if this proposal is accepted,

- 1) that he or she will contract with the City of Ukiah, Mendocino County, California, in the form of the copy of the agreement herein contained
 - a) to provide all necessary machinery, tools, apparatus and other means of construction;
 - b) to furnish all materials;
 - c) to provide all superintendence, overhead expenses and all labor and expenses of whatever nature necessary to complete the job in conformity with the specifications and drawings and other contract provisions herein or reasonably implied hereby or as necessary to complete the work in the manner and within the time named herein and according to the requirements and to the reasonable satisfaction of the City Engineer;
 - d) to pay all charges of freight transportation and hauling;
- 2) that he or she indemnifies the City against any loss or damage arising from any act of the undersigned as Contractor; and
- 3) that he or she will accept as full payment therefor the following sums:

BIDDING SCHEDULE

In the case of any discrepancy between the unit price and the total set forth for the item, the unit price shall prevail; provided, however, that if the amount set forth as a unit price is ambiguous, unintelligible or uncertain for any reason, or is omitted, or in the case of lump sum items, is not the same amount as the entry in the "Total" column, then the amount set forth in the "Total" column for the item shall prevail in accordance with the following:

1. As to lump sum items, the amount set forth in the "Total" column shall be the unit price;
2. As to unit basis items, the amount set forth in the "Total" column shall be divided by the estimated quantity for the item and the price thus obtained shall be the unit price.

The Total Base Bid shall be the sum of the items in the "Total" column. In case of discrepancy between the sum of the items in the "Total" column and the amount entered as Total Base Bid, the sum of the "Total" column items shall prevail. The bid comparison will be based on the sum of the items in the "total" column for each bidder.

The Unit prices for the various Construction Items below include all costs associated with the General Conditions, Special Provisions, Requirements of the Construction Contract, and represent the total, complete, in-place cost for each specific Construction Item in accordance with the Construction Documents, including all elements, work components, accessories, and connections, shown in applicable details or required to yield a complete, sound and functional component or system appropriate for its intended function, whether or not such is specifically described or listed in any description of measurement or payment. The total amount of the Construction items below shall represent the total and complete cost of the fully functional Project. All work not specifically listed below be required to complete the work of the various construction items and the cost of such shall be considered as included throughout the various unit prices indicated.

Lowest bid will be based on the lowest Base Bid.

NAME OF BIDDER:

SPEC #:

21-04

PROJECT NAME:

STATE ST. AND DORA ST. REHABILITATION PROJECT

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	EXTENDED PRICE
1	TRAFFIC CONTROL	LS	1		
2	MOBILIZATION	LS	1		
3	ASPHALT GRINDING	CY	1206		
4	ASPHALT CONCRETE FIBER REINFORCED (2" OVERLAY)	TON	3935		
5	ADJUST MANHOLE TO GRADE	EA	11		
6	ADJUST EXISTING VALVE/SSCO TO GRADE	EA	32		
7	PAVEMENT MARKERS	EA	35		
8	TRAFFIC STRIPE - DET 1	LF	1455		
9	TRAFFIC STRIPE - DET 8	LF	3736		
10	TRAFFIC STRIPE - DET 21	LF	1840		
11	TRAFFIC STRIPE - DET 27B	LF	9631		
12	TRAFFIC STRIPE - DET 32	LF	3694		
13	TRAFFIC STRIPE - DET 39	LF	9578		
14	TRAFFIC STRIPE - DET 39A	LF	744		
15	THERMO X-WALK & PAVEMENT MARKING	SF	2785		
16	REMOVE CONCRETE (CURB & GUTTER)	LF	810		
17	REMOVE CONCRETE (SIDEWALK & FLATWORK)	SF	5647		
18	MINOR CONCRETE (SIDEWALK)	SF	884		
19	MINOR CONCRETE (CURB AND GUTTER)	LF	829		
20	MINOR CONCRETE (6" PLANTER CURB)	LF	131		
21	MINOR CONCRETE (CURB RAMP)	SF	4762		
22	INSTALL 3"X12" GALVANIZED BOX DRAIN CHANNEL	LF	56		

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	EXTENDED PRICE
23	INSTALL 12" STORM DRAIN REINFORCED CONCRETE PIPE (CLASS IV)	LF	120		
24	REMOVE DRAINAGE INLET	EA	1		
25	DRAINAGE INLET	EA	3		
26	CONSTRUCTION STAKING	LS	1		
TOTAL BID PRICE				\$	

We, the undersigned, acknowledge that the City Council has reserved the right to reject any or all bids and to determine which proposal is, in its opinion, the lowest responsive bid from a responsible bidder and that which it deems in the best interest of the City to accept. We, the undersigned, further agree, if this proposal shall be accepted, to sign the agreement and to furnish the required bonds with satisfactory surety, or sureties, within fifteen (15) calendar days after written notice that the contract is ready for signature; and, if the undersigned shall fail to contract, as aforesaid, it shall be understood that he or she has abandoned the contract and that, therefore, this proposal shall be null and void and the proposal guaranty accompanying this proposal, or the amount of said guaranty, shall be forfeited to and become the property of the City. Otherwise, the proposal guaranty accompanying this proposal shall be returned to the undersigned.

Witness our hands this day of _____, 20____.

Licensed in accordance with an act providing for the registration of California Contractors License No. _____, expiration date _____.

THE CONTRACTOR'S LICENSE NUMBER AND EXPIRATION DATE STATED HEREIN ARE MADE UNDER PENALTY OF PERJURY.

Department of Industrial Relations Public Works Contractor Registration Number: _____

Signature of bidder or bidders, with business name, address, phone number and fax number:

Notice: In the case of a corporation, give below the addresses of the principal office thereof and names and addresses of the President, Secretary, Treasurer.

FAIR EMPLOYMENT PRACTICES CERTIFICATION

TO: _____

The undersigned, in submitting a bid for performing the following work by Contract, hereby certifies that he or she has or will meet the standards of affirmative compliance with the Fair Employment Practices requirements of the Special Provisions contained herein.

STATE ST. AND DORA ST. REHABILITATION PROJECT

(Signature of Bidder)

Business Mailing Address:

Business Location:

(The bidder shall execute the certification of this page prior to submitting his or her proposal.)

