



**City Council
Regular Meeting
AGENDA**

(to be held both at the physical and virtual locations below)

Civic Center Council Chamber ♦ 300 Seminary Avenue ♦ Ukiah, CA 95482

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:+197199426600)# or [+12532158782](tel:+12532158782),[97199426600](tel:+197199426600)#

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

February 1, 2023 - 6:00 PM

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1. **ROLL CALL**
 2. **PLEDGE OF ALLEGIANCE**
 3. **AB 2449 NOTIFICATIONS AND CONSIDERATIONS**
 4. **PROCLAMATIONS/INTRODUCTIONS/PRESENTATIONS**

4.a. Proclamation Recognizing February 2023 as *Black History Month* in the City of Ukiah.

Recommended Action: Issue Proclamation.

Attachments:

1. Black History Month Proclamation 2023
2. Mendo Black Lives Matter Flyer 2023

5. **PETITIONS AND COMMUNICATIONS**
6. **APPROVAL OF MINUTES**

6.a. Approval of the Minutes for the January 11, 2023, Special Meeting.

Recommended Action: Approve the Minutes for the January 11, 2023, Special Meeting.

Attachments:

7. **RIGHT TO APPEAL DECISION**

Persons who are dissatisfied with a decision of the City Council may have the right to a review of that decision by a court. The City has adopted Section 1094.6 of the California Code of Civil Procedure, which generally limits to ninety days (90) the time within which the decision of the City Boards and Agencies may be judicially challenged.

8. **CONSENT CALENDAR**

The following items listed are considered routine and will be enacted by a single motion and roll call vote by the City Council. Items may be removed from the Consent Calendar upon request of a Councilmember or a citizen in which event the item will be considered at the completion of all other items on the agenda. The motion by the City Council on the Consent Calendar will approve and make findings in accordance with Administrative Staff and/or Planning Commission recommendations.

- 8.a. Report of Disbursements for the Month of December 2022.

Recommended Action: Approve the Report of Disbursements for the Month of December 2022.

Attachments:

1. December 2022 Summary of Disbursements
2. Account Codes for Reference
3. Object Codes for Reference
4. December 2022 Disbursement Detail

- 8.b. Request for Budget Amendment in the Amount of \$7,500 to Cover Unexpected Parks Department Vehicle Maintenance Costs.

Recommended Action: Approve budget amendment in the amount of \$7,500 to cover unexpected Parks Department vehicle maintenance costs.

Attachments: None

- 8.c. Approval of Plans and Specifications for the Great Redwood Trail Phase 4 Project, Specification No. 21-02, and Direct Staff to Advertise for Bids.

Recommended Action: Approve the Plans and Specifications for the Great Redwood Trail Phase 4 Project, Specification No. 21-02, and direct staff to advertise for bids.

Attachments:

1. Great Redwood Trail Phase 4 Final Plan

- 8.d. Approve Plans and Specifications for the Fish Hatchery Supply Pump Replacement Project, Specification 23-04, and Direct Staff to Advertise for Bids.

Recommended Action: Approve Plans and Specifications for Fish Hatchery Supply Pump Replacement project, Specification 23-04, and Direct Staff to Advertise for Bids.

Attachments:

1. Low Voltage Motors Fractional to 250 HP
2. Vertical Pumps
3. Mechanical Equipment Installation
4. Engineering Cost Estimate

- 8.e. Consideration of Adoption of Resolution Approving Records Destruction for the Police Department.

Recommended Action: Adopt resolution authorizing the destruction of outdated documents for the Police Department.

Attachments:

1. Resolution

- 8.f. Adoption of Resolution 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.

Recommended Action: Adopt a Resolution 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.

Attachments:

1. AB 361 Findings Reconsideration for All Legislative Bodies

- 8.g. Consideration of Adoption of Resolution to Remove Approximately 360 Lineal Feet of On-Street Parking on the North Section of Hastings Road.

Recommended Action: Adopt resolution removing approximately 360 lineal feet of on-street parking on the north section of Hastings Road.

Attachments:

1. Proposed Resolution
2. 2022-11-28 Petition

- 8.h. Notification of Emergency Purchase of all Materials and Labor for the Repair of a Sinkhole and Storm Drain on Mendocino Drive from Ghilotti Construction in the Estimated Amount of \$75,000, Approve Corresponding Budget Amendment, and Approve Additional Budget Amendment if Actuals Exceed Initial Estimated Amount.

Recommended Action: Receive notification of the emergency purchase of all repair work on a storm drain and sinkhole from Ghilotti Construction for the estimated amount of \$75,000, approve corresponding budget amendment, and approve additional budget amendments if actual exceed initial estimated amount.

Attachments:

1. GCC - Sinkhole Repair - Contract No. 2223-159

- 8.i. Consideration of Nomination and Possible Adoption of a Resolution Appointing Rob Fitzsimmons to the Public Spaces Commission.

Recommended Action: Adopt Resolution appointing Rob Fitzsimmons to the At-large City or County Resident position on the Public Spaces Commission, term to expire on February 1, 2026.

Attachments:

1. City Code Sections
2. Application
3. Nomination
4. Proposed Resolution

9. AUDIENCE COMMENTS ON NON-AGENDA ITEMS

The City Council welcomes input from the audience. If there is a matter of business on the agenda that you are interested in, you may address the Council when this matter is considered. If you wish to speak on a matter that is not on this agenda that is within the subject matter jurisdiction of the City Council, you may do so at this time. In order for everyone to be heard, please limit your comments to three (3) minutes per person and not more than ten (10) minutes per subject. The Brown Act regulations do not allow action to be taken on audience comments in which the subject is not listed on the agenda.

10. COUNCIL REPORTS

11. CITY MANAGER/CITY CLERK REPORTS

12. PUBLIC HEARINGS (6:15 PM)

- 12.a. Consider Changes to the Electric Utility Department Power Cost Surcharge Rider by Resolution.

Recommended Action: Adopt Resolution modifying the Power Cost Surcharge Rider.

Attachments:

1. Market_Conditions_Update_02012023

2. Amended Power Cost Surcharge Rider 02012023
3. Resolution Amending Power Cost Surcharge Rider

13. **UNFINISHED BUSINESS**

- 13.a. Review of Applications Received, and Possible Adoption of Resolution Making Appointments to Fill Vacancies on the City of Ukiah Planning Commission.

Recommended Action: 1) Review, possibly interview applicants, and discuss applications received; 2) make nominations; 3) adopt resolution making appointments to fill vacant seats on the Planning Commission.

Attachments:

1. Resolution 2021-52
2. Applications
3. Proposed Resolution

14. **NEW BUSINESS**

- 14.a. Annual Report on Public Spaces Commission Status and Outreach Plan.

Recommended Action: Receive report.

Attachments:

1. PSC Outreach Plan 2023dRAFT
2. 2023 Schedule DRAFT

- 14.b. 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. City Council Special Assignments

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

- 15.a. **Conference with Legal Counsel – Anticipated Litigation**

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

Significant exposure to litigation pursuant to paragraph (2) of subdivision (d) of Section 54956.9: (1 case)

- 15.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 case))

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

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

Name of case: Roofing & Solar Construction, Inc. v. City of Ukiah et al., Mendocino County Superior Court Case No. 22CV00048

- 15.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-2018-70200

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

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

Name of case: Russian River Keepers et al. v. City of Ukiah, Case No. SCUK-CVPT-20-74612

15.f. **Conference with Real Property Negotiators**

(Cal. Gov't Code Section 54956.8)

Property: APN Nos: 003-260-01, 003-500-14

Negotiator: Sage Sangiacomo, City Manager;

Negotiating Parties: Eric Crane and Francine Selim

Under Negotiation: Price & Terms of Payment

15.g. **Conference with Labor Negotiator (54957.6)**

Agency Representative: Sage Sangiacomo, City Manager

Employee Organizations: All Bargaining Units

16. 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, City Clerk

Dated: 1/27/23



AGENDA SUMMARY REPORT

SUBJECT: Proclamation Recognizing February 2023 as *Black History Month* in the City of Ukiah.

DEPARTMENT: City Manager /
Admin

PREPARED BY: Maria Ceja, Administrative Analyst

PRESENTER: Mari Rodin, City Council, Mayor

ATTACHMENTS:

1. Black History Month Proclamation 2023
2. Mendo Black Lives Matter Flyer 2023

Summary: The City Council will issue a proclamation recognizing February 2023 as *Black History Month* in the City of Ukiah.

Background: *Black History Month* is a national annual celebration observed in February of each year to recognize achievements by African Americans.

Black History Month can be traced back to 1926, and since 1976, every American president has designated February as *Black History Month* and has endorsed a specific theme. The *Black History Month* 2023 theme, "Black Resistance", focuses on noting the strength of African Americans in resisting oppression in various forms throughout history and in the present day.

Discussion: *Black History Month* reminds us to continue to fight for justice and equality. Therefore, the Ukiah City Council will issue a proclamation (Attachment 1) recognizing *Black History Month* as a uniting call for all of us to work towards a more diverse, supportive, inclusive and protective community. A flyer with local events has been attached (Attachment 2).

Recommended Action: Issue Proclamation.

BUDGET AMENDMENT REQUIRED:

CURRENT BUDGET AMOUNT:

PROPOSED BUDGET AMOUNT:

FINANCING SOURCE:

PREVIOUS CONTRACT/PURCHASE ORDER NO.:

COORDINATED WITH:

DIVERSITY-EQUITY INITIATIVES (DEI): **Goal 1** – Create and sustain a diverse, equitable, and inclusive workplace and workforce that reflects, values, and celebrates the diverse community we serve. **Goal 3** – Recruit, retain and advance a community of staff that reflects, values, and celebrates the diversity of the community we serve. **Goal 4** – Identify and actively engage underrepresented communities in which to retain, expand, develop, and implement programs.

CLIMATE INITIATIVES (CI):

Approved: 
Sage Sangiacomo, City Manager

PROCLAMATION
CITY OF UKIAH

RECOGNIZING FEBRUARY 2023 AS
“BLACK HISTORY MONTH” IN THE CITY OF UKIAH

WHEREAS, *Black History Month* is observed in February of each year and is a national annual celebration and recognition of achievements by African Americans; and

WHEREAS, *Black History Month* seeks to recognize the central role that African Americans have played in our nation’s history and to honor the many achievements and contributions African Americans have made and continue to make in our society; and

WHEREAS, *Black History Month* can be traced back to 1926 when the writer and scholar Dr. Carter G. Woodson, the “Father of Black History Month,” initiated the celebration which corresponded with the birthdays of Frederick Douglass and Abraham Lincoln, and in 1975, the celebration was expanded to include the entire month of February; and

WHEREAS, Since 1976, every American president has designated February as Black History Month and has endorsed a specific theme; and

WHEREAS, The *Black History Month 2023* theme, *Black Resistance*, specifically noting the strength of African Americans in resisting oppression of various forms throughout history and in the present day; and

WHEREAS, *Black History Month* reminds us to continue to fight for justice and equality and should be a uniting call to our nation to continue to work for a more diverse, supportive, inclusive, and protective union; and

WHEREAS, *Black History Month* celebrates the many achievements and contributions made by African Americans, including our local heroes; and

WHEREAS, we welcome the community to participate in the celebration and recognition of *Black History Month*. Information can be found on the Mendo Black Lives Matter Facebook page or by visiting <https://www.mendoblmm.com>, the Association for the Study of African American Life and History (ASALH) 2023 Virtual Black History Month Festival at <http://www.asalh.org/festival>, and the Smithsonian National Museum of African American History & Culture at <http://www.nmaahc.si.edu/events>.

NOW, THEREFORE BE IT RESOLVED that the City Council of the City of Ukiah hereby proclaims February 2023, as

Black History Month in the City of Ukiah

Signed and sealed, this 1st day of February in the year Two Thousand and Twenty-Three.

Mari Rodin
City Council, Mayor

HOSTED BY THE MENDOCINO CHAPTER OF BLACK LIVES MATTER

BLACK HISTORY MONTH EVENTS

1st Annual BLM Poetry Slam

February 17th

12-7pm

At the MEC (Mendocino Environmental Center) 106 West Standley St.

(3-5 min max pp) Cash Prize

Sign up by **Feb 10th** at mendoblmm.com or at the MEC

Youth Black History Art Contest

Prize Categories:

Group/classroom, ages 0 -7, ages 8-12, ages 13-18.

Enter by Feb 22nd

Black History Essay Contest

ADULTS 18-Up CASH Prizes

Enter by Feb 18th

FOR MORE DETAILS AND HOW TO ENTER,

VISIT WWW.MENDOBLMM.COM

CITY OF UKIAH
CITY COUNCIL MINUTES
Special Meeting
CIVIC CENTER COUNCIL CHAMBERS
300 Seminary Avenue, Ukiah, CA 95482
Virtual Meeting Link: <https://zoom.us/j/97199426600>
Ukiah, CA 95482
January 11, 2023
6:00 p.m.

1. ROLL CALL

Ukiah City Council met at a Special Meeting on January 11, 2023, having been legally noticed on January 6, 2023. The meeting was held in person and virtually at the following link: <https://zoom.us/j/97199426600>. Mayor Rodin called the meeting to order at 6:00 p.m. Roll was taken with the following **Councilmembers Present:** Juan V. Orozco, Susan Sher, Douglas, F. Crane, and Mari Rodin. **Councilmembers Absent by Prearrangement:** Josefina Dueñas. **Staff Present:** Sage Sangiacomo, City Manager; David Rapport, City Attorney; and Kristine Lawler, City Clerk.

MAYOR RODIN PRESIDING.

2. PLEDGE OF ALLEGIANCE

3. AB 2449 NOTIFICATIONS AND CONSIDERATIONS

4. PROCLAMATIONS/INTRODUCTIONS/PRESENTATIONS

a. City Council to Receive the Annual Diversity and Equity Report.

Presenters: Traci Boyl, Senior Analyst and Maria Conchita Ceja, Administrative Analyst.

Public Comment: Xochilt Morales de Martinez.

Report was received.

5. PETITIONS AND COMMUNICATIONS

City Clerk, Kristine Lawler, stated that no communications had been received.

6. APPROVAL OF MINUTES

a. Approval of the Minutes for the December 21, 2022, Regular Meeting.

Motion/Second: Crane/Sher to approve Minutes of December 21, 2022, a regular meeting, as submitted. Motion **carried** by the following roll call votes: AYES: Sher, Crane, and Rodin. NOES: None. ABSENT: Dueñas. ABSTAIN: Orozco.

7. RIGHT TO APPEAL DECISION

8. CONSENT CALENDAR

a. Approve a Budget Amendment for Solid Waste Clean-Up and Abatement Activities in the Amount of \$34,000 - *Finance*.

b. Adoption of Resolution (2023-01) Approving the City of Ukiah's Qualified Contractors List for 2023 – *City Clerk*.

- c. Adoption of Resolution (2023-02) 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 – *City Attorney*.
- d. Approval of Contract Amendment (COU No. 2122-118-A2) with GHD Inc. for Additional Design Support for the Great Redwood Trail Phase 4 Project in the Amount of \$61,958.00 – *Public Works*.
- e. Consideration of Adoption of Resolution (2023-03) Reappointing Members to the Diversity and Equity Standing Committee - *Administration*.
- f. Consideration of Award of Contract (COU No. 2223-156) for the Gobbi Street Electric Service Overhead to Underground Conversion, Specification 22-09, to James Day Construction, DBA Coastal Mountain Electric, in the Amount of \$113,271.10 – *Electric Utility*.
- g. Report to Council for the Purchase of Services (PO No. XXXXX) from SMB Environmental for Environmental Construction Inspection and Monitoring Services for the Recycled Water Project – Phase 4 at the Waste Water Treatment Plant, in the Amount of \$56,000 – *Public Works*.
- h. Approve Purchase Order Number 48215-00 in the Amount of \$48,002.52 for the Replacement of Knox Box Key Cores throughout the Ukiah Valley Fire District – *Community Development*.
- i. Approve Award of Contract (COU No. 2123-157) to the KPA Group for Phase Two Design Services for the City's Customer Service Center at 501 South State Street in the Amount of up to \$117,625 – *Administration*.

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

9. AUDIENCE COMMENTS ON NON-AGENDA ITEMS

No public comment was received.

10. COUNCIL REPORTS

Presenter: Mayor Rodin

11. CITY MANAGER/CITY CLERK REPORTS

Presenters:

- **Sewer Treatment Inflow Discussion** – Sean White, Water Resources Director.
- **Storm Response Update** – Traci Boyl, Senior Analyst
- **Administrative Services Day** – Sage Sangiacomo, City Manager
- **Petition from Hastings (east of Hwy 101) Businesses Regarding On-street Parking** – Sage Sangiacomo, City Manager

12. PUBLIC HEARINGS (6:15 PM)

13. UNFINISHED BUSINESS

14. NEW BUSINESS

a. Receive Updates; Discussion and Appointments Regarding 2023 Council Assignments; and Consideration of Disbandment and Modification to City Council Committees and Ad Hoc/Standing Committees.

Presenter: Mayor Rodin.

Staff Comment: Shannon Riley, Deputy City Manager.

Motion/Second: Crane/Orozco to appoint Councilmembers Orozco and Sher to the Fire Executive Committee. Motion **carried** by the following roll call votes: AYES: Orozco, Sher, Crane, and Rodin. NOES: None. ABSENT: Dueñas. ABSTAIN: None.

Motion/Second: Crane/Orozco to adopt the 2023 City Councilmember Special Assignment List, including ad hoc additions, modifications, and disbandments; and direct the City Clerk to finalize and attach the List to the January 11, 2023, Minutes (*attached*). Motion **carried** by the following roll call votes: AYES: Orozco, Sher, Crane, and Rodin. NOES: None. ABSENT: Dueñas. ABSTAIN: None.

THE CITY COUNCIL ADJOURNED TO CLOSED SESSION AT 8:19 P.M.

15. CLOSED SESSION

a. Conference with Legal Counsel – Anticipated Litigation

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

Significant exposure to litigation pursuant to paragraph (2) of subdivision (d) of Section 54956.9: (2 cases)

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 case)

c. Conference with Legal Counsel – Existing Litigation

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

Name of case: Roofing & Solar Construction, Inc. v. City of Ukiah et al., Mendocino County Superior Court Case No. 22CV00048

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-2018-70200

e. Conference with Legal Counsel – Existing Litigation

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

Name of case: Russian River Keepers et al. v. City of Ukiah, Case No. SCU-K-CVPT-20-74612

f. Conference with Real Property Negotiators

(Cal. Gov't Code Section 54956.8)

Property: APN Nos: 003-190-11

Negotiator: Sage Sangiacomo, City Manager

Negotiating Parties: Dave Hull

Under Negotiation: Price & Terms of Payment

g. Conference with Real Property Negotiators

(Cal. Gov't Code Section 54956.8)

Property: APN Nos: 003-260-01, 003-500-14

Negotiator: Sage Sangiacomo, City Manager;

Negotiating Parties: Eric Crane and Francine Selim

Under Negotiation: Price & Terms of Payment

h. Conference with Labor Negotiator (54957.6)

Agency Representative: Sage Sangiacomo, City Manager

Employee Organizations: All Bargaining Units

i. Public Employee Performance Evaluation

(Government Code Section 54956)

Title: City Manager

No action reported; direction provided to Staff.

15. ADJOURNMENT

There being no further business, the meeting adjourned at 9:55 p.m.

Kristine Lawler, City Clerk

2023 CITY COUNCIL SPECIAL ASSIGNMENTS

LOCAL / UKIAH VALLEY	MTG DATE/TIME	MEETING LOCATION		MAILING ADDRESS/CONTACT	COMMITTEE FUNCTION	ASSIGNED TO	PRINCIPAL STAFF SUPPORT
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	
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	Traci Boyd, City Manager's Office Management Analyst; 467-5720; tboyd@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	Rodin Duenas - Alternate	Shannon Riley, Deputy City Manager; 467-5793 sriley@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	Rodin Orozco- Alternate	Sean White, Director of Water Resources; 463-5712 swhite@cityofukiah.com	
North Coast Opportunities (NCO)	4th Wednesday of month, 2 p.m.	Alternating locations - Ukiah and Lakeport	Governing Board Chair North Coast Opportunities 413 North State Street Ukiah, CA 95482	Assist low income and disadvantaged people to become self reliant	Burgess	Jake Burgess, Community Services Supervisor; 463-6201 jburgess@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 Neil Davis - Alternate	David Burton, Museum Director; 467-2836 dburton@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 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	
MENDOCINO COUNTY	MTG DATE/TIME	MEETING	LOCATION	MAILING ADDRESS/CONTACT	COMMITTEE FUNCTION	ASSIGNED TO	PRINCIPAL STAFF SUPPORT
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 <i>(Mayor - Primary; Vice Mayor - Alternate)</i>	Mayor Rodin Vice Mayor Duenas - Alternate	Kristine Lawler, City Clerk; 463-6217 klawler@cityofukiah.com	
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	
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	Duenas	Kristine Lawler, City Clerk; 463-6217; klawler@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	Rodin 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	Rodin Duenas - 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	Duenas Sher - Alternate	Tim Eriksen, Public Works Director/City Engineer; 463-6280 teriksen@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	Liaisons: Owen/Schlatter	Greg Owen, Airport Manager; 467-2855; gowen@cityofukiah.com Craig Schlatter, Director of Community Development; 463-6219; cschlatter@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 - Desired Alternate if appointment becomes available with City Selection Committee	Craig Schlatter, Director of Community Development; 463-6219; cschlatter@cityofukiah.com	

2023 CITY COUNCIL SPECIAL ASSIGNMENTS

MENDOCINO COUNTY Continued	MTG DATE/TIME	MEETING	LOCATION	MAILING ADDRESS/CONTACT	COMMITTEE FUNCTION	ASSIGNED TO	PRINCIPAL STAFF SUPPORT
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	Crane 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	Sher Duenas - Alternate	Tim Eriksen, Public Works Director/City Engineer; 463-6280 teriksen@cityofukiah.com
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, Police Captain Duenas - Alternate	Cedric Crook, Police Captain 463-6771; ccrook@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
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
REGIONAL	MTG DATE/TIME	LOCATION		MAILING ADDRESS/CONTACT	COMMITTEE FUNCTION	ASSIGNED TO	PRINCIPAL STAFF SUPPORT
Great Redwood Trail Agency	Bi-monthly, 3rd Thursdays, 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	Rodin Duenas - Alternate	Neil Davis, Community Services Director 467-5764 ndavis@cityofukiah.com
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	Orozco Duenas -Alternate	Sage Sangiacomo, City Manager; 463-6221 ssangiacomo@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 425 South Main St., Sebastopol, CA 95472 508-3670	Consider issues related to Russian river - plans projects and funding requests	Rodin Sher - Alternate	Tim Eriksen, Public Works Director/City Engineer; 463-6280 teriksen@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
STANDING COMMITTEES	MTG DATE/TIME	LOCATION		MAILING ADDRESS/CONTACT	COMMITTEE FUNCTION	ASSIGNED TO	PRINCIPAL STAFF SUPPORT
Diversity and Equity	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; tboyl@cityofukiah.com
Fire Executive Committee	2nd Wednesdays of month, 3:45 p.m.	Ukiah Valley Conference Center, 200 S. School Street Ukiah, CA		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/Sher	Doug Hutchison, Fire Chief; 463-6263; dhutchison@cityofukiah.com

2023 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	Tim Eriksen, Public Works Director/City Engineer; 463-6280 teriksen@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	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/Orozco	Dan Buffalo, Director of Finance; 463-6220 dbuffalo@cityofukiah.com Sean White, Water Resources Director 463-5712 swhite@cityofukiah.com
Orr Street Bridge Corridor	Rodin/Sher	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
Special Districts (Water District Consolidation)	Orozco/Crane	Shannon Riley, Deputy City Manager 467-5793 sriley@cityofukiah.com
Corp Yard Planning	Crane/Orozco	Jason Benson, Senior Civil Engineer 463-6284 jbenenson@cityofukiah.com
Police Chief Recruitment	Rodin/Sher	Shannon Riley, Deputy City Manager 467-5793 sriley@cityofukiah.com
City/District Review of 2019/22 Proposed Fire Code	Crane/Orozco	Doug Hutchison, Fire Chief 463-6263 dhutchison@cityofukiah.com
Mendocino County Courthouse Project and Reuse	Sher/Orozco	Shannon Riley, Deputy City Manager 467-5793 sriley@cityofukiah.com



AGENDA SUMMARY REPORT

SUBJECT: Report of Disbursements for the Month of December 2022.

DEPARTMENT: Finance

PREPARED BY: Candice Rasmason, Accounts Payable

PRESENTER: Consent Calendar

ATTACHMENTS:

1. December 2022 Summary of Disbursements
2. Account Codes for Reference
3. Object Codes for Reference
4. December 2022 Disbursement Detail

Summary: The Council will review and consider approval of the Report of Disbursements for the month of December 2022.

Background: Payments made during the month of December 2022 are summarized in the Report of Disbursements. Further detail is supplied on the Schedule of Bills, representing the four (4) individual payment cycles within the month.

Accounts Payable Check Numbers (City & UVFA): 3050563-3050687; 3050688-3050800; 3050801-3050935; 3050936-3051016

Accounts Payable Wire Transfers: 77-79

Payroll Check Numbers: 512278-512363; 512368-512453; 512454-512537

Payroll Manual Check Numbers: 512364-512367

Direct Deposit Numbers: 115849-116165; 116166-116484; 116485-116797

Manual Direct Deposit Numbers: N/A

Void Check Numbers: 3050141, 3049140, 3050526

Void Direct Deposit Numbers: N/A

Discussion: This report is submitted in accordance with Ukiah City Code Division 1, Chapter 7, Article 1.

Attachment #1: December 2022 Summary of Disbursements

Attachment #2: Account Codes for Reference

Attachment #3: Object Codes for Reference

Attachment #4: December 2022 Disbursement Detail

Recommended Action: Approve the Report of Disbursements for the Month of December 2022.

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: N/A

Approved:


Sage Sangiacomo, City Manager

**CITY OF UKIAH
REPORT OF DISBURSEMENTS
REGISTER OF PAYROLL AND DEMAND PAYMENTS
FOR THE MONTH OF DECEMBER**

Attachment 1

FUNDS:

100	General Fund	\$320,319.34	700	Sanitary Disposal Site Fund	\$99,450.21
101	GF-(Sub-Fund) Visit Ukiah		701	Landfill Corrective Fund	
105	GF-(Sub-Fund) Fire Authority	\$230,342.82	702	Disposal Closure Reserve Fund	\$52,113.94
110	Special General Fund		704	Post Closure Fund - Solid Waste	
120	Streets Capital Improvement	\$593,366.03	710	Ambulance Services Fund	\$115,554.13
130	Gov'tl Debt SVC/Reserve Fund		720	Golf Fund	\$7,626.58
131	Debt Service Reserve 2022 LRB		730	Conference Center Fund	\$15,201.24
200	City Administrative Services	\$113,807.66	750	Visit Ukiah	
201	Worker's Comp Fund	\$3,300.48	777	Airport Fund	\$80,332.31
202	Liability Fund		778	Airport Capital Improvement Fund	\$19,075.88
203	Garage Fund	\$18,762.36	779	Special Aviation Fund	
204	Purchasing Fund	\$1,645.40	800	Electric Fund	\$1,204,804.75
205	Billing & Collections Fund	\$18,751.11	801	Electric Capital Reserve Fund	\$61,020.97
206	Public Safety Dispatch Fund	\$6,417.57	803	Lake Mendocino Bond Reserve	
207	Payroll Posting Fund	\$321,206.52	805	Street Lighting Fund	
208	Building Maintenance/Corp Yard Fund	\$31,496.53	806	Public Benefits Fund	\$77,930.00
209	IT Fund	\$149,858.42	807	Cap and Trade	
220	Equipment Reserve Fund		820	Water Fund	\$136,170.97
249	City Housing Bond Proceeds		822	Water Capital Improvement Fund	\$8,842.42
250	Special Revenue Fund		830	Recycled Water Fund	\$7,497.99
251	Special Projects Reserve Fund		840	City/District Sewer Fund	\$279,979.66
252	Streets/ROW Improvement Fund	\$2,271,418.27	841	Sewer Construction Fund	
253	CITY PROP 172	\$19,441.08	843	Sewer Capital Fund	
300	Park Development Fund		900	Special Deposit Trust	\$1,836.86
301	Anton Stadium Fund	\$0.00	901	General Service (Accts Recv)	\$374.21
302	Observatory Park Fund		902	U.S.W. Billing & Collection	\$62,224.40
304	Swimming Pool Fund	\$0.00	903	Public Safety - AB 109	\$0.00
305	Riverside Park Fund	\$0.00	905	Federal Emergency Shelter Grant	
306	Skate Park Fund	\$0.00	905	Mendocino Emergency Service Authority	
310	Museum Grants		911	Russian River Watershed Association	\$77,499.73
311	Alex Rorbaugh Recreation Center Fund	\$14,194.71	915	UVFD	\$729.27
312	Downtown Business Improvement Fund		916	UVFD PROP 172	
313	LMHF Housing Asset Fund		917	UVFD Measure B	\$18,731.86
314	Winter Special Events	\$6,167.26	918	UVFD Mitigation	\$1,361.79
315	Advanced Planning Fund	\$34,063.59	940	Sanitation District Special Fund	
316	SPECIAL RECREATION EVENTS	\$100.06	942	Rate Stabilization - UVSD Fund	
500	2106 Gas Tax Fund		943	Sanitation District Capital Improvement Fund	
501	2107 Gas Tax Fund		952	REDIP Sewer Enterprise Fund	
503	2105 Gas Tax Fund		960	Community Redevelopment Agency	
505	Signalization Fund		961	RDA Housing Pass-Through	
506	Bridge Fund		962	Redevelopment Housing Fund	
507	1998 STIP Augmentation Fund		963	Housing Debt	
508	SB325 Reimbursement Fund		964	RDA Capital Pass-Through	
509	S.T.P. Fund	\$354.07	965	Redevelopment Capital Improvement Fund	
510	Trans-Traffic Congest Relief Fund		966	Redevelopment Debt Service	
511	Rail Trail Fund	\$321.99	967	Housing Bond Proceeds	
600	Community Development Block Grant		968	Non-Housing Bond Proceeds	
601	EDBG 94-333 Revolving Loan		969	RDA Obligation Retirement Fund	\$733,682.58
602	Community Development Fund		844/944	Sewer Capital Projects Fund	\$9,369.42
603	08-HOME-4688				
604	CDBG Grant 09-STBG-6417				
605	11-HOME-7654 Fund	\$0.00			
606	CDBG Grant 10-EDEF-7261				
607	Prop 84 Grant Fund				
609	13-CDBG-8940				
610	City RDA Projects Fund				
613	Home Program Activities				
620	CASP Train				
630	Asset Seizure Fund	\$440.00			
631	Asset Seizure Fund (Drug/Alcohol)				
633	H & S Education 11489(B)(2)(A1)				
634	Federal Asset Seizure Grants				
635	SUP Law Enforcement Service Fund				
636	CBTHP Officer				
637	Local Law Enforcement Block Grant				
638	Asset Forfeiture 11470.2 H & S				
639	Special Revenue - Police				
640	Parking District Fund	\$567.95			
670	Federal American Rescue Fund				
691	Museum Fund				
695	Transfer Station Fund				
696	Solid Waste Mitigation Fund	\$13,994.80			

PAYROLL CHECK NUMBERS: 512278-512363
DIRECT DEPOSIT NUMBERS: 115849-116165
PAYROLL PERIOD: 11/13/22-11/26/22
PAYROLL CHECK NUMBERS: 512368-512453
DIRECT DEPOSIT NUMBERS: 116166-116484
PAYROLL PERIOD: 11/27/22-12/10/22
PAYROLL CHECK NUMBERS: 512454-512537
DIRECT DEPOST NUMBERS: 116485-116797
PAYROLL PERIOD: 12/11/22-12/24/22

VOID CHECK NUMBERS:
3050141, 3049140, 3050526
MANUAL CHECK NUMBERS:
512364-512367
WIRE TRANSFER NUMBERS:
77-79

CERTIFICATION OF CITY CLERK

This register of Payroll and Demand Payments was duly approved by the City Council on _____.

City Clerk

APPROVAL OF CITY MANAGER

I have examined this Register and approve same.

CERTIFICATION OF DIRECTOR OF FINANCE

I have audited this Register and approve for accuracy and available funds.

TOTAL DEMAND PAYMENTS- A/P CHECKS \$7,427,489.40
TOTAL DEMAND PAYMENTS- EFT's \$0.00
TOTAL PAYROLL CHECKS & DIRECT DEPOSITS \$1,300,044.65
TOTAL PAYROLL EFT's (TAXES, PERS, VENDORS) \$719,386.15
* vendor name(if applicable)

TOTAL PAYMENTS \$9,446,920.20

Account Code Summary

Attachment 2

10000000	GENERAL FUND	20012300	COMMUNITY OUTREACH/PUBLIC INFO
10017200	SUCCESSOR AGENCY	20012500	CITY CLERK
10020000	POLICE - GEN FUND	20012600	ECONOMIC DEVELOPMENT
10020210	POLICE PATROL	20012800	EMERGENCY MANAGEMENT
10020214	POLICE VOLUNTEERS	20013210	ACCOUNTS PAYABLE
10020216	COPS GRANT	20013220	PAYROLL
10020217	POLICE ANIMAL CONTROL	20013400	ACCOUNTING
10020218	POLICE CSO	20013401	BUDGET MANAGEMENT
10020220	CODE ENFORCEMENT	20014000	CITY ATTORNEY
10020224	MAJOR CRIMES TASK FORCE	20015100	CITY TREASURER
10021210	CITY FIRE	20016100	HUMAN RESOURCES
10022100	PARKS	20023510	HOUSING GRANTS
10022300	AQUATICS	20023520	NON-HOUSING GRANTS
10022700	MUSEUM - GEN FUND	20100000	WORKER'S COMP FUND
10022810	RECREATION ADMINISTRATION	20116220	WORKERS COMPENSATION
10022821	ADULT BASKETBALL	20200000	LIABILITY FUND
10022822	ADULT SOFTBALL	20216200	RISK MANAGEMENT
10022824	CO-ED VOLLEYBALL	20300000	GARAGE FUND
10022831	YOUTH BASKETBALL	20324100	GARAGE
10022832	YOUTH SOFTBALL	20324110	FLEET MAINTENANCE
10022840	DAY CAMP	20400000	PURCHASING FUND
10022850	CLASSES & CLINICS	20413500	PURCHASING
10022860	SPECIAL ACTIVITIES	20413510	CAPITAL ASSET MANAGEMENT
10022900	COMM SVCS SPECIAL SERVICES	20413520	GRANTS AND SPECIAL PROJECTS
10023100	PLANNING SERVICES	20414000	LEGAL SERVICES/EXPENSES
10023110	CURRENT PLANNING	20500000	BILLING AND COLLECTION FUND
10023300	BUILDING INSPECTION	20513300	UTILITY BILLING
10023320	BUILDING INSPECTION	20513380	METERING-ELECTRIC
10023411	CDBG GENERAL ADMIN	20513382	METERING-WATER
10024200	ENGINEERING/STREETS	20600000	PUBLIC SAFETY DISPATCH FUND
10024210	ENGINEERING	20620231	POLICE UKIAH DISPATCH
10024214	TRAFFIC SIGNAL OPERATIONS	20620232	POLICE FT BRAGG DISPATCH
10024224	STORM WATER	20700000	PAYROLL POSTING FUND
10024310	CORP YARD MAINTENANCE	20800000	BUILDING & MAINTENANCE
10024620	STREETS	20822500	BUILDING & MAINTENANCE
10100000	GF- (SUB-FUND) VISIT UKIAH	20824300	BLDG MAINT CORP YARD
10112700	GF-(SUB-FUND) VISIT UKIAH	20900000	IT FUND
10500000	MEASURE S GENERAL FUND	20913900	INFORMATION TECHNOLOGY
10521210	FIRE AUTHORITY	22000000	FIXED ASSET FUND
12000000	STREET REHABILITATION	25100000	SPECIAL PROJECTS RESERVE FUND
12024200	PUBLIC WORKS ENGINEERING	25200000	STREETS/ROW IMPROVEMENT FUND
13000000	GOV'TL DEBT SVC/RESERVE FUND	25224220	STREETS/ROW IMPROVEMENT FUND
13100000	DEBT SERVICE RESERVE 2022 LRB	25300000	PROP 172 FUND
20000000	CITY ADMINISTRATIVE SERVICES	25321210	CITY FIRE
20010000	CITY COUNCIL	30000000	PARK DEVELOPMENT FEES FUND
20012100	CITY MANAGER	30022200	PARK DEVELOPMENT
20012200	ADMINISTRATIVE SUPPORT	30100000	ANTON STADIUM FUND

Account Code Summary

Attachment 2

30200000	OBSERVATORY PARK FUND	63500000	SUP.LAW ENFORCE.SVC.FD(SLESF)
30300000	PLAYGROUND & PARK AMENITIES FU	63520210	SLESF
30322230	PLAYGROUND AND PARK AMENITIES	63600000	CBTHP OFFICER
30400000	SWIMMING POOL FUND	63620210	CBTHP OFFICER
30522250	RIVERSIDE PARK	63800000	ASSET FORFEITURE 11470.2 H&S F
30600000	SKATE PARK FUND	63820210	ASSET FORFEITURE 11470 EXPENDI
30700000	SOFTBALL COMPLEX FUND	63900000	SPECIAL REVENUE POLICE
31100000	ARRC GENERAL OPERATING FUND	64000000	PKG. DIST. #1 OPER & MAINT FUN
31122000	ARRC	64012600	ECONOMIC DEVELOPMENT
31200000	DOWNTOWN BUSINESS IMPROVEMENT	64020213	POLICE PARKING ENFORCEMENT
31212600	ECONOMIC DEVELOPMENT	67000000	FEDERAL AMERICAN RESCUE FUNDS
31300000	LMIHF HOUSING ASSET FUND	69500000	TRANSFER STATION
31323400	HOUSING	69624000	SOLID WASTE MITIGATION FUND
31323431	LMI GENERAL ADMIN	70000000	SANITARY DISPOSAL SITE FUND
31500000	ADVANCED PLANNING FUND	70024500	LANDFILL 700
31523100	COMMUNITY PLANNING	70124500	LANDFILL CORRECTIVE
31600000	SPECIAL RECREATION EVENTS	70200000	DISPOSAL CLOSURE RESERVE FUND
31622861	SPECIAL RECREATION EVENTS	70224500	LANDFILL CLOSURE
50000000	GAS TAX FUND	70400000	POST CLOSURE FUND-SOLID WASTE
50024214	TRAFFIC SIGNAL OPERATIONS	71000000	AMBULANCE SERVICES FUND
50500000	SIGNALIZATION FUND	71021100	AMBULANCE SERVICES
50800000	SB325 REIMBURSEMENT FUND	72000000	GOLF FUND
50824210	SB325 ENGINEERING	72022400	GOLF
50900000	S.T.P.	73000000	CONFERENCE CENTER FUND
50924210	STP ENGINEERING	73022600	CONFERENCE CENTER
51100000	RAIL TRAIL FUND	77700000	AIRPORT FUND
51124210	Rail Trail	77714000	CITY ATTORNEY
60000000	COMM. DEVELOPMT. BLOCK GRANT F	77725200	AIRPORT OPERATIONS
60023411	CDBG GENERAL ADMIN	77800000	AIRPORT CAPITAL IMPROVEMENT FU
60023412	CDBG ACTIVITY DELIVERY	77825200	AIRPORT CAPITAL
61100000	CDBG 16-CDBG-11147	77900000	SPECIAL AVIATION FUND
61112600	CDBG ECONOMIC DEVELOPMENT	77925200	AIRPORT SPECIAL
61123410	16-CDBG-11147	80000000	ELECTRIC FUND
61123411	CDBG GENERAL ADMIN	80014000	CITY ATTORNEY
61200000	FUND 612 UNASSIGNED	80026110	ELECTRIC OVERHEAD
61223400	HOME CDD HOUSING	80026120	ELECTRIC UNDERGROUND
61223422	HOME ACTIVITY DELIVERY	80026200	TELEMETRY & CALIBRATION
61323400	HOME HOUSING ACTIVITIES	80026210	SUBSTATION
61323421	HOME GENERAL ADMIN	80026220	HYDROELECTRIC PLANT
62000000	CASP CERTIF & TRAINING	80026400	ELECTRIC ADMINISTRATION
62023320	CASP CERTIF & TRAINING	80026440	POWER PURCHASES
63000000	ASSET SEIZURE FUND	80100000	ELECTRIC CAPITAL RESERVE FUND
63020210	ASSET SEIZURE EXPENDITURE	80126100	ELECTRIC CIP
63300000	H&S EDUCATION 11489(B)(2)(A1)	80126220	HYDROELECTRIC PLANT
63320210	H&S ASSET SEIZURE EXPENDITURE	80500000	STREET LIGHTING FUND
63400000	FEDERAL ASSET SEIZURE GRANTS F	80526150	STREET LIGHTING
63420250	FED ASSET SEIZURE EXPENDITURE	80600000	PUBLIC BENEFITS CHARGES FUND

80626450	PUBLIC BENEFITS
80700000	ELECTRIC CAP AND TRADE FUND
80800000	ELECTRIC LOW CARBON FUEL STDS
80826100	ELECTRIC LOW CARBON FUEL STDS
82000000	WATER FUND
82027110	WATER
82027111	PROD OPERATIONS & MAINTENANCE
82027114	DISTRIB OPERATIONS & MAINT
82100000	WATER CAPITAL RESERVE FUND
82200000	WATER CONNECTION FEE FUND
82227113	WATER DISTRIBUTION CAPITAL
83000000	RECYCLED WATER
83027330	RECYCLED WATER
84000000	CITY/DIST. SEWER OPERATING FUN
84027220	WASTE WATER
84027221	CITY WASTE O & M
84027225	WASTE TREATMENT O & M
84100000	SEWER BOND DEBT SERVICE FUND
84127226	WASTEWATER TREATMENT CAPITAL
84200000	RATE STABILIZATION-CITY FUND
84300000	CONNECTION FEE SEWER FUND (CAP
84400000	CITY SEWER CAPITAL PROJECTS FU
84427221	CITY WASTEWATER O&M 844
84427222	CITY WASTE CAPITAL
90000000	SPECIAL DEPOSIT TRUST FUND
91500000	UKIAH VALLEY FIRE DEPARTMENT
91521400	UVFD FIRE ADMINISTRATION
91600000	UVFD PROP 172
91621400	UVFD PROP 172
91700000	UVFD MEASURE B UNASSIGNED
91721400	UVFD FIRE
91800000	UVFD MITIGATION FEES
91821400	UVFD MITIGATION
96900000	REDEVELOPMENT OBLIGATION RETIR
96917200	SUCCESSOR AGENCY
96995669	969 - RDA OBLIGATION RETIREMEN

Object Code Summary

Attachment 3

51211	PERS UNFUNDED LIABILITY	54101	POSTAGE
51220	INSURANCE	54102	SMALL TOOLS
51230	WORKERS COMP	54103	LAB SUPPLIES
51240	MEDICARE	54106	SPECIALTY SUPPLIES
51260	FICA	54107	EMS SUPPLIES
51270	UNIFORM ALLOWANCE	54120	PW - SPECIAL SUPPLIES
51290	CELL PHONE STIPEND	54121	PW - ASPHALT CONCRETE
52100	CONTRACTUAL SERVICES	54122	PW - AGGREGATE BASE
52110	AMBULANCE BILLING	54124	PW - CONCRETE/SUPPLIES
52111	DEFIBRILLATOR MAINTENANCE	54125	PW - TRAFFIC PAINT
52112	M. S. OVERSIGHT	54126	PW-PREMARKS
52113	PLANNING STUDIES	54127	PW - SIGN POSTS/SHEETING
52114	COMPLIANCE STUDIES	54128	PW - COLD PATCH MATERIAL
52130	EDUCATIONAL & MARKETING MATL'S	54129	PW - TACK OIL
52131	ASSISTANCE TO SENIORS	54130	PW - SAFETY
52133	MONTHLY DISCOUNT PROGRAM	54131	PW - BARRICADES & CONES
52134	GENERAL ADMIN	54161	BACKGROUND & PHYSICALS
52135	ENERGY CONSERVATION PROGRAM	54162	ADVERTISING
52137	PUBLIC BENEFITS PROGRAM MGMT	54163	INTERVIEW SUPPLIES
52139	RESEARCH DEVELOPMENT & DEMO	54165	NEW EMPLOYEE FINGERPRINT
52150	LEGAL SERVICES/EXPENSES	54166	DOT TESTING PROGRAM
52151	EMPLOYEE BENEFIT ADMIN FEES	54167	EMPLOYEE DEVELOPMENT
52155	ACTIVITY DELIVERY	54169	LIVESCAN
52180	SECURITY SERVICES	54201	PRISONER EXPENSE
52181	VOLUNTEER EXPENSES	54202	MAJOR CRIME INVESTIGATIONS
52301	PROPERTY TAX ADMIN FEE	54203	RECRUITMENT
52304	LAFCO FEES AND PROP TAX EXP	54320	SOFTWARE
52500	TRUSTEE FEES	54330	COMPUTER AND TECHNOLOGY
52510	ADVERTISING & PROMOTION	54500	EQUIP RENTS AND LEASES
52515	ADVERTISING & PUBLICATION	54700	FINES & PENALTIES
52521	LIABILITY INSURANCE PREMIUM	55100	TELEPHONE
52522	LIABILITY & PROPERTY DEDUCT	55200	PG&E
52524	PROPERTY INSURANCE PREMIUM	55210	UTILITIES
52525	WORKER'S COMP. EXPENSE	56100	VEHICLE & EQUIPMENT MAINT. & R
52526	REMIF ASSESSMENT PAYMENTS	56112	EQUIPMENT PARTS FOR RESALE
52527	A.D.P. PREMIUM & DEDUCTIBLE	56120	EQUIPMENT MAINTENANCE & REPAIR
52528	LIABILITY INSURANCE	56125	LAB EQUIP-REPAIR & MAINT.
52529	EARTHQUAKE & FLOOD (DIC)	56130	EXTERNAL SERVICES
52532	SAFETY & TRAINING SUPPORT	56210	FUEL & FLUIDS
52533	UVFA RETIREE HEALTH INS	56300	BUILDING MAINT. & REPAIR
52600	RENT	56410	EQUIPMENT RENTAL - PRIVATE
52601	DATA STORAGE & CONNECTIVITY	56504	FACILITY MAINTENANCE & REPAIR
52602	RENTAL OF CITY PROPERTY	56600	AIRFIELD MAINTENANCE & REPAIR
52841	SUCCESSOR AGENCY ADMIN	57100	LEARNING AND DEVELOPMENT
53000	LAWSUIT SETTLEMENT	57101	CONF & TRAINING-AQUATICS
54100	SUPPLIES	57300	MEMBERSHIPS & SUBSCRIPTIONS

58101 NCPA PLANT GENERATION
58102 NCPA POWER PURCHASES
58103 NCPA TRANSMISSION
58104 NCPA MANAGEMENT SERVICES
58105 NCPA THIRD PARTY SALES
58202 CHEMICALS
58401 AVIATION FUEL
58410 GARAGE LUBRICANTS & PARTS
58510 REIMBURSABLE JOBS
59100 PROPERTY TAXES PAID
59101 FEES
59102 FRANCHISE FEES
59105 CONTRIBUTIONS TO OTHER AGENCY
59106 SENIOR TRASH SUBSIDY
59108 BANK FEES
59400 OTHER EXPENSES
59500 LOANS ISSUED
59502 SCHOLARSHIPS
61200 PURCHASING ALLOCATION
61300 BILLING & COLLECTION ALLOCATIO
61410 RENT ALLOCATION
61420 BUILDING MAINTENANCE ALLOCATIO
61422 IT ALLOCATION
61430 CORP YARD ALLOCATION
61500 INSURANCE ALLOCATION
61600 GARAGE ALLOCATION
61700 DISPATCH
62100 ADMIN & OVERHEAD ALLOCATION
63000 INTERFUND SERVICES USED
70101 LOAN PAYMENTS MADE
70102 BOND INTEREST EXPENSE
70103 LOAN INTEREST
70201 LOAN PRINCIPAL PAYMENTS
70202 BOND PRINCIPAL PAYMENTS
74500 CAPITAL LEASE PRINCIPAL
74501 CAPITAL LEASE INTEREST
80100 MACHINERY & EQUIPMENT
80210 LAND ACQUISITION
80220 BUILDING IMPROVEMENTS
80230 INFRASTRUCTURE
90100 LOAN PROCEEDS
90101 LOAN PAYMENT RECEIVED

List of Checks Presented for Approval on 12/2/2022

The following list of bills payable was reviewed and approved for payment.

Signature

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
ADVANCED SECURITY SYSTEMS	621348	SECURITY MONITORING - TALMAGE	\$25.75	10521210-52180	SECURITY SERVICES	\$25.75
Vendor Total:						\$25.75
ALEXANDER DE GRASSI	DV120122	PLANNING COMMISSION STIPEND	\$700.00	20010010-51121	PLANNING COMMISSION STIPENDS	\$700.00
Vendor Total:						\$700.00
ALL-GUARD ALARM SYSTEMS INC	A387236	MONTHLY MONITORING AT WWTP	\$93.44	84027225-52100	CONTRACTUAL SERVICES	\$93.44
Vendor Total:						\$93.44
ALPHA ANALYTICAL LABORATORIES INC	2103646-UKIAH	MISC. LABORATORY WORK AS NEEDED	\$130.00	82027111-52100	CONTRACTUAL SERVICES	\$130.00
	2105899-UKIAH	ANALYZE WATER SAMPLES FROM WTP	\$640.00	82027111-52100	CONTRACTUAL SERVICES	\$640.00
Vendor Total:						\$770.00
AMAZON CAPITAL SERVICES, INC	1VQ6-K3X3-MD7R	VEHICLE INSPECTION REPORT	\$412.36	20324100-56112	EQUIPMENT PARTS FOR RESALE	\$412.36
	1PGM-W4VD-9JRQ	BRACKET FOR LIGHT	\$8.72	10521210-56130	EXTERNAL SERVICES	\$8.72
	11ND-VDLT-7FMN	TRAILER LIGHT KIT	\$33.74	10521210-56130	EXTERNAL SERVICES	\$33.74
	193D-X3RN-3L9D	TEST LEAD SETS, FLUKE DIGITAL MULTIMETER	\$725.46	20824300-54102	SMALL TOOLS	\$725.46
	1PYY-T1P6-7TCP	WHITE OUT, STICKEY NOTES, SCREEN WIPES, DESK SPRAY	\$51.49	10020210-54100	SUPPLIES	\$51.49
	1XQP-4MY6-DDNY	3V BATTERIES	\$83.50	10020210-54100	SUPPLIES	\$83.50
	1KQN-RTX6-61V6	GUN SAFES	\$215.58	10020210-54100	SUPPLIES	\$215.58
	1NFT-H3QH-DPTD	REC SUPPLIES	\$59.11	10022810-54100	SUPPLIES	\$59.11
	1NDH-XYDX-3DQ9	KLEIN TOOLS THERMOMETER	\$68.56	10024210-54100	SUPPLIES	\$68.56
	1J3D-JYDT-C4RT	STANDING L SHAPED DESK	\$528.46	20012200-54100	SUPPLIES	\$528.46
	1QQL-4L9N-H796	BAGLESS VACUUM	\$115.89	73022600-54100	SUPPLIES	\$115.89
	1TKM-77DL-XTPP	EMERGENCY EXIT LIGHTS	\$174.36	73022600-54100	SUPPLIES	\$174.36
	1TPT-RCF7-WRQH	WOOD BASE FOR AWARDS, LED BULBS, EXTENSION CORD	\$62.42	77725200-54100	SUPPLIES	\$62.42

List of Checks Presented for Approval on 12/2/2022

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
AMAZON CAPITAL SERVICES, INC	1CKN-4R6K-CMWL	LABLES, WIRLESS MOUSE, POLO SHIRTS,	\$457.38	77725200-54100	SUPPLIES	\$457.38
	1H63-M96N-RXNC	CHRISTMAS LIGHT ROPES	\$370.00	80026120-54100	SUPPLIES	\$370.00
	19PL-3XHX-Q9HN	DURAFIT SEAT COVERS	\$136.42	82027111-54100	SUPPLIES	\$136.42
	1RRV-HTQW-67P6	DEWALT BATTERIES	\$730.76	84027221-54100	SUPPLIES	\$730.76
	Vendor Total:					\$4,234.21
AT&T	000019071344	FIBER INTERNET	\$1,613.88	20913900-52601	DATA STORAGE & CONNECTIVITY	\$1,613.88
	000019016053	TELEPHONE SERVICES	\$16.55	10521210-55100	TELEPHONE	\$16.55
	000019016052	TELEPHONE SERVICES	\$24.01	10521210-55100	TELEPHONE	\$24.01
	000019033108	T1 TO INTERNET	\$582.47	20913900-55100	TELEPHONE	\$582.47
	000019033505	TELEPHONE SERVICES	\$4,940.52	20913900-55100	TELEPHONE	\$4,940.52
Vendor Total:					\$7,177.43	
AT&T MOBILITY	832118877X111422	DATA & VOICE CELL PHONES	\$334.05	10020210-55100	TELEPHONE	\$129.69
				20620231-55100	TELEPHONE	\$14.99
				77725200-55100	TELEPHONE	\$57.94
				80026400-55100	TELEPHONE	\$86.46
				82027110-55100	TELEPHONE	\$14.99
				84027221-55100	TELEPHONE	\$29.98
	832056361X111422	APN MODEMS	\$648.36	10020210-55100	TELEPHONE	\$648.36
	875108535X111422	VOICE & DATA CELL PHONES	\$226.06	10022100-55100	TELEPHONE	\$86.46
				20012800-55100	TELEPHONE	\$58.88
				20913900-55100	TELEPHONE	\$43.23
				84027221-55100	TELEPHONE	\$37.49
	287303138700X111022	FIRE CELL PHONES, IPAD, PHONE	\$1,370.53	10521210-55100	TELEPHONE	\$1,370.53
	Vendor Total:					\$2,579.00
AXON ENTERPRISE INC	INUS113492	ONE PATROL CAR CAMERA SYSTEM -	\$1,685.39	10020210-54100	SUPPLIES	\$1,685.39
Vendor Total:					\$1,685.39	
BADGER METER INC	1539736	BMI PART # 101-2125	\$4,448.83	82027111-56120	EQUIPMENT MAINTENANCE & REPAIR	\$4,448.83
Vendor Total:					\$4,448.83	

List of Checks Presented for Approval on 12/2/2022

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
BOUND TREE MEDICAL LLC	84747146	TRANSPORT HANDLES, EMERGENCY BLANKET, TOURNIQUET	\$459.61	71021100-54107	EMS SUPPLIES	\$459.61
					Vendor Total:	\$459.61
CA ASSOCIATION FOR LOCAL ECONOMIC DEVELOPMENT	300004232	MEMBERSHIP RENEWAL - S SANGIACOMO	\$350.00	20012600-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$350.00
					Vendor Total:	\$350.00
CA PEACE OFFICERS ASSOC	343590	ANNUAL MEMBERSHIP	\$1,350.00	10020210-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$1,350.00
					Vendor Total:	\$1,350.00
CHRISTOPHER PARDINI	TR 11/2-3/22	TRAVEL REIMBURSEMENT	\$36.00	10020210-57100	LEARNING AND DEVELOPMENT	\$36.00
					Vendor Total:	\$36.00
CITIBANK N.A.	0012832G	COSTCO CREDIT CARD-PROCUREMENT	\$22.78	20016100-54167	EMPLOYEE DEVELOPMENT	\$22.78
					Vendor Total:	\$22.78
COASTLAND CIVIL ENGINEERING INC	54968	2022 MAIN STREET UTILITY DESIGN	\$15,024.63	25224220-80230	INFRASTRUCTURE	\$15,024.63
					Vendor Total:	\$15,024.63
COFFEE CRITIC INC, THE	R29903	MISC. COFFEE SUPPLIES AS NEEDED	\$100.00	20012200-54100	SUPPLIES	\$100.00
					Vendor Total:	\$100.00
COMCAST	0472 OCT 22	INTERNET SERVICES	\$163.79	20913900-55100	TELEPHONE	\$163.79
	0472 NOV 22	INTERNET SERVICES	\$173.79	20913900-55100	TELEPHONE	\$173.79
	1296 NOV 22	INTERNET SERVICES	\$180.15	20913900-55100	TELEPHONE	\$180.15
	4635 NOV 22	INTERNET SERVICES	\$250.62	20913900-55100	TELEPHONE	\$250.62
	9780 NOV 22	INTERNET SERVICES	\$162.61	73022600-55100	TELEPHONE	\$162.61
					Vendor Total:	\$930.96
COMPUTER OPTIONS INC	INV02501	DISASTER RECOVERY - \$28,000-\$3	\$450.00	20913900-52100	CONTRACTUAL SERVICES	\$450.00
					Vendor Total:	\$450.00
CUMMINS INC	Y7-5082	UPDATE ECM AND INSPECT TRUCK	\$213.71	80026110-56130	EXTERNAL SERVICES	\$213.71
					Vendor Total:	\$213.71
D&J INVESTMENTS LLC	005	DOWN PAYMENT FOR UTILITY INSTA	\$50,843.66	10022100-80210	LAND ACQUISITION	\$50,843.66
					Vendor Total:	\$50,843.66

List of Checks Presented for Approval on 12/2/2022

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
DARLENE R SIMPSON	10848	SCARIFY AND CROSS SCARIFY PERC	\$14,668.00	84027225-52100	CONTRACTUAL SERVICES	\$14,668.00
					Vendor Total:	\$14,668.00
DAVID A WHITE JR	2031	REAR, FRONT DOORS, PAINT, LABOR	\$880.00	10020210-56130	EXTERNAL SERVICES	\$880.00
	20336	PARTS, LABOR, PAINT	\$4,941.35	10024210-56130	EXTERNAL SERVICES	\$4,941.35
					Vendor Total:	\$5,821.35
DC ELECTRIC GROUP INC	441111	TRAFFIC SIGNAL REPAIRS - OCT 22	\$1,211.14	10024214-52100	CONTRACTUAL SERVICES	\$1,211.14
					Vendor Total:	\$1,211.14
DENNIS R CELONI	3102	VERTICAL TUBE KIT	\$74.84	83027330-54102	SMALL TOOLS	\$74.84
	3105	BLEED OFF VALVE ASSEMBLY	\$80.29	83027330-54102	SMALL TOOLS	\$80.29
					Vendor Total:	\$155.13
DEPARTMENT OF JUSTICE	615517	CHEM/TEST & CLETS-CRIMINAL INV	\$721.00	10022900-54169	LIVESCAN	\$209.00
				20016100-54165	NEW EMPLOYEE FINGERPRINT	\$128.00
				10022840-54100	SUPPLIES	\$384.00
					Vendor Total:	\$721.00
DONALD PHILLIPS HILL JR	DEC 22	PARKS DEPT. OFFICE LEASE - 185	\$1,492.00	10022100-52600	RENT	\$1,492.00
					Vendor Total:	\$1,492.00
DOUGLAS ERIC JOHNSON	DV120122	PLANNING COMMISSION STIPEND	\$700.00	20010010-51121	PLANNING COMMISSION STIPENDS	\$700.00
					Vendor Total:	\$700.00
E SOURCE COMPANIES LLC	10427	2021 WATER AUDIT VALIDATION	\$2,500.00	82027111-52100	CONTRACTUAL SERVICES	\$2,500.00
					Vendor Total:	\$2,500.00
ELIZABETH HAVRILLA	6252	ANNUAL HOLIDAY PARTY - SUPPLIES	\$1,240.70	20016100-54167	EMPLOYEE DEVELOPMENT	\$1,240.70
					Vendor Total:	\$1,240.70
ENTENMANN-ROVIN CO	0169426-IN	BADGES - FIRE	\$388.32	10521210-54106	SPECIALTY SUPPLIES	\$388.32
					Vendor Total:	\$388.32
EUREKA OXYGEN CO	U 195324	GLOVES, TIP CUTTING	\$180.65	82027114-54100	SUPPLIES	\$180.65
					Vendor Total:	\$180.65
EVIDENT INC	205544A	KNIFE BOXES	\$175.79	90000000-20210	BASIC TAX 7.5%	(\$15.61)
				10020210-54201	PRISONER EXPENSE	\$15.61
				10020210-54201	PRISONER EXPENSE	\$175.79
					Vendor Total:	\$175.79

List of Checks Presented for Approval on 12/2/2022

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
FASTENAL	CAUKA46880	5/32" SECURITYINSRTBIT	\$62.88	10024620-54120	PW - SPECIAL SUPPLIES	\$62.88
					Vendor Total:	\$62.88
FEDERAL EXPRESS	7-943-35170	SHIPPING SERVICES	\$150.92	20013210-54101	POSTAGE	\$115.78
				20413500-54101	POSTAGE	\$35.14
					Vendor Total:	\$150.92
FERGUSON US HOLDINGS INC	1756777	RUBBER METER GASKETS	\$65.33	82027114-54100	SUPPLIES	\$65.33
	1746680	OS&Y STEM & BOTTOM NUT F/2640 HYD	\$437.37	82027114-54100	SUPPLIES	\$437.37
					Vendor Total:	\$502.70
FILETRAIL INC	2022-1220	HOSTED FILE MANAGMENT SYSTEM	\$646.85	20012500-54320	SOFTWARE	\$646.85
					Vendor Total:	\$646.85
FUJUN BERNIE	120922 1	DJ SERVICES - ANNUAL HOLIDAY PARTY	\$700.00	20016100-54167	EMPLOYEE DEVELOPMENT	\$700.00
	120322	SOUND & DJ SERVICES - UKIAH PARADE OF LIGHTS	\$250.00	90000000-23256	SPECIAL EVENTS TRUST	\$250.00
					Vendor Total:	\$950.00
GENERAL PACIFIC INC	1449497	(C-859) CONDUCTOR, 600V, UG AL	\$777.37	80000000-12104	INVENTORY - PURCHASES	\$777.37
					Vendor Total:	\$777.37
GHD INC	380-0022462	DOWNTOWN STREETSCAPE - UNDERGR	\$2,295.00	12024200-80230	INFRASTRUCTURE	\$2,175.85
				50924200-80230	INFRASTRUCTURE	\$119.15
					Vendor Total:	\$2,295.00
GHILOTTI CONSTRUCTION COMPANY INC	6038*02	CLARA AVENUE RECONSTRUCTION PR	\$627,647.00	25224220-80230	INFRASTRUCTURE	\$627,647.00
	6019*06	DORA STREET UTILITY IMP PROJEC	\$1,276,553.85	25224220-80230	INFRASTRUCTURE	\$1,276,553.85
					Vendor Total:	\$1,904,200.85
GOLDEN GATE BRIDGE TOLL	1712282369002	BRIDGE TOLL FEE	\$7.00	10020210-57100	LEARNING AND DEVELOPMENT	\$7.00
	1712278771866	BRIDGE TOLL FEE	\$7.00	20016100-57100	LEARNING AND DEVELOPMENT	\$7.00
					Vendor Total:	\$14.00
GRAINGER INC	9507162908	MERCURY SPILL KIT, DISPENSING SYRINGE	\$442.35	90000000-20210	BASIC TAX 7.5%	(\$4.09)
				84027225-54103	LAB SUPPLIES	\$4.09

List of Checks Presented for Approval on 12/2/2022

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
GRAINGER INC	9507162908	MERCURY SPILL KIT, DISPENSING SYRINGE	\$442.35	84027225-54103	LAB SUPPLIES	\$442.35
					Vendor Total:	\$442.35
GRANITE CONSTRUCTION COMPANY	2371904	MISC. ROCK AND ROAD PATCH MATE	\$3,048.50	10024620-54128	PW - COLD PATCH MATERIAL	\$1,547.12
				84027221-54100	SUPPLIES	\$1,501.38
					Vendor Total:	\$3,048.50
HERC RENTALS INC	33272919-001	FORKLIFT CERTIFICATION TRAINING	\$2,000.00	10022810-57100	LEARNING AND DEVELOPMENT	\$400.00
				20413500-57100	LEARNING AND DEVELOPMENT	\$400.00
				80026110-57100	LEARNING AND DEVELOPMENT	\$200.00
				82027111-57100	LEARNING AND DEVELOPMENT	\$200.00
				84027225-57100	LEARNING AND DEVELOPMENT	\$800.00
					Vendor Total:	\$2,000.00
IDEXX DISTRIBUTION INC	3117662012	150 ML BOTTLES, COLILERT	\$1,278.16	84027225-54103	LAB SUPPLIES	\$1,278.16
					Vendor Total:	\$1,278.16
INFOSEND INC	221109	UB PRINT & MAIL SERVICES	\$4,575.07	20513300-52100	CONTRACTUAL SERVICES	\$4,575.07
	223850	UB PRINT & MAIL SERVICES	\$5,533.23	20513300-52100	CONTRACTUAL SERVICES	\$5,533.23
	221112	UB PRINT & MAIL SERVICES	\$29.16	31622861-52160	PUMPKINFEST EXPENDITURES	\$29.16
	222405	UB PRINT & MAIL SERVICES	\$70.90	31622861-52160	PUMPKINFEST EXPENDITURES	\$70.90
					Vendor Total:	\$10,208.36
INTEGRITY SHRED LLC	138097	DOCUMENT SHREDDING	\$65.00	10020210-54100	SUPPLIES	\$32.50
				20620231-54100	SUPPLIES	\$32.50
					Vendor Total:	\$65.00
INTERWEST CONSULTING GROUP INC	81593 1	CORRECTION TO CONTRACT 1718087	(\$1,516.25)	10523330-52100	CONTRACTUAL SERVICES	(\$1,516.25)
	82861	ON-CALL BUILDING & PLAN CHECK	\$390.00	10523330-52100	CONTRACTUAL SERVICES	\$390.00
	82860	ON-CALL BUILDING & PLAN CHECK	\$1,042.50	10523330-52100	CONTRACTUAL SERVICES	\$1,042.50
	81593 2	ON-CALL BUILDING & PLAN CHECK	\$1,516.25	10523330-52100	CONTRACTUAL SERVICES	\$1,516.25

List of Checks Presented for Approval on 12/2/2022

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
INTERWEST CONSULTING GROUP INC	82862	ON-CALL BUILDING & PLAN CHECK	\$1,838.75	10523330-52100	CONTRACTUAL SERVICES	\$1,838.75
Vendor Total:						\$3,271.25
JAMES ROBBINS	TR 11/16/22	TRAVEL REIMBURSEMENT	\$82.00	20012800-57100	LEARNING AND DEVELOPMENT	\$82.00
Vendor Total:						\$82.00
JOCELYN JUNE GONZALES	DV111722	BUSINESS ASSISTANCE LOAN PROGRAM	\$35,000.00	61123410-59500	LOANS ISSUED	\$35,000.00
Vendor Total:						\$35,000.00
KIMBALL MIDWEST	100496468	CABLE, HOSE CLMAP, COUNT CABLE, COARSE KIM	\$176.16	20324100-56112	EQUIPMENT PARTS FOR RESALE	\$176.16
Vendor Total:						\$176.16
KONOCITI RIDGE CORPORATION	117111	EXTERMINATOR SERVICES	\$108.00	10521210-56300	BUILDING MAINT. & REPAIR	\$108.00
Vendor Total:						\$108.00
KP PUBLIC AFFAIRS LLC	7010091	COMMUNITY OUTREACH PROF SVCS	\$10,000.00	20012300-52100	CONTRACTUAL SERVICES	\$10,000.00
Vendor Total:						\$10,000.00
LAURA CHRISTENSEN	DV120122	PLANNING COMMISSION STIPEND	\$700.00	20010010-51121	PLANNING COMMISSION STIPENDS	\$700.00
Vendor Total:						\$700.00
LEAVITT COMMUNICATIONS LLC	7072768	BENDIX KING BKR5000 -T3YC-1, BK	\$2,842.56	10521210-54100	SUPPLIES	\$2,842.56
	7072962	BENDIX KING BKR5000 -T3YC-1, BK	\$3,104.30	10521210-54100	SUPPLIES	\$3,104.30
Vendor Total:						\$5,946.86
LES SCHWAB TIRE CENTER	64000612222	TIRE, STEM	\$96.45	84027225-56120	EQUIPMENT MAINTENANCE & REPAIR	\$96.45
	64000608685	4 WHEEL ALIGNMENT	\$129.99	10020210-56130	EXTERNAL SERVICES	\$129.99
	64000611768	4 WHEEL ALIGNMENT	\$129.99	10020210-56130	EXTERNAL SERVICES	\$129.99
	64000610685	4 WHEEL ALIGNMENT	\$129.99	10022810-56130	EXTERNAL SERVICES	\$129.99
	64000609641	TIRES, BALANCE, ALIGNMENT	\$800.30	10521210-56130	EXTERNAL SERVICES	\$800.30
Vendor Total:						\$1,286.72
LEXISNEXIS RISK DATA MANAGEMENT INC	1410964-20221031	LEXIS NEXIS LE PLUS SEARCHING	\$76.00	10020210-54202	MAJOR CRIME INVESTIGATIONS	\$76.00
Vendor Total:						\$76.00
LIFE ASSIST INC	1265901	MIS. EMS SUPPLIES AS NEEDED	\$678.05	10521210-54107	EMS SUPPLIES	\$339.03
				71021100-54107	EMS SUPPLIES	\$339.02

List of Checks Presented for Approval on 12/2/2022

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
LIFE ASSIST INC	1265146	MIS. EMS SUPPLIES AS NEEDED	\$834.33	10521210-54107	EMS SUPPLIES	\$417.17
				71021100-54107	EMS SUPPLIES	\$417.16
				Vendor Total:		\$1,512.38
LINDSEY DUTCHER	TR 11/2-3/22	TRAVEL REIMBURSEMENT	\$36.00	10020210-57100	LEARNING AND DEVELOPMENT	\$36.00
				Vendor Total:		\$36.00
MAPLE CAFE	120922	CATERING SERVICES FOR ANNUAL HOLIDAY	\$7,621.00	20016100-54167	EMPLOYEE DEVELOPMENT	\$3,810.48
				10024210-54100	SUPPLIES	\$544.36
				10024620-54100	SUPPLIES	\$544.36
				20324100-54100	SUPPLIES	\$544.36
				20824700-54100	SUPPLIES	\$544.36
				82027110-54100	SUPPLIES	\$544.36
				84027221-54100	SUPPLIES	\$544.36
				84027225-54100	SUPPLIES	\$544.36
				Vendor Total:		\$7,621.00
MARK HILLIKER	DV120122	PLANNING COMMISSION STIPEND	\$700.00	20010010-51121	PLANNING COMMISSION STIPENDS	\$700.00
				Vendor Total:		\$700.00
MARY ELIZABETH CHURCH	9749	UKIAH ON ICE POSTERS	\$282.55	31422860-54100	SUPPLIES	\$282.55
				Vendor Total:		\$282.55
MAX BRAZILL	TR 11/6-9/22	TRAVEL REIMBURSEMENT	\$38.00	10020210-57100	LEARNING AND DEVELOPMENT	\$38.00
				Vendor Total:		\$38.00
MEAD & HUNT INC	338760	UKIAH AIRPORT RUNWAY EXTENSION	\$12,995.50	77725200-52100	CONTRACTUAL SERVICES	\$12,995.50
				Vendor Total:		\$12,995.50
MICHELLE N JOHNSON	DV120122	PLANNING COMMISSION STIPEND	\$700.00	20010010-51121	PLANNING COMMISSION STIPENDS	\$700.00
				Vendor Total:		\$700.00
MITCHELL TEST & SAFETY	604032580	AB CHANCE CLASS 2 GLOVES 18" R	\$5,996.34	90000000-20210	BASIC TAX 7.5%	(\$89.42)
				80026400-54100	SUPPLIES	\$89.42
				80026400-54100	SUPPLIES	\$5,996.34
				Vendor Total:		\$5,996.34

List of Checks Presented for Approval on 12/2/2022

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
NICK BARBIERI TRUCKING LLC	0174359-IN	CARDLOCK FUEL PURCHASES	\$1,005.38	20824300-56210	FUEL & FLUIDS	\$1,005.38
	0011323-IN	CARDLOCK FUEL PURCHASES	\$217.88	84027225-58410	GARAGE LUBRICANTS & PARTS	\$217.88
	0010382-IN	CARDLOCK FUEL PURCHASES	\$264.16	84027225-58410	GARAGE LUBRICANTS & PARTS	\$264.16
	Vendor Total:					\$1,487.42
NORTH COAST OPPORTUNITIES, INC	OCT 22	URBAN GREEN PHASE 4 PROJECT MA	\$260.00	51124210-80230	INFRASTRUCTURE	\$260.00
	Vendor Total:					\$260.00
O'CONNOR THOMPSON MCDONOUGH KLOTSCH LLP	327	LEGAL SERVICES - MUSEUM ROOF P	\$908.85	20822500-80220	BUILDING IMPROVEMENTS	\$908.85
	489	LEGAL SERVICES - MUSEUM ROOF P	\$1,093.68	20822500-80220	BUILDING IMPROVEMENTS	\$1,093.68
	283	LEGAL SERVICES - MUSEUM ROOF P	\$1,916.66	20822500-80220	BUILDING IMPROVEMENTS	\$1,916.66
	423	LEGAL SERVICES - MUSEUM ROOF P	\$2,954.82	20822500-80220	BUILDING IMPROVEMENTS	\$2,954.82
	Vendor Total:					\$6,874.01
OLIN CORPORATION	900203088	LIQUID SODIUM HYPOCHLORITE FY	\$10,682.68	84027225-58202	CHEMICALS	\$10,682.68
	Vendor Total:					\$10,682.68
OPPERMAN & SON INC	01P58948	AUX LIGHT	\$21.01	10022100-56130	EXTERNAL SERVICES	\$21.01
	01P58972	HOBBS LIGHT	\$63.46	10022100-56130	EXTERNAL SERVICES	\$63.46
	01P56621	FRIEGHT IN	\$172.67	10022100-56130	EXTERNAL SERVICES	\$172.67
	01P58644	SENSOR DEF	\$434.38	84027221-56130	EXTERNAL SERVICES	\$434.38
	01P57146	HOOD LATCH	\$226.55	84027225-56130	EXTERNAL SERVICES	\$226.55
	Vendor Total:					\$918.07
PAGE SUPPLY CORPORATION	028178827	PLASTIC CHR WALL PLATE, GLV HOLE PIPE STRAP	\$31.07	20824700-56300	BUILDING MAINT. & REPAIR	\$31.07
	028174510	AC SOLENOID COIL JACKES EVANS	\$78.15	84027225-56120	EQUIPMENT MAINTENANCE & REPAIR	\$78.15
	028179969	CEMENT WELD ON, NIPPLE PVC SCH	\$142.51	84027225-56120	EQUIPMENT MAINTENANCE & REPAIR	\$142.51
	028177592	FIPXFIP ELL, MIPXFIP BUSHING	\$155.98	84027225-56120	EQUIPMENT MAINTENANCE & REPAIR	\$155.98
	028174510-1	SOLENOID COIL JACKES	\$235.47	84027225-56120	EQUIPMENT MAINTENANCE & REPAIR	\$235.47
	028194322	PRIPPER PLUG CHERNE	\$76.14	84027225-56504	FACILITY MAINTENANCE & REPAIR	\$76.14

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Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
PACE SUPPLY CORPORATION	028193095	COPER PIPE, COPPER CAP	\$595.59	84027225-56504	FACILITY MAINTENANCE & REPAIR	\$595.59
	CM027736376	RETURN - PO 47929	(\$1,026.15)	82000000-12104	INVENTORY - PURCHASES	(\$1,026.15)
	028173309-1	(CPF-6-ER) COUPLING, FLEX, 6",	\$34.14	82000000-12104	INVENTORY - PURCHASES	\$34.14
	028104528	FIRE HYDRANT EXTENTION	\$620.47	82000000-12104	INVENTORY - PURCHASES	\$620.47
	028134148	NUTE FLAIRES, NYLON SADDLE	\$1,024.30	82000000-12104	INVENTORY - PURCHASES	\$1,024.30
	028161709	MISC. ITEMS AS NEEDED	\$1,372.13	82000000-12104	INVENTORY - PURCHASES	\$1,372.13
	028134630	MISC. ITEMS AS NEEDED	\$2,285.81	82000000-12104	INVENTORY - PURCHASES	\$2,285.81
	028173309	(CPF-6-ER) COUPLING, FLEX, 6",	\$4,133.46	82000000-12104	INVENTORY - PURCHASES	\$4,133.46
	028106128-2	MISC. ITEMS AS NEEDED	\$93.75	10024620-54100	SUPPLIES	\$93.75
	028106128-1	MISC. ITEMS AS NEEDED	\$143.50	10024620-54100	SUPPLIES	\$143.50
	028106128	MISC. SUPPLIES AS NEEDED	\$635.60	10024620-54100	SUPPLIES	\$635.60
	028156234	MISC. ITEMS AS NEEDED	\$42.29	82027114-54100	SUPPLIES	\$42.29
	028128687	ADPT METERS	\$444.35	82027114-54100	SUPPLIES	\$444.35
	Vendor Total:					\$11,118.56
PARKER, LUCAS AND ASSOCIATES	32	UNDERWRITING SERVICES FOR BUSI	\$1,906.25	61123410-52100	CONTRACTUAL SERVICES	\$1,906.25
	Vendor Total:					\$1,906.25
PATRICK INFANTE	TR 11/13-18/22	TRAVEL REIMBURSEMENT	\$185.70	10020210-57100	LEARNING AND DEVELOPMENT	\$185.70
	Vendor Total:					\$185.70
PFM ASSET MANAGEMENT LLC	13470307	FINANCIAL ADVISORY SERVICES	\$2,555.90	20015100-52100	CONTRACTUAL SERVICES	\$2,555.90
	Vendor Total:					\$2,555.90
PG&E CO	1522-8 SEP 22	PACIFIC GAS & ELECTRIC	(\$21.63)	10521210-55210	UTILITIES	(\$21.63)
	1522-8 OCT 22	PACIFIC GAS & ELECTRIC	\$70.98	10521210-55210	UTILITIES	\$70.98
	6833-2 OCT 22	PACIFIC GAS & ELECTRIC	\$483.03	10521210-55210	UTILITIES	\$483.03
	6124-2 OCT 22	PACIFIC GAS & ELECTRIC	\$1,068.39	10521210-55210	UTILITIES	\$1,068.39
	8716-1 OCT 22	PACIFIC GAS & ELECTRIC	\$2,590.46	82027111-55210	UTILITIES	\$2,590.46
	Vendor Total:					\$4,191.23
PIONEER LAW GROUP LLP	7791	LANDFILL EIR & CEQA LEGAL SERV	\$6,495.44	70224500-80230	INFRASTRUCTURE	\$6,495.44
	Vendor Total:					\$6,495.44

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Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
POLYDYNE INC	1691023	LIQUID POLYMER EMULSION FY21/2	\$18,489.34	84027225-58202	CHEMICALS	\$18,489.34
					Vendor Total:	\$18,489.34
RADIAN GENERATION HOLDCO LLC	2769	COMPLIANCE & REPORTING SERVICE	\$500.00	80026400-52100	CONTRACTUAL SERVICES	\$500.00
					Vendor Total:	\$500.00
RELIANCE ENTERPRISES	44010	ICE MACHINE REPAIR	\$1,161.93	73022600-56300	BUILDING MAINT. & REPAIR	\$1,161.93
					Vendor Total:	\$1,161.93
RICHARD ANDERSON	221114-1	AGREEMENT FOR PROF.SVC'S FOR W	\$3,175.00	20913900-52100	CONTRACTUAL SERVICES	\$3,175.00
					Vendor Total:	\$3,175.00
RINO PACIFIC	CL38826	FUEL CARD CHARGES AS NEEDED	\$3,245.92	10521210-56120	EQUIPMENT MAINTENANCE & REPAIR	\$2,412.97
				71021100-56120	EQUIPMENT MAINTENANCE & REPAIR	\$832.95
	CL38852	FUEL CARD CHARGES AS NEEDED	\$4,140.10	10020210-56210	FUEL & FLUIDS	\$4,140.10
	CL38837	FUEL CARD CHARGES AS NEEDED	\$87.77	20324100-56210	FUEL & FLUIDS	\$87.77
	CL38851	FUEL CARD CHARGES AS NEEDED	\$341.16	80026400-56210	FUEL & FLUIDS	\$341.16
					Vendor Total:	\$7,814.95
ROUND TABLE PIZZA	587678	CONTRACTOR LUNCH - VETERANS DAY	\$324.12	10024620-54100	SUPPLIES	\$108.04
				82027110-54100	SUPPLIES	\$108.04
				84027221-54100	SUPPLIES	\$108.04
					Vendor Total:	\$324.12
RYAN NELSON	TA 12/12-16/22	TRAVEL ADVANCE	\$251.00	10521210-57100	LEARNING AND DEVELOPMENT	\$251.00
					Vendor Total:	\$251.00
SAVINGS BANK OF MENDOCINO COUNTY	NOV 22	LOVERS LANE LOAN PAYMENT	\$1,945.41	91500000-70103	LOAN INTEREST	\$291.63
				91800000-70103	LOAN INTEREST	\$680.48
				91500000-70201	LOAN PRINCIPAL PAYMENTS	\$291.99
				91800000-70201	LOAN PRINCIPAL PAYMENTS	\$681.31
					Vendor Total:	\$1,945.41
SOLID WASTES SYSTEMS INC	1046	MISC. DUMP FEES	\$2,488.97	10022100-59400	OTHER EXPENSES	(\$92.75)
				10022100-59400	OTHER EXPENSES	\$20.56

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Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
SOLID WASTES SYSTEMS INC	1046	MISC. DUMP FEES	\$2,488.97	10022100-59400	OTHER EXPENSES	\$24.05
				10022100-59400	OTHER EXPENSES	\$25.70
				10022100-59400	OTHER EXPENSES	\$56.11
				10024620-54120	PW - SPECIAL SUPPLIES	\$7.71
				10024620-54120	PW - SPECIAL SUPPLIES	\$12.85
				10024620-54120	PW - SPECIAL SUPPLIES	\$12.85
				10024620-54120	PW - SPECIAL SUPPLIES	\$12.85
				10024620-54120	PW - SPECIAL SUPPLIES	\$13.45
				10024620-54120	PW - SPECIAL SUPPLIES	\$15.41
				10024620-54120	PW - SPECIAL SUPPLIES	\$17.22
				10024620-54120	PW - SPECIAL SUPPLIES	\$17.22
				10024620-54120	PW - SPECIAL SUPPLIES	\$17.22
				10024620-54120	PW - SPECIAL SUPPLIES	\$17.22
				10024620-54120	PW - SPECIAL SUPPLIES	\$20.56
				10024620-54120	PW - SPECIAL SUPPLIES	\$20.56
				10024620-54120	PW - SPECIAL SUPPLIES	\$25.70
				10024620-54120	PW - SPECIAL SUPPLIES	\$25.70
				10024620-54120	PW - SPECIAL SUPPLIES	\$25.70
				10024620-54120	PW - SPECIAL SUPPLIES	\$25.70
				10024620-54120	PW - SPECIAL SUPPLIES	\$25.70
				10024620-54120	PW - SPECIAL SUPPLIES	\$25.70
				10024620-54120	PW - SPECIAL SUPPLIES	\$25.70
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				10024620-54120	PW - SPECIAL SUPPLIES	\$25.70
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				10024620-54120	PW - SPECIAL SUPPLIES	\$25.70
				10024620-54120	PW - SPECIAL SUPPLIES	\$25.70
				10024620-54120	PW - SPECIAL SUPPLIES	\$25.70
				10024620-54120	PW - SPECIAL SUPPLIES	\$25.70
				10024620-54120	PW - SPECIAL SUPPLIES	\$25.70
				10024620-54120	PW - SPECIAL SUPPLIES	\$25.70

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Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
SOLID WASTES SYSTEMS INC	1046	MISC. DUMP FEES	\$2,488.97	10024620-54120	PW - SPECIAL SUPPLIES	\$26.34
				10024620-54120	PW - SPECIAL SUPPLIES	\$26.34
				10024620-54120	PW - SPECIAL SUPPLIES	\$30.28
				10024620-54120	PW - SPECIAL SUPPLIES	\$34.35
				10024620-54120	PW - SPECIAL SUPPLIES	\$37.79
				10024620-54120	PW - SPECIAL SUPPLIES	\$37.79
				10024620-54120	PW - SPECIAL SUPPLIES	\$38.55
				10024620-54120	PW - SPECIAL SUPPLIES	\$38.55
				10024620-54120	PW - SPECIAL SUPPLIES	\$38.55
				10024620-54120	PW - SPECIAL SUPPLIES	\$38.55
				10024620-54120	PW - SPECIAL SUPPLIES	\$42.37
				10024620-54120	PW - SPECIAL SUPPLIES	\$42.37
				10024620-54120	PW - SPECIAL SUPPLIES	\$42.37
				10024620-54120	PW - SPECIAL SUPPLIES	\$44.66
				10024620-54120	PW - SPECIAL SUPPLIES	\$46.95
				10024620-54120	PW - SPECIAL SUPPLIES	\$50.76
				10024620-54120	PW - SPECIAL SUPPLIES	\$51.40
				10024620-54120	PW - SPECIAL SUPPLIES	\$53.40
				10024620-54120	PW - SPECIAL SUPPLIES	\$96.18
				10024620-54120	PW - SPECIAL SUPPLIES	\$107.63
				10024620-54120	PW - SPECIAL SUPPLIES	\$115.65
				10024620-54120	PW - SPECIAL SUPPLIES	\$247.32
				10022100-54100	SUPPLIES	\$18.32
				10022100-54100	SUPPLIES	\$18.32
				10022100-54100	SUPPLIES	\$19.47
				10022100-54100	SUPPLIES	\$25.19
				10022100-54100	SUPPLIES	\$27.48
				10022100-54100	SUPPLIES	\$32.06
				10022100-54100	SUPPLIES	\$34.35
				10022100-54100	SUPPLIES	\$35.50

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Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
SOLID WASTES SYSTEMS INC	1046	MISC. DUMP FEES	\$2,488.97	10022100-54100	SUPPLIES	\$38.93
				10022100-54100	SUPPLIES	\$38.93
				10022100-54100	SUPPLIES	\$52.67
				82027114-54100	SUPPLIES	\$46.95
				82027114-54100	SUPPLIES	\$169.46
				84027225-54100	SUPPLIES	\$12.00
				84027225-54100	SUPPLIES	\$28.80
				84027225-54100	SUPPLIES	\$49.50
Vendor Total: \$2,488.97						
SONOMA COUNTY SHERIFF'S DEPT	9590	COUNTY WIDE BOMB SQUAD SERVICE	\$12,091.00	10020210-52100	CONTRACTUAL SERVICES	\$12,091.00
				Vendor Total: \$12,091.00		
SOUTHERN TIRE MART LLC	7740000451	TIRES, TUBES, REPAIRS AND LABO	\$31.00	10020210-56130	EXTERNAL SERVICES	\$31.00
	7740000452	TIRES, TUBES, REPAIRS AND LABO	\$379.62	10020210-56130	EXTERNAL SERVICES	\$379.62
	7740000450	TIRES, TUBES, REPAIRS AND LABO	\$569.44	10020210-56130	EXTERNAL SERVICES	\$569.44
	7740000523	TIRES, TUBES, REPAIRS AND LABO	\$745.85	10020210-56130	EXTERNAL SERVICES	\$745.85
	7740000650	TIRES, TUBES, REPAIRS AND LABO	\$216.42	10022100-56130	EXTERNAL SERVICES	\$216.42
	7740000642	TIRES, TUBES, REPAIRS AND LABO	\$869.20	10022100-56130	EXTERNAL SERVICES	\$869.20
	7740000595	TIRES, TUBES, REPAIRS AND LABO	\$2,308.14	10022100-56130	EXTERNAL SERVICES	\$2,308.14
	7740000449	TIRES, TUBES, REPAIRS AND LABO	\$1,255.08	80026110-56130	EXTERNAL SERVICES	\$1,255.08
Vendor Total: \$6,374.75						
STAPLES CREDIT PLAN	34418	ENVELOPES, SHARPIES, PENS, DIVIDERS	\$192.99	10022700-54100	SUPPLIES	\$192.99
	7601224206-0	INK CARTRIDGE	\$58.30	10022810-54100	SUPPLIES	\$58.30
	7601044751-0	INK CARTRIDGE	\$68.28	10022810-54100	SUPPLIES	\$68.28
	7600710950-0	STAPLER, DESK CALANDER, WALL PLANNER	\$120.80	10022810-54100	SUPPLIES	\$120.80
	7601044751-0	INK CARTRIDGES	\$148.21	10022810-54100	SUPPLIES	\$148.21
	7601362497-0	PAPER	\$66.54	10023100-54100	SUPPLIES	\$66.54
	7366551315-0	NOTEBOOKS	\$41.92	10024210-54100	SUPPLIES	\$41.92
	7601178279-0	APPOINTMENT BOOK, WALL CALENDER	\$45.05	10024210-54100	SUPPLIES	\$45.05
	34786	LEAD REFIL, ERASER, WIRELESS MOUSE, SHARPIE	\$66.77	10024210-54100	SUPPLIES	\$66.77

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Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
STAPLES CREDIT PLAN	34384	CERTIFICATE PAPER	\$50.59	20012500-54100	SUPPLIES	\$50.59
	7601531505-0	FILE FOLDERS	\$33.29	20013210-54100	SUPPLIES	\$33.29
	7601143298-0	PRESSBOARD, DRY ERASE BOARD, WALL CALENDERS	\$224.02	20013210-54100	SUPPLIES	\$35.86
				20013210-54100	SUPPLIES	\$56.88
				20013220-54100	SUPPLIES	\$17.46
				20013220-54100	SUPPLIES	\$18.97
				20013220-54100	SUPPLIES	\$37.94
				20013400-54100	SUPPLIES	\$18.97
				20013401-54100	SUPPLIES	\$18.97
				20413510-54100	SUPPLIES	\$9.48
				20413520-54100	SUPPLIES	\$9.49
	32868	USBC HDMI CABLE	\$32.65	20913900-54100	SUPPLIES	\$32.65
	3157706581	SHIPPING	\$21.76	73022600-54100	SUPPLIES	\$21.76
	3157706611	BANNERS	\$72.11	73022600-54100	SUPPLIES	\$72.11
	3157706511	FOAM BOARD POSTERS	\$84.79	73022600-54100	SUPPLIES	\$84.79
	32530	BINDERS	\$65.26	82027111-54100	SUPPLIES	\$65.26
	8462	EAR BUDS, JOURNAL	\$86.53	82027111-54100	SUPPLIES	\$86.53
	32514	SHARPIES, PENS	\$33.72	82027114-54100	SUPPLIES	\$33.72
	34890	BINDERS	\$45.66	84027225-54100	SUPPLIES	\$45.66
	34868	STAPLES, PENS, POST-ITS, WHITEOUT	\$211.39	84027225-54100	SUPPLIES	\$211.39
Vendor Total:						\$1,770.63
STEVENSON SUPPLY AND TRACTOR CO.	2211243	TRENCHING SHOVELS, SHOVEL	\$57.72	82027114-54100	SUPPLIES	\$57.72
Vendor Total:						\$57.72
STRYKER SALES CORPORATION	3444483M	SIDEKICK WIPES	\$81.36	90000000-20210	BASIC TAX 7.5%	(\$6.41)
				10521210-54107	EMS SUPPLIES	\$6.41
				10521210-54107	EMS SUPPLIES	\$81.36
	3814513M	5 YEAR LIFEPAK15 AND LUCAS SYS	\$8,206.10	10521210-52111	DEFIBRILLATOR MAINTENANCE	\$4,103.05
				71021100-52111	DEFIBRILLATOR MAINTENANCE	\$4,103.05
	3102396M	ASSEMBLY BATTERY REPLACEMENT	\$419.63	10521210-54107	EMS SUPPLIES	\$419.63

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Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
STRYKER SALES CORPORATION	3909234M	NIBP CUFF CHILD, ADULT	\$522.98	10521210-54107	EMS SUPPLIES	\$261.49
				71021100-54107	EMS SUPPLIES	\$261.49
	3911057M	HOSE- NIBP, COILED	\$528.16	10521210-54107	EMS SUPPLIES	\$264.08
				71021100-54107	EMS SUPPLIES	\$264.08
	2895136M	LNCSC DCI ADULT	\$1,051.78	10521210-54107	EMS SUPPLIES	\$1,051.78
	3948971M	#21996-000109 TITAN III WIFI G	\$3,185.55	10521210-54107	EMS SUPPLIES	\$92.99
				71021100-54107	EMS SUPPLIES	\$69.74
				10521210-54320	SOFTWARE	\$1,511.41
				71021100-54320	SOFTWARE	\$1,511.41
	3522480M	POWERLOAD INSTALLATION	\$500.00	71021100-54107	EMS SUPPLIES	\$500.00
	3769964M	#99577-001957 LIFEPAK 15 V4 MO	\$20,985.61	71021100-80100	MACHINERY & EQUIPMENT	\$20,985.61
	3925073M	#99577-001957 LIFEPAK 15 V4 MO	\$72,340.50	71021100-80100	MACHINERY & EQUIPMENT	\$72,340.50
	Vendor Total:					\$107,821.67
SUBURBAN PROPANE	1426-207795	PROPANE	\$529.08	10521210-55210	UTILITIES	\$529.08
					Vendor Total: \$529.08	
TALLMAN EQUIPMENT CO INC	3336828	KLEIN DEMOLITION DRIVER 7" SHA	\$56.08	80026110-54102	SMALL TOOLS	\$56.08
	3336822	KLEIN DEMOLITION DRIVER 7" SHA	\$1,486.09	80026110-54102	SMALL TOOLS	\$1,486.09
	Vendor Total: \$1,542.17					
TECH DATA CORPORATION	SI579989	ATG PROFESSIONAL SERVICES AUTO	\$4,320.00	80026400-57100	LEARNING AND DEVELOPMENT	\$4,320.00
					Vendor Total: \$4,320.00	
TEMPLE CABRAL	TR 11/15-18/22	TRAVEL REIMBURESMENT	\$276.27	20016100-57100	LEARNING AND DEVELOPMENT	\$276.27
					Vendor Total: \$276.27	
TGIF REPAIRS INC	6791	PRINTER MAINTENANCE	\$262.50	20620231-56120	EQUIPMENT MAINTENANCE & REPAIR	\$262.50
	6792	PRINTER MAINTENANCE	\$262.50	80026400-54100	SUPPLIES	\$262.50
	Vendor Total: \$525.00					
THE DRALA PROJECT INC	4246	(3) POWEREDGE R650 SERVERS, 3	\$124,994.19	20913900-80100	MACHINERY & EQUIPMENT	\$124,994.19
					Vendor Total: \$124,994.19	
TRACI BOYL	TR 11/16-17/22	TRAVEL REIMBURSEMENT	\$516.10	20012800-57100	LEARNING AND DEVELOPMENT	\$516.10
					Vendor Total: \$516.10	

List of Checks Presented for Approval on 12/2/2022

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
TRITECH SOFTWARE SYSTEMS	368735	ANNUAL MAINTENANCE FEE 23 -24	\$4,500.00	10020210-54320	SOFTWARE	\$4,500.00
Vendor Total:						\$4,500.00
UKIAH VALLEY ASSOCIATION FOR HABILITATION INC	IN24812	JANITORIAL SERVICES AT WWTP FY	\$618.00	84027225-52100	CONTRACTUAL SERVICES	\$618.00
Vendor Total:						\$618.00
UKIAH VALLEY SANITATION DIST	104613 OCT 22	SEWER - LOW GAP RD	\$67.83	10022100-55210	UTILITIES	\$67.83
	58070 OCT 22	SEWER - 432 OBSERVATORY AVE	\$213.18	10022100-55210	UTILITIES	\$213.18
	81411 OCT 22	SEWER - 1500 S STATE ST	\$106.59	10521210-55210	UTILITIES	\$106.59
	90558 OCT 22	SEWER - 141 LOVERS LN	\$112.87	10521210-55210	UTILITIES	\$112.87
	89690 OCT 22	SEWER - 1640 S STATE ST	\$87.21	31122000-55210	UTILITIES	\$87.21
	113354 OCT 22	SEWER - 1350 HASTINGS RD	\$53.47	80026400-55210	UTILITIES	\$53.47
Vendor Total:						\$641.15
UNITED SITE SERVICES	114-13417732	PORTABLE TOILET RENTAL CONTRAC	\$108.34	90000000-23256	SPECIAL EVENTS TRUST	\$108.34
Vendor Total:						\$108.34
US CELLULAR	0542290365	CELL PHONES	\$707.64	10024620-55100	TELEPHONE	\$37.18
				20913900-55100	TELEPHONE	\$36.55
				80026400-55100	TELEPHONE	\$57.18
				80026400-55100	TELEPHONE	\$117.17
				82027110-55100	TELEPHONE	\$56.59
				82027111-55100	TELEPHONE	\$226.20
				84027221-55100	TELEPHONE	\$56.59
				84027225-55100	TELEPHONE	\$120.18
Vendor Total:						\$707.64
US FUELING SOLUTIONS	24489	DRIERITE DESICCANT, FSII DRIER TUBES	\$83.06	77725200-56300	BUILDING MAINT. & REPAIR	\$83.06
	24501	AVIATION HOSE	\$976.10	77725200-56300	BUILDING MAINT. & REPAIR	\$976.10
Vendor Total:						\$1,059.16
USA BLUEBOOK	165178	PANEL MOUNT FLOWMETER	\$242.19	84027225-56120	EQUIPMENT MAINTENANCE & REPAIR	\$242.19
	162019	TEST TUBE, TUBE BRUSH, HOOKS	\$252.40	84027225-56120	EQUIPMENT MAINTENANCE & REPAIR	\$252.40

List of Checks Presented for Approval on 12/2/2022

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
USA BLUEBOOK	163794	PANEL MOUNT FLOWMETER	\$456.93	84027225-56120	EQUIPMENT MAINTENANCE & REPAIR	\$456.93
	162059	PANEL MONT FLOWMETER	\$466.20	84027225-56120	EQUIPMENT MAINTENANCE & REPAIR	\$466.20
					Vendor Total:	\$1,417.72
VALLEY PAVING	22/191	FURNISH LABOR AND EUIPMENT TO	\$5,040.00	20012200-52100	CONTRACTUAL SERVICES	\$5,040.00
					Vendor Total:	\$5,040.00
VWR INTERNATIONAL LLC	8811318015	CHLORIDE	\$105.66	84027225-54103	LAB SUPPLIES	\$105.66
	8811298970	BUFFER PH4, PH7, PIPET	\$201.63	84027225-54103	LAB SUPPLIES	\$201.63
	8811298971	CYLINDER 100 ML	\$260.96	84027225-54103	LAB SUPPLIES	\$260.96
					Vendor Total:	\$568.25
WAGNER & BONSIGNORE	11-22-788	ENG SVCS FOR WATER RIGHT PERMI	\$157.50	82027110-52100	CONTRACTUAL SERVICES	\$157.50
					Vendor Total:	\$157.50
WALMART COMMUNITY	05296	SPECIAL EVENTS SUPPLIES	\$27.71	90000000-23256	SPECIAL EVENTS TRUST	\$27.71
	09011	CHRISTMAS LIGHTS	\$284.62	10022100-54100	SUPPLIES	\$284.62
	00548	CHRISTMAS LIGHTS	\$433.17	10022100-54100	SUPPLIES	\$433.17
	01971	CLEAR BAG, MX CHSGR SUP	\$23.04	73022600-54100	SUPPLIES	\$23.04
	07171	MISC. SUPPLIES AS NEEDED	\$38.53	73022600-54100	SUPPLIES	\$38.53
	07009	CHRISTMAS TREE	\$205.77	73022600-54100	SUPPLIES	\$205.77
	04725	BLUE ROPE	\$125.77	80026110-54100	SUPPLIES	\$125.77
	04718	ROPE, DOME CU	\$261.76	80026110-54100	SUPPLIES	\$261.76
					Vendor Total:	\$1,400.37
WEST YOST ASSOCIATES INC	2051310	RUSSIAN RIVER WATERSHED AGREEM	\$31,552.76	91190100-52100	CONTRACTUAL SERVICES	\$31,552.76
					Vendor Total:	\$31,552.76
WEX BANK	84881150	FUEL FOR POLICE	\$738.86	10020210-56210	FUEL & FLUIDS	\$738.86
					Vendor Total:	\$738.86
WHITCHURCH ENGINEERING, INC	COU-223896	DESIGN SERVICES - TENANT IMPROVMENTS HAS	\$44,530.40	80126100-80220	BUILDING IMPROVEMENTS	\$44,530.40
					Vendor Total:	\$44,530.40
WIPF CONSTRUCTION LLC	9102	DELIVERY OF VARIOUS MATERIALS	\$1,031.76	82027114-54100	SUPPLIES	\$1,031.76
					Vendor Total:	\$1,031.76

List of Checks Presented for Approval on 12/2/2022

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
WYATT IRRIGATION CO	311680 01	PVP INSERT MAL ADPT	\$21.09	82027114-56130	EXTERNAL SERVICES	\$21.09
					Vendor Total:	\$21.09
XEROX CORP	017585485	COPIER LEASE - SEE ADD'L DESCR	\$161.06	10022700-52100	CONTRACTUAL SERVICES	\$161.06
	017491889	COPIER LEASE - SEE ADD'L DESCR	\$134.15	73022600-52100	CONTRACTUAL SERVICES	\$134.15
	017585484	COPIER LEASE - SEE ADD'L DESCR	\$154.17	10020210-54500	EQUIP RENTS AND LEASES	\$107.92
				20620231-54500	EQUIP RENTS AND LEASES	\$30.84
				64020213-54500	EQUIP RENTS AND LEASES	\$15.41
	017491888	COPIER LEASE - SEE ADD'L DESCR	\$818.36	10020210-54500	EQUIP RENTS AND LEASES	\$572.86
				20620231-54500	EQUIP RENTS AND LEASES	\$163.68
				64020213-54500	EQUIP RENTS AND LEASES	\$81.82
	017585493	COPIER LEASE - SEE ADD'L DESCR	\$160.30	10521210-54500	EQUIP RENTS AND LEASES	\$160.30
	017491886	COPIER LEASE - SEE ADD'L DESCR	\$462.79	20012200-54500	EQUIP RENTS AND LEASES	\$462.79
	017491885	COPIER LEASE - SEE ADD'L DESCR	\$797.94	20012200-54500	EQUIP RENTS AND LEASES	\$797.94
	017491887	COPIER LEASE - SEE ADD'L DESCR	\$852.84	20012200-54500	EQUIP RENTS AND LEASES	\$852.84
					Vendor Total:	\$3,541.61
ZOOM VIDEO COMMUNICATIO NS INC	INV175967143	ENTERPRISE NAMED HOST ANNUAL	\$13,340.40	20012500-54320	SOFTWARE	\$13,340.40
					Vendor Total:	\$13,340.40
					INVOICE TOTAL:	\$2,588,540.75

List of Checks Presented for Approval on 12/9/2022

The following list of bills payable was reviewed and approved for payment.

Sgt. Sargis

D. R. J.

CR

Signature

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
AUTOMATIC FILTERS LLC	31035	HIGH PERFORMANCE SCREEN	\$1,215.85	80026220-54100	SUPPLIES	\$1,215.85
Vendor Total:						\$1,215.85
ACME RIGGING COMPANY INC	328899	SPA SHACKLE	\$63.95	20324100-56112	EQUIPMENT PARTS FOR RESALE	\$63.95
	329154	ENDLESS SLING YELLOW	\$66.94	10024620-54120	PW - SPECIAL SUPPLIES	\$66.94
Vendor Total:						\$130.89
ADAMSON POLICE PRODUCTS	INV387922	LED PERIMETER LIGHTS	\$477.48	10521210-56130	EXTERNAL SERVICES	\$477.48
Vendor Total:						\$477.48
ADVANCED SECURITY SYSTEMS	628071	SECURITY MONITORING - TALMAGE	\$25.75	10521210-52180	SECURITY SERVICES	\$25.75
Vendor Total:						\$25.75
AIRGAS INC	9132321319	COMPRESSED GAS	\$237.99	84027225-56120	EQUIPMENT MAINTENANCE & REPAIR	\$237.99
Vendor Total:						\$237.99
AL SMATSKY	141	DESIGN, ENGINEERING & CONSULTA	\$8,662.50	80126100-80230	INFRASTRUCTURE	\$975.00
				80126100-80230	INFRASTRUCTURE	\$1,545.00
				80126100-80230	INFRASTRUCTURE	\$6,142.50
Vendor Total:						\$8,662.50
ALPHA ANALYTICAL LABORATORIES INC	2112473-UKIAHSTP	MISC. LABORATORY WORK AS NEEDED	\$85.00	84027225-52100	CONTRACTUAL SERVICES	\$85.00
	2113047-UKIAHSTP	MISC. LABORATORY WORK AS NEEDED	\$85.00	84027225-52100	CONTRACTUAL SERVICES	\$85.00
	2112214-UKIAHSTP	MISC. LABORATORY WORK AS NEEDED	\$210.00	84027225-52100	CONTRACTUAL SERVICES	\$210.00
	2113781-UKIAHSTP	MISC. LABORATORY WORK AS NEEDED	\$210.00	84027225-52100	CONTRACTUAL SERVICES	\$210.00
	2111966-UKIAHSTP	MISC. LABORATORY WORK AS NEEDED	\$295.00	84027225-52100	CONTRACTUAL SERVICES	\$295.00
	2115310-UKIAHSTP	MISC. LABORATORY WORK AS NEEDED	\$295.00	84027225-52100	CONTRACTUAL SERVICES	\$295.00
	2114721-UKIAHSTP	MISC. LABORATORY WORK AS NEEDED	\$320.00	84027225-52100	CONTRACTUAL SERVICES	\$320.00
	2112252-UKIAHSTP	MISC. LABORATORY WORK AS NEEDED	\$375.00	84027225-52100	CONTRACTUAL SERVICES	\$375.00

List of Checks Presented for Approval on 12/9/2022

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
ALPHA ANALYTICAL LABORATORIES INC	2113072-UKIAHSTP	MISC. LABORATORY WORK AS NEEDED	\$375.00	84027225-52100	CONTRACTUAL SERVICES	\$375.00
	2113780-UKIAHSTP	MISC. LABORATORY WORK AS NEEDED	\$375.00	84027225-52100	CONTRACTUAL SERVICES	\$375.00
	2115469-UKIAHSTP	MISC. LABORATORY WORK AS NEEDED	\$375.00	84027225-52100	CONTRACTUAL SERVICES	\$375.00
	2114161-UKIAHSTP	MISC. LABORATORY WORK AS NEEDED	\$418.00	84027225-52100	CONTRACTUAL SERVICES	\$418.00
	2112925-UKIAHSTP	MISC. LABORATORY WORK AS NEEDED	\$540.00	84027225-52100	CONTRACTUAL SERVICES	\$540.00
	2114399-UKIAHSTP	MISC. LABORATORY WORK AS NEEDED	\$561.00	84027225-52100	CONTRACTUAL SERVICES	\$561.00
	2112922-UKIAHSTP	MISC. LABORATORY WORK AS NEEDED	\$675.00	84027225-52100	CONTRACTUAL SERVICES	\$675.00
	2112926-UKIAHSTP	MISC. LABORATORY WORK AS NEEDED	\$780.00	84027225-52100	CONTRACTUAL SERVICES	\$780.00
	2114398-UKIAHSTP	MISC. LABORATORY WORK AS NEEDED	\$1,490.00	84027225-52100	CONTRACTUAL SERVICES	\$1,490.00
Vendor Total:						\$7,464.00
ALTHEA HOKAFONU	DV112022	INSTRUCTOR	\$84.00	10022850-52100	CONTRACTUAL SERVICES	\$84.00
	DV111722	INSTRUCTOR	\$105.00	10022850-52100	CONTRACTUAL SERVICES	\$105.00
Vendor Total:						\$189.00
AMAZON CAPITAL SERVICES, INC	164G-3WKR-H3PF	DUAL 4K DISPLAYPORT, LAPTOP	\$1,757.71	20913900-54330	COMPUTER AND TECHNOLOGY	\$1,757.71
	1NRQ-YK4H-QQ1X	FENDER LIGHTS	\$13.66	10521210-56130	EXTERNAL SERVICES	\$13.66
	19CD-WMGM-4XGJ	DRAINAGE DRIVEWAY CHANNEL	\$16.85	10024620-54120	PW - SPECIAL SUPPLIES	\$16.85
	36CV-3DPY-66KH	DRAINAGE TRENCH, DRIVEWAY DRAIN	\$118.66	10024620-54120	PW - SPECIAL SUPPLIES	\$118.66
	1DWN-DRJP-R96G	HANGING FILE ORGANIZERS	\$126.08	10024620-54120	PW - SPECIAL SUPPLIES	\$126.08
	1KCP-NCXH-9KMG	BATTERIES	\$51.80	10020210-54100	SUPPLIES	\$51.80
	14GG-36XX-DY44	LETTER OPENERS, BURLAP BAGS	\$16.76	10022810-54100	SUPPLIES	\$16.76
	171K-QQV6-Q9Q9	YOUTH BASKETBALL SUPPLIES	\$520.43	10022831-54100	SUPPLIES	\$520.43
	16F6-CDJ3-3KR9	WIRELESS COLOR PRINTER, CARTRIDGES, ALCOHOL WIPES	\$169.31	10022840-54100	SUPPLIES	\$169.31
	19QL-7NKC-FQ34	DAYCAMP SUPPLIES	\$364.36	10022840-54100	SUPPLIES	\$364.36
	1QJJ-1NTH-PT7R	GEL PENS,	\$16.31	10024210-54100	SUPPLIES	\$16.31
	1WG1-F97X-3XTN	WIRELESS KEYBOARD, SUGAR	\$42.66	73022600-54100	SUPPLIES	\$42.66
	1KD1-QDJ1-XKJY	FIRST AID CABINET	\$172.63	73022600-54100	SUPPLIES	\$172.63
	1JD3-C6H4-3FNP	CONFERENCE CENTER SUPPLIES	\$234.19	73022600-54100	SUPPLIES	\$234.19

List of Checks Presented for Approval on 12/9/2022

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
AMAZON CAPITAL SERVICES, INC	1MCJ-LXT9-4XN9	FLUKE BATTERY PACK	\$147.31	80026210-54100	SUPPLIES	\$147.31
					Vendor Total:	\$3,768.72
AMWINS GROUP BENEFITS INC	7603461	DEC 22 RETIREE HEALTH INSURANCE	\$3,318.00	20700000-20524	NON-EMPLOYEE HEALTH INS.PREM	\$3,318.00
					Vendor Total:	\$3,318.00
ANIXTER	5442192-00	(AD-01) CROSSARM, COMPOSITE, 9	\$19,300.82	80000000-12104	INVENTORY - PURCHASES	\$19,300.82
					Vendor Total:	\$19,300.82
ANTHONY SELVITELLA	TR 11/16-18/22	TRAVEL REIMBURESMENT	\$93.75	10521210-57100	LEARNING AND DEVELOPMENT	\$93.75
					Vendor Total:	\$93.75
AP TRITON CONSULTING LLC	2022-428	CONSULTINGS SERVICES FOR PHEMS	\$5,000.00	71021100-52100	CONTRACTUAL SERVICES	\$5,000.00
					Vendor Total:	\$5,000.00
AT&T	2799 DEC 22	INTERNET	\$91.07	10022100-55100	TELEPHONE	\$91.07
	2463 OCT 22	FAX SERVICES - S STATION	\$61.19	10521210-55100	TELEPHONE	\$61.19
	3138 NOV 22	DSL FOR 911 REMOTE SUPPORT	\$460.10	20620231-55100	TELEPHONE	\$460.10
					Vendor Total:	\$612.36
B & B INDUSTRIAL SUPPLY INC	267648	STAINLESS PLATE, CRIMPED CUP BRUSH, WIRE	\$409.48	84027225-56120	EQUIPMENT MAINTENANCE & REPAIR	\$409.48
					Vendor Total:	\$409.48
BETH SWEETMAN	DV120422	TUITION REIMBUREMENT FOR NREMT TESTING	\$380.00	71021100-57100	LEARNING AND DEVELOPMENT	\$380.00
					Vendor Total:	\$380.00
BKF ENGINEERS	22110651	GOBBI ST UTILITY REPLACEMENT P	\$13,900.50	12024200-80230	INFRASTRUCTURE	\$4,633.50
				82227113-80230	INFRASTRUCTURE	\$4,633.50
				84427221-80230	INFRASTRUCTURE	\$4,633.50
	22110711	EAST PERKINS WIDENING PROJECT/	\$22,841.48	25224220-80230	INFRASTRUCTURE	\$22,841.48
					Vendor Total:	\$36,741.98
BORIS PROKOP	UKIAH-2022-05	ASSIST EUD WITH REGULATORY & M	\$10,875.00	80026400-52100	CONTRACTUAL SERVICES	\$10,875.00
					Vendor Total:	\$10,875.00
BOUND TREE MEDICAL LLC	84756000	MISC. SUPPLIES AS NEEDED FY 22	\$846.48	10521210-54107	EMS SUPPLIES	\$213.58
				71021100-54107	EMS SUPPLIES	\$632.90
					Vendor Total:	\$846.48

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Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
BSN SPORTS LLC	919198580	RUBBER BALLS	\$913.24	10022840-54100	SUPPLIES	\$913.24
					Vendor Total:	\$913.24
CALIFORNIA INTERGOVERN- MENTAL RISK AUTHORITY	2563 / 2831	WORKERS COMP TO OVERPAYMENT	\$3,300.48	20100000-48170	INSURANCE REFUNDS	\$3,300.48
					Vendor Total:	\$3,300.48
CANDICE RASMASON	TR 10/25-28/22	TRAVEL REIMBRUSEMENT	\$42.99	20013210-57100	LEARNING AND DEVELOPMENT	\$42.99
					Vendor Total:	\$42.99
CHROMAGRAPHS	70700	BUSINESS CARDS - S OROPEZA	\$71.57	10023320-54100	SUPPLIES	\$71.57
	70697	BUSINESS CARDS - T MOCKEL, M CEJA	\$121.98	20012200-54100	SUPPLIES	\$121.98
					Vendor Total:	\$193.55
CITY OF UKIAH	P-7995	BUILDING PERMIT - CDBG GRANT	\$330.00	73022600-80100	MACHINERY & EQUIPMENT	\$330.00
	P-7993	BUILDING PERMIT - CDBG GRANT	\$5,172.80	73022600-80100	MACHINERY & EQUIPMENT	\$5,172.80
					Vendor Total:	\$5,502.80
CLERK- RECORDER, MENDOCINO COUNTY	DV120522	GENERAL PLAN UPDATE EIR FILING FEES	\$3,589.25	31523100-59101	FEES	\$3,589.25
					Vendor Total:	\$3,589.25
COFFEE CRITIC INC, THE	R30036	MISC. COFFEE SUPPLIES AS NEEDED	\$100.00	20012200-54100	SUPPLIES	\$100.00
					Vendor Total:	\$100.00
COLE PARMER INSTRUMENT COMPANY LLC	3301187	REPLACEMENT SENSOR FOR PH METER	\$142.45	84027225-54103	LAB SUPPLIES	\$142.45
					Vendor Total:	\$142.45
COMCAST	5488 DEC 22	INTERNET SERVICES	\$113.42	10521210-55100	TELEPHONE	\$113.42
					Vendor Total:	\$113.42
CORDICO INC	INVCOR553	WELLNESS APP	\$5,000.00	10521210-52100	CONTRACTUAL SERVICES	\$3,500.00
				71021100-52100	CONTRACTUAL SERVICES	\$1,500.00
					Vendor Total:	\$5,000.00
COUNTRY MEDIA INC	353631	EMPLOYMENT ADS POLICE	\$116.00	10020210-52515	ADVERTISING & PUBLICATION	\$116.00
					Vendor Total:	\$116.00
DAVID RAPPORT	7453	LEGAL SERVICES FOR FY 22/23	\$38,680.42	10514000-52150	LEGAL SERVICES/ EXPENSES	\$3,804.48
				20014000-52150	LEGAL SERVICES/ EXPENSES	\$22,080.40

List of Checks Presented for Approval on 12/9/2022

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
DAVID RAPPORT	7453	LEGAL SERVICES FOR FY 22/23	\$38,680.42	80014000-52150	LEGAL SERVICES/ EXPENSES	\$776.49
				90214000-52150	LEGAL SERVICES/ EXPENSES	\$12,019.05
				Vendor Total:		\$38,680.42
DEPARTMENT OF JUSTICE	619727	CHEM/TEST & CLETS-CRIMINAL INV	\$735.00	10020210-52100	CONTRACTUAL SERVICES	\$735.00
	615386	CHEM/TEST & CLETS-CRIMINAL INV	\$96.00	10020210-54169	LIVESCAN	\$96.00
	Vendor Total:		\$831.00			
DEVON KING	TR 10/30-11/3/22	TRAVEL REIMBURSEMENT	\$289.64	20013220-57100	LEARNING AND DEVELOPMENT	\$289.64
					Vendor Total:	
DIANA VAN DER BYL	98535-1	PHOTOVOLTAIC	\$224.91	90100000-10421	UTILITY RECEIVABLES CLEARING	\$224.91
					Vendor Total:	
DOOLITTLE HOLDINGS LLC	2122249 1	SLURRY SEAL OF LOCAL STREETS -	\$608,922.56	12024200-52100	CONTRACTUAL SERVICES	\$608,922.56
					Vendor Total:	
EFFICIENCY SERVICES GROUP LLC	00007825	ADMIN OF EUD PUBLIC BENEFITS P	\$57,008.00	80626450-52135	ENERGY CONSERVATION PROGRAM	\$57,008.00
					Vendor Total:	
EMS TECHNOLOGY SOLUTIONS LLC	48560	#Q10018 ANNUAL INVENTORY & AS	\$5,520.00	10521210-52100	CONTRACTUAL SERVICES	\$5,520.00
					Vendor Total:	
ENHANCED VEHICLE APPLICATIONS LLC	INV145974	MONTHLY DATA SERVICE	\$180.00	10020210-52100	CONTRACTUAL SERVICES	\$180.00
					Vendor Total:	
EPIC AVIATION LLC	BB7629209	JET A FUEL	\$26,666.18	77725200-58401	AVIATION FUEL	\$26,666.18
					Vendor Total:	
EVERGREEN JOB & SAFETY TRAINING INC	1562	JOB AND SAFETY TRAINING - JULY	\$2,303.00	80026110-52100	CONTRACTUAL SERVICES	\$2,303.00
					Vendor Total:	
EVOQUA WATER TECHNOLOGIES LLC	905614716	SEAL-PIPE, 10" S/P, OIL RESIST	\$8,847.92	84027225-56120	EQUIPMENT MAINTENANCE & REPAIR	\$8,847.92
					Vendor Total:	
FARWEST LINE SPECIALTIES LLC	369509	RIPLEY 1/2" SQUARE DRIVE HEX S	\$2,588.92	80026110-54102	SMALL TOOLS	\$2,588.92
					Vendor Total:	

List of Checks Presented for Approval on 12/9/2022

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
FASTENAL	CAUKA46978	STAINLESS PIPE FITTINGS	\$253.37	84027225-56120	EQUIPMENT MAINTENANCE & REPAIR	\$253.37
	CAUKA46931	MISC. SUPPLIES AS NEEDED	\$1,162.48	84027225-56120	EQUIPMENT MAINTENANCE & REPAIR	\$1,162.48
	CAUKA46945	4G INST ADH LIQUID	\$5.81	20324100-56112	EQUIPMENT PARTS FOR RESALE	\$5.81
	CAUKA46960	HCS1/4-20X2 1/2 Z5, 1/4-20 NTE JAMNYLOK	\$102.11	10024620-54120	PW - SPECIAL SUPPLIES	\$102.11
	CAUKA46929	15GLHVSFL GLV PR	\$204.49	84027221-54100	SUPPLIES	\$204.49
Vendor Total:						\$1,728.26
FERGUSON US HOLDINGS INC	1756775	RUBBER METER GASKETS	\$195.98	82027114-54100	SUPPLIES	\$195.98
	Vendor Total:					\$195.98
GARTON TRACTOR INC	P0066407	COUPLING , HYD MACK HOSE	\$35.71	10024620-56130	EXTERNAL SERVICES	\$35.71
	P0031007	KIT FILTER MAIN	\$153.82	84027225-56130	EXTERNAL SERVICES	\$153.82
	Vendor Total:					\$189.53
GHD INC	380-0023700	ORR STREET BRIDGE & TRANSPORTA	\$426.26	12024200-80230	INFRASTRUCTURE	\$426.26
	380-0023360	DOWNTOWN STREETSCAPE - UNDERGR	\$6,215.00	12024200-80230	INFRASTRUCTURE	\$4,290.08
				50924200-80230	INFRASTRUCTURE	\$234.92
				82227113-80230	INFRASTRUCTURE	\$845.00
				84427221-80230	INFRASTRUCTURE	\$845.00
Vendor Total:						\$6,641.26
GINA GRECO	DV112922	INSTRUCTOR	\$1,186.15	10022850-52100	CONTRACTUAL SERVICES	\$1,186.15
Vendor Total:						\$1,186.15
GRAINGER INC	9518832762	GREASE FITTING	\$37.57	84027225-56120	EQUIPMENT MAINTENANCE & REPAIR	\$37.57
	9509448982	MARINE ADHESIVE SEALANT	\$1,007.84	84027225-56120	EQUIPMENT MAINTENANCE & REPAIR	\$1,007.84
Vendor Total:						\$1,045.41
GRANITE CONSTRUCTION COMPANY	2365859	STATE AND DORA REHABILITATION	\$367,619.89	25224220-80230	INFRASTRUCTURE	\$367,619.89
Vendor Total:						\$367,619.89
HANSEL FORD	1260918	HANDLE	\$23.93	10020210-56130	EXTERNAL SERVICES	\$23.93
	1260102	PIPE - FUEL	\$225.78	10020210-56130	EXTERNAL SERVICES	\$225.78
	1259844	MISC. ITEMS AS NEEDED	\$401.80	80026110-56130	EXTERNAL SERVICES	\$401.80

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Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
HANSEL FORD	1260138	WEATHER STRIPING	\$27.12	82027114-56130	EXTERNAL SERVICES	\$27.12
					Vendor Total:	\$678.63
HERC RENTALS INC	113022	LATE FEES	\$16.60	10022810-59101	FEES	\$3.32
				82027111-59101	FEES	\$3.32
				84027225-59101	FEES	\$3.32
				20413500-54100	SUPPLIES	\$3.32
				80026110-54100	SUPPLIES	\$3.32
	33323616-001	FORKLIFT CERTIFICATION TRAINING	\$4,000.00	20324100-57100	LEARNING AND DEVELOPMENT	\$1,000.00
				20824700-57100	LEARNING AND DEVELOPMENT	\$400.00
				77725200-57100	LEARNING AND DEVELOPMENT	\$400.00
				82027111-57100	LEARNING AND DEVELOPMENT	\$1,000.00
				84027225-57100	LEARNING AND DEVELOPMENT	\$1,200.00
					Vendor Total:	\$4,016.60
HOME DEPOT CREDIT SERVICES	8361761	DOOR STOPS, HINGE PIN	\$13.76	73022600-56300	BUILDING MAINT. & REPAIR	\$13.76
	5352981	OFFSET BINDER BAR, SEAM BINDER	\$30.96	73022600-56300	BUILDING MAINT. & REPAIR	\$30.96
	5521663	WALL STRIPPER, EDGE SCRAPER, WIRE BRUSH	\$48.21	82027111-56300	BUILDING MAINT. & REPAIR	\$48.21
	6012358	SEAL CORD PROTECTOR, JACK STAND, EXTENSION CORD	\$182.80	84027225-56120	EQUIPMENT MAINTENANCE & REPAIR	\$182.80
	5012393	PIPE WRAP TAPE, EXTENSION CORDS CORD PROTECTORS	\$404.57	84027225-56120	EQUIPMENT MAINTENANCE & REPAIR	\$404.57
	3540148	HUSKY ATION HOE W CUSHION GRIP	\$182.78	10022100-54102	SMALL TOOLS	\$182.78
	4541122	DOME LED LIGHTS	\$95.64	10022100-54100	SUPPLIES	\$95.64
	0011448	SEALANT, TUBE CUTTER, FITTINGS	\$114.54	10022100-54100	SUPPLIES	\$114.54
	6021261	DAYCAMP SUPPLIES	\$661.27	10022840-54100	SUPPLIES	\$661.27
	3213794	HOLIDAY DECORATIONS - WTP	\$347.03	10024620-54100	SUPPLIES	\$115.67
				82027114-54100	SUPPLIES	\$115.68
				84027225-54100	SUPPLIES	\$115.68

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Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
HOME DEPOT CREDIT SERVICES	6012361	CHRISTMAS TREE, 3YR WARRANTY	\$563.85	20012200-54100	SUPPLIES	\$563.85
	1370732	COB LED	\$177.74	73022600-54100	SUPPLIES	\$177.74
Vendor Total:						\$2,823.15
ICC GENERAL CODE INC	GC0009314	CODIFICATION SERVICES AS PER A	\$357.75	20012500-52100	CONTRACTUAL SERVICES	\$357.75
	Vendor Total:					\$357.75
INNOVATIVE UTILITY PRODUCTS CORP	00007718	REPAIRS ON FAULT WIZARD	\$858.46	80026120-54100	SUPPLIES	\$858.46
	Vendor Total:					\$858.46
INTERSTATE BATTERIES	380051947	BATTERIES	\$183.13	82027111-56120	EQUIPMENT MAINTENANCE & REPAIR	\$17.57
				82027114-56130	EXTERNAL SERVICES	\$165.56
	380052034	BATTERIES	\$167.56	82027114-56130	EXTERNAL SERVICES	\$167.56
	403057	BATTERIES	\$154.87	84027225-56130	EXTERNAL SERVICES	\$154.87
	Vendor Total:					\$505.56
INTERWEST CONSULTING GROUP INC	83135	ON-CALL BUILDING & PLAN CHECK	\$69,719.09	10023320-52100	CONTRACTUAL SERVICES	\$69,719.09
	Vendor Total:					\$69,719.09
JACK MILLER	22203	BI-WEEKLY SCADA MAINTENANCE	\$5,602.83	82027111-52100	CONTRACTUAL SERVICES	\$5,602.83
	Vendor Total:					\$5,602.83
JENNIFER HIGBEE	D3 11/21/22	CERTIFICATION RENEWAL D3	\$90.00	82027111-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$90.00
	T3 11/17/22	CERTIFICATION RENEWAL T3	\$90.00	82027111-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$90.00
	Vendor Total:					\$180.00
JENNIFER M BRAUS	20222342	AMBULANCE BILLING SERVICES	\$2,824.88	71021100-52110	AMBULANCE BILLING	\$2,824.88
	Vendor Total:					\$2,824.88
KIMBALL MIDWEST	100519223	3PC SP EDGE STEP REAM	\$265.66	82027114-54102	SMALL TOOLS	\$265.66
	Vendor Total:					\$265.66
LARRY WALKER ASSOCIATES INC	00564.08-14	CONSULTING SVCS - NPDES & RECY	\$12,069.75	84027225-52100	CONTRACTUAL SERVICES	\$12,069.75
	Vendor Total:					\$12,069.75
LAURENCE R CASTELLO	22-01	NURSERY TREES	\$605.29	10022100-54100	SUPPLIES	\$605.29
	22-02	NURSERY TREES	\$277.64	10022100-54100	SUPPLIES	\$277.64
	Vendor Total:					\$882.93

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Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
LAWRENCE & ASSOCIATES	28982	ANNUAL LANDFILL GAS EXTRACTION	\$3,156.35	70024500-52100	CONTRACTUAL SERVICES	\$3,156.35
					Vendor Total:	\$3,156.35
LES SCHWAB TIRE CENTER	64000617876	FOAM FILL	\$1,031.87	84027225-56120	EQUIPMENT MAINTENANCE & REPAIR	\$1,031.87
	64000641220	LACLEDE CHAIN	\$463.76	10521210-56130	EXTERNAL SERVICES	\$231.88
				10521210-56130	EXTERNAL SERVICES	\$231.88
	64000614133	ALIGNMENT	\$109.99	80026110-56130	EXTERNAL SERVICES	\$109.99
	64000616132	ALIGNMENT	\$109.99	80026110-56130	EXTERNAL SERVICES	\$109.99
	64000616329	TIRES, BALANCE, TUBELESS METAL STEMS	\$1,249.98	82027111-56130	EXTERNAL SERVICES	\$1,249.98
	64000616286	TIRES, BALANCE, PRESSURE MONITORING	\$705.56	82027114-56130	EXTERNAL SERVICES	\$705.56
					Vendor Total:	\$3,671.15
LIEBERT CASSIDY WHITMORE	228285	LEGAL SERVICES PERTAINING TO E	\$2,174.00	20016100-52150	LEGAL SERVICES/EXPENSES	\$2,174.00
					Vendor Total:	\$2,174.00
LIFE ASSIST INC	1266789	MIS. EMS SUPPLIES AS NEEDED	\$120.82	10521210-54107	EMS SUPPLIES	\$60.41
				71021100-54107	EMS SUPPLIES	\$60.41
	1267795	MIS EMS SUPPLIES AS NEEDED	\$746.48	10521210-54107	EMS SUPPLIES	\$373.24
				71021100-54107	EMS SUPPLIES	\$373.24
					Vendor Total:	\$867.30
LORELEI SCOTT	10936	HOLIDAY ON ICE BANNER	\$178.22	31422860-54100	SUPPLIES	\$178.22
					Vendor Total:	\$178.22
MARK CLEMENTI PHD	11-01-22PD	PRE-EMPLOYMENT PSYCHOLOGICAL EVALUATION	\$774.00	10020210-54161	BACKGROUND & PHYSICALS	\$774.00
					Vendor Total:	\$774.00
MATHESON TRI-GAS INC	0026615583	OXYGEN & MISC. AS NEEDED	\$114.88	80026210-54100	SUPPLIES	\$114.88
					Vendor Total:	\$114.88
MEAD & HUNT INC	340090	UKIAH AIRPORT RUNWAY EXTENSION	\$6,591.88	77725200-52100	CONTRACTUAL SERVICES	\$6,591.88
					Vendor Total:	\$6,591.88
MENDOCINO COUNTY TAX COLLECTOR	1283456 22/23	22/23 PROPERTY TAX 1ST INSTALLMENT	\$136.25	10022100-59100	PROPERTY TAXES PAID	\$136.25
	1304558 22/23	22/23 PROPERTY TAX 1ST INSTALLMENT	\$685.20	10022100-59100	PROPERTY TAXES PAID	\$685.20
	1244057 22/23	22/23 PROPERTY TAX 1ST INSTALLMENT	\$2,777.35	10022100-59100	PROPERTY TAXES PAID	\$2,777.35

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Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
MENDOCINO COUNTY TAX COLLECTOR	1380509 22/23	22/23 PROPERTY TAX 1ST INSTALLMENT	\$400.61	70024500-59100	PROPERTY TAXES PAID	\$400.61
	1299227 22/23	22/23 PROPERTY TAX 1ST INSTALLMENT	\$1,041.00	70024500-59100	PROPERTY TAXES PAID	\$1,041.00
	1327961 22/23	22/23 PROPERTY TAX 1ST INSTALLMENT	\$636.64	77725200-59100	PROPERTY TAXES PAID	\$636.64
	1281288 22/23	22/23 PROPERTY TAX 1ST INSTALLMENT	\$437.97	82027110-59100	PROPERTY TAXES PAID	\$437.97
	1292397 22/23	22/23 PROPERTY TAX 1ST INSTALLMENT	\$438.59	82027110-59100	PROPERTY TAXES PAID	\$438.59
	1322106 22/23	22/23 PROPERTY TAX 1ST INSTALLMENT	\$490.21	82027110-59100	PROPERTY TAXES PAID	\$490.21
	1314860 22/23	22/23 PROPERTY TAX 1ST INSTALLMENT	\$688.91	82027110-59100	PROPERTY TAXES PAID	\$688.91
	1261034 22/23	22/23 PROPERTY TAX 1ST INSTALLMENT	\$778.64	82027110-59100	PROPERTY TAXES PAID	\$778.64
	1246877 22/23	22/23 PROPERTY TAX 1ST INSTALLMENT	\$818.42	82027110-59100	PROPERTY TAXES PAID	\$818.42
	1289902 22/23	22/23 PROPERTY TAX 1ST INSTALLMENT	\$1,372.94	82027110-59100	PROPERTY TAXES PAID	\$1,372.94
	1385853 22/23	22/23 PROPERTY TAX 1ST INSTALLMENT	\$3,987.14	82027110-59100	PROPERTY TAXES PAID	\$3,987.14
	1295592 22/23	22/23 PROPERTY TAX 1ST INSTALLMENT	\$1,140.73	84027225-59100	PROPERTY TAXES PAID	\$1,140.73
	1359498 22/23	22/23 PROPERTY TAX 1ST INSTALLMENT	\$2,496.69	84027225-59100	PROPERTY TAXES PAID	\$2,496.69
	Vendor Total:					\$18,327.29
MICHAEL BAKER TR 10/27-28/22		TRAVEL REIMBURSEMENT	\$491.37	10521210-57100	LEARNING AND DEVELOPMENT	\$491.37
					Vendor Total:	\$491.37
MINTIER HARNISH LP	UKIAHGPU-34	GPU, EIR & ADVANCED PLANNING S	\$30,474.34	31523100-52100	CONTRACTUAL SERVICES	\$30,474.34
					Vendor Total:	\$30,474.34
NANCY SKELLY	DV111022	INSTRUCTOR	\$576.00	10022850-52100	CONTRACTUAL SERVICES	\$576.00
					Vendor Total:	\$576.00
NICK BARBIERI TRUCKING LLC	0012340-IN	CARDLOCK FUEL PURCHASES	\$923.36	73022600-56120	EQUIPMENT MAINTENANCE & REPAIR	\$923.36
	0011496-IN	CARDLOCK FUEL PURCHASES	\$137.85	20324100-58410	GARAGE LUBRICANTS & PARTS	\$137.85
	0011798-IN	CARDLOCK FUEL PURCHASES	\$1,895.07	20324100-58410	GARAGE LUBRICANTS & PARTS	\$1,895.07
	Vendor Total:					\$2,956.28
OCCU-MED LTD	1122511	PRE-EMPLOYMENT PHYSICAL	\$2,746.80	20016100-54161	BACKGROUND & PHYSICALS	\$1,775.00
				71021100-54161	BACKGROUND & PHYSICALS	\$971.80
				Vendor Total:		\$2,746.80
OLIN CORPORATION	900209817	LIQUID SODIUM HYPOCHLORITE FY	\$10,725.58	84027225-58202	CHEMICALS	\$10,725.58
					Vendor Total:	\$10,725.58

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Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
ONE TIME PAY VENDOR	85622	ENERGY REBATE - SAMUEL LOGAN	\$1,000.00	80626450-52135	ENERGY CONSERVATION PROGRAM	\$1,000.00
	002953	REC REFUND - CHRIS HEFTE	\$100.00	10022850-44915	RECREATION PROGRAM INCOME	\$100.00
	Vendor Total:					\$1,100.00
ONLINE INFORMATION SRVS INC	1157615	UTILITY EXCHANGE REPORTING FY	\$178.55	20513300-52100	CONTRACTUAL SERVICES	\$178.55
	Vendor Total:					\$178.55
OWEN EQUIPMENT SALES	00058345	AIR CYLINDER	\$126.77	84027221-56130	EXTERNAL SERVICES	\$126.77
	Vendor Total:					\$126.77
PAC MACHINE CO INC	88531	600-DL-AL 6 ALUM COUPLER, 6X10 AQUA HD M X F CAM	\$3,524.48	82027114-54100	SUPPLIES	\$3,524.48
	Vendor Total:					\$3,524.48
PACE SUPPLY CORPORATION	CM028135079	RETURN - GASKET 45 ELL	(\$45.60)	82000000-12104	INVENTORY - PURCHASES	(\$45.60)
	028135079	SEWER SADDLE FORD, GASKETED 45 ELL	\$52.97	82000000-12104	INVENTORY - PURCHASES	\$52.97
	028153067	GASKETED 22-1/2 ELL	\$54.99	82000000-12104	INVENTORY - PURCHASES	\$54.99
	Vendor Total:					\$62.36
PARKER, LUCAS AND ASSOCIATES	31	UNDERWRITING SERVICES FOR BUSI	\$1,237.00	61123410-52100	CONTRACTUAL SERVICES	\$1,237.00
	30	UNDERWRITING SERVICES FOR BUSI	\$2,750.00	61123410-52100	CONTRACTUAL SERVICES	\$2,750.00
	Vendor Total:					\$3,987.00
PETERSON POWER SYSTEMS INC	PR060020079	CORE RETURN	(\$10.79)	10024620-56130	EXTERNAL SERVICES	(\$10.79)
	PC060178811	BATTERY, CORE DEPOSIT	\$147.18	10024620-56130	EXTERNAL SERVICES	\$147.18
	PC060178810	ELEMENTS, PAIL, RING, FILTER	\$705.58	84027221-56130	EXTERNAL SERVICES	\$705.58
	PC060178531	BATTERY, CORE DEPOSIT	\$618.15	20324100-58510	REIMBURSABLE JOBS	\$618.15
	Vendor Total:					\$1,460.12
PG&E CO	3822-9 OCT 22	PACIFIC GAS & ELECTRIC	\$6,831.33	84027225-55200	PG&E	\$3,597.67
				10022100-55210	UTILITIES	\$7.84
				10022300-55210	UTILITIES	\$7.84
				10022700-55210	UTILITIES	\$38.03
				20824700-55210	UTILITIES	\$159.45
				70024500-55210	UTILITIES	\$495.75
				73022600-55210	UTILITIES	\$7.84

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PG&E CO	3822-9 OCT 22	PACIFIC GAS & ELECTRIC	\$6,831.33	77725200-55210	UTILITIES	\$9.53
				82027111-55210	UTILITIES	\$2,441.84
				84027221-55210	UTILITIES	\$65.54
				Vendor Total:		\$6,831.33
PITNEY BOWES INC	1021946016	POSTAGE MACHINE LEASE AND SUPP	\$166.55	73022600-54101	POSTAGE	\$166.55
				Vendor Total:		\$166.55
PSOMAS	190001	LAND SURVEY & MAPPING SVCS-WES	\$10,676.88	20012300-52100	CONTRACTUAL SERVICES	\$4,270.74
				82027111-52100	CONTRACTUAL SERVICES	\$3,203.07
				80126100-80230	INFRASTRUCTURE	\$3,203.07
				Vendor Total:		\$10,676.88
REXEL USA INC	3H44321	MISC. ELECTRICAL SUPPLIES AS N	\$41.11	82027111-56300	BUILDING MAINT. & REPAIR	\$41.11
	3J47828	MISC. ELECTRICAL SUPPLIES AS N	\$340.57	82027111-54102	SMALL TOOLS	\$340.57
	3H30628	RETURN ORDER 3F28636	(\$101.47)	73022600-54100	SUPPLIES	(\$101.47)
	3I79190	MISC. ELECTRICAL SUPPLIES AS N	\$48.34	80026110-54100	SUPPLIES	\$48.34
			Vendor Total:		\$328.55	
RICHARD THORNTON	0000014643	TELEPHONE PRODUCTS & SERVICES	\$125.00	10020210-52100	CONTRACTUAL SERVICES	\$125.00
	0000014635	TELEPHONE PRODUCTS & SERVICES	\$62.50	20913900-52100	CONTRACTUAL SERVICES	\$62.50
			Vendor Total:		\$187.50	
RINO PACIFIC	CL38980	FUEL CARD CHARGES AS NEEDED	\$4,271.44	10020210-56210	FUEL & FLUIDS	\$4,271.44
	CL38956	FUEL CARD CHARGES AS NEEDED	\$2,954.14	10521210-56210	FUEL & FLUIDS	\$2,617.55
				71021100-56210	FUEL & FLUIDS	\$336.59
	CL38966	FUEL CARD CHARGES AS NEEDED	\$73.19	20324100-56210	FUEL & FLUIDS	\$73.19
	CL38979	FUEL CARD CHARGES AS NEEDED	\$145.46	80026400-56210	FUEL & FLUIDS	\$145.46
			Vendor Total:		\$7,444.23	
ROCKWELL SOLUTIONS INC	3001	PUMP LOBE KIT, BEARING CHARGE KIT	\$4,409.43	84027225-56120	EQUIPMENT MAINTENANCE & REPAIR	\$4,409.43
				Vendor Total:		\$4,409.43
ROGINA WATER COMPANY	14355 OCT 22	WATER SERVICE - 1301 TALMAGE RD	\$25.56	10521210-55210	UTILITIES	\$25.56
				Vendor Total:		\$25.56

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Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
SAFEWAY INC	NOV 22	MISC. PURCHASES AS REQUIRED	\$169.56	10020210-54100	SUPPLIES	\$99.18
				10022700-54100	SUPPLIES	\$32.74
				73022600-54100	SUPPLIES	\$18.07
				73022600-54100	SUPPLIES	\$19.57
				Vendor Total:		\$169.56
SAFEWAY SIGN CO	53891	24X6-8DG3W-520 SNS COBK	\$1,015.80	10024620-54127	PW - SIGN POSTS/SHEETING	\$1,015.80
				Vendor Total:		\$1,015.80
SARAH BROWN	TR 10/25-28/22	TRAVEL REIMBURSEMENT	\$42.99	20013210-57100	LEARNING AND DEVELOPMENT	\$21.49
				20013220-57100	LEARNING AND DEVELOPMENT	\$21.50
	TR 10/31-11/3/22	TRAVEL REIMBRUSEMENT	\$135.72	20013220-57100	LEARNING AND DEVELOPMENT	\$135.72
				Vendor Total:		\$178.71
	SNAP-ON INDUSTRIAL	ARV/55324993	TERMINAL TOOL PCM	\$10.78	20324100-54102	SMALL TOOLS
ARV/55307322		IMPACT WRENCH, SHL SKT	\$452.12	84027221-54102	SMALL TOOLS	\$452.12
Vendor Total:		\$462.90				
STAPLES CREDIT PLAN	7367572647-0	DVD, CD/DVD, CORRECTION TAPE	\$87.70	10020210-54100	SUPPLIES	\$87.70
	7368367269-0	HP 38A BLACK INK	\$181.34	10020210-54100	SUPPLIES	\$181.34
	7367800134-0	INDEX CARDS, BINDER, CHAIR MAT, QUICK STR LETTER	\$307.38	10020210-54100	SUPPLIES	\$307.38
	7369053823-0	DUCT TAPE, SCOTCH TAPE	\$58.74	10022810-54100	SUPPLIES	\$58.74
	7601700193-0	ERAS RED RVS, WALL CALANDER	\$83.46	10024210-54100	SUPPLIES	\$83.46
	7367906503-0	POSTIT NOTES, ELEC PENCIL SHARPENER, PAPER, TISSUE	\$250.72	10521210-54100	SUPPLIES	\$250.72
	7360958500-0	PRESS BOARDS	\$43.64	20013210-54100	SUPPLIES	\$43.64
	7601531505-0	SONADA GUEST CHAIRS	\$301.98	20013210-54100	SUPPLIES	\$226.49
				20013220-54100	SUPPLIES	\$75.49
	7367850553-0	DIGITAL CERAMIC COMPACT TOWER	\$48.54	20013401-54100	SUPPLIES	\$48.54
	7602358535-0	CARDSTOCK	\$141.32	31422860-54100	SUPPLIES	\$141.32
Vendor Total:		\$1,504.82				

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Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
STB ELECTRICAL TEST EQUIPMENT INC	68647	RUBBER TESTING	\$856.15	80026110-52100	CONTRACTUAL SERVICES	\$856.15
					Vendor Total:	\$856.15
STEVEN RATLEY	2202-08	ARCHITECTURAL SVC & PLANS FOR	\$4,625.00	80126100-80220	BUILDING IMPROVEMENTS	\$4,625.00
					Vendor Total:	\$4,625.00
SYDNEY DEARBORN	T0771419	DEC 22 REIMBURSEMENT - MEDICAL INSURANCE	\$145.65	91500000-20561	ACCRUED SICK	\$145.65
					Vendor Total:	\$145.65
THIRD DEGREE COMMUNICATIONS INC	11854	REGISTRATION - C RIGBY	\$595.00	10020210-57100	LEARNING AND DEVELOPMENT	\$595.00
					Vendor Total:	\$595.00
TIM SANTO	DV120522	STORAGE BINS - PARADE LIGHTS	\$51.66	80026120-54100	SUPPLIES	\$51.66
					Vendor Total:	\$51.66
TRITECH SOFTWARE SYSTEMS	356936	INFORM RMS 3-DAY WORKSHOP AND	\$7,995.00	10020210-54320	SOFTWARE	\$5,723.95
				20620231-54320	SOFTWARE	\$2,271.05
					Vendor Total:	\$7,995.00
UKIAH TROPHIES & GIFTS	190055	MAYORS PLAQUE 2022	\$174.20	20012500-52100	CONTRACTUAL SERVICES	\$174.20
					Vendor Total:	\$174.20
UKIAH VALLEY DELI	1055	REC DEPT LUNCHEON	\$116.28	90000000-23256	SPECIAL EVENTS TRUST	\$116.28
					Vendor Total:	\$116.28
UKIAH WASTE SOLUTIONS, INC	174658803U034	BIOSOLID REMOVAL	\$7,475.89	84027225-52100	CONTRACTUAL SERVICES	\$7,475.89
					Vendor Total:	\$7,475.89
UNITED SITE SERVICES	INV-01130114	PORTABLE TOILET RENTAL CONTRAC	\$38.39	82027111-54100	SUPPLIES	\$38.39
					Vendor Total:	\$38.39
WAXIE SANITARY SUPPLY	81315879	MICROBURST DEODORIZER	\$107.54	20012200-54100	SUPPLIES	\$107.54
					Vendor Total:	\$107.54
WILLOW COUNTY WATER DIST	10010 NOV 22	WATER SERVICES - 1500 S STATE ST	\$50.32	10521210-55210	UTILITIES	\$50.32
	40351 NOV 22	WATER SERVICE - 1640 S STATE ST	\$101.47	31122000-55210	UTILITIES	\$101.47
	40353 NOV 22	WATER SERVICE - 1640 S STATE ST	\$114.86	31122000-55210	UTILITIES	\$114.86
	81154 NOV 22	WATER SERVICE - SEWER TREATMENT PLANT	\$117.77	84027225-55210	UTILITIES	\$117.77
					Vendor Total:	\$384.42
WYATT IRRIGATION CO	307403 01	IRRITROL PROMAX-UA PROMAX COMP	\$1,552.23	10022100-52100	CONTRACTUAL SERVICES	\$1,552.23

List of Checks Presented for Approval on 12/9/2022

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
WYATT IRRIGATION CO	311041 01	SLIP PVC CAPS	\$9.71	10022100-54100	SUPPLIES	\$9.71
	311840 01	PARTS AND MISC. SUPPLIES AS NE	\$11.01	10022100-54100	SUPPLIES	\$11.01
	311479 01	PL-60-PHS-WW PL W/3/4 FH SWVL	\$12.73	10022100-54100	SUPPLIES	\$12.73
Vendor Total:						\$1,585.68
INVOICE TOTAL:						\$1,502,035.95

List of Checks Presented for Approval on 12/16/2022

The following list of bills payable was reviewed and approved for payment.

Sgt. Sargis

D. R. J.

CR

Signature

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
ALHAMBRA NATIONAL WATER	5109554 120622	DRINKING WATER SERVICES	\$104.89	84027225-54100	SUPPLIES	\$104.89
Vendor Total:						\$104.89
ALL STAR FIRE EQUIPMENT, INC	243959	LION CVFM V-FORCE COAT PER UKI	\$26,401.30	10521210-54106	SPECIALTY SUPPLIES	\$1,927.33
						\$10,284.12
						\$14,189.85
Vendor Total:						\$26,401.30
ALPHA ANALYTICAL LABORATORIES INC	2114671-UKIAHLF	LEACHATE - 5 YEAR COC PER INVO	\$2,646.00	70024500-52100	CONTRACTUAL SERVICES	\$2,646.00
						\$11,128.00
						\$13,682.00
						\$14,254.00
						\$16,197.00
Vendor Total:						\$57,907.00
AMAZON CAPITAL SERVICES, INC	16K6-1X1M-MP71	STREEMLIGHT	\$128.94	20324100-56112	EQUIPMENT PARTS FOR RESALE	\$128.94
						\$422.20
						\$378.20
						\$56.88
						\$563.98
						\$733.09
						\$936.20
Vendor Total:						\$3,219.49
AT&T	000019157712	T1 TO INTERNET FOR DOJ/CLETS	\$307.40	10020210-55100	TELEPHONE	\$153.70
						\$153.70
						\$582.47
						\$1,432.48

List of Checks Presented for Approval on 12/16/2022

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
AT&T	000019183186	TELEPHONE SERVICES	\$4,971.86	20913900-55100	TELEPHONE	\$4,971.86
Vendor Total:						\$7,294.21
AUGMENTED MEDIA, LLC	03412006	DISPLAY AD DEC 22	\$350.00	31422860-54100	SUPPLIES	\$350.00
Vendor Total:						\$350.00
BADGER METER INC	1544888	BMI PART# 101-0276, #102-3295	\$2,450.69	82000000-12104	INVENTORY - PURCHASES	\$2,450.69
Vendor Total:						\$2,450.69
BELKORP AG	849530	OIL FILTER	\$39.89	10022100-56130	EXTERNAL SERVICES	\$39.89
	851587	V-BELT	\$75.79	10022100-56130	EXTERNAL SERVICES	\$75.79
	852077	V-BELT, BRACKET	\$211.36	10022100-56130	EXTERNAL SERVICES	\$211.36
	Vendor Total:					
BETHANY POWERS	97088	PHOTOVOLTAIC	\$81.38	90100000-10421	UTILITY RECEIVABLES CLEARING	\$81.38
Vendor Total:						\$81.38
BRANDON COLLIS BEGLEY	17	ALS MEDICAL DIRECTION OVERSIGHT	\$500.00	10521210-52112	M. S. OVERSIGHT	\$400.00
				71021100-52112	M. S. OVERSIGHT	\$100.00
	18	ALS MEDICAL DIRECTION OVERSIGHT	\$500.00	10521210-52112	M. S. OVERSIGHT	\$400.00
				71021100-52112	M. S. OVERSIGHT	\$100.00
Vendor Total:						\$1,000.00
BUSINESS CARD	SF-D 25659	FACEBOOK ADVERTISING	\$135.88	20012300-52510	ADVERTISING & PROMOTION	\$135.88
	9812	COU PORAC JOB POSTING	\$596.25	10020210-52515	ADVERTISING & PUBLICATION	\$596.25
	PN12223	UKIAH PD 1/4 PAGE DEC PORAC	\$1,054.00	10020210-52515	ADVERTISING & PUBLICATION	\$1,054.00
	2589036	POTA POX PLUS DELFT BLUE, THINNER	\$752.21	82027111-56300	BUILDING MAINT. & REPAIR	\$752.21
	5142B937	REMARKABLE TABLETS	\$1,688.65	20012100-54330	COMPUTER AND TECHNOLOGY	\$1,688.65
	220017399	GOLD BRUST ACRYLIC ART PLAQUE W/EASEL	\$123.67	20012500-52100	CONTRACTUAL SERVICES	\$123.67
	272D405V	QUERY PLAN	\$62.50	20016100-54166	DOT TESTING PROGRAM	\$62.50
	09917J	CHRISTMAS GIFTBOXES	\$8.17	20016100-54167	EMPLOYEE DEVELOPMENT	\$8.17
	STMT 120722 1	FINANCE FEES	\$1.16	20013210-54700	FINES & PENALTIES	\$1.16
	STMT 120722 8	FINANCE FEES	\$1.69	20013210-54700	FINES & PENALTIES	\$1.69
	STMT 120722 4	FINANCE FEES	\$58.28	20013210-54700	FINES & PENALTIES	\$58.28

List of Checks Presented for Approval on 12/16/2022

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
BUSINESS CARD	STMT 120722 3	FINANCE FEES	\$80.04	20013210-54700	FINES & PENALTIES	\$80.04
	STMT 120722 5	FINANCE FEES	\$93.89	20013210-54700	FINES & PENALTIES	\$93.89
	STMT 120722 2	FINANCE FEES	\$95.85	20013210-54700	FINES & PENALTIES	\$95.85
	STMT 120722 6	FINANCE FEES	\$100.11	20013210-54700	FINES & PENALTIES	\$100.11
	STMT 120722 7	FINANCE FEES	\$130.98	20013210-54700	FINES & PENALTIES	\$130.98
	STMT 120722	FINANCE FEES	\$481.38	20013210-54700	FINES & PENALTIES	\$481.38
	SF-D 26506	REGISTRATION - PARKS	\$190.00	10022100-57100	LEARNING AND DEVELOPMENT	\$190.00
	1667837074	REGISTRATION - M KEIZER	\$25.00	10023320-57100	LEARNING AND DEVELOPMENT	\$25.00
	5096237229	REGISTRATION - M KEIZER, S OROPEZA	\$370.00	10023320-57100	LEARNING AND DEVELOPMENT	\$370.00
	110922	REGISTRATION - M KEIZER, W HOCKEMIER	\$320.00	10523330-57100	LEARNING AND DEVELOPMENT	\$320.00
	763145	REGISTRATION - S SHER	\$625.00	20010000-57100	LEARNING AND DEVELOPMENT	\$625.00
	05127J	MENDO LAKE CM GROUP MEETING LUNCH	\$54.42	20012100-57100	LEARNING AND DEVELOPMENT	\$54.42
	4435935	REGISTRATION - O KEOUGH	\$200.00	20013400-57100	LEARNING AND DEVELOPMENT	\$200.00
	200014572	REGISTRATION - D BUFFALO	\$670.00	20013400-57100	LEARNING AND DEVELOPMENT	\$670.00
	3953	REGISTRATION - S MANNION	\$75.00	20016100-57100	LEARNING AND DEVELOPMENT	\$75.00
	552	LODGING - T CABRAL	\$920.46	20016100-57100	LEARNING AND DEVELOPMENT	\$920.46
	200015466	REGISTRATION - K NORRIS	\$470.00	20413510-57100	LEARNING AND DEVELOPMENT	\$235.00
				20413520-57100	LEARNING AND DEVELOPMENT	\$235.00
	FTNH33575R6	TRANSFORMER PROFESSIONAL PROGR	\$2,390.00	80026210-57100	LEARNING AND DEVELOPMENT	\$2,390.00
	03388	REGISTRATION - D TUBBS	\$15.00	84027225-57100	LEARNING AND DEVELOPMENT	\$15.00
	03401	REGISTRATION - R BARTON	\$15.00	84027225-57100	LEARNING AND DEVELOPMENT	\$15.00

List of Checks Presented for Approval on 12/16/2022

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
BUSINESS CARD	03397	REGISTRATION - R KRIKEN	\$15.00	84027225-57100	LEARNING AND DEVELOPMENT	\$15.00
	880211	REGISTRATION - A VARGAS	\$50.00	84027225-57100	LEARNING AND DEVELOPMENT	\$50.00
	03406	REGISTRATION - T SIMKINS	\$50.00	84027225-57100	LEARNING AND DEVELOPMENT	\$50.00
	CC-2022-019	REGISTRATION - WWTP	\$150.00	84027225-57100	LEARNING AND DEVELOPMENT	\$150.00
	43575179	SURVEY MONKEY ADVANTAGE ANNUAL RENEWAL	\$384.00	10022810-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$384.00
	300004353	MEMBERSHIP RENEWAL - C SCHLATTER	\$100.00	10023100-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$100.00
	1670281572	MEMBERSHIP - M KEIZER	\$60.00	10023320-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$60.00
	1670277567	MEMBERSHIP - S OROPEZA	\$60.00	10023320-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$60.00
	300010425	CSMFO MEMBERSHIP - C RASMASON	\$50.00	20013210-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$50.00
	111222 WSJ	WALL STREET JOURNAL SUBSCRIPTION	\$38.99	20013400-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$38.99
	300010337	CSMFO MEMBERSHIP - D BUFFALO	\$125.00	20013400-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$125.00
	22434	CBA RENEWAL - D BUFFALO	\$280.00	20013400-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$280.00
	300010299	CSMFO MEMBERSHIP - K NORRIS	\$50.00	20413510-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$25.00
				20413520-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$25.00
	SF-D 26505	LODGING - S SHAVER	\$572.76	20913920-51291	MISC EMPLOYMENT COSTS	\$572.76
	SF-D 25449	SHIPPING SERVICES	\$30.07	80026400-54101	POSTAGE	\$30.07
	200015409	JOB ADVERTISING - PAYROLL	\$275.00	20013220-54203	RECRUITMENT	\$275.00
	1974-6023	JOB ADVERTISING - PAYROLL	\$499.00	20013220-54203	RECRUITMENT	\$499.00
	3984091	JOB ADVERTISING - ELECTRIC	\$570.00	80026400-54203	RECRUITMENT	\$570.00
	1202-01	JOB ADVERTISING - ELECTRIC	\$800.00	80026400-54203	RECRUITMENT	\$800.00
	371245	BURNDY TOOL REPAIR	\$403.91	80026120-54102	SMALL TOOLS	\$403.91
	APP221107	MACHFORM CLOUD ANNUAL SOFTWARE PLAN	\$250.00	10020210-54320	SOFTWARE	\$250.00
	315101621	MY HOUSE SOFTWARE SUBSCRIPTION	\$1,009.78	10022100-54320	SOFTWARE	\$1,009.78

List of Checks Presented for Approval on 12/16/2022

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
BUSINESS CARD	INV24645451 97837	IT GLUE/KASEYA SOFTWARE	\$316.24	20913900-54320	SOFTWARE	\$316.24
	112122	EMPLOYEE CONSTRUCTION MEETING LUNCH	\$69.75	10024210-54100	SUPPLIES	\$69.75
	111822	CHRISTMAS DECORATIONS	\$25.55	20012100-54100	SUPPLIES	\$25.55
	01293J	AREA RUG	\$108.86	20012100-54100	SUPPLIES	\$108.86
	36758	BINDERS, MOUSE, 5TAB INSERTS	\$119.66	20012100-54100	SUPPLIES	\$119.66
	2655853417	WALL NAME PLATES	\$281.83	20012100-54100	SUPPLIES	\$281.83
	00828J	STAFF TRAINING - DONUTS	\$27.50	20012200-54100	SUPPLIES	\$27.50
	01799J	NEW EMPLOYEES LUNCH - CM	\$147.00	20012200-54100	SUPPLIES	\$147.00
	SF-D 26517	CONGRATS FLOWERS - M SCHANKE	\$92.72	20413500-54100	SUPPLIES	\$92.72
	SF-D 26509	CONDOLOENCE FLOWERS - K NORRIS	\$81.65	20413510-54100	SUPPLIES	\$40.83
				20413520-54100	SUPPLIES	\$40.82
	SO-KA- 313591	3200 SURFACE, BLACK HINGED	\$533.49	73022600-54100	SUPPLIES	\$533.49
	S305362	AVPOS MONTHLY SERVICE FEE	\$50.00	77725200-54100	SUPPLIES	\$50.00
	110822	REMARKABLE MONTHLY SERVICE FEE	\$2.99	80026400-54100	SUPPLIES	\$2.99
Vendor Total:						\$19,485.34
CALIFORNIA WATER ENVIRONMENT ASSOCIATION	DV120622	REVEWAL LAB ANALYST GRAD 1 - T ANDERSON	\$95.00	84027225-57100	LEARNING AND DEVELOPMENT	\$95.00
Vendor Total:						\$95.00
CANDICE RASMASON	DV120922	REIMBURSEMENT - ANNUAL HOLIDAY PARTY LUNCH	\$110.40	20016100-54167	EMPLOYEE DEVELOPMENT	\$110.40
Vendor Total:						\$110.40
CANTEEN SERVICE	5975:021921	WATER FILTRATION SERVICE POLIC	\$45.00	10020210-54100	SUPPLIES	\$22.50
				20620231-54100	SUPPLIES	\$22.50
Vendor Total:						\$45.00
CHRISTOPHER MIN	SERP 121322	SAFETY EQUIPMENT REPAYMENT PROGRAM	\$1,000.00	10020000-10520	LOANS RECEIVABLE	\$1,000.00
Vendor Total:						\$1,000.00
CINDY SAUERS	DV120622 1	REIMBURSEMENT - ANNUAL AUTO CAD APP FOR IPAD	\$99.00	80026400-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$99.00
	DV120622	REIMBURSEMENT - PROFORMA LUNCH	\$33.36	80026400-54100	SUPPLIES	\$33.36
Vendor Total:						\$132.36
CINTAS CORPORATION	4137226853	RUG, MAT & UNIFORM SERVICES	\$92.56	20824700-56300	BUILDING MAINT. & REPAIR	\$92.56

List of Checks Presented for Approval on 12/16/2022

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
CINTAS CORPORATION	4138634865	RUG, MAT & UNIFORM SERVICES	\$92.56	20824700-56300	BUILDING MAINT. & REPAIR	\$92.56
	4137226827	RUG, MAT & UNIFORM SERVICES	\$35.00	73022600-56300	BUILDING MAINT. & REPAIR	\$35.00
	4138634895	RUG, MAT & UNIFORM SERVICES	\$35.00	73022600-56300	BUILDING MAINT. & REPAIR	\$35.00
	4137227013	RUG, MAT & UNIFORM SERVICES	\$80.50	20324100-52100	CONTRACTUAL SERVICES	\$27.83
				20824300-52100	CONTRACTUAL SERVICES	\$52.67
	4138634926	RUG, MAT & UNIFORM SERVICES	\$80.50	20324100-52100	CONTRACTUAL SERVICES	\$27.83
				20824300-52100	CONTRACTUAL SERVICES	\$52.67
	4136521889	RUG, MAT & UNIFORM SERVICES	\$94.13	20324100-52100	CONTRACTUAL SERVICES	\$27.89
				20824300-52100	CONTRACTUAL SERVICES	\$66.24
	4138042403	RUG, MAT & UNIFORM SERVICES	\$253.28	20324100-52100	CONTRACTUAL SERVICES	\$27.83
				20824300-52100	CONTRACTUAL SERVICES	\$225.45
	4137227001	RUG, MAT & UNIFORM SERVICES	\$35.00	31122000-52100	CONTRACTUAL SERVICES	\$35.00
	4138634927	RUG, MAT & UNIFORM SERVICES	\$35.00	31122000-52100	CONTRACTUAL SERVICES	\$35.00
	5132899444	FIRST AID SUPPLIES	\$162.32	10024620-54120	PW - SPECIAL SUPPLIES	\$105.77
				84027221-54100	SUPPLIES	\$56.55
	5132899408	FIRST AID SUPPLIES	\$59.03	20324100-54100	SUPPLIES	\$59.03
	4137227041	RUG, MAT & UNIFORM SERVICES	\$45.20	77725200-54100	SUPPLIES	\$45.20
	4138634954	RUG, MAT & UNIFORM SERVICES	\$45.20	77725200-54100	SUPPLIES	\$45.20
	4136521968	RUG, MAT & UNIFORM SERVICES	\$46.89	77725200-54100	SUPPLIES	\$46.89
	4138042465	RUG, MAT & UNIFORM SERVICES	\$46.89	77725200-54100	SUPPLIES	\$46.89
	5132899431	FIRST AID SUPPLIES	\$72.09	77725200-54100	SUPPLIES	\$72.09
	5132899476	FIRST AID SUPPLIES	\$59.03	80026110-54100	SUPPLIES	\$59.03
Vendor Total:						\$1,370.18
CITY OF UKIAH	P-7994	BUILDING PERMIT - CDBG GRANT	\$310.00	73022600-80100	MACHINERY & EQUIPMENT	\$310.00
Vendor Total:						\$310.00
COFFEE CRITIC INC, THE	16325	MISC. COFFEE SUPPLIES AS NEEDED	\$223.52	10521210-54100	SUPPLIES	\$111.76
				71021100-54100	SUPPLIES	\$111.76
	R30092	MISC. COFFEE SUPPLIES AS NEEDED	\$72.50	73022600-54100	SUPPLIES	\$72.50
Vendor Total:						\$296.02

List of Checks Presented for Approval on 12/16/2022

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
CONCUR TECHNOLOGIES INC	101300238020	SAP CONCUR TRAVEL AND EXPENSE	\$493.60	20413500-54320	SOFTWARE	\$493.60
					Vendor Total:	\$493.60
CREATIVE WORKSHOP	010670	PRINTING & COPY SERVICES	\$46.82	10023320-52100	CONTRACTUAL SERVICES	\$46.82
					Vendor Total:	\$46.82
D WALTER K BARR	4782	DOT PHYSICALS	\$100.00	80026400-54161	BACKGROUND & PHYSICALS	\$100.00
	4778	DOT PHYSICALS	\$100.00	84027221-54161	BACKGROUND & PHYSICALS	\$100.00
					Vendor Total:	\$200.00
DARIN MALUGANI	BA FY 22/23	BOOT ALLOWANCE	\$185.09	10024620-54120	PW - SPECIAL SUPPLIES	\$185.09
					Vendor Total:	\$185.09
DARIUS BRICE FORD	DV112322	INSTURCTOR	\$225.00	10022850-52100	CONTRACTUAL SERVICES	\$225.00
					Vendor Total:	\$225.00
DARWIN DICK	DV121322	REIMBURSEMENT - T2 LICENSE RENEWAL	\$60.00	82027111-57100	LEARNING AND DEVELOPMENT	\$60.00
					Vendor Total:	\$60.00
DC CUSTOMS INC	196211	TRUCK BED MAT, DRAWER SYSTEM, LOCKS	\$1,881.83	82027114-56130	EXTERNAL SERVICES	\$940.92
				84027221-56130	EXTERNAL SERVICES	\$940.91
					Vendor Total:	\$1,881.83
DEEP VALLEY SECURITY	400076 7	SECURITY SYSTEM MONITORING AT	\$39.95	10022100-52180	SECURITY SERVICES	\$39.95
	400076	ALARM SERVICES PER ATTACHED CO	\$229.65	10022100-52180	SECURITY SERVICES	\$26.95
				10022100-52180	SECURITY SERVICES	\$29.95
				10022700-52180	SECURITY SERVICES	\$42.95
				20824700-52180	SECURITY SERVICES	\$42.95
				73022600-52180	SECURITY SERVICES	\$19.95
				73022600-52180	SECURITY SERVICES	\$21.95
				82027111-52180	SECURITY SERVICES	\$20.00
				82027111-52180	SECURITY SERVICES	\$24.95
	400076 5	SECURITY UPGRADE & MONITORING/	\$42.95	10022700-52180	SECURITY SERVICES	\$42.95
	400076 1	MONITORING - SOFTBALL COMPLEX	\$32.95	10022822-52180	SECURITY SERVICES	\$32.95
	400076 2	SECURITY MONITORING SVCS - STR	\$34.95	20824300-52180	SECURITY SERVICES	\$34.95

List of Checks Presented for Approval on 12/16/2022

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
DEEP VALLEY SECURITY	400076 3	SECURITY MONITORING SVCS - GAR	\$46.95	20824300-52180	SECURITY SERVICES	\$46.95
	400076 6	UPGRADE SECURITY SYSTEM FOR EL	\$62.95	20824300-52180	SECURITY SERVICES	\$62.95
	400076 4	PROVIDE AND INSTALL ELECTRONIC	\$52.95	80026400-52180	SECURITY SERVICES	\$52.95
	Vendor Total:					\$543.30
DELL MARKETING LP	10618339604	COMPUTER MONITOR	\$1,369.88	20513300-54330	COMPUTER AND TECHNOLOGY	\$1,369.88
	Vendor Total:					\$1,369.88
DIVERSIFIED INSPECTIONS INC	INDI57633	OPACITY TEST VEHICLES - 2111, 22	\$5,175.00	10022100-52100	CONTRACTUAL SERVICES	\$550.00
				20324100-52100	CONTRACTUAL SERVICES	\$795.00
				80026110-52100	CONTRACTUAL SERVICES	\$3,300.00
				82027111-52100	CONTRACTUAL SERVICES	\$530.00
	INDI57771	OPACITY TEST VEHICLES - 2111, 22	\$1,100.00	80026110-52100	CONTRACTUAL SERVICES	\$1,100.00
	Vendor Total:					\$6,275.00
DONNOE & ASSOCIATES INC	9726	PRE-EMPLOYMENT PHYSICAL	\$440.00	63020210-54100	SUPPLIES	\$440.00
					Vendor Total:	
EBBETTS PASS FIRE DISTRICT	121522	REGISTRATION - R NELSON	\$325.00	10521210-57100	LEARNING AND DEVELOPMENT	\$325.00
					Vendor Total:	
ECONOMIC DEVELOPMENT & FINANCING CORPORATION	2022513-R	PERFORMANCE AGREEMENT - ECONOM	\$12,455.25	20012600-52100	CONTRACTUAL SERVICES	\$12,455.25
					Vendor Total:	
EFAX CORPORATE	4323660	EFAX SERVICES	\$149.90	20012200-52100	CONTRACTUAL SERVICES	\$149.90
					Vendor Total:	
ENVIRONMENTAL SCIENCE ASSOCIATES INC	176808	SOIL SAMPLING - RIVERSIDE PARK	\$154.44	10022100-52100	CONTRACTUAL SERVICES	\$154.44
					Vendor Total:	
EUREKA OXYGEN CO	DM00840876	EQUIPMENT MAINTENANCE	\$24.10	10521210-56120	EQUIPMENT MAINTENANCE & REPAIR	\$24.10
	476939	EQUIPMENT MAINTENANCE	\$171.00	84027225-54100	SUPPLIES	\$171.00
	Vendor Total:					\$195.10
FEDERAL EXPRESS	7-964-09808	SHIPPING SERVICES	\$112.01	20013220-54100	SUPPLIES	\$54.76
				20013220-54100	SUPPLIES	\$57.25
				Vendor Total:		
FILETRAIL INC	2022-0897	HOSTED FILE MANAGMENT SYSTEM	\$646.85	20012500-54320	SOFTWARE	\$646.85

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Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
FILETRAIL INC	2022-1086	HOSTED FILE MANAGMENT SYSTEM	\$646.85	20012500-54320	SOFTWARE	\$646.85
					Vendor Total:	\$1,293.70
FREDERIC NICHOLS	22-9823938-01	FY 22/23 FOR SB 90/STATE-MANDATED COST	\$1,800.00	10020210-52100	CONTRACTUAL SERVICES	\$1,800.00
					Vendor Total:	\$1,800.00
FRIEDMANS HOME IMPROVEMENT	INV15951855	MISC. ITEMS AS NEEDED	\$3.66	10521210-56300	BUILDING MAINT. & REPAIR	\$3.66
	INV15920855	MISC. ITEMS AS NEEDED	\$71.89	10521210-56300	BUILDING MAINT. & REPAIR	\$71.89
	INV15912872	MISC. ITEMS AS NEEDED	\$5.19	20824700-56300	BUILDING MAINT. & REPAIR	\$5.19
	INV15856699	MISC. ITEMS AS NEEDED	\$18.26	20824700-56300	BUILDING MAINT. & REPAIR	\$18.26
	INV15913626	MISC. ITEMS AS NEEDED	\$23.63	20824700-56300	BUILDING MAINT. & REPAIR	\$23.63
	INV15915887	MISC. ITEMS AS NEEDED	\$25.73	20824700-56300	BUILDING MAINT. & REPAIR	\$25.73
	INV15896795	MISC. ITEMS AS NEEDED	\$100.57	20824700-56300	BUILDING MAINT. & REPAIR	\$100.57
	INV15960158	MISC. ITEMS AS NEEDED	\$127.72	20824700-56300	BUILDING MAINT. & REPAIR	\$127.72
	INV15851576	MISC. ITEMS AS NEEDED	\$244.09	20824700-56300	BUILDING MAINT. & REPAIR	\$244.09
	INV15896316	MISC. ITEMS AS NEEDED	\$316.77	77725200-56300	BUILDING MAINT. & REPAIR	\$316.77
	INV0260.001	MISC. ITEMS AS NEEDED	\$4.33	82027111-56300	BUILDING MAINT. & REPAIR	\$4.33
	INV15857515	MISC. ITEMS AS NEEDED	\$119.65	84027225-56300	BUILDING MAINT. & REPAIR	\$119.65
	INV15891807	MISC. ITEMS AS NEEDED	\$3.30	84027225-56120	EQUIPMENT MAINTENANCE & REPAIR	\$3.30
	INV15924269	MISC. ITEMS AS NEEDED	\$20.79	84027225-56120	EQUIPMENT MAINTENANCE & REPAIR	\$20.79
	INV15985100	MISC. ITEMS AS NEEDED	\$55.03	84027225-56120	EQUIPMENT MAINTENANCE & REPAIR	\$55.03
	INV15915890	MISC. ITEMS AS NEEDED	\$62.98	84027225-56120	EQUIPMENT MAINTENANCE & REPAIR	\$62.98
	INV15894680	MISC. ITEMS AS NEEDED	\$43.07	20324100-56112	EQUIPMENT PARTS FOR RESALE	\$43.07
	INV15977951	MISC. ITEMS AS NEEDED	\$16.82	10024620-56130	EXTERNAL SERVICES	\$16.82
	CN-395595	RETURNED CONTRETE MIX	(\$82.61)	84027225-56504	FACILITY MAINTENANCE & REPAIR	(\$82.61)
	INV15885664	MISC. ITEMS AS NEEDED	\$78.83	84027225-56504	FACILITY MAINTENANCE & REPAIR	\$78.83
	INV15932509	MISC. ITEMS AS NEEDED	\$399.11	84027225-56504	FACILITY MAINTENANCE & REPAIR	\$399.11

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Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
FRIEDMANS HOME IMPROVEMENT	INV15857656	MISC. ITEMS AS NEEDED	\$61.99	51124210-80230	INFRASTRUCTURE	\$61.99
	INV15855159	MISC. ITEMS AS NEEDED	\$59.28	10020210-54201	PRISONER EXPENSE	\$59.28
	INV15850449	MISC. ITEMS AS NEEDED	\$57.62	10024620-54120	PW - SPECIAL SUPPLIES	\$57.62
	INV15923098	MISC. ITEMS AS NEEDED	\$62.87	10024620-54120	PW - SPECIAL SUPPLIES	\$62.87
	INV15888881	MISC. ITEMS AS NEEDED	\$84.15	10022100-54102	SMALL TOOLS	\$84.15
	INV15891197	MISC. ITEMS AS NEEDED	\$270.04	10024620-54102	SMALL TOOLS	\$270.04
	INV15854501	MISC. ITEMS AS NEEDED	\$473.14	82027114-54102	SMALL TOOLS	\$473.14
	INV15898593	MISC. ITEMS AS NEEDED	\$70.77	84027221-54102	SMALL TOOLS	\$70.77
	INV15882703	MISC. ITEMS AS NEEDED	\$18.57	10022100-54100	SUPPLIES	\$18.57
	INV15951099	MISC. ITEMS AS NEEDED	\$22.85	10022100-54100	SUPPLIES	\$22.85
	INV15981235	MISC. ITEMS AS NEEDED	\$23.21	10022100-54100	SUPPLIES	\$23.21
	INV15889165	MISC. ITEMS AS NEEDED	\$27.21	10022100-54100	SUPPLIES	\$27.21
	INV15882259	MISC. ITEMS AS NEEDED	\$32.51	10022100-54100	SUPPLIES	\$32.51
	INV15915384	MISC. ITEMS AS NEEDED	\$43.52	10022100-54100	SUPPLIES	\$43.52
	INV15882755	MISC. ITEMS AS NEEDED	\$83.99	10022100-54100	SUPPLIES	\$83.99
	INV15868217	MISC. ITEMS AS NEEDED	\$348.39	10022100-54100	SUPPLIES	\$348.39
	INV15929838	MISC. ITEMS AS NEEDED	\$593.96	10022100-54100	SUPPLIES	\$593.96
	INV15981536	MISC. ITEMS AS NEEDED	\$22.61	10022831-54100	SUPPLIES	\$22.61
	INV15890993	MISC. ITEMS AS NEEDED	\$27.52	20513382-54100	SUPPLIES	\$27.52
	INV02655251	MISC. ITEMS AS NEEDED	\$22.78	20824300-54100	SUPPLIES	\$22.78
	INV15894325	MISC. ITEMS AS NEEDED	\$39.95	20824300-54100	SUPPLIES	\$39.95
	INV15986679	MISC. ITEMS AS NEEDED	\$132.40	31122000-54100	SUPPLIES	\$132.40
	INV15960654	MISC. ITEMS AS NEEDED	\$95.53	31422860-54100	SUPPLIES	\$95.53
	INV15860071	MISC. ITEMS AS NEEDED	\$14.24	73022600-54100	SUPPLIES	\$14.24
	INV15983936	MISC. ITEMS AS NEEDED	\$15.99	80026110-54100	SUPPLIES	\$15.99
	INV15958097	MISC. ITEMS AS NEEDED	\$23.14	80026110-54100	SUPPLIES	\$23.14
	INV15991017	MISC. ITEMS AS NEEDED	\$11.93	80026120-54100	SUPPLIES	\$11.93
	INV15849703	MISC. ITEMS AS NEEDED	\$19.12	80026120-54100	SUPPLIES	\$19.12
	INV15886547	MISC. ITEMS AS NEEDED	\$21.53	80026120-54100	SUPPLIES	\$21.53

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Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
FRIEDMANS HOME IMPROVEMENT	INV15890720	MISC. ITEMS AS NEEDED	\$24.73	80026120-54100	SUPPLIES	\$24.73
	INV15953808	MISC. ITEMS AS NEEDED	\$6.77	80026220-54100	SUPPLIES	\$6.77
	INV15929898	MISC. ITEMS AS NEEDED	\$47.89	80026220-54100	SUPPLIES	\$47.89
	INV15886911	MISC. ITEMS AS NEEDED	\$28.55	82027111-54100	SUPPLIES	\$28.55
	INV15882211	MISC. ITEMS AS NEEDED	\$35.71	82027111-54100	SUPPLIES	\$35.71
	INV15867612	MISC. ITEMS AS NEEDED	\$117.30	82027111-54100	SUPPLIES	\$117.30
	INV15886957	MISC. ITEMS AS NEEDED	\$14.02	82027114-54100	SUPPLIES	\$14.02
	INV15923925	MISC. ITEMS AS NEEDED	\$26.78	82027114-54100	SUPPLIES	\$26.78
	INV15912589	MISC. ITEMS AS NEEDED	\$32.03	82027114-54100	SUPPLIES	\$32.03
	INV15932864	MISC. ITEMS AS NEEDED	\$61.98	82027114-54100	SUPPLIES	\$61.98
	INV15986597	MISC. ITEMS AS NEEDED	\$104.51	82027114-54100	SUPPLIES	\$104.51
	INV15897046	MISC. ITEMS AS NEEDED	\$129.55	82027114-54100	SUPPLIES	\$129.55
	INV15963492	MISC. ITEMS AS NEEDED	\$144.44	82027114-54100	SUPPLIES	\$144.44
	INV15863116	MISC. ITEMS AS NEEDED	\$35.90	84027221-54100	SUPPLIES	\$35.90
	Vendor Total:					\$5,249.78
GHD INC	380-0022438	ENG SVCS FOR H2O STORAGE TANK	\$329.30	82027110-52100	CONTRACTUAL SERVICES	\$329.30
	380-0020361 REVISED	ENG SVCS FOR H2O STORAGE TANK	\$2,989.78	82027110-52100	CONTRACTUAL SERVICES	\$2,989.78
	Vendor Total:					\$3,319.08
GOLDEN STATE EMERGENCY VEHICLE SERVICE INC	CI036917	LIGHT LUMA CAR	\$394.58	10521210-56130	EXTERNAL SERVICES	\$394.58
	CI036946	STEERING GEAR	\$2,294.56	10521210-56130	EXTERNAL SERVICES	\$2,294.56
	Vendor Total:					\$2,689.14
HAYLEE LANGDEAU	DV112322	INSTRUCTOR	\$150.00	10022850-52100	CONTRACTUAL SERVICES	\$150.00
	Vendor Total:					\$150.00
HINDERLITER DE LLAMAS AND ASSOCIATES	SIN023253	SALES, USE & TRANSACTIONS TAX	\$865.35	20013400-52100	CONTRACTUAL SERVICES	\$865.35
	SIN023303	SALES, USE & TRANSACTIONS TAX	\$1,501.94	20013400-52100	CONTRACTUAL SERVICES	\$1,501.94
	Vendor Total:					\$2,367.29
INSTRUMENT TECHNOLOGY CORPORATION	21232	VIVAX METROTECH VCAM6	\$11,466.72	84027221-54100	SUPPLIES	\$11,466.72
	Vendor Total:					\$11,466.72
INTEGRITY SHRED LLC	138951	DOCUMENT SHREDDING	\$61.00	20513300-52100	CONTRACTUAL SERVICES	\$61.00

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Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
INTEGRITY SHRED LLC	139118	DOCUMENT SHREDDING	\$32.50	10020210-54100	SUPPLIES	\$16.25
				20620231-54100	SUPPLIES	\$16.25
				Vendor Total:		\$93.50
INTERCOUNTY MECHANICAL & ELECTRICAL INC	8731	START UP ICE RINK	\$150.00	31422860-52100	CONTRACTUAL SERVICES	\$150.00
				Vendor Total:		\$150.00
JOSEPH GARCIA	DV120822	REIMBURSEMENT - UKIAH PARADE LIGHTS	\$32.63	80026120-54100	SUPPLIES	\$32.63
				Vendor Total:		\$32.63
KELLY-MOORE PAINT COMPANY INC	910-00000371339	MISC. PURCHASES AS REQUIRED	\$50.90	82027111-56300	BUILDING MAINT. & REPAIR	\$50.90
	910-00000371482	MISC. PURCHASES AS REQUIRED	\$63.59	82027111-56300	BUILDING MAINT. & REPAIR	\$63.59
	910-00000371652	MISC. PURCHASES AS REQUIRED	\$345.01	10024620-54120	PW - SPECIAL SUPPLIES	\$345.01
				Vendor Total:		\$459.50
KEMIRA WATER SOLUTIONS INC	9017774071	LIQUID FERRIC CHLORIDE FY 22/2	\$18,133.08	84027225-58202	CHEMICALS	\$18,133.08
				Vendor Total:		\$18,133.08
KEN FOWLER MOTORS INC	38188	PUMP	\$33.48	80026110-56130	EXTERNAL SERVICES	\$33.48
				Vendor Total:		\$33.48
KENNETH RAYMOND HODGES JR	DV112322	INSTRUCTOR	\$225.00	10022850-52100	CONTRACTUAL SERVICES	\$225.00
				Vendor Total:		\$225.00
KRISTINE LAWLER	DV120822	REIMBURSEMENT - MAYORS RECEPTION	\$19.35	20012500-54100	SUPPLIES	\$19.35
				Vendor Total:		\$19.35
KS STATEBANK	47496-1-2023	TYPE 111 FIRE ENGINE	\$18,731.86	91721400-74501	CAPITAL LEASE INTEREST	\$1,954.83
				91721400-74500	CAPITAL LEASE PRINCIPAL	\$16,777.03
				Vendor Total:		\$18,731.86
LAKE PARTS INC	286974	M/C LAMP	\$4.69	20324100-56112	EQUIPMENT PARTS FOR RESALE	\$4.69
	288265	LAMP	\$15.02	10020210-56130	EXTERNAL SERVICES	\$15.02
	286431	OIL FILTER	\$35.61	10020210-56130	EXTERNAL SERVICES	\$35.61
	286787	BRAKE WHEEL CYLINDER	\$64.57	10020210-56130	EXTERNAL SERVICES	\$64.57
	285935	WIPER BLADE	\$101.06	10020210-56130	EXTERNAL SERVICES	\$101.06
	287315	WIPER BLADES	\$179.57	10020210-56130	EXTERNAL SERVICES	\$179.57

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Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
LAKE PARTS INC	287440	LED ID BR SS HSNG	\$33.74	10024620-56130	EXTERNAL SERVICES	\$33.74
	285676	FUEL FILTER	\$36.24	80026110-56130	EXTERNAL SERVICES	\$36.24
	286973	M/C LAMP	\$9.39	82027114-56130	EXTERNAL SERVICES	\$9.39
	289038	SPARK PLUG	\$8.80	84027221-56130	EXTERNAL SERVICES	\$8.80
	288250	UJOINT	\$87.40	84027221-56130	EXTERNAL SERVICES	\$87.40
	287916	DELO 400 15W40 GAL, BRAKE CLEANER	\$259.93	84027225-58410	GARAGE LUBRICANTS & PARTS	\$259.93
	286165	OIL, FILTERS, CLEANER, DRAIN PAN	\$451.74	84027225-58410	GARAGE LUBRICANTS & PARTS	\$451.74
	289077	6 V HD BATTERY, CAR FRESHNERS	\$37.05	10024620-54120	PW - SPECIAL SUPPLIES	\$37.05
	286908	NITRILE DISPOSABLE GLOVES	\$71.82	20324100-54100	SUPPLIES	\$71.82
Vendor Total:						\$1,396.63
LEXISNEXIS RISK DATA MANAGEMENT INC	1410964-20221130	LEXIS NEXIS LE PLUS SEARCHING	\$76.00	10020210-54202	MAJOR CRIME INVESTIGATIONS	\$76.00
	Vendor Total:					\$76.00
LIFE ASSIST INC	1249243	MIS. EMS SUPPLIES AS NEEDED	\$474.24	10521210-54107	EMS SUPPLIES	\$237.12
				71021100-54107	EMS SUPPLIES	\$237.12
	1269783	MIS. EMS SUPPLIES AS NEEDED	\$61.65	71021100-54107	EMS SUPPLIES	\$61.65
	1272452	MIS. EMS SUPPLIES AS NEEDED	\$449.73	71021100-54107	EMS SUPPLIES	\$449.73
	Vendor Total:					\$985.62
LINDSEY DUTCHER	TR 11/2-3/22 1	TRAVEL REIMBURSEMENT	\$84.76	10020210-57100	LEARNING AND DEVELOPMENT	\$84.76
	Vendor Total:					\$84.76
LYMAN GROUP INC	1816526	PROPANE, CORNER STONE PLUS	\$486.29	84027225-56130	EXTERNAL SERVICES	\$486.29
	1816621	NEBO TRANSCEND HEADLAMP	\$388.29	84027221-54100	SUPPLIES	\$388.29
	Vendor Total:					\$874.58
MARIA C CEJA	DV120722	REIMBURSEMENT - CITY HALL HOLIDAY DECOR	\$112.07	20012100-54100	SUPPLIES	\$112.07
Vendor Total:						\$112.07
MEAD & HUNT INC	3187818	CONSTRUCTION ADMIN SVCS RUNWAY	\$19,075.88	77825200-80230	INFRASTRUCTURE	\$19,075.88
Vendor Total:						\$19,075.88
MENDO MILL & LUMBER CO	224758/1	AIR FILTER	\$8.16	10521210-56300	BUILDING MAINT. & REPAIR	\$8.16
	225024/1	PAINT 1 GAL, TRAY SET, PAINT BRUSH	\$33.25	10521210-56300	BUILDING MAINT. & REPAIR	\$33.25

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Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
MENDO MILL & LUMBER CO	225108/1	CATCH DRAW	\$8.70	80026210-54100	SUPPLIES	\$8.70
	225982/1	COUPLING, HEX ENDS	\$29.35	80026220-54100	SUPPLIES	\$29.35
					Vendor Total:	\$79.46
MICHAEL ESCOBEDO	DV112322	INSTRUCTOR	\$3,170.00	10022850-52100	CONTRACTUAL SERVICES	\$3,170.00
					Vendor Total:	\$3,170.00
MILSOFT UTILITY SOLUTIONS INC	20225986	REPLACEMENT OF UTILITY BILLING	\$3,419.08	20513300-54320	SOFTWARE	\$3,419.08
					Vendor Total:	\$3,419.08
MOMAR INC	PSI472252	GRAFFITI BUSTER AERO, BLISTER AERO, AEROSOL	\$828.65	10024620-54120	PW - SPECIAL SUPPLIES	\$828.65
					Vendor Total:	\$828.65
NCH CORPORATION	8030702	CERTOP INDUSTRIAL ISO	\$263.18	84027225-58410	GARAGE LUBRICANTS & PARTS	\$263.18
					Vendor Total:	\$263.18
NCPA	006102-1222029	DEC 22 NCPA	\$1,122,085.00	80026440-58104	NCPA MANAGEMENT SERVICES	\$51,802.00
				80026440-58101	NCPA PLANT GENERATION	\$264,692.00
				80026440-58102	NCPA POWER PURCHASES	\$515,816.00
				80026440-58105	NCPA THIRD PARTY SALES	(\$33,059.00)
				80026440-58103	NCPA TRANSMISSION	\$322,834.00
					Vendor Total:	\$1,122,085.00
NICK BARBIERI TRUCKING LLC	0010984-IN	CARDLOCK FUEL PURCHASES	\$455.46	10022100-56210	FUEL & FLUIDS	\$455.46
	0013235-IN	CARDLOCK FUEL PURCHASES	\$1,274.77	20324100-58410	GARAGE LUBRICANTS & PARTS	\$1,274.77
					Vendor Total:	\$1,730.23
NORTHWEST PUBLIC POWER ASSOCIATION	82884	ONLINE JOB ADVERTISEMENT	\$200.00	80026400-54203	RECRUITMENT	\$200.00
					Vendor Total:	\$200.00
OFFICE DEPOT INC	273335188001	RETURN - INDEX CARDS, STORAGE BOXEX, CHAIRMAT	(\$119.42)	10020210-54100	SUPPLIES	(\$119.42)
	275797230001	MISCELLANEOUS CREDIT	(\$1.09)	10020210-54100	SUPPLIES	(\$1.09)
	276302645001	HP CARTRIDGE, TONER, MEMO PADS, PENS	\$380.84	10020210-54100	SUPPLIES	\$380.84
	274056937001	RETURN - PENCILS	(\$20.69)	20012500-54100	SUPPLIES	(\$20.69)

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Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
OFFICE DEPOT INC	273991542001	PENCILS	\$20.69	20012500-54100	SUPPLIES	\$20.69
	277716158001	CALENDARS	\$69.66	20012500-54100	SUPPLIES	\$69.66
	273991548001	CALENDARS	\$130.63	20012500-54100	SUPPLIES	\$130.63
	273990602001	PENS, CALENDARS, DESK PAD, MARKERS	\$298.45	20012500-54100	SUPPLIES	\$298.45
	275185543001	PAID DATE STAMP	\$120.17	20513300-54100	SUPPLIES	\$120.17
	275185528001	DESK PADS	\$147.93	20513300-54100	SUPPLIES	\$147.93
	275185545001	KEYBOARD, MOUSE, CALENDARS	\$254.30	20513300-54100	SUPPLIES	\$254.30
	275180248001	SAVI 7220 OFFICE S7220 D	\$304.19	20513300-54100	SUPPLIES	\$304.19
	275754410001	BLACK DRUM, PENS, TAPE	\$151.29	80026400-54100	SUPPLIES	\$151.29
	278433150001	HP 727 DESIGN JET PRINTER	\$343.34	80026400-54100	SUPPLIES	\$343.34
Vendor Total:						\$2,080.29
ONE TIME PAY VENDOR	DV120722	GRACE HUDSON RENTAL REFUND - AURELIE CLIVAZ	\$650.00	10022700-46530	MUSEUM MEETING RENTALS	\$650.00
	DV120522	REC REFUND - ADRIENNE BAKEWELL	\$59.50	10022831-44915	RECREATION PROGRAM INCOME	\$59.50
	0027828	REC REFUND - JENNA JOHNSTON	\$68.00	10022831-44915	RECREATION PROGRAM INCOME	\$68.00
	0027264	REC REFUND - KOREA WARREN	\$68.00	10022831-44915	RECREATION PROGRAM INCOME	\$68.00
	0027776	REC REFUND - NIKI MCDANIEL	\$68.00	10022831-44915	RECREATION PROGRAM INCOME	\$68.00
	DV120522 3	REC REFUND - TARA STEVEN	\$68.00	10022831-44915	RECREATION PROGRAM INCOME	\$68.00
	DV120522 2	REC REFUND - STEVEN POOR	\$80.00	10022831-44915	RECREATION PROGRAM INCOME	\$80.00
	DV120522 1	REC REFUND - RACHEL RORABAUGH	\$160.00	10022831-44915	RECREATION PROGRAM INCOME	\$160.00
	0027242	REC REFUND - KATHERINE DOWDNEY	\$188.00	10022831-44915	RECREATION PROGRAM INCOME	\$68.00
				10022850-44915	RECREATION PROGRAM INCOME	\$120.00
Vendor Total:						\$1,409.50
ONESOURCE DISTRIBUTORS LLC	S7051873.002	(CP-91-A) CLAMP, HOT TAP CU 2/	\$526.68	80000000-12104	INVENTORY - PURCHASES	\$526.68
	S6939499.006	(CO-287) CONN, PIERCING, 4/0-2	\$2,265.47	80000000-12104	INVENTORY - PURCHASES	\$2,265.47
	S6973615.006	(U-GR-1) RISER GRIP, 3/4 X 1	\$2,322.30	80000000-12104	INVENTORY - PURCHASES	\$2,322.30
Vendor Total:						\$5,114.45

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Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
OPPERMAN & SON INC	01P59951	DOUBLE SADDLE CLAMP, STEEL U-BOLT CLAMP	\$35.84	20324100-56112	EQUIPMENT PARTS FOR RESALE	\$35.84
	01P59519	VALVE	\$22.46	10024620-56130	EXTERNAL SERVICES	\$22.46
	01P59789	MULTI FUNCTION SWITCH	\$269.63	10024620-56130	EXTERNAL SERVICES	\$269.63
	01P59915	PURGE VALVE KIT, AD-SP CARTRIDGE	\$180.83	10521210-56130	EXTERNAL SERVICES	\$180.83
	01P59566	TANK PAD	\$79.70	77725200-56130	EXTERNAL SERVICES	\$79.70
	01P59604	SOLENOID	\$63.37	82027114-56130	EXTERNAL SERVICES	\$63.37
	01P59728	M40 MODULATOR	\$453.94	82027114-56130	EXTERNAL SERVICES	\$453.94
	01P59673	OIL FILTER, FUEL FILTER, IGNITION COIL	\$129.64	84027221-56130	EXTERNAL SERVICES	\$129.64
	01P59601	ONAN CARBURETOR	\$749.81	84027221-56130	EXTERNAL SERVICES	\$749.81
	01P59929	HEAVY DUTY BELT, SERP BELT	\$220.36	20324100-58510	REIMBURSABLE JOBS	\$220.36
Vendor Total:						\$2,205.58
OREILLY AUTO PARTS	2707-124688	HARNESS	\$37.01	20324100-56112	EQUIPMENT PARTS FOR RESALE	\$37.01
	2707-124643	STARTER	\$183.67	10020210-56130	EXTERNAL SERVICES	\$183.67
	2707-126232	AIR FILTER	\$12.95	20324100-56130	EXTERNAL SERVICES	\$12.95
	2707-124026	OIL LIGHT SW	\$12.29	20513382-56130	EXTERNAL SERVICES	\$12.29
	2707-123763	RADIATOR	\$192.47	20513382-56130	EXTERNAL SERVICES	\$192.47
	EB12453721	OCT EBACK CORRECTION REFUND	(\$7.18)	20824700-56130	EXTERNAL SERVICES	(\$7.18)
	2707-124455	LIC PLT LENS	\$7.83	82027111-56130	EXTERNAL SERVICES	\$7.83
Vendor Total:						\$439.04
PACE SUPPLY CORPORATION	028134148-1	COPPER TUBE NUT F/FLARE	\$217.67	82000000-12104	INVENTORY - PURCHASES	\$217.67
	028018543	4 DBL CHK DET ASSY N-PTRN OSY GRV BODY W/GAL MTR	\$3,700.20	82027114-54100	SUPPLIES	\$3,700.20
Vendor Total:						\$3,917.87
PAUL HENRY	120222	INTERNAL INVESTIGATION	\$4,342.50	10020210-52100	CONTRACTUAL SERVICES	\$4,342.50
Vendor Total:						\$4,342.50
PETER PUGGER MANUFACTURING INC	16829	PRETREAT AND TOPCOAT SMALL GEA	\$1,800.00	10521210-56120	EQUIPMENT MAINTENANCE & REPAIR	\$1,800.00
Vendor Total:						\$1,800.00
PETERSON TRUCKS INC	12249U	CRC BRAKLE, FILTER, FLUID PEAK	\$39.92	20324100-56112	EQUIPMENT PARTS FOR RESALE	\$33.91
				20324100-56130	EXTERNAL SERVICES	\$6.01

List of Checks Presented for Approval on 12/16/2022

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
PETERSON TRUCKS INC	12249UX1	CRC BRAKLE	\$52.82	20324100-56112	EQUIPMENT PARTS FOR RESALE	\$52.82
	12088U	WIPER BLADE	\$53.89	20324100-56112	EQUIPMENT PARTS FOR RESALE	\$53.89
	11695UX1	PAC, FS	\$35.67	10024620-56130	EXTERNAL SERVICES	\$35.67
	12286U	FILTERS	\$220.93	10521210-56130	EXTERNAL SERVICES	\$110.46
				10521210-56130	EXTERNAL SERVICES	\$110.47
	12229UX1	FILTER ASM	\$16.02	84027221-56130	EXTERNAL SERVICES	\$16.02
	12229U	FUEL FILTER	\$17.09	84027221-56130	EXTERNAL SERVICES	\$17.09
	CM12130U	CORE RETURN	(\$1,567.80)	20324100-58510	REIMBURSABLE JOBS	(\$1,567.80)
	CM12115U	RETURN - PUMP KIT	(\$1,202.15)	20324100-58510	REIMBURSABLE JOBS	(\$1,202.15)
	CM506948F	RETURN - PUMP KIT, OIL PUMP SERVICE	(\$1,202.15)	20324100-58510	REIMBURSABLE JOBS	(\$1,202.15)
	CM263235R	RETURN - SEAL OIL PUMP	(\$30.71)	20324100-58510	REIMBURSABLE JOBS	(\$30.71)
	263235R	SEAL OIL PUMP	\$30.71	20324100-58510	REIMBURSABLE JOBS	\$30.71
	12109U	SENSOR	\$146.74	20324100-58510	REIMBURSABLE JOBS	\$146.74
	12018U	SHIELD TUR	\$176.45	20324100-58510	REIMBURSABLE JOBS	\$176.45
	12080U	TUBE ASSY SUCTION REAR SUMP	\$419.96	20324100-58510	REIMBURSABLE JOBS	\$419.96
	12111U	HOUSING KIT	\$527.37	20324100-58510	REIMBURSABLE JOBS	\$527.37
	12110U	ENGINE KIT	\$645.85	20324100-58510	REIMBURSABLE JOBS	\$645.85
	12115U	PUMP KIT	\$1,202.15	20324100-58510	REIMBURSABLE JOBS	\$1,202.15
	506948F	PUMP KIT, OIL PUMP SERVICE	\$1,202.15	20324100-58510	REIMBURSABLE JOBS	\$1,202.15
	329448S	PUMP KIT, GASKET OIL PAN, SUCTION TUBE	\$1,383.35	20324100-58510	REIMBURSABLE JOBS	\$1,383.35
	12130U	INJECTOR	\$5,040.02	20324100-58510	REIMBURSABLE JOBS	\$5,040.02
	Vendor Total:					\$7,208.28
PG&E CO	8921288616-5	CDBG SUBSISTENCE - J GONZALEZ	\$36.05	61123410-59501	GRANTS ISSUED	\$36.05
	4206919442-3	CDBG SUBSISTENCE - J ALCANTER	\$290.30	61123410-59501	GRANTS ISSUED	\$290.30
	7075-1 NOV 22	PACIFIC GAS & ELECTRIC	\$170.65	10022100-55210	UTILITIES	\$170.65
	0853-6 NOV 22	PACIFIC GAS & ELECTRIC	\$3,420.56	31122000-55210	UTILITIES	\$3,420.56
	3822-9 OCT 22 1	PACIFIC GAS & ELECTRIC	\$366.22	73022600-55210	UTILITIES	\$366.22
Vendor Total:						\$4,283.78

List of Checks Presented for Approval on 12/16/2022

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
PITNEY BOWES INC	3105826560	POSTAGE MACHINE LEASE AND SUPP	\$170.47	73022600-54101	POSTAGE	\$170.47
					Vendor Total:	\$170.47
PUBLIC SERVICE DEPARTMENT	OCT 22	CITY UTILITIES	\$91,370.70	10022100-55210	UTILITIES	\$12,255.76
				10022300-55210	UTILITIES	\$4,001.78
				10022700-55210	UTILITIES	\$2,902.73
				10024214-55210	UTILITIES	\$1,077.46
				10024620-55210	UTILITIES	\$382.95
				20620231-55210	UTILITIES	\$81.13
				20824300-55210	UTILITIES	\$1,294.79
				20824700-55210	UTILITIES	\$8,678.47
				64020213-55210	UTILITIES	\$399.05
				72022400-55210	UTILITIES	\$7,626.58
				73022600-55210	UTILITIES	\$2,328.78
				77725200-55210	UTILITIES	\$2,839.54
				80026400-55210	UTILITIES	\$2,623.91
				82027111-55210	UTILITIES	\$16,778.42
				83027330-55210	UTILITIES	\$5,122.86
				84027221-55210	UTILITIES	\$81.32
				84027225-55210	UTILITIES	\$22,895.17
					Vendor Total:	\$91,370.70
R EMMETT JONES	NOV 22	MANAGEMENT ADVISORY SERVICES	\$3,262.50	70024500-52100	CONTRACTUAL SERVICES	\$3,262.50
					Vendor Total:	\$3,262.50
RAINBOW AGRICULTURAL SERVICES	59111/1	AIR CLEANER, GASKET	\$18.48	10022100-56130	EXTERNAL SERVICES	\$18.48
	58788/1	CHAIN LOOP, MIX OIL	\$115.36	10024620-54120	PW - SPECIAL SUPPLIES	\$115.36
	58915*1	BAR OIL	\$22.84	10022100-54100	SUPPLIES	\$22.84
	58901/1	M ARCATA URBAN LACE BOGS	\$179.64	20513382-54100	SUPPLIES	\$179.64
	59232/1	RUBBER STALL MATS	\$544.27	31422860-54100	SUPPLIES	\$544.27
	59228/1	RUBBER STALL MATS	\$1,632.80	31422860-54100	SUPPLIES	\$1,632.80

List of Checks Presented for Approval on 12/16/2022

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
RAINBOW AGRICULTURAL SERVICES	58964/1	WORKHOG PULL ON BOOTS	\$174.19	82027114-54100	SUPPLIES	\$174.19
					Vendor Total:	\$2,687.58
RAY C STARKEY	1005050	EMBROIDERY SERVICES	\$20.00	10023320-54100	SUPPLIES	\$20.00
	1005037	EMBROIDERY SERVICES	\$48.00	10023320-54100	SUPPLIES	\$48.00
	1005103	HATS - EMBROIDERY SERVICES - WWTP	\$1,240.96	84027225-54100	SUPPLIES	\$1,240.96
	1005102	SHIRTS - EMBROIDERY SERVICES - WWTP	\$2,219.40	84027225-54100	SUPPLIES	\$2,219.40
					Vendor Total:	\$3,528.36
REDWOOD EMPIRE MUNICIPAL INSURANCE FUND	22-12 HEALTHCOMP	DEC 22 REMIF MEDICAL, DENTAL & VISION INSURANCE	\$306,633.12	20700000-20524	NON-EMPLOYEE HEALTH INS.PREM	\$491.40
				20700000-20524	NON-EMPLOYEE HEALTH INS.PREM	\$2,559.08
				20700000-20524	NON-EMPLOYEE HEALTH INS.PREM	\$13,182.00
				20700000-20520	P/R DEDUCT.-MEDICAL INS	\$268,125.00
				20700000-20510	REMIF DENTAL	\$18,999.64
				20700000-20511	REMIF VISION	\$3,276.00
	22-12 EAP	DEC EAP INSURANCE - NOV DEDUCTIONS	\$589.30	20700000-20520	P/R DEDUCT.-MEDICAL INS	\$589.30
					Vendor Total:	\$307,222.42
REDWOOD TREE SERVICE STATIONS INC	NOV 22	CAR WASHES AND INTERIOR CLEANI	\$156.72	10020210-56130	EXTERNAL SERVICES	\$129.00
				10023320-56130	EXTERNAL SERVICES	\$27.72
					Vendor Total:	\$156.72
REXEL USA INC	3J48299	SUREGRIP LARGE ALLI	\$48.99	82027111-54102	SMALL TOOLS	\$48.99
	3J83713	TOOLS FOR WTP	\$115.89	82027111-54102	SMALL TOOLS	\$115.89
	3K19733	BR360 3P	\$122.20	10022300-54106	SPECIALTY SUPPLIES	\$122.20
	3J92978	SIDE MOUNT AUX	\$359.51	10022300-54106	SPECIALTY SUPPLIES	\$359.51
					Vendor Total:	\$646.59
RICHARD THORNTON	0000014730	TELEPHONE PRODUCTS & SERVICES	\$1,935.35	20513300-52100	CONTRACTUAL SERVICES	\$1,935.35
					Vendor Total:	\$1,935.35

List of Checks Presented for Approval on 12/16/2022

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
SHN CONSULTING ENGINEERS & GEOLOGISTS INC	115381	COMPACTION & MAT'L TESTING FOR	\$47.50	25224220-80230	INFRASTRUCTURE	\$47.50
Vendor Total:						\$47.50
SNAP-ON INDUSTRIAL	ARV/55397542	1/2DR 6PT 11/16" SHL IMP SKT	\$12.84	20324100-54102	SMALL TOOLS	\$12.84
Vendor Total:						\$12.84
SOLID WASTES SYSTEMS INC	1185	MISC. DUMP FEES	\$398.20	10024620-54120	PW - SPECIAL SUPPLIES	\$12.85
				10024620-54120	PW - SPECIAL SUPPLIES	\$12.85
				10024620-54120	PW - SPECIAL SUPPLIES	\$20.56
				10024620-54120	PW - SPECIAL SUPPLIES	\$21.15
				10024620-54120	PW - SPECIAL SUPPLIES	\$25.70
				10024620-54120	PW - SPECIAL SUPPLIES	\$52.67
				10024620-54120	PW - SPECIAL SUPPLIES	\$54.96
				10024620-54120	PW - SPECIAL SUPPLIES	\$61.83
				10022100-54100	SUPPLIES	\$17.18
				10022100-54100	SUPPLIES	\$25.70
				10022100-54100	SUPPLIES	\$58.40
				82027114-54100	SUPPLIES	\$34.35
Vendor Total:						\$398.20
SONSRAY MACHINERY LLC	PSO047350-1	SIEVE	\$1,015.78	10022100-56130	EXTERNAL SERVICES	\$1,015.78
	PSR001545-1	RETURN - MASTER CYLINDER	(\$543.21)	84027225-56130	EXTERNAL SERVICES	(\$543.21)
Vendor Total:						\$472.57
SONU UPADHYAY	TR 11/29-30/22	TRAVEL REIMBURSEMENT	\$82.60	80026110-57100	LEARNING AND DEVELOPMENT	\$82.60
Vendor Total:						\$82.60
SOUTHWEST CHAPTER OF AMERICAN ASSOC	02923	REGISTRATION - G OWEN	\$460.00	77725200-57100	LEARNING AND DEVELOPMENT	\$460.00
Vendor Total:						\$460.00
STATE WATER RESOURCES CONTROL BOARD	SW-0241628	STORM WATER PERMIT 1 49M1000009	\$10,602.00	10024224-59101	FEES	\$10,602.00
Vendor Total:						\$10,602.00

List of Checks Presented for Approval on 12/16/2022

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
SUSAN SHER	DV120822	COMPUTER STIPEND	\$600.00	20010000-54330	COMPUTER AND TECHNOLOGY	\$600.00
					Vendor Total:	\$600.00
THURSTON CHRYSLER DODGE JEEP RAM	23141	AC SUPPORT V	\$5.79	10020210-56130	EXTERNAL SERVICES	\$5.79
	23179	AA SUPPORT E	\$201.95	10020210-56130	EXTERNAL SERVICES	\$201.95
	23170	AC TUBE OIL, AD TUBE OIL	\$211.25	20513382-56130	EXTERNAL SERVICES	\$211.25
					Vendor Total:	\$418.99
TRITECH SOFTWARE SYSTEMS	363204	INFORM RMS TEST OR TRAINING SYSTEM ANNUAL MAINT	\$1,105.48	10020210-54320	SOFTWARE	\$1,105.48
					Vendor Total:	\$1,105.48
UKIAH DAILY JOURNAL	0006712933	PUBLISHING SERVICES FY 22/23	\$506.54	20016100-54162	ADVERTISING	\$506.54
	0006713054	PUBLISHING SERVICES FY 22/23	\$510.34	20016100-54162	ADVERTISING	\$510.34
	0006713160	PUBLISHING SERVICES FY 22/23	\$646.51	20016100-54162	ADVERTISING	\$646.51
	0006714231	PUBLISHING SERVICES FY 22/23	\$78.66	10020210-52515	ADVERTISING & PUBLICATION	\$78.66
	0006696650	PUBLISHING SERVICES FY 22/23	\$118.25	10020210-52515	ADVERTISING & PUBLICATION	\$118.25
	0006715303	PUBLISHING SERVICES FY 22/23	\$191.60	10023100-52515	ADVERTISING & PUBLICATION	\$191.60
					Vendor Total:	\$2,051.90
UKIAH HIGH SCHOOL	DV120722	DONATION - PARADE OF LIGHTS VOLUNTEERS	\$500.00	90000000-23259	PARADE OF LIGHTS	\$500.00
					Vendor Total:	\$500.00
UKIAH TROPHIES & GIFTS	190065	PARADE OF LIGHTS PLAQUES	\$60.42	90000000-23259	PARADE OF LIGHTS	\$60.42
					Vendor Total:	\$60.42
UKIAH VALLEY ASSOCIATION FOR HABILITATION INC	IN24849	JANITORIAL SERVICES AT WWTP FY	\$618.00	84027225-52100	CONTRACTUAL SERVICES	\$618.00
					Vendor Total:	\$618.00
UKIAH VALLEY CULTURAL & RECREATIONAL CENTER	8	ANNUAL CIP CONTRIBUTION TO ARRC	\$10,000.00	31122000-52100	CONTRACTUAL SERVICES	\$10,000.00
					Vendor Total:	\$10,000.00
UKIAH WRESTLING CLUB	DV120922	DONATION - ANNUAL HOLIDAY PARTY CLEANUP	\$500.00	20016100-54167	EMPLOYEE DEVELOPMENT	\$500.00
	DV120722	DONATION - PARADE OF LIGHTS VOLUNTEERS	\$500.00	90000000-23259	PARADE OF LIGHTS	\$500.00
					Vendor Total:	\$1,000.00

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Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
ULINE	156908783	POLYTUBING	\$1,036.14	84027225-56120	EQUIPMENT MAINTENANCE & REPAIR	\$1,036.14
					Vendor Total:	\$1,036.14
UNITED SITE SERVICES	INV-01221361	PORTABLE TOILET RENTAL CONTRAC	\$195.14	10022100-52100	CONTRACTUAL SERVICES	\$195.14
	INV-01224236	PORTABLE TOILET RENTAL CONTRAC	\$195.14	10022100-52100	CONTRACTUAL SERVICES	\$195.14
	INV-01224238	PORTABLE TOILET RENTAL CONTRAC	\$157.39	80026220-52100	CONTRACTUAL SERVICES	\$157.39
	INV-01218752	PORTABLE TOILET RENTAL CONTRAC	\$45.79	82027111-54100	SUPPLIES	\$45.79
					Vendor Total:	\$593.46
UNIVERSAL COATINGS INC	22-083	MULTIPLE ROOF REPAIRS AND SEAL	\$59,000.00	84027225-56300	BUILDING MAINT. & REPAIR	\$59,000.00
					Vendor Total:	\$59,000.00
US BANK	13505857	BANK FEES - INVESTMENT ACCOUNT	\$2,103.00	20015100-52100	CONTRACTUAL SERVICES	\$1,803.00
				96995601-52100	CONTRACTUAL SERVICES	\$150.00
				96995669-52100	CONTRACTUAL SERVICES	\$150.00
					Vendor Total:	\$2,103.00
US BANK CORPORATE PAYMENT SERVICES	NOV 22	CAL CARD PURCHASES	\$18,515.64	10521210-56300	BUILDING MAINT. & REPAIR	\$42.82
				10521210-54330	COMPUTER AND TECHNOLOGY	\$76.58
				10521210-56120	EQUIPMENT MAINTENANCE & REPAIR	\$277.97
				10521210-56210	FUEL & FLUIDS	\$101.68
				10521210-57100	LEARNING AND DEVELOPMENT	(\$275.06)
				10521210-57100	LEARNING AND DEVELOPMENT	\$4,847.90
				10521210-54102	SMALL TOOLS	\$11,145.25
				10521210-54320	SOFTWARE	\$395.21
				10521210-54106	SPECIALTY SUPPLIES	(\$4.92)
				10521210-54106	SPECIALTY SUPPLIES	\$973.35
				10521210-54100	SUPPLIES	(\$38.82)
				10521210-54100	SUPPLIES	\$682.31
				10521210-55100	TELEPHONE	\$18.20

List of Checks Presented for Approval on 12/16/2022

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
US BANK CORPORATE PAYMENT SERVICES	NOV 22	CAL CARD PURCHASES	\$18,515.64	10521210-52181	VOLUNTEER EXPENSES	\$273.17
Vendor Total:						\$18,515.64
USA BLUEBOOK	187666	MECHANICAL FLOAT SWITCH	\$174.65	84027225-56120	EQUIPMENT MAINTENANCE & REPAIR	\$174.65
	193682	TROPICAL SHADE POND DYE	\$156.55	84027225-56504	FACILITY MAINTENANCE & REPAIR	\$156.55
Vendor Total:						\$331.20
VINCE SIGAL ELECTRIC INC	14954	REPLACED BAD ATS CONTROLLER, P	\$8,326.21	90000000-20210	BASIC TAX 7.5%	(\$696.35)
				82027111-56120	EQUIPMENT MAINTENANCE & REPAIR	\$696.35
				82027111-56120	EQUIPMENT MAINTENANCE & REPAIR	\$8,326.21
Vendor Total:						\$8,326.21
VWR INTERNATIONAL LLC	8811459638	BEAKER GRIFFIN LOW 20ML	\$138.20	84027225-54103	LAB SUPPLIES	\$138.20
Vendor Total:						\$138.20
WELTY, WEAVER & CURRIE	11453	LEGAL SERVICES - WATER RESOURC	\$3,587.50	82027110-52150	LEGAL SERVICES/ EXPENSES	\$3,587.50
	11454	LEGAL SERVICES - WATER RESOURC	\$7,875.00	82027110-52150	LEGAL SERVICES/ EXPENSES	\$7,875.00
Vendor Total:						\$11,462.50
WERLE ENTERPRISE LLC	0424192	DECEMBER TRI-FOLD INSERTS	\$1,415.57	90000000-23256	SPECIAL EVENTS TRUST	\$707.79
				31422860-54100	SUPPLIES	\$707.78
Vendor Total:						\$1,415.57
WEST YOST ASSOCIATES INC	2051599	RUSSIAN RIVER WATERSHED AGREEM	\$45,946.97	91190100-52100	CONTRACTUAL SERVICES	\$45,946.97
Vendor Total:						\$45,946.97
WEX BANK	85610069	FUEL FOR POLICE	\$483.82	10020210-56210	FUEL & FLUIDS	\$483.82
Vendor Total:						\$483.82
WIPF CONSTRUCTION LLC	9212	SERVICE CALL - MUSEUM	\$405.00	10022700-56300	BUILDING MAINT. & REPAIR	\$405.00
	9231	DELIVERY OF VARIOUS MATERIALS	\$2,063.52	82027114-54100	SUPPLIES	\$1,031.76
				84027221-54100	SUPPLIES	\$1,031.76
Vendor Total:						\$2,468.52

List of Checks Presented for Approval on 12/16/2022

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
WORKING FIRE FURNITURE & MATTRESS CO INC	4255	FIREHOUSE COLLECTION CLASSIC	\$10,434.05	10521210-54100	SUPPLIES	\$10,434.05
						Vendor Total: \$10,434.05
XEROX CORP	017684665	COPIER LEASE - SEE ADD'L DESCR	\$128.99	73022600-52100	CONTRACTUAL SERVICES	\$128.99
	017684664	COPIER LEASE - SEE ADD'L DESCR	\$716.70	10020210-54500	EQUIP RENTS AND LEASES	\$501.69
				20620231-54500	EQUIP RENTS AND LEASES	\$143.34
				64020213-54500	EQUIP RENTS AND LEASES	\$71.67
	017684662	COPIER LEASE - SEE ADD'L DESCR	\$458.37	20012200-54500	EQUIP RENTS AND LEASES	\$458.37
	017684663	COPIER LEASE - SEE ADD'L DESCR	\$655.08	20012200-54500	EQUIP RENTS AND LEASES	\$655.08
						Vendor Total: \$1,959.14
ZOENTREY ZION HENSON	DV112322	INSTRUCTOR	\$150.00	10022850-52100	CONTRACTUAL SERVICES	\$150.00
						Vendor Total: \$150.00
						INVOICE TOTAL: \$2,004,264.67

List of Checks Presented for Approval on 12/22/2022

The following list of bills payable was reviewed and approved for payment.