NOT FOR BIDDING

WORKER'S COMPENSATION CERTIFICATE

I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for Worker's Compensation or undertake self-insurance in accordance with the provisions of that code and I will comply with such provisions before commencing the performance of the work of this contract.

Witness my hand this _____ day of _____, 20____

Signature of Bidder, with Business Address:

NOT FOR BIDDING

CERTIFICATION OF NONDISCRIMINATION IN EMPLOYMENT

The bidder represents that he or she has/has not, participated in a previous contract or subcontract subject to either the equal opportunity clause herein or the clause contained in Section 301 of Executive Order 10925; that he or she has/has not, filed all required compliance reports; and that representations indicating submission of required compliance prior to subcontract awards.

Signature and address of Bidder:

_____ Date _____

(This certification shall be executed by the bidder in accordance with Section 60-1.6 of the Regulations of the President's Committee on Equal Employment Opportunity for implementing Executive Orders 10925 and 11114.)

NOT FOR BIDDING

LIST OF PROPOSED SUBCONTRACTORS

In compliance with the provisions of Sections 4100-4108 of the California Public Contract Code and any amendments thereof, each bidder shall set forth (a) the name and location of the place of business of each subcontractor who will perform work or labor or render service in or about the construction site or a subcontractor licensed by the State of California who, under subcontract to the prime contractor, specially fabricates and installs a portion of the work or improvement according to detailed drawings contained in the plans and specifications in an amount in excess of one-half of 1 percent of the total bid and (b) the California Contractor License Number for each subcontractor, and (c) the portion of the work to be done by each subcontractor. (See General Conditions Section 1-09.) Include with the name of each sub-contractor their Department of Industrial Relations Public Works Contractor Registration Number.

SUBCONTRACTOR NAME	SUBCONTRACTOR LICENSE NUMBER	SUBCONTRACTOR DIR REGISTRATION NUMBER	SUBCONTRACTOR BUSINESS ADDRESS	DESCRIPTION OF WORK

The bidder is required to state below what work of similar magnitude or character he or she has done and to give references that will enable the City Council to judge of his or her experience, skill and business standing and his or her ability to conduct work as completely and rapidly as required under the terms of the contract.

NOT FOR BIDDING

SIGNATURE(S) OF BIDDER

Accompanying this proposal is _____
(insert the words "cash (\$)", "cashier's check" or "bidder's bond", as the case may be) in an amount equal to at least 10 percent of the bid.

The names of all persons interested in the foregoing proposal as principals are as follows:

IMPORTANT NOTICE: If bidder or other interested person is a corporation, provide the legal name of corporation and also the names of the president, secretary, treasurer and manager thereof. If a co-partnership, provide the true name of firm and also the names of all individual co-partners composing the firm. If bidder or other interested person is an individual, provide the first and last names in full.

Licensed in accordance with an act providing for the registration of Contractors:

License No. _____, License Expiration Date _____.

Signature(s) of Bidder: _____

NOTE: If bidder is a corporation, the legal name of the corporation shall be set forth above together with the signature of the officer or officers authorized to sign contracts on behalf of the corporation; if bidder is a co-partnership, the true name of the firm shall be set forth above together with the signature of the partner or partners authorized to sign contracts in behalf of the co-partnership; and if bidder is an individual, his or her signature shall be placed above. If a member of a partnership, a Power of Attorney must be on file with the Department prior to opening bids or submitted with the bid; otherwise, the bid will be disregarded as irregular and unauthorized.

Business address: _____

Place of residence: _____

Dated: _____

CITY OF UKIAH
Mendocino County, California

BIDDER'S BOND

KNOW ALL MEN BY THESE PRESENTS,

That we, _____

_____, as PRINCIPAL and

_____, as SURETY,

are held and firmly bound unto the City of Ukiah in the penal sum of 10 PERCENT OF THE TOTAL AMOUNT OF THE BID of the Principal above named, submitted by said Principal to the City of Ukiah, as the case may be, for the work described below, for the payment of which sum in lawful money of the United States, well and truly to be made, to the City Clerk to which said bid was submitted, we bind ourselves, our heirs, executors, administrators and successors jointly and severally, firmly by these presents. In no case shall the liability of the surety hereunder exceed the sum of \$ _____

THE CONDITION OF THIS OBLIGATION IS SUCH,

That whereas the Principal has submitted the above mentioned bid to the City of Ukiah, as aforesaid, for certain construction specifically described as follows, for which bids are to be opened at the Office of the City Clerk, Ukiah Civic Center, Ukiah, California, on xxxxxxxx for STATE ST. AND DORA ST. REHABILITATION PROJECT.

NOW, THEREFORE, If the aforesaid Principal is awarded the contract and, within the time and manner required under the specifications, after the prescribed forms are presented to him or her for signatures, enters into a written contract, in the prescribed form, in accordance with the bid and files two bonds with the City of Ukiah, one to guarantee faithful performance and the other to guarantee payment for labor and materials, as required by law, then this obligation shall be null and void; otherwise, it shall be and remain in full force and virtue.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this _____ day of _____, A.D. 20_____.

_____(Seal)

_____(Seal)

_____(Seal)

Principal

_____(Seal)

_____(Seal)

_____(Seal)

Surety

Address: _____

NON-COLLUSION AFFIDAVIT

Note: Bidder shall execute the affidavit on this page prior to submitting his or her bid.

To City Council, City of Ukiah:

The undersigned in submitting a bid for performing STATE ST. AND DORA ST. REHABILITATION PROJECT by contract, being duly sworn, deposes and says:

that he or she has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with such contract.

Signature(s) of Bidder

Business Address: _____

Place of Residence: _____

NOTARIZATION

Subscribed and sworn to before me this _____ day of _____, 20____.

Notary Public in and for the County of _____, State of California.

My Commission Expires _____, 20 ____.

CITY OF UKIAH
Mendocino County, California

AGREEMENT

FOR

STATE ST. AND DORA ST. REHABILITATION PROJECT

SPECIFICATION NO. 21-04

THIS AGREEMENT, made this _____ day of _____, 20____, by and between the City of Ukiah, Mendocino County, California, hereinafter called the City and _____ hereinafter called the Contractor,

WITNESSETH:

WHEREAS, the City has caused to be prepared in accordance with law, specifications, drawings and other contract documents for the work herein described and shown and has approved and adopted these contract documents, specifications and drawings and has caused to be published in the manner and for the time required by law a notice to bidders inviting sealed proposals for doing the work in accordance with the terms of this contract and

WHEREAS, the Contractor, in response to the notice to bidders, has submitted to the City a sealed proposal accompanied by a proposal guaranty in an amount of not less than 10 percent of the bid price for the construction of the proposed work in accordance with the terms of this contract and

WHEREAS, the City, in the manner prescribed by law, has publicly opened, examined and canvassed the proposals submitted and as a result has determined and declared the Contractor to be the lowest and best regular responsible bidder for the work and for the sums named in the proposal,

NOW, THEREFORE, THIS AGREEMENT WITNESSETH:

Article 1. Work to be Done and Contract Days Allowed.

That the Contractor shall provide all necessary machinery, tools, apparatus and other means of construction; shall furnish all materials, superintendence, overhead, expenses, all labor and expenses of whatever nature necessary for completion of the work in conformity with the Special Provisions and other contract documents hereto attached and according to such instructions as may be given by the Engineer. The Contractor shall complete the work within **forty-five (45) working days**. Contract days shall be counted starting with the 10th day following receipt of notice that the contract has been executed by the City. Contractor, at his or her option, may begin work prior to start of counting contract days, however, in no event shall the Contractor start work without giving notification to the Engineer at least 72 hours prior to the start of work, without obtaining an encroachment permit from the City, or without having submitted certificates of insurance that have been accepted and approved by the Engineer

Article II. Contract Prices.

That the City shall pay the Contractor the prices stated in the proposal submitted by the Contractor, for complete performance of the contract by the Contractor. The Contractor hereby agrees to accept the prices as full compensation for all material and appliances necessary to the work, for all labor and use of tools and other implements necessary to execute the work contemplated in this contract; for all loss or damage arising out of the nature of the work or from the action of the elements, or from any unforeseen obstructions or difficulties which may be encountered in the prosecution of the work; for all risks of every description connected therewith; for all expenses of the work, as herein specified; for all liability and other insurance, for all overhead and other expenses incident to the work; all according to the Contract Drawings, the Special Provisions, the Details, the instructions and the requirements of the City.

Article III. Labor Discrimination.

Attention is directed to Section 1735 of the Labor Code, which reads as follows:

"No discrimination shall be made in the employment of persons upon public works because of the race, color, national origin or ancestry, or religion of such persons and every contractor for public works violating this section is subject to all the penalties imposed for a violation of this chapter."

In connection with the performance of work under this contract, the Contractor agrees as follows:

- (a) The Contractor will not willfully discriminate against any employee or an applicant for employment because of race, color, religion, ancestry, or national origin. The Contractor will take affirmative action to ensure that applicants are employed and that employees are treated during employment without regard to their race, color, religion, ancestry, or national origin. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the awarding authority setting forth the provisions of this Fair Employment Practice section.
- (b) The Contractor will send to each labor union or representative of workers with which he or she has a collective bargaining agreement or other contract or understanding, a notice, to be provided by the awarding authority, advising the said labor union or worker's representative of the Contractor's commitments under this section, to employees and applicants for employment.
- (c) The Contractor will permit access to his or her records of employment, employment advertisements, application forms and other pertinent data and records by the Fair Employment Practices Commission, City of Ukiah or any other appropriate agency of the State of California designated by the awarding authority, for the purposes of investigation to ascertain compliance with the Fair Employment Practices section of this contract.
- (d) A finding of willful violation of the Fair Employment Practices section of this Contract or of the Fair Employment Practices Act shall be regarded by the awarding authority as a basis for determining the Contractor to be not a "responsible bidder" as to future contracts for which such Contractor may submit bids, for revoking the Contractor's pre-qualification rating, if any and for refusing to establish, reestablish or renew a pre-qualification rating for the Contractor.

The City of Ukiah shall deem a finding of willful receipt of written notice from the Fair Employment Practices Act to have occurred upon that it has investigated and determined that the Contractor has violated the Fair Employment Practices Act and has issued an order under Labor Code Section 1426 or obtained an injunction under Labor Code Section 1429.

Upon receipt of such written notice from the Fair Employment Practices Commission, the City shall notify the Contractor that unless he or she demonstrates to the satisfaction of the awarding authority within a stated period that the violation has been corrected, his or her pre-qualification rating will be revoked at the expiration of such period.

- (e) The Contractor agrees that should the City determine that the Contractor has not complied with the Fair Employment Practices section of this Contract, then pursuant to Labor Code Section 1735 and 1775 the Contractor shall, as a penalty to the City, forfeit for each calendar day or portion thereof, for each person who was denied employment as a result of such non-compliance, the penalties provided in the Labor Code for violation of prevailing wage rates. Such monies may be recovered from the Contractor. The City may deduct any such damages from any monies due the Contractor.
- (f) Nothing contained in this Fair Employment Practices section shall be construed in any manner of fashion so as to prevent the City or the State of California from pursuing any other remedies that may be available at law.
- (g) Prior to awarding the Contract, the Contractor shall certify to the awarding authority that he or she has or will meet the following standards for affirmative compliance, which shall be evaluated in each case by the awarding authority:
 - (1) The Contractor shall provide evidence, as required by the City that he or she has notified all supervisors, foremen and other personnel officers in writing of the content of the anti-discrimination clause and their responsibilities under it.
 - (2) The Contractor shall provide evidence, as required by the City, that he or she has notified all sources of employees' referrals (including unions, employment agencies, advertisements, Department of Employment) of the content of the anti-discrimination clause.
 - (3) The Contractor shall file a basic compliance report, as required by the City. Willfully false statements made in such reports shall be punishable as provided by law. The compliance report shall also spell out the sources of the work force and who has the responsibility for determining whom to hire, or whether or not to hire.
 - (4) Personally, or through his or her representatives, the Contractor shall, through negotiations with the unions with whom he or she has agreements, attempt to develop an agreement which will:
 - a. Spell out responsibilities for nondiscrimination in hiring, referral, upgrading and training.
 - b. Otherwise implement an affirmative anti-discrimination program in terms of the unions' specific areas of skill and geography to the end that qualified minority workers will be available and given and equal opportunity for employment.
 - (5) The Contractor shall notify the City of opposition to the anti-discrimination clause by individuals, firms or organizations during the period of its pre-qualification.
- (h) The Contractor will include the provisions of the foregoing paragraphs 1 through 5 in every first tier subcontract so that such provisions will be binding upon each such subcontractor.
- (i) The "Fair Employment Practices Certification" must be completed and signed prior to the time of submitting the bid.