Sgt. Sargison

D. R. J.

CR

Signature

Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
AFLAC	587458	NOV 22 CANCER/LIFE/ACC INSURANCE	\$7,687.54	20700000-20527	SECTION 125 (CANCER & LIFE)	\$7,687.54
Vendor Total:						\$7,687.54
AFLAC GROUP INSURANCE	A190120800	DEC 22 AFLAC CRITICAL CARE INS	\$304.56	20700000-20538	AFLAC CRITICAL ILLNESS POLICY	\$304.56
Vendor Total:						\$304.56
AMAZON CAPITAL SERVICES, INC	1T3Q-Y1PJ- 1496	FAUCET	\$490.72	20824700-56300	BUILDING MAINT. & REPAIR	\$490.72
	1CRH-TN4Y- 6GYV	BOTTLE FILLING STATION AND COOLER	\$1,152.24	73022600-56300	BUILDING MAINT. & REPAIR	\$1,152.24
	1QTQ-3GHX- 9WLF	SOLAR CABLE HOUSING	\$156.64	10521210-56130	EXTERNAL SERVICES	\$156.64
	1TVK-XYT4- D71Q	PORTABLE POWER STATIONS	\$1,487.52	10024620-54102	SMALL TOOLS	\$495.84
				82027114-54102	SMALL TOOLS	\$495.84
				84027221-54102	SMALL TOOLS	\$495.84
	1JV7-CJTK- JVRD	FLASH DRIVES, MEMORY DRIVE	\$284.39	10020210-54100	SUPPLIES	\$284.39
	1LTV-3KNJ- KXMK	WATERING BAGS	\$239.50	10022100-54100	SUPPLIES	\$239.50
	1Q6W-XY7M- 3916	WIRLESS MOUSE	\$21.76	10022810-54100	SUPPLIES	\$21.76
	1XN1-94PM- KPMH	KEYBOARD, MESSAGE RECEIPT BOOK,	\$93.93	10023100-54100	SUPPLIES	\$93.93
	137M-TMYP- GTKN	GEL PENS, POWER PROTECTOR STRIP	\$64.95	10023320-54100	SUPPLIES	\$64.95
	1RLD-KCG4- 4TJV	FOLE FOLDER TABS	\$14.61	20016100-54100	SUPPLIES	\$14.61
	1K7G-YR6J- 9GC4	WEBCAM	\$71.30	20513300-54100	SUPPLIES	\$71.30
	1WCP-TTTV- 3YCL	LEGAL WRITING PADS, STAPLER	\$19.56	73022600-54100	SUPPLIES	\$19.56
	14YT-PCMN- HX9L	DRY ERASE MARKERS,	\$23.94	73022600-54100	SUPPLIES	\$23.94
	1CHW-66XW- 1G6D	HONEY MINI PACKETS SINGLES	\$26.49	73022600-54100	SUPPLIES	\$26.49
	17KX-7K7J- FVPG	WALL CALENDERS	\$34.82	73022600-54100	SUPPLIES	\$34.82
	1W6F-GYK3- 64GP	PENS, WALL CALENDER, DRY ERASE WALL CALANDER	\$83.39	80026400-54100	SUPPLIES	\$83.39
Vendor Total:						\$4,265.76

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Invoices

Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
AT&T	000019217013	FIBER INTERNET	\$1,613.88	20913900-52601	DATA STORAGE & CONNECTIVITY	\$1,613.88
					Vendor Total:	\$1,613.88
AT&T MOBILITY	832118877X1 2142022	DATA & VOICE CELL PHONES	\$329.98	10020210-55100	TELEPHONE	\$129.69
				20620231-55100	TELEPHONE	\$14.99
				77725200-55100	TELEPHONE	\$53.87
				80026400-55100	TELEPHONE	\$86.46
				82027110-55100	TELEPHONE	\$14.99
				84027221-55100	TELEPHONE	\$29.98
	832056361X1 2142022	APN MODEMS	\$649.16	10020210-55100	TELEPHONE	\$649.16
	875108535X1 2142022	VOICE & DATA CELL PHONES	\$225.58	10022100-55100	TELEPHONE	\$86.46
				20012800-55100	TELEPHONE	\$58.40
				20913900-55100	TELEPHONE	\$43.23
				84027221-55100	TELEPHONE	\$37.49
					Vendor Total:	\$1,204.72
BKF ENGINEERS	22120736	GOBBI ST UTILITY REPLACEMENT P	\$10,091.75	12024200-80230	INFRASTRUCTURE	\$3,363.91
				82227113-80230	INFRASTRUCTURE	\$3,363.92
				84427221-80230	INFRASTRUCTURE	\$3,363.92
	22120836	EAST PERKINS WIDENING PROJECT/	\$7,124.89	25224220-80230	INFRASTRUCTURE	\$7,124.89
					Vendor Total:	\$17,216.64
BLAKE HYLAND	2173	TRAVEL ADVANCE	\$203.00	10521210-57100	LEARNING AND DEVELOPMENT	\$203.00
					Vendor Total:	\$203.00
BNP MEDIA II LLC	DV121922	ANNUAL ENR SUBSCRIPTION 2023	\$144.00	10024210-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$144.00
					Vendor Total:	\$144.00
CINDY SAUERS	DV122122	REIMBURSEMENT - EUD STAFF LUNCHEON	\$552.89	80026400-56210	FUEL & FLUIDS	\$53.61
				80026400-54100	SUPPLIES	\$225.00
				80026400-54100	SUPPLIES	\$274.28
					Vendor Total:	\$552.89

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Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
COLANTUONO HIGHSMITH & WHATLEY PC	54209	LEGAL SERVICES	\$527.00	84427222-52100	CONTRACTUAL SERVICES	\$527.00
					Vendor Total:	\$527.00
COMPUTER OPTIONS INC	INV02713	DISASTER RECOVERY - \$28,000-\$3	\$225.00	20913900-52100	CONTRACTUAL SERVICES	\$225.00
	INV02610	DISASTER RECOVERY - \$28,000-\$3	\$450.00	20913900-52100	CONTRACTUAL SERVICES	\$450.00
					Vendor Total:	\$675.00
COTTIE LOUISE MORRISON	DV112222	INSTRUCTOR	\$397.09	10022850-52100	CONTRACTUAL SERVICES	\$397.09
					Vendor Total:	\$397.09
CRAIG SCHLATTER	DV120822	REIMBURSEMENT - TEAM BUILDING LUNCHEON	\$205.13	10023100-57100	LEARNING AND DEVELOPMENT	\$205.13
					Vendor Total:	\$205.13
DAVID BURTON	DV101722	REIMBURSEMENT - INTERVIEWS	\$48.19	10022700-54203	RECRUITMENT	\$48.19
					Vendor Total:	\$48.19
DELL MARKETING LP	10629051523	DELL MONITOR, DELL LAPTOP	\$2,003.15	20013220-54330	COMPUTER AND TECHNOLOGY	\$2,003.15
					Vendor Total:	\$2,003.15
DEPARTMENT OF JUSTICE	621853	CHEM/TEST & CLETS- CRIMINAL INV	\$438.00	10022900-54169	LIVESCAN	\$221.00
				20016100-54165	NEW EMPLOYEE FINGERPRINT	\$79.00
				10022840-54100	SUPPLIES	\$138.00
					Vendor Total:	\$438.00
DIANN LUCCHETTI	DV122122	REIMBURSEMENT - EUD LUNCHEON DESSERT	\$67.95	80026400-54100	SUPPLIES	\$67.95
					Vendor Total:	\$67.95
DOUG HUTCHISON	TR 11/16-17/22	TRAVEL REIMBURSEMENT	\$86.00	10521210-57100	LEARNING AND DEVELOPMENT	\$86.00
					Vendor Total:	\$86.00
EFFICIENCY SERVICES GROUP LLC	00008571	ADMIN OF EUD PUBLIC BENEFITS P	\$17,784.00	80626450-52135	ENERGY CONSERVATION PROGRAM	\$17,784.00
					Vendor Total:	\$17,784.00
EIDIM GROUP INC	2021117 5	SPEC 20-09 COUNCIL CHAMBER A/V	\$9,668.92	20824700-80220	BUILDING IMPROVEMENTS	\$9,668.92
					Vendor Total:	\$9,668.92
ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE INC	94375730	ENTERPRISE SOFTWARE AGREEMENT	\$27,500.00	10024210-54320	SOFTWARE	\$6,875.00
				80026400-54320	SOFTWARE	\$6,875.00
				82027110-54320	SOFTWARE	\$6,875.00

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Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE INC	94375730	ENTERPRISE SOFTWARE AGREEMENT	\$27,500.00	83027330-54320	SOFTWARE	\$2,220.00
				84027221-54320	SOFTWARE	\$4,655.00
				Vendor Total:		\$27,500.00
EPIC AVIATION LLC	7640340	JET A FUEL	\$26,323.33	77725200-58401	AVIATION FUEL	\$26,323.33
				Vendor Total:		\$26,323.33
EUREKA OXYGEN CO	476887	EQUIPMENT MAINTENANCE	\$181.00	31122000-56300	BUILDING MAINT. & REPAIR	\$181.00
				Vendor Total:		\$181.00
FEDERAL EXPRESS	7-978-58187	SHIPPING SERVICES	\$16.31	84027225-56120	EQUIPMENT MAINTENANCE & REPAIR	\$16.31
	7-971-47531	SHIPPING SERVICES	\$306.38	10020210-54101	POSTAGE	\$35.71
				10020210-54101	POSTAGE	\$35.71
				10020210-54101	POSTAGE	\$37.30
				20012600-54101	POSTAGE	\$94.85
				20013210-54101	POSTAGE	\$102.81
				Vendor Total:		\$322.69
FILETRAIL INC	2022-1375	HOSTED FILE MANAGMENT SYSTEM	\$666.26	20012500-54320	SOFTWARE	\$666.26
				Vendor Total:		\$666.26
FISHER WIRELESS SVCS INC	234165	MALE CRIMP CONNECTORS	\$82.75	10521210-56130	EXTERNAL SERVICES	\$82.75
	234107	EQUIPMENT REPIAR	\$530.00	10020210-54100	SUPPLIES	\$530.00
	13028	BATT IMPRES LIION	\$544.38	10020210-54100	SUPPLIES	\$544.38
			Vendor Total:		\$1,157.13	
GHILOTTI CONSTRUCTION COMPANY INC	RET 2122240 6029*04	CONTRACT 2122240 RETAINAGE	\$68,150.06	25200000-20150	AP CONTRACT RETAINAGE	\$1,493.38
				25200000-20150	AP CONTRACT RETAINAGE	\$6,891.55
				25200000-20150	AP CONTRACT RETAINAGE	\$59,765.13
				Vendor Total:		\$68,150.06
GOLDEN GATE BRIDGE TOLL	I712282488849	BRIDGE TOLL FEE	\$7.00	10521210-57100	LEARNING AND DEVELOPMENT	\$7.00
	I691940122585	BRIDGE TOLL FEE	\$9.40	10521210-57100	LEARNING AND DEVELOPMENT	\$9.40
	I712273678174	BRIDGE TOLL FEE	\$7.00	80026110-57100	LEARNING AND DEVELOPMENT	\$7.00

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Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
GOLDEN GATE BRIDGE TOLL	T592265567859	TOLL EVATION	\$31.25	80026110-57100	LEARNING AND DEVELOPMENT	\$31.25
Vendor Total:						\$54.65
GRAINGER INC	9501609508	PVC PIPE	\$169.42	84027225-56120	EQUIPMENT MAINTENANCE & REPAIR	\$169.42
Vendor Total:						\$169.42
HERC RENTALS INC	32757313-008	WATER TRUCK RENTAL - ON GOING	\$3,091.74	82027114-54100	SUPPLIES	\$3,091.74
Vendor Total:						\$3,091.74
ICMA	FY 22/23	ANNUAL MEMBERSHIP DUES	\$1,200.00	20012100-57300	MEMBERSHIPS & SUBSCRIPTIONS	\$1,200.00
Vendor Total:						\$1,200.00
INTERCOUNTY MECHANICAL & ELECTRICAL INC	48211	UPS TRANSFER SWITCH INSTALL AT	\$5,500.00	10020210-56300	BUILDING MAINT. & REPAIR	\$2,750.00
				20620231-56300	BUILDING MAINT. & REPAIR	\$2,750.00
	8694	PRESSURE SWITCH REPLACEMENT ANNEX	\$279.03	20824700-56300	BUILDING MAINT. & REPAIR	\$279.03
Vendor Total:						\$5,779.03
KAREN LEE	DV112222	INSTRUCTOR	\$330.91	10022850-52100	CONTRACTUAL SERVICES	\$330.91
Vendor Total:						\$330.91
LEAVITT COMMUNICATIONS LLC	7072958	BENDIX KING BKR5000 -T3YC-1, BK	\$104,247.08	10521210-54100	SUPPLIES	\$104,247.08
Vendor Total:						\$104,247.08
MATHESON TRI-GAS INC	0026770056	OXYGEN & MISC. AS NEEDED	\$58.11	80026210-54100	SUPPLIES	\$58.11
	0026786720	OXYGEN & MISC. AS NEEDED	\$109.20	80026210-54100	SUPPLIES	\$109.20
Vendor Total:						\$167.31
MATT KEIZER	TA 1/5-8/22	TRAVEL ADVANCE	\$951.55	10523330-57100	LEARNING AND DEVELOPMENT	\$951.55
Vendor Total:						\$951.55
MENDOCINO COUNTY BASEBALL ALUMNI ASSOCIATION	DV112122	INSTURCTOR	\$3,360.00	10022850-52100	CONTRACTUAL SERVICES	\$3,360.00
Vendor Total:						\$3,360.00
MENDOCINO COUNTY ENVIRONMENTAL HEALTH	IN0009490	HAZMAT PERMIT # HZ236086 WELL # 3	\$660.00	82027110-59101	FEES	\$660.00
	IN0009489	HAZMAT PERMIT #HZ236085 WELL# 4	\$660.00	82027110-59101	FEES	\$660.00
	IN0009559	HAZMAT PERMIT #HZ236339 WELL #7	\$660.00	82027110-59101	FEES	\$660.00

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MENDOCINO COUNTY ENVIRONMENTAL HEALTH	IN0009560	HAZMAT PERMIT #HZ236340 WELL #8	\$660.00	82027110-59101	FEES	\$660.00
	IN0009678	HAZMAT PERMIT #HZ236834 WELL #9	\$660.00	82027110-59101	FEES	\$660.00
	IN0009368	HAZMAT PERMIT #HZ235591 WTP	\$1,651.00	82027110-59101	FEES	\$1,651.00
Vendor Total:						\$4,951.00
METALS TREATMENT TECHNOLOGIES LLC	3055775	FIRING RANGE LEAD MAINTENANCE	\$29,754.29	10020210-80230	INFRASTRUCTURE	\$29,754.29
	Vendor Total:					\$29,754.29
MOIRS	178566	CHLORINE - 15 GAL	\$447.48	82027111-58202	CHEMICALS	\$447.48
	178417	CHLORINE - 15 GAL	\$894.95	82027111-58202	CHEMICALS	\$894.95
	178565	MURIATIC ACID CASE	\$507.58	10022300-54106	SPECIALTY SUPPLIES	\$507.58
Vendor Total:						\$1,850.01
NATHAN ZIEGLER	TA 1/8-12/23	TRAVEL ADVANCE	\$243.00	10521210-57100	LEARNING AND DEVELOPMENT	\$243.00
	Vendor Total:					\$243.00
OAK MANOR PTO	DV121222	UKIAH ON ICE SKATE NIGHT	\$78.00	31422860-48110	MISCELLANEOUS RECEIPTS	\$78.00
	Vendor Total:					\$78.00
OCCU-MED LTD	1222511	PRE-EMPLOYMENT PHYSICAL	\$535.16	20016100-54161	BACKGROUND & PHYSICALS	\$535.16
	Vendor Total:					\$535.16
ONE TIME PAY VENDOR	17160-1	ENERGY REBATE - NANCY & DAN GARVIN	\$802.00	80626450-52135	ENERGY CONSERVATION PROGRAM	\$802.00
	96953	ENERGY REBATE - LYNN BURNS	\$1,336.00	80626450-52135	ENERGY CONSERVATION PROGRAM	\$1,336.00
	DV121922	REIMBURSEMENT - LIVE SCAN - PEYTON EWING	\$30.00	20016100-54165	NEW EMPLOYEE FINGERPRINT	\$30.00
	85409-001	UTILITY REFUND - ROSELIEGH DOCKINS	\$67.92	90100000-10421	UTILITY RECEIVABLES CLEARING	\$67.92
	P-7566	REFUND PERMIT P-7566 - STARS RESTAURANT	\$900.00	10023110-42320	VAR/USE & SITE DEV PERMITS	\$900.00
	Vendor Total:					\$3,135.92
ONLINE INFORMATION SRVS INC	1163301	UTILITY EXCHANGE REPORTING FY	\$157.89	20513300-52100	CONTRACTUAL SERVICES	\$157.89
	Vendor Total:					\$157.89
OPERATING ENGINEERS UNION	2212-1	DEC 22 PW UNION DUES	\$938.00	20700000-20509	P/R DEDUCT.- UNION DUES	\$938.00

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Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
OPERATING ENGINEERS UNION	2212	DEC 22 ADMIN & MAINT UNION DUES	\$1,736.00	20700000-20509	P/R DEDUCT.- UNION DUES	\$1,736.00
Vendor Total:						\$2,674.00
OVERHEAD DOOR COMPANY OF SANTA ROSA INC	4531898	Porvene Doors Model 231 Indust	\$14,432.00	10521210-56300	BUILDING MAINT. & REPAIR	\$14,432.00
Vendor Total:						\$14,432.00
PACE SUPPLY CORPORATION	028235194	CLOSET SPUD W BRASS NUT PASCO	\$457.63	20824700-56300	BUILDING MAINT. & REPAIR	\$457.63
	028211504	COPPER COUPLING, BRASS END, REDUCER BRASS	\$89.76	82027111-56300	BUILDING MAINT. & REPAIR	\$89.76
	028206920	ES66SOMSK 6 GAL ELEC 120 V, COPPER CAP	\$117.84	82027111-56300	BUILDING MAINT. & REPAIR	\$117.84
	028206920-1	ES66SOMSK 6 GAL ELEC 120V	\$439.78	82027111-56300	BUILDING MAINT. & REPAIR	\$439.78
	028228426	METER LAC FCT CP 1PUSH HDL, FLEX CONN FLUIDMASTER	\$246.73	10022100-54100	SUPPLIES	\$246.73
	028197228	PVC 80 SOCMIP ADPT W BRASS INSERT	\$2,587.20	82027114-54100	SUPPLIES	\$2,587.20
	028243823	FIRE HYDRANT WET CLOW	\$4,221.94	82027114-54100	SUPPLIES	\$4,221.94
Vendor Total:						\$8,160.88
PG&E CO	8716-1 NOV 22	PACIFIC GAS & ELECTRIC	\$389.34	82027111-55210	UTILITIES	\$389.34
Vendor Total:						\$389.34
PIONEER LAW GROUP LLP	7714	LANDFILL EIR & CEQA LEGAL SERV	\$45,618.50	70224500-80230	INFRASTRUCTURE	\$45,618.50
Vendor Total:						\$45,618.50
POSITIVE PROMOTIONS INC	07074875	OUTREACH SUPPLIES FOR PD	\$1,763.90	10020210-54100	SUPPLIES	\$1,763.90
Vendor Total:						\$1,763.90
REDWOOD FORD	339921	CLIP	\$19.17	10020210-56130	EXTERNAL SERVICES	\$19.17
	340051	SWITCH ASY	\$122.74	10020210-56130	EXTERNAL SERVICES	\$122.74
	339916	NUT, FRONT SHAFT	\$190.83	10020210-56130	EXTERNAL SERVICES	\$190.83
	340048	SOCKET ASY	\$448.57	10020210-56130	EXTERNAL SERVICES	\$448.57
	339960	PUMP, FILTER, GASKET	\$587.34	10020210-56130	EXTERNAL SERVICES	\$587.34
	340084	ELEMENT ASY	\$20.87	10022100-56130	EXTERNAL SERVICES	\$20.87
	339940	FILTER ASSY, ELEMENT ASSY	\$28.77	82027111-56130	EXTERNAL SERVICES	\$28.77
	339988	BUMPER ASY, GRILLE RADIATOR	\$1,267.61	82027114-56130	EXTERNAL SERVICES	\$1,267.61
Vendor Total:						\$2,685.90

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Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
RF MACDONALD CO INC	1229142	RP SEAL KIT	\$1,392.14	84027225-56120	EQUIPMENT MAINTENANCE & REPAIR	\$1,392.14
					Vendor Total:	\$1,392.14
RICHARD KORBLY	TA 1/9-13/22	TRAVEL ADVANCE	\$175.00	10521210-57100	LEARNING AND DEVELOPMENT	\$175.00
					Vendor Total:	\$175.00
RINO PACIFIC	CL39112	FUEL CARD CHARGES AS NEEDED	\$3,894.28	10020210-56210	FUEL & FLUIDS	\$3,894.28
	CL39089	FUEL CARD CHARGES AS NEEDED	\$3,786.75	10521210-56210	FUEL & FLUIDS	\$3,457.32
				71021100-56210	FUEL & FLUIDS	\$329.43
	CL39111	FUEL CARD CHARGES AS NEEDED	\$247.89	80026400-56210	FUEL & FLUIDS	\$247.89
					Vendor Total:	\$7,928.92
SAGE SANGIACOMO	DV121922	REIMBURSEMENT - LAFCO/ UVSD LUNCHEON	\$102.57	20012100-57100	LEARNING AND DEVELOPMENT	\$102.57
					Vendor Total:	\$102.57
SANTA ROSA JUNIOR COLLEGE	AR23-00643	REGISTRATION - UPD	\$185.50	10020210-57100	LEARNING AND DEVELOPMENT	\$185.50
	AR23-00616	REGISTRATION - UPD	\$265.00	10020210-57100	LEARNING AND DEVELOPMENT	\$265.00
					Vendor Total:	\$450.50
SARAH BROWN	DV121922	PAYROLL/AP ANNUAL LUNCH MEETING	\$176.84	20013210-54100	SUPPLIES	\$88.42
				20013220-54100	SUPPLIES	\$88.42
					Vendor Total:	\$176.84
SCOTT SHAVER	TR 11/13-17/22	TRAVEL REIMBURSEMENT	\$592.92	20913920-51291	MISC EMPLOYMENT COSTS	\$592.92
					Vendor Total:	\$592.92
SNAP-ON INDUSTRIAL	ARV/55479152	TERMINAL TOOL SET 10PC INSTINCT	\$92.62	20324100-54102	SMALL TOOLS	\$92.62
	ARV/55533624	5PC TRQ EXT SET, 1/2DR 6PT 17MM THN XDP IMP SKT	\$675.59	20324100-54102	SMALL TOOLS	\$675.59
	ARV/55459312	MTOLKIT ASSMB W/BLK KTL1022AP	\$2,820.23	20324100-54102	SMALL TOOLS	\$2,820.23
	ARV/55535712	25PC 12PT MET COMWRSET	\$1,074.76	82027114-54102	SMALL TOOLS	\$1,074.76
	ARV/55552830	PTMAN ARM RMVR F SERIES	\$359.36	84027221-54102	SMALL TOOLS	\$359.36
					Vendor Total:	\$5,022.56
SOLID WASTES SYSTEMS INC	NOV 22	RESIDENTIAL GARBAGE FEES	\$50,205.35	90200000-52170	UKIAH WASTE SOLUTIONS	\$50,205.35
					Vendor Total:	\$50,205.35

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Vendor Name	Invoice #	Invoice Description	Invoice Amt	Account Detail and Allocation Detail		
SOUTHWEST VALVE LLC	9066	ASCO SOLENOID VALVE	\$1,604.45	82027111-56120	EQUIPMENT MAINTENANCE & REPAIR	\$1,604.45
Vendor Total:						\$1,604.45
ST MARY OF THE ANGELS CATHOLIC SCHOOL	DV121222	UKIAH ON ICE SKATE NIGHT	\$132.00	31422860-48110	MISCELLANEOUS RECEIPTS	\$132.00
Vendor Total:						\$132.00
STATE WATER RESOURCES CONTROL BOARD	WD-0212617	WASTE DISCHARGE PERMIT 1B750430MEN	\$33,187.00	70024500-59101	FEES	\$33,187.00
	WD-0212535	WASTE DISCHARGE PERMIT 1B14046REN	\$3,453.00	82027110-59101	FEES	\$3,453.00
	WD-0212421	WASTE DISCHARGE PERMIT 1SS010074	\$3,453.00	84027221-59101	FEES	\$3,453.00
	WD-0212444	WASTE DISCHARGE PERMIT 1SS011454	\$3,453.00	84027221-59101	FEES	\$3,453.00
	WD-0212692	WASTE DISCHARGE PERMIT 1B840290MEN	\$20,705.00	84027225-59101	FEES	\$20,705.00
Vendor Total:						\$64,251.00
STERICYCLE INC	3006250712	SHARPS DISPOSALS AS NEEDED	\$23.17	10020210-54100	SUPPLIES	\$23.17
Vendor Total:						\$23.17
SUSAN JANSSEN	DV121922	BILINGUAL TESTING	\$250.00	20016100-54161	BACKGROUND & PHYSICALS	\$250.00
Vendor Total:						\$250.00
TIMOTHY GUTIERREZ	TA 1/8-12/22	TRAVEL ADVANCE	\$243.00	10521210-57100	LEARNING AND DEVELOPMENT	\$243.00
Vendor Total:						\$243.00
UKIAH VALLEY SANITATION DIST	104613 NOV 22	SEWER - LOW GAP RD	\$67.83	10022100-55210	UTILITIES	\$67.83
	58070 NOV 22	SEWER - 432 OBSERVATORY AVE	\$213.18	10022100-55210	UTILITIES	\$213.18
	89690 NOV 22	SEWER - 1640 S STATE ST	\$87.21	31122000-55210	UTILITIES	\$87.21
	113354 NOV 22	SEWER - 1350 HASTINGS RD	\$53.47	80026400-55210	UTILITIES	\$53.47
Vendor Total:						\$421.69
UKIAH WASTE SOLUTIONS, INC	174540486U034	UKIAH CLEAN-UP EFFORT	\$13,994.80	69624621-52170	UKIAH WASTE SOLUTIONS	\$13,994.80
Vendor Total:						\$13,994.80
US CELLULAR	0548352854	CELL PHONES	\$677.64	10024620-55100	TELEPHONE	\$37.18
				20913900-55100	TELEPHONE	\$36.55
				80026400-55100	TELEPHONE	\$57.18
				80026400-55100	TELEPHONE	\$87.17
				82027110-55100	TELEPHONE	\$58.09

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US CELLULAR	0548352854	CELL PHONES	\$677.64	82027111-55100	TELEPHONE	\$226.20
				84027221-55100	TELEPHONE	\$58.09
				84027225-55100	TELEPHONE	\$117.18
				Vendor Total:		\$677.64
US FUELING SOLUTIONS	24553	OVERWING NOZZLE	\$1,016.20	77725200-56300	BUILDING MAINT. & REPAIR	\$1,016.20
				Vendor Total:		\$1,016.20
WONDERPLAY INC	INV-4227	#SPI-SGO-8STR-IN STARGLIDE COM	\$5,278.75	10022100-59400	OTHER EXPENSES	\$5,278.75
				Vendor Total:		\$5,278.75
YOKAYO ELEMENTARY PTA	DV121622	UKIAH ON ICE SKATE NIGHT	\$70.00	31422860-48110	MISCELLANEOUS RECEIPTS	\$70.00
				Vendor Total:		\$70.00
ZAB ENTERPRISES INC	NOV 22	PROVIDE MISC. FOOD DISHES AS N	\$135.50	31422860-54100	SUPPLIES	\$35.50
				31422860-54100	SUPPLIES	\$100.00
	NOV 22 CC	PROVIDE MISC. FOOD DISHES AS N	\$504.00	73022600-54100	SUPPLIES	\$504.00
				Vendor Total:		\$639.50
INVOICE TOTAL:						\$579,824.37



AGENDA SUMMARY REPORT

SUBJECT: Request for Budget Amendment in the Amount of \$7,500 to Cover Unexpected Parks Department Vehicle Maintenance Costs.

DEPARTMENT: Community Services

PREPARED BY: Neil Davis, Community Services Director

PRESENTER: Neil Davis, Community Services Director

ATTACHMENTS:

None

Summary: Council will consider approval of a budget amendment to the Parks Team vehicle maintenance budget.

Background: The Parks team utilizes a fleet of ten vehicles which all require routine maintenance. The 2022 fiscal year budget provided for \$9,200 and ninety-eight percent of the funds were spent. The 2023 budget allowed for only \$6,500 for this line item and is now \$2,271.70 over budget.

Discussion: The 2023 budget allowed for less than the 2022 budget, yet costs have gone up. With increased costs and some unexpected expenses, this year's maintenance for the Parks Team vehicles is averaging approximately \$1,150 a month. At this rate, the total expenses for the year will be close to \$14,000. The most likely reason for the decrease in budget from 2022 to 2023 is clerical error. Staff presumes the intent was for the budget to be \$9,500 instead of the entered and approved \$6,500. The under budgeting of this item has been exacerbated by an increase in costs and a few unexpected expenses. Staff requests a budget amendment in the amount of \$7,500 to correct the clerical error and cover unexpected and increased costs. Well maintained vehicles reduce emissions and support the City's Climate initiative.

Recommended Action: Approve budget amendment in the amount of \$7,500 to cover unexpected Parks Department vehicle maintenance costs.

BUDGET AMENDMENT REQUIRED: Yes

CURRENT BUDGET AMOUNT: 10022100.56130: \$6,500

PROPOSED BUDGET AMOUNT: 10022100.56130: \$14,000

FINANCING SOURCE: General Fund

PREVIOUS CONTRACT/PURCHASE ORDER NO.: N/A

COORDINATED WITH: N/A

DIVERSITY-EQUITY INITIATIVES (DEI):

CLIMATE INITIATIVES (CI): 6c – Ensure that climate responsibility is integrated throughout the City's departments and operations.

Approved: 
Sage Sangiacomo, City Manager



AGENDA SUMMARY REPORT

SUBJECT: Approval of Plans and Specifications for the Great Redwood Trail Phase 4 Project, Specification No. 21-02, 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. Great Redwood Trail Phase 4 Final Plan

Summary: Council will consider approval of Plans and Specifications for the Great Redwood Trail Phase 4 Project (GRT4), Specification No. 21-02, and consider directing Staff to advertise for bids. The engineer's estimate for construction-contract items only for this project is \$2,231,094, with an optional bid alternate of \$1,098,093 for an additional segment of the trail.

Background: City Council has previously awarded a contract in the amount of \$312,491 to GHD Inc. for the completion of the design and preparation of the plans, specification, and estimate of the Great Redwood Trail Phase 4 (GRT4) project at the September 15, 2021 meeting. The GRT4 was originally intended to 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 would provide connectivity from the Redwood Business Park to the Ukiah Animal Shelter, Plant Road. Staff obtained the California Natural Resources Agency grant through the Urban Greening Program for a total of \$3,563,212 to fund this project.

Discussion: The original design alignment of the trail was planned to run directly on top of the abandoned railroad ballast as encouraged by the trail agency. To this date, the California Utilities Commission has yet to railbank the abandoned track alignment, forcing the City to shift the trail parallel east of the tracks in the same manner of phases 1-3 of the trail. This change in design and scope resulted in a needed amendment to GHD's contract in the amount of \$49,818 to compensate for additional environmental studies. During the course of design, multiple wetland locations were encountered along with the need to design more significant bridge crossings at waterways now that the trail is designed to be parallel to the existing tracks. A final amendment to GHD's contract was approved by Council at the January 11, 2023 meeting.

With the construction cost estimate exceeding the available funding through the grant, City Staff requested the project design to be split in two sections and receive approval from the grant agency for such an amendment. The base bid of the project will extend the trail from Commerce Drive south ending at Norgard Lane. The bid alternate would additionally extend the trail from Norgard Lane south to Plant Road (See Attachment 1 for both base bid and bid alternative plans). If the construction bids come in lower than anticipated, Council will have the option to award one or both phases of the project to the selected low-bidder contractor. Some additional permitting and hydrology studies may be required if the bid alternate is possible and awarded as well.

Recommended Action: Approve the Plans and Specifications for the Great Redwood Trail Phase 4 Project, Specification No. 21-02, and direct staff to advertise for bids.

BUDGET AMENDMENT REQUIRED: No

CURRENT BUDGET AMOUNT: 51124210.80230.18253: \$3,559,504

PROPOSED BUDGET AMOUNT: TBD

FINANCING SOURCE: Urban Greening Program Grant

PREVIOUS CONTRACT/PURCHASE ORDER NO.: N/A

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

DIVERSITY-EQUITY INITIATIVES (DEI): **Goal 5** – Instill diversity, equity, and inclusion as essential core elements of policy-making, accountability, and delivery of City services.

CLIMATE INITIATIVES (CI): **2b** – Encourage active transportation as a viable alternative to automobiles. **2d** – Continue to expand the Great Redwood Trail – Ukiah. **4a** – Implement nature-based climate solutions. **7a** – Expand sustainable water practices. **10a** – Protect from dangerous emission by preventing fires.

Approved:


Sage Sangiacomo, City Manager

CITY OF UKIAH
THE GREAT REDWOOD TRAIL
PHASE 4

SPECIFICATION NO. 21-02
SEPTEMBER 30, 2022

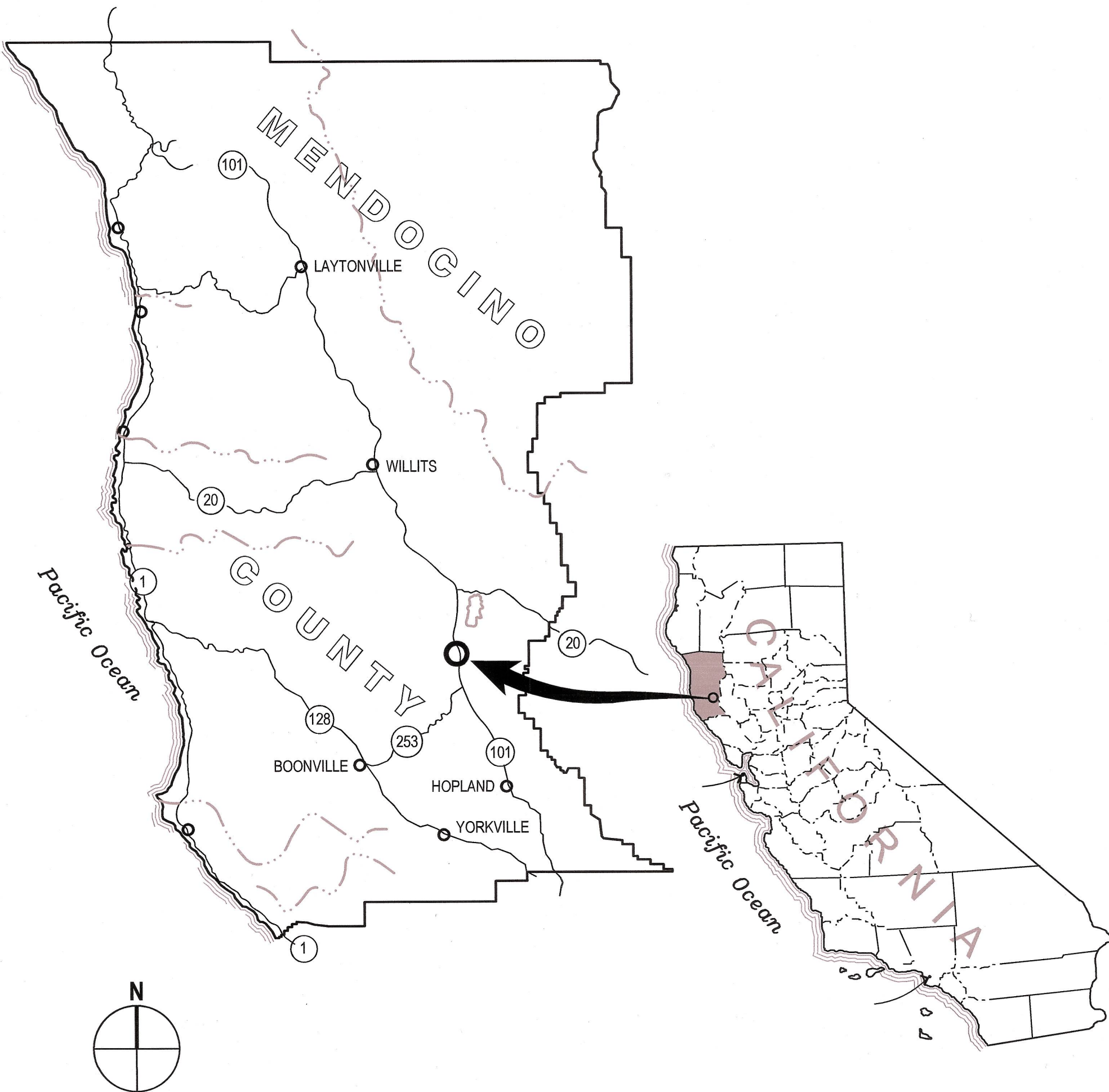
PREPARED BY



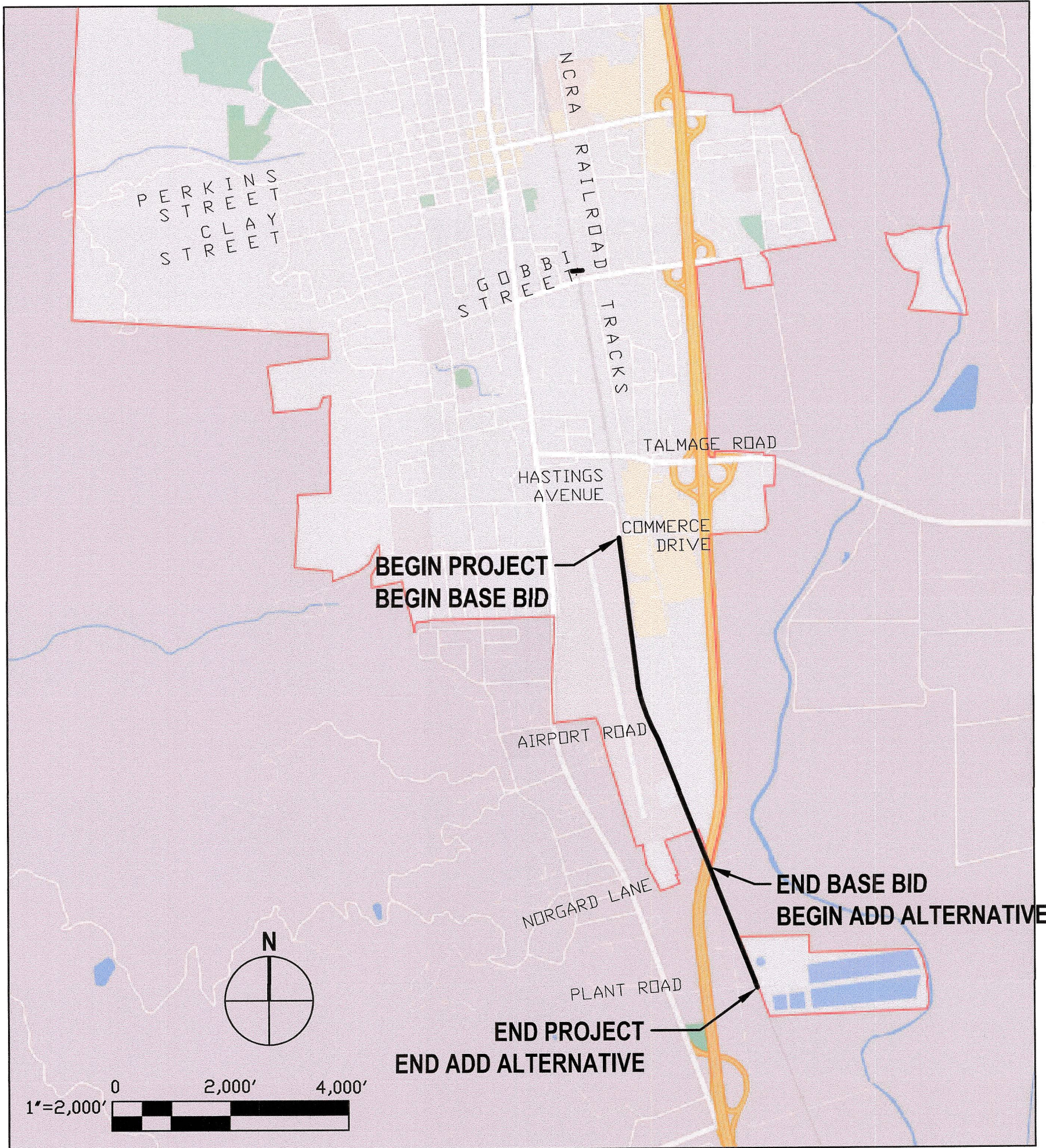
Know what's below.
Call before you dig.

Contractor shall call
Underground Service Alert at
811 two working days prior
to excavation

AREA MAP



LOCATION MAP



APPROVALS

CITY OF UKIAH

DIRECTOR OF PUBLIC WORKS/CITY ENGINEER
TIM ERIKSEN, PE

APPROVAL

SIGNED



1/3/2023
DATE

CITY PROJECT MANAGER
ANDREW STRICKLIN

APPROVAL

SIGNED

1/3/2023
DATE

ENGINEER: GHD Inc:
ERIK FANSELAU, PE

APPROVAL

SIGNED

12/21/22
DATE

No.	Issue		Checked	Approved	Date
Author	H. DAAS	Drafting Check	E. FANSELAU	Project Manager	E. FANSELAU
Designer	H. DAAS	Design Check	E. FANSELAU	Project Director	M. KENNEDY

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12/21/2022



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Client CITY OF UKIAH

Project THE GREAT REDWOOD TRAIL PHASE 4

Project No.
12557341

Date
SEP 30, 2022

Scale
NO SCALE

Title COVER SHEET

Sheet No.
G-001

Sheet
1 of 96

Size
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3	G-003	LEGEND & ABBREVIATIONS
4	G-004	CONSTRUCTION NOTES
SURVEY CONTROL		
5	G-005	SURVEY CONTROL AND ALIGNMENT DATA
6	G-006	SURVEY CONTROL AND ALIGNMENT DATA ADD ALTERNATIVE
TYPICAL SECTIONS		
7	C-001	TYPICAL SECTIONS - COMMERCE DR TO AIRPORT RD
8	C-002	TYPICAL SECTIONS - AIRPORT RD TO NORGARD LN
9	C-003	TYPICAL SECTIONS - NORGARD LN TO PLANT RD ADD ALTERNATIVE
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11	C-102	TRAIL PLAN AND PROFILE STA 403+90 TO 407+80
12	C-103	TRAIL PLAN AND PROFILE STA 407+80 TO 411+70
13	C-104	TRAIL PLAN AND PROFILE STA 411+70 TO 415+60
14	C-105	TRAIL PLAN AND PROFILE STA 415+60 TO 419+50
15	C-106	TRAIL PLAN AND PROFILE STA 419+50 TO 423+40
16	C-107	TRAIL PLAN AND PROFILE STA 423+40 TO 427+30
17	C-108	TRAIL PLAN AND PROFILE STA 427+30 TO 431+20
18	C-109	TRAIL PLAN AND PROFILE STA 431+20 TO 435+10
19	C-110	TRAIL PLAN AND PROFILE STA 435+10 TO 438+91
20	C-111	TRAIL PLAN AND PROFILE STA 438+91 TO 442+91
21	C-112	TRAIL PLAN AND PROFILE STA 442+91 TO 446+81
22	C-113	TRAIL PLAN AND PROFILE STA 446+81 TO 450+51
23	C-114	TRAIL PLAN AND PROFILE STA 450+51 TO 454+86
24	C-115	TRAIL PLAN AND PROFILE STA 454+86 TO 458+61 BASE BID AND ADD ALTERNATIVE
25	C-116	TRAIL PLAN AND PROFILE STA 458+61 TO 462+51 ADD ALTERNATIVE
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44	CE103	EROSION CONTROL PLAN STA 415+60 TO 423+40
45	CE104	EROSION CONTROL PLAN STA 423+40 TO 431+20
46	CE105	EROSION CONTROL PLAN STA 431+20 TO 438+91
47	CE106	EROSION CONTROL PLAN STA 438+91 TO 446+83
48	CE107	EROSION CONTROL PLAN STA 446+83 TO 456+33
49	CE108	EROSION CONTROL PLAN STA 456+50 TO 462+49 ADD ALTERNATIVE
50	CE109	EROSION CONTROL PLAN STA 462+49 TO 470+29 ADD ALTERNATIVE
51	CE110	EROSION CONTROL PLAN STA 470+29 TO 478+25 ADD ALTERNATIVE

SHEET LIST TABLE		
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92	C-816	CROSS SECTIONS STA 460+50 TO 464+00 ADD ALTERNATIVE
93	C-817	CROSS SECTIONS STA 464+50 TO 468+00 ADD ALTERNATIVE
94	C-818	CROSS SECTIONS STA 468+50 TO 472+00 ADD ALTERNATIVE
95	C-819	CROSS SECTIONS STA 472+50 TO 476+00 ADD ALTERNATIVE
96	C-820	CROSS SECTIONS STA 476+50 TO 480+00 ADD ALTERNATIVE

				Bar is one inch on original size sheet 0 1"		 12/21/2022	 GHD Inc. 2235 Mercury Way Suite 150 Santa Rosa California 95407 USA T 1 707 523 1010 F 1 707 527 8679 www.ghd.com	 www.ghd.com	Client CITY OF UKIAH			Title SHEET INDEX		Size ANSI D		
									Project THE GREAT REDWOOD TRAIL PHASE 4							
No. Issue Checked Approved Date									Project No. 12557341		Date SEP 30, 2022		Scale NONE		Sheet No. G-002	Sheet 2 of 96
Author C. PHELPS Drafting Check E. FANSELAU Project Manager E. FANSELAU Designer C. PHELPS Design Check E. FANSELAU Project Director M. KENNEDY																

GENERAL 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 2018 STANDARD SPECIFICATIONS, CITY OF UKIAH STANDARD DRAWINGS, THE PROJECT PLANS, AND THE PROJECT SPECIAL PROVISIONS UNLESS OTHERWISE NOTED.
3.

THE CONTRACTOR SHALL PROVIDE, PROCURE AND PAY FOR ALL PERMITS REQUIRED TO CARRY ON AND COMPLETE THE WORK. THESE INCLUDE, BUT ARE NOT LIMITED TO, A CITY OF UKIAH ENCRoACHMENT PERMIT (WAIVED), COUNTY OF MENDOCINO ENCRoACHMENT PERMIT, RIGHT OF ENTRY PERMIT BY GRTA, CURRENT BUSINESS LICENSE, VALID AND PROPER CONTRACTOR'S LICENSE. ENCRoACHMENT PERMITS MUST BE LOCATED ON THE JOB SITE DURING WHICH TIME CONTRACTOR IS WORKING THERE.
4.

CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (U.S.A.) NORTH A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION. DIAL (TOLL FREE) 1-800-642-2444 OR 811.
5.

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.
6.

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.
7.

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.
8.

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.
9.

PROJECT REQUIRES A CLASS A GENERAL ENGINEERING CONTRACTOR'S LICENSE IN THE STATE OF CALIFORNIA.
10.

QUANTITIES OF ITEMS, LENGTH OF PROJECT, AND SITE CONDITIONS SHOWN IN THE PLANS ARE APPROXIMATE.
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, GHD INC., THE GRTA, AND THEIR REPRESENTATIVES HARMLESS FROM ANY AND ALL LIABILITY, REAL AND/OR ALLEGED, IN CONJUNCTION WITH THE PERFORMANCE OF THIS PROJECT.
12.

CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY AND ALL DAMAGES TO EXISTING STRUCTURES, ROADS, AND UTILITIES DURING CONSTRUCTION REGARDLESS WHETHER IN CITY, PRIVATE, OR GRTA PROPERTY. ALL DAMAGE SHALL SHALL BE RESTORED TO EQUAL OR BETTER CONDITION AT THE CONTRACTOR'S EXPENSE.
13.

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.
14.

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.
15.

CONTRACTOR SHALL PROVIDE AND MAINTAIN SUFFICIENT TEMPORARY BARRIERS TO PROVIDE FOR THE SAFETY OF THE PUBLIC TO THE SATISFACTION OF THE ENGINEER.
16.

SHOULD GRADING OPERATIONS ENCOUNTER HAZARDOUS MATERIALS, OR WHAT APPEAR TO BE HAZARDOUS MATERIALS, STOP WORK IN THE AFFECTED AREA IMMEDIATELY AND CONTACT 911 (OR THE APPROPRIATE AGENCY) AND CITY FOR FURTHER INSTRUCTION.
17.

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 AND GRTA REPRESENTATIVE TO MINIMIZE IMPACT TO RESIDENTS AND ADJACENT LANDOWNERS.
18.

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.
19.

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.
20.

NO WORK SHALL BE PERFORMED OUTSIDE OF THE DESIGNATED CONSTRUCTION LIMITS WITHOUT THE APPROVAL OF THE CITY.
21.

THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING APPROVED STAGING AREAS WITH THE CITY OF UKIAH CITY ENGINEER AND THE GRTA.
22.

NEW STRIPING AND MARKINGS SHALL BE THERMOPLASTIC PER SECTION 84 OF THE 2018 CALTRANS STANDARD SPECIFICATIONS.
23.

ALL WORK WITHIN GRTA ROW SHALL CONFORM TO GRTA BMP'S AND GRTA'S RIGHT OF ENTRY PERMIT. NO HEAVY EQUIPMENT SHALL BE OPERATED WITHIN 8 FEET OF THE TRACK END OF TIES.

UTILITY NOTES:

1.

THE LOCATION OF UTILITIES SHOWN IN THE PLANS IS APPROXIMATE AND IS ONLY SHOWN TO ASSIST THE CONTRACTOR IN COMPLETING THE WORK. THE CONTRACTOR SHALL VERIFY ALL UTILITIES WITH OWNERS PRIOR TO CONSTRUCTION. ANY DAMAGE TO EXISTING UTILITIES THROUGH THE NEGLIGENCE OF THE CONTRACTOR SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
2.

IF ANY WORK IS IN CLOSE PROXIMITY TO EXISTING UTILITIES AND COORDINATION IS REQUESTED BY THE UTILITY COMPANY, THE CONTRACTOR SHALL COORDINATE UTILITY WORK WITH THE RESPONSIBLE UTILITY COMPANY (UTILITY OWNER).
3.

THE ACTUAL LOCATION OF EXISTING UTILITIES MAY VARY FROM THAT SHOWN ON THE PLANS. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL POT HOLE AND LOCATE ALL EXISTING UTILITIES VARIATIONS IN LOCATION AND DEPTH SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND CITY IMMEDIATELY SO THAT THE LOCATION OF UTILITIES MAY BE CHECKED WITH THE PROPOSED DESIGN. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (U.S.A.) NORTH A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION. DIAL (TOLL FREE) 1-800-642-2444 OR 811. ALL WORK WITHIN 5 FEET HORIZONTAL OF ANY PG&E GAS MAIN AND AT&T FIBER OPTIC LINE SHALL BE PERFORMED UNDER INSPECTION BY THE UTILITY OWNER. CONTRACTOR SHALL NOTIFY UTILITY OWNER A MINIMUM OF 5 WORKING DAYS IN ADVANCE OF PLANNED EXCAVATION.
4.

ALL EXISTING UTILITIES AND TIE-IN POINTS SHOULD BE CONSIDERED ACTIVE UTILITIES UNLESS OTHERWISE INDICATED.
5.

CONSTRUCTION ACTIVITY WILL TAKE PLACE IN THE VICINITY OF OVERHEAD ELECTRIC TRANSMISSION LINES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BE AWARE OF, AND OBSERVE, THE MINIMUM CLEARANCES FOR WORKERS AND EQUIPMENT OPERATING NEAR HIGH VOLTAGE ELECTRIC LINES AS SET OUT IN THE HIGH VOLTAGE SAFETY ORDERS OF THE CALIFORNIA DIVISION OF INDUSTRIAL SAFETY AS WELL AS OTHER APPLICABLE SAFETY REGULATIONS.

GRADING NOTES:

1.

THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL SURVEY DATA. CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING RIGHT-OF-WAY LINES, SLOPE EASEMENTS, AND ALL HORIZONTAL AND VERTICAL CONTROL PRIOR TO CONSTRUCTION.
2.

CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION STAKING AND SHALL ARRANGE FOR STAKING BY A CALIFORNIA LICENSED SURVEYOR. STAKING WILL BE REVIEWED BY ENGINEER FOR CONFORMANCE TO DESIGN PRIOR TO CONSTRUCTION.
3.

CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF ALL CONSTRUCTION. ADEQUATE SHORING BRACING, TIES, AND SUPPORTS SHALL BE USED TO PROVIDE PROPER TEMPORARY INTEGRITY DURING ALL PHASES OF CONSTRUCTION.
4.

ALL EXISTING LANDSCAPED AND UNPAVED AREAS WHICH ARE DISTURBED BY CONSTRUCTION OR EARTHWORK OPERATIONS SHALL BE HAND RAKED SMOOTH AND RETURNED TO ORIGINAL EXISTING CONDITIONS.

TRAFFIC CONTROL NOTES:

1.

ALL PERMANENT AND TEMPORARY ROADSIDE SIGNS SHALL BE PLACED IN ACCORDANCE WITH THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). CONTRACTOR SHALL USE THE CA MUTCD FOR TRAFFIC CONTROL. SEE SPECIAL PROVISIONS FOR OTHER TRAFFIC CONTROL REQUIREMENTS.
2.

THE CONTRACTOR IS RESPONSIBLE FOR PREPARING AND SUBMITTING A TRAFFIC CONTROL PLAN IN ACCORDANCE WITH THE PROJECT PLANS, THE CONTRACTOR'S SEQUENCING PLAN, CA MUTCD, AND THE PROJECT SPECIAL PROVISIONS.
3.

CONTRACTOR TO COORDINATE TEMPORARY TRAFFIC CONTROL WITH THE CITY.
4.

CONTRACTOR SHALL PROVIDE TEMPORARY PEDESTRIAN ACCESS DURING CONSTRUCTION.

TEMPORARY PEDESTRIAN ACCESS NOTES:

1.

THE CURB RAMP STANDARDS DEPICTED HERE MAY NOT BE APPROPRIATE FOR ALL LOCATIONS. FIELD CONDITIONS AT INDIVIDUAL LOCATIONS MAY REQUIRE SPECIFIC DESIGNS. DESIGNS MUST BE CONSISTENT WITH THE PROVISIONS OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) 2018 STANDARD PLANS AND/OR CITY OF UKIAH STANDARD PLANS TO THE MAXIMUM EXTENT FEASIBLE.
2.

SIDEWALK THICKNESS SHALL BE 4" MINIMUM, RAMP THICKNESS SHALL BE 4" MINIMUM OVER 3" AGGREGATE BASE.
3.

TRANSITIONS FROM RAMPS AND LANDINGS TO WALKS, GUTTERS, OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT CHANGES NOT EXCEEDING 1/4" VERTICAL.
4.

MAXIMUM SLOPES OF ADJOINING GUTTERS, THE ROAD SURFACE IMMEDIATELY ADJACENT TO THE CURB RAMP OR ACCESSIBLE ROUTE SHALL NOT EXCEED 5% WITHIN 4'-0" OF THE TOP AND BOTTOM OF THE CURB RAMP.
5.

CONTRACTOR TO PROVIDE 0.3' AC EDGE PATCH AROUND CURB AND/OR CURB AND GUTTER LINE, AS REQUIRED IN FIELD
6.

A 6" HIGH WARNING CURB IS REQUIRED PER CBC 11338.8.1 WHENEVER THERE IS AN ABRUPT CHANGE IN GRADE ELEVATION OFF THE EDGE OF A WALKING SURFACE THAT EXCEEDS 4" VERTICAL.
7.

CONTRACTOR SHALL PROVIDE CONTINUOUS PATH OF TRAVEL AT ALL TIMES. A CONTINUOUS PATH OF TRAVEL SHALL BE 48 INCHES MINIMUM UNOBSTRUCTED WIDTH WITH RIGID SURFACE MATERIALS AT CROSS SLOPES OF 2% MAXIMUM AND A RUNNING SLOPE OF 5% MAXIMUM IN THE DIRECTION OF TRAVEL OR 8.33% MAXIMUM FOR RAMP. PLASTIC MESH FENCING SHALL BE INSTALLED ADJACENT TO THE TEMPORARY PEDESTRIAN RAMP TO PROVIDE VISUAL WARNING AND CONTROL FOR PEDESTRIANS. THE PLASTIC MESH SHALL BE 4 FOOT HIGH MINIMUM IN SAFETY ORANGE COLOR AND SECURELY WIRE TIED TO TYPE II BARRICADES OR EQUAL BARRICADES SHALL BE PROPERLY SPACED AND ADEQUATELY WEIGHTED WITH SAND BAGS OR APPROVED EQUAL TO ENSURE MESH REMAINS VERTICAL AND AT PROPER HEIGHT AT ALL TIMES.

8.

WHEN AN EXISTING PATH OF TRAVEL IS TO BE BLOCKED OR REMOVED, THE CONTRACTOR SHALL SUBMIT AN ACCESS PLAN FOR CITY APPROVAL. NO WORK SHALL COMMENCE UNTIL AN APPROVED ACCESS PLAN HAS BEEN OBTAINED FROM THE CITY. THE ACCESS PLAN SHALL CONSIST OF TEMPORARY RAMPS OR AN APPROVED EQUAL.
9.

IF THE CONSTRUCTION WORK AREA IS WITHIN AN EXISTING FACILITY (E.G. BUS STOPS, CROSSWALKS, ETC.), CONTRACTOR SHALL PROVIDE 48 HOURS ADVANCE NOTICE TO OWNERS OF THE FACILITY INDICATING THE AFFECTED LOCATION AND DURATION OF WORK. NO TWO FACILITIES OR PROGRAMS IN SEQUENCE SHALL BE BLOCKED OR CLOSED FOR PUBLIC USE.
10.

PAYMENT FOR PROVIDING A CONTINUOUS PATH OF TRAVEL SHALL BE CONSIDERED AS INCLUDED IN VARIOUS ITEMS OF WORK AND NO SEPARATE PAYMENT SHALL BE MADE. PROVISIONS FOR CONTINUOUS PATH OF TRAVEL SHALL INCLUDE INSTALLATION AND MAINTENANCE OF TEMPORARY RAMPS, POT HOLING OF UTILITIES, RESTORATION OF EXISTING STREET IMPROVEMENTS, COORDINATION OF WORK, TRAFFIC CONTROLS AND ALL ASSOCIATED WORK NEEDED TO COMPLETE THIS REQUIREMENT. HOWEVER, THE CONTRACTOR WILL BE ENTITLED FOR ADDITIONAL WORKING DAYS TO THE CONTRACT PERIOD FOR RIGHT-OF-WAY DELAYS AT NO FAULT BY THE CONTRACTOR.

PROJECT SCOPE:

- *

CONSTRUCT AN ACCESSIBLE CALTRANS CLASS I MULTI-USE PATH WITHIN THE RAILROAD RIGHT OF WAY.
- *

THE PATH EXTENDS FROM COMMERCE DRIVE SOUTH TO PLANT ROAD, ALONG THE EAST SIDE OF THE EXISTING RAIL ROAD TRACKS.
- *

ACCESSIBILITY IMPROVEMENTS INCLUDE NEW ACCESSIBLE RAMPS AT EACH STREET CROSSING, WITH THE APPROPRIATE CROSSWALK MARKINGS.

GOVERNING AGENCIES:

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

MENDOCINO COUNTY
860 NORTH BUSH STREET
UKIAH, CA 95482
(707) 234-6650

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

NORTH COAST REGIONAL WATER QUALITY CONTROL BOARD
5550 SKYLANE BLVD SUITE A
SANTA ROSA CA 95403-1072
(707) 576-2220

CALIFORNIA DEPT. OF FISH AND WILDLIFE
NORTHERN REGION
619 SECOND STREET
EUREKA, CA 95501
(707) 445-6493

APPLICABLE CODES:

CITY OF UKIAH STANDARD PLANS

2018 STANDARD SPECIFICATIONS AND STANDARD PLANS
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

2014 CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL (CA MUTCD LATEST EDITION)

2018 POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS MANUAL

2018 CALIFORNIA BUILDING CODE (CBC)
CALIFORNIA CODE OF REGULATIONS
(CCR) TITLE 24, PART 2

2018 CALIFORNIA ELECTRICAL CODE (CEC)
CALIFORNIA CODE OF REGULATIONS
(CCR) TITLE 24, PART 3

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

GEOTECHNICAL REPORT, GREAT REDWOOD TRAIL PHASE 4, CRAWFORD & ASSOCIATES, INC. SEPTEMBER 2022



Know what's below.
Call before you dig.

Contractor shall call
Underground Service Alert at
811 two working days prior
to excavation

				Bar is one inch on original size sheet 0 1"							Client CITY OF UKIAH		Title CONSTRUCTION NOTES		Size ANSI D			
											Project THE GREAT REDWOOD TRAIL PHASE 4							
No. Issue				Checked		Approved		Date		Project No. 12557341		Date SEP 30, 2022		Scale NO SCALE		Sheet No G-004	Sheet 4 of 96	
Author H. DAAS		Drafting Check E. FANSELAU		Project Manager E. FANSELAU														
Designer H. DAAS		Design Check E. FANSELAU		Project Director M. KENNEDY														

BASIS OF BEARINGS:

THE BASIS OF BEARINGS FOR THIS SURVEY IS CCS ZONE 2, NAD 83 (EPOCH 2010.00) AS DETERMINED BY GPS FAST-STATIC TIES TO CORRS STATIONS, DN9089(P334), DK6396(P206), DM7530(P059), DN7378(P319), DN7390(P335), DO7031(CASR), DM6171(P188), DN7384(P329), AND DN5651(P339). ALL DISTANCES ARE GROUND DISTANCES, MULTIPLY BY 0.99989086 TO CONVERT TO GRID DISTANCES.

BENCHMARK:

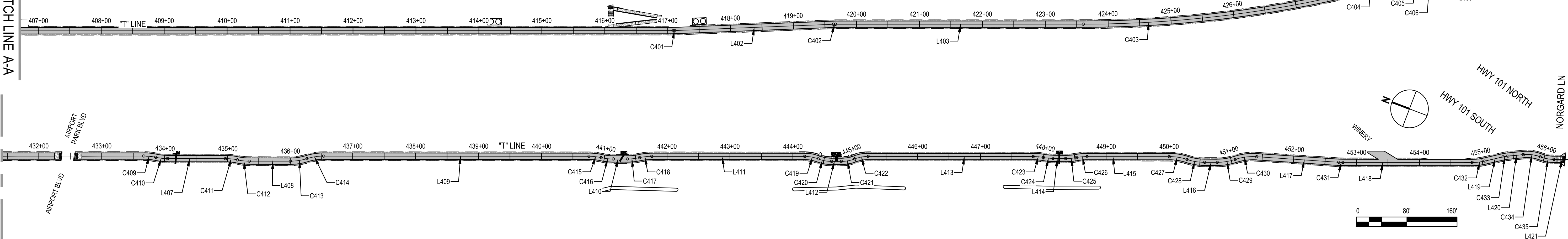
THE VERTICAL DATUM FOR THIS SURVEY IS NAVD 88, DETERMINED BY GPS FAST-STATIC TIES TO THE ABOVE CORRS STATIONS. PROJECT BENCH MARK IS A BRASS DISK IN STANDARD WELL MONUMENT AT THE INTERSECTION OF THE CENTER LINES OF FORD STREET AND MYRON STREET. ELEVATION = 610.92 (NAVD88).

CONTROL POINT TABLE				
Point #	Eastings	Northings	Elevation	Description
1001	2176598.91	6221293.14	604.46	NAIL
1002	2176617.13	6221112.65	606.80	NAIL
1003	2175896.41	6221202.32	605.24	NAIL
1004	2175389.86	6221249.68	604.98	NAIL
1005	2174889.01	6221297.40	603.54	NAIL
1006	2174337.60	6221348.68	600.25	NAIL
1007	2173822.60	6221432.96	594.54	NAIL
1008	2173376.51	6221644.32	595.17	NAIL
1009	2172736.94	6221796.69	592.08	NAIL
1010	2172118.10	6222072.16	586.15	NAIL
1011	2175975.15	6221303.57	597.33	NAIL

CONTROL POINT TABLE				
Point #	Eastings	Northings	Elevation	Description
1012	2174800.80	6221434.42	592.64	NAIL
1013	2173835.02	6221563.76	590.74	NAIL
1014	2172649.07	6222013.86	584.18	NAIL
1015	2171450.18	6222444.64	584.40	NAIL
1016	2171110.93	6222386.82	587.24	NAIL
1017	2170969.32	6222603.62	585.35	NAIL
1019	2169143.54	6223321.33	579.42	NAIL
1020	2169139.43	6223192.45	581.14	NAIL
1021	2168593.13	6223529.52	576.52	NAIL
1022	2166769.50	6224153.98	574.12	NAIL
1023	2166788.92	6224193.83	572.44	NAIL

MATCH LINE A-A

MATCH LINE B-B



LINE AND CURVE TABLE "T" LINE								
NUMBER		STATION	NORTHING	EASTING	RADII	BEARING	TANGENT	DEF ANGLE
L400	ST END	400+00.00 400+35.09	2176582.392 2176547.306	6221216.333 6221216.137	-	S0°19'15"W STRAIGHT	-	-
C400	BC MP EC	400+35.09 400+84.52 401+33.87	2176547.306 2176497.873 2176448.653	6221216.137 6221215.860 6221220.460	1000.00	S0°19'15"W ARC S5°20'22"E ARC	98.75	5°39'36"
L401	ST END	401+33.87 417+08.10	2176448.653 2174881.255	6221220.460 6221366.951	-	S5°20'22"E STRAIGHT	-	-
C401	BC MP EC	417+08.10 417+09.86 417+11.62	2174881.255 2174879.503 2174877.758	6221366.951 6221367.115 6221367.347	90.00	S5°20'22"E ARC S7°34'48"E ARC	3.52	2°14'26"
L402	ST END	417+11.62 419+63.37	2174877.758 2174628.211	6221367.347 6221400.555	-	S7°34'48"E STRAIGHT	-	-
C402	BC MP EC	419+63.37 419+65.13 419+66.88	2174628.211 2174626.469 2174624.719	6221400.555 6221400.787 6221400.951	90.00	S7°34'48"E ARC S5°20'32"E ARC	3.51	2°14'16"
L403	ST END	419+66.88 423+60.31	2174624.719 2174232.999	6221400.951 6221437.581	-	S5°20'32"E STRAIGHT	-	-
C403	BC MP EC	423+60.31 425+71.62 427+81.14	2174232.999 2174022.615 2173821.902	6221437.581 6221457.255 6221523.306	1873.00	S5°20'32"E ARC S18°12'56"E ARC	419.94	12°52'23"
C404	BC MP EC	427+81.14 428+10.93 428+40.70	2173821.902 2173793.601 2173765.979	6221523.306 6221532.619 6221543.784	900.00	S18°12'56"E ARC S22°00'27"E ARC	59.55	3°47'31"
L404	ST END	428+40.70 428+66.09	2173765.979 2173723.898	6221543.784 6221560.792	-	S22°00'27"E STRAIGHT	-	-
C405	BC MP EC	428+66.09 428+96.58 429+06.86	2173723.898 2173714.172 2173703.690	6221560.792 6221564.723 6221565.120	60.00	S22°00'27"E ARC S2°10'23"E ARC	20.67	19°50'04"
C406	BC MP EC	429+06.86 429+17.14 429+27.21	2173703.690 2173693.423 2173683.871	6221565.120 6221565.510 6221569.293	60.00	S2°10'23"E ARC S21°36'22"E ARC	20.25	19°25'58"
L405	ST END	429+27.21 429+47.21	2173683.871 2173665.277	6221569.293 6221576.657	-	S21°36'22"E STRAIGHT	-	-
C407	BC MP EC	429+47.21 429+53.52 429+59.79	2173665.277 2173659.408 2173654.152	6221576.657 6221578.982 6221582.476	60.00	S21°36'22"E ARC S33°37'01"E ARC	12.55	12°00'39"

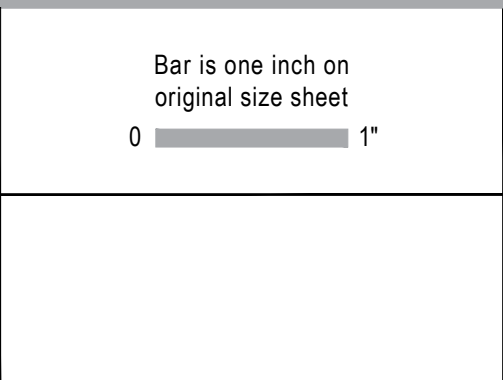
LINE AND CURVE TABLE "T" LINE								
NUMBER		STATION	NORTHING	EASTING	RADII	BEARING	TANGENT	DEF ANGLE
C408	BC MP EC	429+59.79 429+66.50 429+73.16	2173654.152 2173648.561 2173642.287	6221582.476 6221586.193 6221588.582	60.00	S33°37'01"E ARC S20°50'54"E ARC	13.34	12°46'07"
L406	ST END	429+73.16 433+66.72	2173642.287 2173274.492	6221588.582 6221728.649	-	S20°50'54"E STRAIGHT	-	-
C409	BC MP EC	433+66.72 433+76.30 433+85.80	2173274.492 2173265.545 2173256.081	6221728.649 6221732.057 6221733.505	90.00	S20°50'54"E ARC S8°42'15"E ARC	19.04	12°08'39"
C410	BC MP EC	433+85.80 433+95.34 434+04.81	2173256.081 2173246.651 2173237.733	6221733.505 6221734.949 6221738.338	90.00	S8°42'15"E ARC S20°48'20"E ARC	18.97	12°06'05"
L407	ST END	434+04.81 434+96.75	2173237.733 2173151.791	6221738.338 6221770.994	-	S20°48'20"E STRAIGHT	-	-
C411	BC MP EC	434+96.75 435+06.29 435+15.76	2173151.791 2173142.873 2173133.443	6221770.994 6221774.382 6221775.826	90.00	S20°48'20"E ARC S8°42'15"E ARC	18.97	12°06'05"
C412	BC MP EC	435+15.76 435+25.30 435+34.76	2173133.443 2173124.013 2173115.095	6221775.826 6221777.269 6221780.658	90.00	S8°42'15"E ARC S20°48'20"E ARC	18.97	12°06'05"
L408	ST END	435+34.76 436+00.00	2173115.095 2173054.113	6221780.658 6221803.830	-	S20°48'20"E STRAIGHT	-	-
C413	BC MP EC	436+00.00 436+13.57 436+26.93	2173054.113 2173041.430 2173030.731	6221803.830 6221808.649 6221816.993	90.00	S20°48'20"E ARC S37°57'06"E ARC	26.83	17°08'46"
C414	BC MP EC	436+26.93 436+40.50 436+53.87	2173030.731 2173020.032 2173007.349	6221816.993 6221825.338 6221830.157	90.00	S37°57'06"E ARC S20°48'20"E ARC	26.83	17°08'46"
L409	ST END	436+53.87 440+75.30	2173007.349 2172613.396	6221830.157 6221979.849	-	S20°48'20"E STRAIGHT	-	-
C415	BC MP EC	440+75.30 440+85.08 440+94.78	2172613.396 2172604.255 2172594.582	6221979.849 6221983.322 6221984.752	90.00	S20°48'20"E ARC S8°24'15"E ARC	19.44	12°24'05"
C416	BC MP EC	440+94.78 441+04.56 441+14.26	2172594.582 2172584.908 2172575.768	6221984.752 6221986.181 6221989.654	90.00	S8°24'15"E ARC S20°48'20"E ARC	19.44	12°24'05"
L410	ST END	441+14.26 441+36.77	2172575.768 2172554.731	6221989.654 6221997.647	-	S20°48'20"E STRAIGHT	-	-

LINE AND CURVE TABLE "T" LINE								
NUMBER		STATION	NORTHING	EASTING	RADII	BEARING	TANGENT	DEF ANGLE
C417	BC MP EC	441+36.77 441+46.54 441+56.25	2172554.731 2172545.590 2172537.409	6221997.647 6222001.120 6222006.476	90.00	S20°48'20"E ARC S33°12'25"E ARC	19.44	12°24'05"
C418	BC MP EC	441+56.25 441+66.02 441+75.73	2172537.409 2172529.228 2172520.087	6222006.476 6222011.831 6222015.304	90.00	S33°12'25"E ARC S20°48'20"E ARC	19.44	12°24'05"
L411	ST END	441+75.73 444+18.72	2172520.087 2172292.942	6222015.304 6222101.614	-	S20°48'20"E STRAIGHT	-	-
C419	BC MP EC	444+18.72 444+29.76 444+40.55	2172292.942 2172282.621 2172271.580	6222101.614 6222105.535 6222105.526	60.00	S20°48'20"E ARC S0°02'53"W ARC	21.72	20°51'13"
C420	BC MP EC	444+40.55 444+51.59 444+62.39	2172271.580 2172260.539 2172250.218	6222105.526 6222105.517 6222109.439	60.00	S0°02'53"W ARC S20°48'20"E ARC	21.72	20°51'13"
L412	ST END	444+62.39 444+77.89	2172250.218 2172235.728	6222109.439 6222114.944	-	S20°48'20"E STRAIGHT	-	-
C421	BC MP EC	444+77.89 444+88.93 444+99.73	2172235.728 2172225.407 2172217.158	6222114.944 6222118.866 6222126.205	60.00	S20°48'20"E ARC S41°39'33"E ARC	21.72	20°51'13"
C422	BC MP EC	444+99.73 445+10.77 445+21.57	2172217.158 2172208.909 2172198.588	6222126.205 6222133.544 6222137.466	60.00	S41°39'33"E ARC S20°48'20"E ARC	21.72	20°51'13"
L413	ST END	445+21.57 447+83.71	2172198.588 2171953.536	6222137.466 6222230.579	-	S20°48'20"E STRAIGHT	-	-
C423	BC MP EC	447+83.71 447+91.84 447+99.91	2171953.536 2171945.943 2171937.957	6222230.579 6222233.464 6222234.943	90.00	S20°48'20"E ARC S10°29'31"E ARC	16.18	10°18'49"
C424	BC MP EC	447+99.91 448+07.64 448+15.33	2171937.957 2171930.362 2171923.117	6222234.943 6222236.350 6222239.030	90.00	S10°29'31"E ARC S20°18'11"E ARC	15.39	9°48'40"
L414	ST END	448+15.33 448+35.33	2171923.117 2171904.360	6222239.030 6222245.970	-	S20°18'11"E STRAIGHT	-	-
C425	BC MP EC	448+35.33 448+44.09 448+52.80	2171904.360 2171896.140 2171888.662	6222245.970 6222249.011 6222253.580	90.00	S20°18'11"E ARC S31°25'35"E ARC	17.44	11°07'24"
C426	BC MP EC	448+52.80 448+61.16 448+69.48	2171888.662 2171881.524 2171873.704	6222253.580 6222257.942 6222260.914	90.00	S31°25'35"E ARC S20°48'20"E ARC	16.66	10°37'15"

SEE G-006 TABLES FOR MORE SEGMENTS

No.	Issue	Checked	Approved	Date
Author	H. DAAS	Drafting Check	R. MADDOCK	Project Manager
Designer	H. DAAS	Design Check	E. FANSELAU	Project Director
			M. KENNEDY	

Bar is one inch on original size sheet	0 1"
12/21/2022	



12/21/2022

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Santa Rosa California 95407 USA
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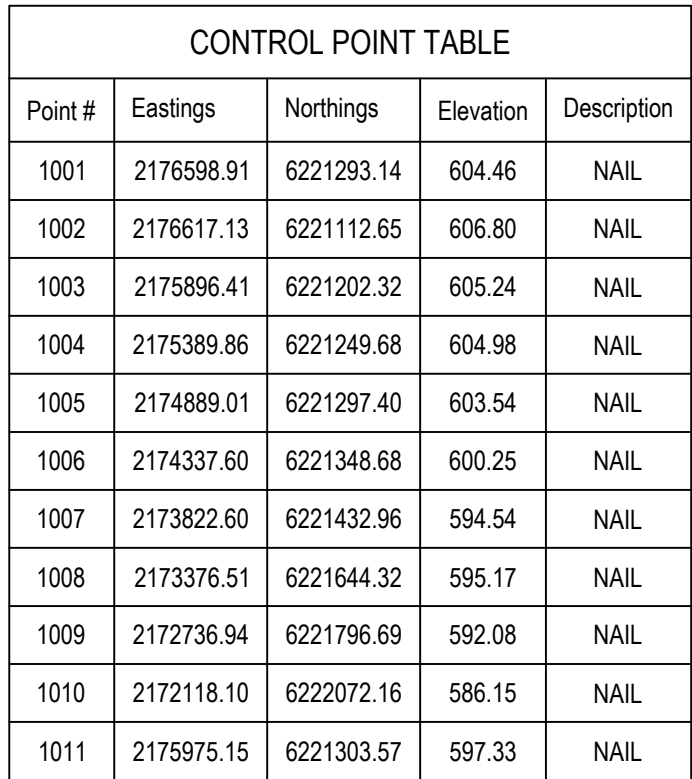
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Client	CITY OF UKIAH
Project	THE GREAT REDWOOD TRAIL PHASE 4
Project No.	12557341
Date	SEP 30, 2022
Scale	AS SHOWN

Title	SURVEY CONTROL AND ALIGNMENT DATA
Sheet No.	G-005
Sheet	5 of 96

THE BASIS OF BEARINGS FOR THIS SURVEY IS CCS ZONE 2, NAD 83 (EPOCH 2010.00) AS DETERMINED BY GPS FAST-STATIC TIES TO CORS STATIONS, DN9089(P334), DK6396(P206), DN7530(P059), DN7378(P319), DN7390(P335), DO7031(CASR), DM6171(P188), DN7384(P329), AND DN5651(P339). ALL DISTANCES ARE GROUND DISTANCES; MULTIPLY BY 0.99989086 TO CONVERT TO GRID DISTANCES.

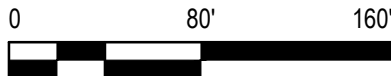
THE VERTICAL DATUM FOR THIS SURVEY IS NAVD 88, DETERMINED BY GPS FAST-STATIC TIES TO THE ABOVE CORS STATIONS. PROJECT BENCH MARK IS A BRASS DISK IN STANDARD WELL MONUMENT AT THE INTERSECTION OF THE CENTER LINES OF FORD STREET AND MYRON STREET.
ELEVATION = 610.92 (NAVD88).



CONTROL POINT TABLE				
Point #	Eastings	Northings	Elevation	Description
1012	2174800.80	6221434.42	592.64	NAIL
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1014	2172649.07	6222013.86	584.18	NAIL
1015	2171450.18	6222444.64	584.40	NAIL
1016	2171110.93	6222386.82	587.24	NAIL
1017	2170969.32	6222603.62	585.35	NAIL
1019	2169143.54	6223321.33	579.42	NAIL
1020	2169139.43	6223192.45	581.14	NAIL
1021	2168593.13	6223529.52	576.52	NAIL
1022	2166769.50	6224153.98	574.12	NAIL
1023	2166788.92	6224193.83	572.44	NAIL

LINE AND CURVE TABLE "T" LINE									
NUMBER		STATION	NORTHING	EASTING	RADII	BEARING	TANGENT	DEF ANGLE	ARC LENGTH
L415	ST END	448+69.48 450+00.33	2171873.704 2171751.385	6222260.914 6222307.391	- -	S20°48'20"E STRAIGHT	- -	- -	- -
C427	BC MP EC	450+00.33 450+14.74 450+28.91	2171751.385 2171737.914 2171723.517	6222307.391 6222312.510 6222313.167	- 90.00 -	S20°48'20"E ARC S2°36'38"E ARC	- 28.46 -	18°11'42" -	28.58 -
C428	BC MP EC	450+28.91 450+43.32 450+57.49	2171723.517 2171709.120 2171695.649	6222313.167 6222313.823 6222318.942	- 90.00 -	S2°36'38"E ARC S20°48'20"E ARC	- 28.46 -	18°11'42" -	28.58 -
L416	ST END	450+57.49 450+77.49	2171695.649 2171676.953	6222318.942 6222326.046	- -	S20°48'20"E STRAIGHT	- -	- -	- -
C429	BC MP EC	450+77.49 450+92.02 451+06.29	2171676.953 2171663.377 2171652.113	6222326.046 6222331.205 6222340.371	- 90.00 -	S20°48'20"E ARC S39°08'18"E ARC	- 28.67 -	18°19'59" -	28.80 -
C430	BC MP EC	451+06.29 451+23.91 451+41.09	2171652.113 2171638.447 2171621.597	6222340.371 6222351.492 6222356.639	- 90.00 -	S39°08'18"E ARC S16°59'08"E ARC	- 34.58 -	22°09'11" -	34.80 -
L417	ST END	451+41.09 452+71.79	2171621.597 2171496.593	6222356.639 6222394.822	- -	S16°59'08"E STRAIGHT	- -	- -	- -
C431	BC MP EC	452+71.79 452+75.13 452+78.46	2171496.593 2171493.405 2171490.289	6222394.822 6222395.796 6222396.980	- 100.00 -	S16°59'08"E ARC S20°48'14"E ARC	- 6.66 -	3°49'06" -	6.66 -
L418	ST END	452+78.46 454+83.74	2171490.289 2171298.390	6222396.980 6222469.891	- -	S20°48'14"E STRAIGHT	- -	- -	- -
C432	BC MP EC	454+83.74 454+93.97 455+04.11	2171298.390 2171288.827 2171280.323	6222469.891 6222473.524 6222479.211	- 90.00 -	S20°48'14"E ARC S33°46'25"E ARC	- 20.33 -	12°58'11" -	20.37 -
L419	ST END	455+04.11 455+33.72	2171280.323 2171255.714	6222479.211 6222495.669	- -	S33°46'25"E STRAIGHT	- -	- -	- -
C433	BC MP EC	455+33.72 455+37.64 455+41.55	2171255.714 2171252.456 2171248.943	6222495.669 6222497.847 6222499.584	- 60.00 -	S33°46'25"E ARC S26°17'56"E ARC	- 7.82 -	7°28'29" -	7.83 -
L420	ST END	455+41.55 455+66.30	2171248.943 2171226.751	6222499.584 6222510.551	- -	S26°17'56"E STRAIGHT	- -	- -	- -
C434	BC MP EC	455+66.30 455+80.33 455+93.86	2171226.751 2171214.174 2171200.146	6222510.551 6222516.767 6222516.761	- 60.00 -	S26°17'56"E ARC S0°01'17"W ARC	- 27.32 -	26°19'13" -	27.56 -

LINE AND CURVE TABLE "T" LINE									
NUMBER		STATION	NORTHING	EASTING	RADII	BEARING	TANGENT	DEF ANGLE	ARC LENGTH
C435	BC	455+93.86	2171200.146	6222516.761	-	-	-	-	-
	MP	456+04.93	2171189.074	6222516.757	60.00	S0°01'17"W ARC	21.78	20°54'35"	21.90
	EC	456+15.76	2171178.730	6222520.705	-	S20°53'18"E ARC	-	-	-
L421	ST	456+15.76	2171178.730	6222520.705	-	S20°53'18"E STRAIGHT	-	-	-
	END	456+56.14	2171141.004	6222535.102	-	-	-	-	-
C436	BC	456+56.14	2171141.004	6222535.102	-	-	-	-	-
	MP	456+62.73	2171134.843	6222537.454	15.00	S20°53'18"E ARC	12.07	47°27'55"	12.43
	EC	456+68.57	2171132.410	6222543.583	-	S68°21'13"E ARC	-	-	-
C437	BC	456+68.57	2171132.410	6222543.583	-	-	-	-	-
	MP	456+76.59	2171129.450	6222551.042	15.00	S12°03'42"E ARC	14.15	56°17'31"	14.74
	EC	456+83.30	2171121.602	6222552.719	-	-	-	-	-
L422	ST	456+83.30	2171121.602	6222552.719	-	S12°03'42"E STRAIGHT	-	-	-
	END	457+42.46	2171063.747	6222565.081	-	-	-	-	-
C438	BC	457+42.46	2171063.747	6222565.081	-	-	-	-	-
	MP	457+51.63	2171054.788	6222566.996	120.00	S12°03'42"E ARC	18.27	8°43'55"	18.29
	EC	457+60.75	2171046.223	6222570.248	-	S20°47'37"E ARC	-	-	-
L423	ST	457+60.75	2171046.223	6222570.248	-	S20°47'37"E STRAIGHT	-	-	-
	END	462+06.78	2170629.249	6222728.588	-	-	-	-	-
C439	BC	462+06.78	2170629.249	6222728.588	-	-	-	-	-
	MP	462+10.79	2170625.500	6222730.012	90.00	S20°47'37"E ARC	8.01	5°06'11"	8.02
	EC	462+14.79	2170621.638	6222731.096	-	S15°41'26"E ARC	-	-	-
L424	ST	462+14.79	2170621.638	6222731.096	-	S15°41'26"E STRAIGHT	-	-	-
	END	462+51.56	2170586.245	6222741.038	-	-	-	-	-
C440	BC	462+51.56	2170586.245	6222741.038	-	-	-	-	-
	MP	462+55.58	2170582.371	6222742.127	90.00	S15°41'26"E ARC	8.04	5°07'16"	8.04
	EC	462+59.60	2170578.608	6222743.557	-	S20°48'41"E ARC	-	-	-
L425	ST	462+59.60	2170578.608	6222743.557	-	S20°48'41"E STRAIGHT	-	-	-
	END	480+00.00	2168951.762	6223361.912	-	-	-	-	-



				Bar is one inch on original size sheet 0 1"		
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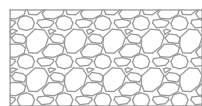
SHEET GENERAL NOTES

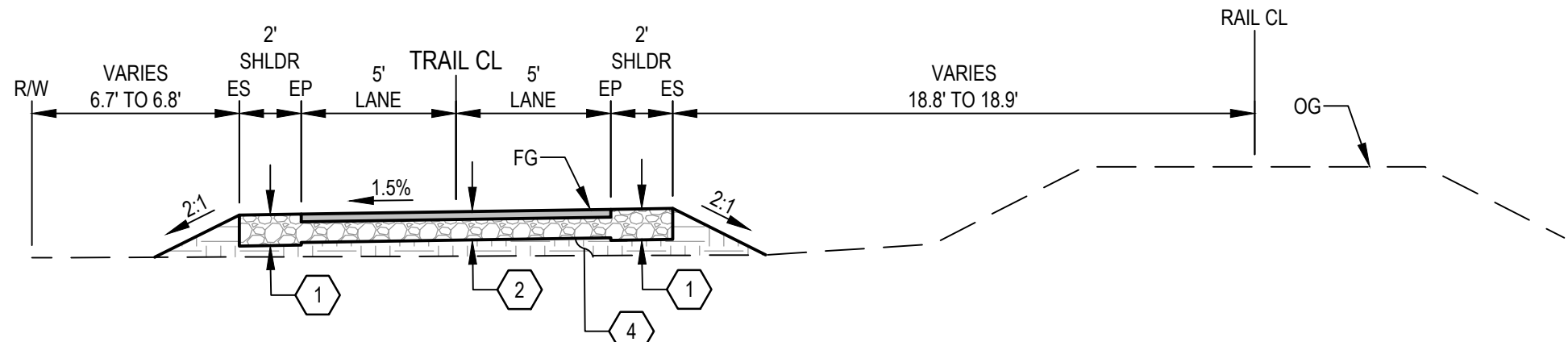
1. PROTECT EXISTING RAIL AT ALL TIMES.
2. COMPACT AGGREGATE BASE TO 95% RELATIVE COMPACTION.
3. SCARIFY & RECOMPACT UPPER 8" OF SUBGRADE TO 95% RELATIVE COMPACTION.
4. SIDE SLOPE ARE 2:1 (H:V) MAX.