Article IV. Parts of the Contract.

That the complete contract consists of the following documents, all of which shall be considered a part of this agreement.

1. Notice to Bidders
2. Wage Rates
3. General Conditions
4. Technical Specifications
5. Proposal
6. Fair Employment Practices Certification
7. Agreement
8. Contract Bonds
9. Contract Drawings and Construction Details
10. Standard Drawings
11. Indemnification Agreement

IN WITNESS WHEREOF, this contract being executed in duplicate and the parties having caused their names to be signed by authority of their duly authorized office this _____ day of _____, 20____.

CITY OF UKIAH, MENDOCINO COUNTY, CALIFORNIA

By: _____
CITY MANAGER, CITY OF UKIAH

Attest: _____
CITY CLERK, CITY OF UKIAH

By: _____
CONTRACTOR

Attest: _____

Title: _____

The foregoing contract is approved as to form and legality this _____ day of _____, 20____.

CITY ATTORNEY, CITY OF UKIAH

INDEMNIFICATION AGREEMENT

This Indemnification Agreement is made and entered in Ukiah, California, on _____, 20____,
by and between the City of Ukiah (Ukiah) and _____ (Contractor).

Contractor is

_____ for Ukiah.

As a condition of issuing the work order, attached hereto, Ukiah requires assurance that Contractor will protect Ukiah from damage or damage claims which arise from its performance of the work.

Accordingly, Contractor agrees as follows:

1. **Indemnification.** Contractor shall indemnify and hold harmless Ukiah and its officers, agents, and employees from and against any claim, loss, or damage, including the legal and other costs of defending against any claim of damage or loss which arises out of the Contractor's negligent or wrongful performance under the work order attached hereto, except for claims, losses, or damages resulting from the sole and exclusive negligence or other wrongful conduct of Ukiah or its officers, agents and employees.

CONTRACTOR

BY: _____

TITLE: _____

CITY OF UKIAH
Mendocino County, California

FAITHFUL PERFORMANCE BOND

KNOW ALL MEN BY THESE PRESENTS,

That we the undersigned, _____

AS PRINCIPAL, and

AS SURETY,

are held firmly bound unto **THE CITY OF UKIAH**, hereinafter called the "City", in the penal sum of

_____ dollars (\$ _____)
for the payment of which sum we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally.

WHEREAS, the Principal has entered into a certain Contract with the City, dated _____, 20____,
a copy of which is hereto attached and made a part hereof,

NOW, THEREFORE, the condition of this obligation is such that if the Principal shall in all respects fully perform the Contract and all duly authorized modifications thereof, during its original term and any extensions thereof that may be granted and during any guaranty period for which the Contract provides, and if the Principal shall fully satisfy all claims, arising out of the prosecution of the work under the Contract and shall fully indemnify the City for all expenses which it may incur by reason of such claims, including its attorney's fees and court costs, and if the Principal shall make full payment to all persons supplying labor, services, materials, or equipment in the prosecution of the work under the Contract, in default of which such persons shall have a direct right of action hereupon; and if the Principal shall pay or cause to be paid all sales and use taxes payable as a result of the performance of the Contract as well as payment of gasoline and special motor fuels taxes in the performance of the Contract and all motor vehicle fees required for commercial motor vehicles used in connection with the performance of the Contract, then this obligation shall be void; otherwise, it shall remain in full force and effect. No modification of the Contract or extension of the term thereof, nor any forbearance on the part of the City shall in any way release the Principal or the Surety from liability hereunder. Notice to the Surety of any such modification, extension, or forbearance is hereby waived.

IN WITNESS WHEREOF, the aforesaid Principal and Surety have executed this instrument and affixed their seals hereto, this _____ day of _____, 20____.

In the presence of:

WITNESS:

_____(SEAL)
(Individual Principal)

(Business Address)

(City/State/Zip Code)

WITNESS:

_____(SEAL)
(Corporate Principal)

(Business Address)

(City/State/Zip Code)

ATTEST:

(Corporate Principal) Affix
Corporate
Seal

(Business Address)

(City/State/Zip Code)

ATTEST:

(Corporate Surety) Affix
Corporate
Seal

(Business Address)

(City/State/Zip Code)

The rate of premium on this bond is \$ _____ per thousand.

The total amount of premium charges is \$ _____..

(The above is to be filled in by Surety Company). (Power of Attorney of person signing for Surety Company must be attached).

(CERTIFICATE AS TO CORPORATE PRINCIPAL)

I, _____, certify that I am the
_____ Secretary of the corporation named as Principal in the foregoing bond;
that _____, who signed the said bond on behalf of the Principal, was
then _____ of said corporation; that I know his signature, and
that his signature thereto is genuine; and that said bond was duly signed, sealed, and attested to for and in
behalf of said corporation by authority of its governing body.

_____ Affix Corporate Seal

CITY OF UKIAH
Mendocino County, California

MATERIAL AND LABOR BOND

KNOW ALL MEN BY THESE PRESENTS,

That we the undersigned, _____

_____, **AS PRINCIPAL,**
and

_____, **AS SURETY,**

are held firmly bound unto **THE CITY OF UKIAH**, hereinafter called the "City" in the penal sum of dollars (\$_____) for the payment of which sum we bind ourselves, our heirs, executors, administrators, and successors, jointly and severally.