SHEET KEYNOTES

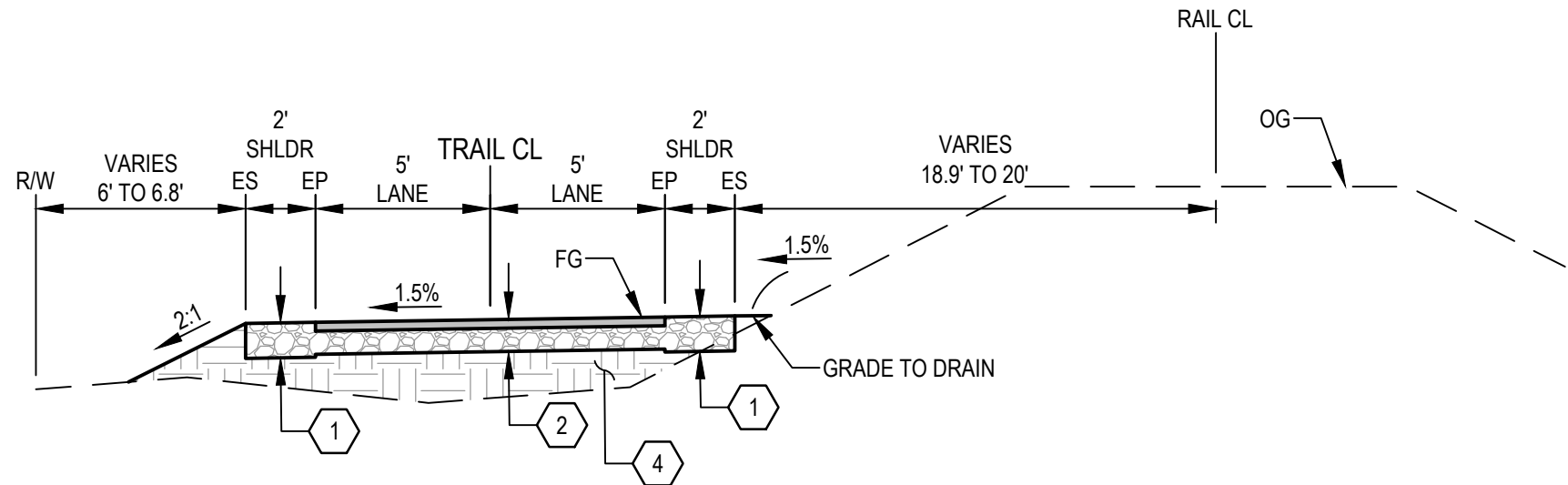
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1.00' CLASS 2 AB
2. TRAIL SECTION:
0.25' AC
0.67' CLASS 2 AB
3. PARKING LOT SECTION (ADD ALTERNATIVE):
0.33' AC
0.67' CLASS 2 AB
4. STRUCTURE FILL

LEGEND

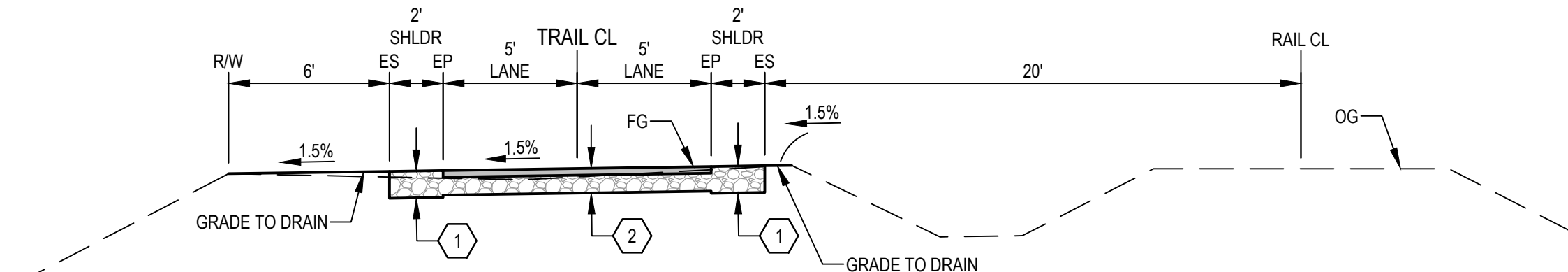
-  AC
-  CLASS 2 AB
-  STRUCTURE BACKFILL



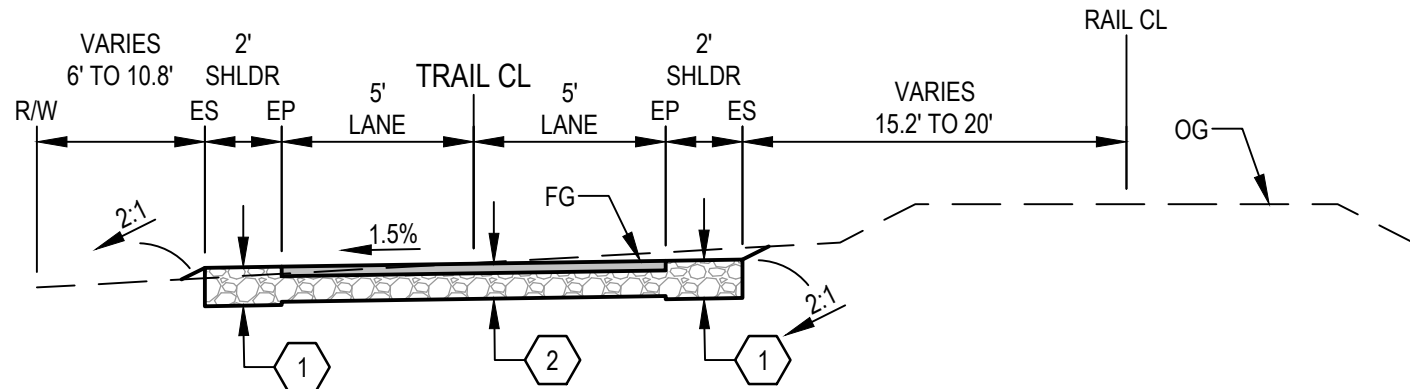
4 TYPICAL SECTION
NO SCALE
STA 431+50 TO STA 429+70.45



3 TYPICAL SECTION
NO SCALE
STA 427+80 TO STA 431+50



2 TYPICAL SECTION
NO SCALE
STA 423+70 TO STA 427+80



1 TYPICAL SECTION
NO SCALE
STA 400+31.10 TO STA 423+70

No.	Issue	Checked	Approved	Date
Author	H. DAAS	Drafting Check	E. FANSELAU	Project Manager
Designer	H. DAAS	Design Check	E. FANSELAU	Project Director
			M. KENNEDY	

Bar is one inch on original size sheet
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Client CITY OF UKIAH

Project THE GREAT REDWOOD TRAIL PHASE 4

Project No.
12557341

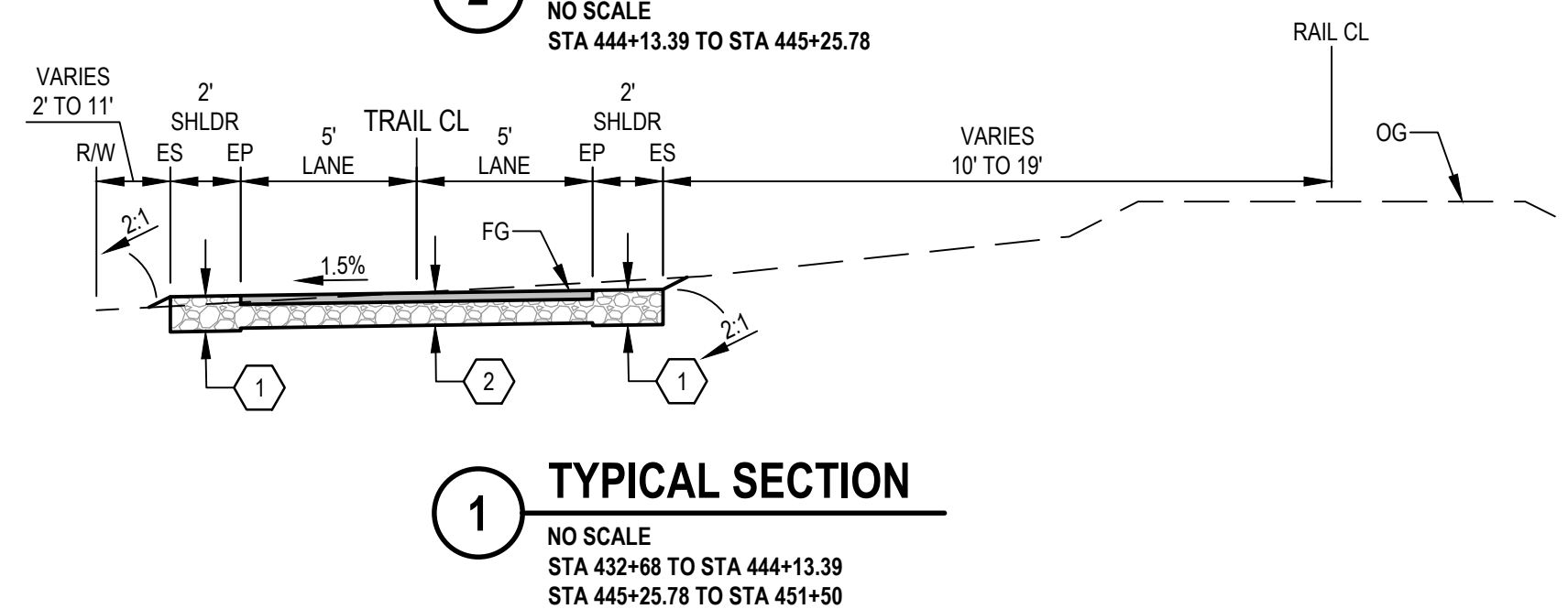
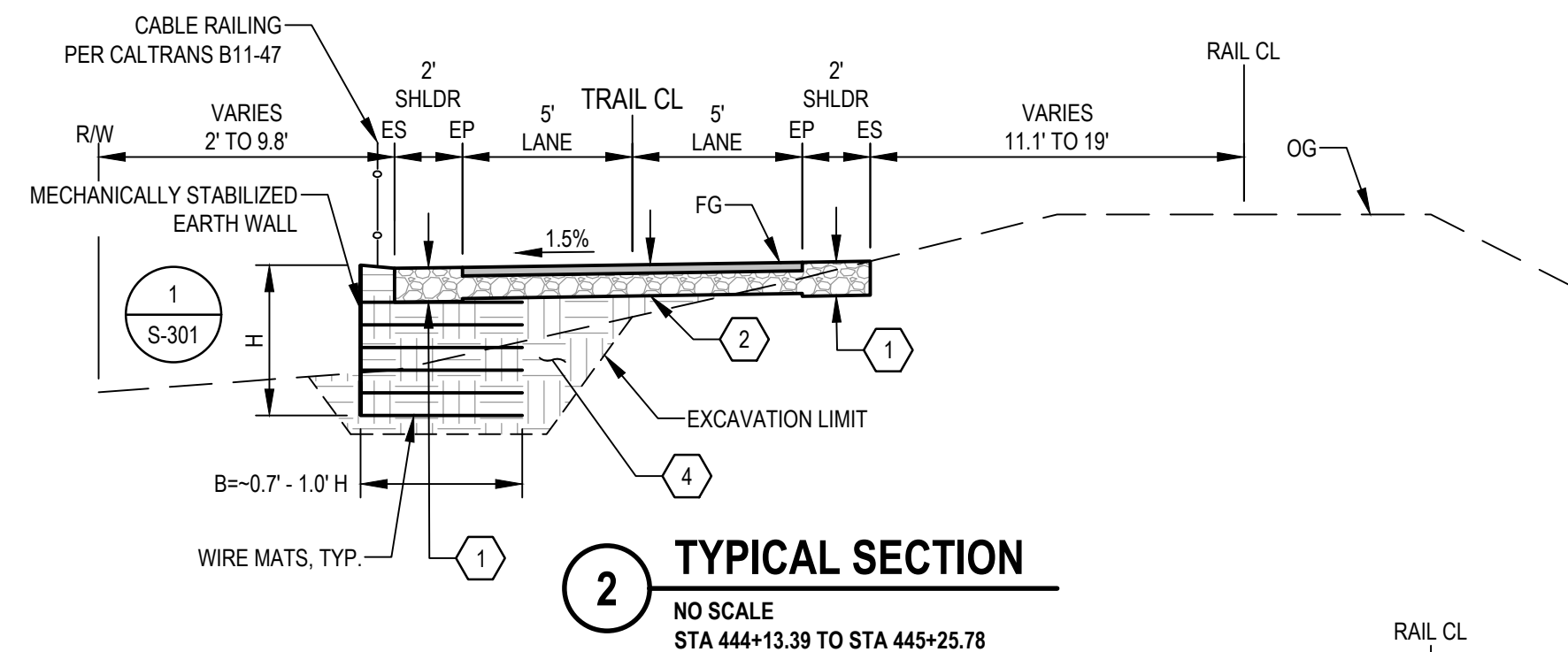
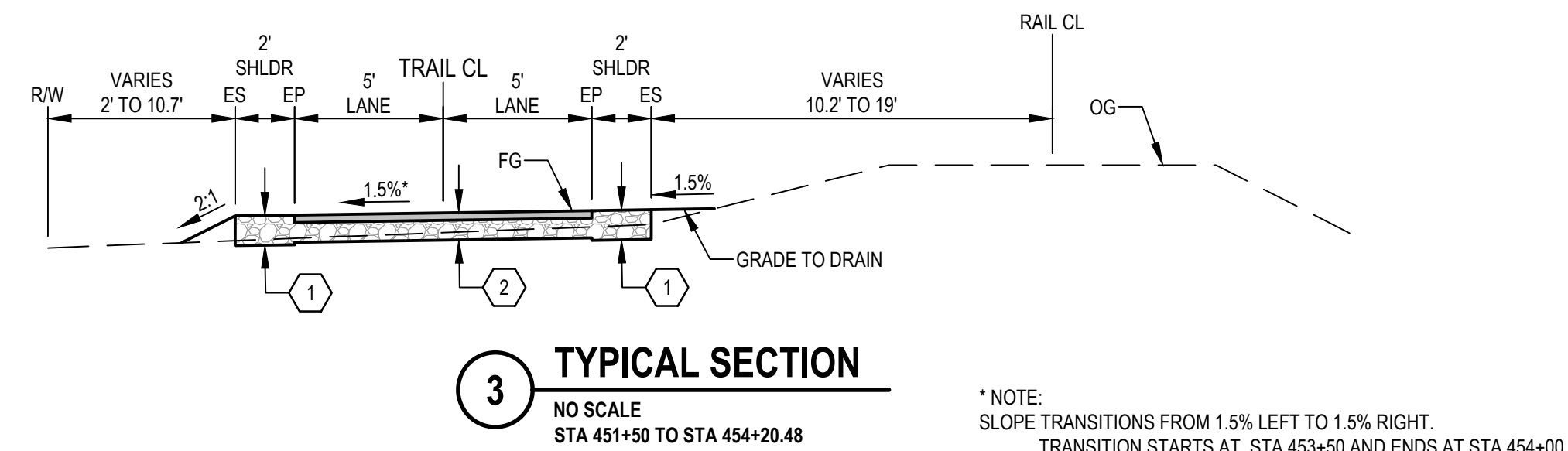
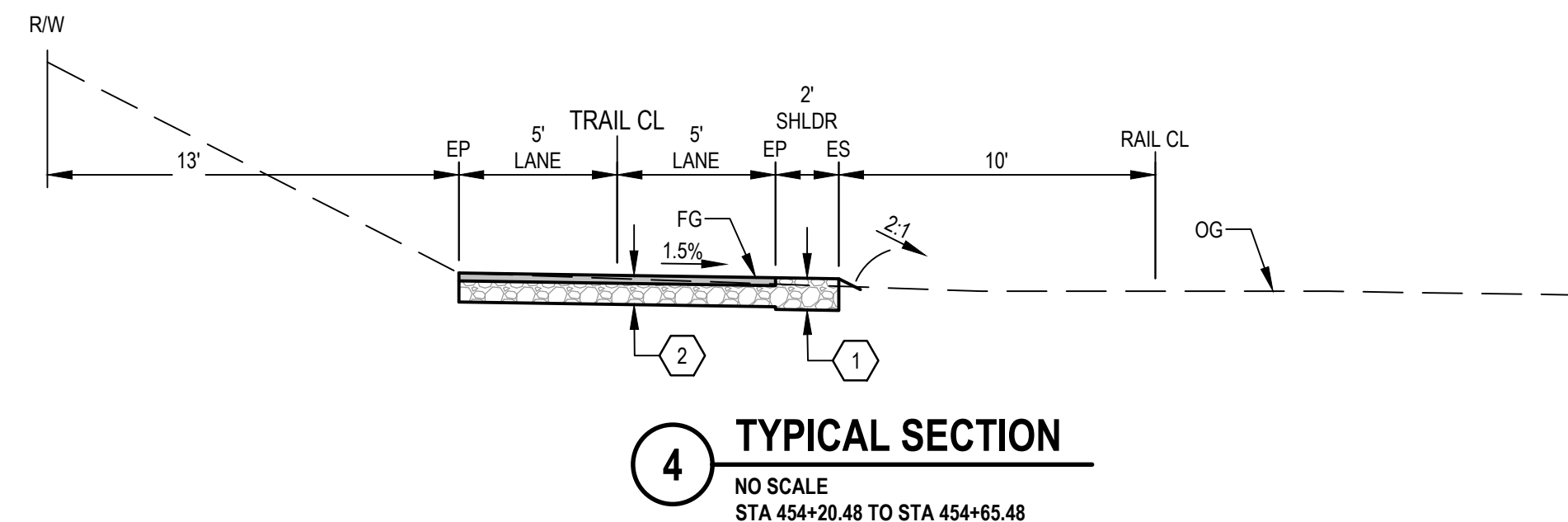
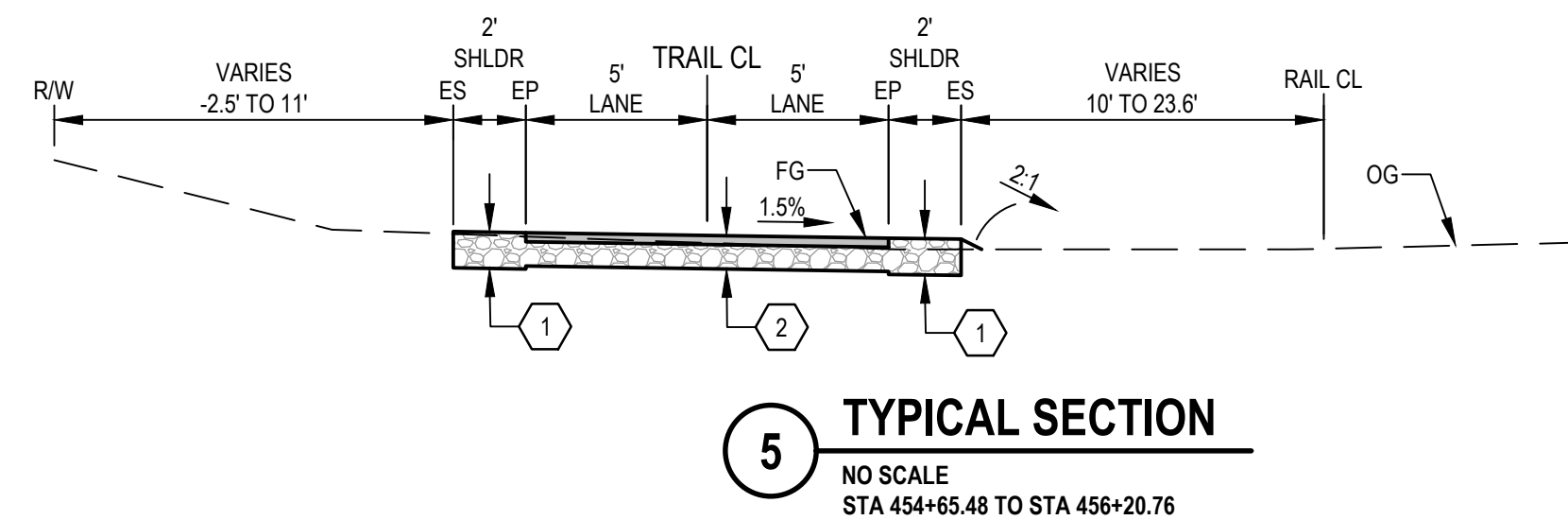
Date
SEP 30, 2022

Scale
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Title TYPICAL SECTIONS - COMMERCE
DR TO AIRPORT RD

Sheet No.
C-001

Sheet
7 of 96



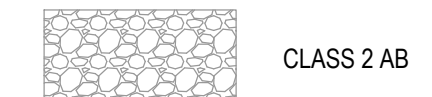
SHEET GENERAL NOTES

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2. COMPACT AGGREGATE BASE TO 95% RELATIVE COMPACTION.
3. SCARIFY & RECOMPACT UPPER 8" OF SUBGRADE TO 95% RELATIVE COMPACTION.
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 SHEET KEYNOTES

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1.00' CLASS 2 AB
2. TRAIL SECTION:
0.25' AC
0.67' CLASS 2 AB
3. PARKING LOT SECTION (ADD ALTERNATIVE):
0.33' AC
0.67" CLASS 2 AB
4. STRUCTURE FILL

LEGEND



No.	Issue		Checked	Approved	Date
Author	H. DAAS	Drafting Check	E. FANSELAU	Project Manager	E. FANSELAU
Designer	H. DAAS	Design Check	E. FANSELAU	Project Director	M. KENNEDY

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Client **CITY OF UKIAH**

Project **THE GREAT REDWOOD TRAIL PHASE 4**

Project No.	12557341
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Date
SEP 30, 2022

Scale
NO SCALE

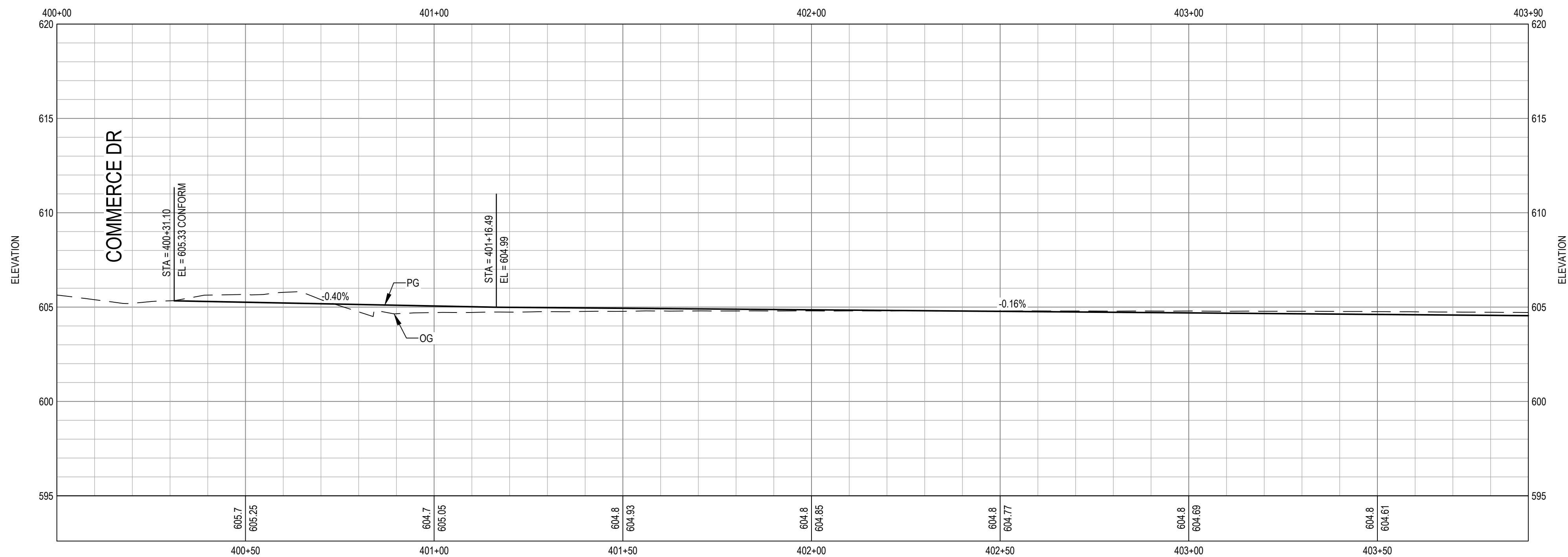
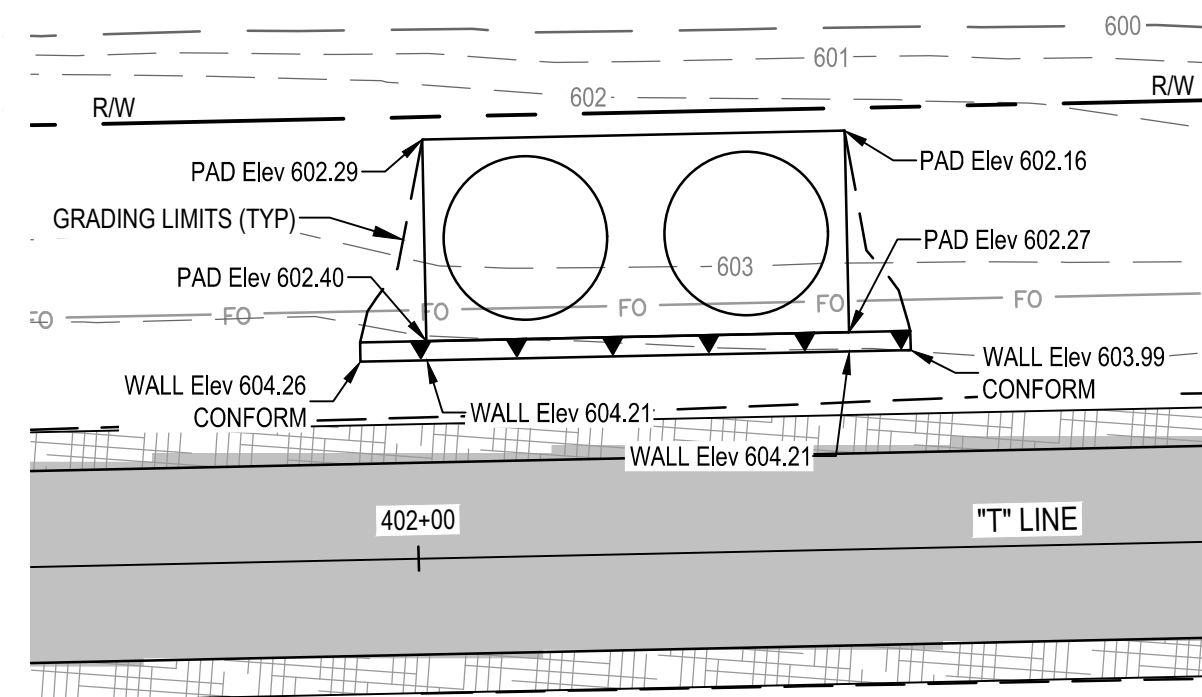
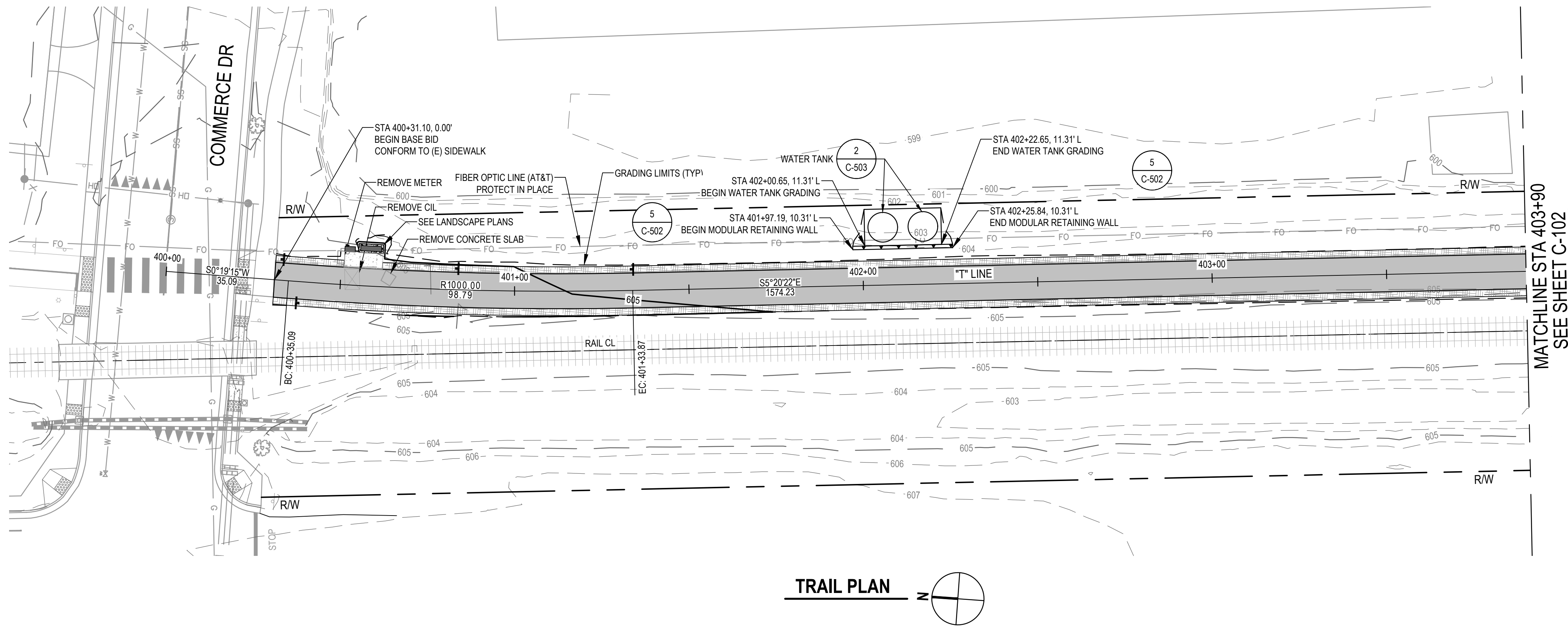
Title **TYPICAL SECTIONS - AIRPORT RD
TO NORGARD LN**

Size
ANSI D

Sheet No. **C-002**
Sheet **8 of 96**

SHEET GENERAL NOTES

- FOR SIGNING AND STRIPING INFORMATION AND LAYOUT, SEE SHEET C-401.
- ALL WORK WITHIN 5 FEET HORIZONTAL OF ANY PG&E GAS MAIN AND AT&T FIBER OPTIC LINE SHALL BE PERFORMED UNDER INSPECTION BY THE UTILITY OWNER. CONTRACTOR SHALL NOTIFY UTILITY OWNER A MINIMUM OF 5 WORKING DAYS IN ADVANCE OF PLANNED EXCAVATION.



TRAIL PROFILE

SCALE: 1" = 20' (H) 1" = 4' (V)



1	WATER TANK	EF	EF	2022-12-13
No.	Issue	Checked	Approved	Date
Author	H. DAAS	Drafting Check	E. FANSELAU	Project Manager
Designer	H. DAAS	Design Check	E. FANSELAU	Project Director
			M. KENNEDY	

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0 1"



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Client CITY OF UKIAH

Project THE GREAT REDWOOD TRAIL PHASE 4

Project No. 12557341

Date SEP 30, 2022

Scale 1" = 20'

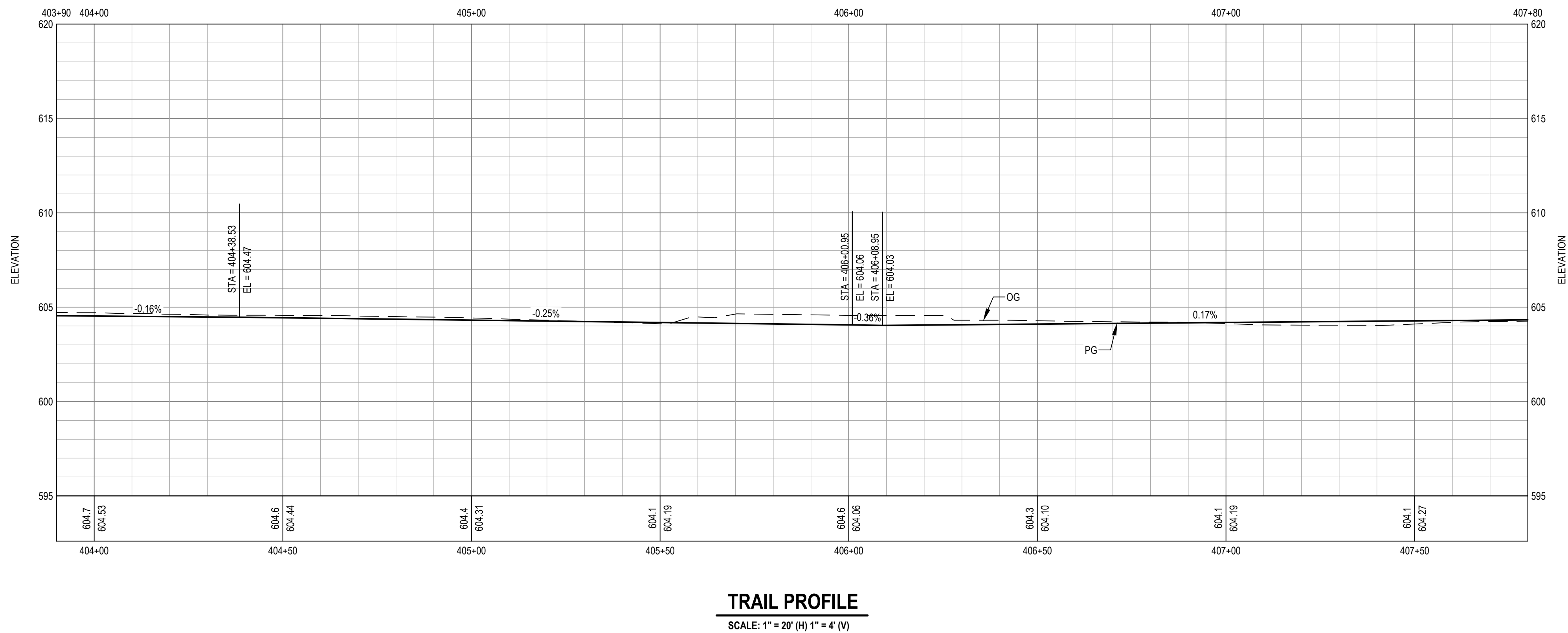
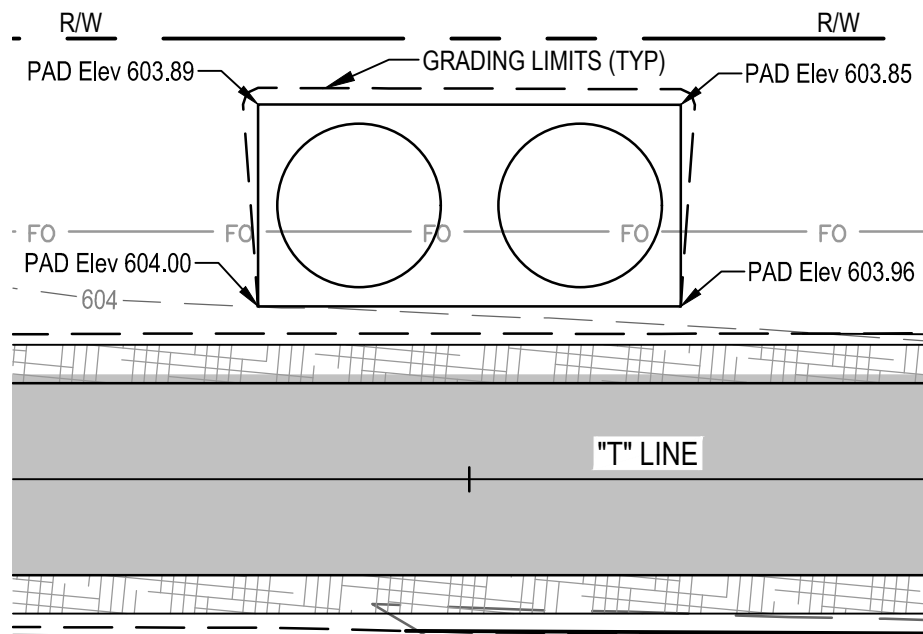
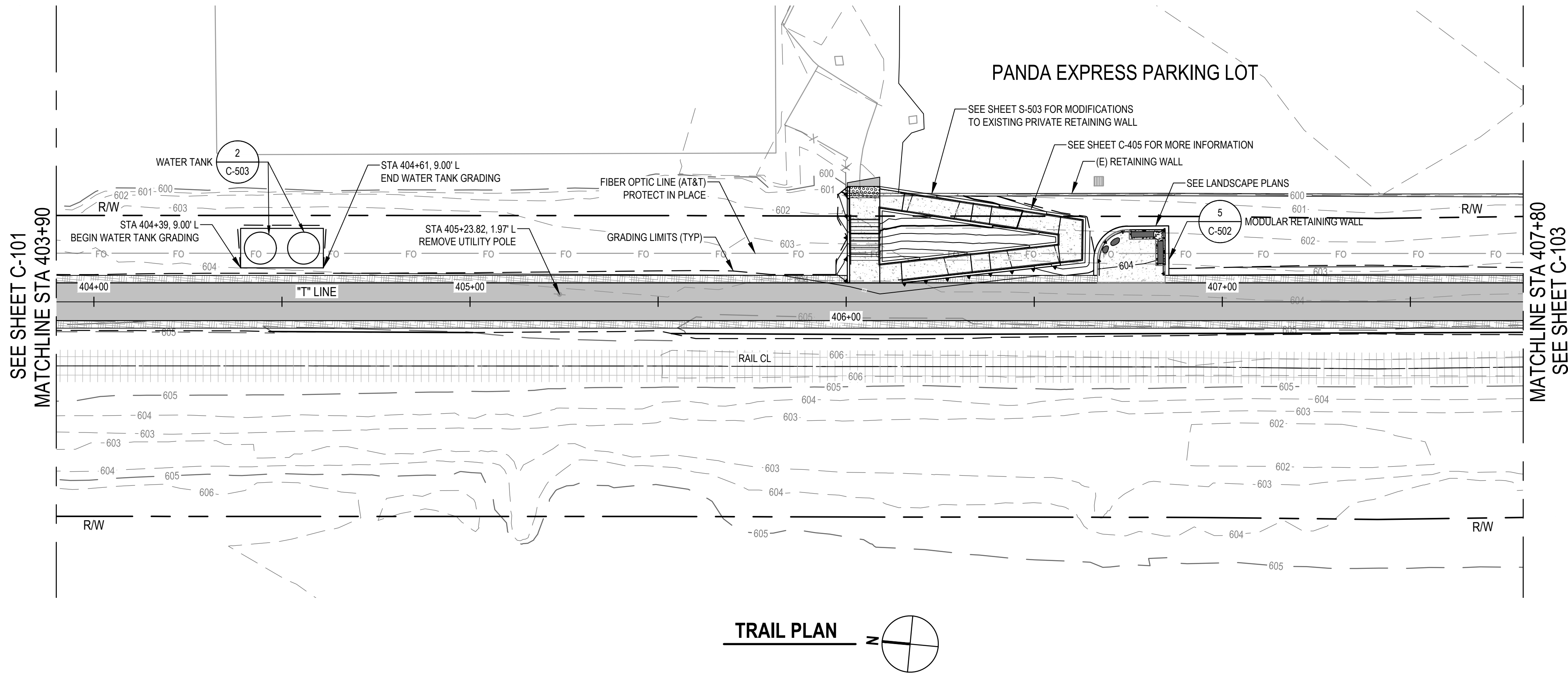
Title TRAIL PLAN AND PROFILE
STA 400+00 TO STA 403+90

Size ANSI D

Sheet No. C-101
Sheet 10 of 96

SHEET GENERAL NOTES

1. ALL WORK WITHIN 5 FEET HORIZONTAL OF ANY PG&E GAS MAIN AND AT&T FIBER OPTIC LINE SHALL BE PERFORMED UNDER INSPECTION BY THE UTILITY OWNER. CONTRACTOR SHALL NOTIFY UTILITY OWNER A MINIMUM OF 5 WORKING DAYS IN ADVANCE OF PLANNED EXCAVATION.



Know what's below.
Call before you dig.

Contractor shall call
Underground Service Alert at
811 two working days prior
to excavation

No.	Issue	Author	H. DAAS	Drafting Check	E. FANSELAU	Project Manager	E. FANSELAU
1	WATER TANK	Designer	H. DAAS	Design Check	E. FANSELAU	Project Director	M. KENNEDY
EF	EF	2022-12-13		Checked	Approved	Date	

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Client CITY OF UKIAH

Project THE GREAT REDWOOD TRAIL PHASE 4

Project No. 12557341

Date SEP 30, 2022

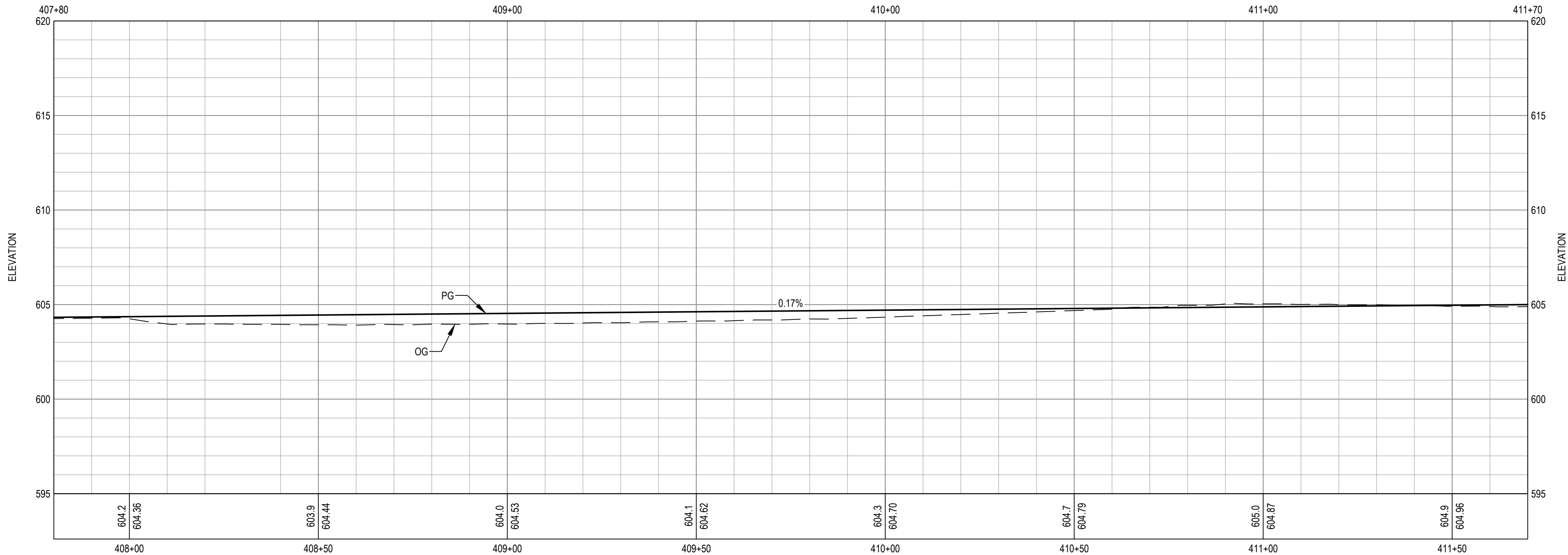
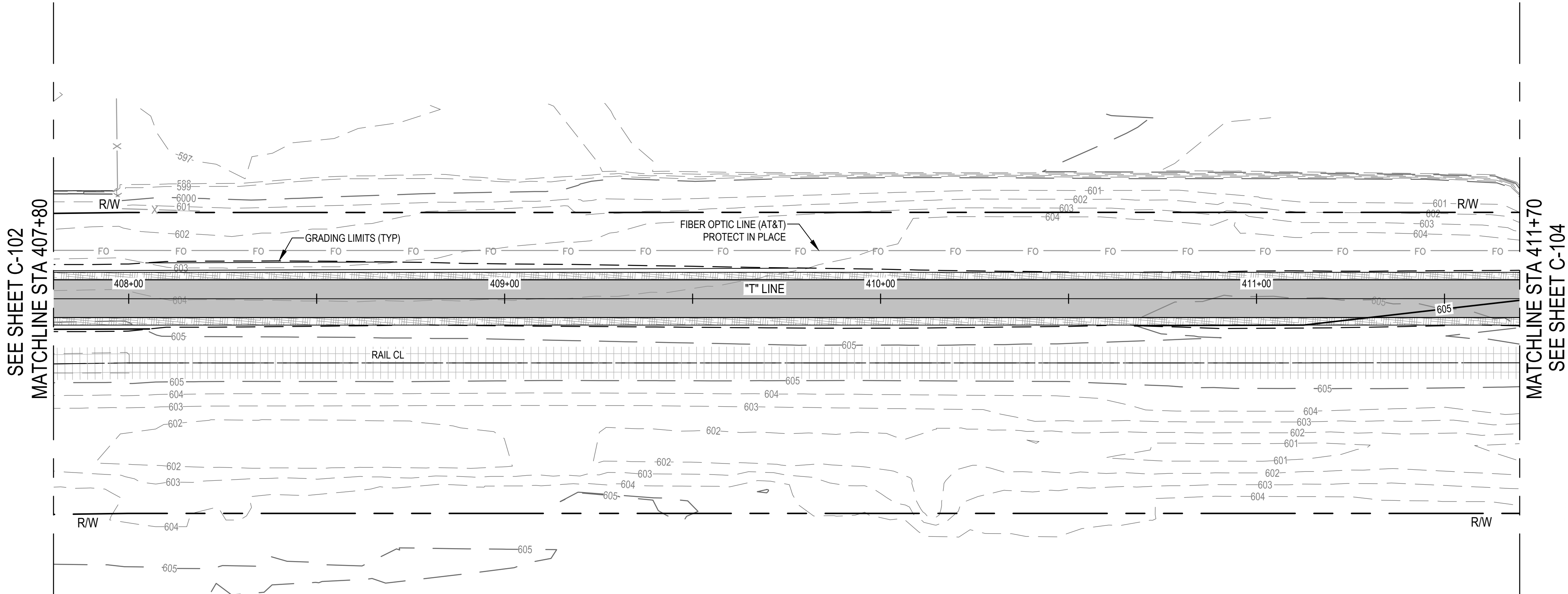
Scale 1" = 20'

Title TRAIL PLAN AND PROFILE
STA 403+90 TO STA 407+80

Sheet No. C-102
Sheet 11 of 96

SHEET GENERAL NOTES

1. ALL WORK WITHIN 5 FEET HORIZONTAL OF ANY PG&E GAS MAIN AND AT&T FIBER OPTIC LINE SHALL BE PERFORMED UNDER INSPECTION BY THE UTILITY OWNER. CONTRACTOR SHALL NOTIFY UTILITY OWNER A MINIMUM OF 5 WORKING DAYS IN ADVANCE OF PLANNED EXCAVATION.



TRAIL PROFILE

SCALE: 1" = 20' (H) 1" = 4' (V)



Contractor shall call
Underground Service Alert at
811 two working days prior
to excavation

No.	Issue	Checked	Approved	Date
Author	H. DAAS	Drafting Check	E. FANSELAU	
Designer	H. DAAS	Design Check	E. FANSELAU	
		Project Manager	E. FANSELAU	
		Project Director	M. KENNEDY	

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Client CITY OF UKIAH

Project THE GREAT REDWOOD TRAIL PHASE 4

Project No.
12557341

Date
SEP 30, 2022

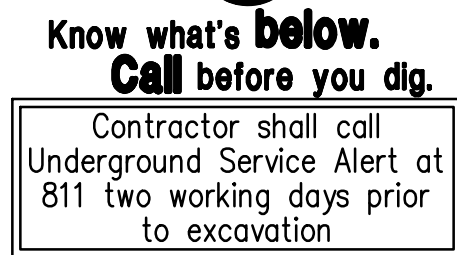
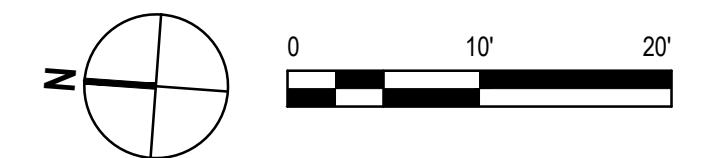
Scale
1" = 20'

Title TRAIL PLAN AND PROFILE
STA 407+80 TO STA 411+70

Size
ANSI D

Sheet No.
C-103
Sheet
12 of 96

1. ALL WORK WITHIN 5 FEET HORIZONTAL OF ANY PG&E GAS MAIN AND AT&T FIBER OPTIC LINE SHALL BE PERFORMED UNDER INSPECTION BY THE UTILITY OWNER. CONTRACTOR SHALL NOTIFY UTILITY OWNER A MINIMUM OF 5 WORKING DAYS IN ADVANCE OF PLANNED EXCAVATION.



1	WATER TANK				EF	EF	2022-12-13
No.	Issue				Checked	Approved	Date
Author	H. DAAS	Drafting Check	E. FANSELAU	Project Manager	E. FANSELAU		
Designer	H. DAAS	Design Check	E. FANSELAU	Project Director	M. KENNEDY		

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Project **THE GREAT REDWOOD TRAIL PHASE 4**

Project No.	12557341
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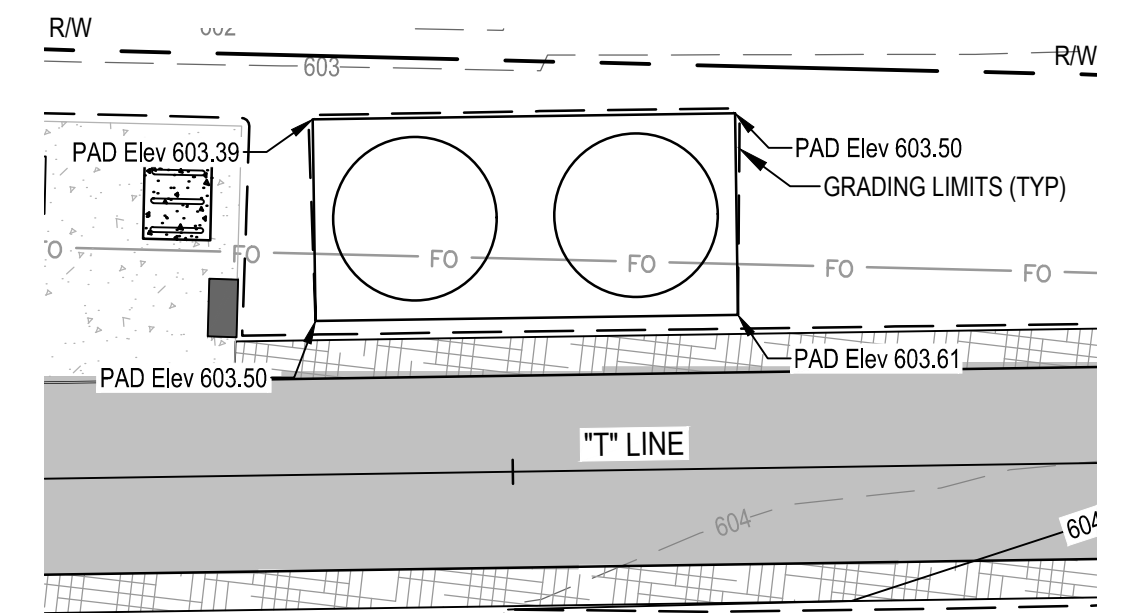
Date
SEP 30, 2022

Title	TRAIL PLAN AND PROFILE STA 411+70 TO STA 415+60
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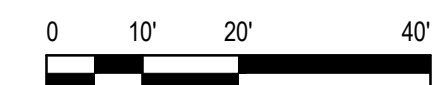
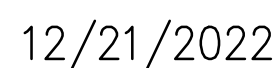
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Sheet No. **-104**
Sheet **13 of 96**

1. ALL WORK WITHIN 5 FEET HORIZONTAL OF ANY PG&E GAS MAIN AND AT&T FIBER OPTIC LINE SHALL BE PERFORMED UNDER INSPECTION BY THE UTILITY OWNER. CONTRACTOR SHALL NOTIFY UTILITY OWNER A MINIMUM OF 5 WORKING DAYS IN ADVANCE OF PLANNED EXCAVATION.



SCALE: 1" = 20' (H) 1" = 4' (V)

[illegible]

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Project No.	12557341
-------------	----------

Date
SEP 30, 2022

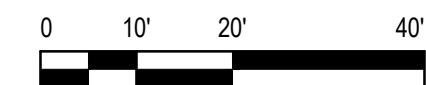
Scale
1" = 20'

Sheet
of 96



Contractor shall call
Underground Service Alert at
811 two working days prior
to excavation

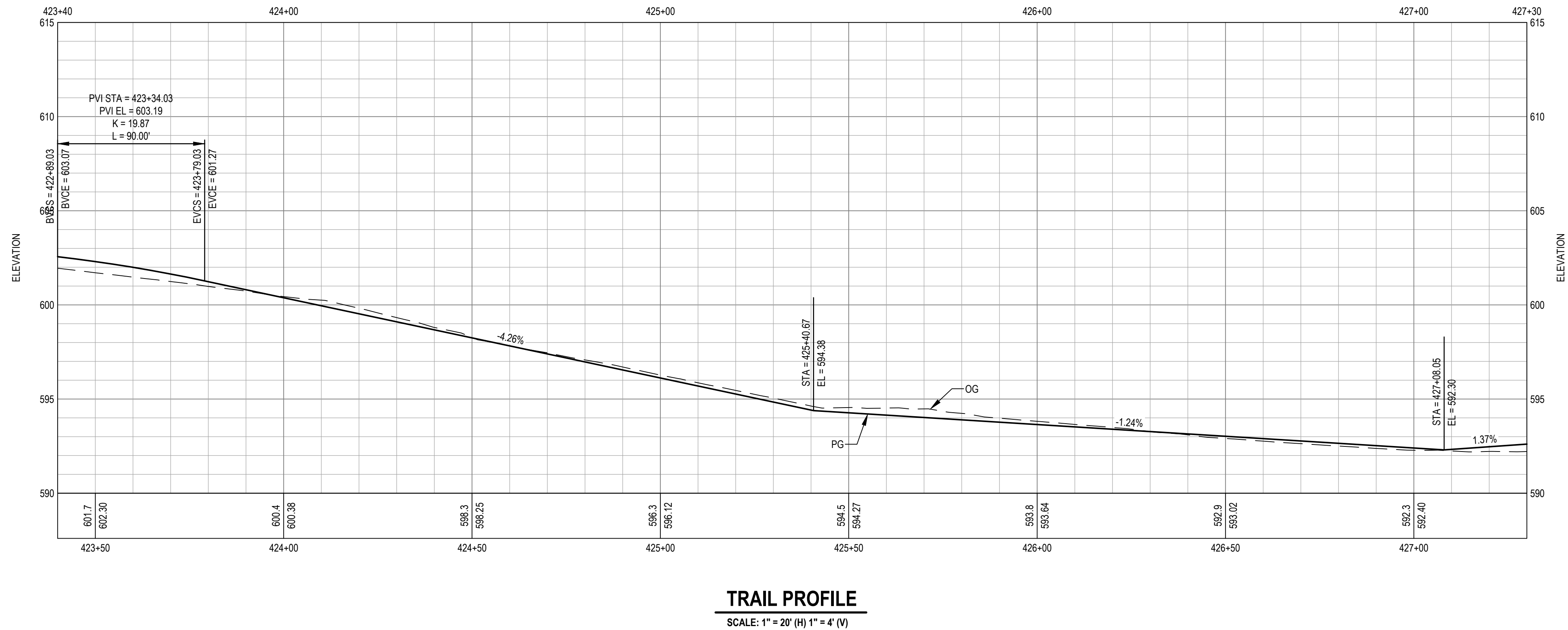
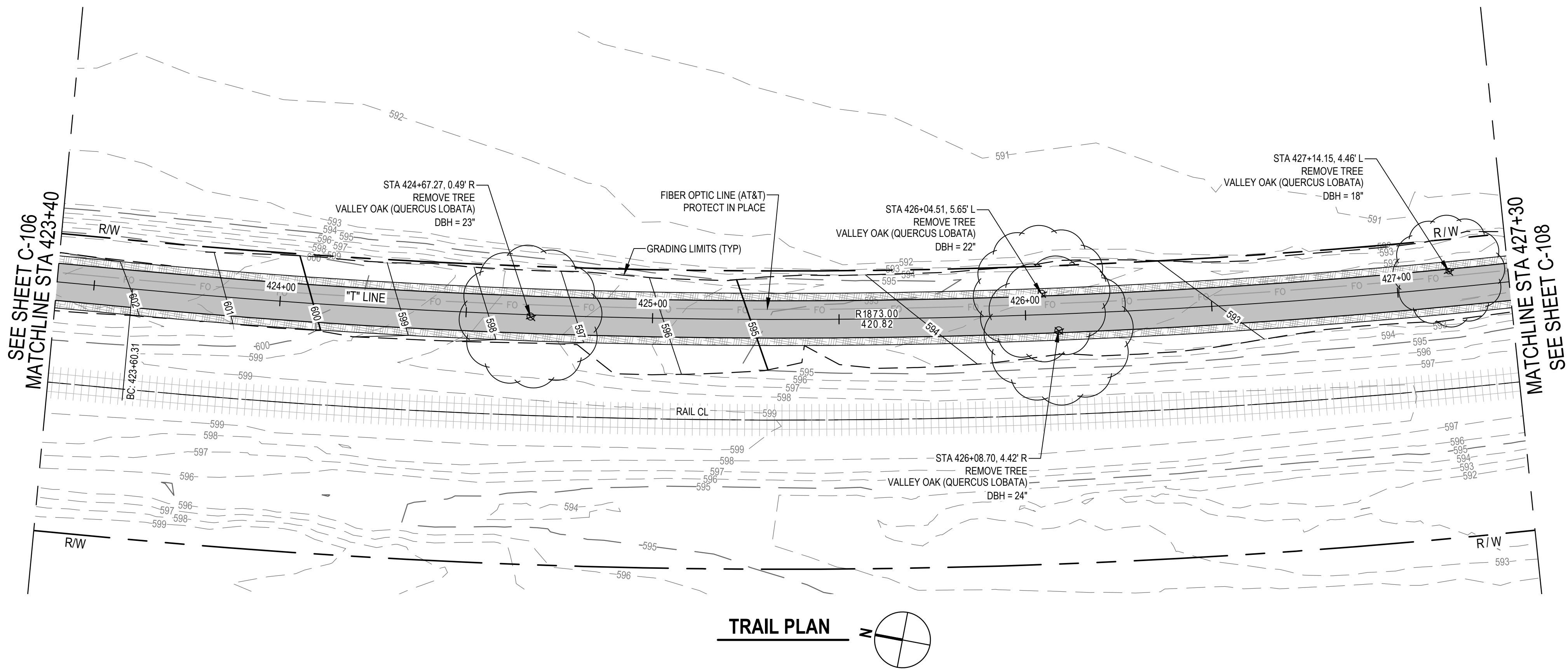
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										Bar is one inch on original size sheet 0 1"										 12/21/2022										 GHD Inc. 2235 Mercury Way Suite 150 Santa Rosa California 95407 USA T 1 707 523 1010 F 1 707 527 8679 www.ghd.com										 www.ghd.com										Client CITY OF UKIAH										Project THE GREAT REDWOOD TRAIL PHASE 4										Title TRAIL PLAN AND PROFILE STA 419+50 TO STA 423+40										Size ANSI D																																							
No. Issue										Checked Approved Date																				Conditions of Use										Project No. 12557341										Date SEP 30, 2022										Scale 1" = 20'										Sheet No. C-106										Sheet 15 of 96																																							
Author H. DAAS										Drafting Check E. FANSELAU										Project Manager E. FANSELAU																				This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD. This document may only be used by GHD's client (and any other person who GHD has agreed can use this document) for the purpose for which it was prepared and must not be used by any other person or for any other purpose.																																																																															
Designer H. DAAS										Design Check E. FANSELAU										Project Director M. KENNEDY																																																																																																			

SHEET GENERAL NOTES

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Underground Service Alert at
811 two working days prior
to excavation

TRAIL PROFILE
SCALE: 1" = 20' (H) 1" = 4' (V)



No.	Issue	Checked	Approved	Date
Author	H. DAAS	Drafting Check	E. FANSELAU	Project Manager
Designer	H. DAAS	Design Check	E. FANSELAU	Project Director
			M. KENNEDY	

Bar is one inch on
original size sheet
0 1"



12/21/2022



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Client CITY OF UKIAH

Project THE GREAT REDWOOD TRAIL PHASE 4

Project No.
12557341

Date
SEP 30, 2022

Scale
1" = 20'

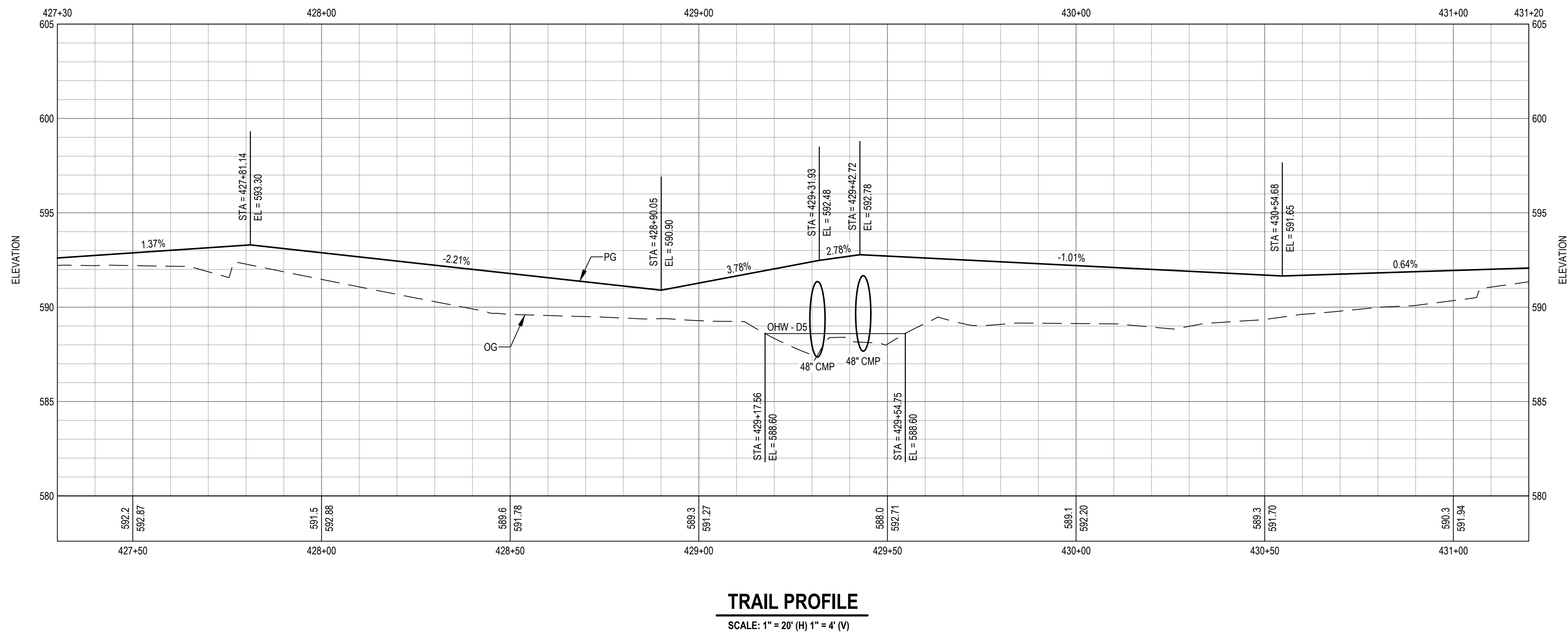
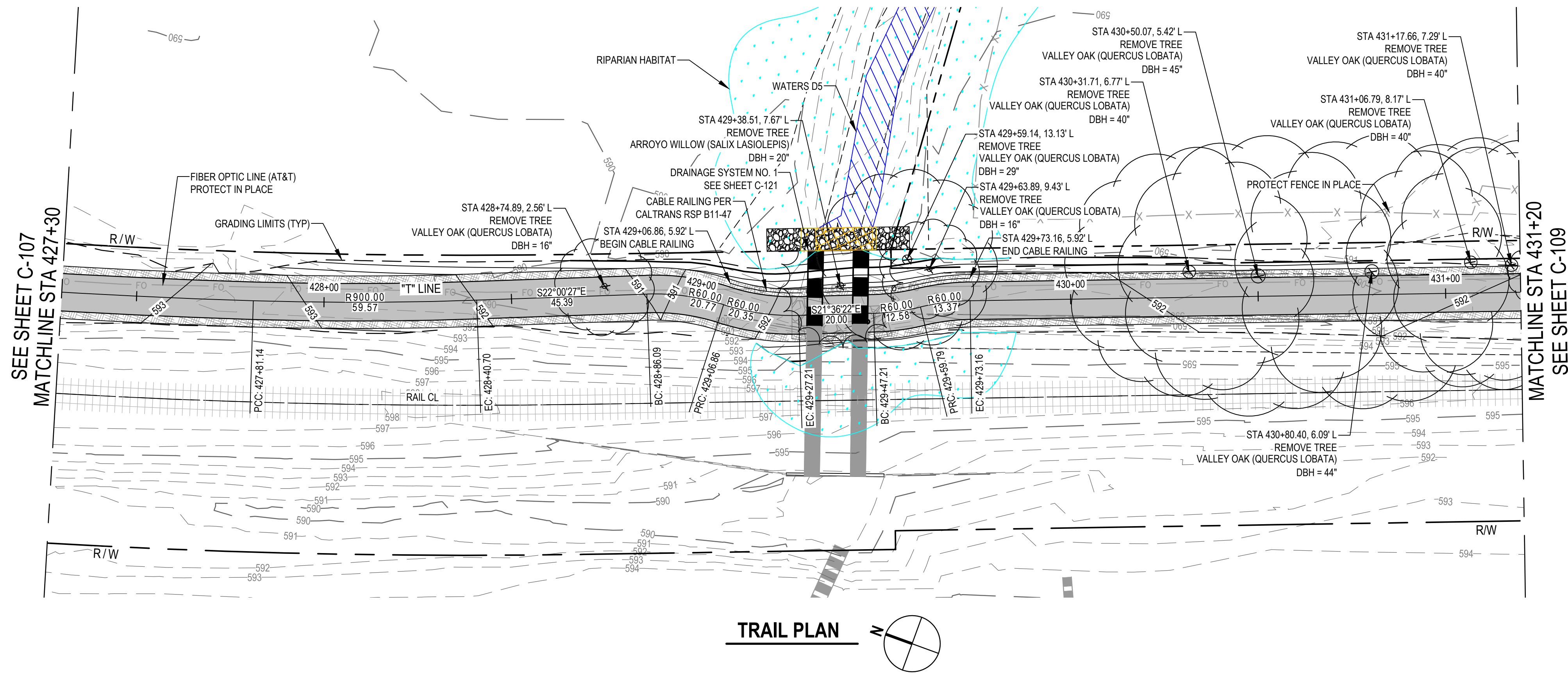
Title TRAIL PLAN AND PROFILE
STA 423+40 TO STA 427+30

Size
ANSI D

Sheet No.
C-107
Sheet
16 of 96

SHEET GENERAL NOTES

1. ALL WORK WITHIN 5 FEET HORIZONTAL OF ANY PG&E GAS MAIN AND AT&T FIBER OPTIC LINE SHALL BE PERFORMED UNDER INSPECTION BY THE UTILITY OWNER. CONTRACTOR SHALL NOTIFY UTILITY OWNER A MINIMUM OF 5 WORKING DAYS IN ADVANCE OF PLANNED EXCAVATION.



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TRAIL PROFILE

SCALE: 1" = 20' (H) 1" = 4' (V)



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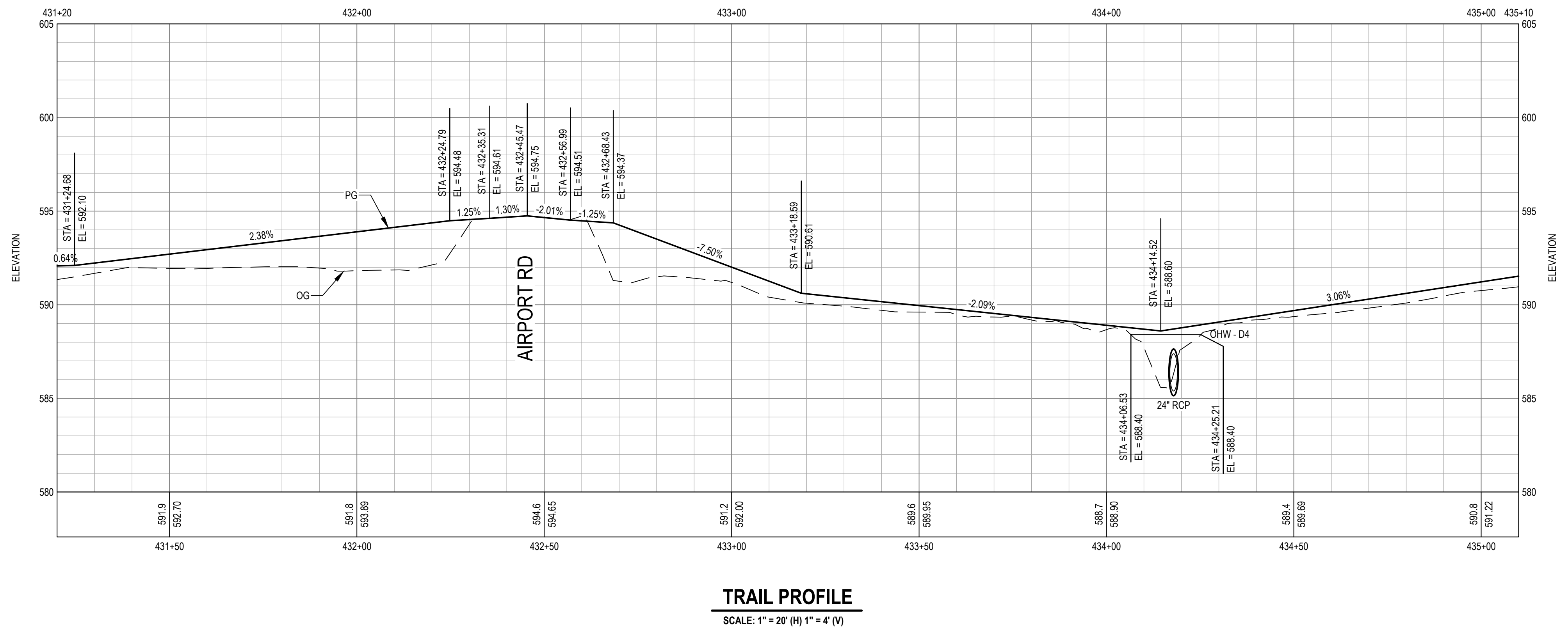
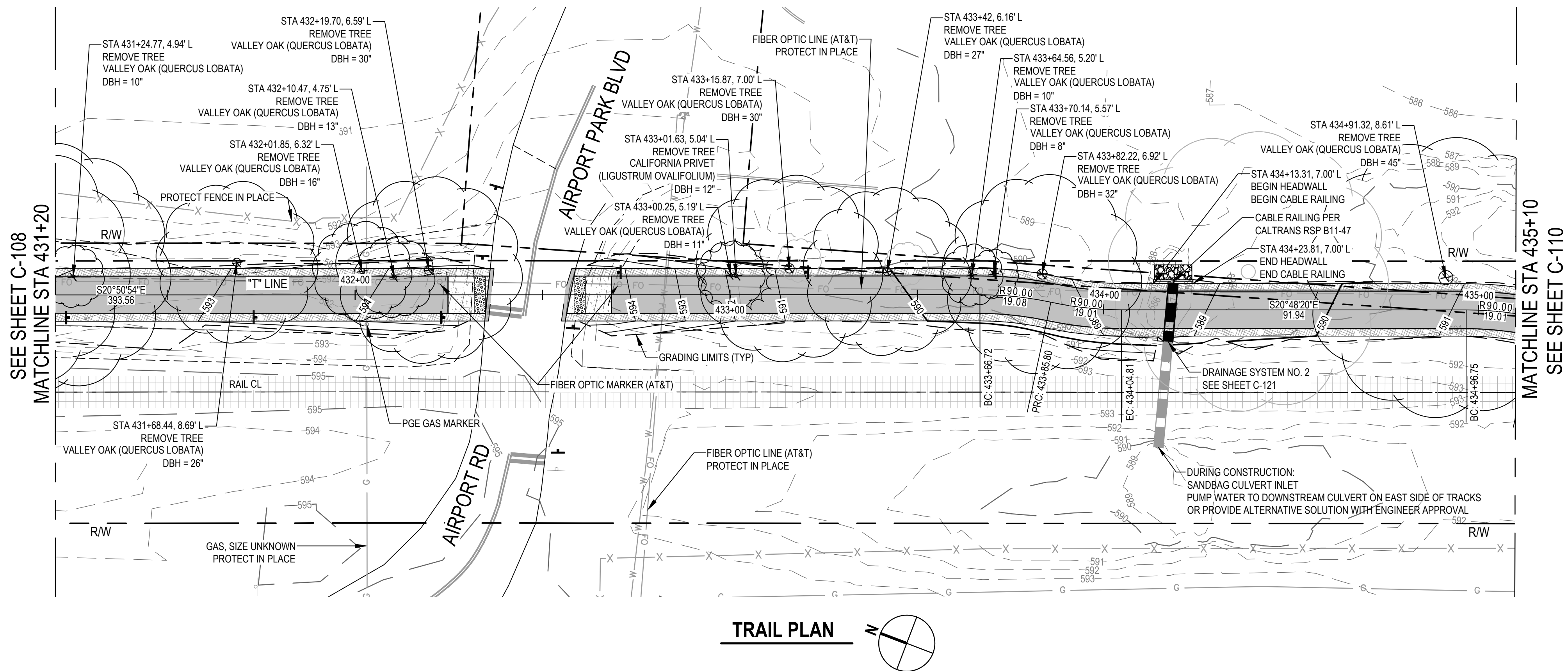
Client CITY OF UKIAH

Project THE GREAT REDWOOD TRAIL PHASE 4

Project No.
12557341Date
SEP 30, 2022Scale
1" = 20'Title
TRAIL PLAN AND PROFILE
STA 427+30 TO STA 431+20Size
ANSI DSheet No.
C-108
Sheet
17 of 96

SHEET GENERAL NOTES

- FOR SIGNING AND STRIPING INFORMATION AND LAYOUT, SEE SHEET C-402.
- ALL WORK WITHIN 5 FEET HORIZONTAL OF ANY PG&E GAS MAIN AND AT&T FIBER OPTIC LINE SHALL BE PERFORMED UNDER INSPECTION BY THE UTILITY OWNER. CONTRACTOR SHALL NOTIFY UTILITY OWNER A MINIMUM OF 5 WORKING DAYS IN ADVANCE OF PLANNED EXCAVATION.



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1 CONSTRUCTION NOTES			
No.	Issue	Checked	Approved
1	Author H. DAAS	Drafting Check E. FANSELAU	Project Manager E. FANSELAU
2	Designer H. DAAS	Design Check E. FANSELAU	Project Director M. KENNEDY

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original size sheet

0 1"



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Client CITY OF UKIAH

Project THE GREAT REDWOOD TRAIL PHASE 4

Project No.
12557341

Date
SEP 30, 2022

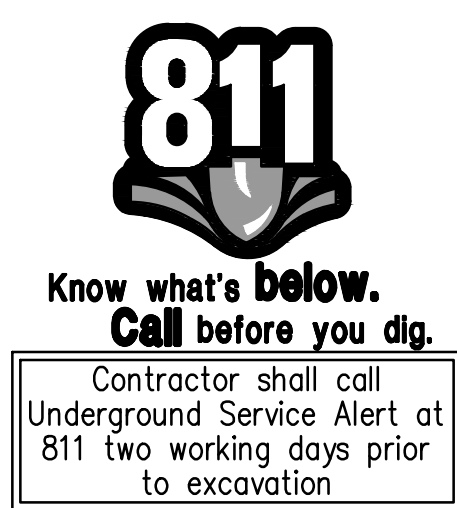
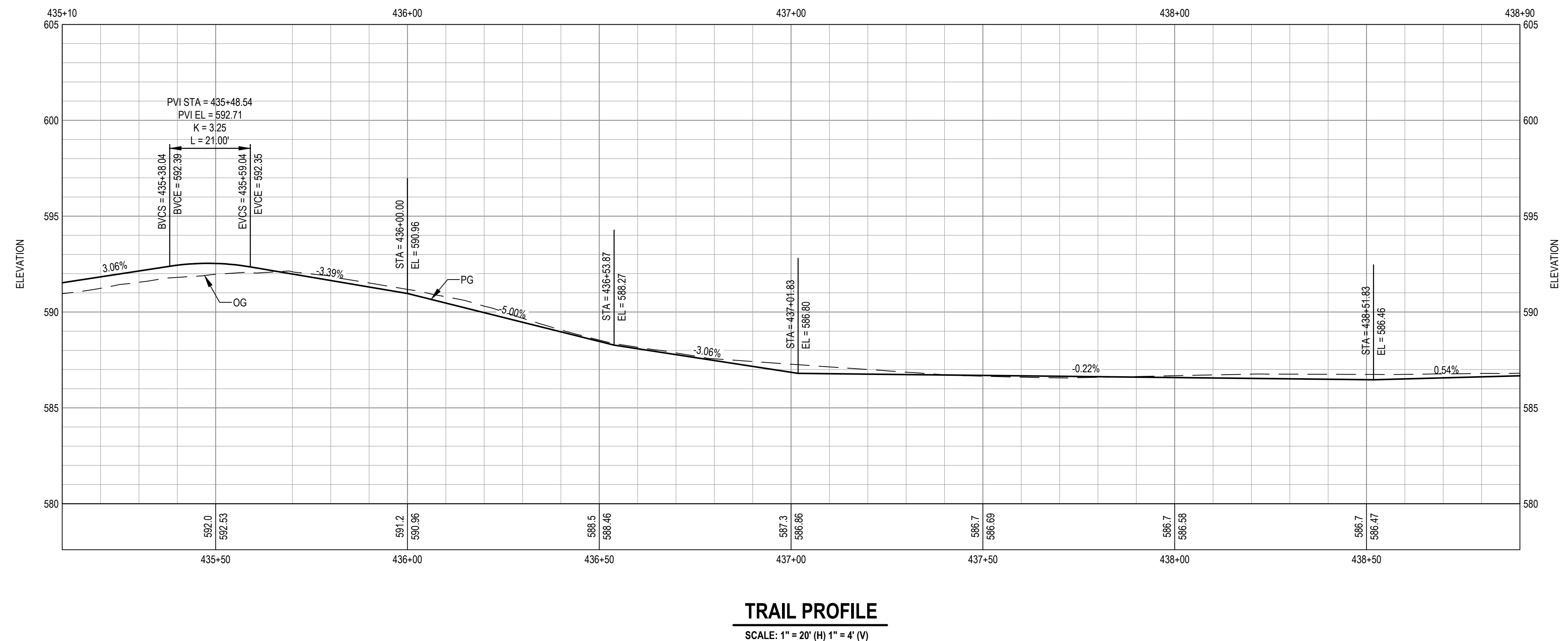
Scale
1" = 20'

Title TRAIL PLAN AND PROFILE
STA 431+20 TO STA 435+10

Size
ANSI D

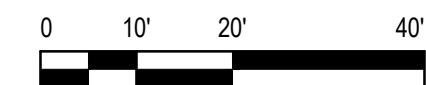
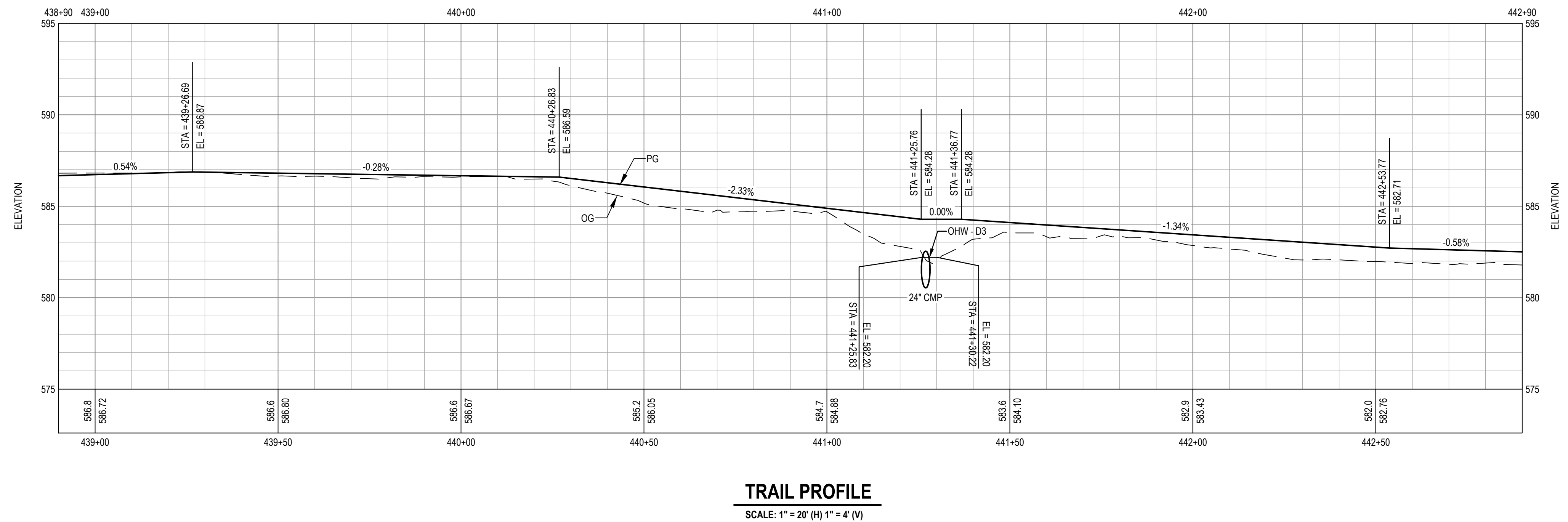
Sheet No.
C-109
18 of 96

1. ALL WORK WITHIN 5 FEET HORIZONTAL OF ANY PG&E GAS MAIN AND AT&T FIBER OPTIC LINE SHALL BE PERFORMED UNDER INSPECTION BY THE UTILITY OWNER. CONTRACTOR SHALL NOTIFY UTILITY OWNER A MINIMUM OF 5 WORKING DAYS IN ADVANCE OF PLANNED EXCAVATION.



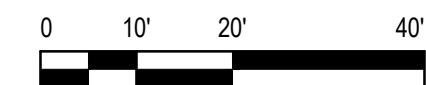
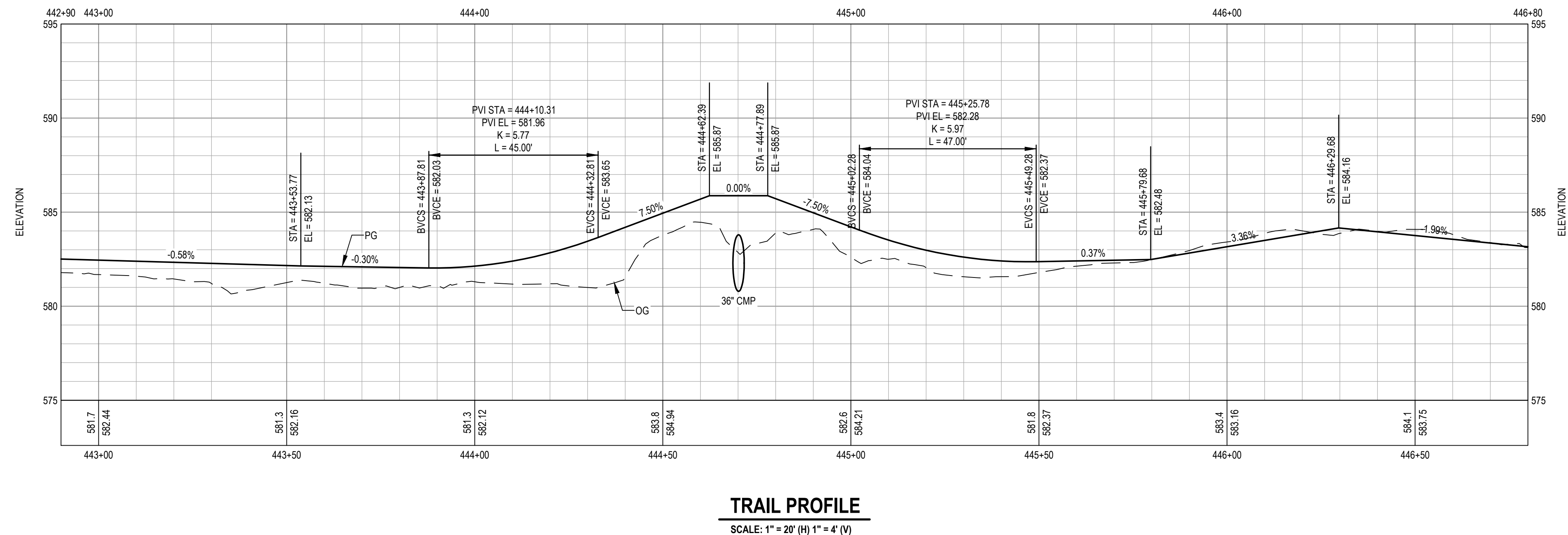
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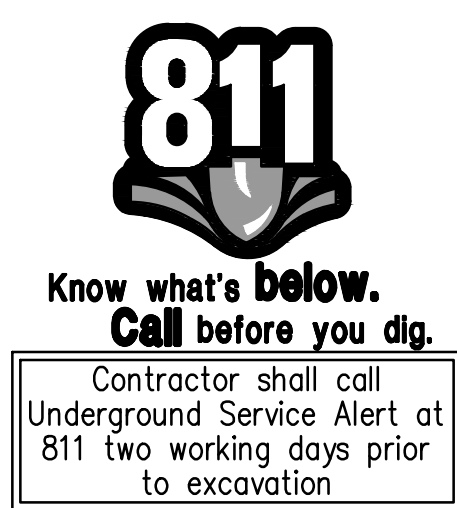
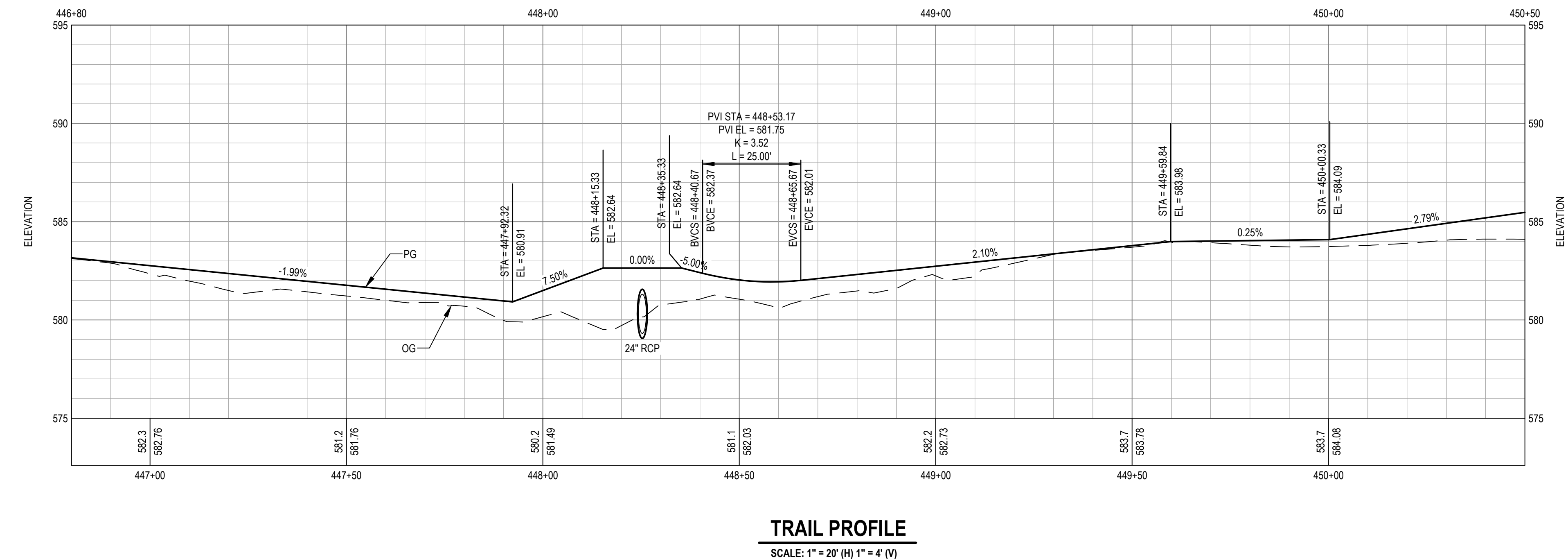
										Bar is one inch on original size sheet 0 1"										 12/21/2022										 GHD Inc. 2235 Mercury Way Suite 150 Santa Rosa California 95407 USA T 1 707 523 1010 F 1 707 527 8679 www.ghd.com										 www.ghd.com										Client CITY OF UKIAH										Project THE GREAT REDWOOD TRAIL PHASE 4										Title TRAIL PLAN AND PROFILE STA 438+91 TO STA 442+91										Size ANSI 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Project No. 12557341										Date SEP 30, 2022										Scale 1" = 20'										Sheet No. C-111										Sheet 20 of 96																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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1. SEE SHEET S-103 FOR WALL PROFILE AND DETAIL.
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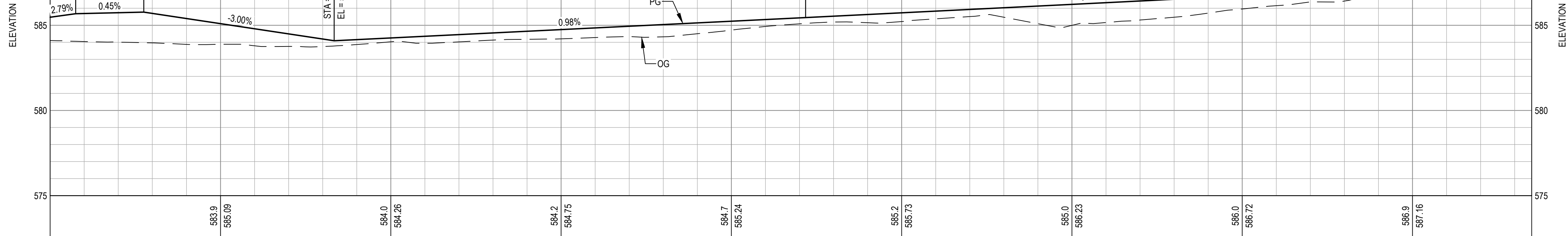
										Bar is one inch on original size sheet 0 1"		 12/21/2022		 GHD Inc. 2235 Mercury Way Suite 150 Santa Rosa California 95407 USA T 1 707 523 1010 F 1 707 527 8679  www.ghd.com		Client CITY OF UKIAH		Title TRAIL PLAN AND PROFILE STA 442+91 TO STA 446+81		Size ANSI D	
No.		Issue		Checked		Approved		Date													
Author		H. DAAS		Drafting Check		E. FANSELAU		Project Manager		E. FANSELAU											
Designer		H. DAAS		Design Check		E. FANSELAU		Project Director		M. KENNEDY											

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										Bar is one inch on original size sheet 0 1"		REGISTERED PROFESSIONAL ENGINEER ERIK D. FANSELAU <i>Erik Farnell</i> No. C64814 CIVIL STATE OF CALIFORNIA 12/21/2022		GHD GHD Inc. 2235 Mercury Way Suite 150 Santa Rosa California 95407 USA T 1 707 523 1010 F 1 707 527 8679 www.ghd.com Conditions of Use This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD. This document may only be used by GHD's client (and any other person who GHD has agreed can use this document) for the purpose for which it was prepared and must not be used by any other person or for any other purpose.		Client CITY OF UKIAH Project THE GREAT REDWOOD TRAIL PHASE 4		Title TRAIL PLAN AND PROFILE STA 446+81 TO STA 450+51		Size ANSI D	
1 WETLAND C MODIFICATIONS										KG KG		2022-12-19									
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SCALE: 1" = 20' (H) 1" = 4' (V)



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Designer	H. DAAS	Design Check	E. FANSELAU	Project Director	M. KENNEDY

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0  1"



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Client **CITY OF UKIAH**

Project **THE GREAT REDWOOD TRAIL PHASE 4**

Project No.	12557341
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Date
SEP 30, 2022

Title	TRAIL PLAN AND PROFILE STA 450+51 TO STA 454+86
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Size
ANSI D

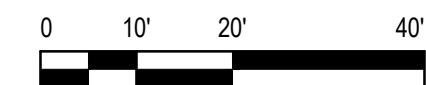
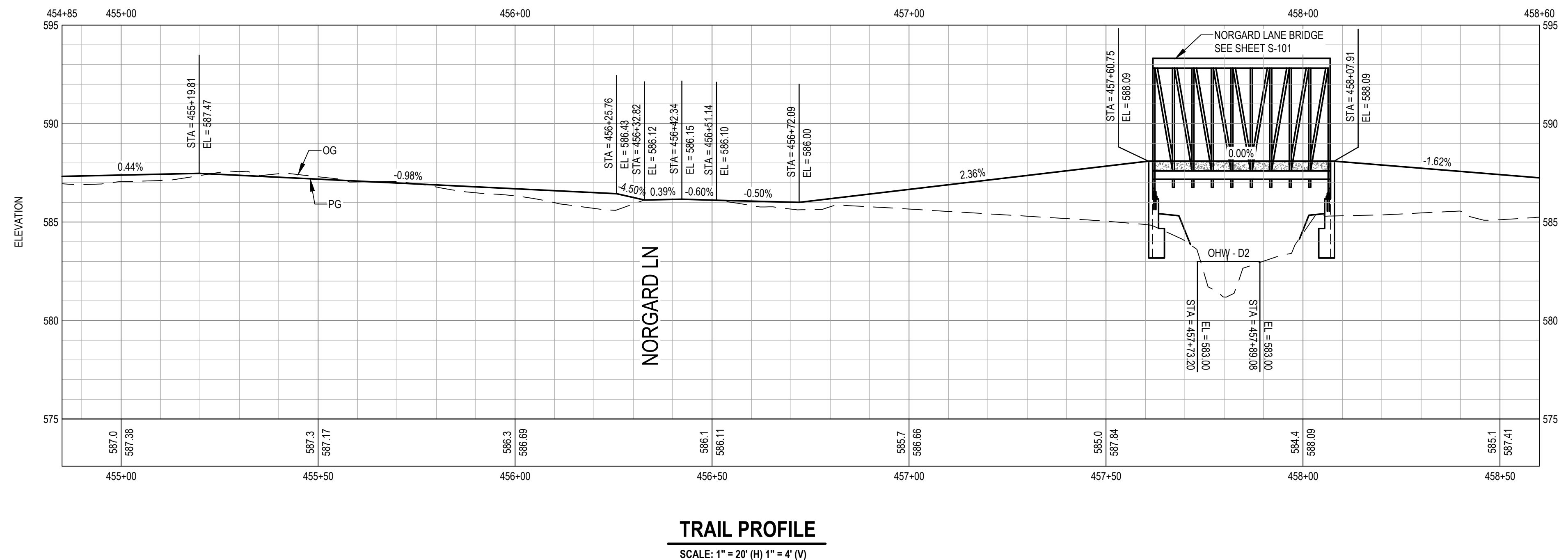
Sheet No. **-114** Sheet **23 of 96**



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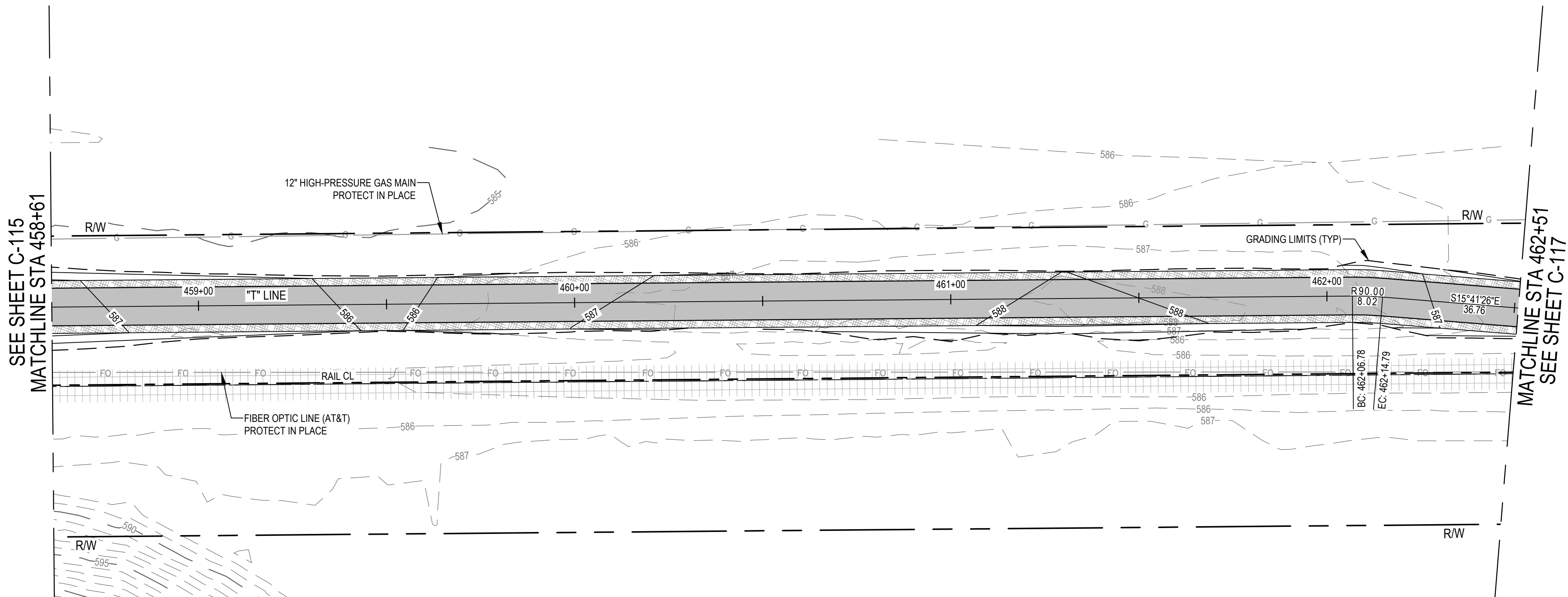
1. FOR SIGNING AND STRIPING INFORMATION AND LAYOUT, SEE SHEET C-403.
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3. HYDRAULIC CALCULATIONS FOR STREAM IMPACTS MUST BE COMPLETED PRIOR TO CONSTRUCTION.



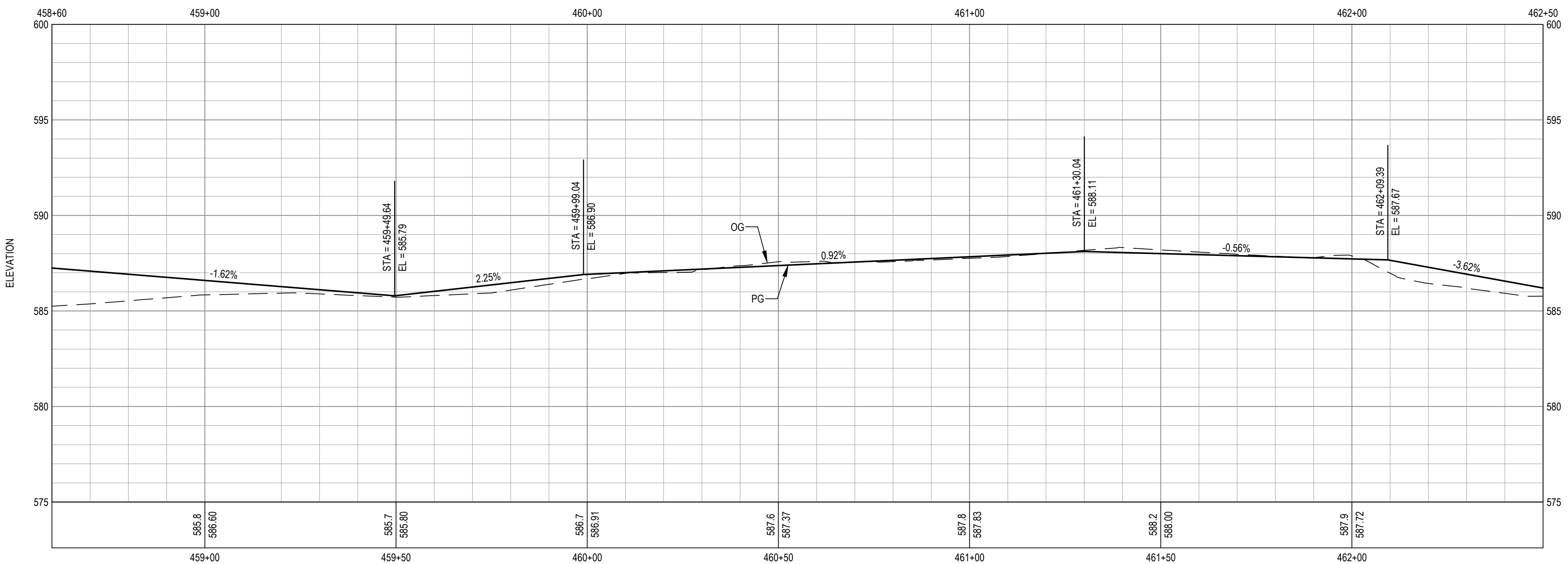
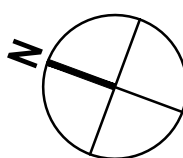
				Bar is one inch on original size sheet 0 1"		 12/21/2022	 GHD Inc. 2235 Mercury Way Suite 150 Santa Rosa California 95407 USA T 1 707 523 1010 F 1 707 527 8679 www.ghd.com	 www.ghd.com	Client CITY OF UKIAH	Title TRAIL PLAN AND PROFILE STA 454+86 TO STA 458+61 BASE BID AND ADD ALTERNATIVE	Size ANSI D
1 UPDATED NOTES EF EF 2022-12-20				Project THE GREAT REDWOOD TRAIL PHASE 4	Project No. 12557341				Date SEP 30, 2022	Scale 1" = 20'	Sheet No. C-115
No.	Issue	Checked	Approved	Date							
Author	H. DAAS	Drafting Check	E. FANSELAU	Project Manager	E. FANSELAU						
Designer	H. DAAS	Design Check	E. FANSELAU	Project Director	M. KENNEDY						

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TRAIL PLAN



TRAIL PROFILE

SCALE: 1" = 20' (H) 1" = 4' (V)



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Designer	H. DAAS	Design Check	E. FANSELAU	Project Director
			M. KENNEDY	

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Client CITY OF UKIAH

Project THE GREAT REDWOOD TRAIL PHASE 4

Project No. 12557341

Date SEP 30, 2022

Scale 1" = 20'

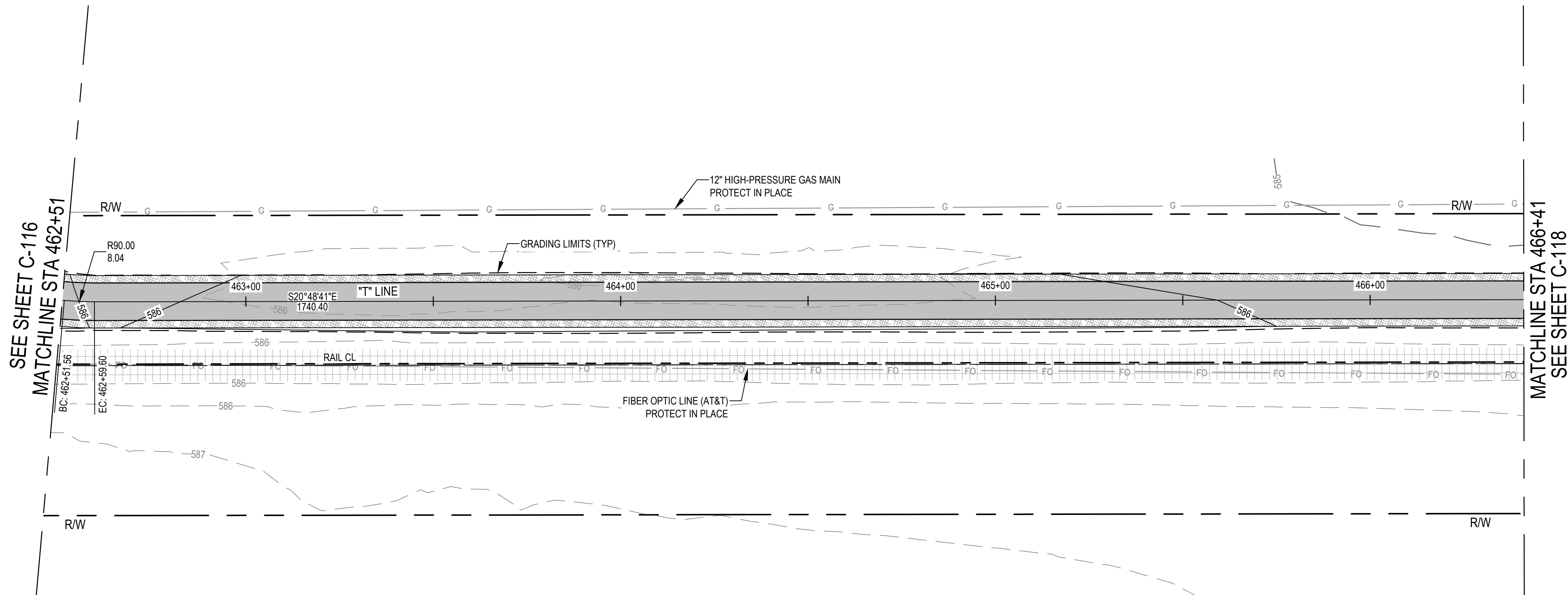
Title TRAIL PLAN AND PROFILE
STA 458+61 TO STA 462+51
ADD ALTERNATIVE

Size ANSI D

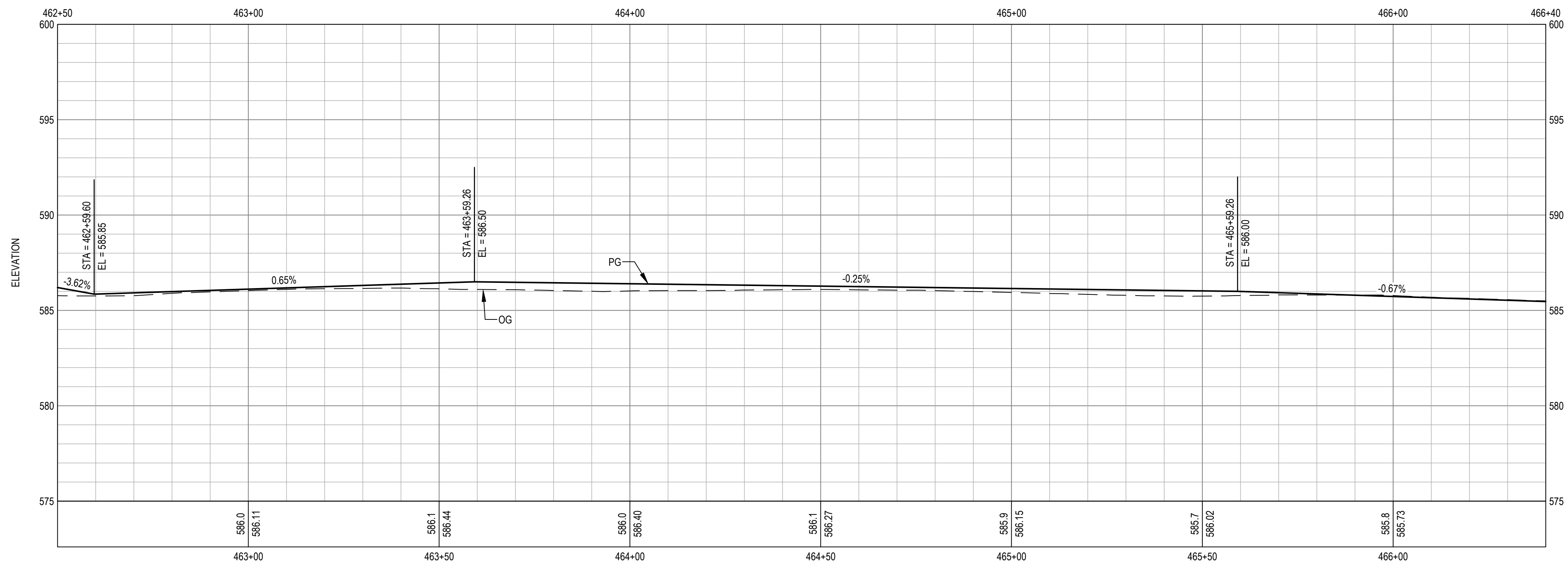
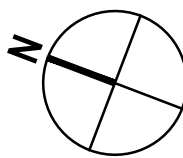
Sheet No. C-116
25 of 96

SHEET GENERAL NOTES

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TRAIL PLAN



TRAIL PROFILE

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0 1"



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Date
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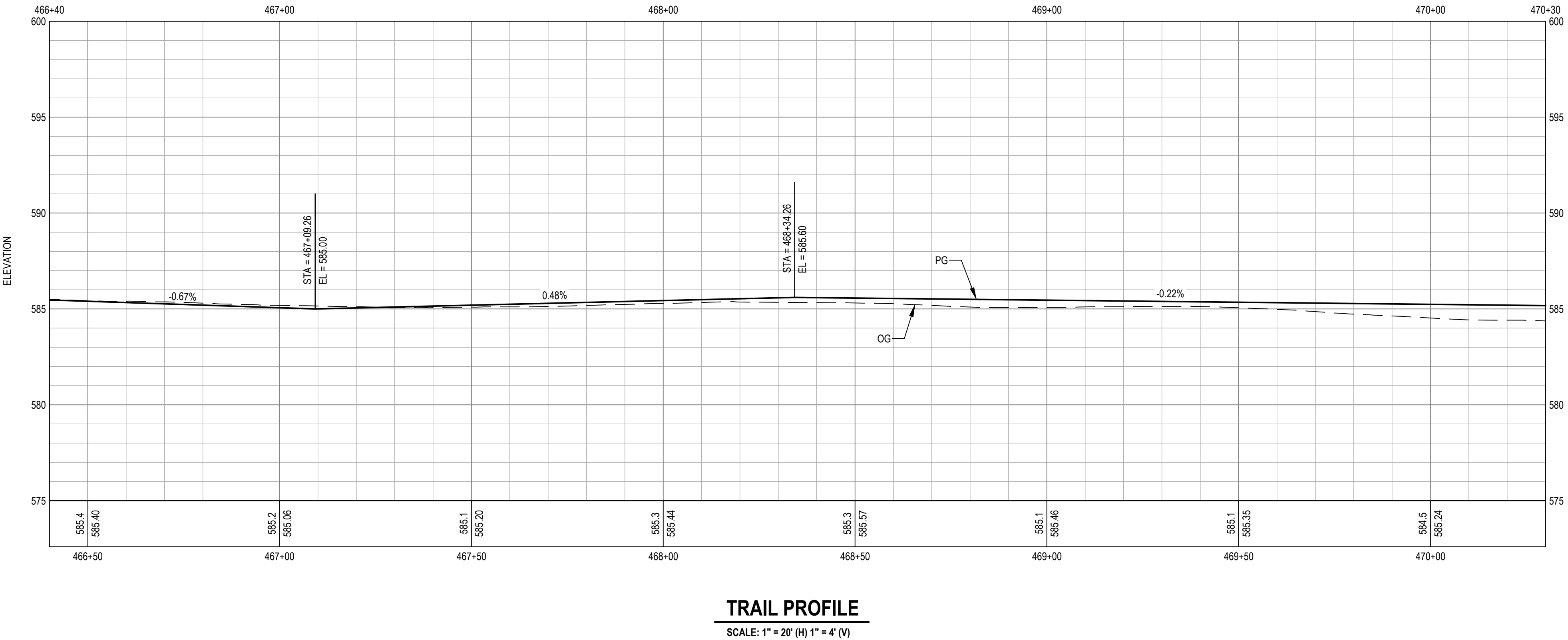
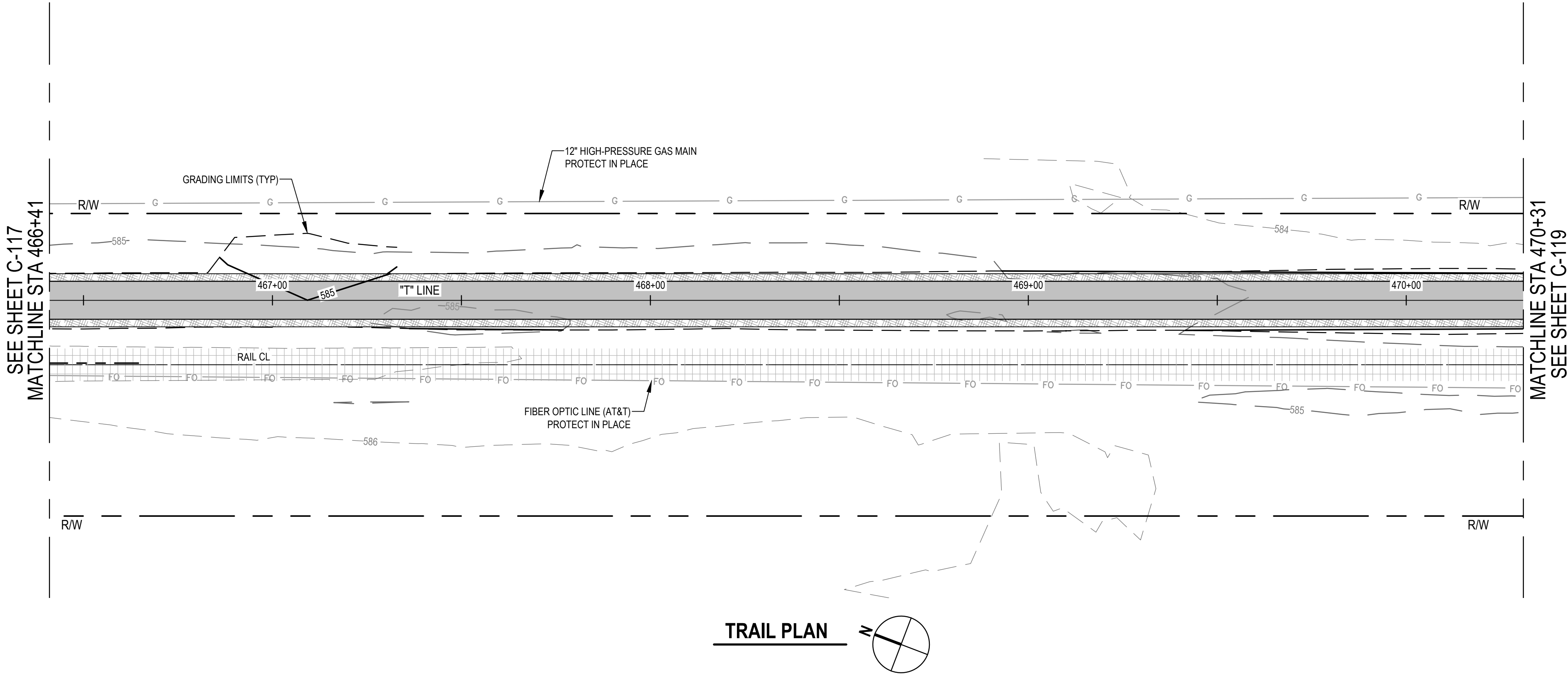
Title TRAIL PLAN AND PROFILE
STA 462+51 TO STA 466+41
ADD ALTERNATIVE

Size
ANSI D

Sheet No.
C-117
26 of 96

SHEET GENERAL NOTES

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811

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Underground Service Alert at
811 two working days prior
to excavation

No.	Issue	Checked	Approved	Date
Author	H. DAAS	Drafting Check	E. FANSELAU	
Designer	H. DAAS	Design Check	E. FANSELAU	
		Project Manager	E. FANSELAU	
		Project Director	M. KENNEDY	

Bar is one inch on
original size sheet
0 1"



12/21/2022



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Santa Rosa California 95407 USA
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Client **CITY OF UKIAH**

Project **THE GREAT REDWOOD TRAIL PHASE 4**

Project No.
12557341

Date
SEP 30, 2022

Scale
1" = 20'

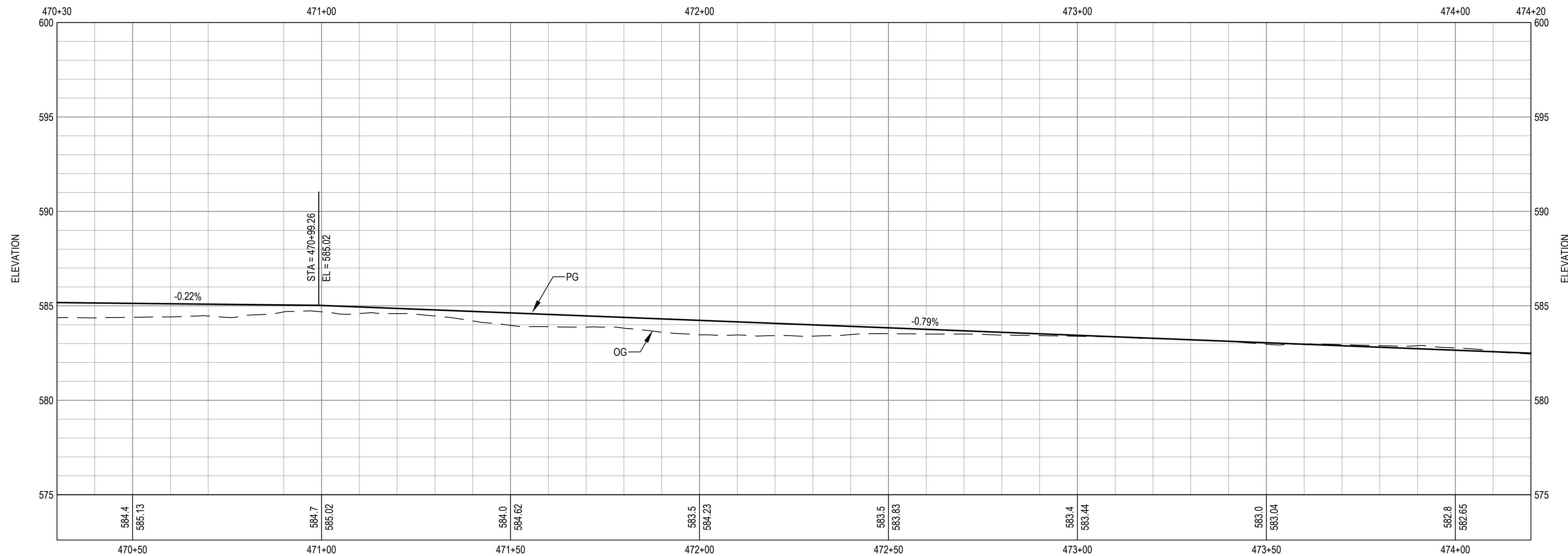
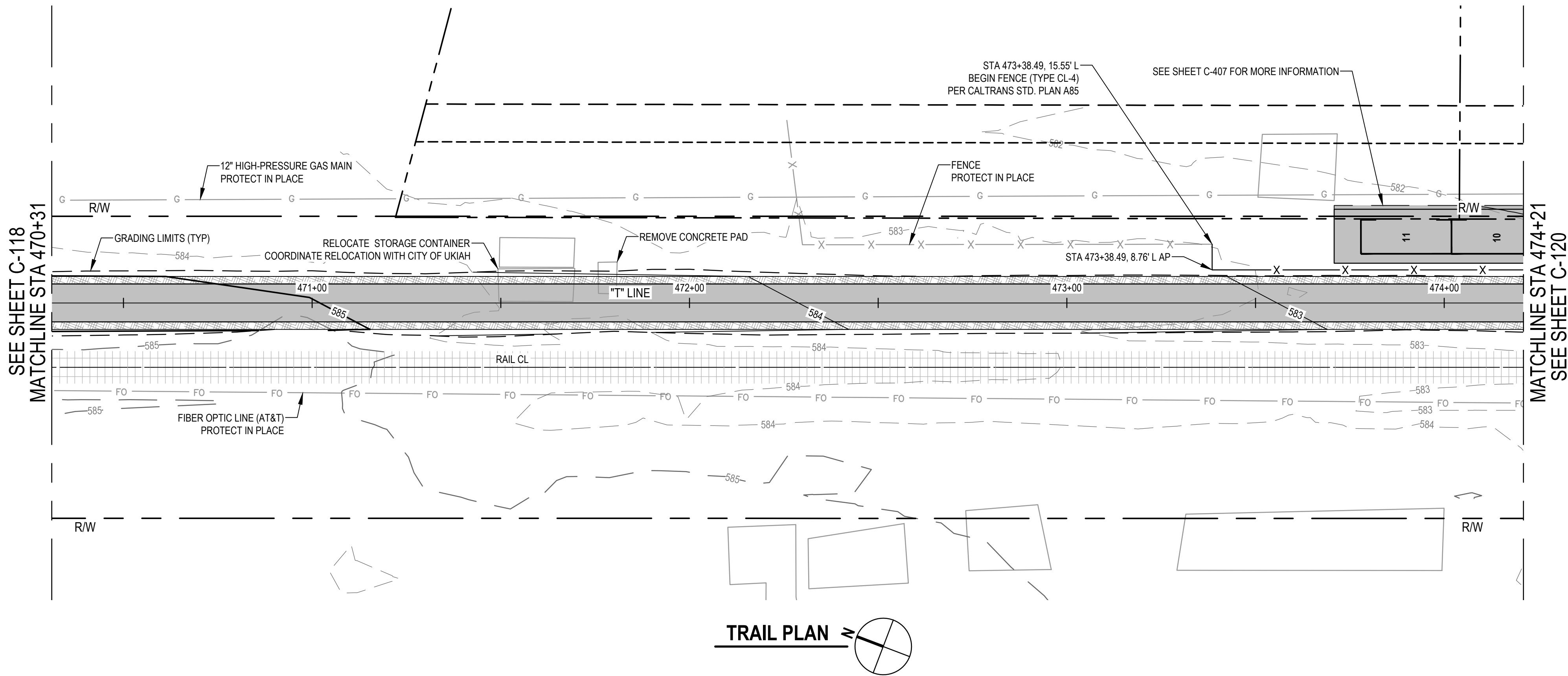
Title **TRAIL PLAN AND PROFILE
STA 466+41 TO STA 470+31
ADD ALTERNATIVE**

Size
ANSI D

Sheet No.
C-118
Sheet
27 of 96

SHEET GENERAL NOTES

1. ALL WORK WITHIN 5 FEET HORIZONTAL OF ANY PG&E GAS MAIN AND AT&T FIBER OPTIC LINE SHALL BE PERFORMED UNDER INSPECTION BY THE UTILITY OWNER. CONTRACTOR SHALL NOTIFY UTILITY OWNER A MINIMUM OF 5 WORKING DAYS IN ADVANCE OF PLANNED EXCAVATION.



TRAIL PROFILE

SCALE: 1" = 20' (H) 1" = 4' (V)



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to excavation

No.	Issue			Checked	Approved	Date
Author	H. DAAS	Drafting Check	E. FANSELAU	Project Manager	E. FANSELAU	
Designer	H. DAAS	Design Check	E. FANSELAU	Project Director	M. KENNEDY	

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Client **CITY OF UKIAH**

Project **THE GREAT REDWOOD TRAIL PHASE 4**

Project No. **12557341**

Date **SEP 30, 2022**

Scale **1" = 20'**

Title **TRAIL PLAN AND PROFILE
STA 470+31 TO STA 474+21
ADD ALTERNATIVE**

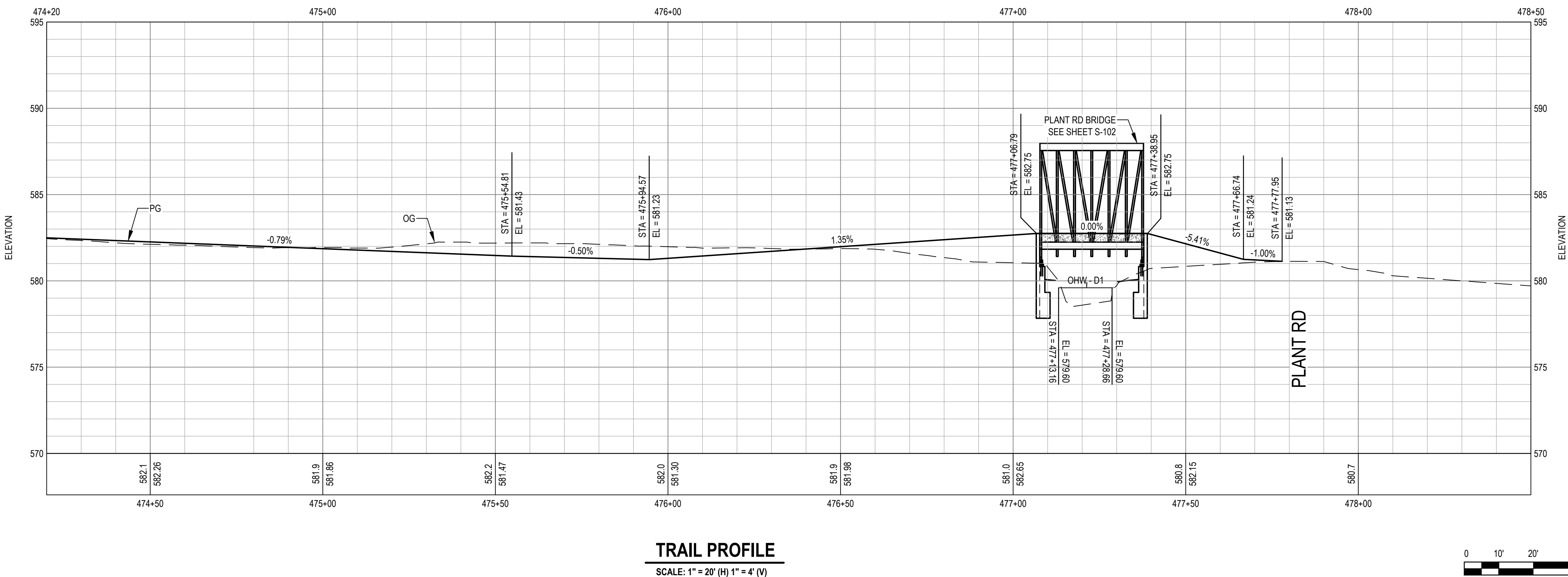
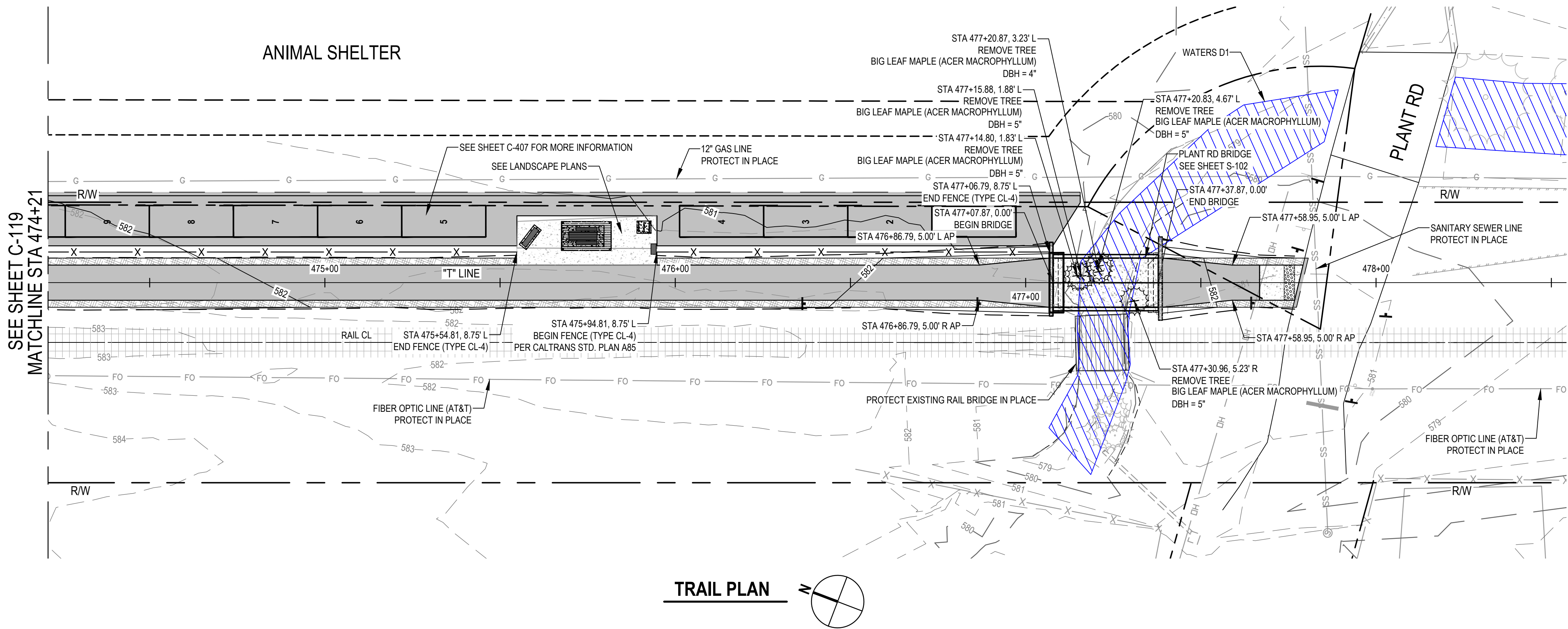
Size
ANSI D

Sheet No.
C-119

Sheet
28 of 96

SHEET GENERAL NOTES

- FOR SIGNING AND STRIPING INFORMATION AND LAYOUT, SEE SHEET C-404.
- ALL WORK WITHIN 5 FEET HORIZONTAL OF ANY PG&E GAS MAIN AND AT&T FIBER OPTIC LINE SHALL BE PERFORMED UNDER INSPECTION BY THE UTILITY OWNER. CONTRACTOR SHALL NOTIFY UTILITY OWNER A MINIMUM OF 5 WORKING DAYS IN ADVANCE OF PLANNED EXCAVATION.
- HYDRAULIC CALCULATIONS FOR STREAM IMPACTS MUST BE COMPLETED PRIOR TO CONSTRUCTION.



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to excavation

1	UPDATED NOTES	EF	EF	2022-12-20
No.	Issue	Checked	Approved	Date
Author	H. DAAS	Drafting Check	E. FANSELAU	Project Manager
Designer	H. DAAS	Design Check	E. FANSELAU	Project Director
			M. KENNEDY	

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original size sheet

0 1"



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Client CITY OF UKIAH

Project THE GREAT REDWOOD TRAIL PHASE 4

Project No.
12557341

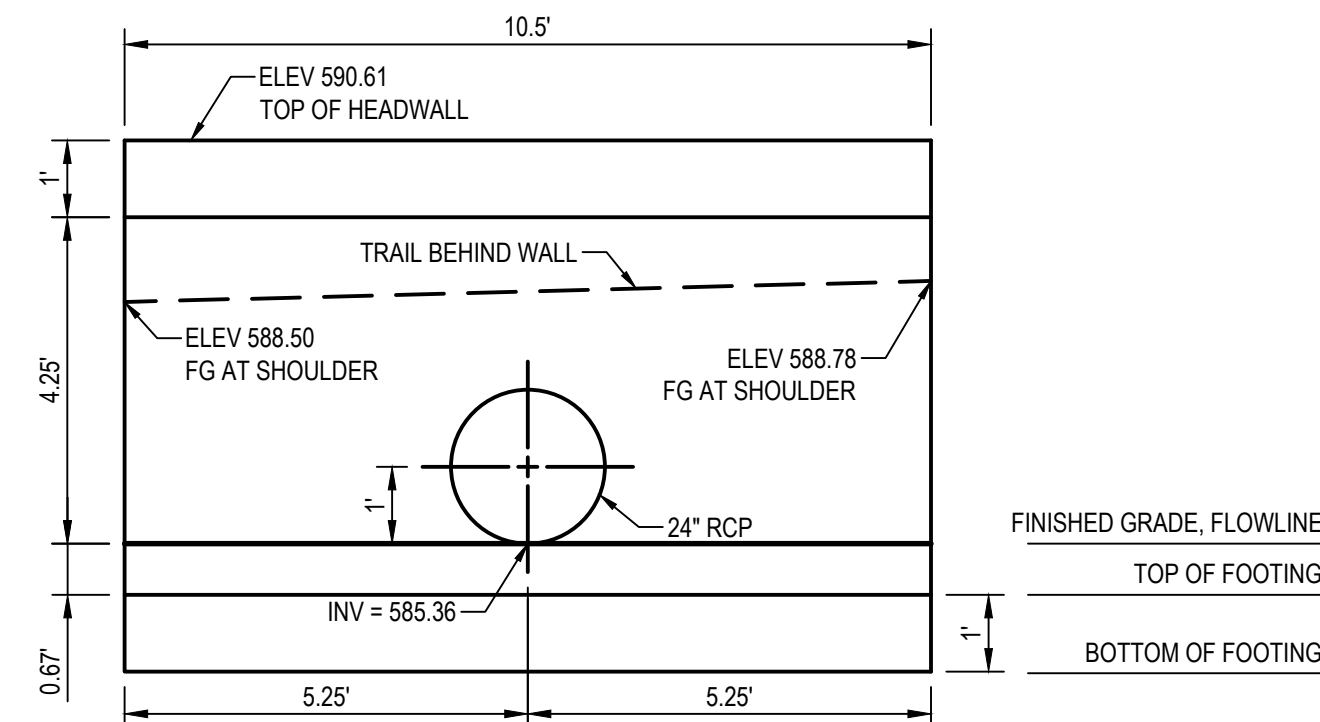
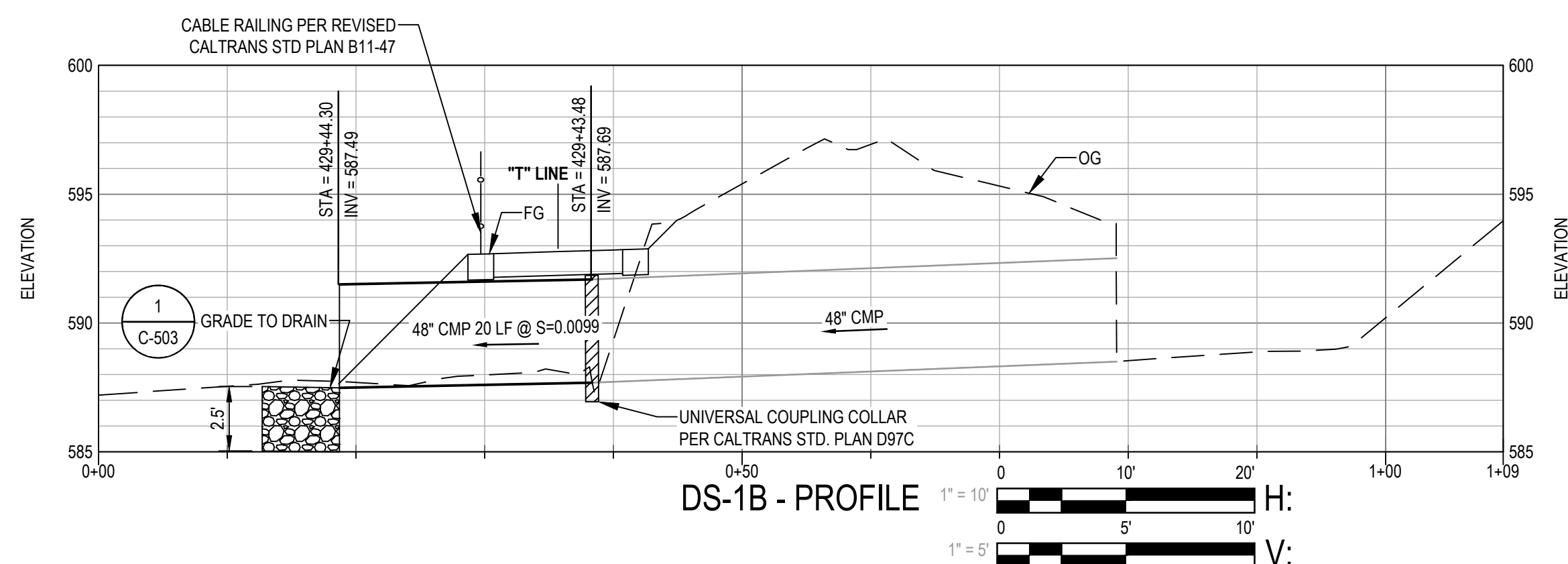
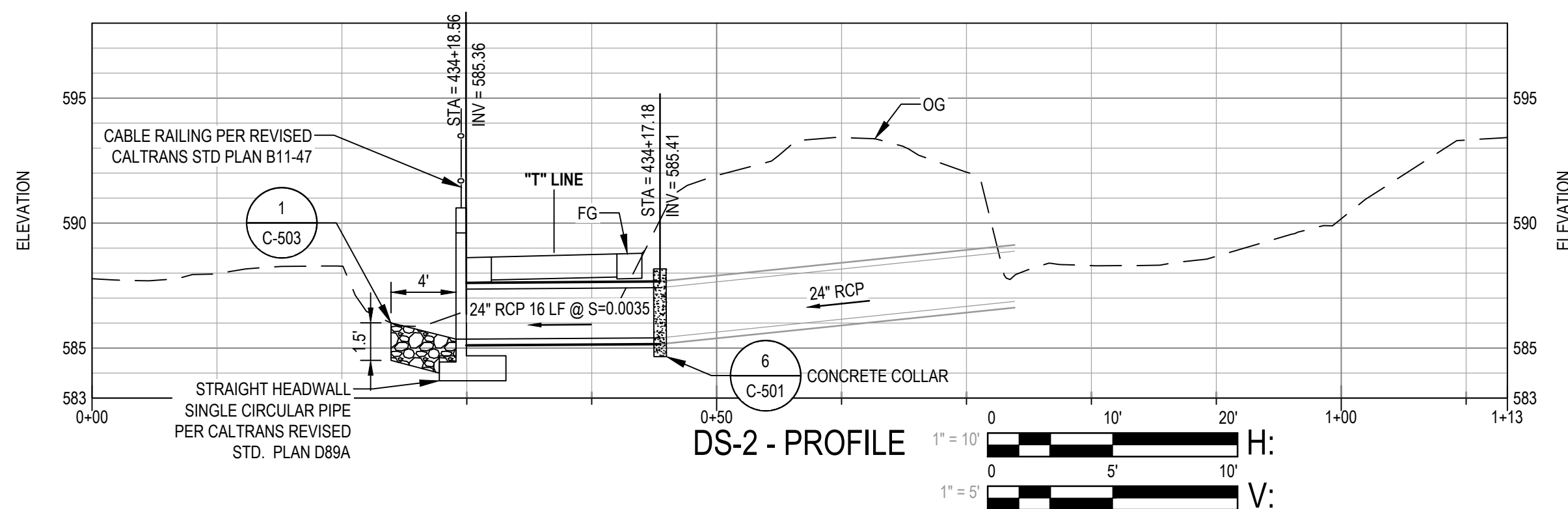
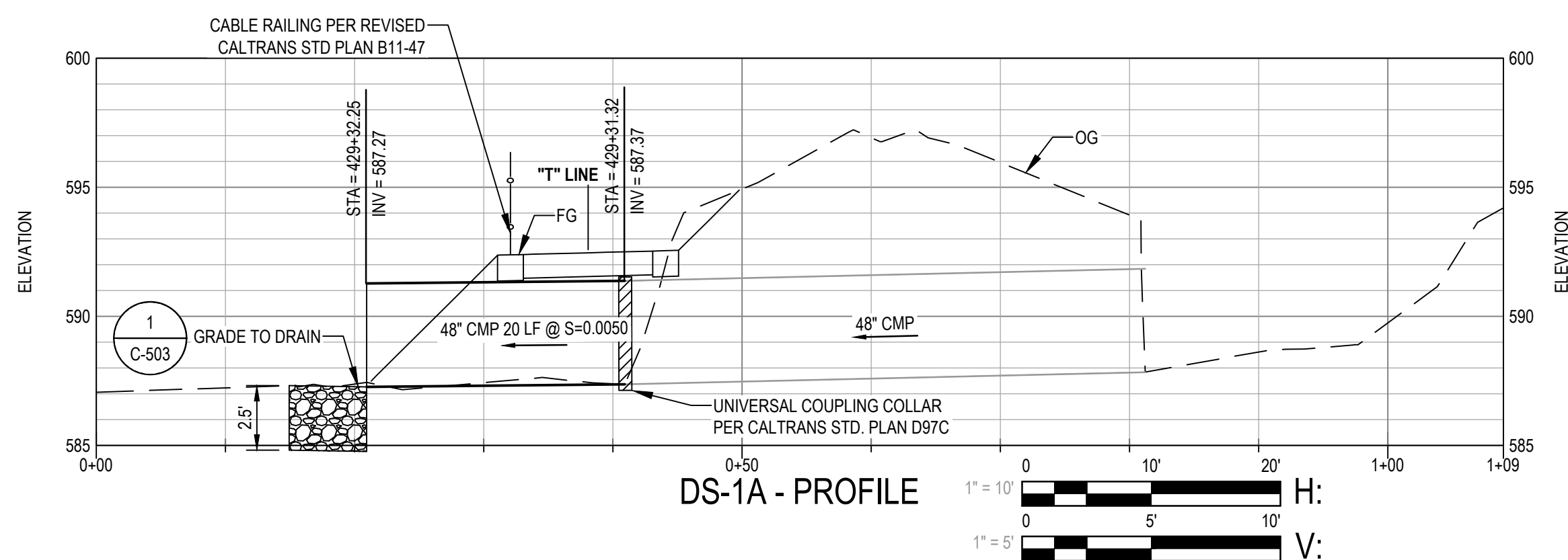
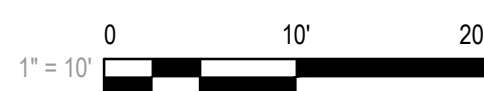
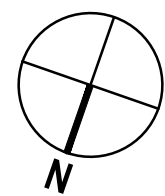
Date
SEP 30, 2022

Scale
1" = 20'

Title TRAIL PLAN AND PROFILE
STA 474+21 TO STA 478+50
ADD ALTERNATIVE

Size
ANSI D
Sheet No.
C-120
Sheet
29 of 96

1. ROCK SLOPE PROTECTION: MINIMUM ROCK SLOPE PROTECTION AT STANDARD CMP OR RCP OUTLET SHALL BE FACING CLASS, PLACEMENT METHOD B. MINIMUM THICKNESS SHALL BE 1.8 FEET AND MINIMUM STONE WEIGHT SHALL BE 7 POUNDS.



DRAINAGE SYSTEM 2 - HEADWALL PROFILE

SCALE: 1" = 2.5'

No.	Issue		Checked	Approved	Date
Author	H. DAAS	Drafting Check	E. FANSELAU	Project Manager	E. FANSELAU
Designer	H. DAAS	Design Check	E. FANSELAU	Project Director	M. KENNEDY

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Project **THE GREAT REDWOOD TRAIL PHASE 4**

Project No.	12557341
-------------	----------

Date
SEP 30, 2022

Scale
AS NOTED

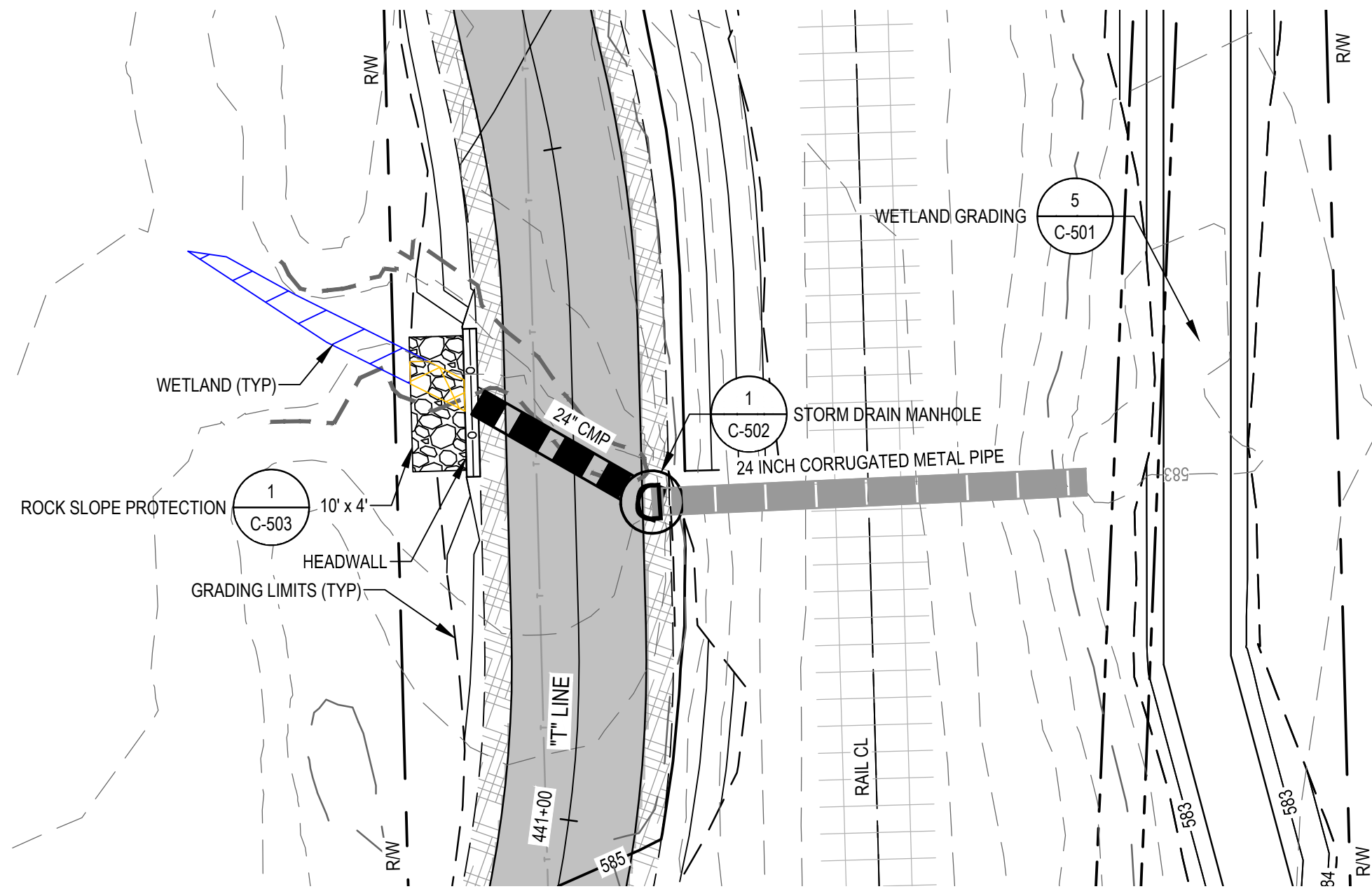
Title **DRAINAGE PLAN 1**

Size
ANSI D

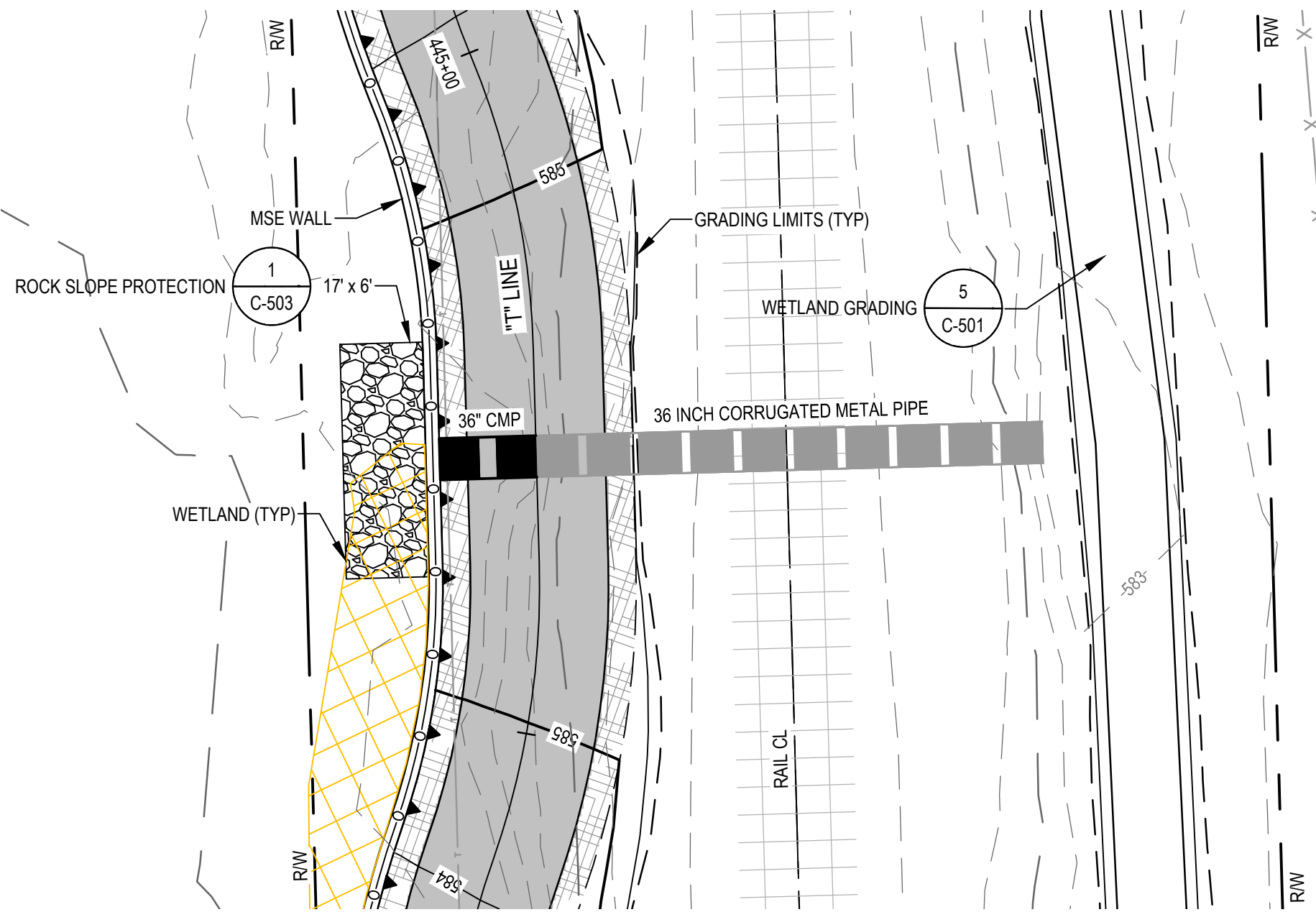
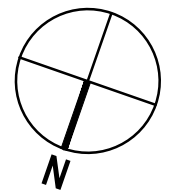


Know what's **below**.
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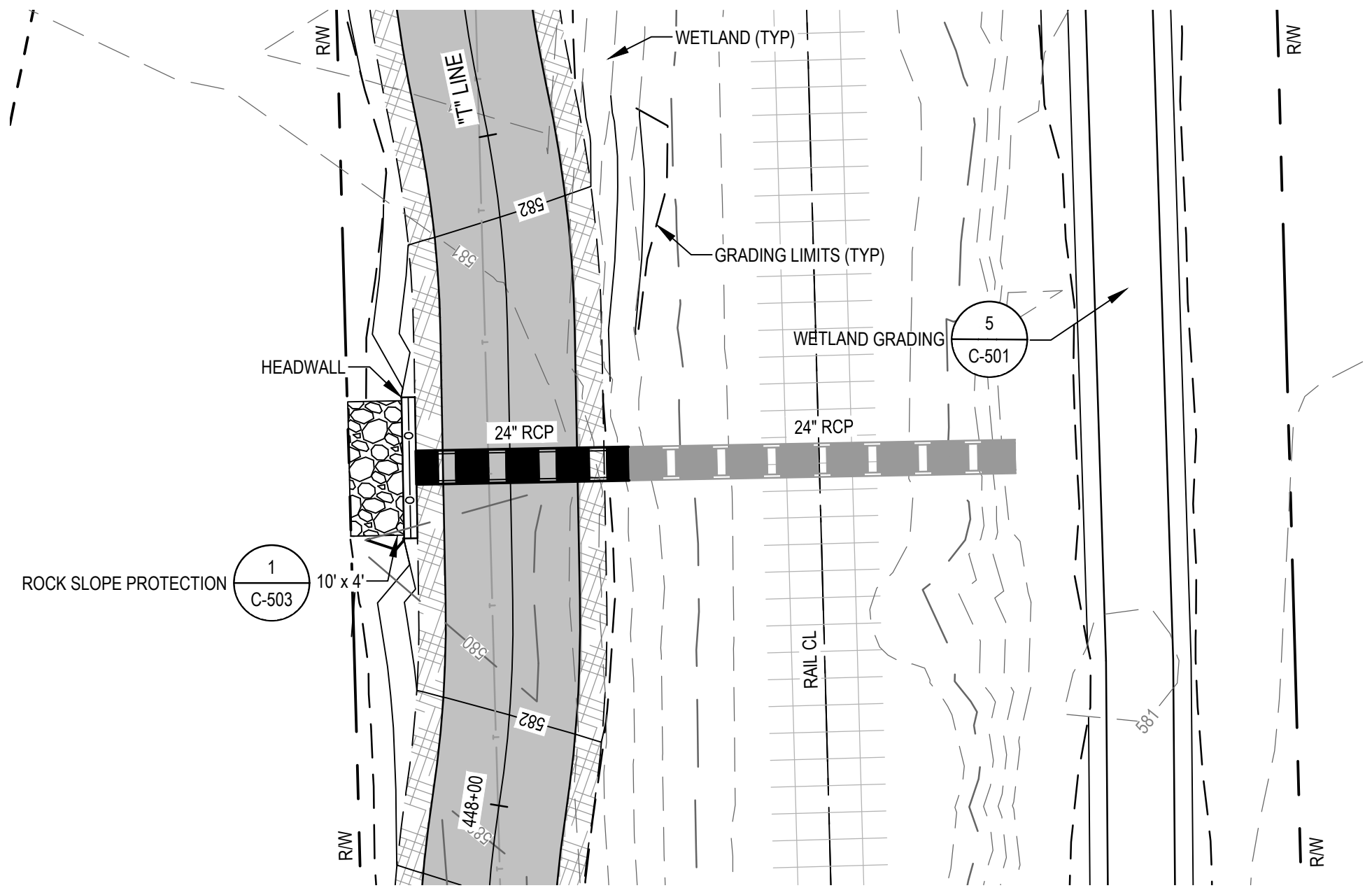
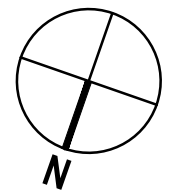
Contractor shall call
Underground Service Alert at
811 two working days prior
to excavation



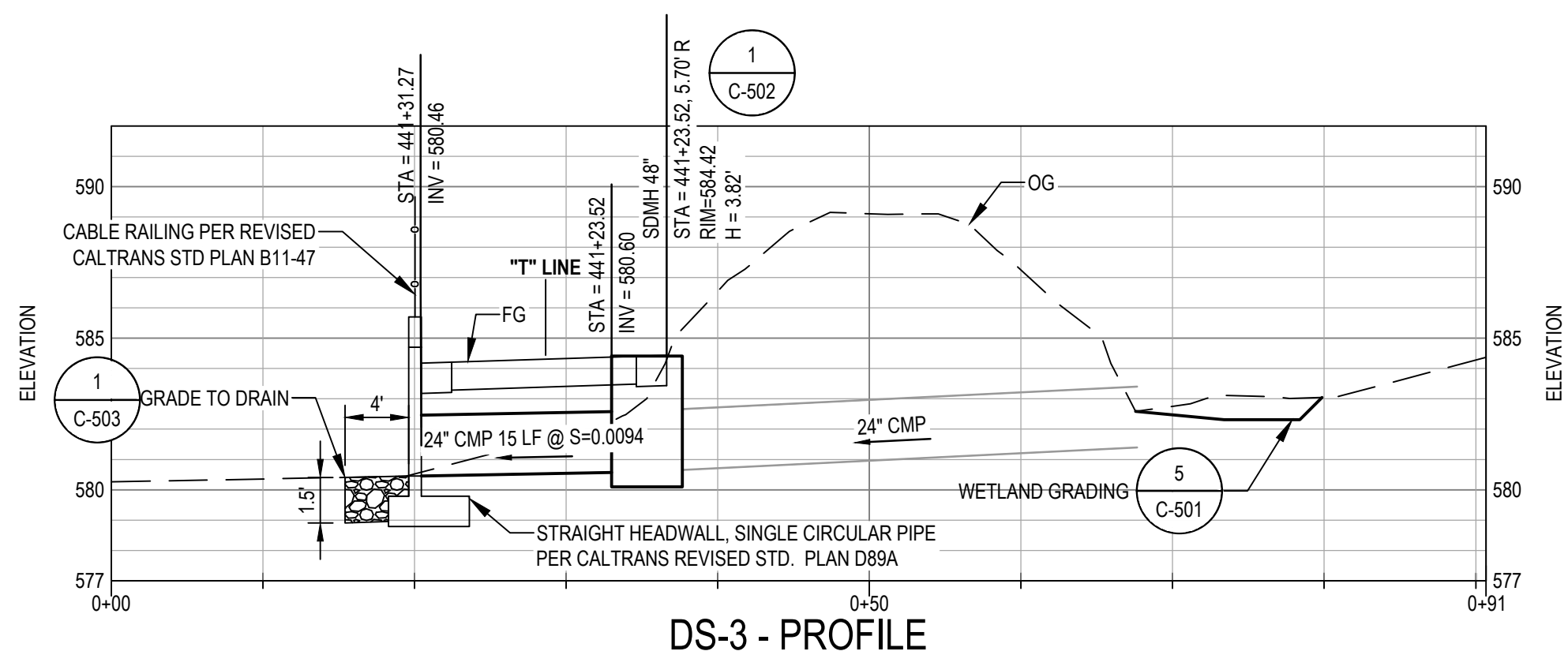
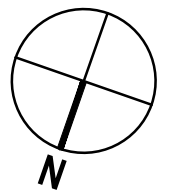
3 DRAINAGE SYSTEM 3 - PLAN
SCALE: 1" = 10'



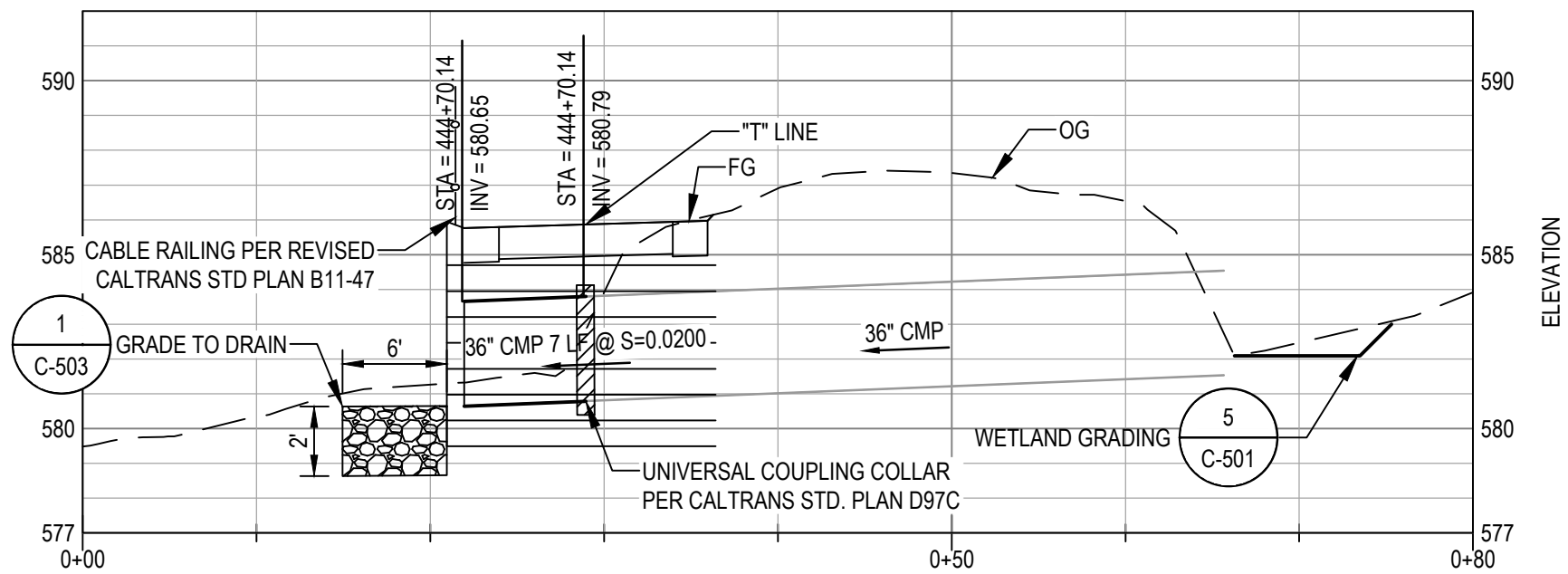
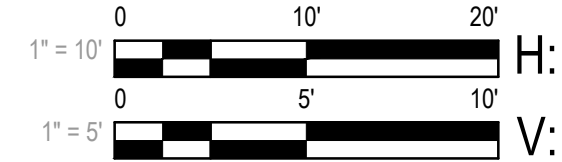
4 DRAINAGE SYSTEM 4 - PLAN
SCALE: 1" = 10'



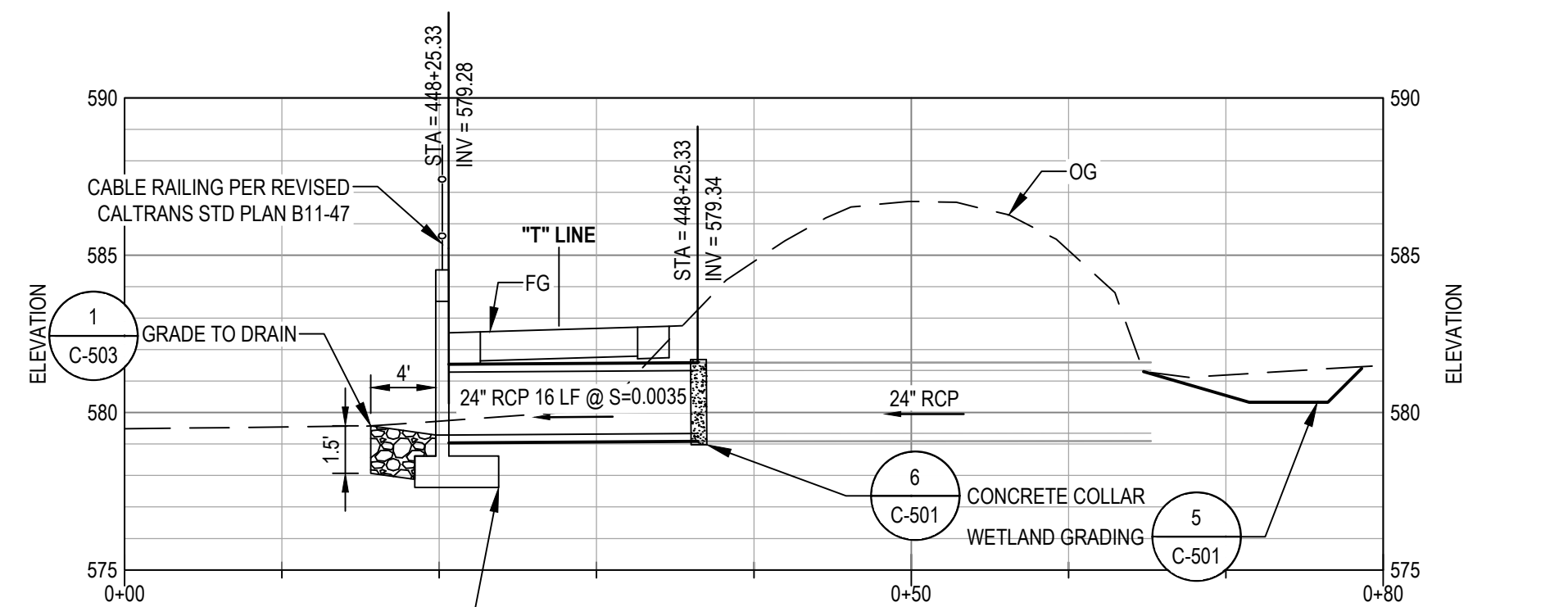
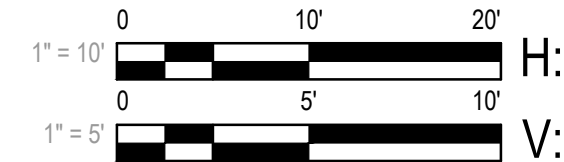
5 DRAINAGE SYSTEM 5 - PLAN
SCALE: 1" = 10'



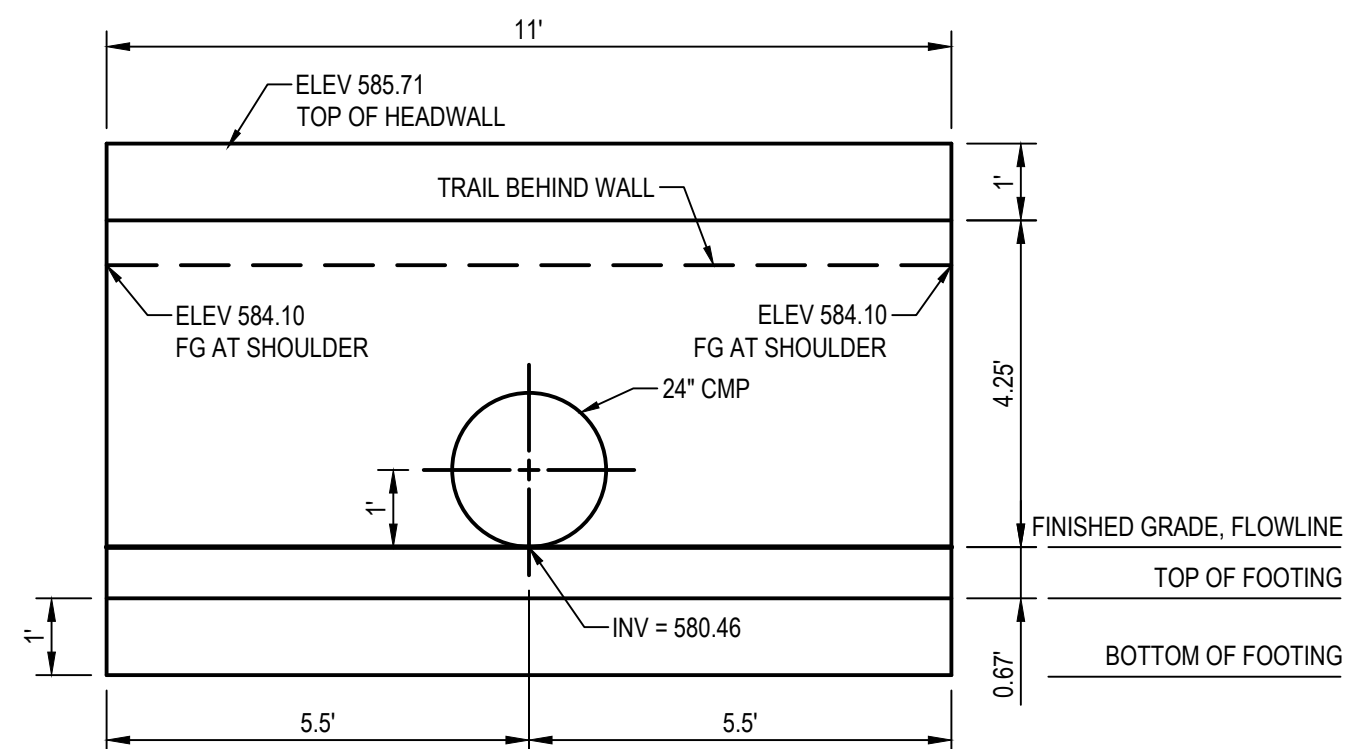
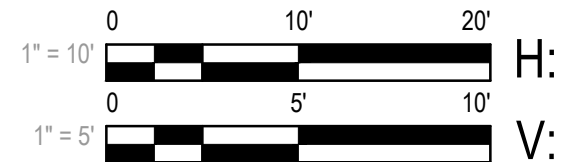
DS-3 - PROFILE



DS-4 - PROFILE



DS-5 - PROFILE



DRAINAGE SYSTEM 3 - HEADWALL PROFILE
SCALE: 1" = 2.5'

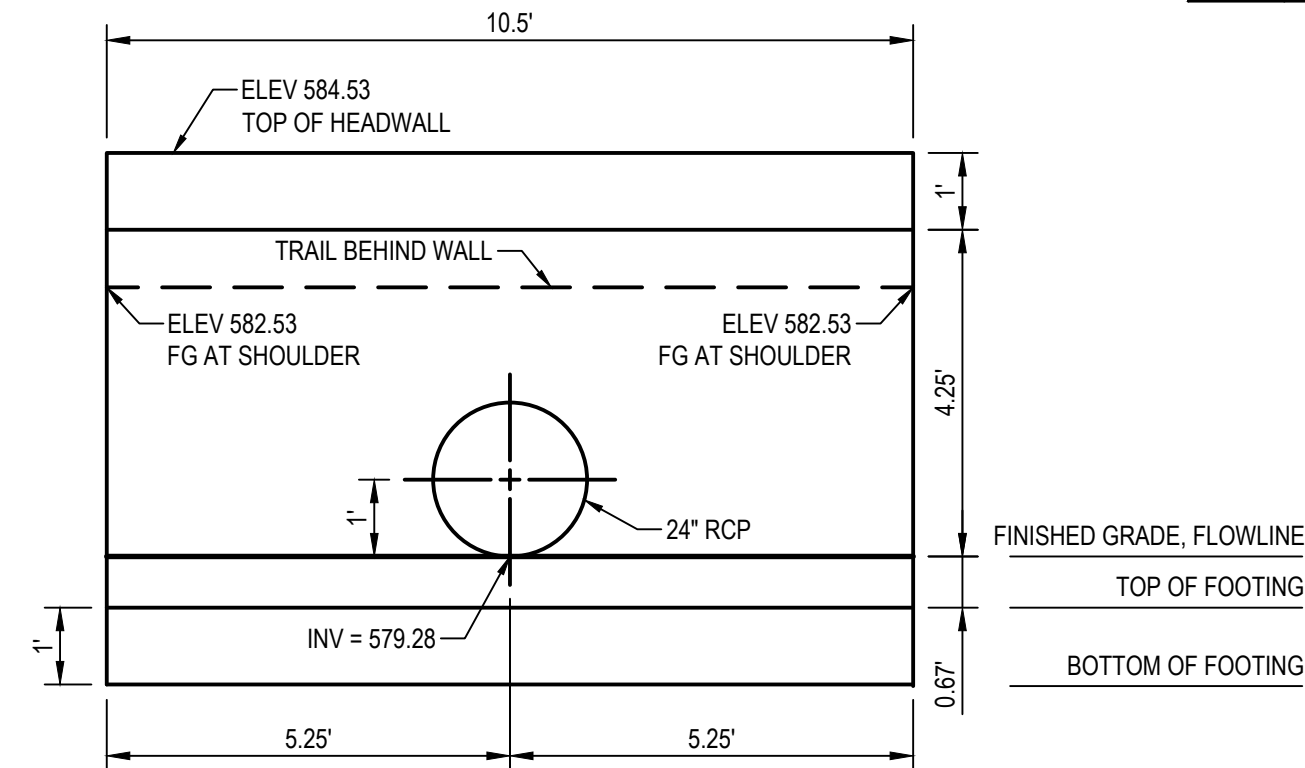
FOR MSE WALL PROFILE SEE SHEET S-103

DRAINAGE SYSTEM 4 - MSE WALL PROFILE

SCALE: 1" = 2.5'

SHEET GENERAL NOTES

- ROCK SLOPE PROTECTION: MINIMUM ROCK SLOPE PROTECTION AT STANDARD CMP OR RCP OUTLET SHALL BE FACING CLASS, PLACEMENT METHOD B. MINIMUM THICKNESS SHALL BE 1.8 FEET AND MINIMUM STONE WEIGHT SHALL BE 7 POUNDS.



DRAINAGE SYSTEM 5 - HEADWALL PROFILE
SCALE: 1" = 2.5'



Contractor shall call Underground Service Alert at 811 two working days prior to excavation

No.	Issue	Checked	Approved	Date
Author	H. DAAS	Drafting Check	E. FANSELAU	
Designer	H. DAAS	Design Check	E. FANSELAU	
		Project Manager	E. FANSELAU	
		Project Director	M. KENNEDY	

Plot Date: 21 December 2022 - 6:23 PM

Plotted By: Haytham Daas

Filename: N:\US\Santa Rosa\Projects\5611\2557341\Digital_Design\RD\C3D\sheets\12557341-GHD-0000-DRN-RD-D121.dwg

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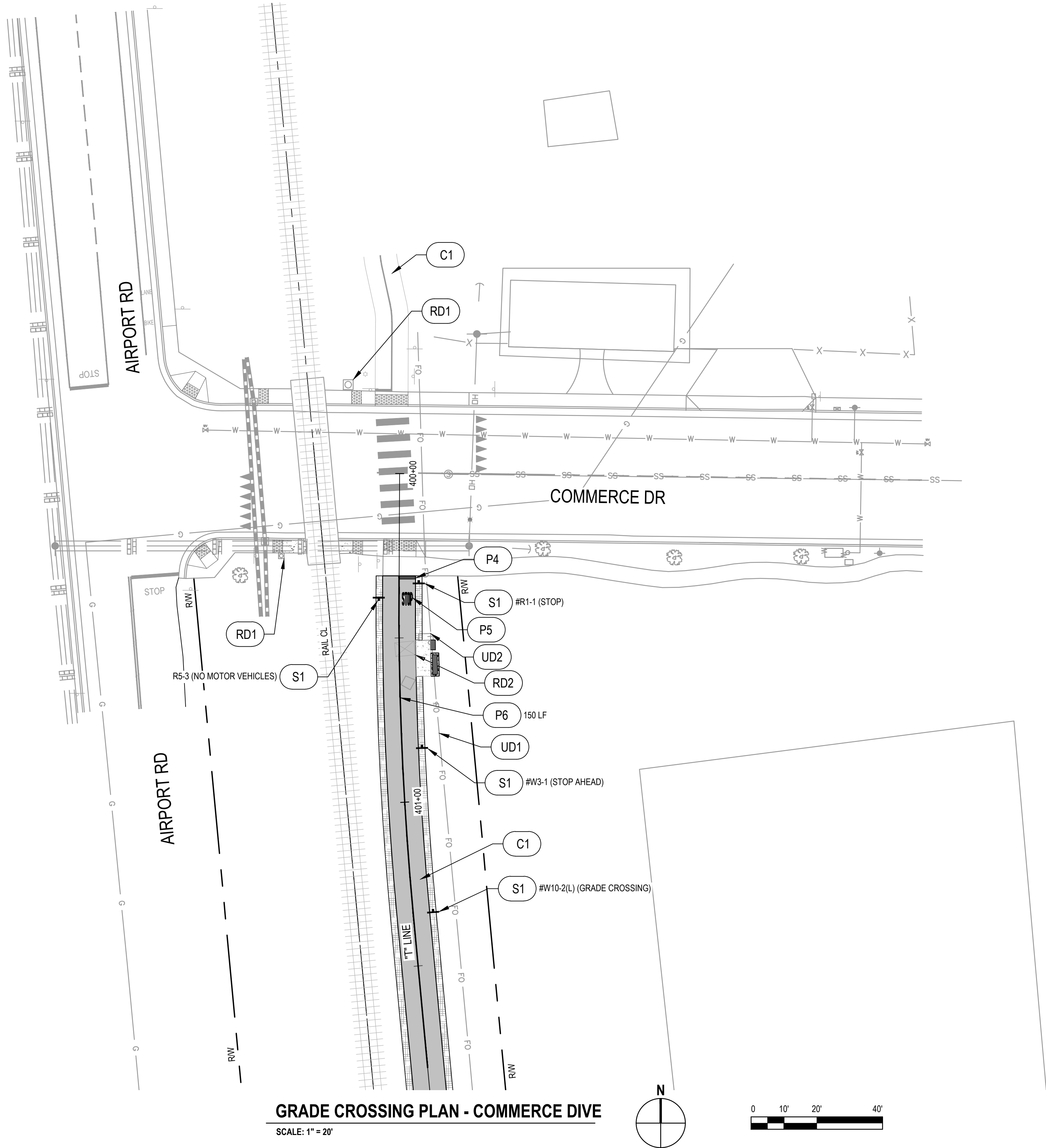
Client **CITY OF UKIAH**
Project **THE GREAT REDWOOD TRAIL PHASE 4**

Project No. **12557341** Date **SEP 30, 2022** Scale **AS NOTED**

Title **DRAINAGE PLAN 2**

Size **ANSI D**

Sheet No. **C-122** Sheet **31 of 96**



GRADE CROSSING PLAN - COMMERCE DIVE
SCALE: 1" = 20'

GENERAL NOTES

1. CONTOURS AND VEGETATION ARE NOT SHOWN FOR CLARITY. SEE PLAN AND PROFILE PLANS.
4. CONTRACTOR TO FIELD FIT GATES AND FENCES.
5. ALL EXISTING STRIPING THAT CONFLICTS WITH THE PROPOSED STRIPING (WITHIN 25' OF THE TRACK) IS TO BE REMOVED BY GRINDING, UNLESS OTHERWISE NOTED.
6. CONTRACTOR TO VERIFY WITH ENGINEER ALL STRIPE TO BE REMOVED PRIOR TO REMOVAL.
7. # SIGN: BIKE SCALE SIGN PER SECTION 9B OF THE CA MUTCD.
8. SIGNS ARE PER CALIFORNIA MUTCD STD. UNLESS STATED OTHERWISE.
9. ALL EXISTING STREET SIGNS WITHIN RAIL RIGHT OF WAY ARE TO REMAIN UNLESS FOUND IN CONFLICT WITH CROSSING IMPROVEMENTS. IN THIS CASE, THESE SIGNS ARE EITHER REMOVED, RELOCATED, OR REPLACED PER DIRECTION OF THE FIELD ENGINEER WITH APPROVAL OF CITY OR COUNTY PUBLIC WORKS DEPARTMENT.
10. CONTRACTOR TO MARK PLACEMENT OF ALL SIGNS, PAVEMENT MARKINGS, AND STRIPING IN THE FIELD FOR VERIFICATION AND APPROVAL BY THE ENGINEER PRIOR TO INSTALLATION.
11. PATHWAY SIGNS AT GRADE CROSSINGS ARE SET 50' O.C. AS MEASURED FROM SIGN R1-1.
12. LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM INFORMATION AVAILABLE AT THE TIME OF DESIGN. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY THE OWNER AND UNDERGROUND SERVICES ALERT (U.S.A.) (800) 277-2600 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION. CONTRACTOR TO VERIFY ACTUAL SITE CONDITIONS PRIOR TO PERFORMING WORK.

KEY NOTES

CONSTRUCTION NOTES

- CD1 PROTECT EXISTING DRIVEWAY.
CD2 SAWCUT WITH 1" HMA (TYPE A) BACKFILL.
CD3 REMOVE FENCE.

- C1 NON-MOTORIZED PATHWAY.
C2 CURB RAMP PER CALTRANS STD. PLAN A88A AND A88B.
C3 4' CHAIN LINK FENCE PER CALTRANS STD. PLAN A85.

PAVEMENT DELINEATION NOTES

- PD1 REMOVE STRIPE OR MARKING.

- P1 24" x LANE WIDTH WHITE THERMOPLASTIC MARKING.
P2 RAILROAD CROSSING WHITE THERMOPLASTIC MARKING PER CALTRANS STD. PLAN A24B.
P3 10' WHITE THERMOPLASTIC CONTINENTAL CROSSWALK PER CALTRANS STD. PLAN A24F.
P4 12" x LANE WIDTH WHITE PAINT MARKING.
P5 'STOP' WHITE PAINT MARKING PER CALTRANS STD. PLAN A24D (1/2 SCALE).
P6 4" YELLOW PAINT STRIPE.
P7 'STOP' WHITE THERMOPLASTIC MARKING PER CALTRANS STD. PLAN A24D.
P8 THERMOPLASTIC WHITE YIELD LINE PAVEMENT MARKING PER CALTRANS STD. PLAN A24E.

SIGNING NOTES

- SD1 REMOVE SIGN.
SD2 RELOCATE SIGN.
SD3 PROTECT SIGN IN PLACE.
- S1 ROADSIDE SIGN PER CITY OF UKIAH STD. PLAN 120.
S2 RECTANGULAR RAPID FLASHING BEACON, SEE ELECTRICAL PLANS.

UTILITY NOTES

- UD1 PROTECT UTILITY IN PLACE.
UD2 REMOVE METER.
UD3 RELOCATE UTILITY MARKER.

RAIL NOTES

- RD1 PROTECT EXISTING EQUIPMENT IN PLACE.
RD2 REMOVE CIL.



Contractor shall call
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to excavation

No.	Issue	Checked	Approved	Date
Author	H. DAAS	Drafting Check	E. FANSELAU	Project Manager
Designer	H. DAAS	Design Check	E. FANSELAU	Project Director
			M. KENNEDY	

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original size sheet
0 1"



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Client CITY OF UKIAH

Project THE GREAT REDWOOD TRAIL PHASE 4

Project No.
12557341

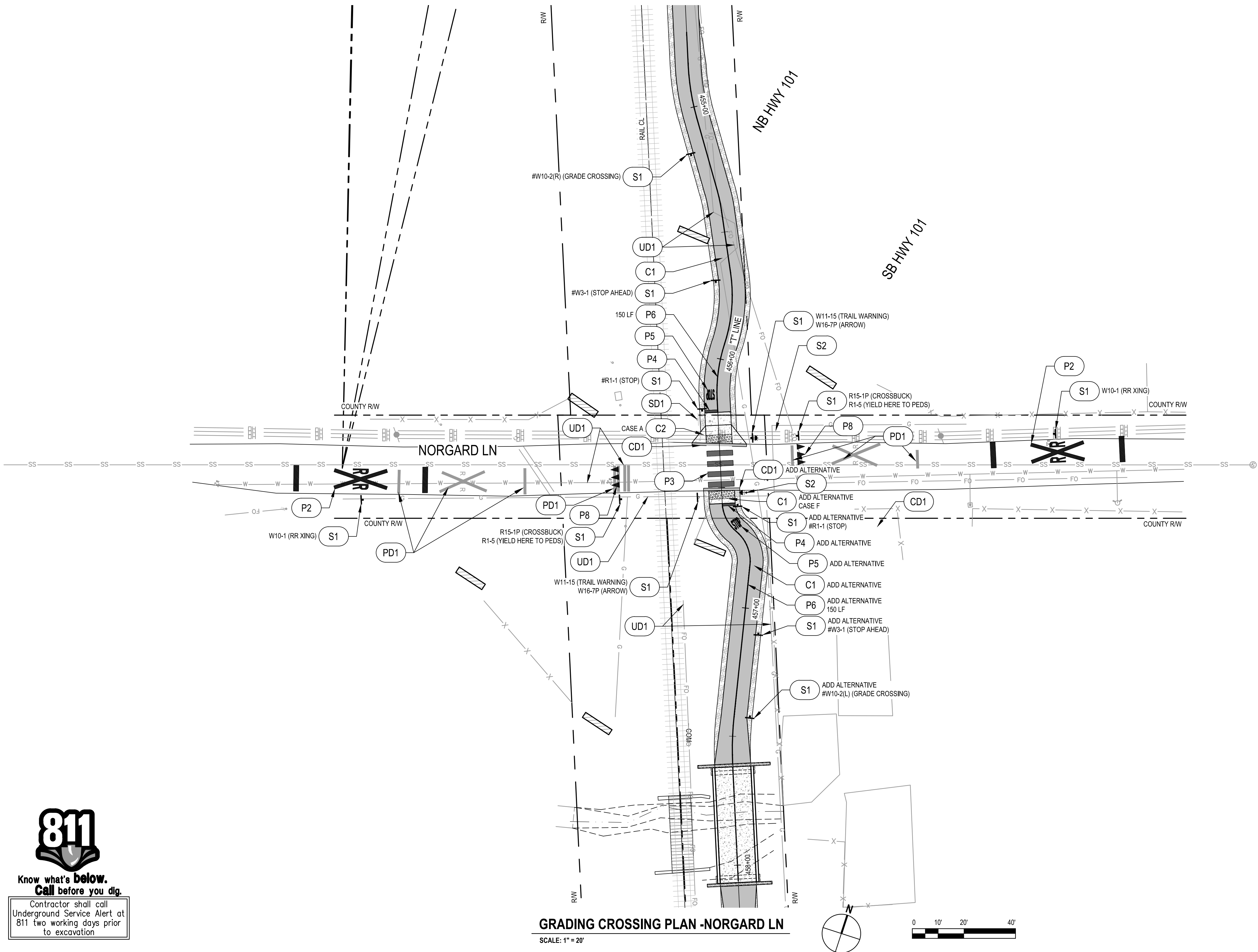
Date
SEP 30, 2022

Scale
1" = 20'

Title GRADE CROSSING PLAN -
COMMERCE DIVE

Size
ANSI D

Sheet No.
C-401
Sheet
32 of 96



GENERAL NOTES

1. CONTOURS AND VEGETATION ARE NOT SHOWN FOR CLARITY. SEE PLAN AND PROFILE PLANS.
4. CONTRACTOR TO FIELD FIT GATES AND FENCES.
5. ALL EXISTING STRIPING THAT CONFLICTS WITH THE PROPOSED STRIPING (WITHIN 25' OF THE TRACK) IS TO BE REMOVED BY GRINDING, UNLESS OTHERWISE NOTED.
6. CONTRACTOR TO VERIFY WITH ENGINEER ALL STRIPE TO BE REMOVED PRIOR TO REMOVAL.
7. # SIGN: BIKE SCALE SIGN PER SECTION 9B OF THE CA MUTCD.
8. SIGNS ARE PER CALIFORNIA MUTCD STD. UNLESS STATED OTHERWISE.
9. ALL EXISTING STREET SIGNS WITHIN RAIL RIGHT OF WAY ARE TO REMAIN UNLESS FOUND IN CONFLICT WITH CROSSING IMPROVEMENTS. IN THIS CASE, THESE SIGNS ARE EITHER REMOVED, RELOCATED, OR REPLACED PER DIRECTION OF THE FIELD ENGINEER WITH APPROVAL OF CITY OR COUNTY PUBLIC WORKS DEPARTMENT.
10. CONTRACTOR TO MARK PLACEMENT OF ALL SIGNS, PAVEMENT MARKINGS, AND STRIPING IN THE FIELD FOR VERIFICATION AND APPROVAL BY THE ENGINEER PRIOR TO INSTALLATION.
11. PATHWAY SIGNS AT GRADE CROSSINGS ARE SET 50' O.C. AS MEASURED FROM SIGN R1-1.
12. LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM INFORMATION AVAILABLE AT THE TIME OF DESIGN. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY THE OWNER AND UNDERGROUND SERVICES ALERT (U.S.A.) (800) 277-2600 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION. CONTRACTOR TO VERIFY ACTUAL SITE CONDITIONS PRIOR TO PERFORMING WORK.

KEY NOTES

CONSTRUCTION NOTES

- CD1 PROTECT EXISTING DRIVEWAY.
CD2 SAWCUT WITH 1"HMA (TYPE A) BACKFILL.
CD3 REMOVE FENCE.

- C1 NON-MOTORIZED PATHWAY.
C2 CURB RAMP PER CALTRANS STD. PLAN A88A AND A88B.
C3 4' CHAIN LINK FENCE PER CALTRANS STD. PLAN A85.

PAVEMENT DELINEATION NOTES

- PD1 REMOVE STRIPE OR MARKING.

- P1 24" x LANE WIDTH WHITE THERMOPLASTIC MARKING.
P2 RAILROAD CROSSING WHITE THERMOPLASTIC MARKING PER CALTRANS STD. PLAN A24B.
P3 10' WHITE THERMOPLASTIC CONTINENTAL CROSSWALK PER CALTRANS STD. PLAN A24F.
P4 12" x LANE WIDTH WHITE PAINT MARKING.
P5 'STOP' WHITE PAINT MARKING PER CALTRANS STD. PLAN A24D (1/2 SCALE).
P6 4" YELLOW PAINT STRIPE.
P7 'STOP' WHITE THERMOPLASTIC MARKING PER CALTRANS STD. PLAN A24D.
P8 THERMOPLASTIC WHITE YIELD LINE PAVEMENT MARKING PER CALTRANS STD. PLAN A24E.

SIGNING NOTES

- SD1 REMOVE SIGN.
SD2 RELOCATE SIGN.
SD3 PROTECT SIGN IN PLACE.

- S1 ROADSIDE SIGN PER CITY OF UKIAH STD. PLAN 120.
S2 RECTANGULAR RAPID FLASHING BEACON, SEE ELECTRICAL PLANS.

UTILITY NOTES

- UD1 PROTECT UTILITY IN PLACE.
UD2 REMOVE METER.
UD3 RELOCATE UTILITY MARKER.

RAIL NOTES

- RD1 PROTECT EXISTING EQUIPMENT IN PLACE.
RD2 REMOVE CIL.



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GRADING CROSSING PLAN -NORGARD LN

SCALE: 1" = 20'

Bar is one inch on
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Client **CITY OF UKIAH**

Project **THE GREAT REDWOOD TRAIL PHASE 4**

Project No.
12557341

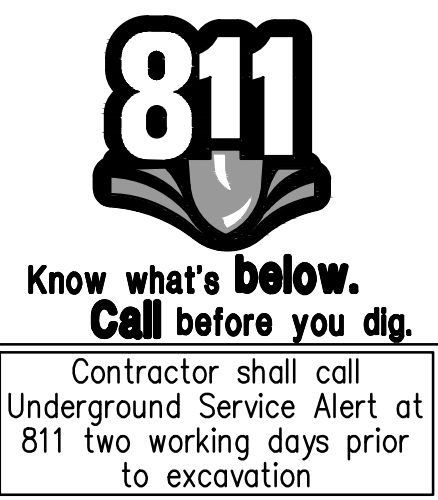
Date
SEP 30, 2022

Scale
1" = 20'

Title **GRADING CROSSING PLAN
-NORGARD LN**

Sheet No.
C-403
34 of 96

ALL WORK SHOWN ON THIS SHEET IS PART OF THE ADD ALTERNATIVE.



1. CONTOURS AND VEGETATION ARE NOT SHOWN FOR CLARITY. SEE PLAN AND PROFILE PLANS.
4. CONTRACTOR TO FIELD FIT GATES AND FENCES.
5. ALL EXISTING STRIPING THAT CONFLICTS WITH THE PROPOSED STRIPING (WITHIN 25' OF THE TRACK) IS TO BE REMOVED BY GRINDING, UNLESS OTHERWISE NOTED.
6. CONTRACTOR TO VERIFY WITH ENGINEER ALL STRIPE TO BE REMOVED PRIOR TO REMOVAL.
7. # SIGN, BIKE SCALE SIGN PER SECTION 9D OF THE CA MUTCD.
8. SIGNS ARE PER CALIFORNIA MUTCD STD. UNLESS STATED OTHERWISE.
9. ALL EXISTING STREET SIGNS WITHIN RAIL RIGHT OF WAY ARE TO REMAIN UNLESS FOUND IN CONFLICT WITH CROSSING IMPROVEMENTS. IN THIS CASE, THESE SIGNS ARE EITHER REMOVED, RELOCATED, OR REPLACED PER DIRECTION OF THE FIELD ENGINEER WITH APPROVAL OF CITY OR COUNTY PUBLIC WORKS DEPARTMENT.
10. CONTRACTOR TO MARK PLACEMENT OF ALL SIGNS, PAVEMENT MARKINGS, AND STRIPING IN THE FIELD FOR VERIFICATION AND APPROVAL BY THE ENGINEER PRIOR TO INSTALLATION.
11. PATHWAY SIGNS AT GRADE CROSSINGS ARE SET 50' O.C. AS MEASURED FROM SIGN RAIL.
12. LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM INFORMATION AVAILABLE AT THE TIME OF DESIGN. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY THE OWNER AND UNDERGROUND SERVICES ALERT (U.S.A.) (800) 277-2600 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION. CONTRACTOR TO VERIFY ACTUAL SITE CONDITIONS PRIOR TO PERFORMING WORK.

CONSTRUCTION NOTES

CD1 PROTECT EXISTING DRIVEWAY.
CD2 SAWCUT WITH 1'HMA (TYPE A) BACKFILL.
CD3 REMOVE FENCE.

C1 NON-MOTORIZED PATHWAY.
C2 CURB RAMP PER CALTRANS STD. PLAN A88A AND A88B.
C3 4' CHAIN LINK FENCE PER CALTRANS STD. PLAN A85.

PD1 REMOVE STRIPE OR MARKING.

P1 24" x LANE WIDTH WHITE THERMOPLASTIC MARKING.

P2 RAILROAD CROSSING WHITE THERMOPLASTIC MARKING PER CALTRANS STD. PLAN A24B.

P3 10" WHITE THERMOPLASTIC CONTINENTAL CROSSWALK PER CALTRANS STD. PLAN A24F.

P4 12" x LANE WIDTH WHITE PAINT MARKING.

P5 *STOP* WHITE PAINT MARKING PER CALTRANS STD. PLAN A24D (1/2 SCALE).

P6 4" YELLOW PAINT STRIPE.

P7 *STOP* WHITE THERMOPLASTIC MARKING PER CALTRANS STD. PLAN A24D.

P8 THERMOPLASTIC WHITE YIELD LANE PAVEMENT MARKING PER CALTRANS STD. PLAN A24E.

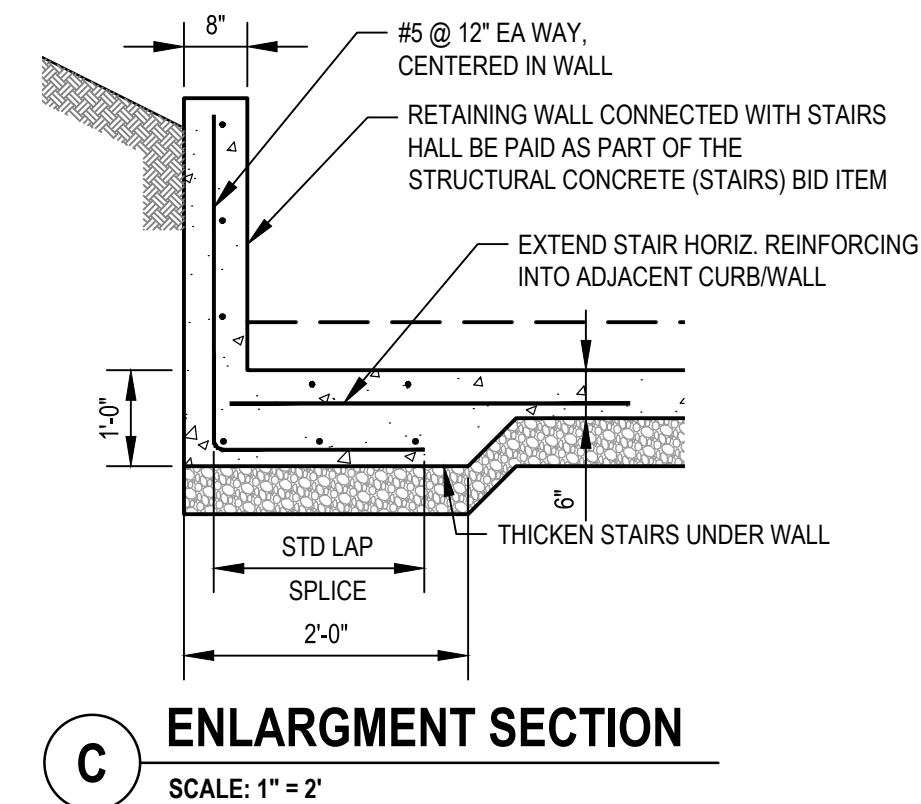
SD1 REMOVE SIGN.
SD2 RELOCATE SIGN.
SD3 PROTECT SIGN IN PLACE.

S1 ROADSIDE SIGN PER CITY OF UKIAH STD. PLAN 120.
S2 RECTANGULAR RAPID FLASHING BEACON, SEE ELECTRICAL PLANS.

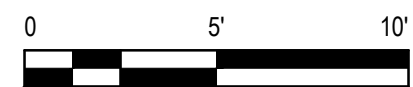
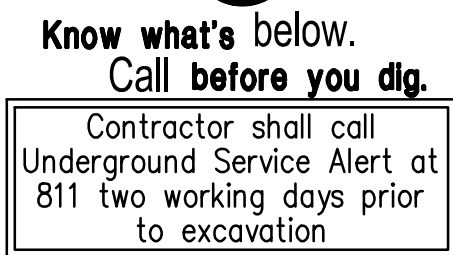
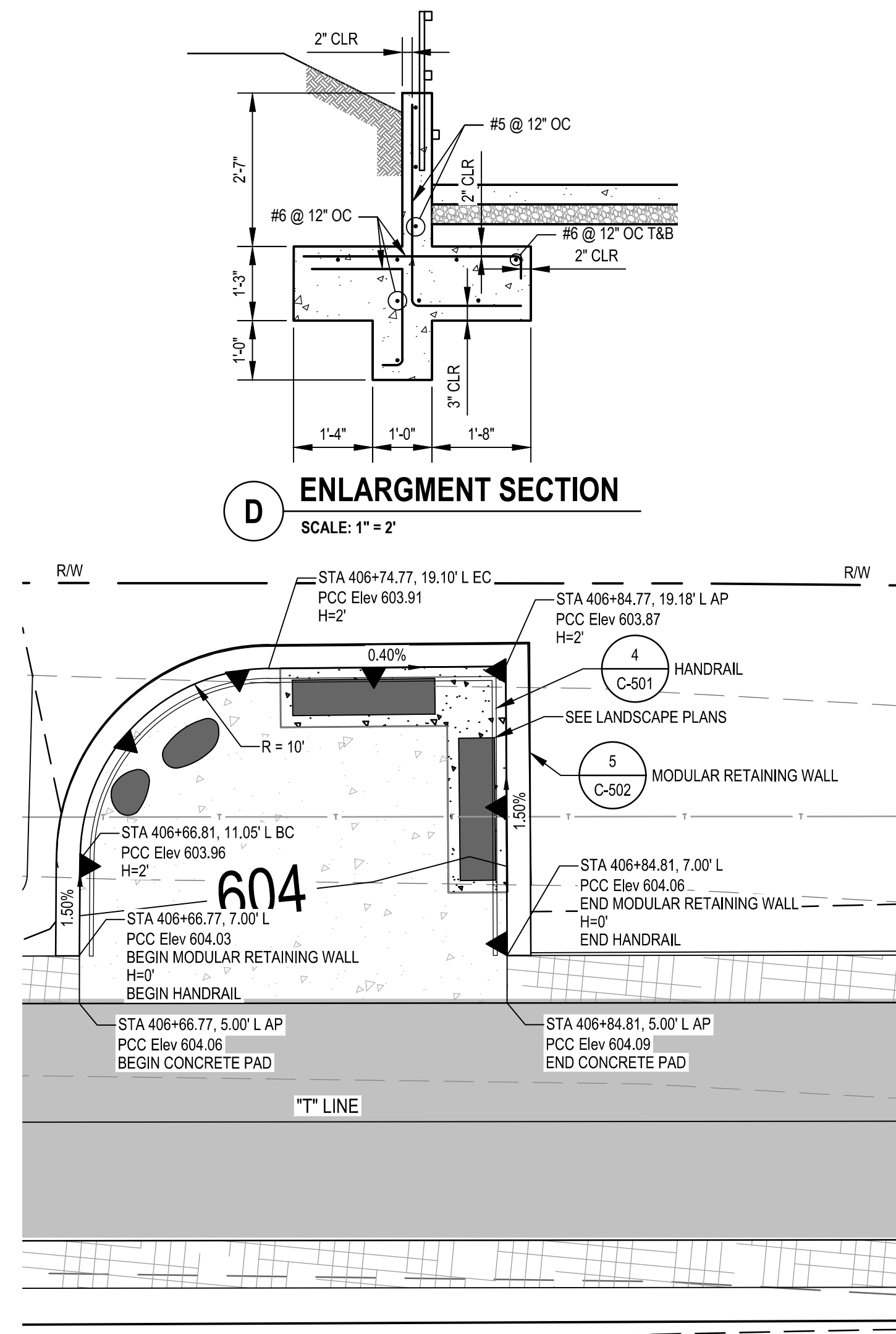
UD1 PROTECT UTILITY IN PLACE.
UD2 REMOVE METER.
UD3 RELOCATE UTILITY MARKER.

RD1 PROTECT EXISTING EQUIPMENT IN PLACE.
RD2 REMOVE CIL.

					Bar is one inch on original size sheet 0 1"			 GHD Inc. 2235 Mercury Way Suite 150 Santa Rosa California 95407 USA T 1 707 523 1010 F 1 707 527 8679 www.ghd.com  www.ghd.com	Client CITY OF UKIAH		Title GRADE CROSSING PLAN - PLANT RD ADD ALTERNATIVE		Size ANSI D	
									Project THE GREAT REDWOOD TRAIL PHASE 4					
No.	Issue			Checked	Approved	Date								
Author	H. DAAS			Drafting Check	E. FANSELAU	Project Manager	E. FANSELAU							
Designer	H. DAAS			Design Check	E. FANSELAU	Project Director	M. KENNEDY							
							12/21/2022							
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							Conditions of Use		Project No. 12557341		Date SEP 30, 2022		Scale 1" = 20'	
									Sheet No. C-404		Sheet 35 of 96			



- | SHEET GENERAL NOTES | |
|---|---|
| 1. | LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM INFORMATION AVAILABLE AT THE TIME OF DESIGN. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY THE OWNER AND UNDERGROUND SERVICES ALERT (U.S.A.) (800) 277-2600 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION. CONTRACTOR TO VERIFY ACTUAL SITE CONDITIONS PRIOR TO PERFORMING WORK. |
| SHEET KEYNOTES | |
| 1. | SAWCUT EXISTING SIDEWALK OR ASPHALT PAVEMENT. |
| 2. | (N) DETECTABLE WARNING PER CALTRANS STANDARD DRAWING A88A. |
| LEGEND | |
|  | AREA TO BE DEMOLISHED |
|  | LANDING |



No.	Issue		Checked	Approved
Author	H. DAAS	Drafting Check	E. FANSELAU	Project Manager
Designer	H. DAAS	Design Check	E. FANSELAU	Project Director
				M. KENNEDY

Bar is one inch on original size sheet

0  1"



12/21/2022



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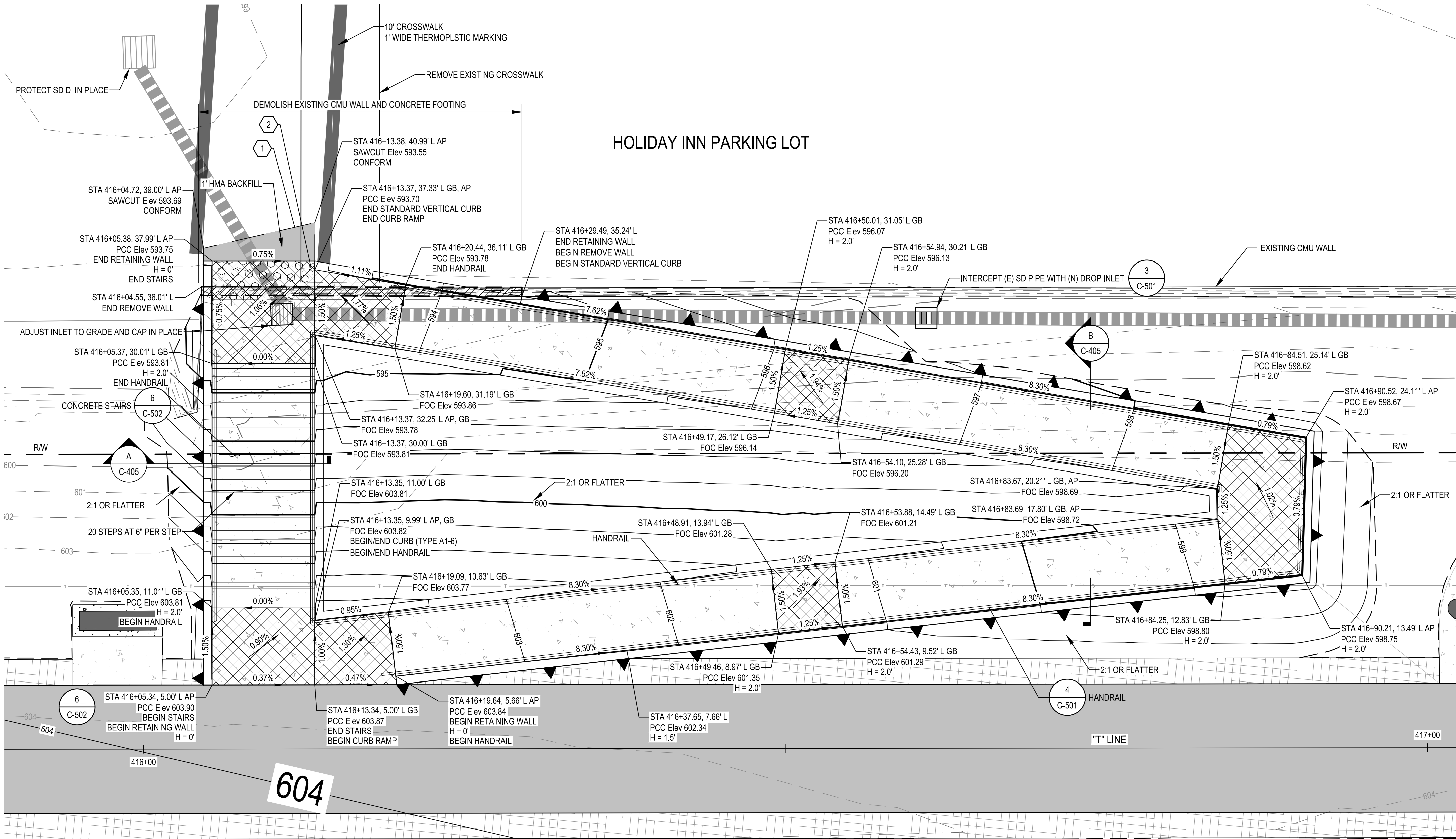
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Project **THE GREAT REDWOOD TRAIL PHASE 4**

Project No.	12557341
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Date
SEP 30, 2022

Sheet No. **C-405** Sheet **36 of 96**



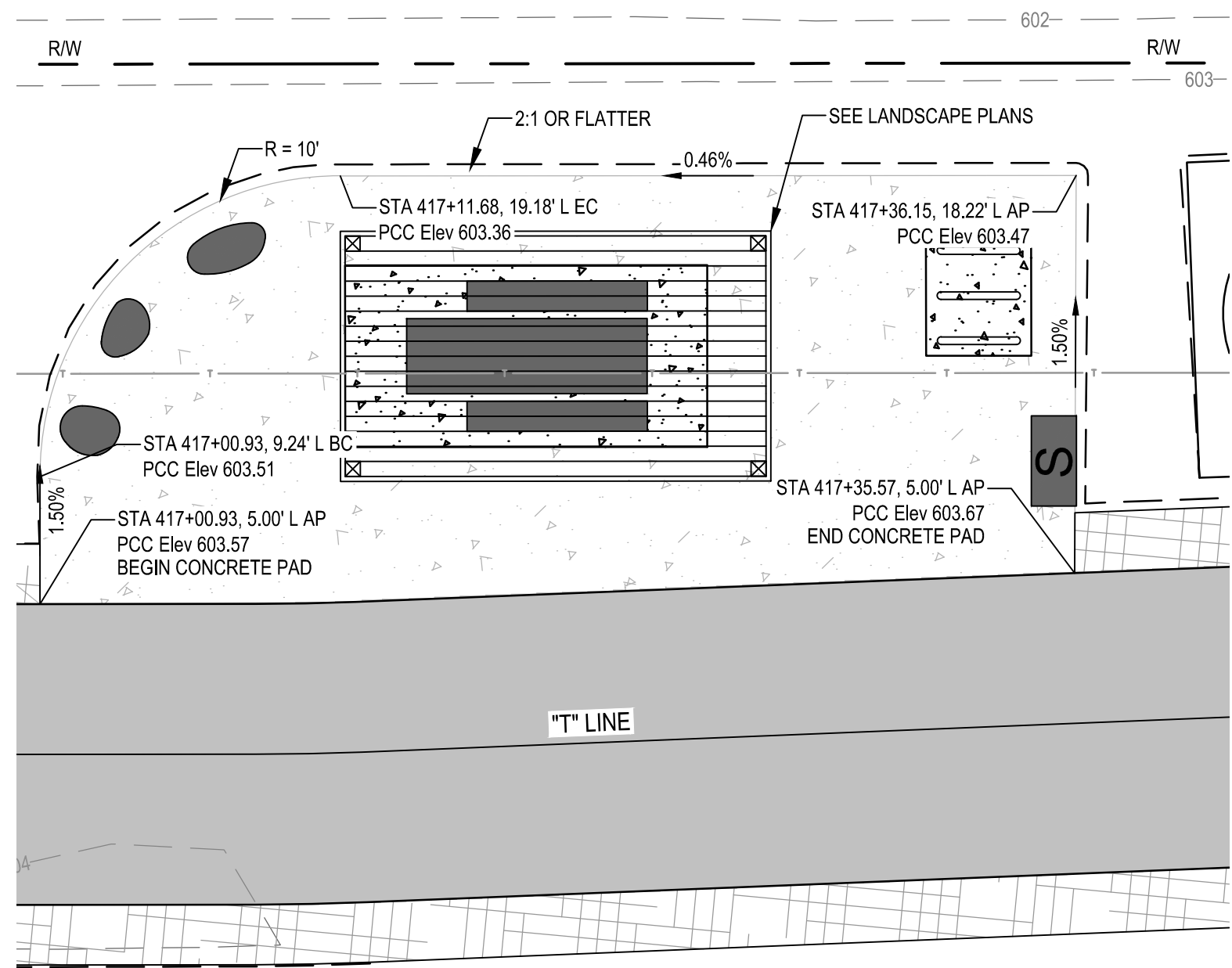
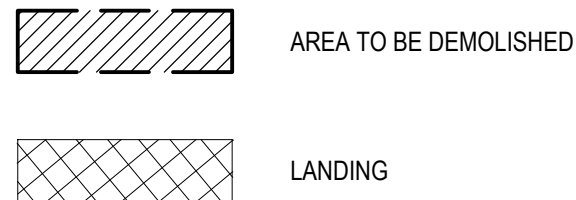
SHEET GENERAL NOTES

- LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM INFORMATION AVAILABLE AT THE TIME OF DESIGN. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY THE OWNER AND UNDERGROUND SERVICES ALERT (U.S.A.) (800) 277-2600 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION. CONTRACTOR TO VERIFY ACTUAL SITE CONDITIONS PRIOR TO PERFORMING WORK.