WHEREAS, the Principal has entered into a certain Contract with the City, dated _____, 20____, a copy of which is hereto attached and made a part hereof,

NOW, THEREFORE, the condition of this obligation is such that if the Principal shall in all respects fully perform the Contract and all duly authorized modifications thereof, during its original term and any extensions thereof that may be granted and during any guaranty period for which the Contract provides, and if the Principal shall fully satisfy all claims, arising out of the prosecution of the work under the Contract and shall fully indemnify the City for all expenses which it may incur by reason of such claims, including its attorney's fees and court costs, and if the Principal shall make full payment to all persons supplying labor, services, materials, or equipment in the prosecution of the work under the Contract, in default of which such persons shall have a direct right of action hereupon; and if the Principal shall pay or cause to be paid all sales and use taxes payable as a result of the performance of the Contract as well as payment of gasoline and special motor fuels taxes in the performance of the Contract and all motor vehicle fees required for commercial motor vehicles used in connection with the performance of the Contract, then this obligation shall be void; otherwise, it shall remain in full force and effect. No modification of the Contract or extension of the term thereof, nor any forbearance on the part of the City shall in any way release the Principal or the Surety from liability hereunder. Notice to the Surety of any such modification, extension, or forbearance is hereby waived.

IN WITNESS WHEREOF, the aforesaid Principal and Surety have executed this instrument and affixed their seals hereto, this _____ day of _____, 20_____.

In the presence of:

WITNESS:

_____(SEAL)
(Individual Principal)

(Business Address)

(City/State/Zip Code)

WITNESS:

_____(SEAL)
(Corporate Principal)

(Business Address)

(City/State/Zip Code)

ATTEST:

(Corporate Principal) Affix
Corporate
Seal

(Business Address)

(City/State/Zip Code)

ATTEST:

(Corporate Surety) Affix
Corporate
Seal

(Business Address)

(City/State/Zip Code)

The rate of premium on this bond is \$ _____ per thousand.

The total amount of premium charges is \$ _____.

(The above is to be filled in by Surety Company). (Power of Attorney of person signing for Surety Company must be attached).

(CERTIFICATE AS TO CORPORATE PRINCIPAL)

I, _____, certify that I am the

Secretary of the corporation named as Principal in the foregoing bond;
that _____, who signed the said bond on behalf of the Principal, was
then _____ of said corporation; that I know his signature, and
that his signature thereto is genuine; and that said bond was duly signed, sealed, and attested to for and in
behalf of said corporation by authority of its governing body.

Affix Corporate Seal

DIRECTIONS FOR PREPARATION OF PERFORMANCE AND MATERIAL AND LABOR BOND

1. Individual sureties, partnerships, or corporations not in the surety business will not be acceptable.
2. The name of the Principal shall be shown exactly as it appears in the Contract.
3. The penal sum shall not be less than required by the Specifications.
4. If the Principals are partners or joint venturers, each member shall execute the bond as an individual and state his place of residence.
5. If the Principal is a corporation, the bond shall be executed under its corporate seal.
If the corporation has no corporate seal, it shall so state and affix a scroll or adhesive seal following the corporate name.
6. The official character and authority of the person(s) executing the bond for the Principal, if a corporation, shall be certified by the Secretary or Assistant Secretary thereof under the corporate seal, or copies attached to such records of the corporation as will evidence the official character and authority of the officer signing, duly certified by the Secretary or Assistant Secretary, under the corporate seal, to be true copies.
7. The current power-of-attorney of the person signing for the surety company must be attached to the bond.
8. The date of the bond must not be prior to the date of the Contract.
9. The following information must be placed on the bond by the surety company:
 - a. The rate of premium in dollars per thousand; and
 - b. The total dollar amount of premium charged.
10. The signature of a witness shall appear in the appropriate place attending to the signature of each party of the bond.
11. Type or print the name underneath each signature appearing on the bond.
12. An executed copy of the bond must be attached to each copy of the Contract (original counterpart) intended for signing.

CITY OF UKIAH
Mendocino County, California

DEFECTIVE MATERIAL AND WORKMANSHIP (MAINTENANCE) BOND

KNOW ALL MEN BY THESE PRESENTS,

That we, _____,
_____, as **PRINCIPAL**

and _____,
_____, as **SURETY,**

are held and firmly bound unto the **City of Ukiah** as Obligee, in the penal sum of

(\$ _____),
(5 PERCENT OF THE FINAL CONTRACT AMOUNT)

to which payment well and truly to be made, we do bind ourselves, our and each of our heirs, executors, administrators, successors and assigns jointly and severally, firmly by these presents.

WHEREAS, the said Principal entered into a Contract with the City Of Ukiah
dated _____
for _____

WHEREAS, said Contract has been completed, and was approved on the _____ day of _____,
_____.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the Principal shall guarantee that the work will be free of any defective materials or workmanship which become apparent during the period of one (1) year following completion of the Contract, then this obligation shall be void, otherwise to remain in full force and effect, provided however, any additional warranty or guarantee whether expressed or implied is extended by the Principal or Manufacturer only, and the surety assumes no liability for such a guarantee.

Signed, sealed, and dated this _____ day of _____, 20_____.

_____(Seal)

BY: _____(Seal)

_____(Seal)

Principal

_____(Seal)

BY: _____(Seal)

_____(Seal)

Surety



AGENDA SUMMARY REPORT

SUBJECT: Receive Updates on City Council Committee and Ad Hoc Assignments, and, if Necessary, Consider Modifications to Assignments and/or the Creation/Elimination of Ad Hoc(s).

DEPARTMENT: City Manager /
Admin

PREPARED BY: Kristine Lawler, City Clerk

PRESENTER: Mayor Brown and Various Councilmembers

ATTACHMENTS:

1. 2022 City Council Special Assignments

Summary: City Council members will provide reports and updates on their committee and ad hoc assignments. If necessary, the Council may consider modifications.

Background: City Council members are assigned to a number of committees and ad hoc activities. These assignments are included as Attachment 1.

Discussion: Previously, the City Council discussed having more time allocated to reporting on committee and ad hoc activities. Often, the Council Reports section of the regular agenda is rushed due to impending business (i.e., public hearings), and not enough time is afforded for reports beyond community activities.