SHEET KEYNOTES

- SAWCUT EXISTING SIDEWALK OR ASPHALT PAVEMENT.
- (N) DETECTABLE WARNING PER CALTRANS STANDARD DRAWING A88A.

LEGEND

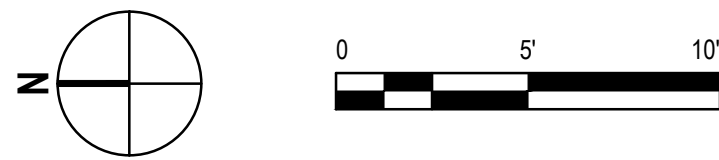


Know what's below.
Call before you dig.

Contractor shall call
Underground Service Alert at
811 two working days prior
to excavation

PEDESTRIAN TRAIL CONNECTION 2

SCALE: 1" = 5'



CONCRETE PAD GRADING

SCALE: 1" = 5'



No.	Issue	Checked	Approved	Date
Author	H. DAAS	Drafting Check	E. FANSELAU	
Designer	H. DAAS	Design Check	E. FANSELAU	
		Project Manager	E. FANSELAU	
		Project Director	M. KENNEDY	

Bar is one inch on
original size sheet

0 1"



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Client **CITY OF UKIAH**

Project **THE GREAT REDWOOD TRAIL PHASE 4**

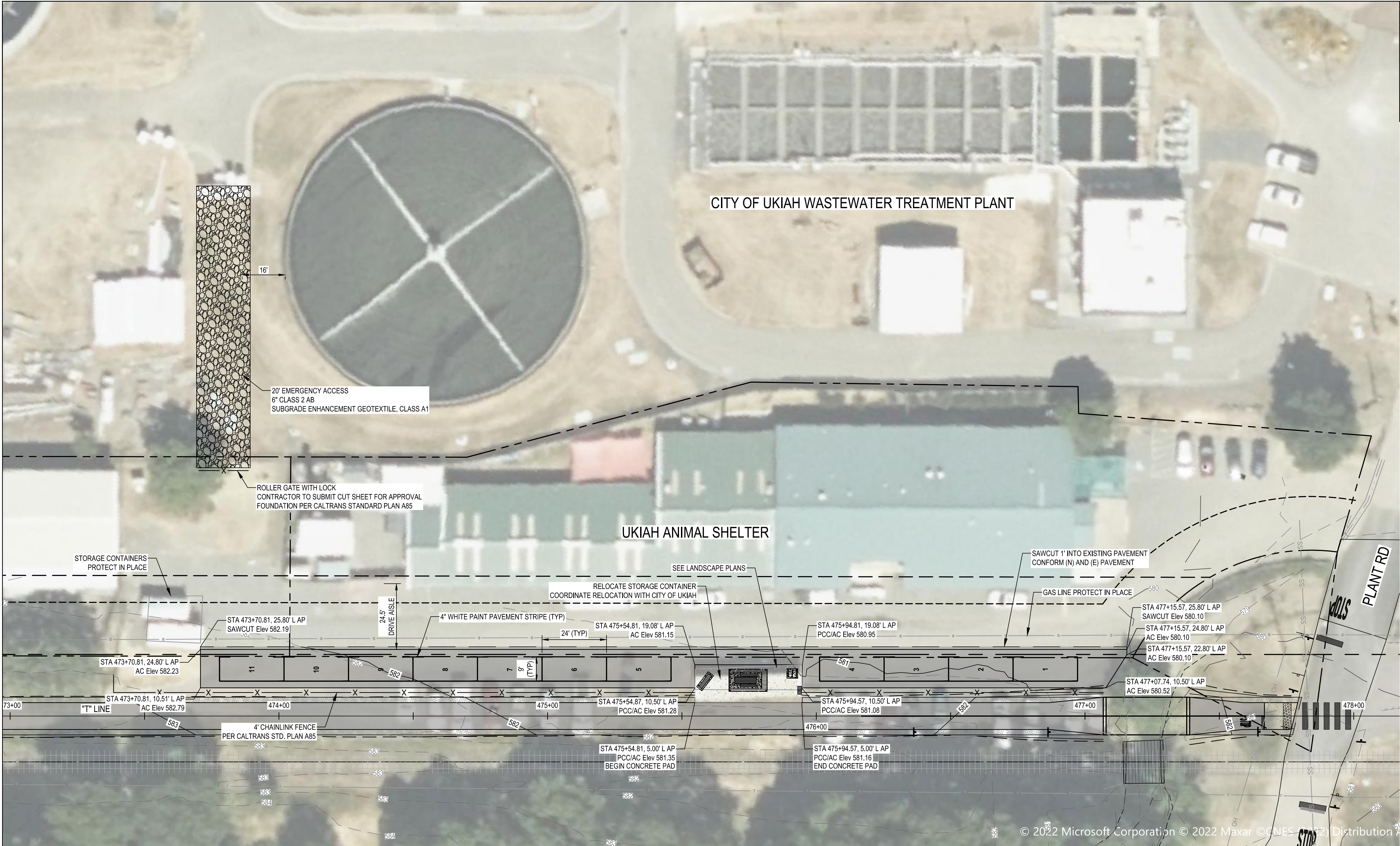
Project No.
12557341

Date
SEP 30, 2022

Scale
1" = 5'

Title **PEDESTRIAN TRAIL CONNECTION
2**

Sheet No.
C-406
Sheet
37 of 96



- SHEET GENERAL NOTES
1.

LOCATION OF EXISTING UTILITIES AND STRUCTURES ARE FROM INFORMATION AVAILABLE AT THE TIME OF DESIGN. EXACT LOCATION AND COMPLETENESS ARE NOT GUARANTEED. CONTRACTOR SHALL NOTIFY THE OWNER AND UNDERGROUND SERVICES ALERT (U.S.A.) (800) 277-2600 A MINIMUM OF 48 HOURS PRIOR TO ANY EXCAVATION. CONTRACTOR TO VERIFY ACTUAL SITE CONDITIONS PRIOR TO PERFORMING WORK.
2.

CONTRACTOR MUST COORDINATE WITH ANIMAL SHELTER TO MAINTAIN ACCESS TO FACILITY DURING CONSTRUCTION.

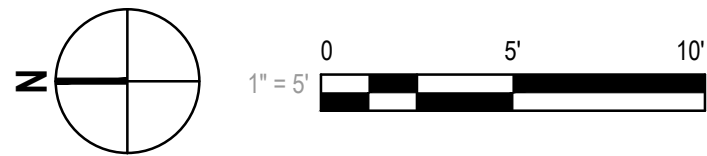
811

Know what's below.
Call before you dig.

Contractor shall call
Underground Service Alert at
811 two working days prior
to excavation

PARKING LOT AT UKIAH ANIMAL SHELTER ADD ALTERNATIVE

SCALE: 1" = 20'



No.	Issue	Checked	Approved	Date
Author	C. PHELPS	Drafting Check	H. DAAS	Project Manager
Designer	C. PHELPS	Design Check	E. FANSELAU	Project Director
			M. KENNEDY	

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0 1"

REGISTERED PROFESSIONAL ENGINEER
CIVIL
No. C64814
STATE OF CALIFORNIA
E. FANSELAU

12/21/2022

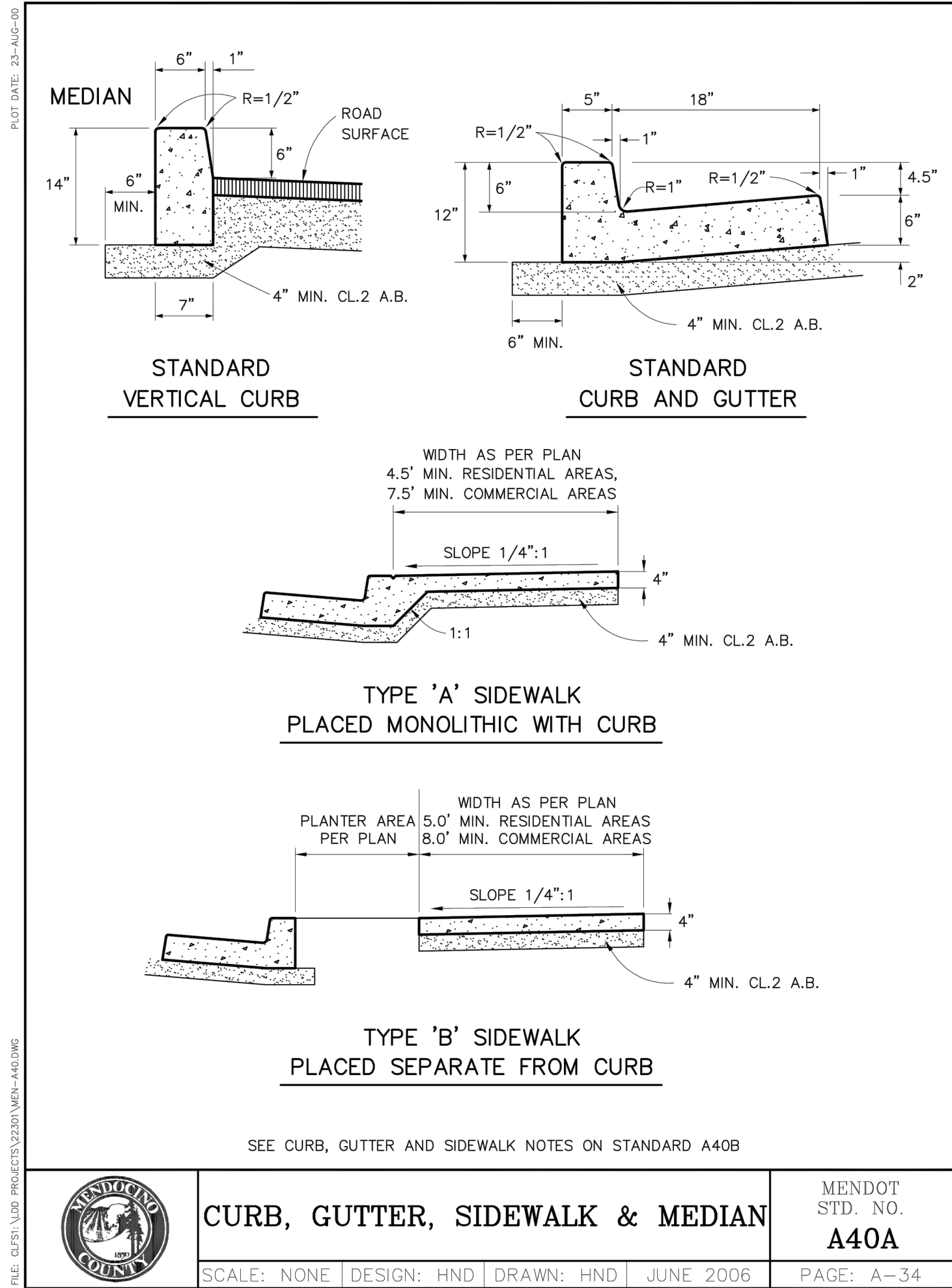
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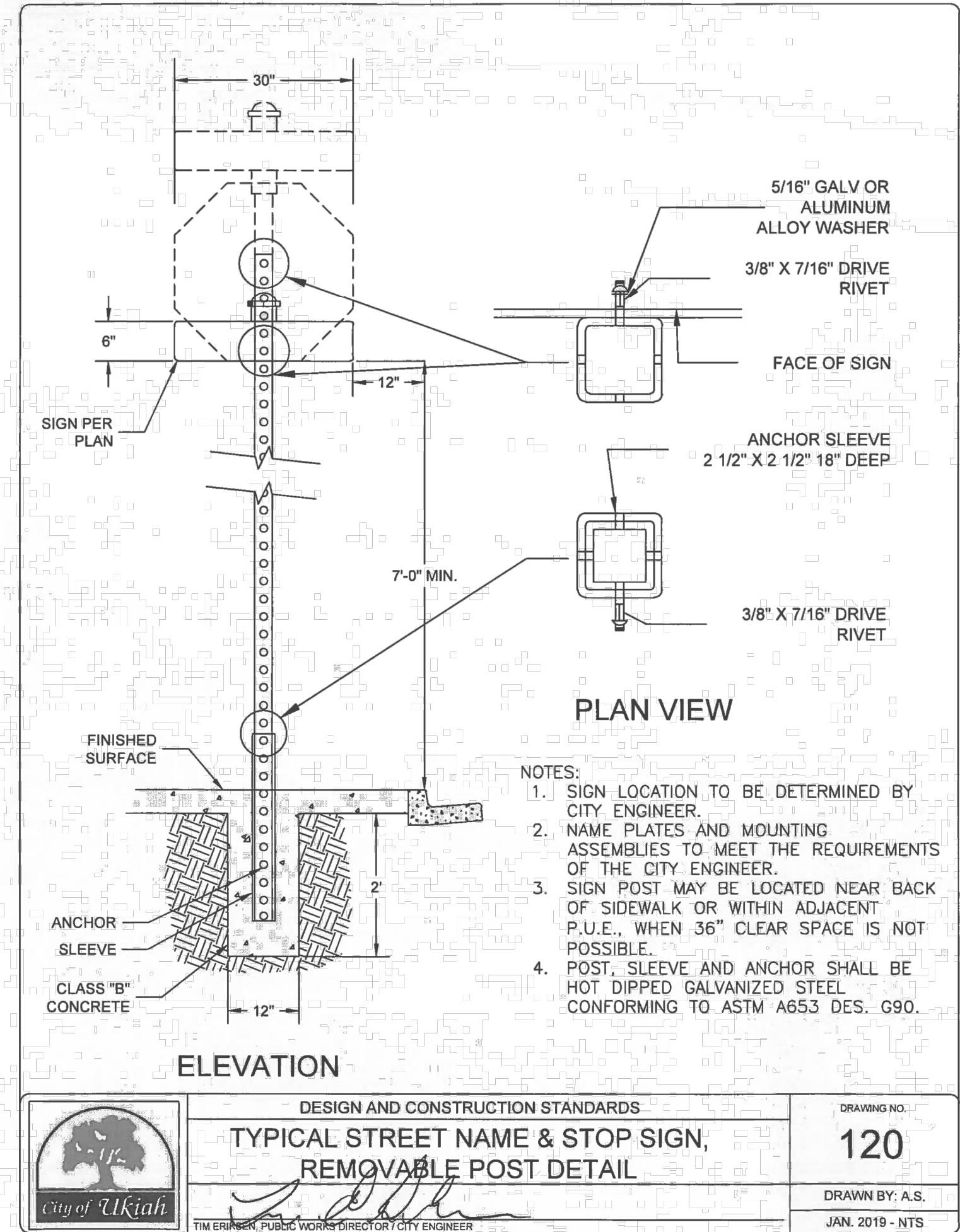
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Client	CITY OF UKIAH
Project	THE GREAT REDWOOD TRAIL PHASE 4
Project No.	12557341
Date	SEP 30, 2022
Scale	1" = 20'

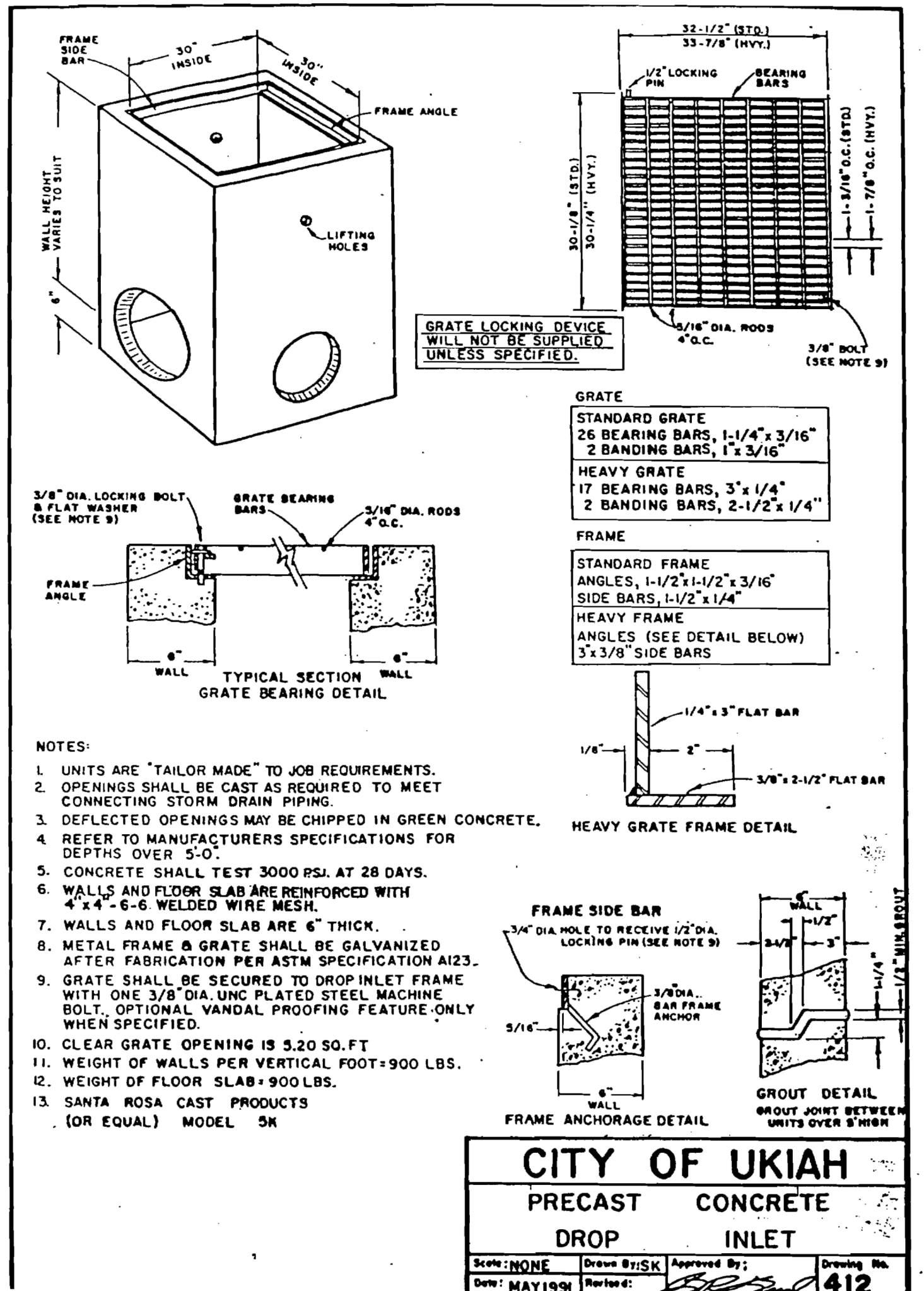
Title	PARKING LOT AT UKIAH ANIMAL SHELTER ADD ALTERNATIVE
Size	ANSI D
Sheet No.	C-407
Sheet	38 of 96



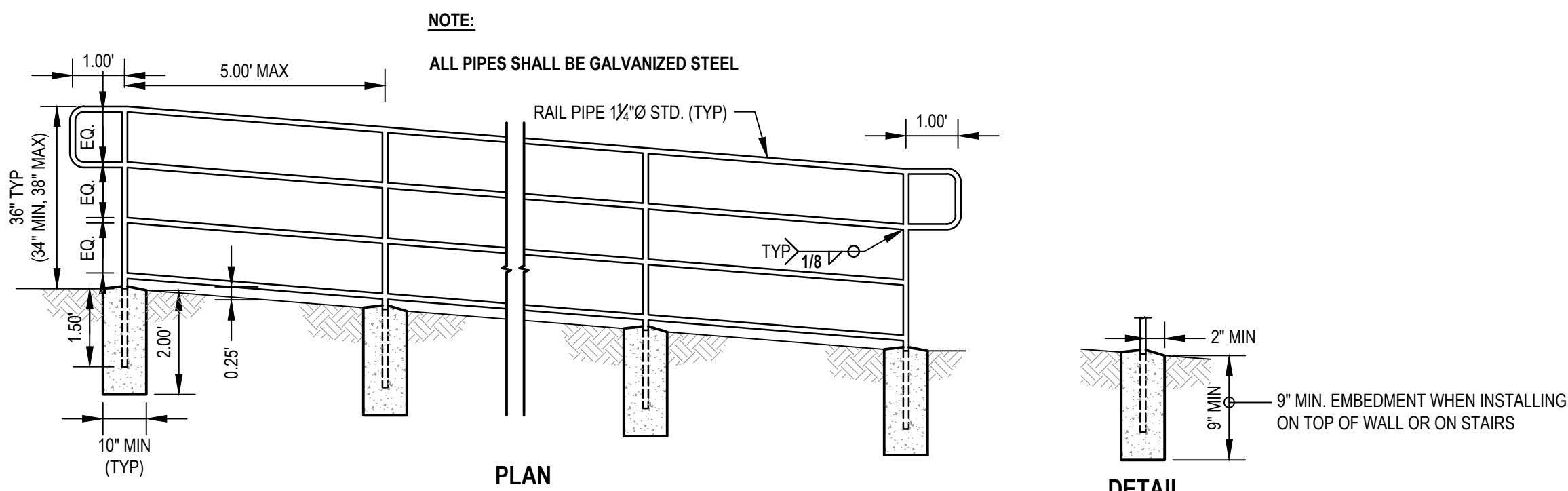
1 **STANDARD VERTICAL CURB**
SCALE: NTS



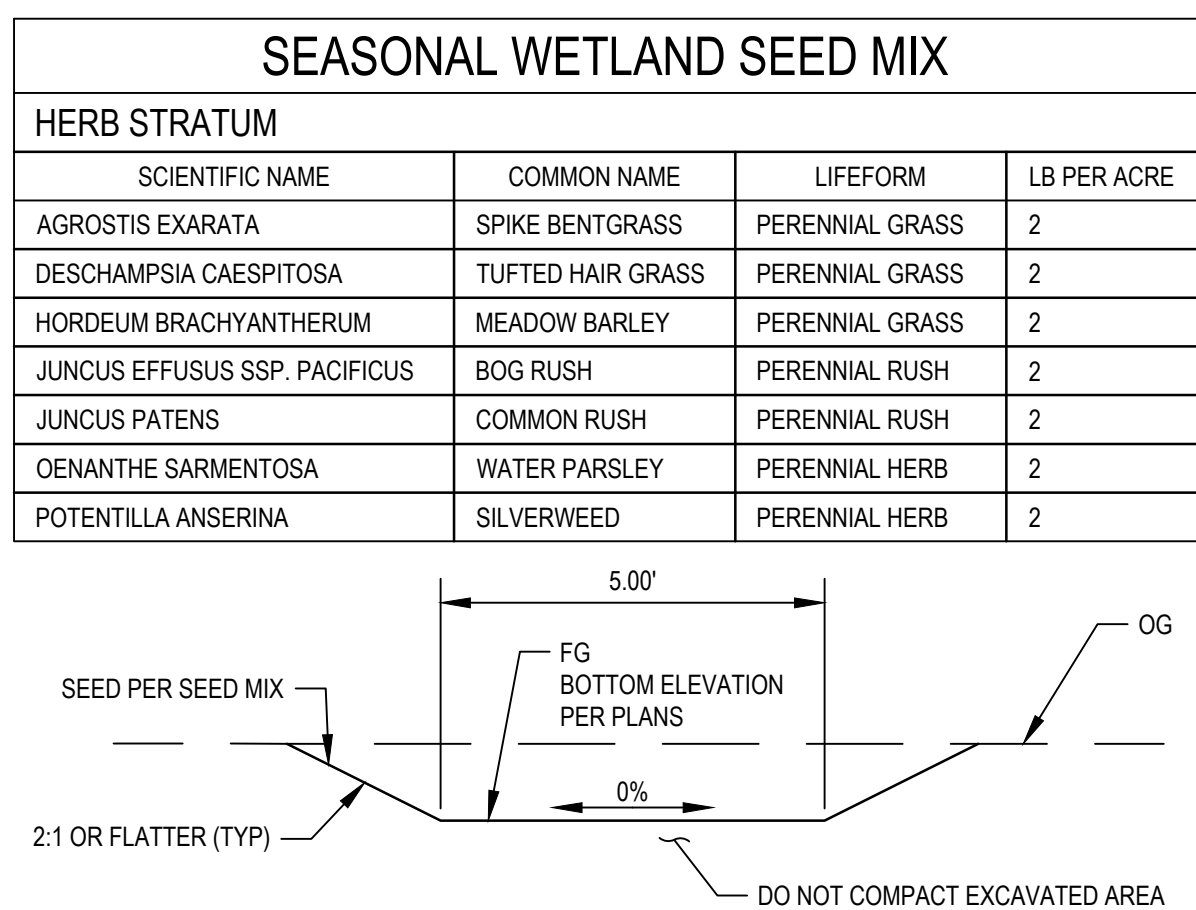
2 **SIGN STANDARD**
SCALE: NTS



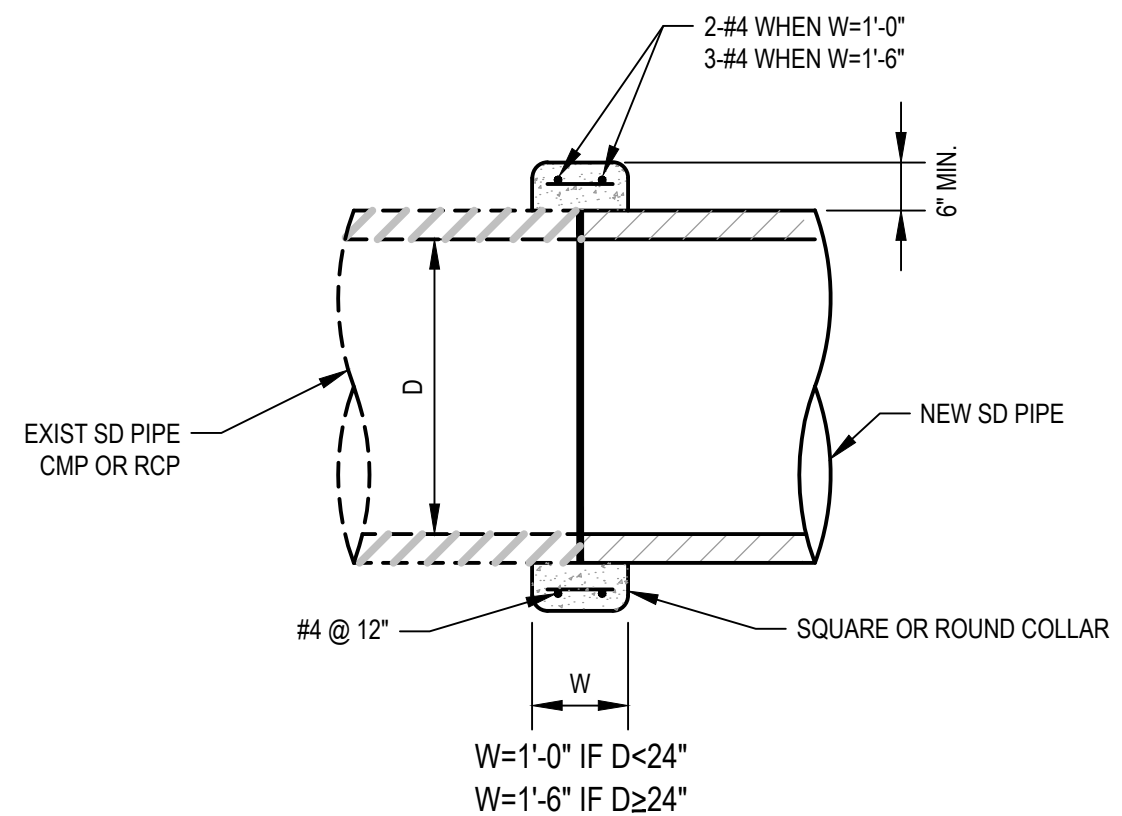
3 **DROP INLET**
SCALE: NTS



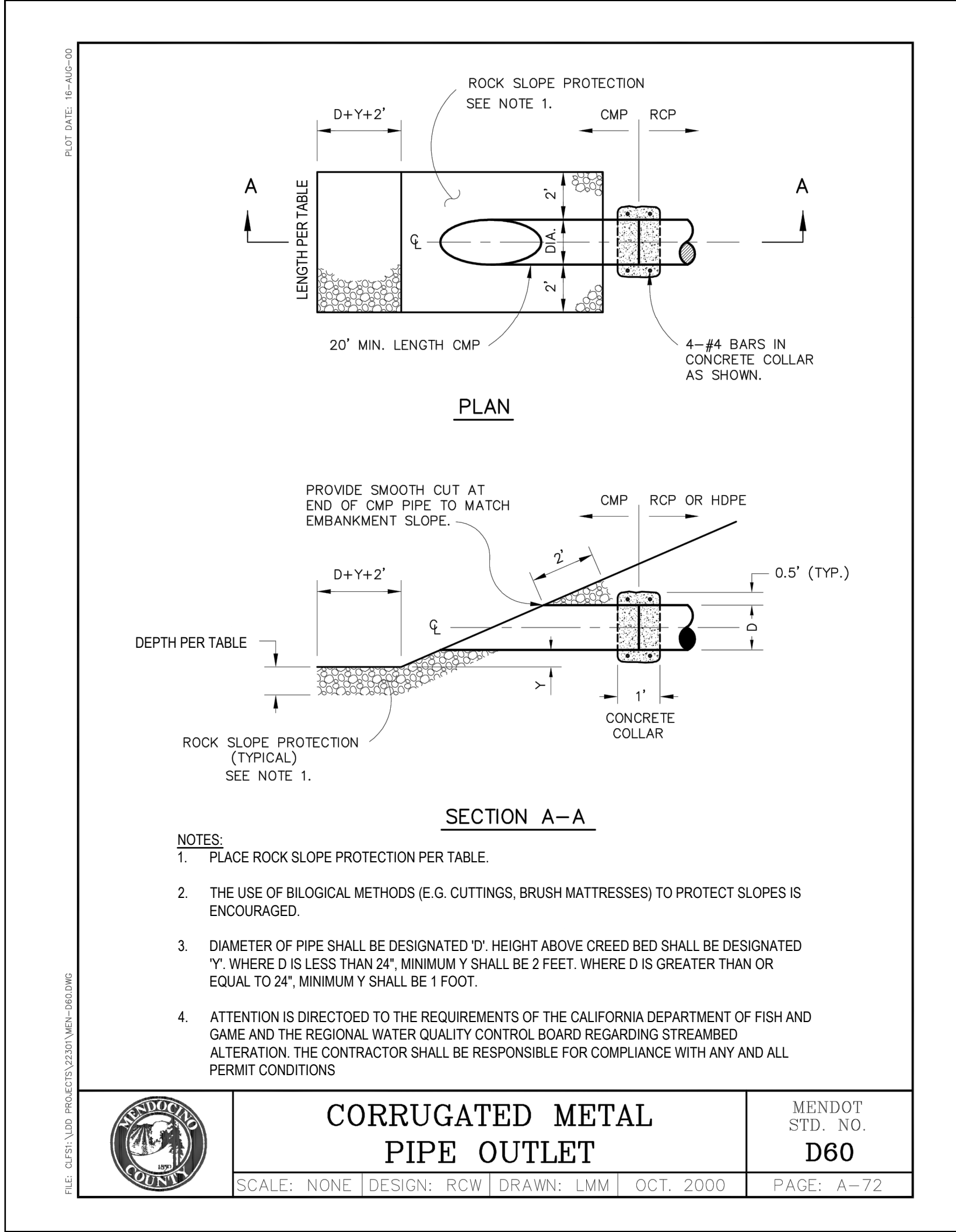
4 **HANDRAIL**
SCALE: NTS



5 **WETLAND GRADING**
SCALE: NTS



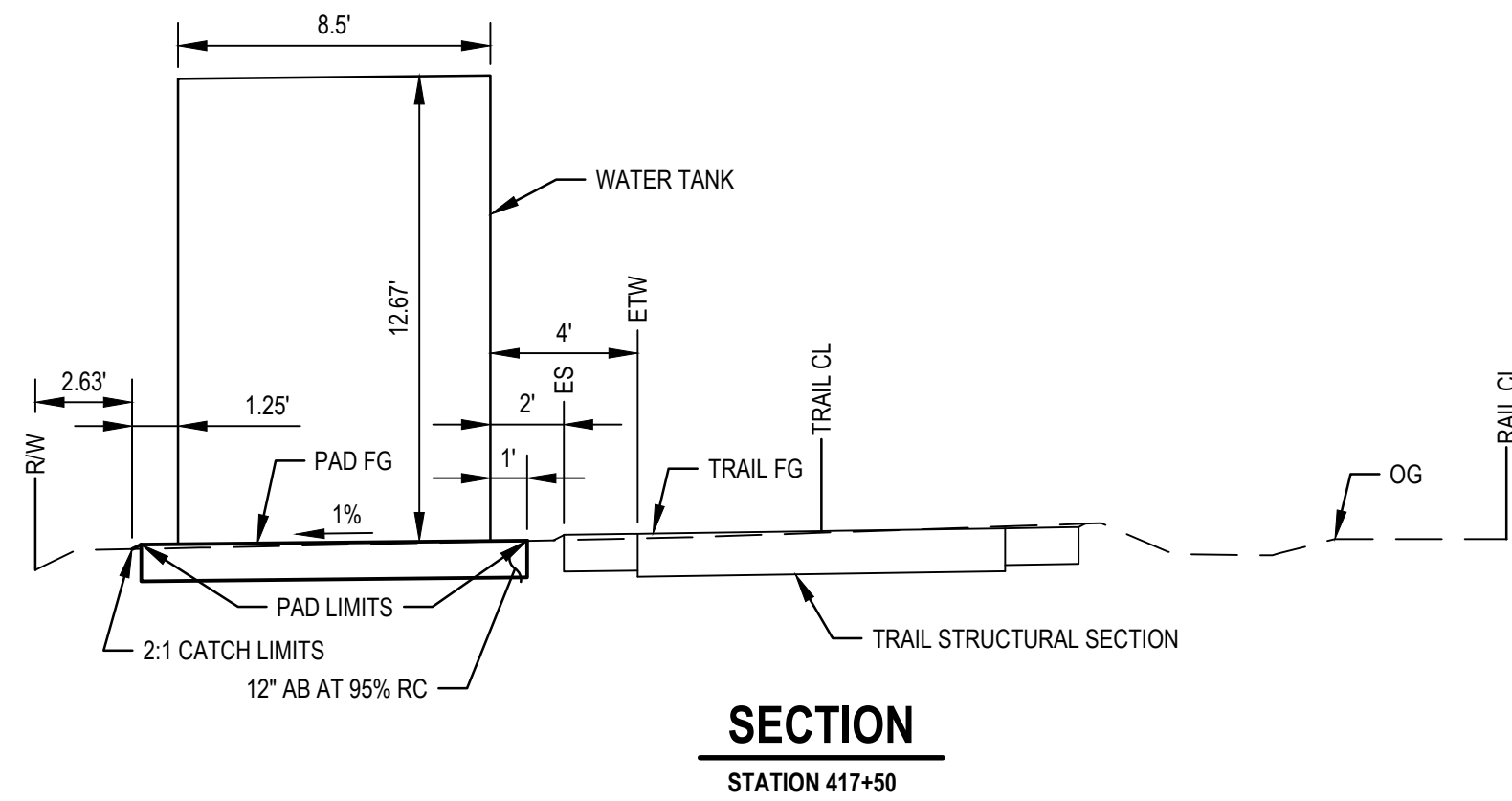
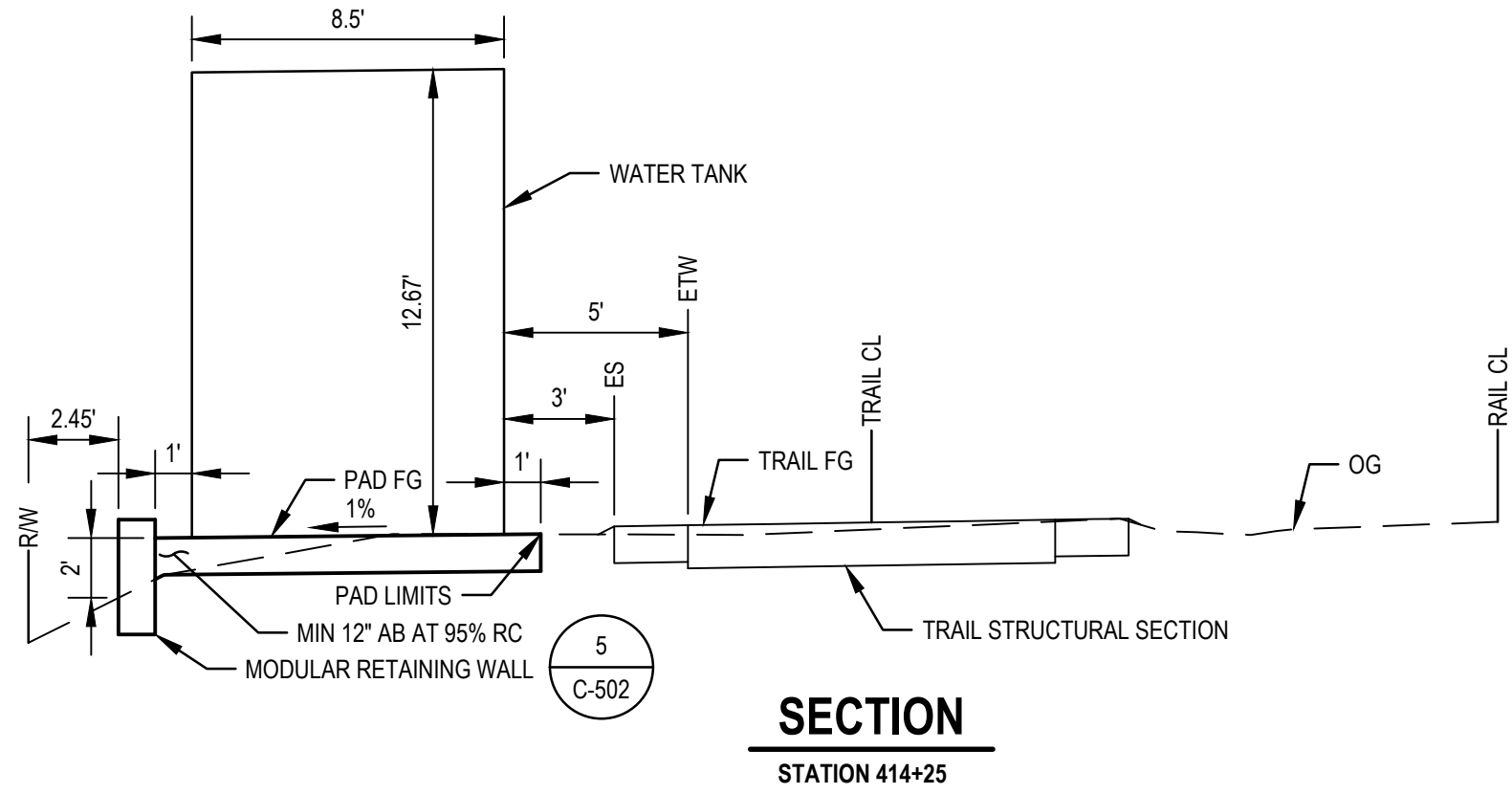
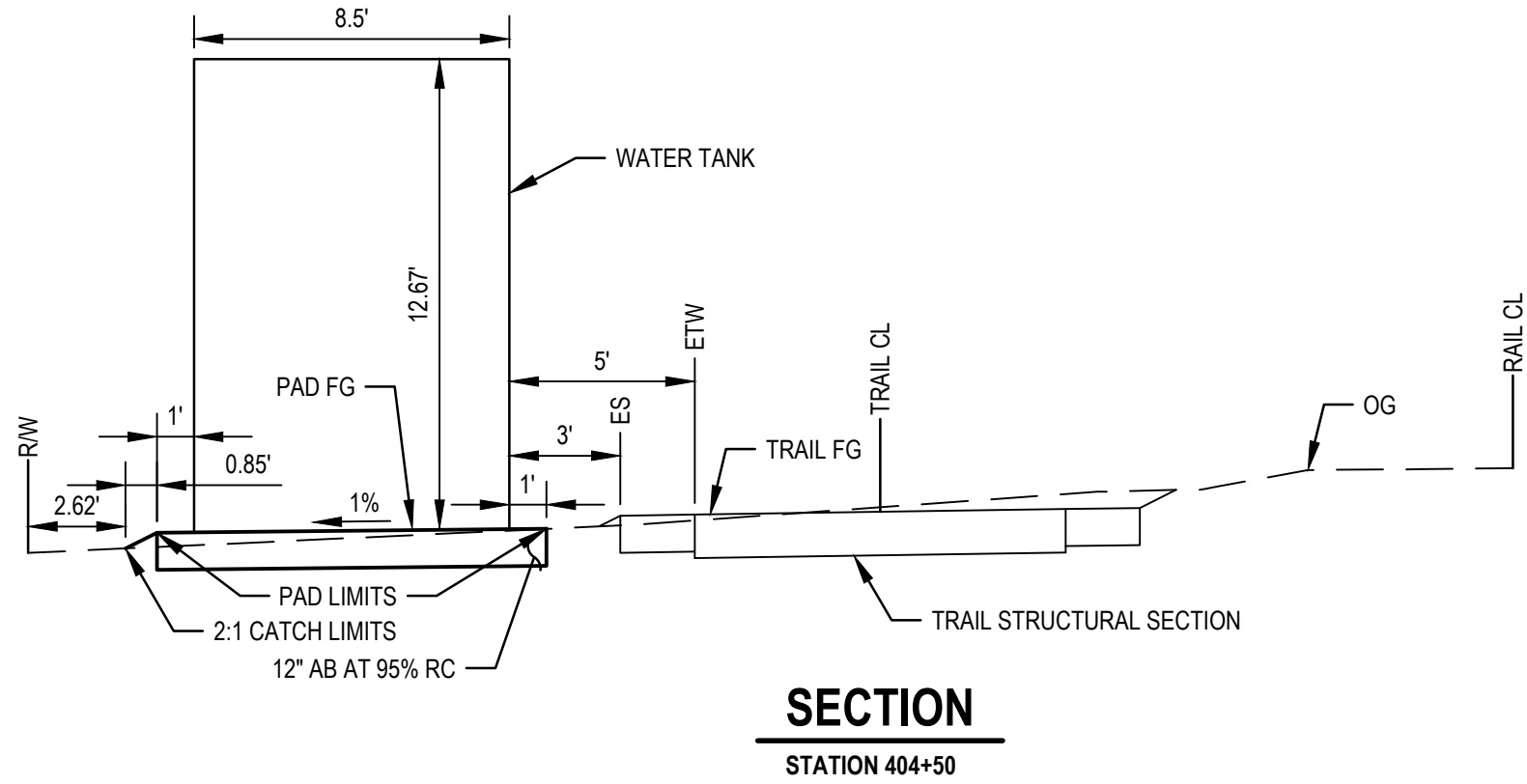
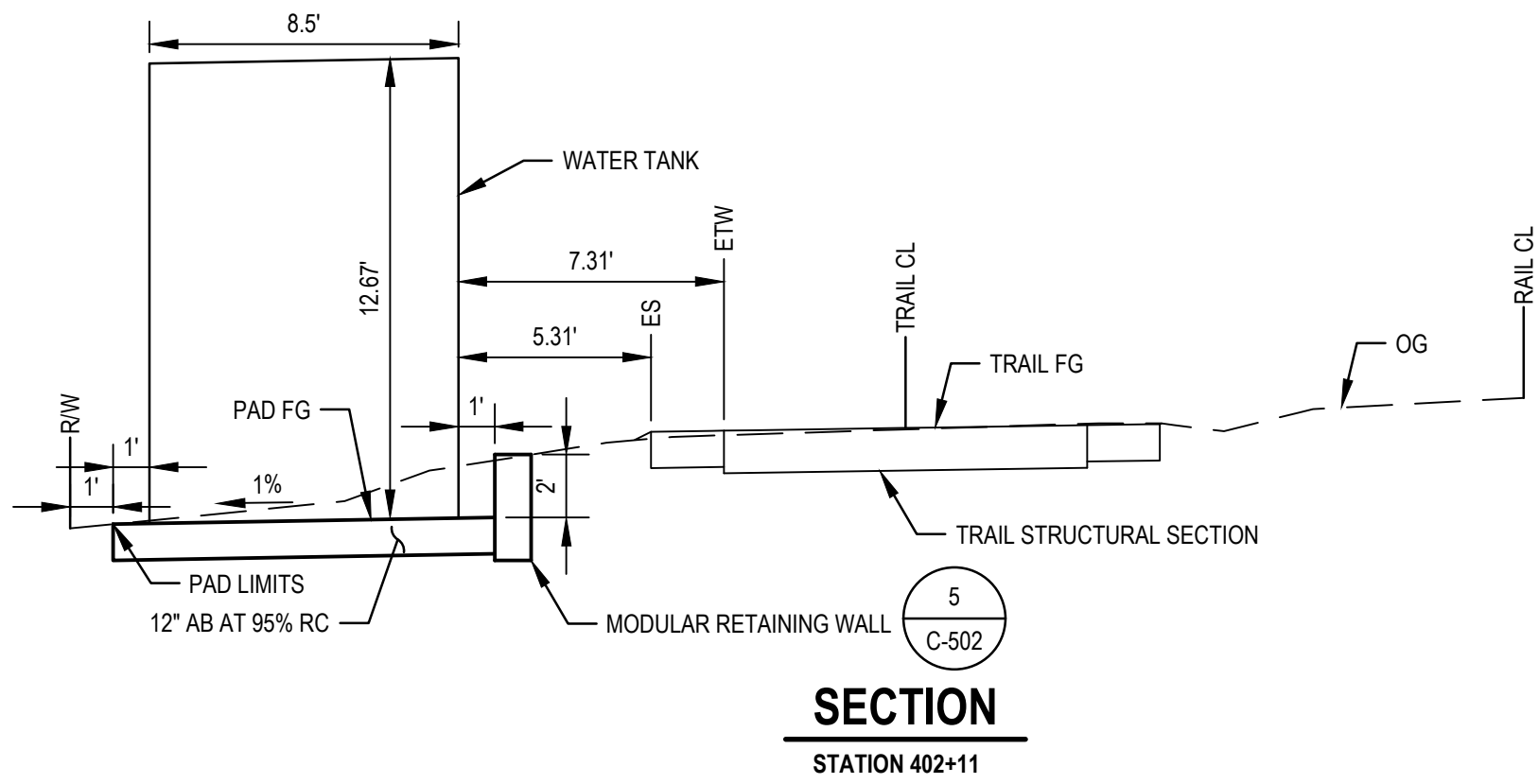
6 **CONCRETE COLLAR**
SCALE: NTS



ROCK SLOPE DIMENSIONS			
CULVERT SIZE D (INCHES)	RIPRAP CLASS	LENGTH OF APRON L (FEET)	DEPTH OF APRON H (FEET)
12	2	6	1.5
18	2	8	1.5
24	2	10	1.5
30	3	14.5	2
36	3	17	2
42	4	23	2.5
48	4	26	2.5

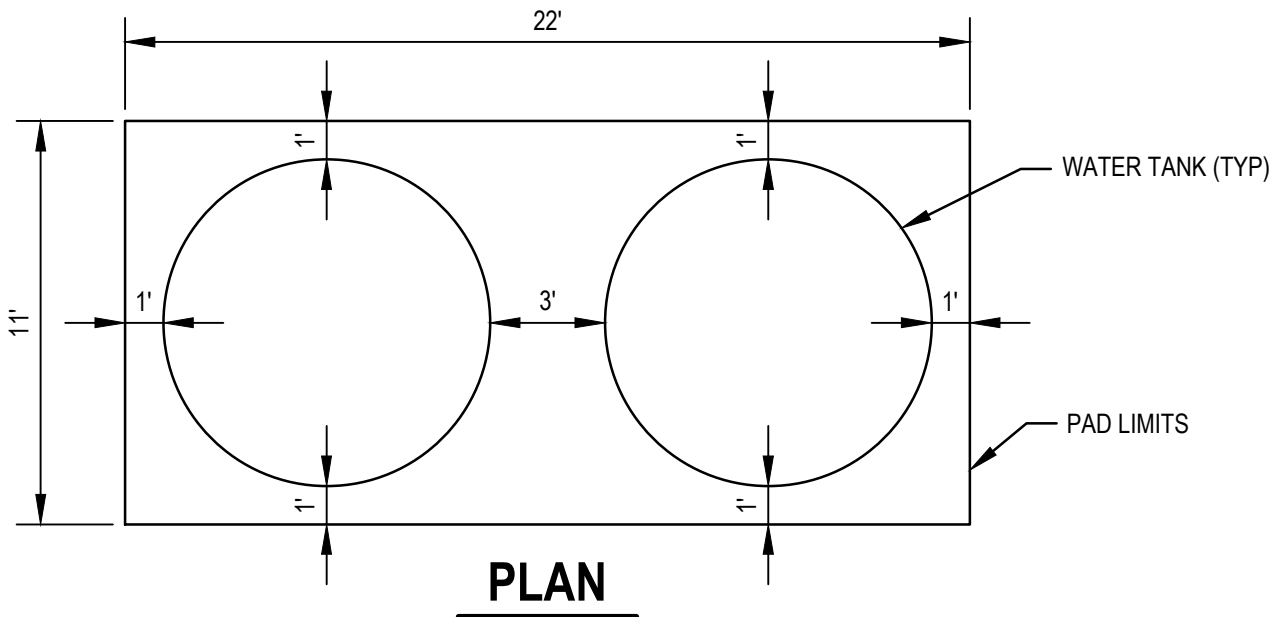
1 ROCK SLOPE PROTECTION

SCALE: NTS



NOTE:

WATER TANK SHOULD BE 5000 GALLON CAPACITY 8.5 FT IN DIAMETER. CONTRACTOR TO SUBMIT FOR APPROVAL.



2 WATER TANK

SCALE: NTS

1 WATER TANK			
No.	Issue	Checked	Approved
Author	H. DAAS	Drafting Check	E. FANSELAU
Designer	H. DAAS	Design Check	E. FANSELAU
		Project Manager	E. FANSELAU
		Project Director	M. KENNEDY

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Client CITY OF UKIAH

Project THE GREAT REDWOOD TRAIL PHASE 4

Project No. 12557341

Date SEP 30, 2022

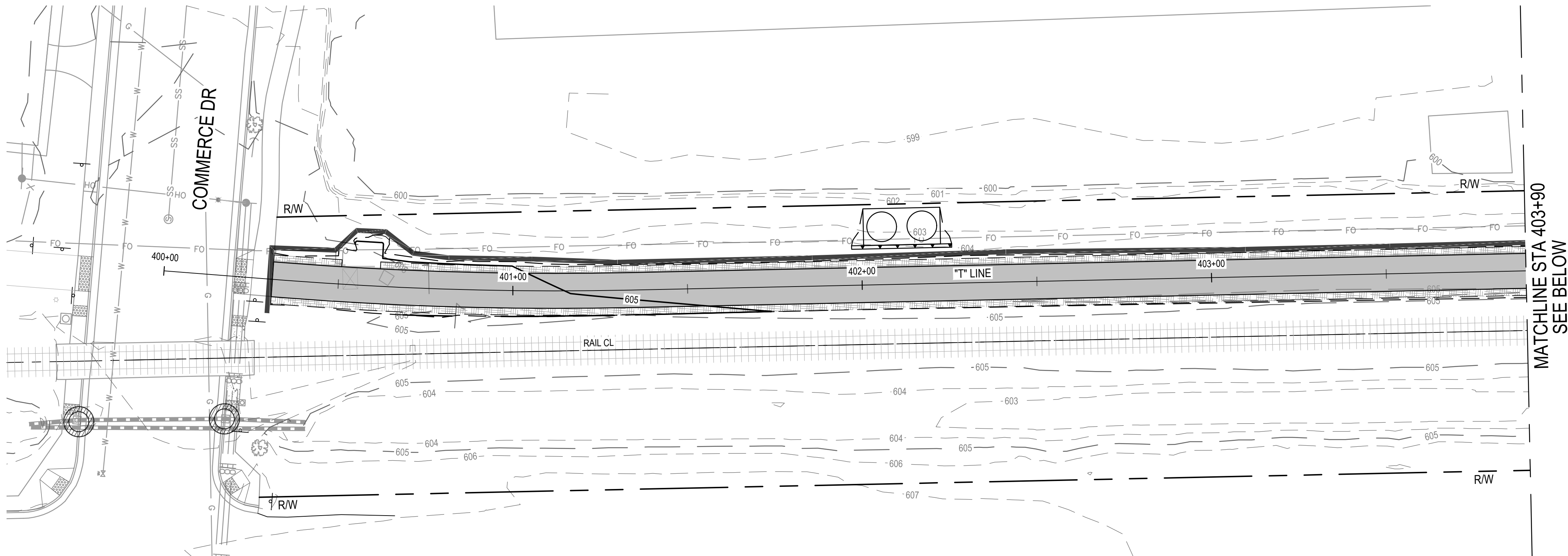
Scale AS NOTED

Title CIVIL DETAILS 3

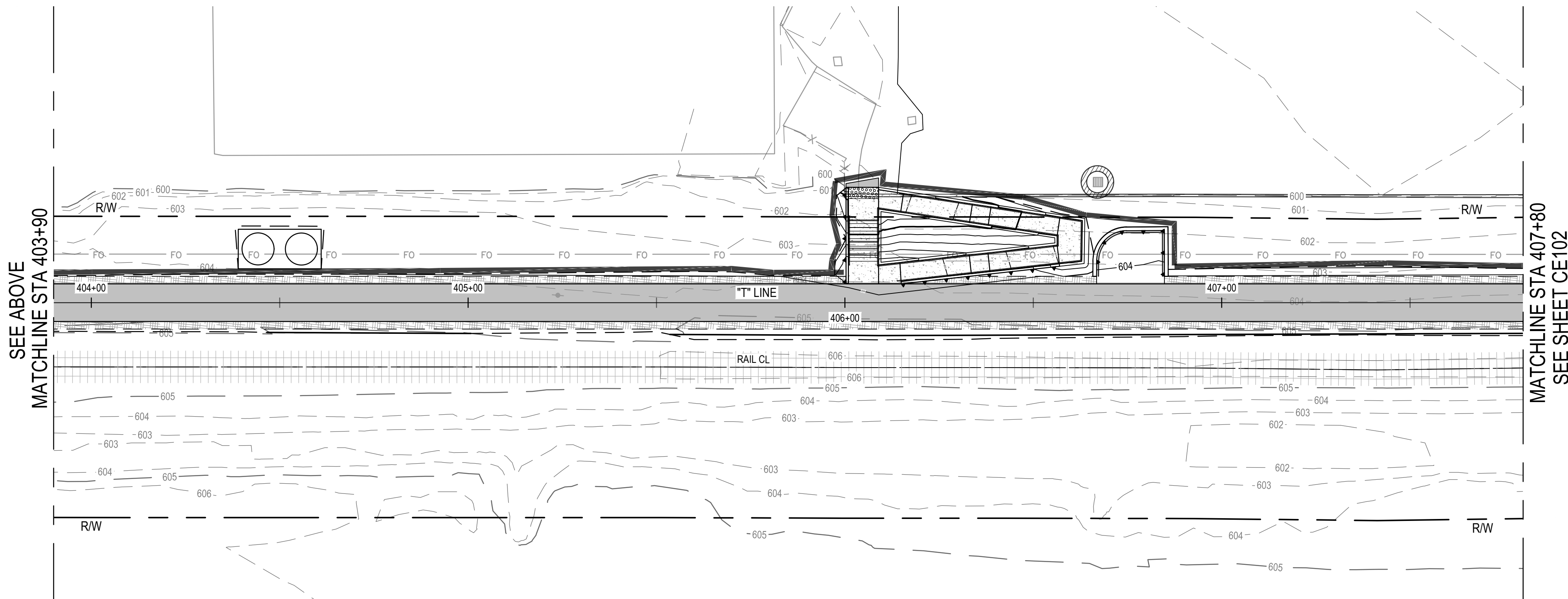
Size ANSI D

Status Code

Sheet No. C-503
Sheet 41 of 96



EROSION CONTROL PLAN



EROSION CONTROL PLAN

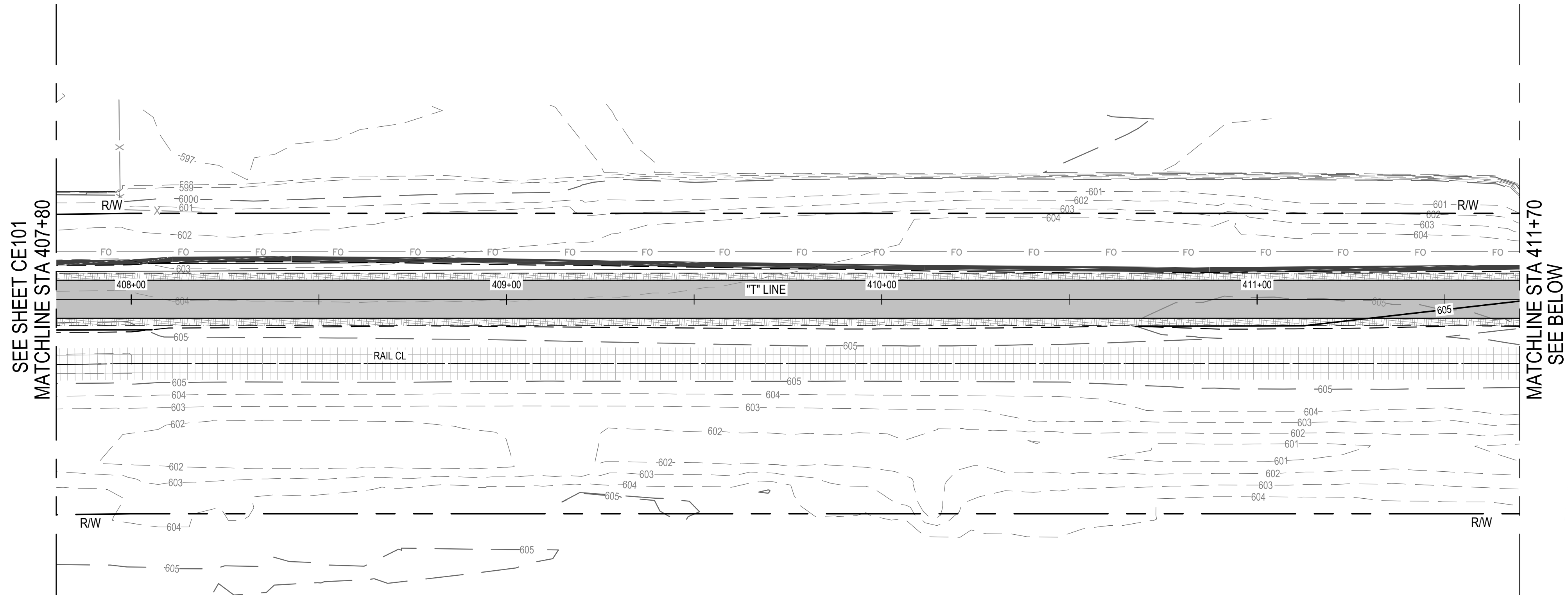
EROSION CONTROL LEGEND	
	TEMPORARY SILT FENCE PER CALTRANS BMP FACT SHEET SC-1
	PLACE TEMPORARY FIBER ROLLS FOR SLOPE PROTECTION DURING CONSTRUCTION PER CALTRANS BMP FACT SHEET SC-5
	STORM DRAIN INLET PROTECTION PER CALTRANS FACT SHEET SC-6
	JUTE BLANKET PER CALTRANS BMP FACT SHEET SS-7
	TEMPORARY TREE PROTECTION FENCING, SEE LANDSCAPE PLAN FOR NOTES
	TEMPORARY ESA WETLAND PROTECTION FENCING
	RIPARIAN AREA TO REMAIN, TO BE PROTECTED
	RIPARIAN AREA TO BE TEMPORARY IMPACT
	RIPARIAN AREA TO BE PERMANENT IMPACT
	WETLAND TO REMAIN, TO BE PROTECTED
	WETLAND OR WATERS TO BE TEMPORARY IMPACT
	WETLAND OR WATERS TO BE PERMANENT IMPACT
	WATERS TO REMAIN, TO BE PROTECTED
	EXISTING TREE TO REMAIN, TO BE PROTECTED
	EXISTING TREE TO BE REMOVED

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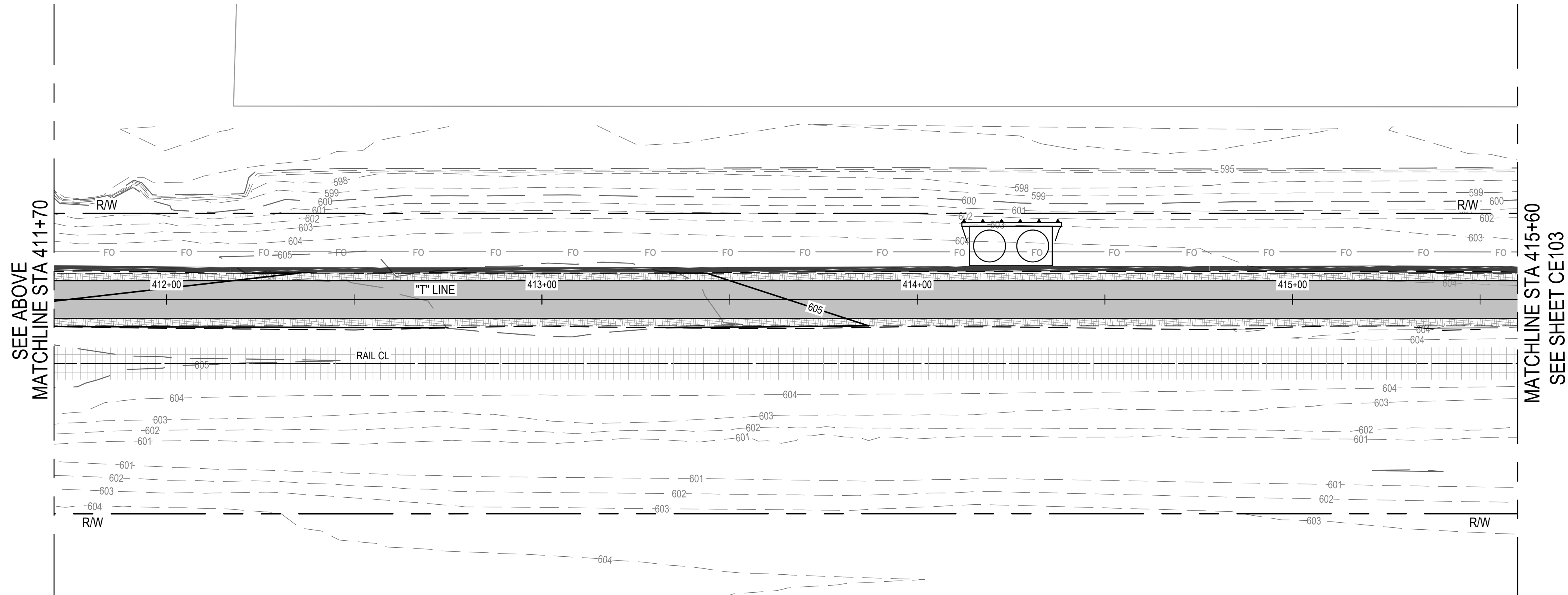
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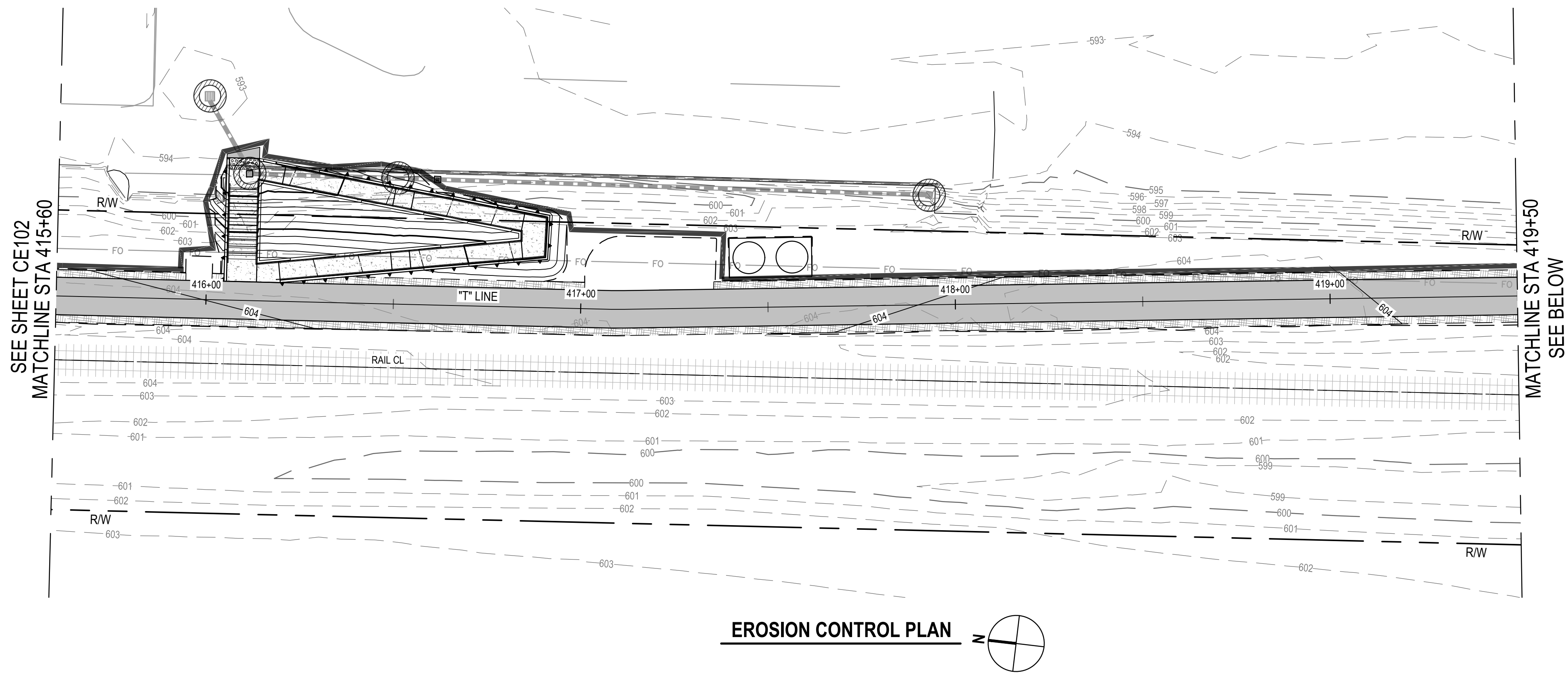
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	RIPARIAN AREA TO BE PERMANENT IMPACT
	WETLAND TO REMAIN, TO BE PROTECTED
	WETLAND OR WATERS TO BE TEMPORARY IMPACT
	WETLAND OR WATERS TO BE PERMANENT IMPACT
	WATERS TO REMAIN, TO BE PROTECTED
	EXISTING TREE TO REMAIN, TO BE PROTECTED
	EXISTING TREE TO BE REMOVED

Know what's below.
Call before you dig.

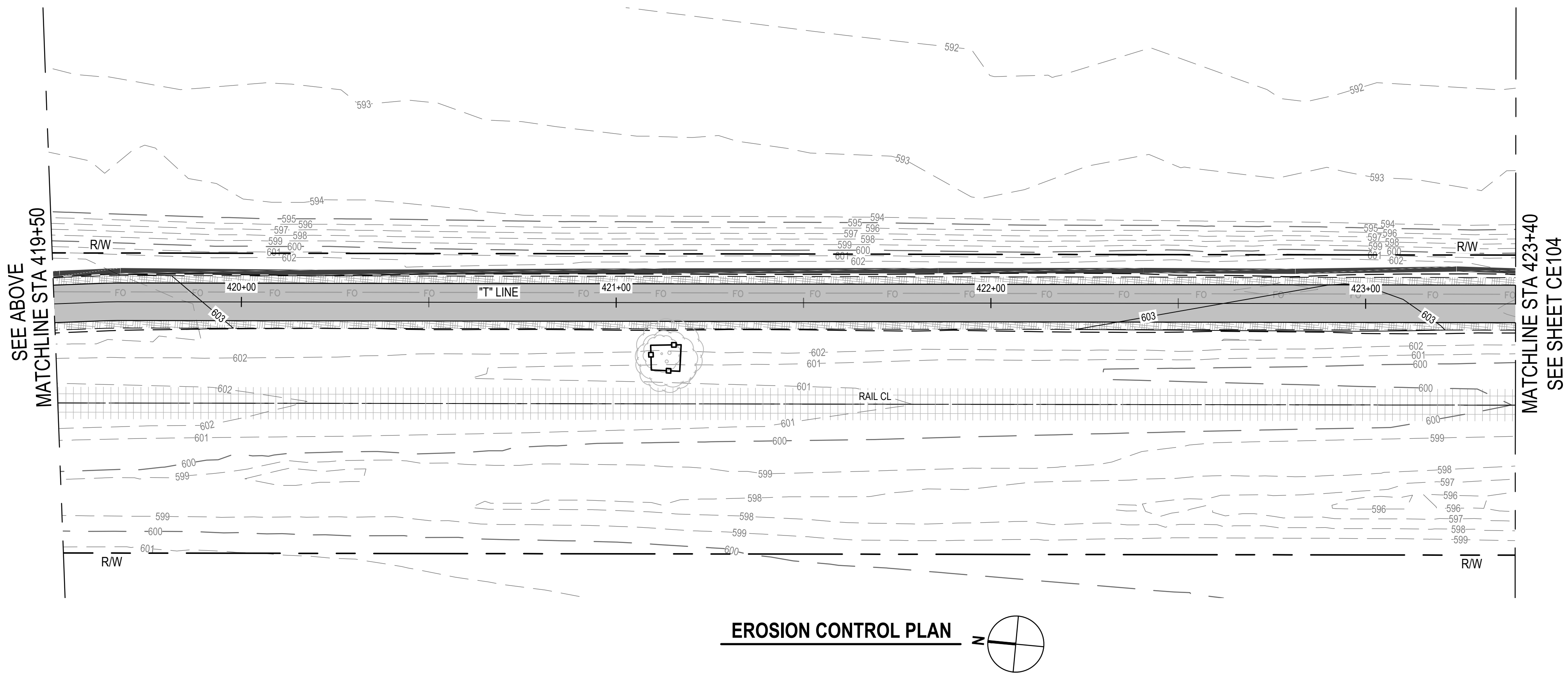
Contractor shall call
Underground Service Alert at
811 two working days prior
to excavation



					Size ANSI D	



EROSION CONTROL LEGEND	
XX XX	TEMPORARY SILT FENCE PER CALTRANS BMP FACT SHEET SC-1
	PLACE TEMPORARY FIBER ROLLS FOR SLOPE PROTECTION DURING CONSTRUCTION PER CALTRANS BMP FACT SHEET SC-5
	STORM DRAIN INLET PROTECTION PER CALTRANS FACT SHEET SC-6
	JUTE BLANKET PER CALTRANS BMP FACT SHEET SS-7
	TEMPORARY TREE PROTECTION FENCING, SEE LANDSCAPE PLAN FOR NOTES
	TEMPORARY ESA WETLAND PROTECTION FENCING
	RIPARIAN AREA TO REMAIN, TO BE PROTECTED
	RIPARIAN AREA TO BE TEMPORARY IMPACT
	RIPARIAN AREA TO BE PERMANENT IMPACT
	WETLAND TO REMAIN, TO BE PROTECTED
	WETLAND OR WATERS TO BE TEMPORARY IMPACT
	WETLAND OR WATERS TO BE PERMANENT IMPACT
	WATERS TO REMAIN, TO BE PROTECTED
	EXISTING TREE TO REMAIN, TO BE PROTECTED
	EXISTING TREE TO BE REMOVED



811

Know what's below.
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Underground Service Alert at
811 two working days prior
to excavation

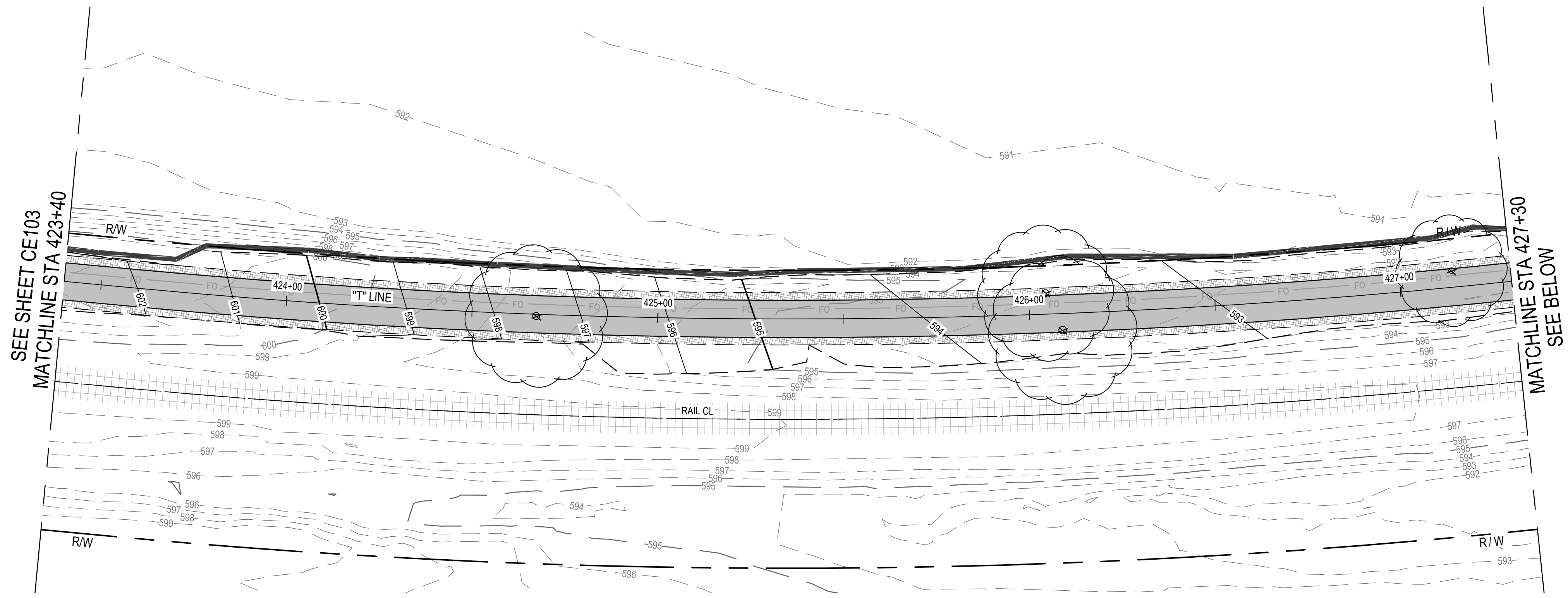
No. Issue		Checked	Approved	Date
Author	C. PHELPS	Drafting Check	E. FANSELAU	Project Manager
Designer	C. PHELPS	Design Check	E. FANSELAU	Project Director
M. KENNEDY				

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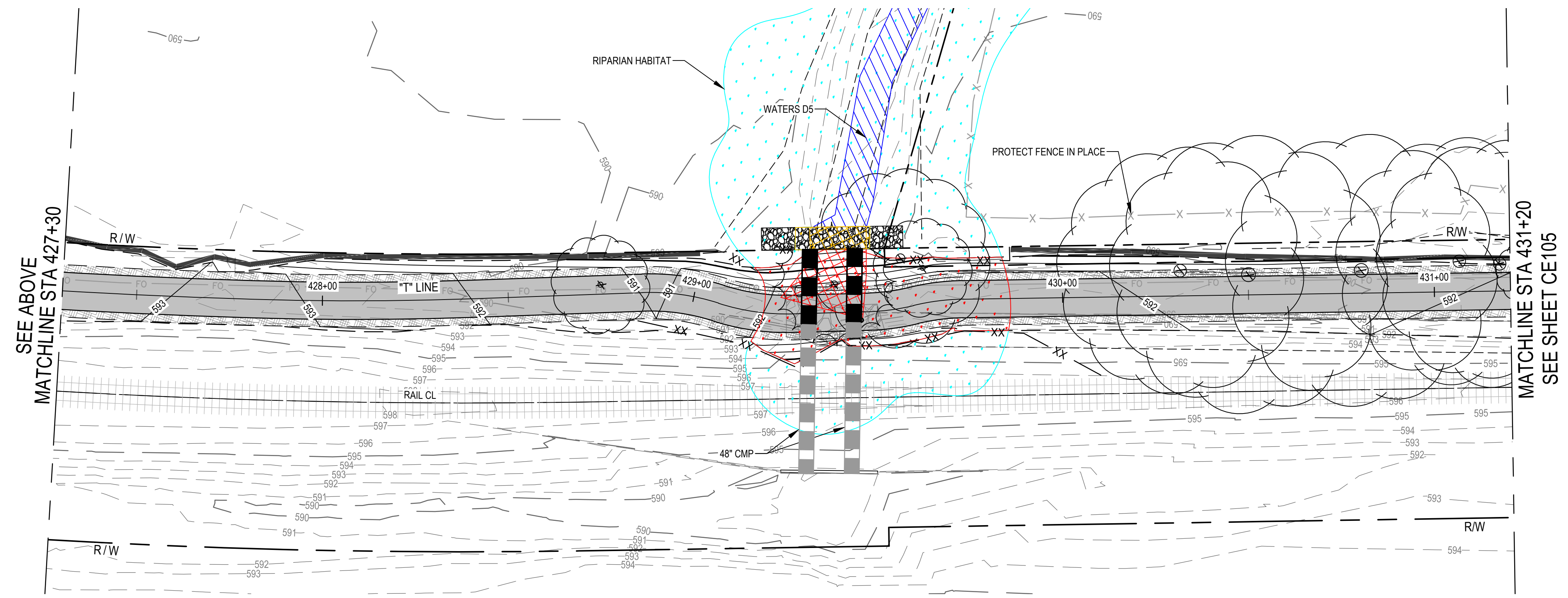
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Client	CITY OF UKIAH	
Project	THE GREAT REDWOOD TRAIL PHASE 4	
Project No.	12557341	Date
		SEP 30, 2022
Scale	1" = 20'	

Title		EROSION CONTROL PLAN STA 415+60 TO STA 423+40
Sheet No.	CE103	44 of 96



EROSION CONTROL PLAN

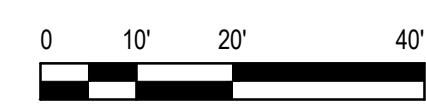


EROSION CONTROL PLAN

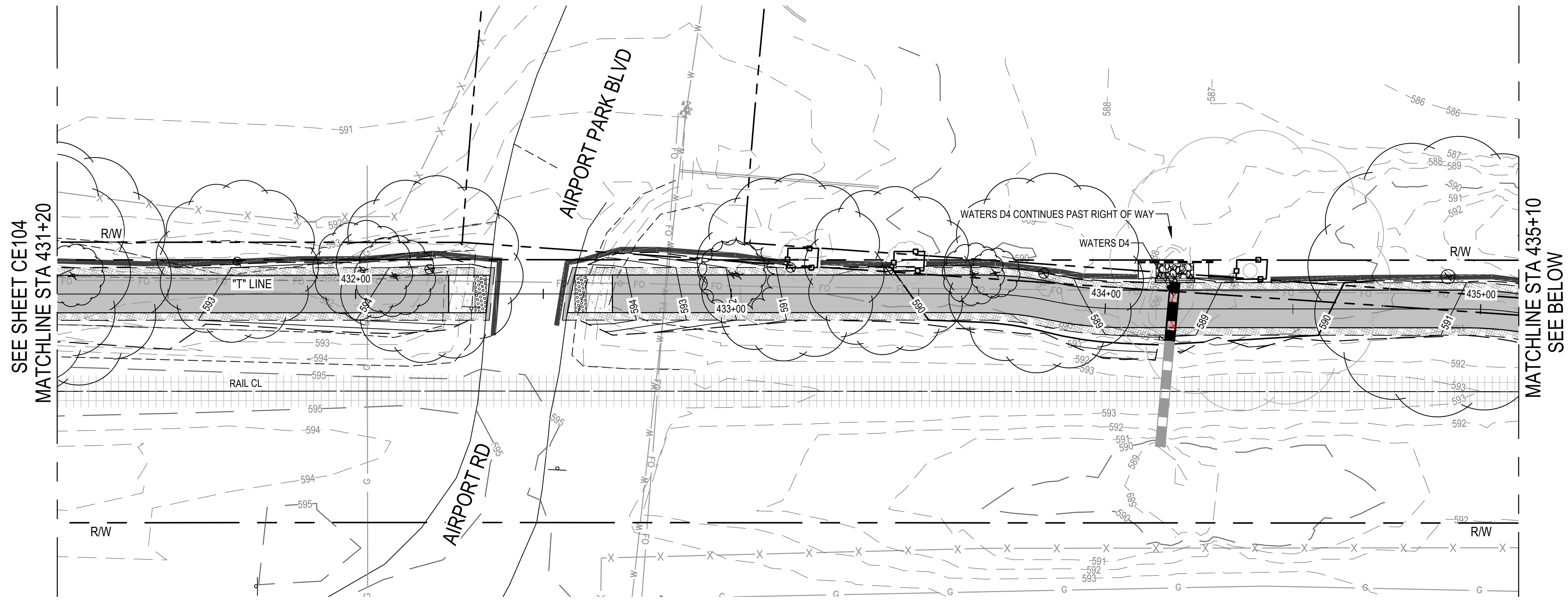
EROSION CONTROL LEGEND	
	TEMPORARY SILT FENCE PER CALTRANS BMP FACT SHEET SC-1
	PLACE TEMPORARY FIBER ROLLS FOR SLOPE PROTECTION DURING CONSTRUCTION PER CALTRANS BMP FACT SHEET SC-5
	STORM DRAIN INLET PROTECTION PER CALTRANS FACT SHEET SC-6
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	TEMPORARY ESA WETLAND PROTECTION FENCING
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	RIPARIAN AREA TO BE TEMPORARY IMPACT
	RIPARIAN AREA TO BE PERMANENT IMPACT
	WETLAND TO REMAIN, TO BE PROTECTED
	WETLAND OR WATERS TO BE TEMPORARY IMPACT
	WETLAND OR WATERS TO BE PERMANENT IMPACT
	WATERS TO REMAIN, TO BE PROTECTED
	EXISTING TREE TO REMAIN, TO BE PROTECTED
	EXISTING TREE TO BE REMOVED

811
Know what's below.
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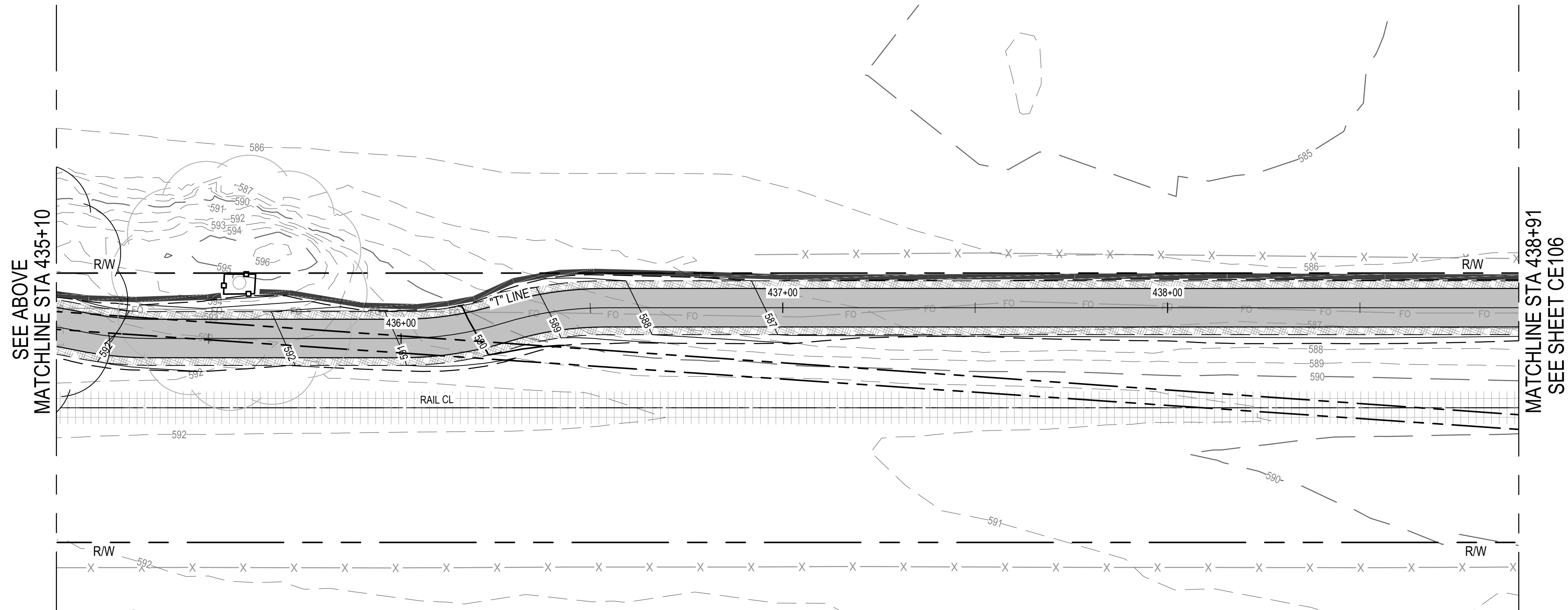
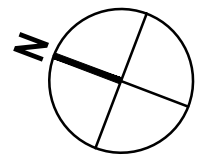
Contractor shall call
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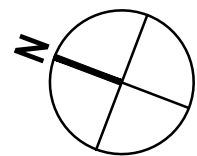
				Bar is one inch on original size sheet 0 1"		REGISTERED PROFESSIONAL ENGINEER Erik F. Farnell No. 064814 CIVIL STATE OF CALIFORNIA 12/21/2022	GHD GHD Inc. 2235 Mercury Way Suite 150 Santa Rosa California 95407 USA T 1 707 523 1010 F 1 707 527 8679 www.ghd.com Conditions of Use This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD. This document may only be used by GHD's client (and any other person who GHD has agreed can use this document) for the purpose for which it was prepared and must not be used by any other person or for any other purpose.	Client CITY OF UKIAH	Title EROSION CONTROL PLAN STA 423+40 TO STA 431+20	Size ANSI D
				Project THE GREAT REDWOOD TRAIL PHASE 4						
				Project No. 12557341	Date SEP 30, 2022			Scale 1" = 20'		
No. Issue		Checked	Approved	Date						
Author	C. PHELPS	Drafting Check	E. FANSELAU	Project Manager	E. FANSELAU					
Designer	C. PHELPS	Design Check	E. FANSELAU	Project Director	M. KENNEDY					
Plot Date: 21 December 2022 - 6:32 PM Plotted By: Haytham Dass Filename: N:\US\Santa Rosa\Projects\5611\2557341\Digital_Design\EN\C3D\sheets\12557341-GHD-0000-ERO-EN-D101.dwg										



EROSION CONTROL PLAN



EROSION CONTROL PLAN



EROSION CONTROL LEGEND

- XX XX TEMPORARY SILT FENCE PER CALTRANS BMP FACT SHEET SC-1
- PLACE TEMPORARY FIBER ROLLS FOR SLOPE PROTECTION DURING CONSTRUCTION PER CALTRANS BMP FACT SHEET SC-5
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1 WATERS D4 MODIFICATIONS				KG	KG	2022-12-19
No.	Issue	Checked	Approved	Date		
Author	C. PHELPS	Drafting Check	E. FANSELAU	Project Manager	E. FANSELAU	
Designer	C. PHELPS	Design Check	E. FLANSELAU	Project Director	M. KENNEDY	

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Project THE GREAT REDWOOD TRAIL PHASE 4

Project No. 12557341

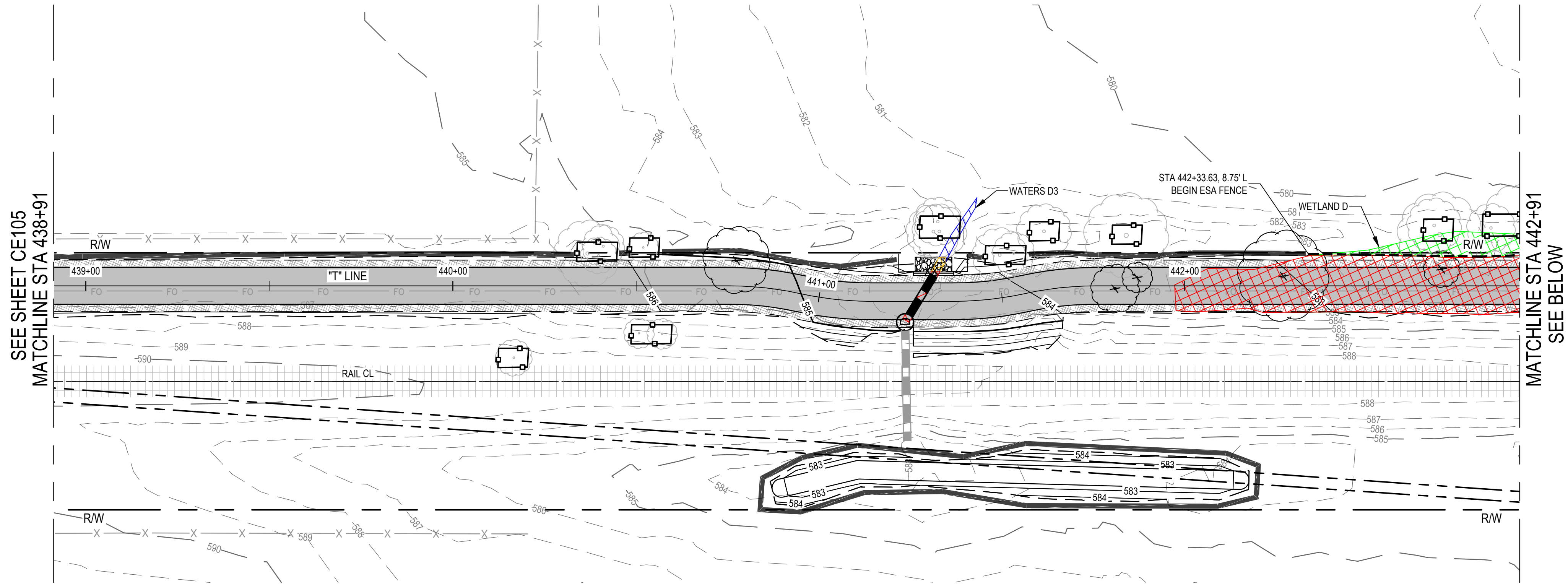
Date SEP 30, 2022

Scale 1" = 20'

Title EROSION CONTROL PLAN
STA 431+20 TO STA 438+91

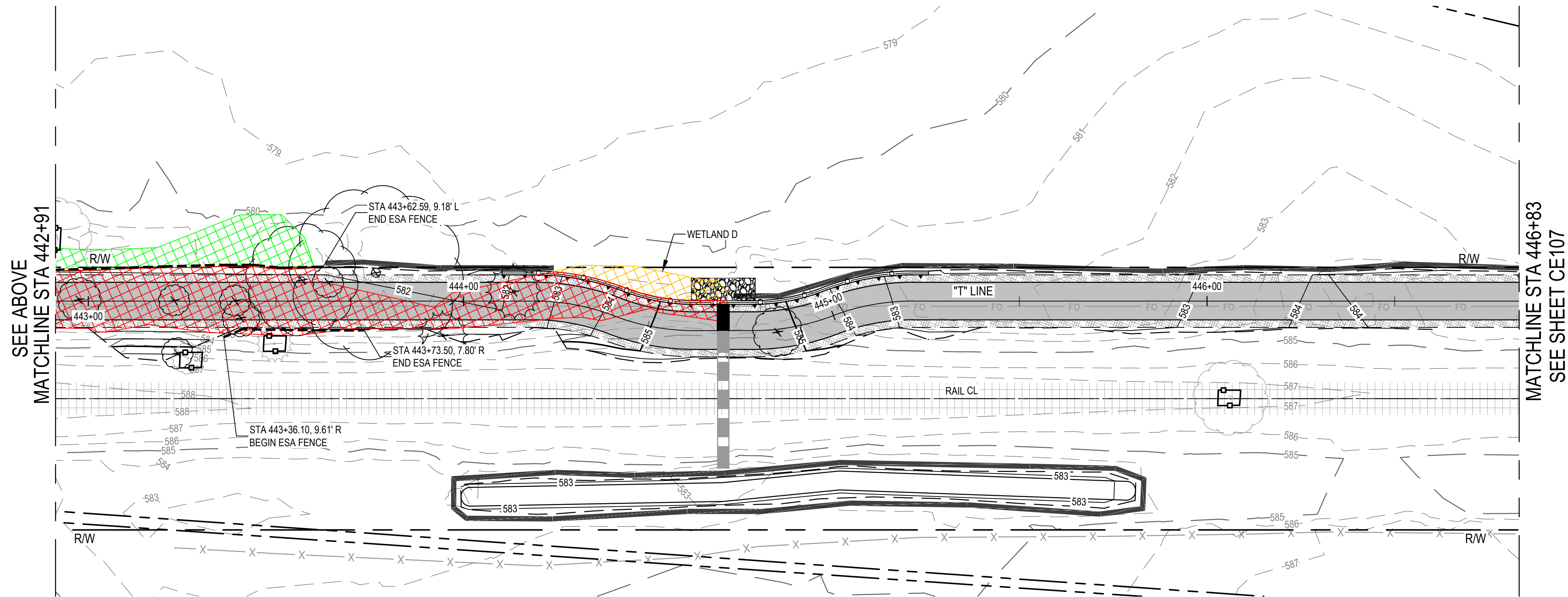
Sheet No. CE105

Sheet 46 of 96



EROSION CONTROL PLAN

EROSION CONTROL LEGEND	
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	PLACE TEMPORARY FIBER ROLLS FOR SLOPE PROTECTION DURING CONSTRUCTION PER CALTRANS BMP FACT SHEET SC-5
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	WATERS TO REMAIN, TO BE PROTECTED
	EXISTING TREE TO REMAIN, TO BE PROTECTED
	EXISTING TREE TO BE REMOVED



EROSION CONTROL PLAN

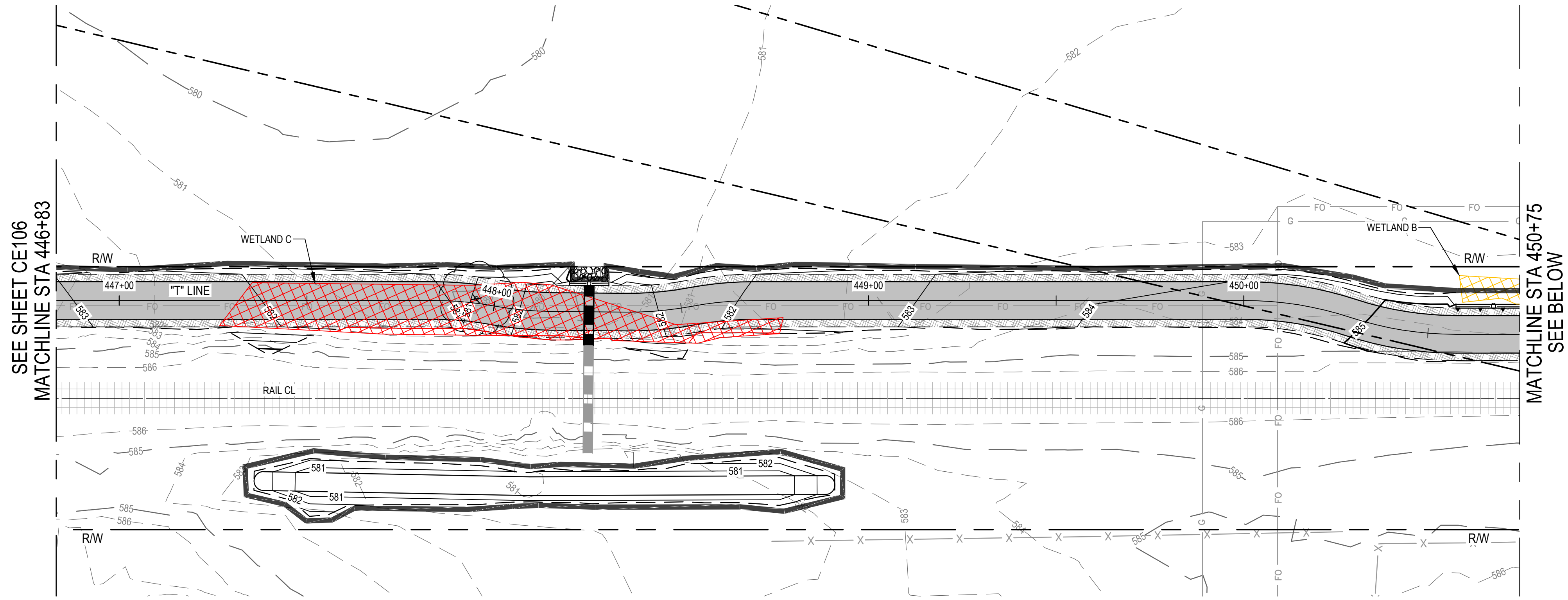


811

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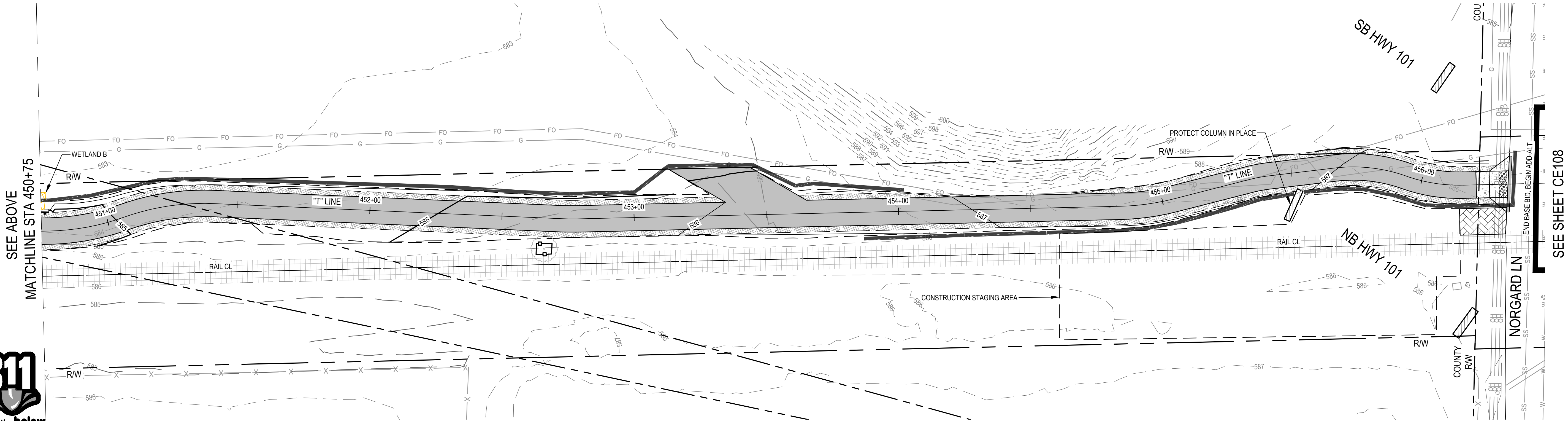
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Author C. PHELPS		Drafting Check E. FANSELAU		This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD. This document may only be used by GHD's client (and any other person who GHD has agreed can use this document) for the purpose for which it was prepared and must not be used by any other person or for any other purpose.		Project THE GREAT REDWOOD TRAIL PHASE 4		Project No. 12557341		Date SEP 30, 2022	
Designer C. PHELPS		Design Check E. FANSELAU		12/21/2022				Scale 1" = 20'		Sheet No. CE106	
Project Manager E. FANSELAU		Project Director M. KENNEDY								47 of 96	