In an effort to foster regular updates on committee and ad hoc assignments, this item is being placed on the agenda to provide the City Council members an expanded opportunity to report on assignments and modify assignments as necessary.

Recommended Action: Receive report(s). The Council will consider modifications to committee and ad hoc assignments along with the creation/elimination ad hoc(s).

BUDGET AMENDMENT REQUIRED: No

CURRENT BUDGET AMOUNT: N/A

PROPOSED BUDGET AMOUNT: N/A

FINANCING SOURCE: N/A

PREVIOUS CONTRACT/PURCHASE ORDER NO.: N/A

COORDINATED WITH: N/A

Approved: 
Sage Sangiacomo, City Manager

2022 CITY COUNCIL SPECIAL ASSIGNMENTS

COUNTY/REGIONAL OnGoing One + Alternate	MTG DATE/TIME	MEETING LOCATION	MAILING ADDRESS/CONTACT	COMMITTEE FUNCTION	ASSIGNED TO	PRINCIPAL STAFF SUPPORT
Disaster Council	Shall meet a minimum of once a year at a time and place designated upon call of the chair	Place designated upon call of the chair or, if she/he is unavailable or unable to call such meeting, the first vice chair and then the City Manager or her/his designee.	Office of Emergency Management 300 Seminary Ave. Ukiah, CA 95482 467-5765 - Tami Bartolomei	Develop any necessary emergency and mutual aid plans, agreements, ordinances, resolutions, rules, and regulations.	Orozco Duenas - Alternate	Tami Bartolomei, Office of Emergency Management Coordinator; 467-5765 tbartolomei@cityofukiah.com
Greater Ukiah Business & Tourism Alliance	3rd Tuesday of month, 11:30 a.m.	200 S School St. Ukiah, CA 95482	200 S School St. Ukiah, CA 95482	Promotes tourism and works to strengthen and promote the historic downtown and businesses within the greater Ukiah area	Duenas Rodin - Alternate	Shannon Riley, Deputy City Manager; 467-5793 sriley@cityofukiah.com
Mendocino Council of Governments (MCOG)	1st Monday of month, 1:30 p.m.	Board of Supervisors Chambers 501 Low Gap Road Ukiah, CA	Executive Director 367 N. State Street, Ste. 206 Ukiah, CA 95482 463-1859	Plan and allocate State funding, transportation, infrastructure and project County wide	Brown Rodin - Alternate	Tim Eriksen, Public Works Director/City Engineer; 463-6280 teriksen@cityofukiah.com
Mendocino County Inland Water and Power Commission (IWPC)	2nd Thursday of month, 6:00 p.m.	Civic Center 300 Seminary Avenue conference room 5	IWPC Staff P.O. Box 1247 Ukiah, CA 95482 391-7574 - Candace Horsley	Develops coordination for water resources and current water rights: Potter Valley project - Eel River Diversion	Orozco Brown - Alternate	Sean White, Director of Water Resources; 463-5712 swhite@cityofukiah.com
Mendocino Solid Waste Management Authority (MSWMA)	3rd Thursday of every other month (varies), 10:00 a.m.	Willits Council Chambers	Solid Waste Director 3200 Taylor Drive Ukiah, CA 95482 468-9710	County-wide Solid Waste JPA	Brown Duenas - Alternate	Tim Eriksen, Public Works Director/City Engineer; 463-6280 teriksen@cityofukiah.com
Mendocino Transit Authority (MTA) Board of Directors	Last Wednesday of month, 1:30 p.m.	Alternating locations - Ukiah Conference Center or Fort Bragg, or Point Arena	Executive Director 241 Plant Road Ukiah, CA 95482 462-1422	County-wide bus transportation issues and funding	Duenas Orozco Alternate	Tim Eriksen, Public Works Director/City Engineer; 463-6280 teriksen@cityofukiah.com
North Coast Opportunities (NCO)	4th Wednesday of month, 2 p.m.	Alternating locations - Ukiah and Lakeport	Ross Walker, Governing Board Chair North Coast Opportunities 413 North State Street Ukiah, CA 95482	Assist low income and disadvantaged people to become self reliant	Bartolomei (appointed 12/19/18)	Tami Bartolomei, Community Services Administrator; 467-5765 tbartolomei@cityofukiah.com
North Coast Rail Authority (NCRA)	2nd Wednesday of month, 10:30 a.m.	Various Locations - announced	419 Talmage Road, Suite M Ukiah, CA 95482 463-3280	Provides a unified and revitalized rail infrastructure meeting the freight and passenger needs of the region	Shannon Riley, Deputy City Manager	Shannon Riley, Deputy City Manager; 467-5793 sriley@cityofukiah.com
Russian River Watershed Association (RRWA)	4th Thursday of month, 9:00 a.m. (only 5 times a year)	Windsor Town Hall	Russian River Watershed Association Attn: Daria Isupov 425 South Main St., Sebastopol, CA 95472 508-3670	Consider issues related to Russian river - plans projects and funding requests	Rodin Brown - Alternate	Tim Eriksen, Public Works Director/City Engineer; 463-6280 teriksen@cityofukiah.com
Ukiah Valley Basin Groundwater Sustainability Agency (GSA)	2nd Thursday of month, 1:30 p.m.	Board of Supervisors Chambers; 501 Low Gap Road Ukiah, CA	County Executive Office Nicole French 501 Low Gap Rd., Rm. 1010 Ukiah, CA 95482 463-4441	GSA serves as the Groundwater Sustainability Agency in the Ukiah Valley basin	Crane Duenas - Alternate	Sean White, Director of Water Resources; 463-5712 swhite@cityofukiah.com
COUNTY/REGIONAL One + Staff Alternate	MTG DATE/TIME	MEETING LOCATION	MAILING ADDRESS/CONTACT	COMMITTEE FUNCTION	ASSIGNED TO	PRINCIPAL STAFF SUPPORT
Economic Development & Financing Corporation (EDFC)	2nd Thursday of month, 2:00 p.m.	Primarily 631 S. Orchard Street (location varies)	Executive Director 631 South Orchard Avenue Ukiah, CA 95482 467-5953	Multi-agency co-op for economic development and business loan program	Riley (appointed 12/19/18)	Shannon Riley, Deputy City Manager; 467-5793 sriley@cityofukiah.com
Sun House Guild ex officio	2nd Tuesday of month, 4:30 p.m.	Sun House 431 S. Main St. Ukiah, CA	431 S. Main Street Ukiah, CA 95482 467-2836	Support and expand Grace Hudson Museum	Orozco Davis - Alternate Neil	David Burton, Museum Director; 467-2836 dburton@cityofukiah.com
Continued - COUNTY/REGIONAL One + Staff Alternate	MTG DATE/TIME	MEETING LOCATION	MAILING ADDRESS/CONTACT	COMMITTEE FUNCTION	ASSIGNED TO	PRINCIPAL STAFF SUPPORT
Mendocino Youth Project JPA Board of Directors	3rd Wednesday of month, 7:45 a.m.	776 S. State Street Conference Room	Mendocino Co. Youth Project 776 S. State Street, Ste. 107 Ukiah, CA 95482 707-463-4915	Targets all youth with a focus on drug and alcohol prevention, healthy alternatives and empowering youth to make healthy choices	Cedric Crook, Patrol Lieutenant	Cedric Crook, Patrol Lieutenant Nob; 463-6771; ccrook@cityofukiah.com
Northern California Power Agency (NCPA) - Commission	4th Thursday of month, 9:00 a.m. (see NCPA calendar)	Roseville, CA and other locations	651 Commerce Drive Roseville, CA 95678 916-781-4202	Pool of State and local power utilities developing and operating power generation, providing scheduling and related energy services and providing regulatory and legislative support.	Crane - Commissioner Sauers - Alternate and Commissioner in absence of Commissioner Crane	Cindi Sauers - Electric Utility Director; 463-6286 csauers@cityofukiah.com
Northern California Power Agency (NCPA) – Lodi Energy Center (LEC) Appointment	2nd Monday of month, 10:00 AM	Lodi, CA and other locations	651 Commerce Drive Roseville, CA 95678 916-781-4299	Committee oversees the operation, maintenance and expenditures of the LEC 300 MW generating project.	Sauers – Project Participate Appointee	Cindy Sauers, Electric Utility Director, 463-6286, csauers@cityofukiah.com
Transmission Agency of Northern California (TANC)	4th Wednesday of month, 10 a.m.	35 Iron Point Circle Suite 225 Folsom, CA	35 Iron Point Cir #225 Folsom, CA 95630 916-852-1673; info@tanc.us	Provide electric transmission to its Member utilities through transmission line ownership or contract arrangements.	Crane Sauers - Alternate	Cindi Sauers - Electric Utility Director; 463-6286 csauers@cityofukiah.com

2022 CITY COUNCIL SPECIAL ASSIGNMENTS

LOCAL/COUNTY/REGIONAL/LIATIONS OnGoing One or Two Council and/or Staff	MTG DATE/TIME	LOCATION	MAILING ADDRESS/CONTACT	COMMITTEE FUNCTION	ASSIGNED TO	PRINCIPAL STAFF SUPPORT
League of California Cities Redwood Empire Legislative Committee	Prior to Division Meetings, meets 3x in person and then via conference call	Various locations that are announced	Redwood Empire League President; Public Affairs Program Manager (916) 658-8243	Elected city officials and professional city staff attend division meetings throughout the year to share what they are doing and advocate for their interests in Sacramento	Rodin Orozco-Alternate	Sage Sangiacomo , City Manager; 463-6221 ssangiacomo@cityofukiah.com
City Selection Committee	Called as required by the Clerk of the Board	BOS Conference Room 501 Low Gap Rd. Rm. 1090 Ukiah, CA	C/O: BOS 501 Low Gap Rd., Rm 1090 Ukiah, CA 95482 463-4441	Makes appointments to LAFCO and Airport Land Use Commission	Mayor	Kristine Lawler , City Clerk; 463-6217 klawler@cityofukiah.com
Investment Oversight Committee	Varies	Civic Center 300 Seminary Ave. Ukiah, CA 95482	Civic Center 300 Seminary Ave. Ukiah, CA 95482	Reviews City investments, policies, and strategies	Crane Orozco, Alternate Alan Carter , Treasurer	Dan Buffalo , Director of Finance; 463-6220 dbuffalo@cityofukiah.com
Library Advisory Board	3rd Wednesdays of alternate months; 1:00 p.m.	Various Mendocino County Libraries	Ukiah County Library 463-4491	Review library policy and activities	Supervisor Mulheren	Kristine Lawler , City Clerk; 463-6217; klawler@cityofukiah.com
Ukiah Players Theater Board of Directors	3rd Tuesday of month, 6:00 p.m	1041 Low Gap Rd Ukiah, CA 95482 462-1210	1041 Low Gap Rd Ukiah, CA 95482 462-1210	To oversee the activities, organization and purpose of the Ukiah Players Theater	Greg Owen , Airport Manager (appointed 12/19/18)	Kristine Lawler , City Clerk; 463-6217 klawler@cityofukiah.com
Ukiah Unified School District (UUSD) Committee	Quarterly	511 S. Orchard, Ste. D Ukiah, CA 95482	511 S. Orchard Ukiah, CA 95482	Information exchange with UUSD Board Chair, Mayor, Superintendent, and City Manager	Mayor, City Manager and Police Chief	Sage Sangiacomo , City Manager; 463-6221 ssangiacomo@cityofukiah.com
Russian River Flood Control District (RRFCD) Liaison	1st Monday of month, 5:30 p.m.	151 Laws Ave., Suite D Ukiah, CA	151 Laws Ave., Ukiah, CA 95482; rrfc@pacific.net; 462-5278	Proactively manage the water resources of the upper Russian River for the benefit of the people and environment of Mendocino County	White/Orozco	Sean White , Director of Water Resources; 463-5712 swhite@cityofukiah.com
Mendocino County Local Area Formation Commission (LAFCO)	1st Monday of month, 9:00 a.m.	Board of Supervisors Chambers	Executive Director 200 S. School Street, Ste. 2 Ukiah, CA 95482 463-4470	Required by legislation - planning spheres of influence, annexation, service areas, and special districts	Rodin/Crane	Craig Schlatter , Director of Community Development; 463-6219; cschlatter@cityofukiah.com
Mendocino County Airport Land Use Commission	As needed	BOS Conference Room 501 Low Gap Rd., Rm. 1090, Ukiah, CA	Mendocino County Executive Office 501 Low Gap Rd. Rm. 1010 Ukiah, CA 95482	To formulate a land use compatibility plan, provide for the orderly growth of the airport and the surrounding area, and safeguard the general welfare of the inhabitants within the vicinity	Owen/Schlatter	Greg Owen , Airport Manager; 467-2855; gowen@cityofukiah.com Craig Schlatter , Director of Community Development; 463-6219; cschlatter@cityofukiah.com
Mendocino County 1st District Liaison	Monthly; TBD	Civic Center Annex conference room #5 411 West Clay St. Ukiah, CA 95482	Civic Center 300 Seminary Ave. Ukiah, CA 95482	To coordinate activities and policy development with the City's 1st District Supervisor	Brown Crane- Alternate	Sage Sangiacomo , City Manager; 463-6221; ssangiacomo@cityofukiah.com
Mendocino County 2nd District Liaison	1st Wednesdays of month, 8:00 a.m.	Civic Center Annex conference room #5 411 West Clay St. Ukiah, CA 95482	Civic Center 300 Seminary Ave. Ukiah, CA 95482	To coordinate activities and policy development with the County's 2nd District Supervisor	Brown	Shannon Riley , Deputy City Manager; 467-5793 sriley@cityofukiah.com
LOCAL/COUNTY/REGIONAL/LIATIONS OnGoing One or Two Council and/or Staff	MTG DATE/TIME	LOCATION	MAILING ADDRESS/CONTACT	COMMITTEE FUNCTION	ASSIGNED TO	PRINCIPAL STAFF SUPPORT
Fire Executive Committee	2nd Wednesdays of month, 3:45 p.m.	Ukiah Valley Conference Center, 200 S. School Street Ukiah, CA	Stephanie Abba Civic Center 300 Seminary Ave. Ukiah, CA 95482 sabba@cityofukiah.com	Per the recently adopted agreement between the City of Ukiah and the Ukiah Valley Fire Protection District	Orozco/Brown	Doug Hutchison , Fire Chief; 463-6263; dhutchison@cityofukiah.com
STANDING COMMITTEES	MTG DATE/TIME	LOCATION	MAILING ADDRESS/CONTACT	COMMITTEE FUNCTION	ASSIGNED TO	PRINCIPAL STAFF SUPPORT
Equity and Diversity	TBD	Virtual Meeting Room (link to be created)	Civic Center 300 Seminary Ave. Ukiah, CA 95482	Improve diversity and equity in the City's workforce and municipal services	Orozco/Duenas	Traci Boyl , City Manager's Office Management Analyst; 467-5720 tboy@cityofukiah.com