EROSION CONTROL PLAN

EROSION CONTROL LEGEND	
XX XX	TEMPORARY SILT FENCE PER CALTRANS BMP FACT SHEET SC-1
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	EXISTING TREE TO BE REMOVED



EROSION CONTROL PLAN



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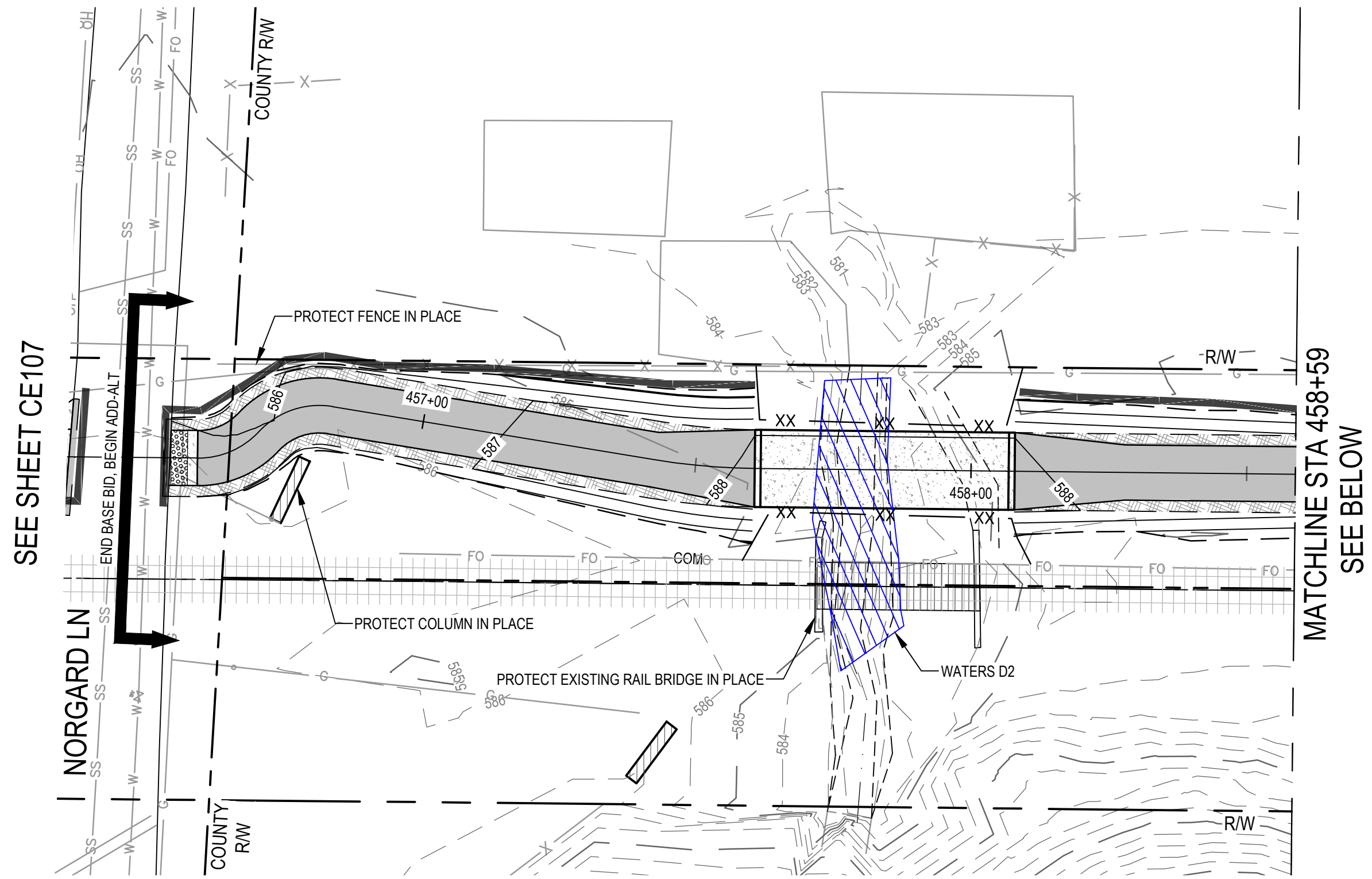


Client **CITY OF UKIAH**
Project **THE GREAT REDWOOD TRAIL PHASE 4**

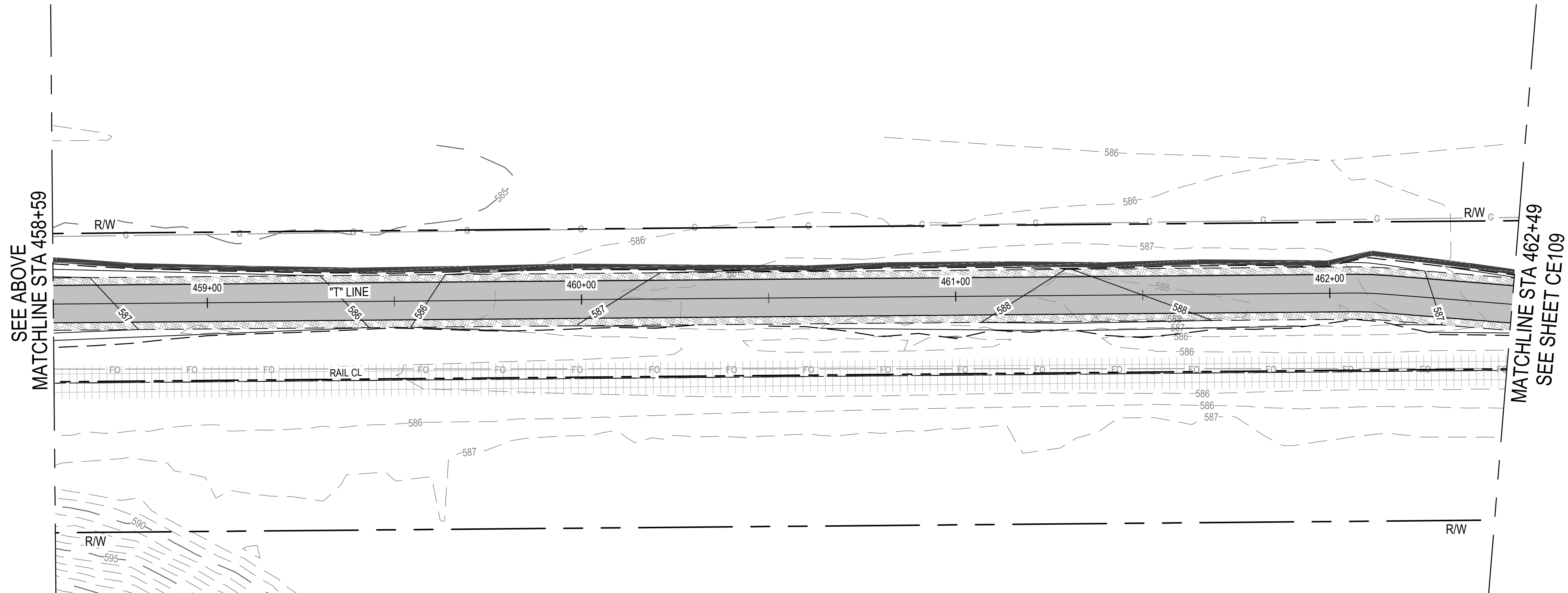
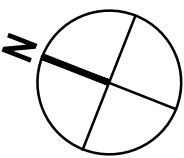
Project No. **12557341**
Date **SEP 30, 2022**
Scale **1" = 20'**

Title **EROSION CONTROL PLAN
STA 446+83 TO STA 456+33**

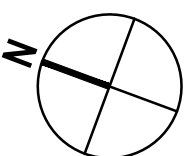
Sheet No. **CE107**
Sheet **48 of 96**



EROSION CONTROL PLAN



EROSION CONTROL PLAN



EROSION CONTROL LEGEND

- XX XX TEMPORARY SILT FENCE PER CALTRANS BMP FACT SHEET SC-1
- PLACE TEMPORARY FIBER ROLLS FOR SLOPE PROTECTION DURING CONSTRUCTION PER CALTRANS BMP FACT SHEET SC-5
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- EXISTING TREE TO REMAIN, TO BE PROTECTED
- EXISTING TREE TO BE REMOVED



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No.	Issue	Checked	Approved	Date
Author	C. PHELPS	Drafting Check	E. FANSELAU	
Designer	C. PHELPS	Design Check	E. FANSELAU	
		Project Manager	E. FANSELAU	
		Project Director	M. KENNEDY	

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Project THE GREAT REDWOOD TRAIL PHASE 4

Project No. 12557341

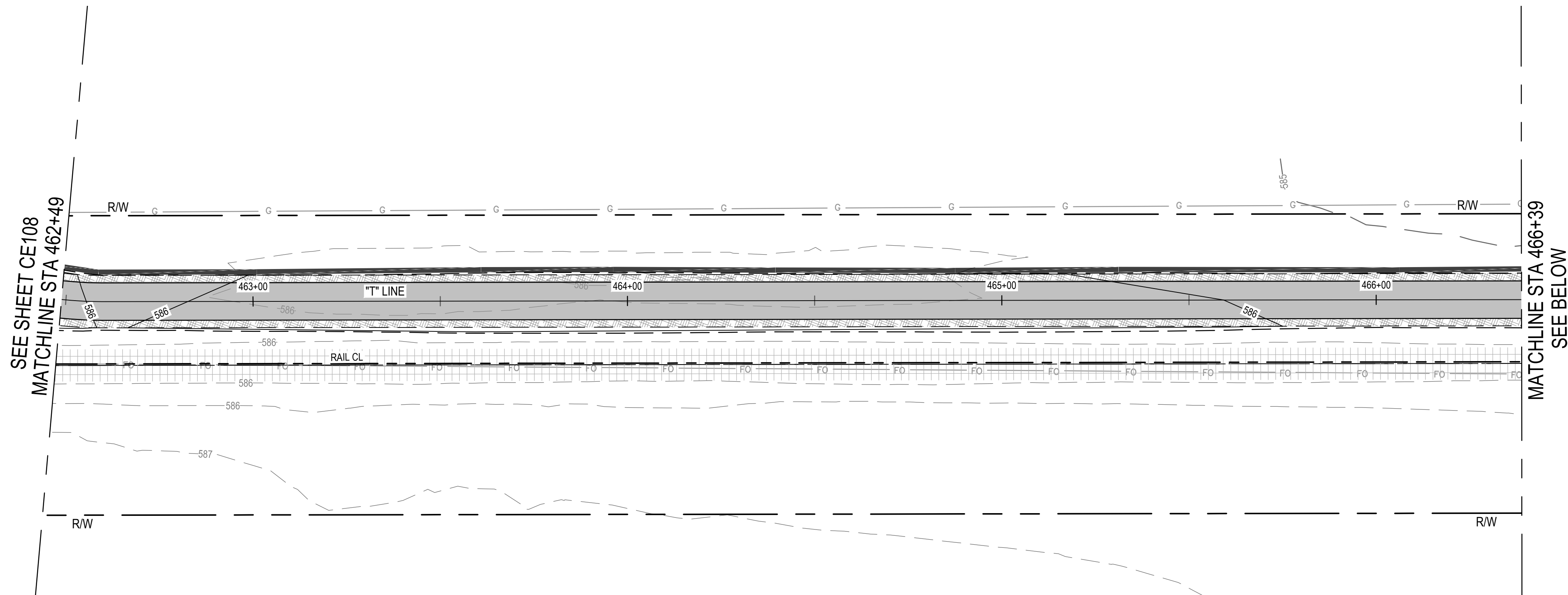
Date SEP 30, 2022

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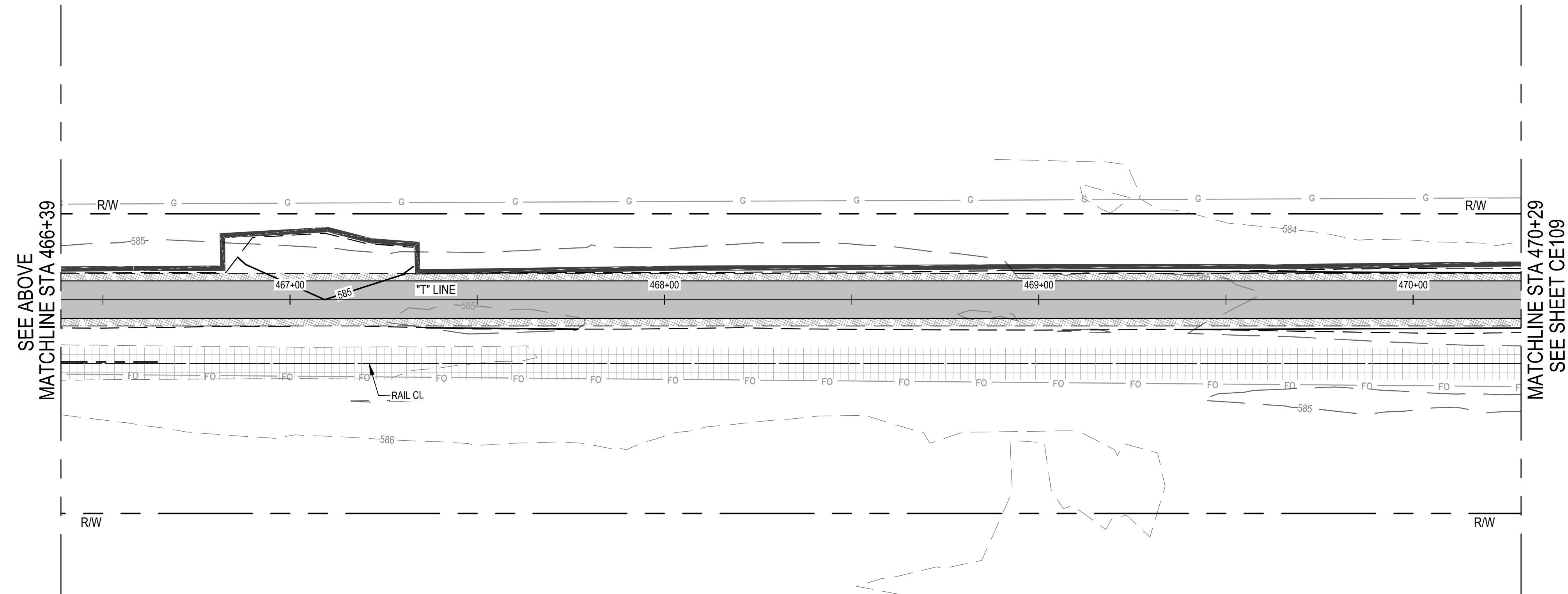
Title EROSION CONTROL PLAN
STA 456+50 TO STA 462+49
ADD ALTERNATIVE

Size ANSI D

Sheet No. CE108
Sheet 49 of 96



EROSION CONTROL PLAN



EROSION CONTROL PLAN

EROSION CONTROL LEGEND	
	TEMPORARY SILT FENCE PER CALTRANS BMP FACT SHEET SC-1
	PLACE TEMPORARY FIBER ROLLS FOR SLOPE PROTECTION DURING CONSTRUCTION PER CALTRANS BMP FACT SHEET SC-5
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	EXISTING TREE TO REMAIN, TO BE PROTECTED
	EXISTING TREE TO BE REMOVED

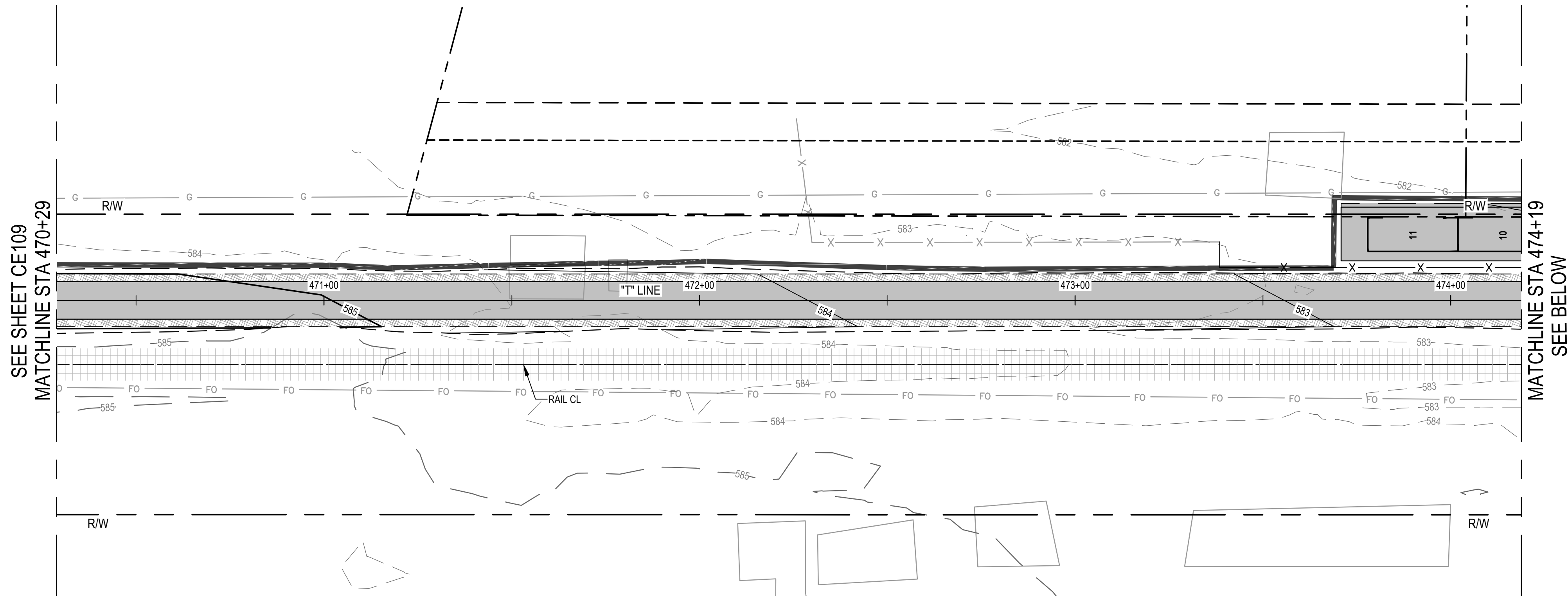
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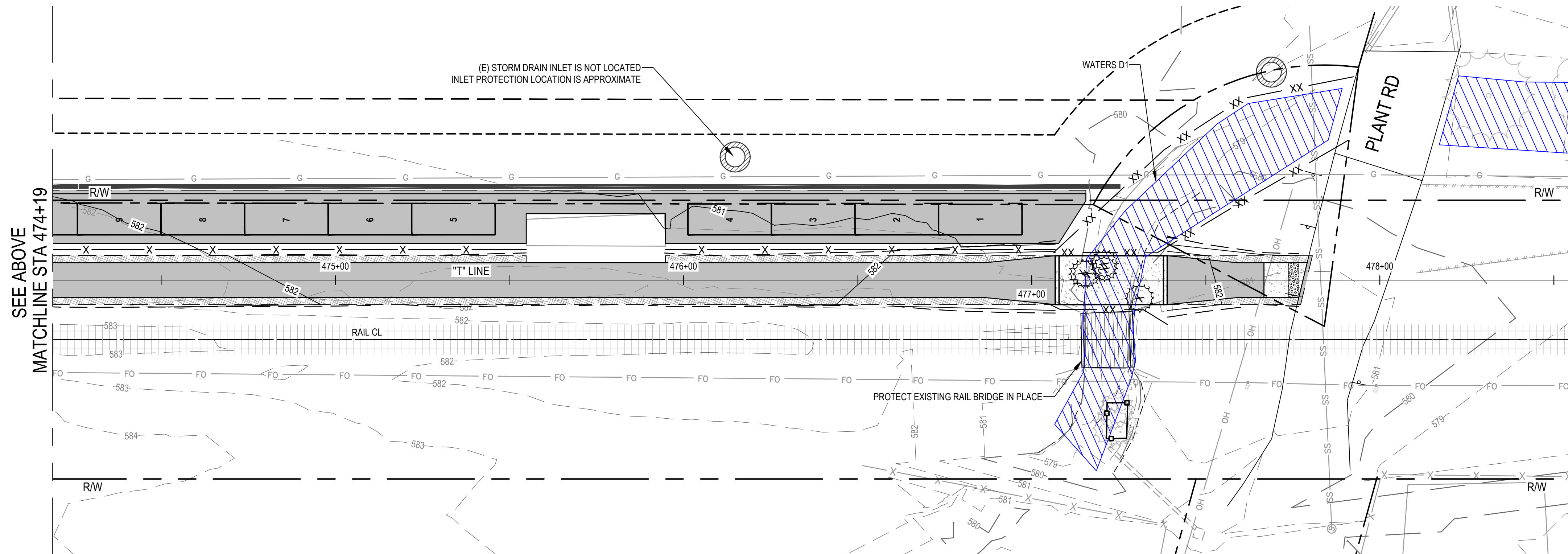
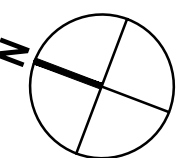
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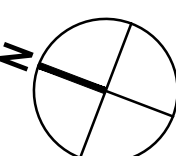
				Bar is one inch on original size sheet 0 1"		GHD GHD Inc. 2235 Mercury Way Suite 150 Santa Rosa California 95407 USA T 1 707 523 1010 F 1 707 527 8679 www.ghd.com 12/21/2022 12/21/2022 <td colspan="2"> Conditions of Use This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD. This document may only be used by GHD's client (and any other person who GHD has agreed can use this document) for the purpose for which it was prepared and must not be used by any other person or for any other purpose. </td> <td colspan="2"> Client CITY OF UKIAH Project THE GREAT REDWOOD TRAIL PHASE 4 Project No. 12557341 Date SEP 30, 2022 Scale 1" = 20' <td colspan="2"> Title EROSION CONTROL PLAN STA 462+49 TO STA 470+29 ADD ALTERNATIVE </td><td colspan="2"> Sheet No. CE109 Sheet 50 of 96 </td> </td>	Conditions of Use This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD. This document may only be used by GHD's client (and any other person who GHD has agreed can use this document) for the purpose for which it was prepared and must not be used by any other person or for any other purpose.		Client CITY OF UKIAH Project THE GREAT REDWOOD TRAIL PHASE 4 Project No. 12557341 Date SEP 30, 2022 Scale 1" = 20' <td colspan="2"> Title EROSION CONTROL PLAN STA 462+49 TO STA 470+29 ADD ALTERNATIVE </td><td colspan="2"> Sheet No. CE109 Sheet 50 of 96 </td>		Title EROSION CONTROL PLAN STA 462+49 TO STA 470+29 ADD ALTERNATIVE		Sheet No. CE109 Sheet 50 of 96	



EROSION CONTROL PLAN



EROSION CONTROL PLAN



EROSION CONTROL LEGEND

- XX XX TEMPORARY SILT FENCE PER CALTRANS BMP FACT SHEET SC-1
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No.	Issue			Checked	Approved	Date
Author	C. PHELPS	Drafting Check	E. FANSELAU	Project Manager	E. FANSELAU	
Designer	C. PHELPS	Design Check	E. FANSELAU	Project Director	M. KENNEDY	

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Project THE GREAT REDWOOD TRAIL PHASE 4

Project No. 12557341

Date SEP 30, 2022

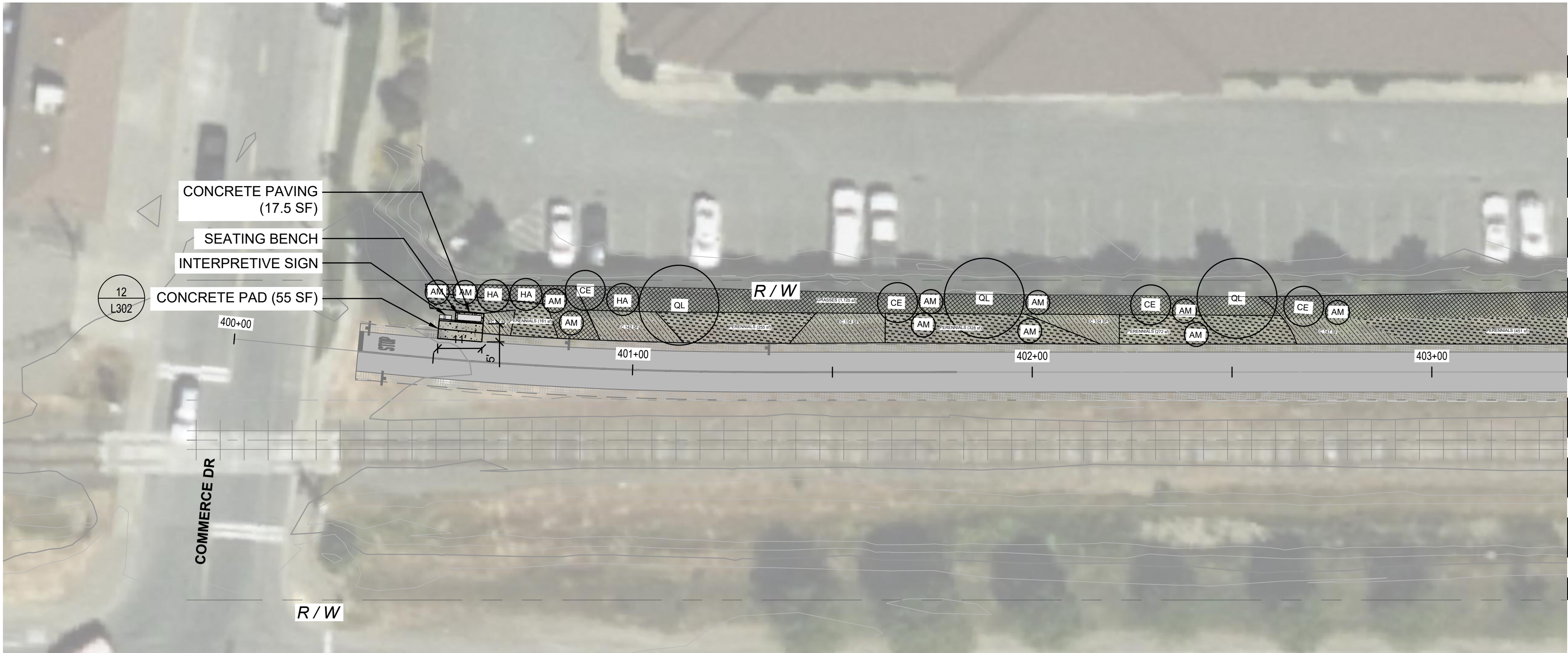
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Title EROSION CONTROL PLAN
STA 470+29 TO STA 478+25
ADD ALTERNATIVE

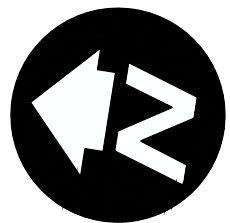
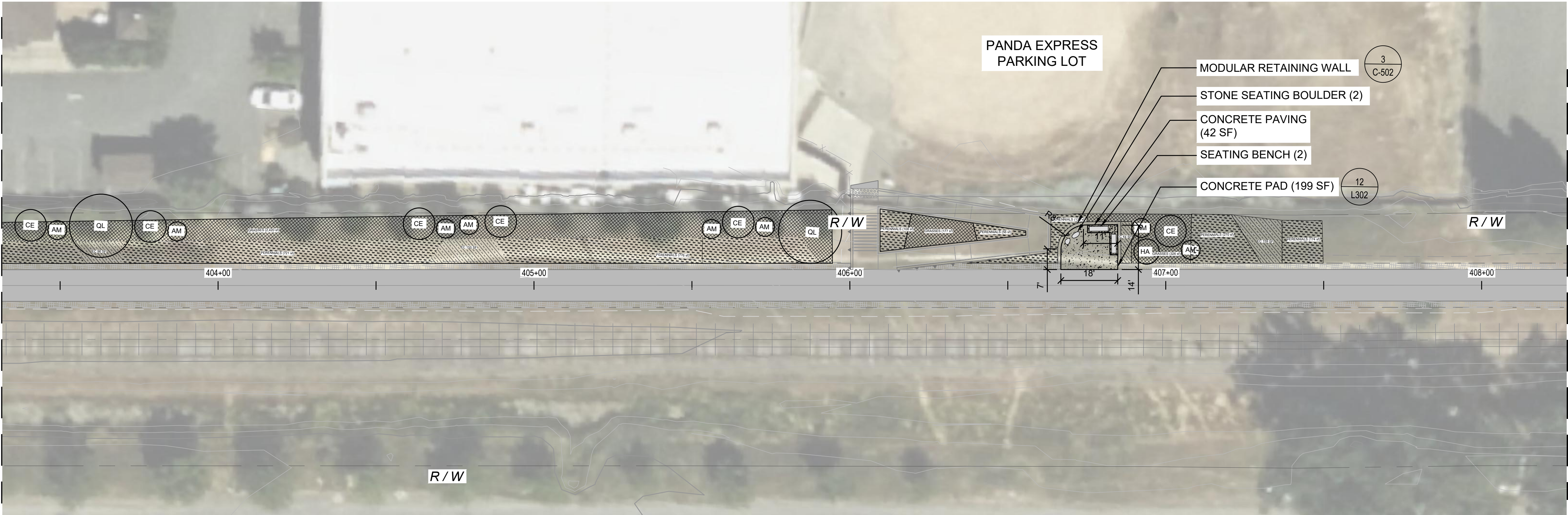
Size ANSI D

Sheet No. CE110

Sheet 51 of 96



- MATERIALS LEGEND
- SEATING BENCH
 - PICNIC TABLE
 - BOULDERS
 - SHADE STRUCTURE
 - BIKE RACK
 - BIKE REPAIR STATION
 - INTERPRETIVE SIGN
 - CONCRETE PAVING



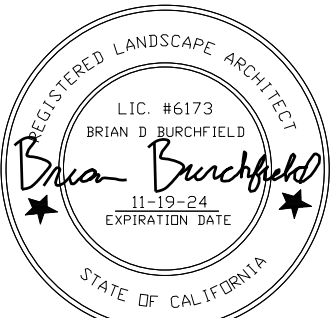
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No.	Issue	Checked	Approved	Date
Author	B. BURCHFIELD	Drafting Check	R. BOOTH	
Designer	R. BOOTH, C. SAMBO	Design Check	R. BOOTH	
Project Manager	E. FANSELAU			
Project Director	M. KENNEDY			

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Project THE GREAT REDWOOD TRAIL PHASE 4

Project No.
12557341

Date
2022-09-30

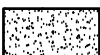
Scale
1"=20'

Title

LANDSCAPE AND
SITE FURNISHINGS PLAN

Sheet No.
L-101
52 of 96



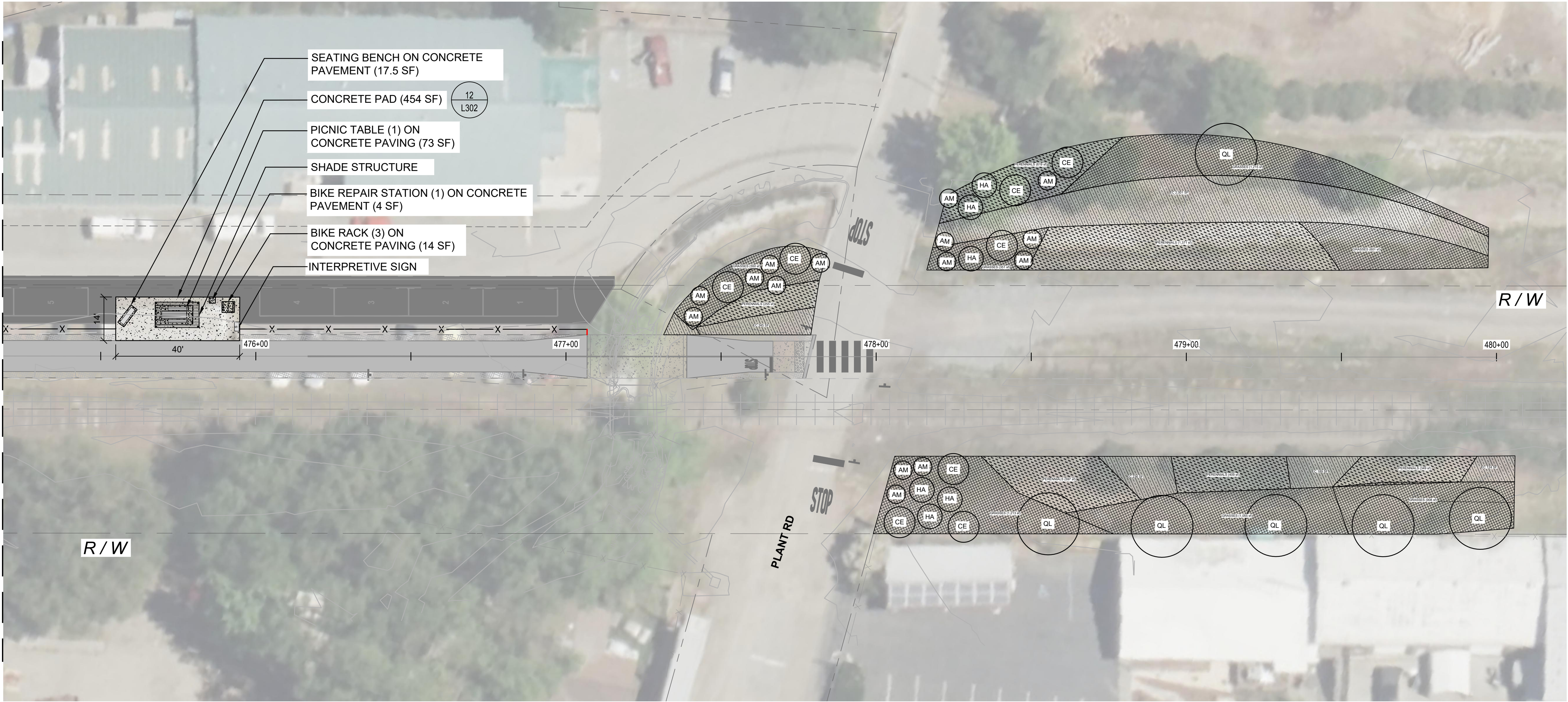
- | MATERIALS LEGEND | |
|---|---------------------|
|  | SEATING BENCH |
|  | PICNIC TABLE |
|  | BOULDERS |
|  | SHADE STRUCTURE |
|  | BIKE RACK |
|  | BIKE REPAIR STATION |
|  | INTERPRETIVE SIGN |
|  | CONCRETE PAVING |



Know what's below.
Call before you dig.
Contractor shall call
Underground Service Alert at
811 two working days prior
to excavation

[illegible]

MATCHLINE - SEE SHEET L-103

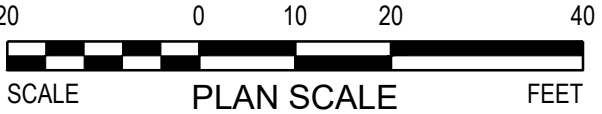
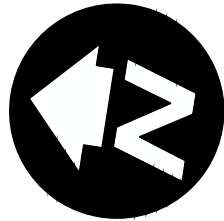


- MATERIALS LEGEND
- SEATING BENCH
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PLANT SCHEDULE

TREES	BOTANICAL NAME	COMMON NAME	SIZE	QTY	REMARKS
QL	Quercus lobata	Valley Oak	24" Box	17	
SHRUBS	BOTANICAL NAME	COMMON NAME	SIZE	QTY	REMARKS
AM	Arctostaphylos manzanita	Common Manzanita	3 gal.	60	
CE	Ceanothus sp.	Ceanothus	3 gal.	31	
HA	Heteromeles arbutifolia	Toyon	3 gal.	25	
GROUND COVERS	BOTANICAL NAME	COMMON NAME	SIZE	QTY	REMARKS
	PERENNIALS			13,332 sf	
	Asclepias sp.	Milkweed	1 gal.	739	
	Eriogonum fasciculatum	California Buckwheat	1 gal.	14,964	
	Eriophyllum lanatum	Oregon Sunshine	1 gal.	6,651	
	Grindelia sp.	Gumweed	1 gal.	1,663	
	Lupinus sp.	Lupine	1 gal.	451	
	Monardella villosa	Coyote Mint	1 gal.	451	
	Penstemon heterophyllus	Foothill Penstemon	1 gal.	73	
	Salvia clevelandii	Cleveland Sage	1 gal.	1,153	

	GRASSES			
	Danthonia californica	California Oatgrass	1 gal.	1,053
	Festuca californica	California Fescue	Plug	1,053
	Muhlenbergia rigens	Deer Grass	1 gal.	169
	Stipa pulchra	Purple Needle Grass	Plug	1,516
	Eschscholzia californica	California Poppy	seed	5,498 sf



811

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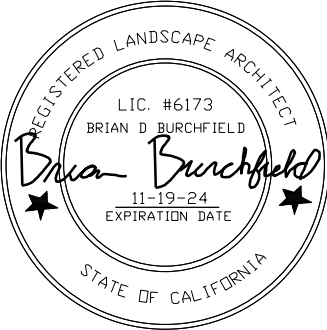
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No.	Issue	Checked	Approved	Date
Author	B. BURCHFIELD	Drafting Check	R. BOOTH	Project Manager
Designer	R. BOOTH, C. SAMBO	Design Check	R. BOOTH	Project Director
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Bar is one inch on
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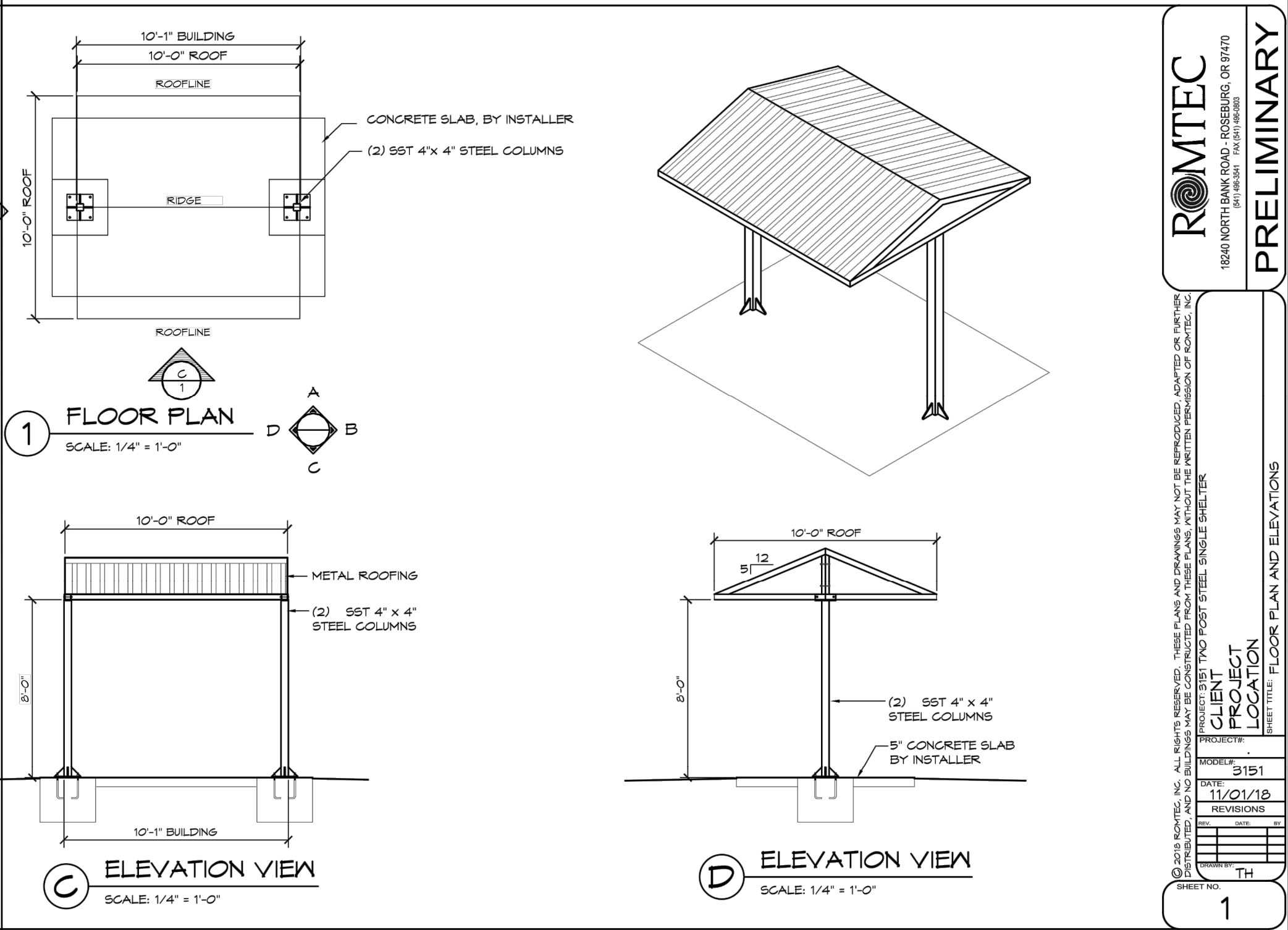
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Client	CITY OF UKIAH
Project	THE GREAT REDWOOD TRAIL PHASE 4
Project No.	12557341
Date	2022-09-30
Scale	1"=20'

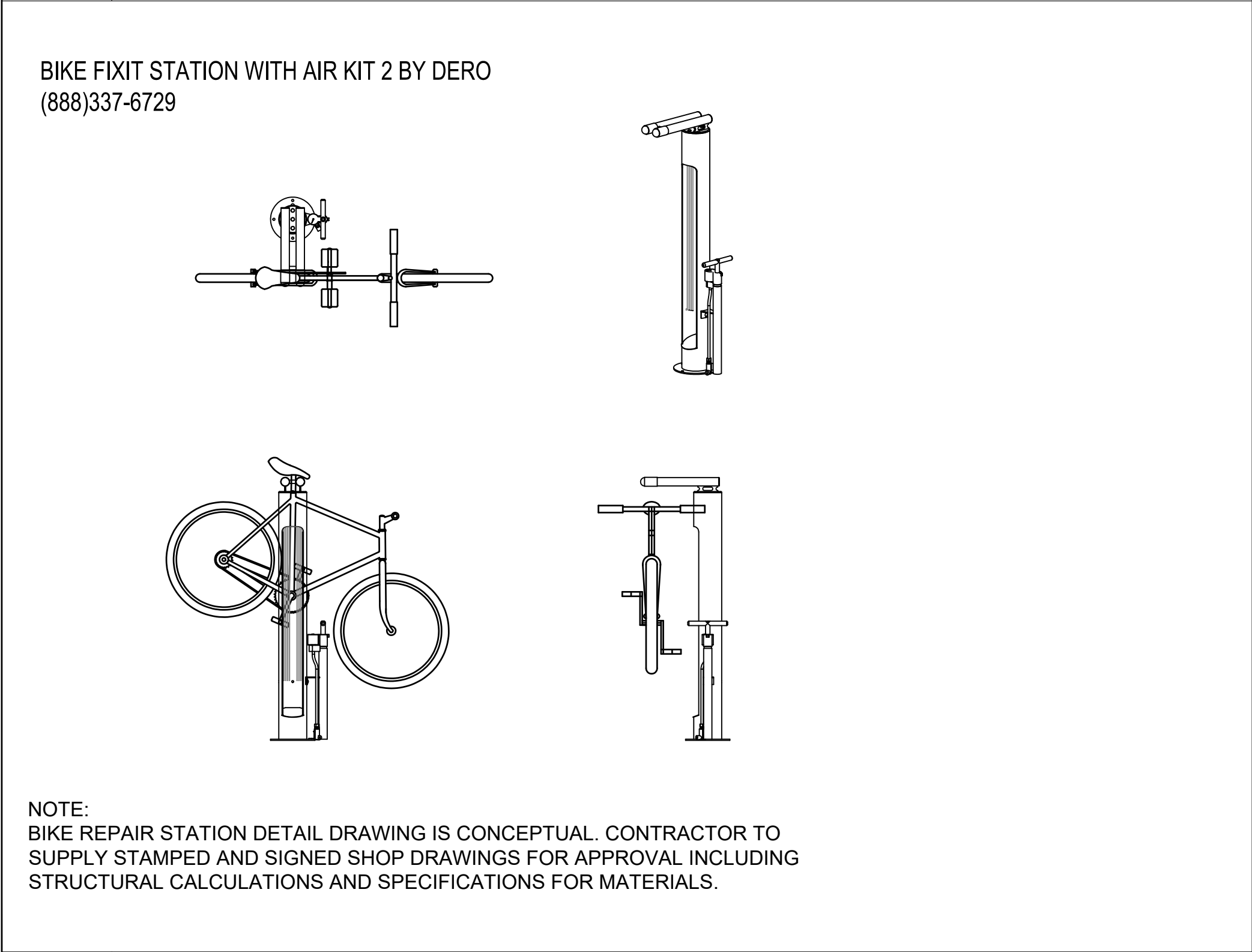
Title	LANDSCAPE AND SITE FURNISHINGS PLAN
Sheet No.	L-104
Sheet	55 of 96



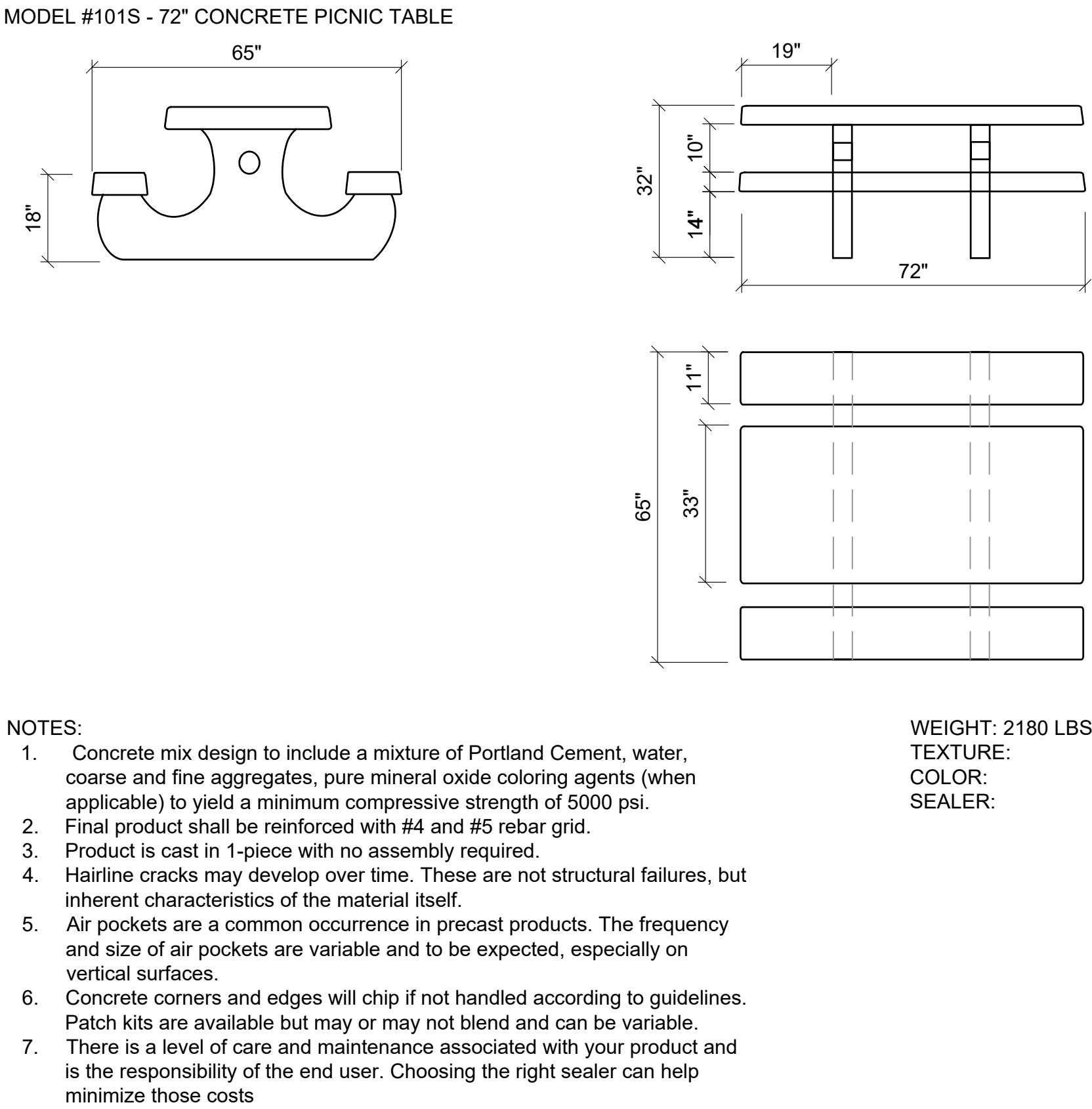


NOTE:
CANOPY DETAIL DRAWING IS CONCEPTUAL. CONTRACTOR TO SUPPLY STAMPED AND SIGNED SHOP DRAWINGS FOR APPROVAL INCLUDING STRUCTURAL CALCULATIONS AND SPECIFICATIONS FOR MATERIALS.

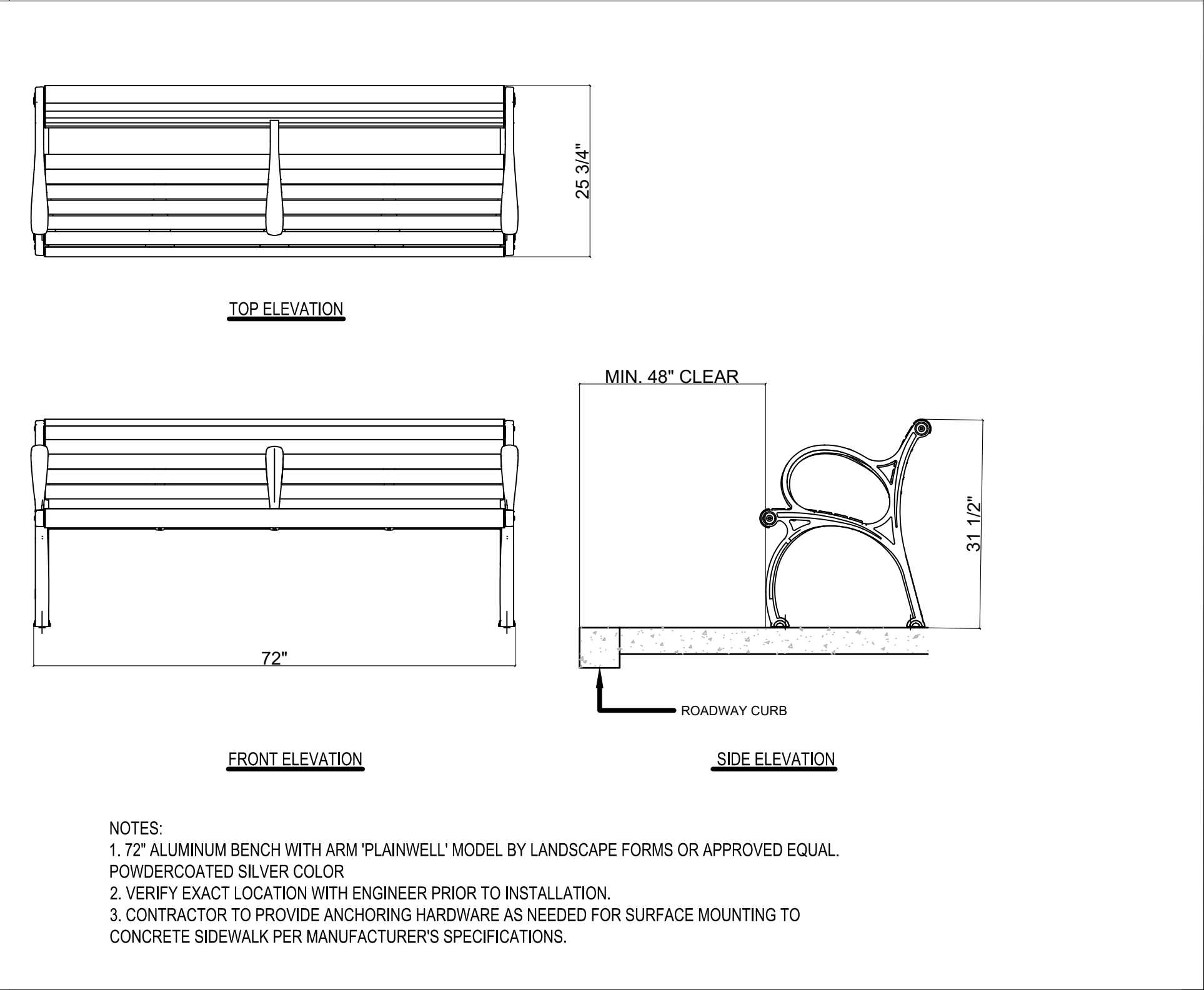
7 ROMTEC - 2-POST STEEL SHELTER



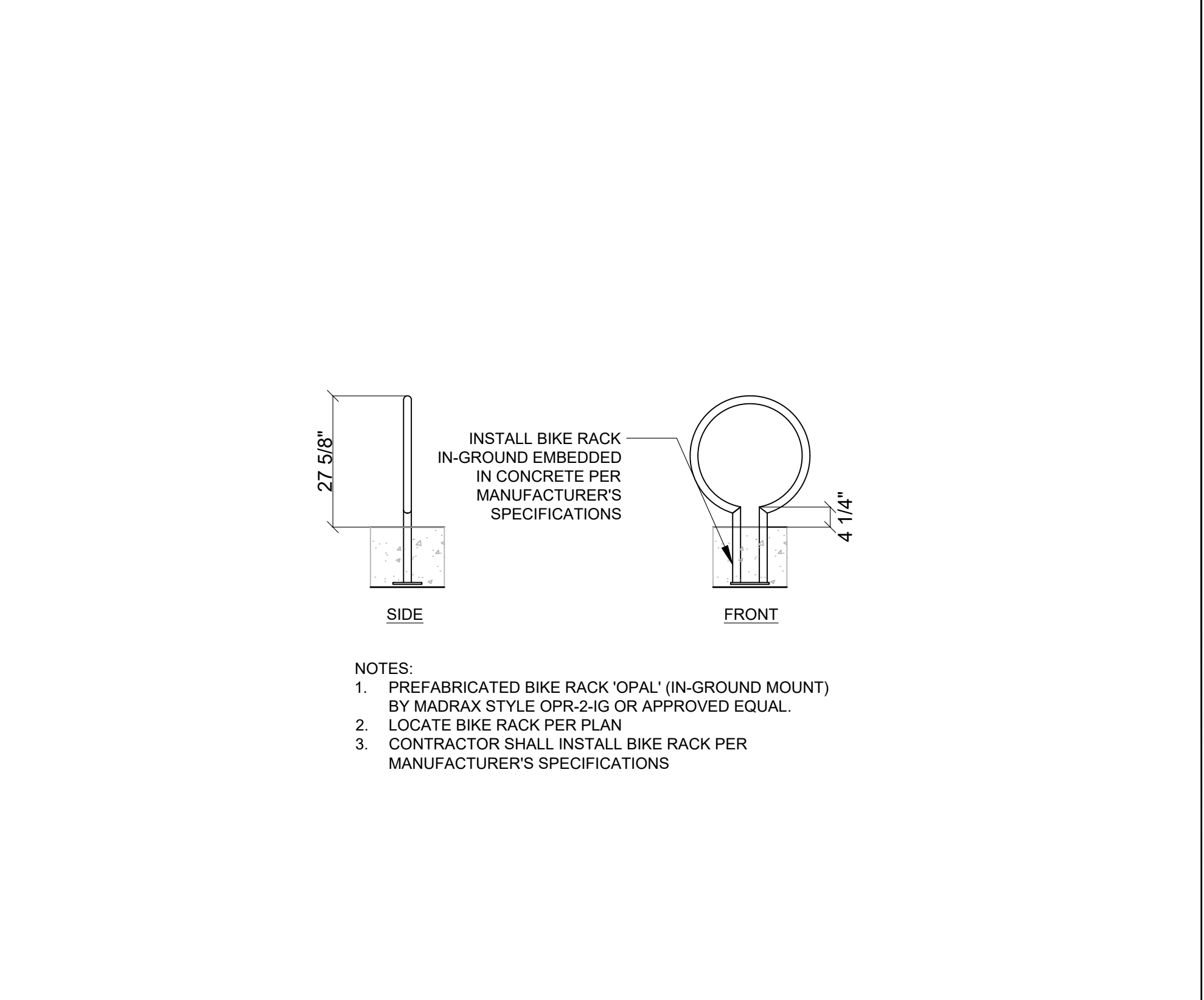
10 BIKE REPAIR STATION



8 OUTDOOR CREATIONS INC. - CONCRETE PICNIC TABLE



11 BENCH



9 BIKE RACK

No. Issue		Checked	Approved	Date
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		Project Manager	E. FANSELAU	
		Project Director	M. KENNEDY	

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Bar is one inch on original size sheet
0 1"

REGISTERED LANDSCAPE ARCHITECT
BRIAN D. BURCHFIELD
11-19-24
EXPIRATION DATE
STATE OF CALIFORNIA

GHD

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Client

CITY OF UKIAH

Project

THE GREAT REDWOOD TRAIL PHASE 4

Project No.

12557341

Date

2022-09-30

Scale

NTS

Title

FURNISHING DETAILS

Size

ANSI D

Sheet No.

L-301

Sheet

57 of 96

Plot Date: 30 September 2022 - 12:01 PM Plotted By: Carmela Sambo Filename: N:\Shared\PROJECTS\202100-2021-230 Ukiah, CA Great Redwood Trail Phase 4\CAD\03_References\21_230_DETAILS.dwg Page 152 of 385



DESIGN BASIS

1.

THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE CALTRANS BRIDGE DESIGN SPECIFICATIONS AND AASHTO LRFD GUIDE SPECIFICATIONS FOR THE DESIGN OF PEDESTRIAN BRIDGES, AND THE GEOTECHNICAL REPORT TITLED "GREAT REDWOOD TRAIL PHASE 4, UKIAH, CA" BY CRAWFORD INC. DATED SEPTEMBER 2022. REFER TO THIS REPORT FOR ALL GEOTECHNICAL INFORMATION AND RECOMMENDATIONS.
2.

STRUCTURE DESIGNED FOR SEISMIC LOADS BASED ON THE FOLLOWING PARAMETERS:
NORGARD LANE BRIDGE AND PLANT ROAD BRIDGES
SITE CLASS = D
MAX 0.2 SEC. SPECTRAL RESPONSE ACCELERATION, SS = 1.868 g
MAX 1.0 SEC. SPECTRAL RESPONSE ACCELERATION, S1 = 0.713 g
Fa SITE COEFFICIENT = 1.2
Fv SITE COEFFICIENT = 1.7
SITE MODIFIED PEAK GROUND ACCELERATION, PGA_M = 0.941 g
RESPONSE MODIFICATION FACTOR (FOR BRIDGE FOOTINGS) = 2.0

NORGARD LN. BRIDGE	PLANT RD. BRIDGE
LAT. = 39.113°N	LAT. = 39.122°N
LONG. = -123.193°W	LONG. = -123.198°W

3.

DESIGN LIVE LOADS:
PEDESTRIAN LOAD = 90 PSF
VEHICLE LOAD = H10 DESIGN VEHICLE (20,000 LB)

4.

DEFLECTION LIMITS:
BRIDGES (GREATER THAN 20FT SPAN) = L/360

GENERAL NOTES

1.

ALL WORK TO CONFORM TO REQUIREMENTS OF ALL PUBLICATIONS AND NOTES LISTED UNDER "DESIGN BASIS."
2.

CIVIL DRAWINGS AND ALL OTHER DRAWINGS AS REQUIRED SHALL BE USED IN CONJUNCTION WITH STRUCTURAL DRAWINGS TO DEVELOP DETAILS AND DIMENSIONS FOR SHOP DRAWINGS, FABRICATION, ERECTION, AND CONSTRUCTION.
3.

THE CONTRACTOR IS TO VERIFY ALL EXISTING CONDITIONS AND ALL DIMENSIONS IN FIELD PRIOR TO START OF CONSTRUCTION AND PROTECT AND MAINTAIN ALL EXISTING CONSTRUCTION AND ITS CONTENTS IN FULL.
4.

THE CONTRACTOR SHALL MAINTAIN A SET OF LATEST REVIEWED SHOP DRAWINGS ON JOB SITE.
5.

THE STRUCTURE HAS BEEN DESIGNED TO BE STABLE AND SELF SUPPORTING AFTER THE CONSTRUCTION HAS BEEN COMPLETE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY FOR THE STRUCTURE'S STABILITY DURING CONSTRUCTION. THIS RESPONSIBILITY ALSO INCLUDES BUT IS NOT LIMITED TO METHOD AND SEQUENCE OF ERECTION, TEMPORARY SHORING, AND TEMPORARY BRACING.
6.

IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION.
7.

SHOULD ANY INFORMATION ON THE STRUCTURAL DRAWINGS CONFLICT WITH THE SPECIFICATIONS OR ANY OTHER PART OF THE DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AND AN INTERPRETATION WILL BE GIVEN.
8.

ALL SECTIONS, DETAILS, NOTES, DIMENSIONS AND CONDITIONS ARE APPLICABLE AT ANY OTHER LOCATION WHERE CONDITIONS AND DETAILS ARE SIMILAR BUT ARE NOT SPECIFICALLY NOTED AS SUCH OR ARE NOT SHOWN.
9.

FOR QUALITY CONTROL INSPECTION AND TESTING REQUIREMENTS DURING CONSTRUCTION, SEE SPECIFICATIONS.

FOUNDATIONS FOR PEDESTRIAN BRIDGES NOTES

1.

ALLOWABLE BEARING CAPACITY (DEAD PLUS LIVE LOAD) VALUES USED IN PEDESTRIAN BRIDGE FOUNDATION DESIGN:

NORGARD LANE BRIDGE	= 3,500 PSF
PLANT ROAD BRIDGE	= 2,500 PSF

2.

THE BRIDGE ABUTMENTS WERE DESIGNED TO RESIST LATERAL LOADING USING THE FOLLOWING PASSIVE EARTH PRESSURES AND BASE FRICTION VALUES:

	NORGARD LANE BRIDGE	PLANT ROAD BRIDGE
PASSIVE EARTH PRESSURE	400 PCF	300 PCF
FRICTION COEFFICIENT	0.50	0.35

3.

EARTH PRESSURES USED IN THE DESIGN OF THE BRIDGE ABUTMENTS AND WINGWALLS ARE AS FOLLOWS:

	NORGARD LANE BRIDGE	PLANT ROAD BRIDGE
STATIC	82 PCF	85 PCF
SEISMIC	ADD'L 45 PCF	ADD'L 41 PCF

4.

ALL COMPACTED STRUCTURAL FILL SHALL CONFORM TO THE PROJECT SPECIAL PROVISIONS .

5.

CONCRETE FOOTINGS SHALL NOT BE PLACED UNTIL FILL AND SUBGRADE HAVE BEEN CHECKED IN PLACE AND APPROVED BY THE ENGINEER.

CONCRETE AND REINFORCING NOTES

1.

ALL WORK TO CONFORM TO THE REQUIREMENTS OF THE ACI "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI 318-LATEST EDITION) AND "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT" (ACI 315-LATEST EDITION).
2.

MINIMUM COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS:

5,000 PSI (NORMAL WEIGHT) AT ALL CONCRETE ELEMENTS.

PRIOR TO PLACING CONCRETE, MIX DESIGNS SHALL BE SUBMITTED FOR REVIEW.
3.

ALL CONCRETE DIMENSIONS SOHWN ARE MINIMUM DIMENSIONS. CONTRACTOR TO REVIEW FORMING, REINFORCING DETAILS AND ANY EMBEDDED ITEMS AND DETERMINE PRIOR TO FABRICATION OF ANY REINFORCING, PLACEMENT REQUIREMENTS AND CLEARANCES.
4.

ALL BAR REINFORCING FOR CONCRETE TO CONFORM TO ASTM A 615 GRADE 60 (DEFORMED).
5.

ALL REINFORCING SHALL TERMINATE WITH STANDARD HOOKS AS SHOWN ON PLANS. ALL STIRRUPS AND TIES TO BE CLOSED WITH 135° BENDS.
6.

IN WALL ELEMENTS, VERTICAL BARS SHALL BE LOCATED ON OUTERMOST LAYER UNLESS SPECIFICALLY NOTED OTHERWISE.
7.

UNLESS OTHERWISE SHOWN, LOCATE REINFORCING BARS WITH FOLLOWING CLEAR DIMENSION TO FACE OF CONCRETE:

CONCRETE ON GROUND: 3" CLEAR

SLABS ON GRADE: 1" CLEAR FROM TOP OF SLAB

ALL OTHER SURFACES: 2" CLEAR

8.

CONCRETE ACCESSORIES MUST BE ADEQUATE TO MAINTAIN REINFORCING ACCURATELY IN PLACE AND BE NON-CORROSIVE, NON-STAINING TYPE.
9.

BEGIN CONCRETE CURING AS SOON AS FINISHING OPERATIONS ARE COMPLETE (WITHIN TWO HOURS). KEEP CONCRETE MOIST OR APPLY A LIQUID MEMBRANE FORMING CURING COMPOUND (COMPLY WITH ASTM C 309, TYPE I, CLASS A)
10.

SHORE CONCRETE BEAMS, CANTILEVERS AND SUPPORTED SLABS DIRECTLY TO FIRM BEARING FOR AS LONG AS PRACTICAL (MINIMUM 28 DAYS) TO MINIMIZE CREEP AND DEFLECTION.
11.

THE BRIDGE SHALL NOT BE PLACED ON THE CONCRETE FOOTINGS UNTIL THE ENGINEER HAS CONFIRMED THAT THE CONCRETE STRENGTH HAS REACHED AT LEAST 2000 PSI.
12.

EPOXY ANCHORS SHALL BE ONE OF THE FOLLOWING, UNO:

HILTI HIT-HY 200
HILTI HIT-RE 500
SIMPSON SET-3G

13.

NON-SHRINK GROUT SHALL HAS A MINIMUM COMPRESSIVE STRENGTH OF 6,000 PSI AT 7 DAYS

PRE-ENGINEERED BRIDGES

1.

PROVIDE AND INSTALL FULLY FUNCTIONAL PRE-ENGINEERED SINGLE SPAN BRIDGE AS SHOWN ON THE STRUCTURAL AND CIVIL DRAWINGS AND SPECIFICATIONS.
2.

STRUCTURES TO BE DESIGNED BY A REGISTERED CALIFORNIA PROFESSIONAL ENGINEER AND CONSTRUCTED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND TO SUPPORT OWN WEIGHT, IMPOSED LIVE, WIND, AND SEISMIC LOADS. SEE "STRUCTURAL DESIGN BASIS" IN STRUCTURAL GENERAL NOTES FOR STRUCTURAL CRITERIA.
3.

PROVIDE ALL FASTENERS AND OTHER APPURTENANCES NECESSARY TO INSTALL PRE-ENGINEERED BRIDGE TO THE CONCRETE FOOTINGS PER MANUFACTURER.
4.

CONTRACTOR SHALL SUBMIT DESIGN DRAWINGS AND CALCULATIONS. DESIGNER SHALL RESPOND TO ALL COMMENTS FROM THE ENGINEER AND MAKE REVISIONS AS REQUIRED. SUBMIT DESIGN FOR REVIEW PRIOR TO FABRICATION. CONTRACTOR TO INCLUDE MULTIPLE STRUCTURAL REVIEWS IN PROJECT SCHEDULE.
5.

PRE-ENGINEERED FOUNDATION DESIGN IS BASED ON ASSUMED REACTIONS INDICATED BY THE BRIDGE MANUFACTURER. CONTRACTOR SHALL SUBMIT ACTUAL FOUNDATION REACTIONS AND OBTAIN APPROVAL FROM ENGINEER PRIOR TO CONSTRUCTION OF FOUNDATIONS OR REVIEW OF CONCRETE SHOP DRAWINGS. CONCRETE SHOP DRAWINGS WILL NOT BE REVIEWED WITHOUT FINAL PEB REACTIONS AND FINAL PEB SHOP DRAWINGS.
6.

PREMANUFACTURED BRIDGE SHALL BE IN ACCORDANCE WITH:

STRUCTURAL MEMBERS: ASTM A606 OR ASTM A847 (Fy = 50 KSI)
SECONDARY MEMBERS: ASTM A242 OR ASTM A588. WELDING
WELDING: AWS D1.1
BOLTS: ASTM A325 TYPE 3
DECKING: CONCRETE OVER METAL DECK
7.

ANCHOR BOLTS SHALL BE IN ACCORDANCE WITH ASTM F1554, GRADE 105, HOT DIPPED GALVANIZED.

MASONRY NOTES

1.

MASONRY UNITS TO CONFORM TO ASTM C90 SPECIFIED COMPRESSIVE STRENGTH OF MASONRY: f_m = 2,000 PSI.
2.

UNLESS OTHERWISE INDICATED, REINFORCEMENT SHALL CONFORM TO ASTM A615 OR ASTM A706 GRADE 60.
3.

GROUT SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2,000 PSI.
4.

ALL MASONRY CELLS SHALL BE FULLY GROUTED.
5.

ALL MORTAR SHALL CONFORM TO ASTM C270, TYPE S, WITH A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 1800 PSI.
6.

UNLESS OTHERWISE SHOWN, ALL MASONRY SHALL BE LAID IN RUNNING BOND.
7.

PROVIDE DOWELS FROM FOUNDATIONS TO MATCH VERTICAL WALL REINFORCING SIZE AND SPACING, UNO.
8.

UNLESS OTHERWISE NOTES, THE MINIMUM LAP SHALL BE 48 BAR DIAMETERS.
9.

PLACEMENT, TESTS, AND INSPECTIONS OF MASONRY UNITS, GROUT, AND REINFORCING PER CODE REQUIREMENTS.

WELDED WIRE WALL NOTES

1.

FOUNDATION DESIGN IS BASED ON CRITERIA AND RECOMMENDATIONS PRESENTED IN THE GEOTECHNICAL REPORT "GREAT REDWOOD TRAIL PHASE 4" PREPARED BY CRAWFORD AND ASSOCIATES DATED SEPTEMBER 2022.
2.

DESIGN WALLS FOR 75-YEAR LIFE.
3.

WIRE MATS SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A123.
4.

WALLS SHALL BE DESIGNED IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS WITH THE FOLLOWING PARAMETERS:

MSE WALL PARAMETERS				
CASE	FRICTION ANGLE, Φ (°)	C (PSF)	UNIT WEIGHT, γ (PCF)	PGA (g)
FOUNDATION	28	100	120	0.94
REINFORCED FILL	32	0	125	
RETAINED FILL	28	100	120	



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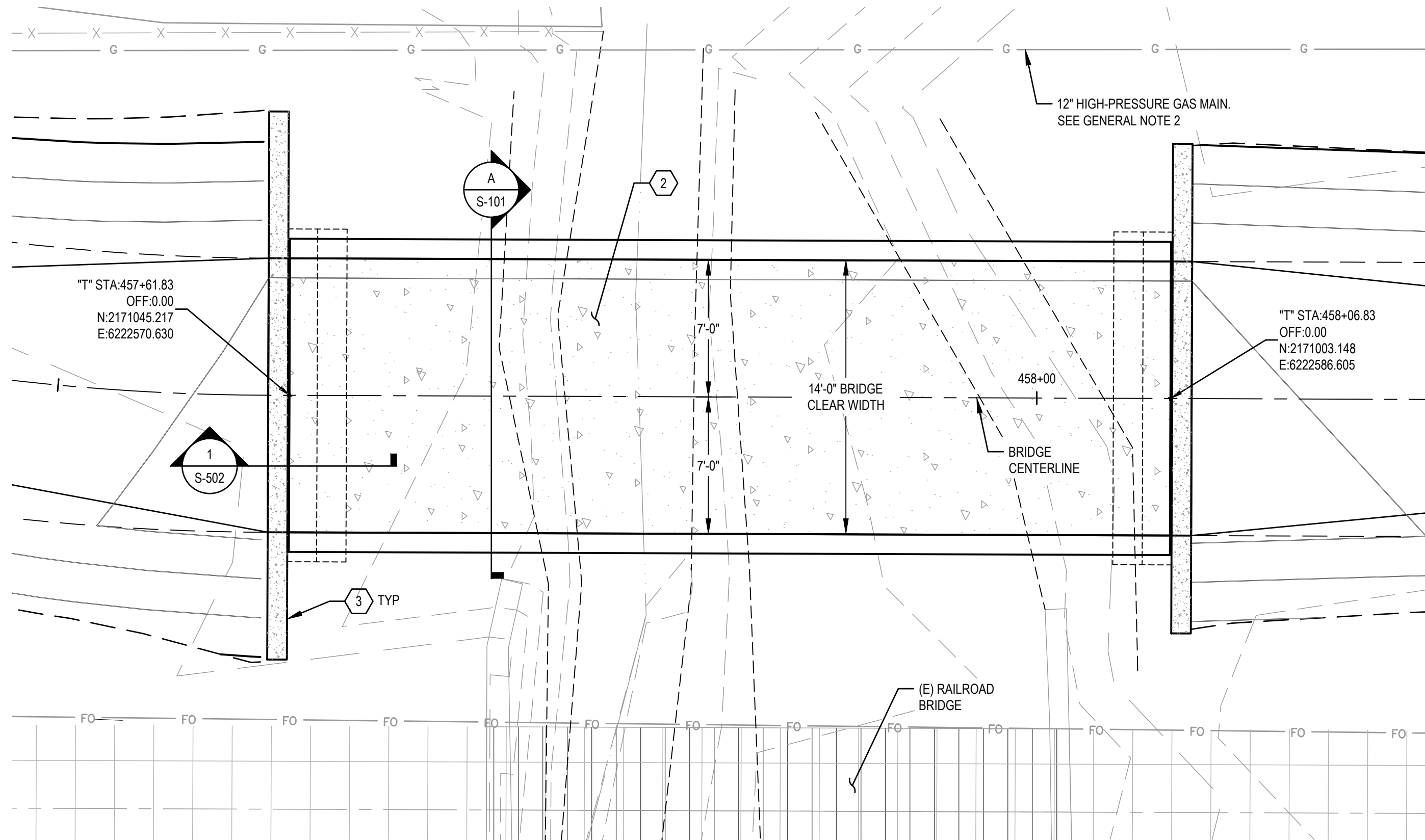
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STRUCTURAL ABBREVIATIONS LEGEND					
SEE UNITED STATES NATIONAL CAD STANDARD FOR ANY ABBREVIATION NOT LISTED BELOW					
&	AND	F/F	FACE TO FACE	PJP	PARTIAL JOINT PENETRATION
@	AT	FA	FRAMING ANGLE	PL	PLATE, PROPERTY LINE
Ø	DIAMETER	FB	FLAT BAR	PLF	POUNDS PER LINEAR FOOT
(E)	EXISTING	FDTN	FOUNDATION	PREFAB	PREFABRICATE
'	FOOT, FEET	FIN	FINISH	PSF	POUNDS PER SQUARE FOOT
"	INCH, INCHES	FLG	FLANGE	PSI	POUNDS PER SQUARE INCH
#	NUMBER, POUND	FLR	FLOOR	PTW	PRESERVATIVE TREATED WOOD
AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS	FN	FIELD NAIL	QTY	QUANTITY
A/E	ARCHITECT / ENGINEER	FOC	FACE OF CONCRETE/CURB	R	RADIUS, RISER
AB	ANCHOR BOLT	FOF	FACE OF FINISH	RC	RELATIVE COMPACTION
ABUT	ABUTMENT	FOM	FACE OF MASONRY	REBAR	REINFORCING STEEL BAR
ABV	ABOVE	FOS	FACE OF STUD	REINF	REINFORCE, REINFORCING
ADDL	ADDITIONAL	FOW	FACE OF WALL	REQ	REQUIRE, REQUIRED
AFF	ABOVE FINISHED FLOOR	FRMG	FRAMING	RND	ROUND
AFG	ABOVE FINISHED GRADE	FRTW	FIRE RETARDANT TREATED WOOD	RO	ROUGH OPENING
AFS	ABOVE FINISHED SLAB	FS	FAR SIDE	RS	ROUGH SAWN
ALT	ALTERNATE	FT	FEET, FOOT	RWD	REDWOOD
ALUM	ALUMINUM	FTG	FOOTING	RWLQ	RETAINING WALL LAYOUT LINE
APPROX	APPROXIMATE	FURG	FURRING	S	SPACED, SPACING, SPLICE, STEP
ARCH	ARCHITECT	g OR G	ACCELERATION DUE TO GRAVITY	SAD	SEE ARCHITECTURAL DRAWINGS
ARS	ACCELERATION RESPONSE SPECTRUM	GA	GAGE	SCHED	SCHEDULE
ATR	ALL THREAD ROD	GALV	GALVANIZED	SE	STRUCTURAL ENGINEER
AWS	AMERICAN WELDING SOCIETY	GLB	GLUED LAMINATED BEAM	SEC	SECOND
BB	BEGINNING OF BRIDGE	GR	GRADE	SECT	SECTION
BFF	BELOW FINISH FLOOR	H	HIGH, HEIGHT	SFRS	SEISMIC FORCE RESISTING SYSTEM
BKG	BACKING	HDR	HEADER	SIM	SIMILAR
BLDG	BUILDING	HGR	HANGER	SJ	SHRINKAGE JOINT
BLKG	BLOCKING	HLDN	HOLDDOWN	SL	SNOW LOAD
BLW	BELOW	HORIZ	HORIZONTAL	SP	STRUCTURAL PANEL
BM	BEAM	HS	HIGH STRENGTH	SPEC	SPECIFICATION
BMU	BRICK MASONRY UNIT	HSB	HIGH STRENGTH BOLT	SQ	SQUARE
BN	BOUNDARY NAIL	HSS	HOLLOW STRUCTURAL SECTION	SST	STAINLESS STEEL
BOS	BOTTOM OF STEEL	HT	HEIGHT	STAG	STAGGERED
BOT	BOTTOM	ICC	INTERNATIONAL CODE COUNCIL	STD	STANDARD
BTWN	BETWEEN	ID	INSIDE DIAMETER	STIF	STIFFENER
BVC	BEGIN VERTICAL CURVE	IJ	ISOLATION JOINT	STIR	STIRRUP
C	CAMBER, CHANNEL	INFO	INFORMATION	STL	STEEL
CB	CARRIAGE BOLT	INT	INTERIOR	STRUCT	STRUCTURAL
CBC	CALIFORNIA BUILDING CODE	IR	INSIDE RADIUS	SYMM	SYMMETRICAL
CFSF	COLD-FORMED STEEL FRAMING	JH	JOIST HANGER	T	TREAD, THICKNESS
CG	CENTER OF GRAVITY	JT	JOINT	T&B	TOP & BOTTOM
CIDH	CAST-IN-DRILLED-HOLE	L	ANGLE, LONG, LENGTH	T&G	TONGUE & GROOVE
CJ	CONSTRUCTION JOINT	LL	LIVE LOAD	THK	THICKNESS
CJP	COMPLETE JOINT PENETRATION	LLH	LONG LEG HORIZONTAL	THRU	THROUGH
CL	CENTER LINE	LLV	LONG LEG VERTICAL	TJ	TOOL JOINT
CLR	CLEAR	LONG	LONGITUDINAL	TN	TOE NAIL
CMU	CONCRETE MASONRY UNIT	LRFD	LOAD AND RESISTANCE FACTOR DESIGN	TOB	TOP OF BEAM
COL	COLUMN	LS	LAG SCREW	TOC	TOP OF CURB/CONCRETE
CONC	CONCRETE	LWC	LIGHT WEIGHT CONCRETE	TOF	TOP OF FRAMING/FOOTING/FLOOR
CONN	CONNECT, CONNECTION	MAX	MAXIMUM	TOG	TOP OF GRATING
CONT	CONTINUE, CONTINUOUS	MB	MACHINE BOLT	TOJ	TOP OF JOIST
CRS	COLD ROLLED STEEL	MC	MISCELLANEOUS CHANNEL	TOM	TOP OF MASONRY
CSK	COUNTER SUNK	MDJ	MASONRY CONTROL JOINT	TOP	TOP OF PARAPET
CTR	CENTER	MDJ	MASONRY DOWEL JOINT	TOS	TOP OF STEEL
D	PENNY (NAIL), DEEP, DEPTH	MECH	MECHANICAL	TOSP	TOP OF STRUCTURAL PANEL
DBL	DOUBLE	MEJ	MASONRY EXPANSION JOINT	TOT	TOP OF TRUSS
DCW	DEMAND CRITICAL WELD	MFR	MANUFACTURER	TOW	TOP OF WALL
DEG	DEGREE	MIN	MINIMUM	TPB	TREATED PERMEABLE BASE
DEMO	DEMOLITION	MISC	MISCELLANEOUS	TS	TUBE STEEL
DET	DETAIL	MKJ	MASONRY KEY JOINT	TYP	TYPICAL
DIA	DIAMETER	MRJ	MASONRY RAKE JOINT	UNO	UNLESS NOTED OTHERWISE
DIAG	DIAGONAL	NA	NOT APPLICABLE	UON	UNLESS OTHERWISE NOTED
DIM	DIMENSION	NF	NEAR FACE	VERT	VERTICAL
DJ	DOWEL JOINT	NIC	NOT IN CONTRACT	VIF	VERIFY IN FIELD
DL	DEAD LOAD	NPS	NOMINAL PIPE SIZE	VR	VAPOR RETARDER
DO	DITTO, DO OVER	NTS	NOT TO SCALE	W	WIDE, WIDTH, WELD, W-SHAPE
DOUG	FIR DOUGLAS FIR	NWC	NORMAL WEIGHT CONCRETE	W/	WITH
DWG	DRAWING	O/	OVER	W/O	WITHOUT
DWL	DOWEL	OAE	OR APPROVED EQUAL	WF	WIDE FLANGE
EA	EACH	OC	ON CENTER	WHS	WELDED HEADED STUD
EB	END OF BRIDGE	OD	OUTSIDE DIAMETER	WL	WIND LOAD
EE	EACH END	OG	ORIGINAL GROUND	WO	WHERE OCCURS
EF	EACH FACE	OH	OPPOSITE HAND	WP	WORKING POINT
EJ	EXPANSION JOINT	OPNG	OPENING	WT	WEIGHT, W TEE-SHAPE
EL	ELEVATION	OPP	OPPOSITE	WTS	WELDED THREADED STUD
ELEC	ELECTRIC, ELECTRICAL	OR	OUTSIDE RADIUS	WWLQ	WINGWALL LAYOUT LINE
ELEV	ELEVATOR	PAF	POWER ACTUATED FASTENER	WWR	WELDED WIRE REINFORCEMENT
EMBED	EMBEDMENT	PCC	PRECAST CONCRETE	XS	EXTRA STRONG
EN	EDGE NAIL	PCF	POUNDS PER CUBIC FOOT	XXS	DOUBLE EXTRA STRONG
EOS	EDGE OF SLAB				
EQ	EQUAL, EQUALLY				
ES	EACH SIDE				
EVC	END VERTICAL CURVE				
EW	EACH WAY				
EXT	EXTERIOR				

811

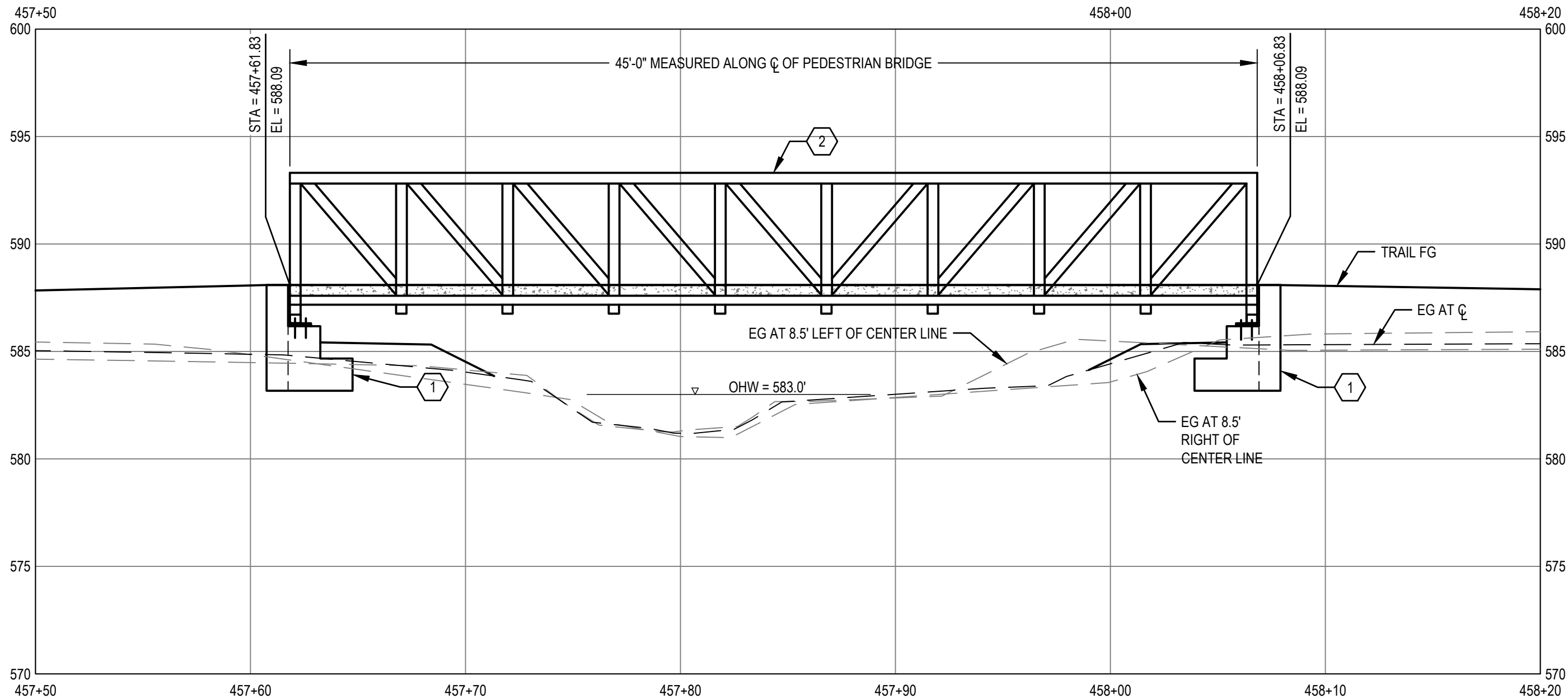
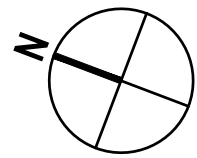
Know what's below.
Call before you dig.

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Underground Service Alert at
811 two working days prior
to excavation



NORGARD LANE BRIDGE - PLAN

SCALE: 1"=5'



NORGARD LANE BRIDGE - PROFILE
STATION 457+61.83 TO 458+06.83

SCALE: 1"=5'

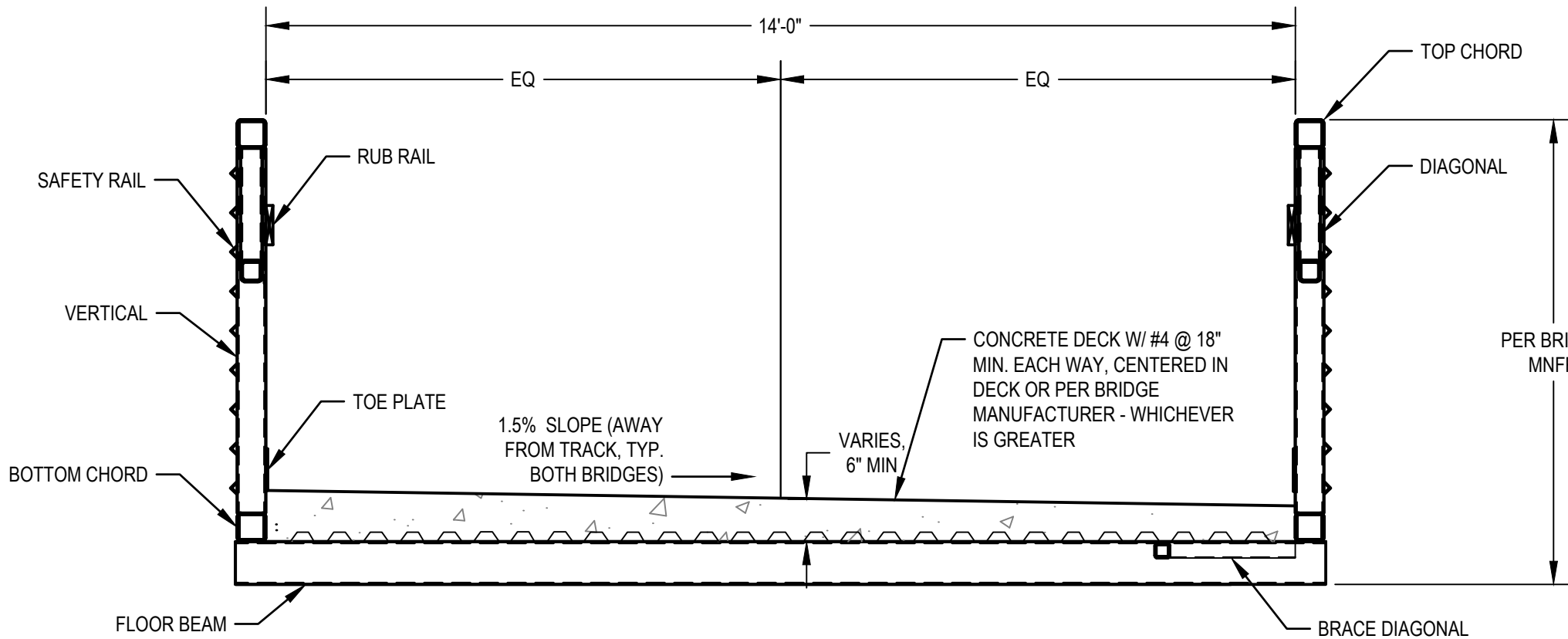


SHEET GENERAL NOTES

- DIMENSIONS SHOWN ARE TYPICAL. FOOTINGS ARE SYMMETRICAL ABOUT CENTERLINE OF TRAIL.
- ALL EXCAVATION WORK NEAR PG&E HIGH-PRESSURE GAS MAINS MUST BE PERFORMED UNDER PG&E STAND-BY OBSERVATION. CONTRACTOR SHALL NOTIFY PG&E STANDBY GOVERNANCE TEAM AT (800) 875-7915 A MINIMUM OF TWO (2) WORKING DAYS IN ADVANCE OF ANY EXCAVATION WORK NEAR PG&E HIGH-PRESSURE GAS MAINS.