2022 AD HOC COMMITTEES		
COMMITTEE	ASSIGNED TO	PRINCIPAL STAFF SUPPORT
Electric Grid Operational Improvements	Crane/Orozco	Cindy Sauers, Electric Utility Director; 463-629586 csauers@cityofukiah.com
Trench Cut Policy Development	Crane/Brown	Tim Eriksen, Public Works Director/City Engineer; 463-6280 teriksen@cityofukiah.com
Budget Development Best Practices and Financial Policy For FY 22/23 Budget	Crane/Brown	Dan Buffalo, Director of Finance; 463-6220 dbuffalo@cityofukiah.com Sheri Mannion, Human Resource Director/Risk Manager; 463-6272, smannion@cityofukiah.com
Advance Planning & Policy for Sphere of Influence (SOI), Municipal Service Review (MSR), Annexation, Tax Sharing, Detachment, and Out of Area Service Agreements	Crane/Rodin	Sage Sangiacomo, City Manager 463-6221 ssangiacomo@cityofukiah.com Shannon Riley, Deputy City Manager 467-5793 sriley@cityofukiah.com Craig Schlatter, Community Development Director 463-6219 cschlatter@cityofukiah.com Sean White, Director of Water Resources; 463-5712 swhite@cityofukiah.com Tim Eriksen, Public Works Director/City Engineer; 463-6280 teriksen@cityofukiah.com Cindy Sauers, Electric Utility Director; 463-629586 csauers@cityofukiah.com Dan Buffalo, Director of Finance; 463-6220 dbuffalo@cityofukiah.com
2021 Electric Rate Study	Crane/Duenas	Cindy Sauers, Electric Utility Director; 463-6286 csauers@cityofukiah.com
Housing Element and Implementation Review	Rodin/Orozco	Craig Schlatter, Community Development Director 463-6219 cschlatter@cityofukiah.com
UVSD/ City Relations <i>Ad hoc committee to address specific issues with the Ukiah Valley Sanitation District, including discussion of overall sewer system service delivery policies, operating policy revisions, potential revisions to the current Operating Agreement, and cost sharing</i>	Crane/Brown	Dan Buffalo, Director of Finance; 463-6220 dbuffalo@cityofukiah.com Sean White, Water Resources Director 463-5712 swhite@cityofukiah.com
Upper Russian River Water Agency/City Relations	Crane/Brown	Sean White, Director of Water Resources; 463-5712 swhite@cityofukiah.com
Orr Street Bridge Corridor	Rodin/Duenas	Tim Eriksen, Public Works Director/City Engineer; 463-6280 teriksen@cityofukiah.com
Complete Streets	Rodin/Crane	Tim Eriksen, Public Works Director/City Engineer; 463-6280 teriksen@cityofukiah.com Shannon Riley, Deputy City Manager 467-5793 sriley@cityofukiah.com Neil Davis, Community Services Director 467-5764 ndavis@cityofukiah.com
Cannabis Ordinance Modifications	Rodin/Duenas	Craig Schlatter, Community Development Director 463-6219 cschlatter@cityofukiah.com
Special Districts	Brown/Crane	Shannon Riley, Deputy City Manager 467-5793 sriley@cityofukiah.com
Public Financing	Rodin/Orozco	Dan Buffalo, Director of Finance; 463-6220 dbuffalo@cityofukiah.com