SHEET KEYNOTES

- (N) CAST-IN-PLACE CONCRETE RETAINING FOOTING PER DETAIL **1**
S-502
- (N) PRE-MANUFACTURED PEDESTRIAN BRIDGE: SPAN AND WIDTH AS SHOWN THIS SHEET. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
- (N) CAST-IN-PLACE WING WALL PER DETAIL **3**
S-502



BRIDGE TYPICAL SECTION

NOT TO SCALE



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to excavation

No.	Issue	Checked	Approved	Date
Author	A. PRATT	Drafting Check	E. FANSELAU	Project Manager
Designer	S. GOULD	Design Check	E. FANSELAU	Project Director
			M. KENNEDY	

Bar is one inch on
original size sheet

0 5' 1"



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Client CITY OF UKIAH

Project THE GREAT REDWOOD TRAIL PHASE 4

Project No.
12557341

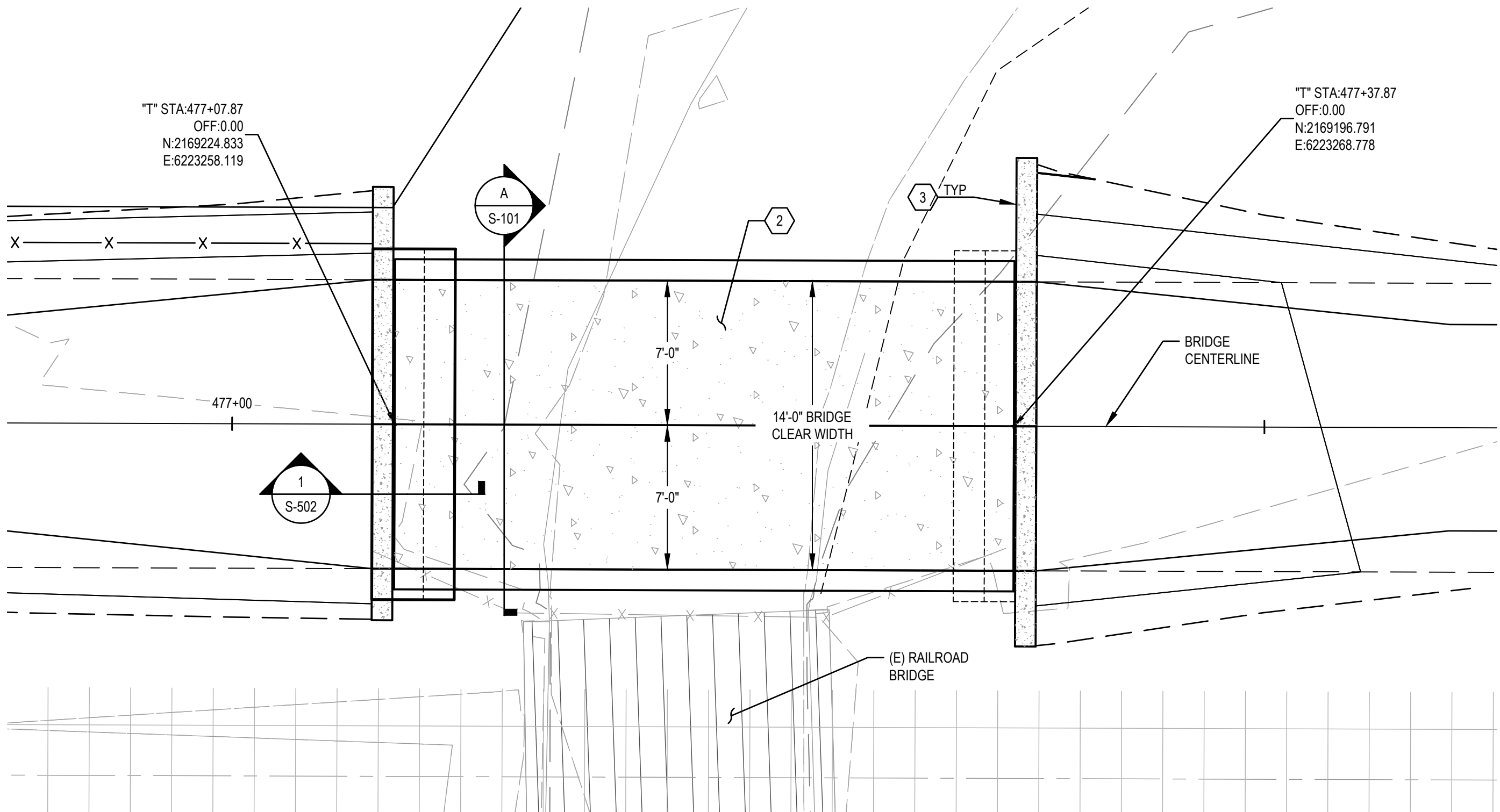
Date
SEP 30, 2022

Scale
AS SHOWN

Title NORGARD LANE BRIDGE PLAN
AND PROFILE - ADD ALTERNATIVE

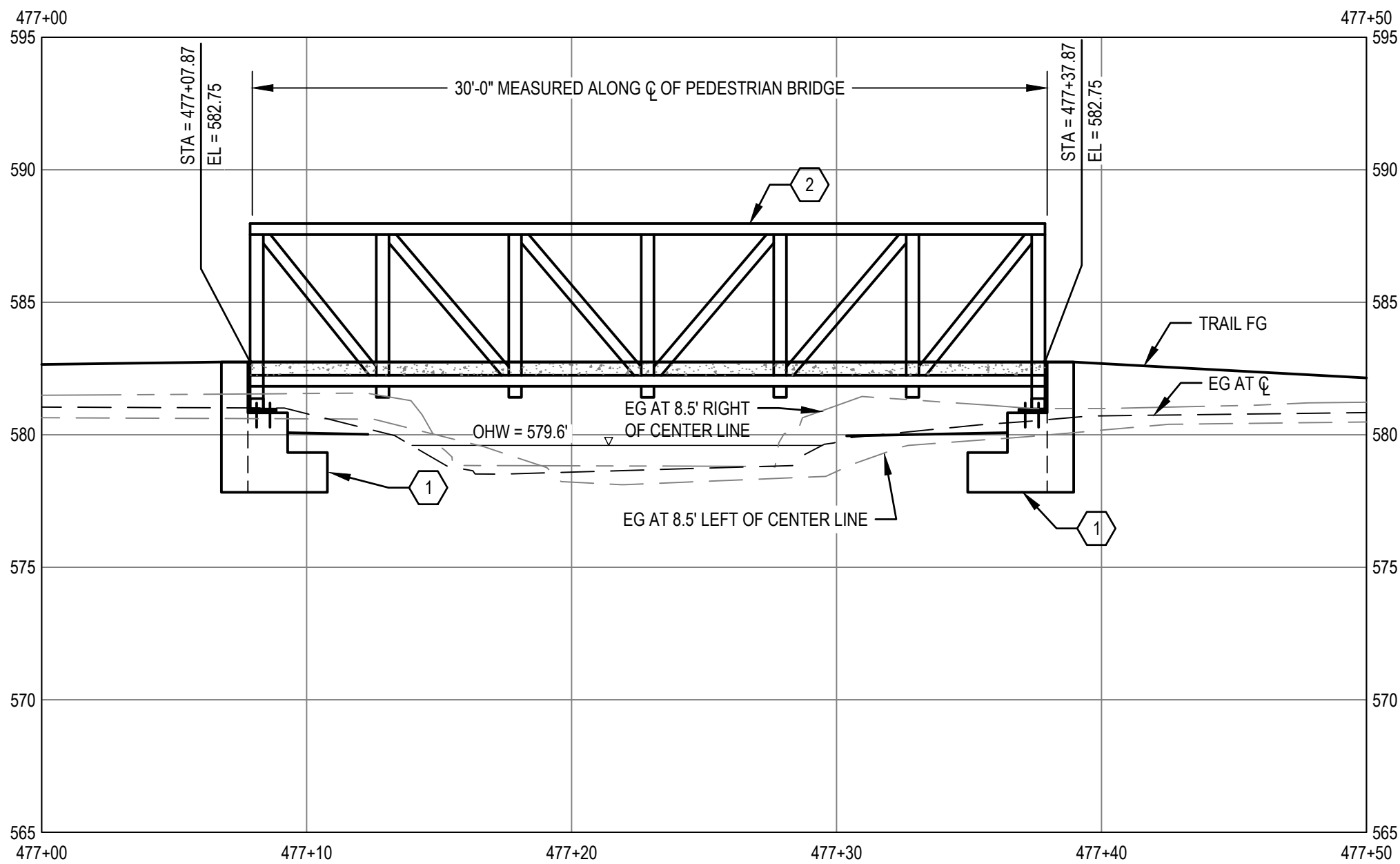
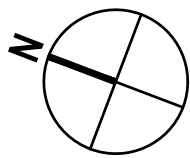
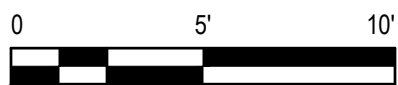
Sheet No.
S-101

Sheet
61 of 96



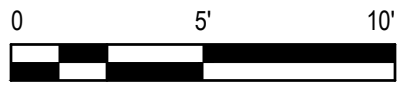
PLANT ROAD BRIDGE - PLAN

SCALE: 1"=5'



PLANT ROAD BRIDGE - PROFILE
STATION 477+07.87 TO 477+37.87

SCALE: 1"=5'



SHEET GENERAL NOTES

1. DIMENSIONS SHOWN ARE TYPICAL. FOOTINGS ARE SYMMETRICAL ABOUT CENTERLINE OF TRAIL.

SHEET KEYNOTES

- 1 (N) CAST-IN-PLACE CONCRETE RETAINING FOOTING PER DETAIL 1 S-502
- 2 (N) PRE-MANUFACTURED PEDESTRIAN BRIDGE. SPAN AND WIDTH AS SHOWN THIS SHEET. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
- 3 (N) CAST-IN-PLACE WING WALL PER DETAIL 3 S-502



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Client CITY OF UKIAH

Project THE GREAT REDWOOD TRAIL PHASE 4

Project No.
12557341

Date
SEP 30, 2022

Scale
AS SHOWN

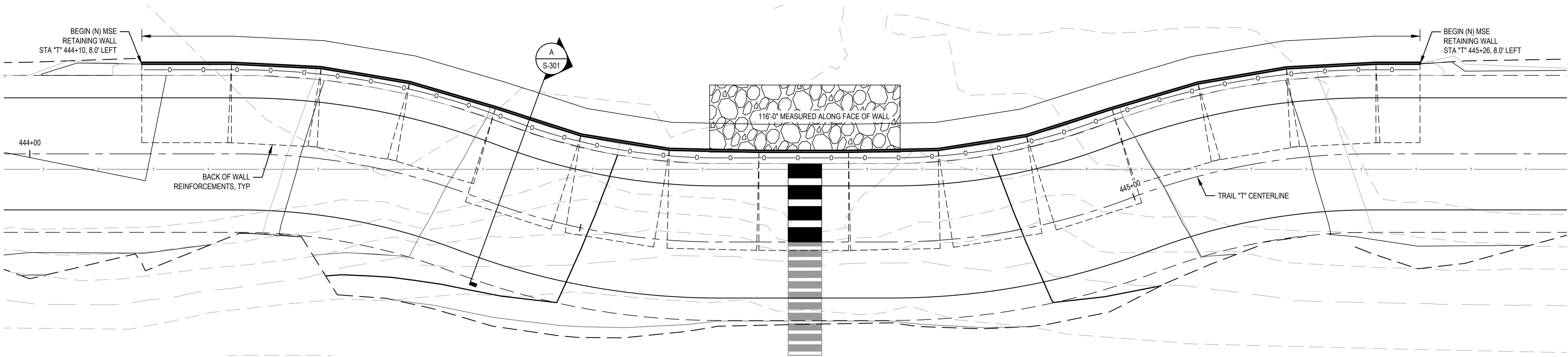
Title PLANT ROAD BRIDGE PLAN AND
PROFILE - ADD ALTERNATIVE

Sheet No.
S-102

Sheet
62 of 96

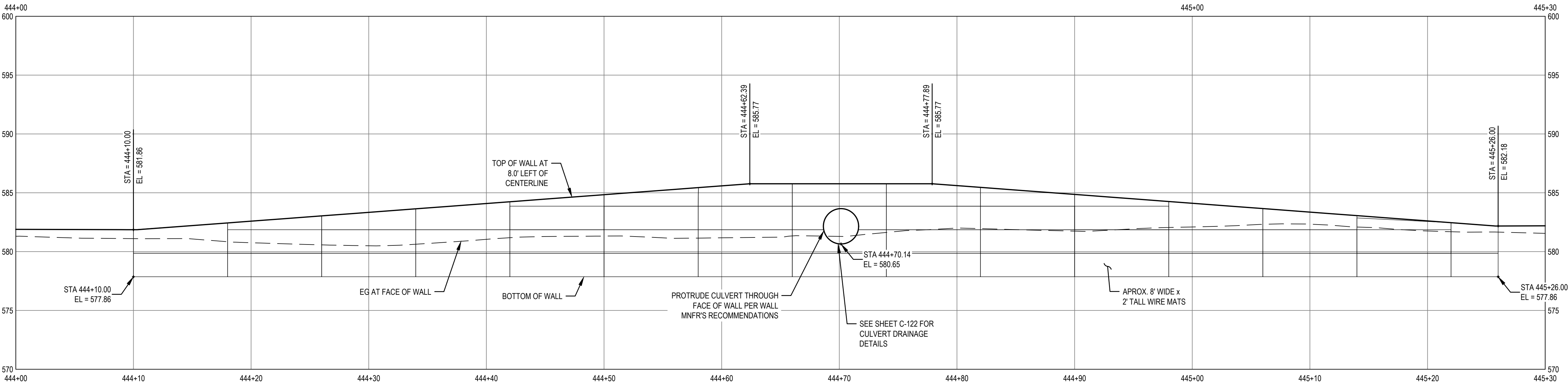
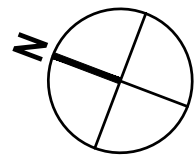
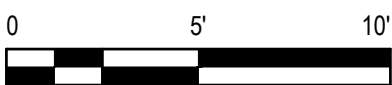
SHEET GENERAL NOTES

1. REFER TO SHEET S-001 FOR WALL DESIGN PARAMETERS.



MSE RETAINING WALL LOCATION - PLAN

SCALE: 1"=5'



MSE RETAINING WALL - PROFILE
STATION 444+10 TO 445+26

SCALE: 1"=5'



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No.	Issue	Checked	Approved	Date
Author	A. PRATT	Drafting Check	E. FANSELAU	Project Manager
Designer	S. GOULD	Design Check	E. FANSELAU	Project Director
			M. KENNEDY	

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Project THE GREAT REDWOOD TRAIL PHASE 4

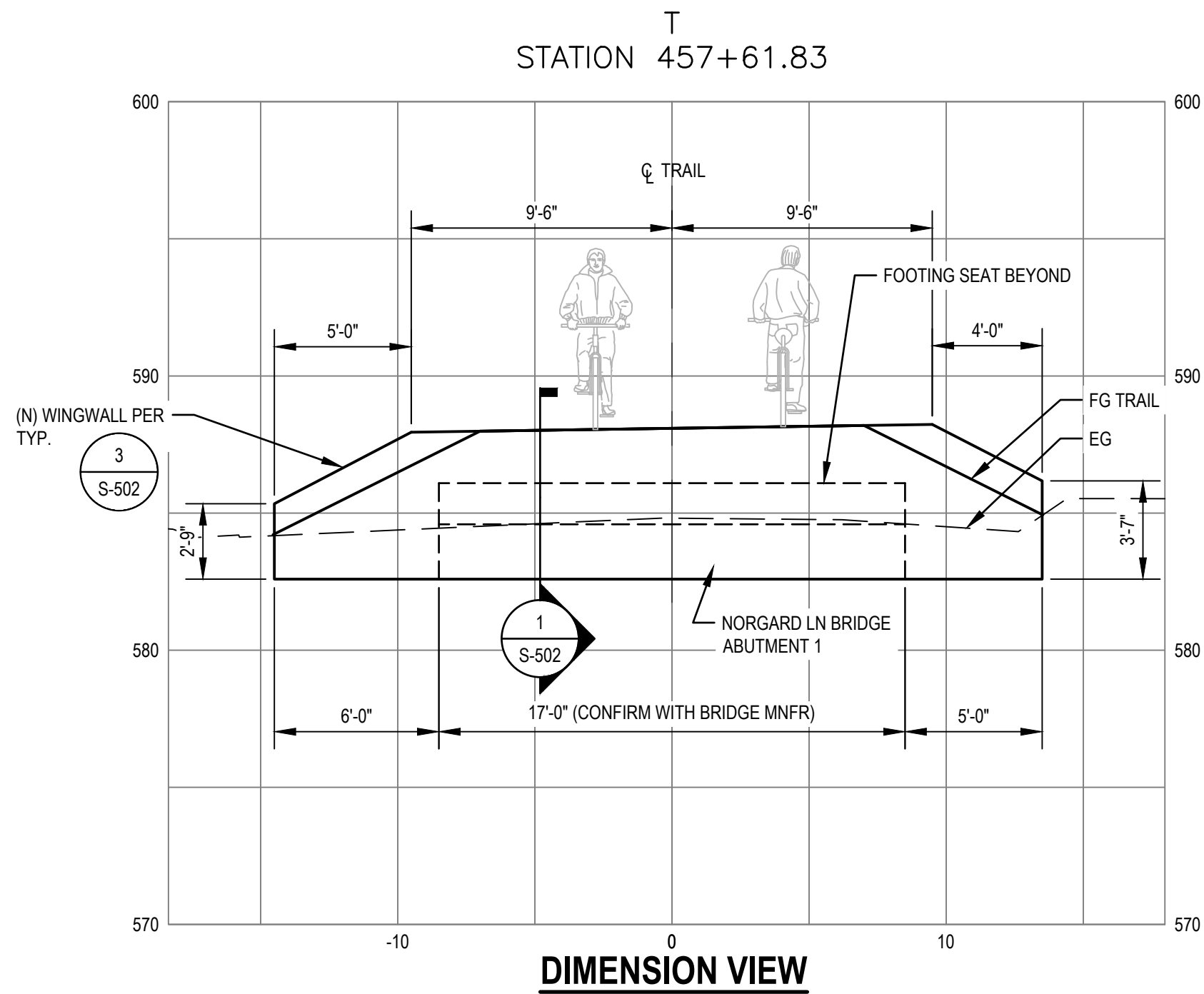
Project No.
12557341

Date
SEP 30, 2022

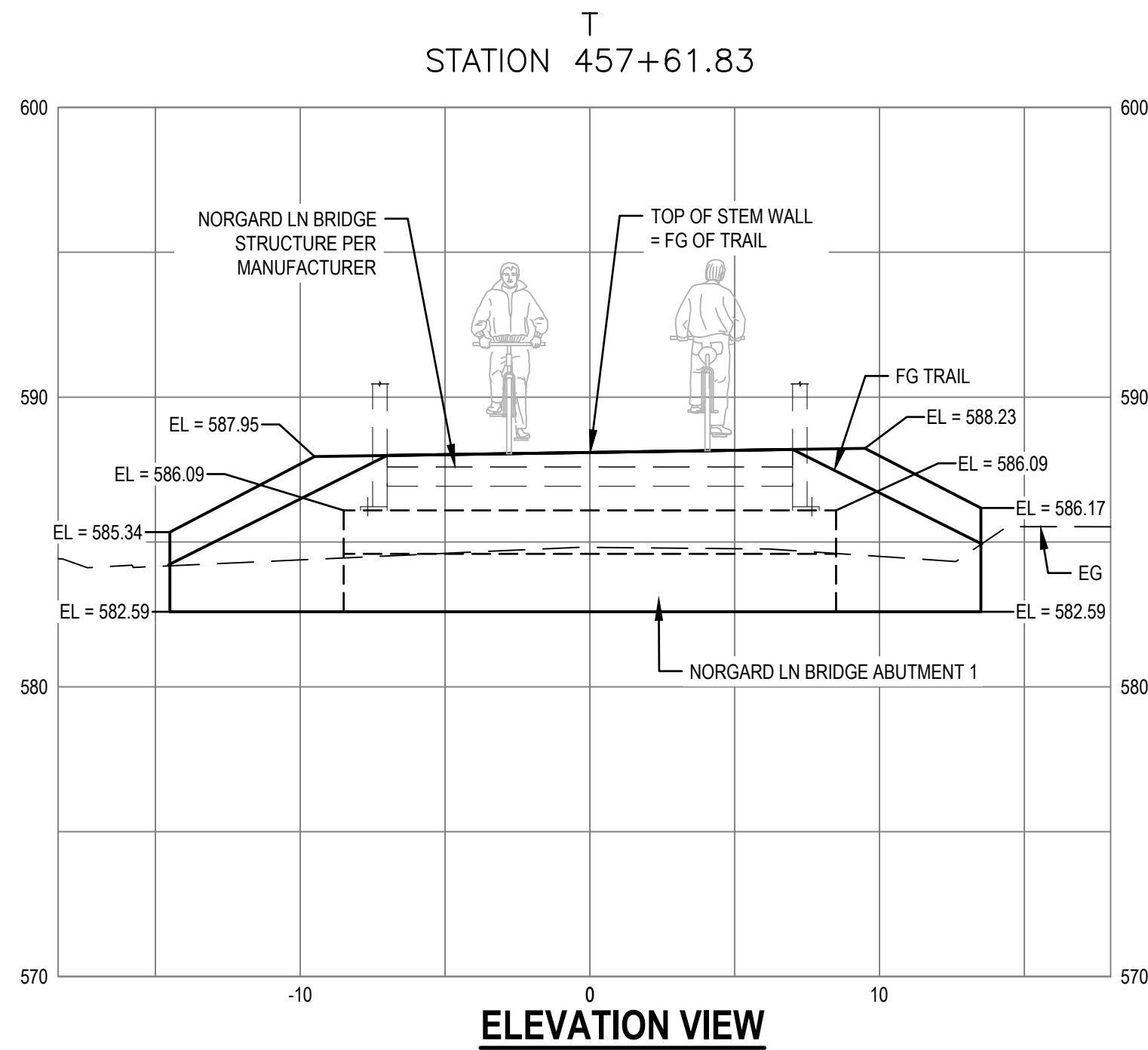
Scale
AS SHOWN

Title RETAINING WALL PLAN, PROFILE ,
AND SECTION

Sheet No.
S-103
Sheet
63 of 96



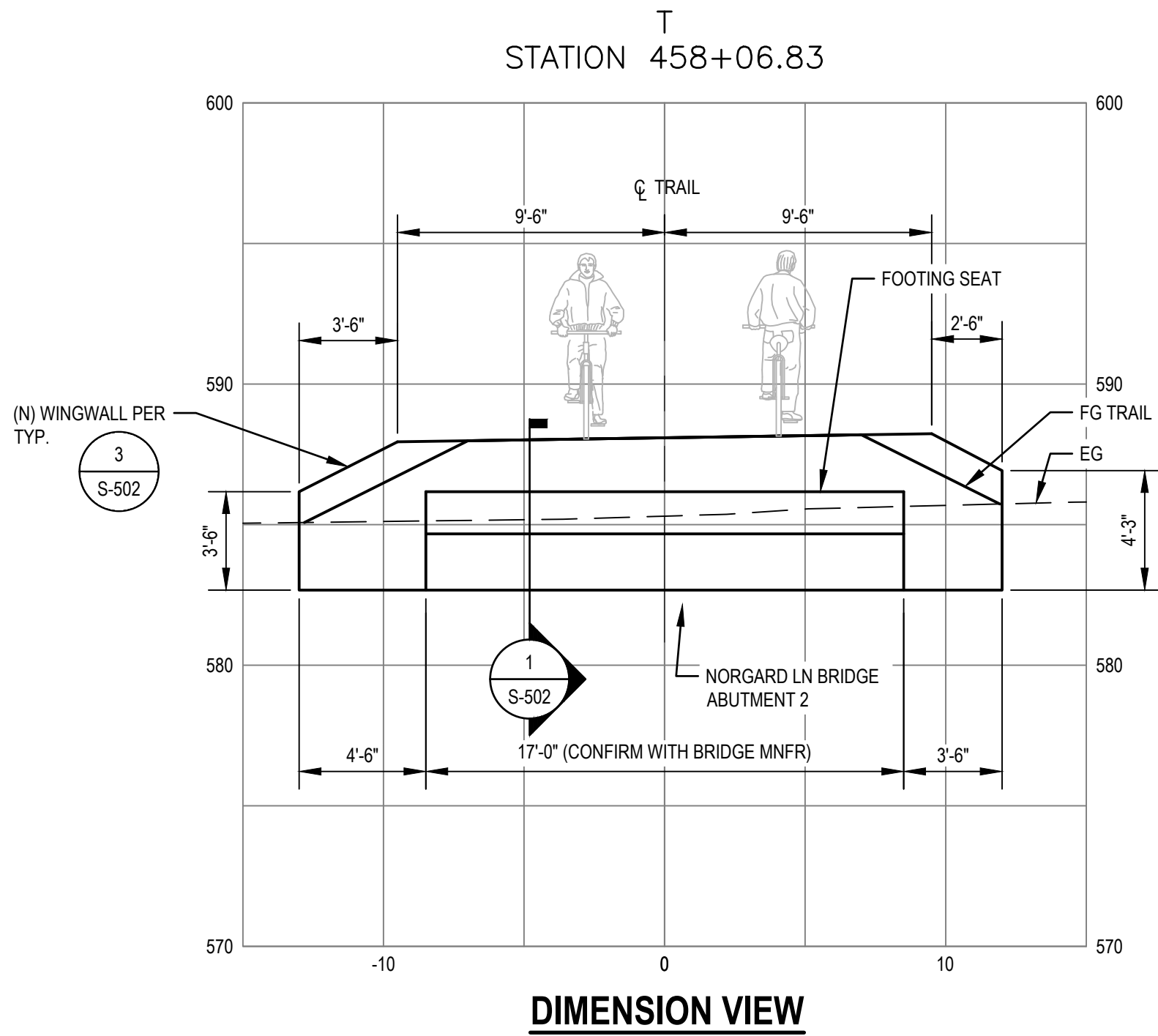
DIMENSION VIEW



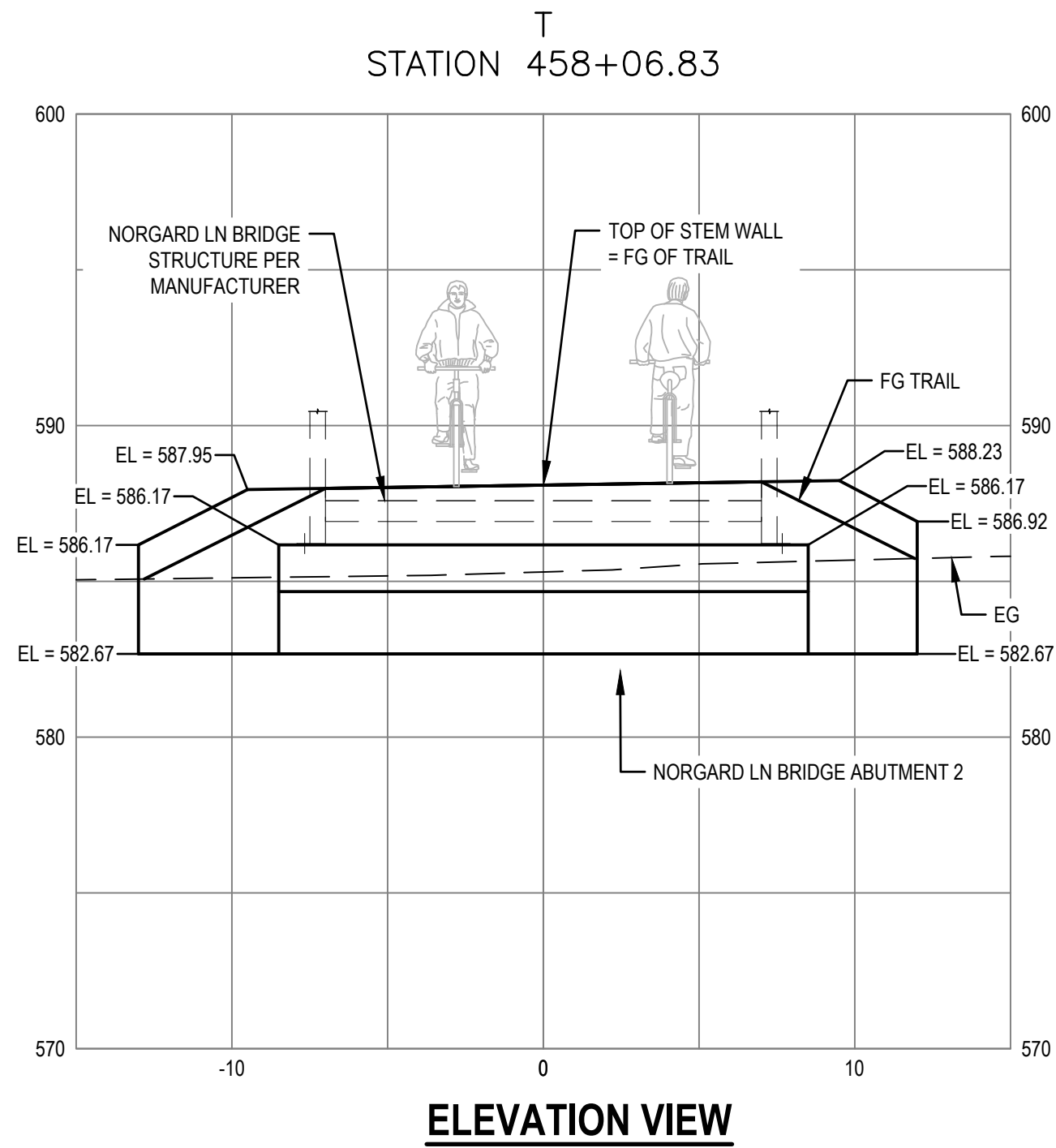
ELEVATION VIEW

N1 NORGARD LANE BRIDGE ABUTMENT 1 - SECTION LOOKING AT ABUTMENT
SCALE: 1" = 5' (H) 1" = 5' (V)

LOOKING DOWN STATION AT BACK OF WING WALL, LEFT TO RIGHT



DIMENSION VIEW



ELEVATION VIEW

N2 NORGARD LANE BRIDGE ABUTMENT 2 - SECTION LOOKING AT ABUTMENT
SCALE: 1" = 5' (H) 1" = 5' (V)

LOOKING DOWN STATION AT FACE OF WING WALL, LEFT TO RIGHT

No.	Issue	Checked	Approved	Date
Author	C. PHELPS	Drafting Check	E. FANSELAU	Project Manager
Designer	S. GOULD	Design Check	B. CROWELL	Project Director
			M. KENNEDY	

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Project **THE GREAT REDWOOD TRAIL PHASE 4**

Project No.
12557341

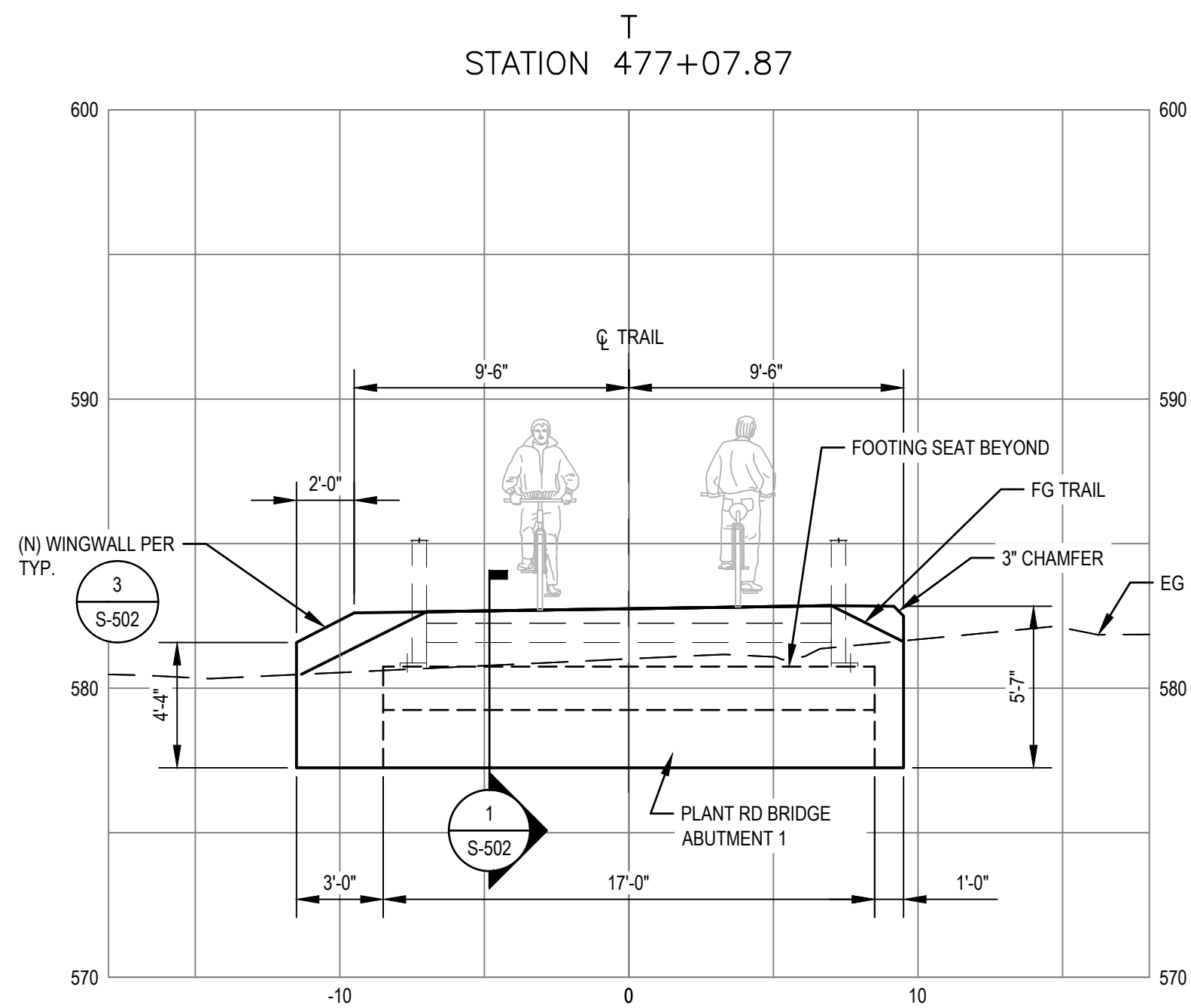
Date
SEP 30, 2022

Scale
1" = 5'

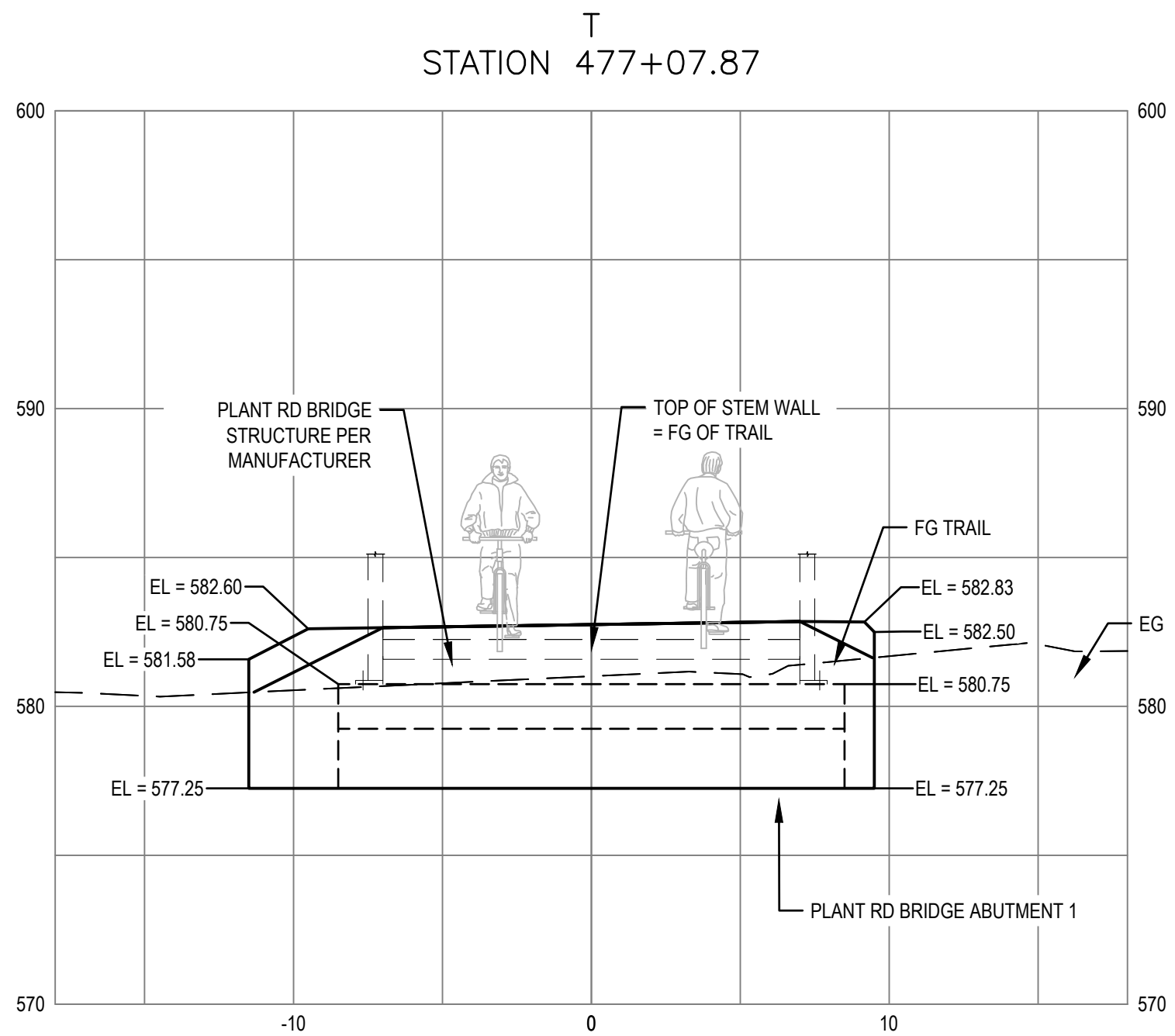
Title **NORGARD LANE BRIDGE
ABUTMENT ELEVATIONS - ADD
ALTERNATIVE**

Sheet No.
S-201

Sheet
64 of 96

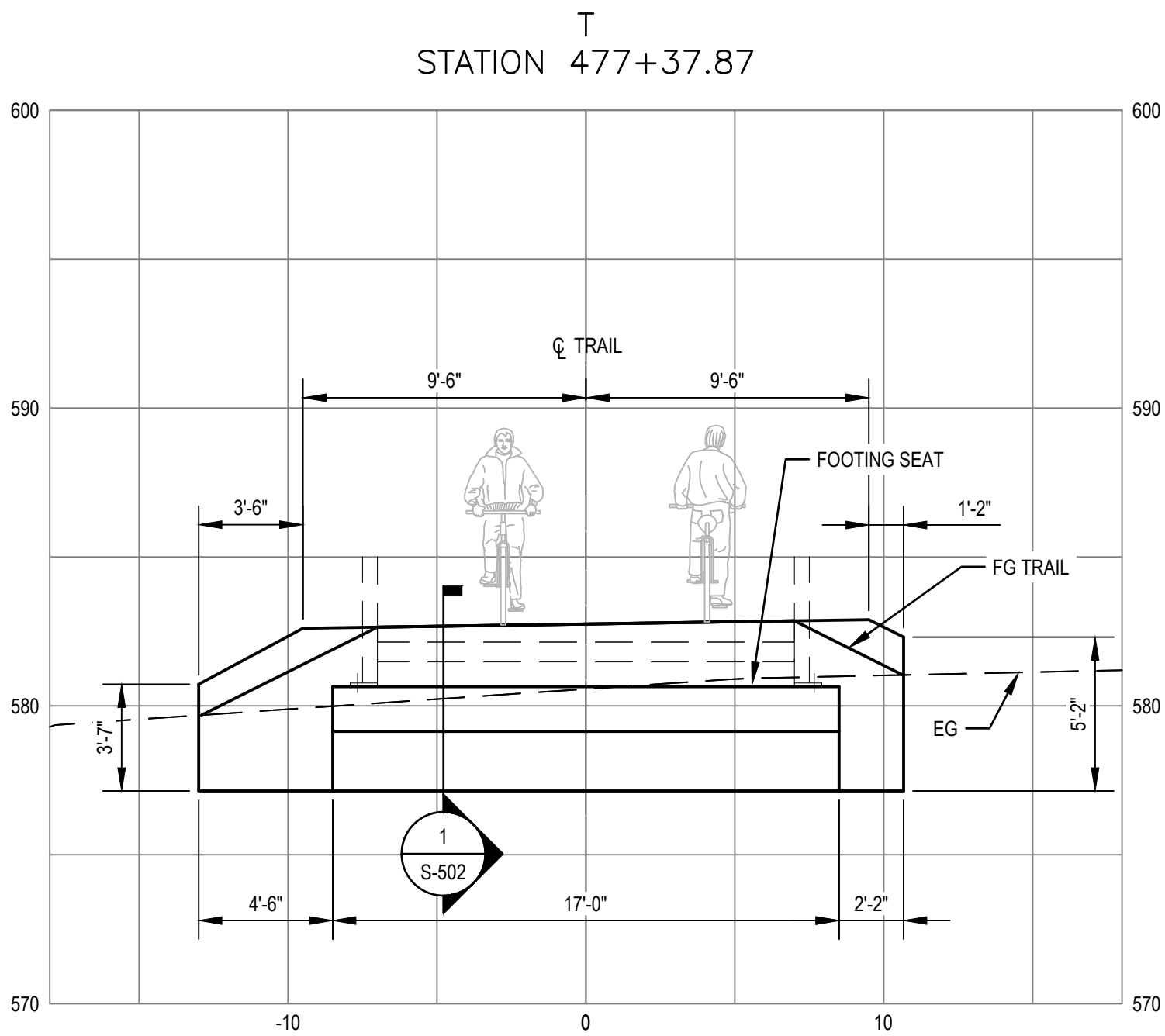


DIMENSION VIEW

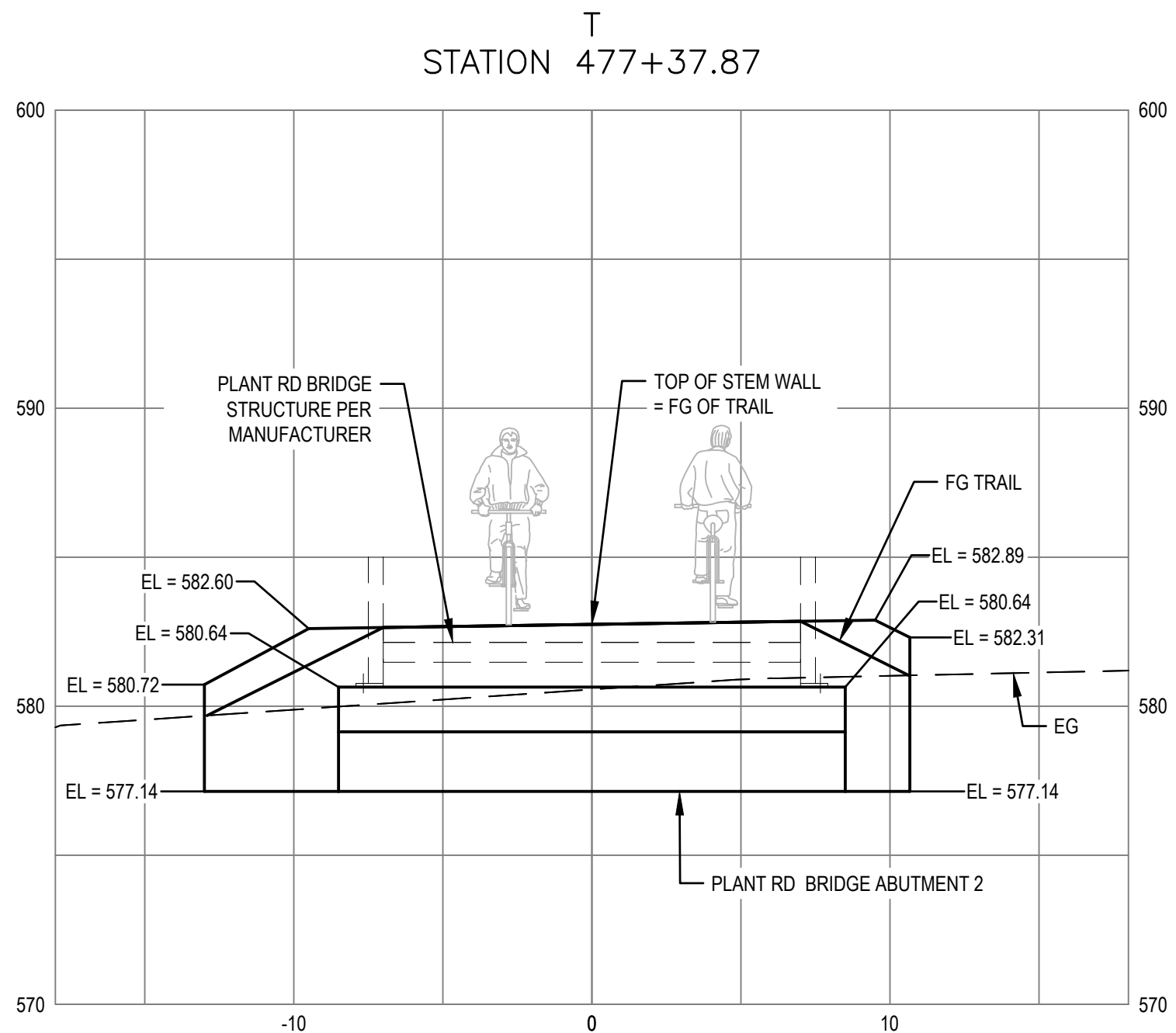


ELEVATION VIEW

P1 PLANT ROAD BRIDGE ABUTMENT 1 - SECTION LOOKING AT ABUTMENT
SCALE: 1" = 5' (H) 1" = 5' (V) LOOKING DOWN STATION AT BACK OF WING WALL, LEFT TO RIGHT



DIMENSION VIEW



ELEVATION VIEW

P2 PLANT ROAD BRIDGE ABUTMENT 2 - SECTION LOOKING AT ABUTMENT
SCALE: 1" = 5' (H) 1" = 5' (V) LOOKING DOWN STATION AT FACE OF WING WALL, LEFT TO RIGHT

No.	Issue			Checked	Approved	Date
Author	C. PHELPS	Drafting Check	E. FANSELAU	Project Manager	E. FANSELAU	
Designer	S. GOULD	Design Check	B. CROWELL	Project Director	M. KENNEDY	

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0 1"



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Project THE GREAT REDWOOD TRAIL PHASE 4

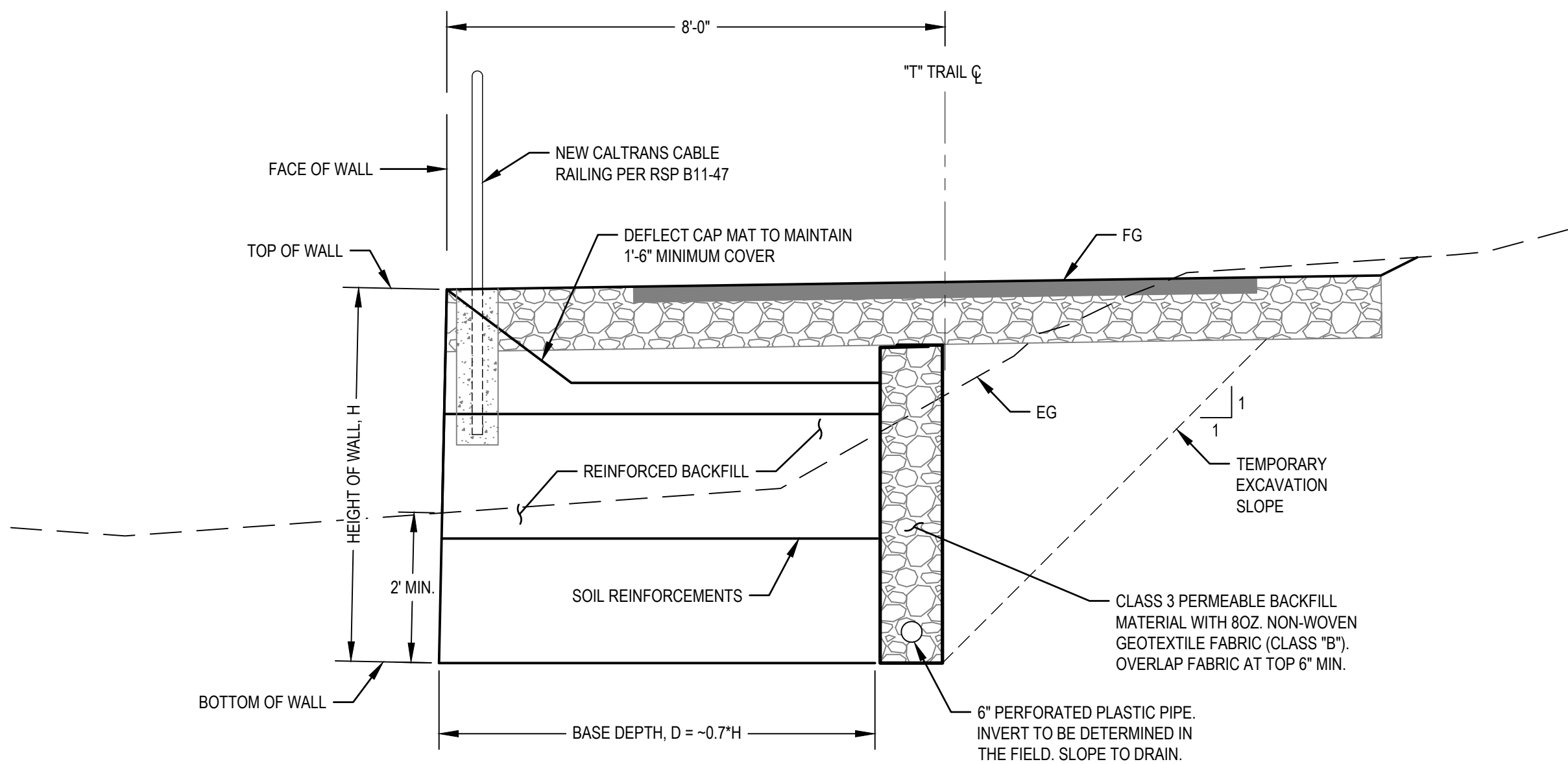
Project No. 12557341

Date SEP 30, 2022

Scale 1" = 5'

Title PLANT ROAD BRIDGE ABUTMENT ELEVATIONS - ADD ALTERNATIVE

Sheet No. S-202
Sheet 65 of 96



RETAINING WALL TYPICAL SECTION
SCALE: 1" = 2'-0"

No.	Issue	Checked	Approved	Date
Author	S. GOULD	Drafting Check	E. FANSELAU	Project Manager
Designer	S. GOULD	Design Check	B. CROWELL	Project Director
			M. KENNEDY	

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Client	CITY OF UKIAH
Project	THE GREAT REDWOOD TRAIL PHASE 4
Project No.	12557341
Date	SEP 30, 2022
Scale	1" = 2'

Title	RETAINING WALL TYPICAL SECTION
Sheet No.	S-301
Sheet	66 of 96

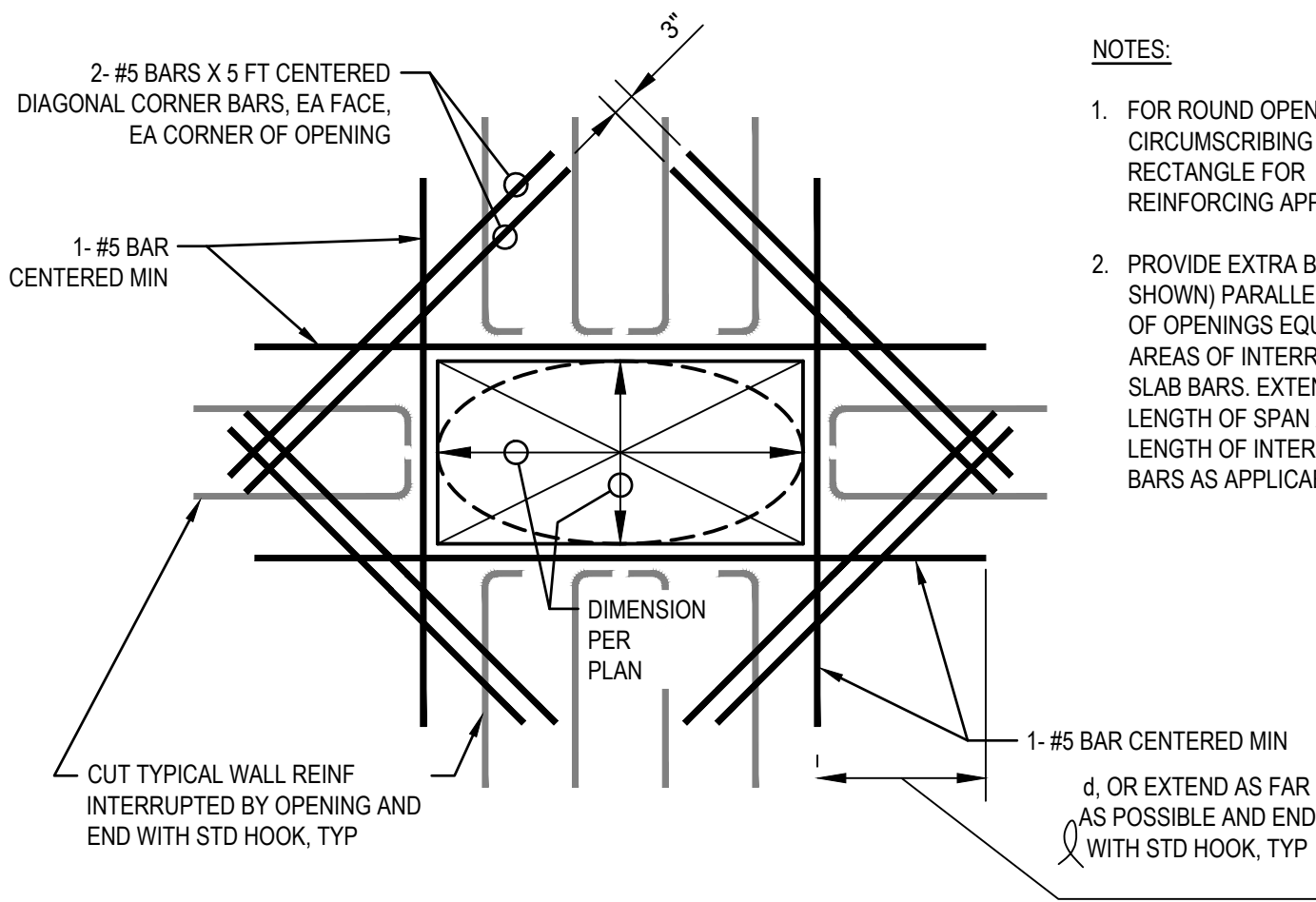
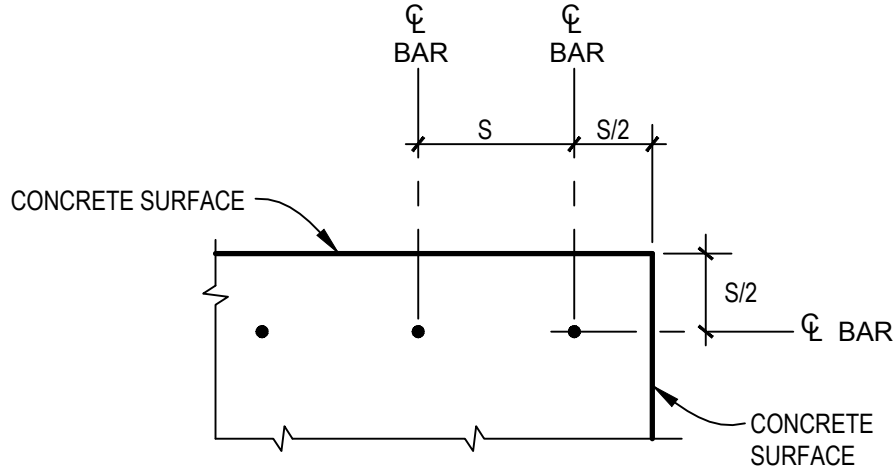
Size
ANSI D

DEVELOPMENT LENGTH (ℓ_d)												
BAR SIZE	3000 PSI CONC (f _c)				4000 PSI CONC (f _c)				5000 PSI CONC (f _c)			
	TOP		OTHER		TOP		OTHER		TOP		OTHER	
	s ≥ 6"	s < 6"	s ≥ 6"	s < 6"	s ≥ 6"	s < 6"	s ≥ 6"	s < 6"	s ≥ 6"	s < 6"	s ≥ 6"	s < 6"
#3	13	22	12	17	12	19	12	15	12	17	12	13
#4	18	29	14	22	15	25	12	19	14	23	12	17
#5	22	36	17	28	19	31	15	24	17	28	13	22
#6	26	43	20	33	23	37	18	29	20	34	16	26
#7	38	63	29	48	33	54	25	42	29	49	23	38
#8	43	72	33	55	37	62	29	48	34	56	26	43
#9	49	81	37	62	42	70	33	54	38	63	29	48
#10	56	89	43	69	49	78	38	60	44	69	34	54
#11	68	98	52	76	59	85	45	66	53	76	41	59

TENSION LAP SPLICE LENGTH (CLASS 'B' SPLICE)												
BAR SIZE	3000 PSI CONC (f _c)				4000 PSI CONC (f _c)				5000 PSI CONC (f _c)			
	TOP		OTHER		TOP		OTHER		TOP		OTHER	
	s ≥ 6"	s < 6"	s ≥ 6"	s < 6"	s ≥ 6"	s < 6"	s ≥ 6"	s < 6"	s ≥ 6"	s < 6"	s ≥ 6"	s < 6"
#3	17	28	16	22	16	25	16	19	16	22	16	17
#4	23	38	18	29	20	33	16	25	18	29	16	23
#5	28	47	22	36	25	41	19	31	22	36	17	28
#6	34	56	26	43	29	49	23	38	26	44	20	34
#7	49	82	38	63	43	71	33	55	38	63	30	49
#8	56	93	43	72	49	81	38	62	44	72	34	56
#9	63	105	49	81	55	91	42	70	49	81	38	63
#10	73	116	56	90	63	101	49	78	57	90	44	70
#11	88	128	68	99	76	111	59	85	68	99	53	76

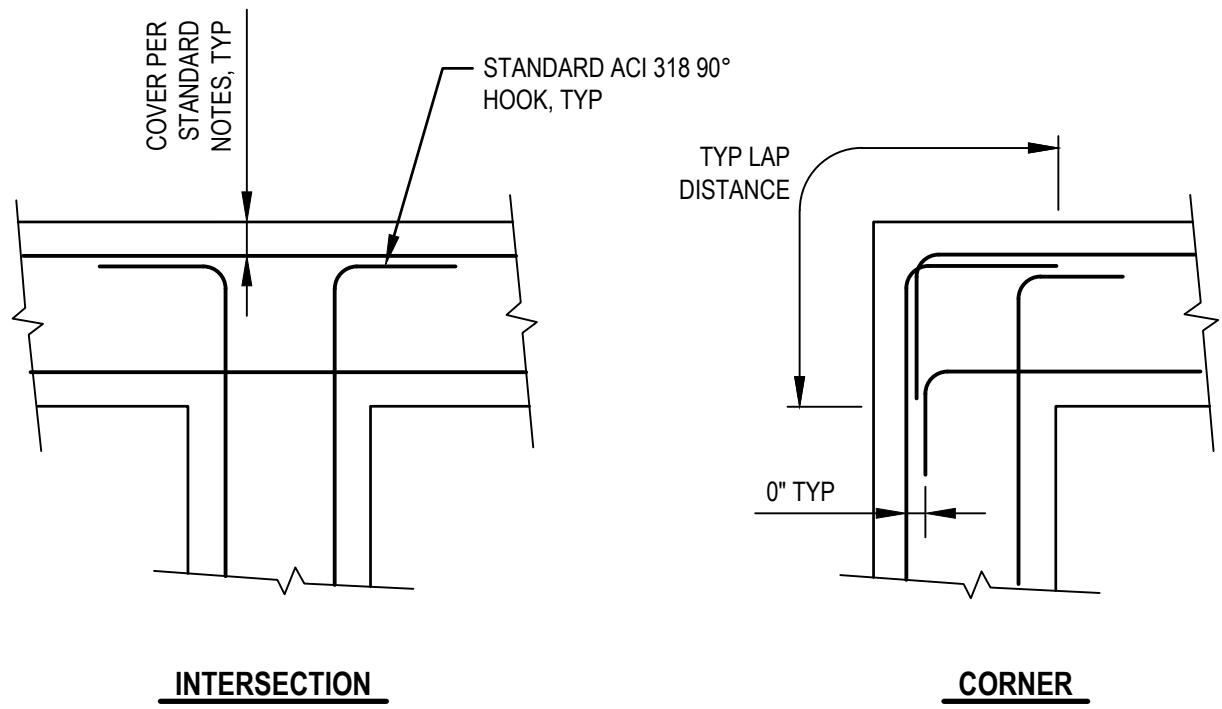
NOTES:

- LENGTHS SHOWN ARE FOR GRADE 60 UNCOATED BARS.
- LENGTHS SHOWN ARE IN INCHES.
- INCREASE LENGTHS 30% FOR LIGHT WEIGHT CONCRETE
- TOP BARS: HORIZONTAL BARS WITH MORE THAN 12" OF FRESH CONCRETE CAST BELOW THEM.
- THE QUANTITY 'S' IS DEFINED AS FOLLOWS:



NOTES:

- FOR ROUND OPENING USE CIRCUMSCRIBING RECTANGLE FOR REINFORCING APPLICATION
- PROVIDE EXTRA BARS (NOT SHOWN) PARALLEL TO SIDES OF OPENINGS EQUAL TO AREAS OF INTERRUPTED SLAB BARS. EXTEND FULL LENGTH OF SPAN AND/OR LENGTH OF INTERRUPTED BARS AS APPLICABLE



1

CONCRETE DEVELOPMENT LENGTHS AND LAP SPLICE LENGTHS

SCALE: 1" = 1'-0"

2

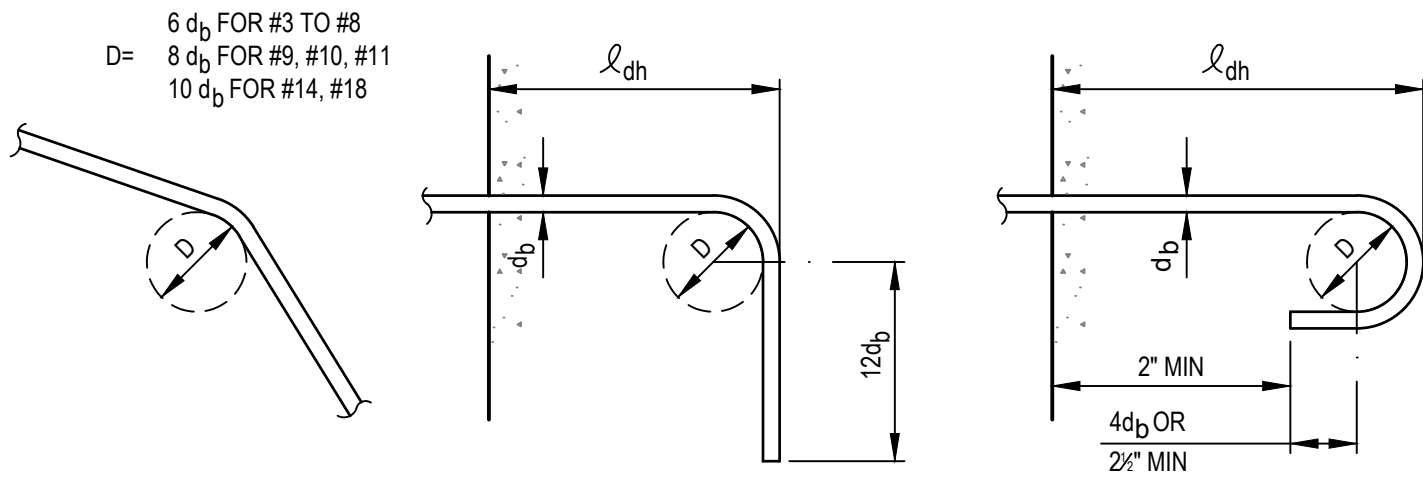
TYP REINFORCEMENT AT WALL & SLAB OPENINGS

SCALE: 1" = 1'-0"

3

TYP REINFORCEMENT AT INTERSECTIONS AND CORNERS

SCALE: 1" = 1'-0"

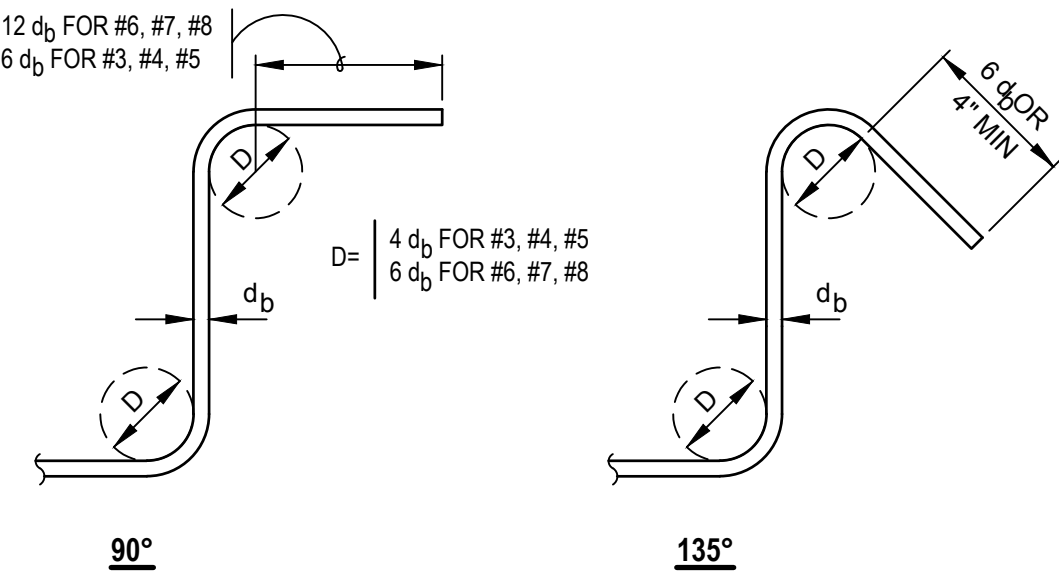


TYP BAR BEND DIAMETER

TYP 90° END HOOK

TYP 180° END HOOK

BAR SIZE	MINIMUM TENSION EMBEDMENT LENGTHS ℓ_{dh} (IN.) FOR STANDARD END HOOKS ON REINFORCING BARS			
	NORMAL WEIGHT CONCRETE, f _c , PSI			
	3000	4000	5000	6000
#3	6	6	6	6
#4	8	7	6	6
#5	10	9	8	7
#6	12	10	9	9
#7	14	12	11	10
#8	16	14	12	11
#9	18	15	14	13
#10	20	17	16	14
#11	22	19	17	16
#14	38	33	29	27
#18	50	43	39	35



90°

135°

BAR SIZE	DEVELOPMENT AND LAP SPLICE LENGTH FOR MASONRY					
	COVER		BAR CENTERED IN			
	1-1/2 (IN)	2 (IN)	6 IN CMU	8 IN CMU	10 IN CMU	12 IN CMU
#3	ℓ_d (IN)	ℓ_d (IN)	ℓ_d (IN)	ℓ_d (IN)	ℓ_d (IN)	ℓ_d (IN)
#3	17	17	16	16	16	16
#4	30	30	21	21	21	21
#5	46	46	32	26	26	26
#6	86	86	54	43	40	40
#7	86	86	NP	60	46	46
#8	86	86	NP	72	71	61

4

REINFORCING BAR ENDS AND BAR HOOKS

SCALE: 1" = 1'-0"

5

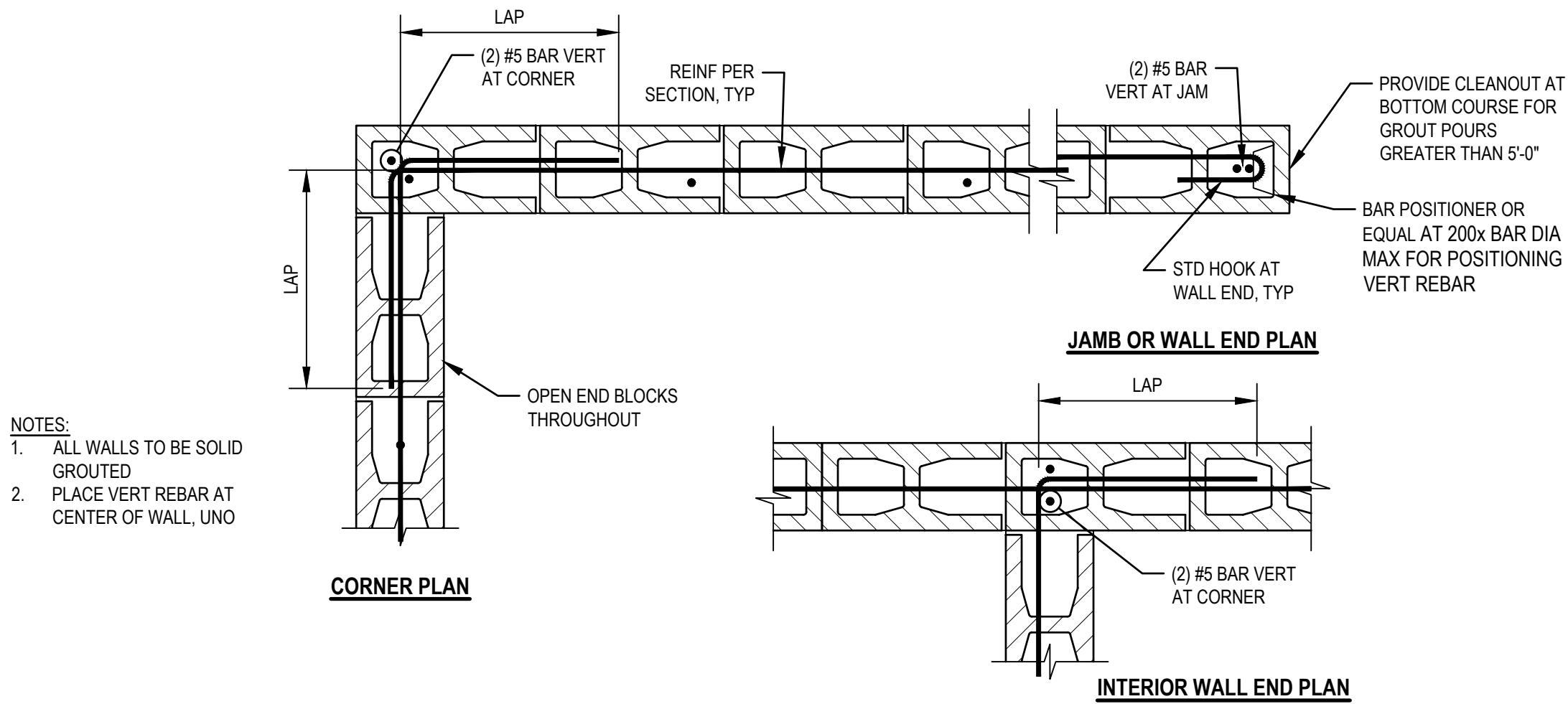
STIRRUP AND TIE HOOKS

SCALE: 1" = 1'-0"

6

MASONRY DEVELOPMENT LENGTH AND LAP SPLICE

SCALE: 1" = 1'-0"



CORNER PLAN

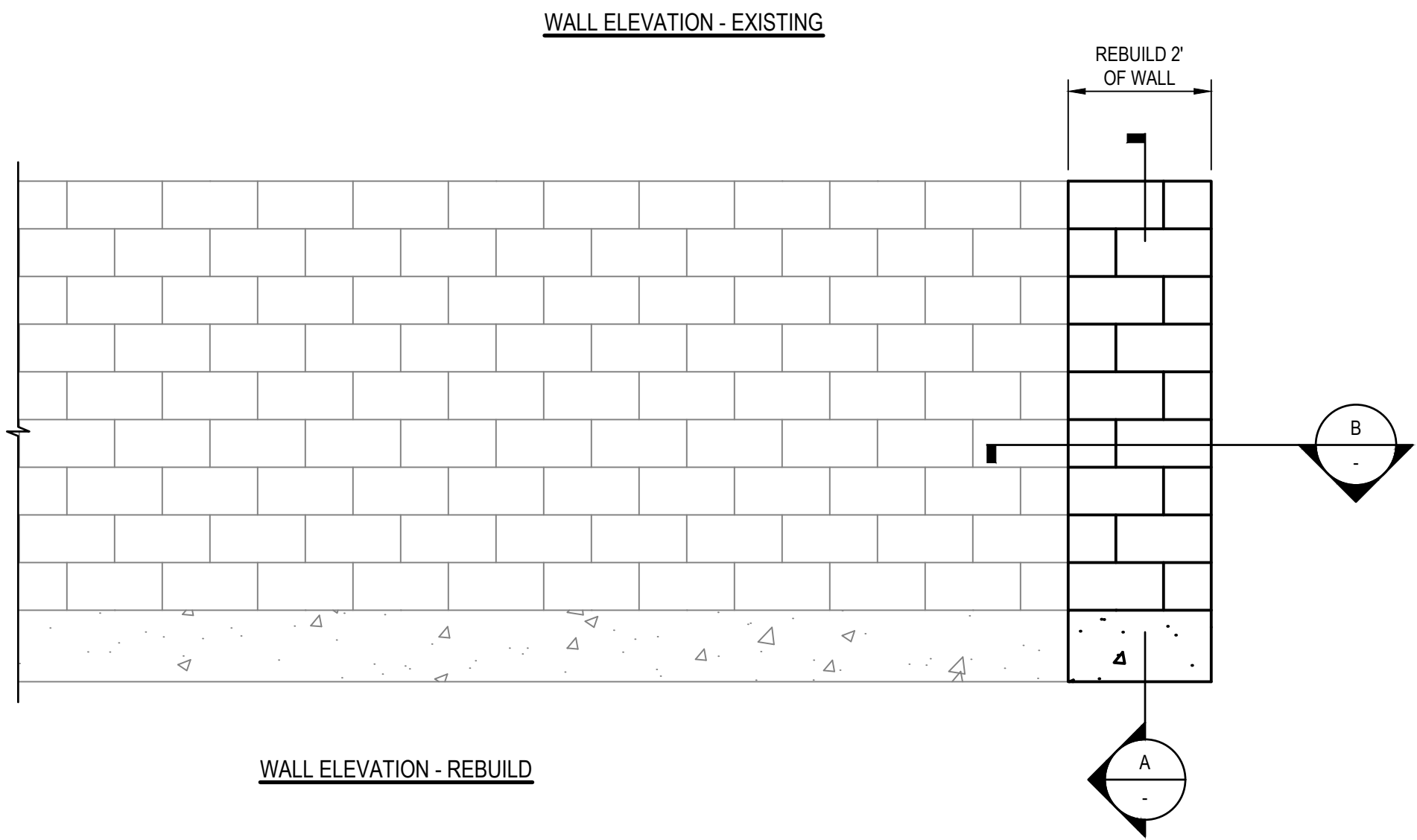
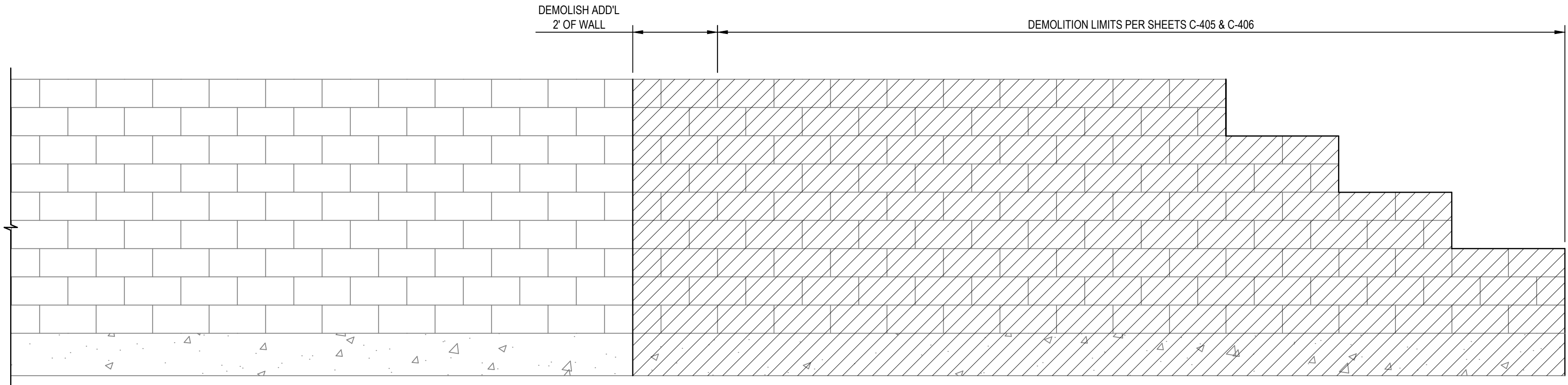
JAMB OR WALL END PLAN

INTERIOR WALL END PLAN

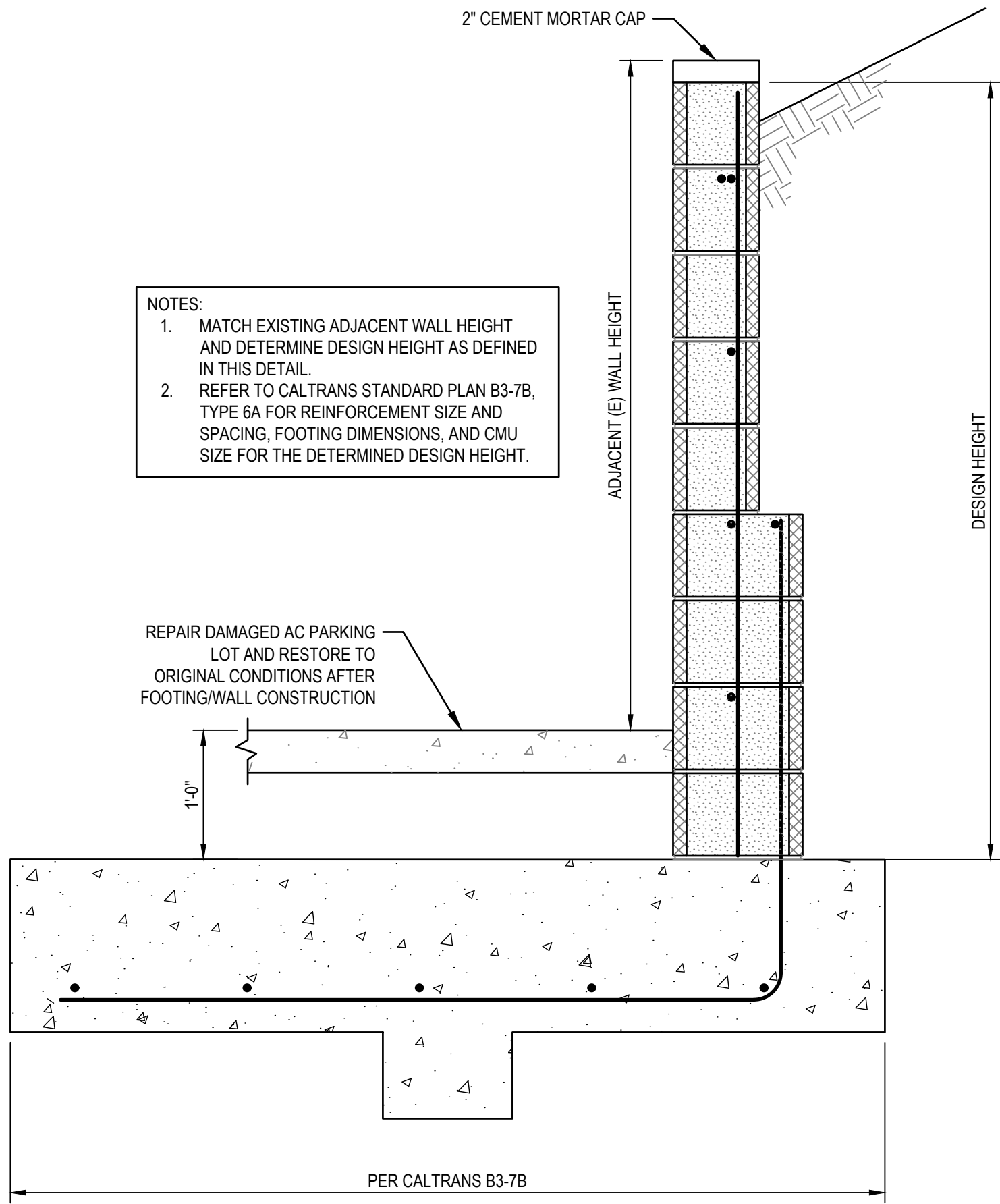
7

TYP CMU WALL ENDS AND CORNERS

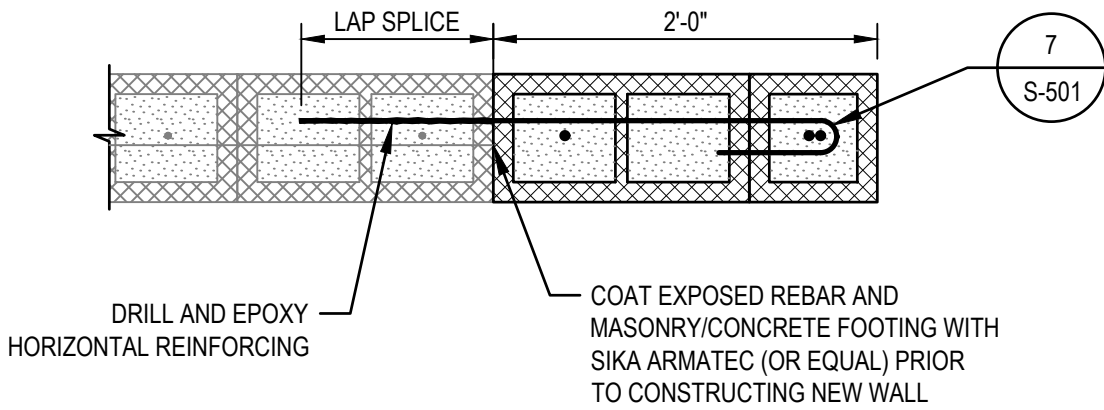
SCALE: 1" = 1'-0"



1 CMU WALL DEMOLITION DETAIL
SCALE: 1" = 2'-0"



A CMU WALL SECTION
SCALE: 1" = 1'-0"



B CMU CONNECTION SECTION
SCALE: 1" = 1'-0"



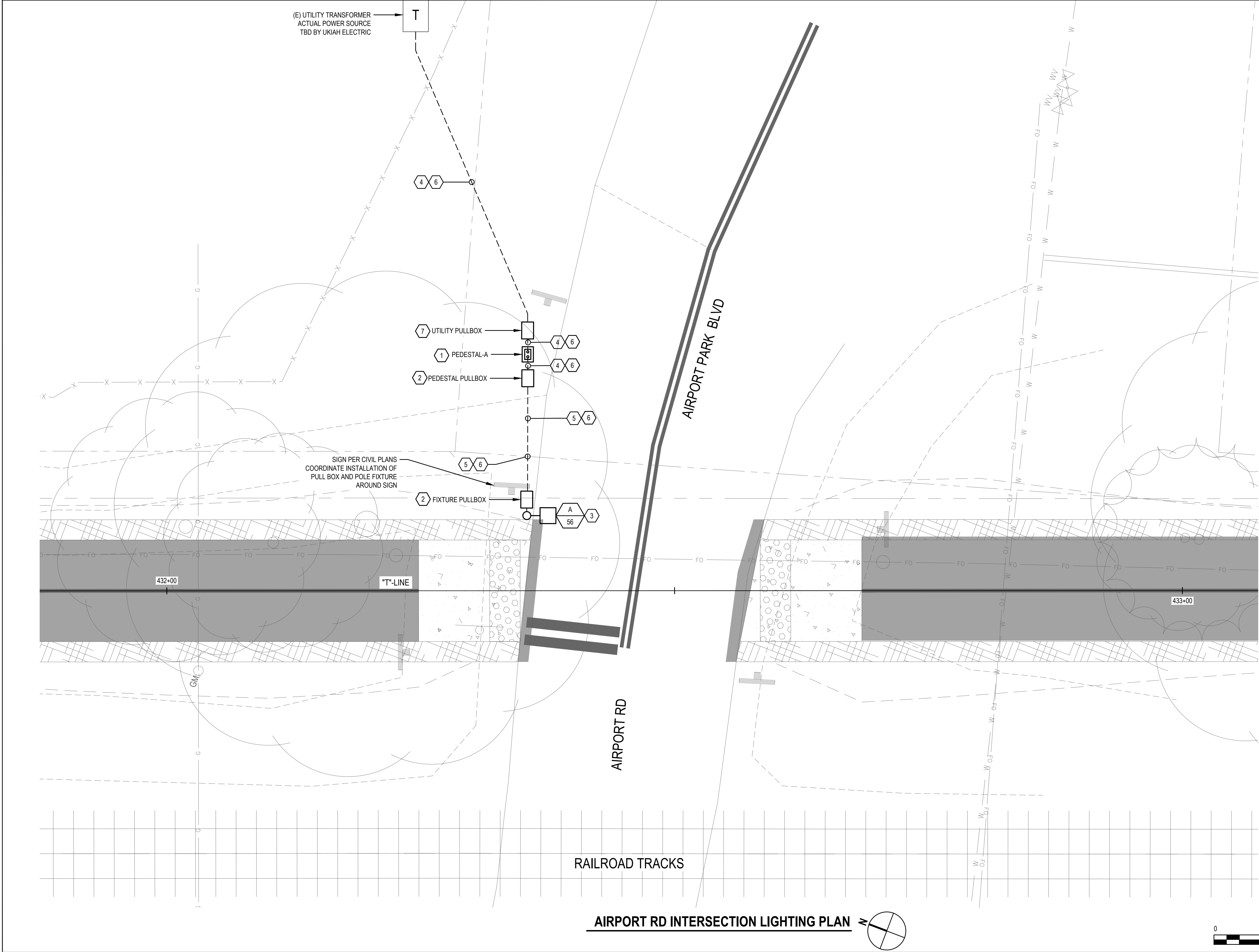
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				Bar is one inch on original size sheet 0 1"			 GHD Inc. 2235 Mercury Way Suite 150 Santa Rosa California 95407 USA T 1 707 523 1010 F 1 707 527 8679 www.ghd.com Conditions of Use This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD. This document may only be used by GHD's client (and any other person who GHD has agreed can use this document) for the purpose for which it was prepared and must not be used by any other person or for any other purpose.	 www.ghd.com	Client CITY OF UKIAH		Title CMU WALL DEMOLITION DETAILS		Size ANSI D																																														
									Project THE GREAT REDWOOD TRAIL PHASE 4																																																		
									Project No. 12557341		Date SEP 30, 2022			Scale AS SHOWN		Sheet No. S-503		Sheet 69 of 96																																									
No. Issue		Checked		Approved					Date																																																		
Author S. GOULD		Drafting Check E. FANSELAU		Project Manager E. FANSELAU																																																							
Designer S. GOULD		Design Check B. CROWELL		Project Director M. KENNEDY																																																							
Plot Date: 30 September 2022 - 5:20 PM																				Plotted By: Haytham Daas																				Filename: N:\US\Santa Rosa\Projects\5611\12557341\Digital_Design\Sheet\12557341-GHD-0000-RWA-ST-D503.dwg																			

		ABBREVIATIONS		ELECTRICAL SYMBOLS LEGEND		GENERAL ELECTRICAL NOTES	
	(D) (E) (F) (N)	DEMOLISH EXISTING FUTURE NEW		POWER		EQUIPMENT	
	A AC AF AFF AFG AIC ATS AWG	AMPERES ALTERNATING CURRENT AMP FRAME ABOVE FINISHED FLOOR ABOVE FINISHED GRADE AMPS INTERRUPTING CAPACITY AUTOMATIC TRANSFER SWITCH AMERICAN WIRE GAUGE					
	BAT BFG	BATTERY BELOW FINISH GRADE					
	C CB CO CPT CT CU	CONDUIT CIRCUIT BREAKER CONDUIT ONLY CONTROL POWER TRANSFORMER CURRENT TRANSFORMER COPPER					
	DC	DIRECT CURRENT					
	EGU EM EMT ENT EP	ENGINE GENERATOR UNIT EMERGENCY ELECTRICAL METALLIC TUBING ELECTRICAL NON-METALLIC TUBING EXPLOSION PROOF					
	FC FU	FOOT CANDLE FUSE					
	GND GFCI GFI GFR	GROUND GROUND FAULT CIRCUIT INTERRUPTER GROUND FAULT INTERRUPTER GROUND FAULT RELAY					
	HID HOA HP HPS	HIGH INTENSITY DISCHARGE "HAND-OFF-AUTO" SWITCH HORSEPOWER HIGH PRESSURE SODIUM					
	IG	ISOLATED GROUND					
	JB	JUNCTION BOX					
	KAIC KV KVA KW KWH	KILO-AMPS INTERRUPTING CAPACITY KILOVOLT KILOVOLT-AMP KILOWATT KILOWATT-HOUR					
	LV	LOW VOLTAGE					
	MCB MCC MCP MFR MLO MV	MAIN CIRCUIT BREAKER MOTOR CONTROL CENTER MOTOR CIRCUIT PROTECTOR MANUFACTURER MAIN LUGS ONLY MEDIUM VOLTAGE					
	NIC NL NTS	NOT IN CONTRACT NIGHT LIGHT NOT TO SCALE					
	OC	ON CENTER					
	PA PT PVC PB	PUBLIC ADDRESS POTENTIAL TRANSFORMER POLYVINYL CHLORIDE PULL BOX, ELECTRICAL					
	RECPT RGS RVSS RTU	RECEPTACLE, OUTLET RIGID GALVANIZED STEEL (CONDUIT) REDUCED VOLTAGE SOFT START REMOTE TERMINAL UNIT					
	TBD TVSS	TO BE DETERMINED TRANS. VOLT. SURGE SUPPRESSOR					
	UF UG UON	UNDER FLOOR UNDERGROUND UNLESS OTHERWISE NOTED					
	V VA VFD	VOLT VOLT-AMP VARIABLE FREQUENCY DRIVE					
	WP WPI	WEATHERPROOF WEATHERPROOF IN USE					
	XFMR	TRANSFORMER					

						Bar is one inch on original size sheet 0 1"		ERICK A. OSORNO REGISTERED PROFESSIONAL ENGINEER NO. 10003 ELECTRICAL STATE OF CALIFORNIA 9/30/2022		GHD GHD Inc. 2235 Mercury Way Suite 150 Santa Rosa California 95407 USA T 1 707 523 1010 F 1 707 527 8679 www.ghd.com Conditions of Use This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD. This document may only be used by GHD's client (and any other person who GHD has agreed can use this document) for the purpose for which it was prepared and must not be used by any other person or for any other purpose.		www.ghd.com		Client CITY OF UKIAH Project THE GREAT REDWOOD TRAIL PHASE 4		Title ELECTRICAL SYMBOLS LEGEND, ABBREVIATIONS, AND GENERAL NOTES		Size ANSI D											
<table><tr><td>No.</td><td>Issue</td><td></td><td>Checked</td><td>Approved</td><td>Date</td></tr><tr><td>Author</td><td>A.YOUNG</td><td>Drafting Check</td><td>H.DAAS</td><td>Project Manager</td><td>E. FANSELAU</td></tr><tr><td>Designer</td><td>E.OSORNO</td><td>Design Check</td><td>C.RICHARDS</td><td>Project Director</td><td>M. KENNEDY</td></tr></table>						No.	Issue		Checked	Approved	Date	Author	A.YOUNG	Drafting Check	H.DAAS	Project Manager	E. FANSELAU	Designer	E.OSORNO	Design Check	C.RICHARDS	Project Director	M. KENNEDY			Project No. 12557341 Date SEP 30, 2022 Scale NO SCALE		Sheet No. E-001 Sheet 70 of 96	
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Designer	E.OSORNO	Design Check	C.RICHARDS	Project Director	M. KENNEDY																								



- SHEET GENERAL NOTES**
1.

COORDINATE PROVISIONS AND REQUIREMENTS FOR 100A POWER SERVICE WITH UKIAH ELECTRIC. POWER SOURCE FOR SERVICE TBD BY UKIAH ELECTRIC.
2.

REFER TO LIGHTING FIXTURE SCHEDULE ON SHEET E-601.
- SHEET KEYNOTES**
1.

PROVIDE SERVICE PEDESTAL COMPLETE WITH MAIN SERVICE BREAKER, BRANCH CIRCUIT BREAKERS, TIMECLOCK, AND CONCRETE BASE. SEE DETAIL 5 ON SHEET E-501.
2.

PROVIDE PULLBOX, CHRISTY B1017 WITH BASE AND COVER OR EQUAL. SEE DETAIL 3 ON SHEET E-501.
3.

PROVIDE LIGHT FIXTURE COMPLETE WITH POLE, CONCRETE POLE BASE, AND MOUNTING ACCESSORIES AS REQUIRED. SEE DETAIL 1 ON SHEET E-502.
4.

PROVIDE 3" CONDUIT IN TRENCH WITH PULLSTRING. POWER SOURCE FOR (N) SERVICE TO BE DETERMINED BY UKIAH ELECTRIC.
5.

PROVIDE LIGHTING POWER CIRCUIT CONSISTING OF (2) #10AWG, #10 GND IN 2" CONDUIT.
6.

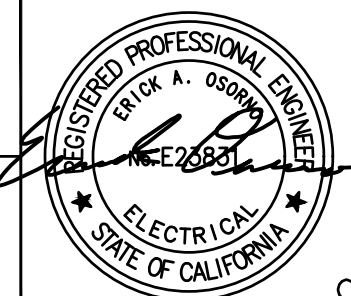
PROVIDE CONDUIT IN TRENCH. SEE DETAIL 1 ON SHEET E-501.
7.

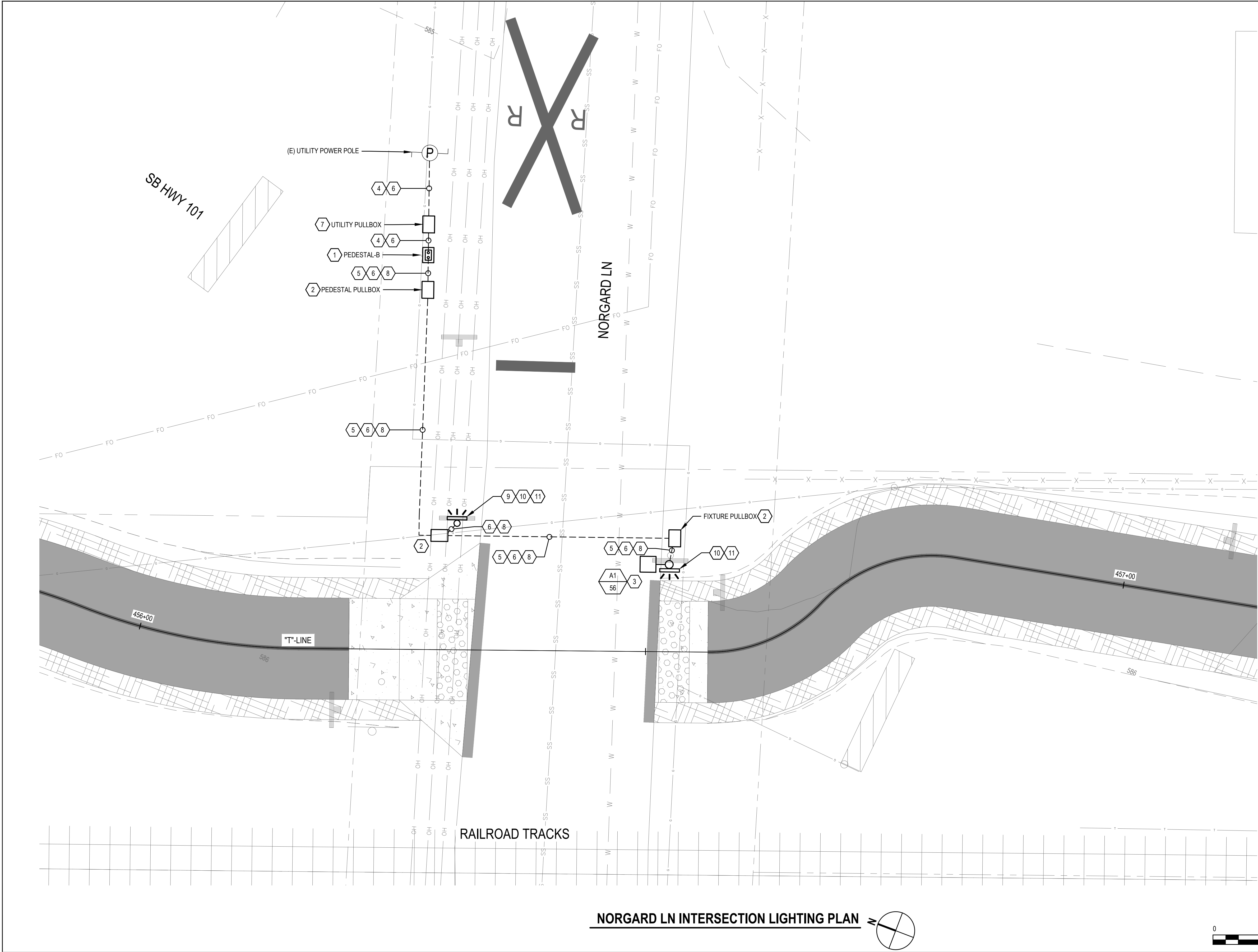
PROVIDE UTILITY PULLBOX, B2234 WITH BASE AND COVER OR EQUAL. SEE DETAIL 3 ON SHEET E-501.



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Contractor shall call
Underground Service Alert at
811 two working days prior
to excavation

				Bar is one inch on original size sheet 0 1"		 9/30/2022	 GHD Inc. 2235 Mercury Way Suite 150 Santa Rosa California 95407 USA T 1 707 523 1010 F 1 707 527 8679  www.ghd.com	Client CITY OF UKIAH		Title TRAIL LIGHTING PLAN 1		Size ANSI D																	
								Project THE GREAT REDWOOD TRAIL PHASE 4																					
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SHEET GENERAL NOTES

- COORDINATE PROVISIONS AND REQUIREMENTS FOR 100A POWER SERVICE WITH PG&E. POWER SOURCE FOR SERVICE TBD BY PG&E.
- REFER TO LIGHTING FIXTURE SCHEDULE ON SHEET E-601.

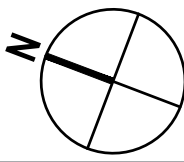
SHEET KEYNOTES

- PROVIDE SERVICE PEDESTAL COMPLETE WITH MAIN SERVICE BREAKER, BRANCH CIRCUIT BREAKERS, TIMECLOCK, AND CONCRETE BASE. SEE DETAIL 5 ON SHEET E-501.
- PROVIDE PULLBOX, CHRISTY B1017 WITH BASE AND COVER OR EQUAL. SEE DETAIL 3 ON SHEET E-501.
- PROVIDE LIGHT FIXTURE COMPLETE WITH 20' POLE, CONCRETE POLE BASE, AND MOUNTING ACCESSORIES AS REQUIRED. SEE DETAIL 1 ON SHEET E-502 FOR CONCRETE POLE FOUNDATION. PROVIDE ENHANCED TRAIL SIGN ON LIGHT FIXTURE POLE. SEE DETAIL 2 ON SHEET E-502 FOR SIGN DETAILS.
- PROVIDE 3" CONDUIT WITH PULSTRING IN TRENCH.
- PROVIDE LIGHTING POWER CIRCUIT CONSISTING OF (2) #10AWG, #10 GND IN 2" CONDUIT.
- PROVIDE CONDUIT IN TRENCH. SEE DETAIL 1 ON SHEET E-501.
- PROVIDE UTILITY PULLBOX, B2234 WITH BASE AND COVER OR EQUAL. SEE DETAIL 3 ON SHEET E-501.
- PROVIDE ENHANCED TRAIL SIGN FIELD WIRING. POWER CIRCUIT CONSISTING OF (2) #10 AWG, #10 GND IN 2" CONDUIT.
- PROVIDE TYPE 15 FBS STANDARD POLE, BASE AND ENHANCED TRAIL SIGN. PER DETAIL 2 ON SHEET E-502.
- PROVIDE ENHANCED SIGN POWER CONTROL UNIT FOR FULL TIME OPERATION IN NEMA 3R CABINET ON POLE ABOVE SIGN.
- PROVIDE LED BORDER ENHANCED W11-15 TRAIL SIGN WITH W16-7P DOWN ARROW PLAQUE PER DETAIL 2 ON SHEET E-502.



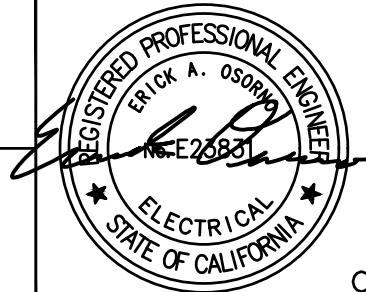
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NORGARD LN INTERSECTION LIGHTING PLAN



No.	Issue	Checked	Approved	Date
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Designer	E.OSORNO	Design Check	C.RICHARDS	Project Director
			M. KENNEDY	

Bar is one inch on original size sheet
0 1"



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Client CITY OF UKIAH

Project THE GREAT REDWOOD TRAIL PHASE 4

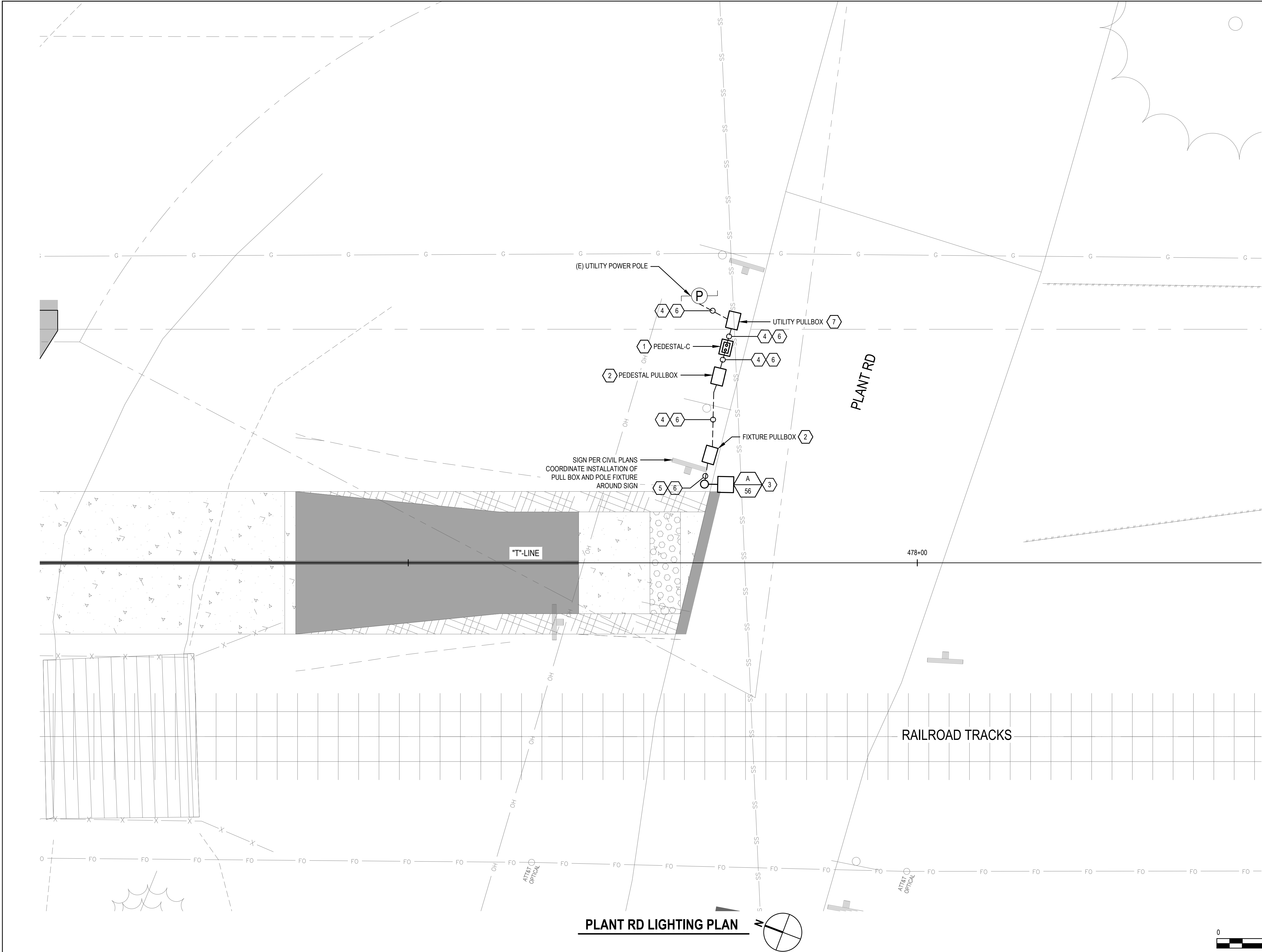
Project No.
12557341

Date
SEP 30, 2022

Scale
1" = 5'

Title TRAIL LIGHTING PLAN 2

Sheet No.
E-102
72 of 96



- SHEET GENERAL NOTES
1.

COORDINATE PROVISIONS AND REQUIREMENTS FOR 100A POWER SERVICE WITH PG&E. POWER SOURCE FOR SERVICE TBD BY PG&E.
2.

REFER TO LIGHTING FIXTURE SCHEDULE ON SHEET E-601.
- SHEET KEYNOTES
1.

PROVIDE SERVICE PEDESTAL COMPLETE WITH MAIN SERVICE BREAKER, BRANCH CIRCUIT BREAKERS, TIMECLOCK, AND CONCRETE BASE. SEE DETAIL 5 ON SHEET E-501.
2.

PROVIDE PULLBOX, CHRISTY B1017 WITH BASE AND COVER OR EQUAL. SEE DETAIL 3 ON SHEET E-501.
3.

PROVIDE LIGHT FIXTURE COMPLETE WITH POLE, CONCRETE POLE BASE, AND MOUNTING ACCESSORIES AS REQUIRED. SEE DETAIL 1 ON SHEET E-502.
4.

PROVIDE 3" CONDUIT IN TRENCH WITH PULLSTRING. POWER SOURCE FOR (N) SERVICE TO BE DETERMINED BY UTILITY COMPANY.
5.

PROVIDE LIGHTING POWER CIRCUIT CONSISTING OF (2) #10AWG, #10 GND IN 2" CONDUIT.
6.

PROVIDE CONDUIT IN TRENCH. SEE DETAIL 1 ON SHEET E-501.
7.

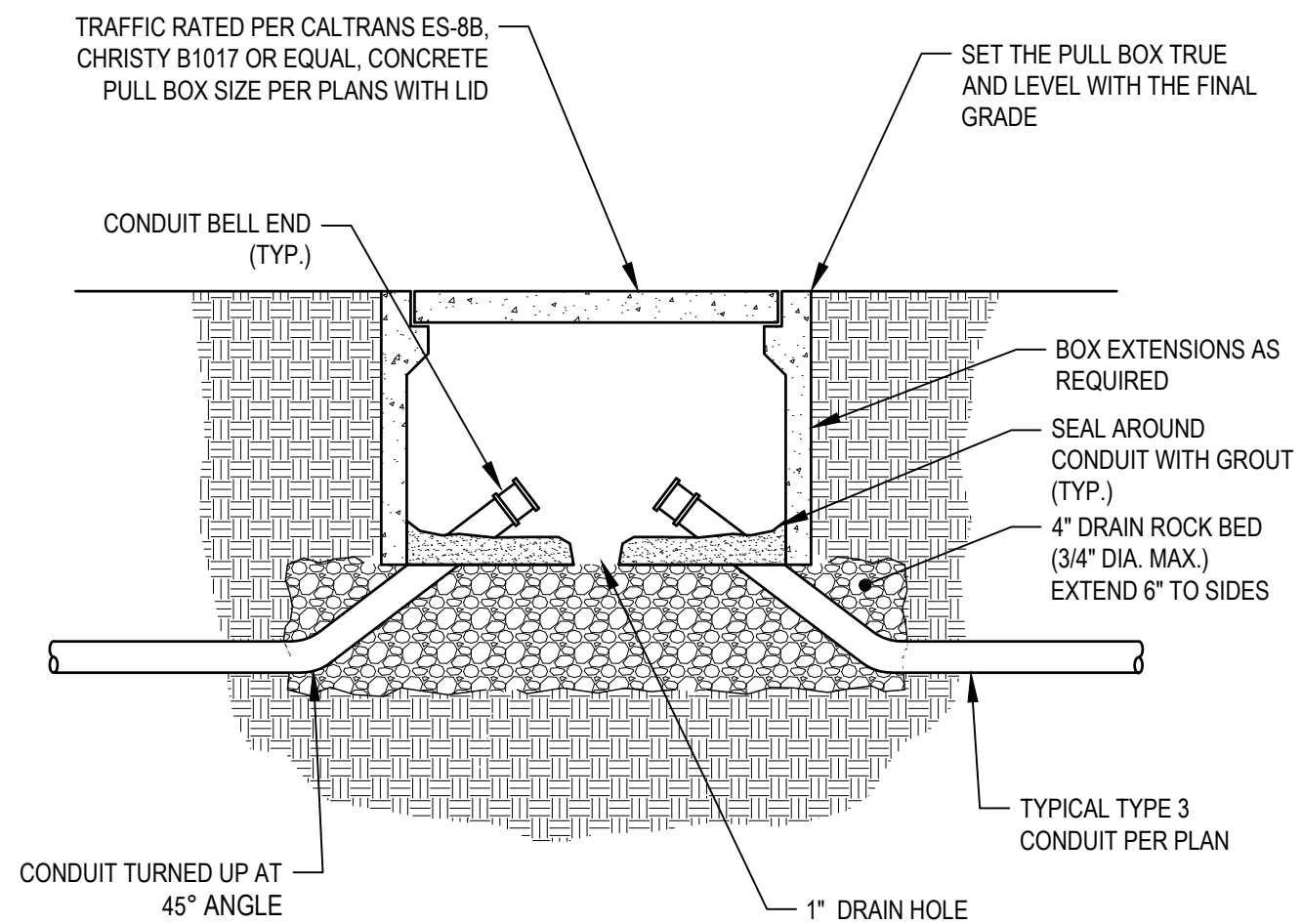
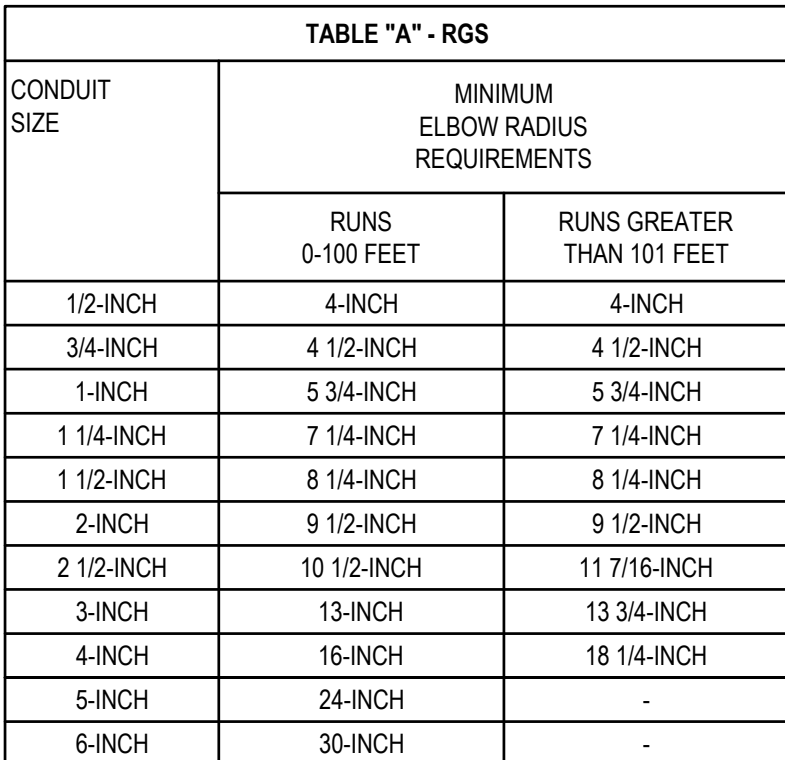
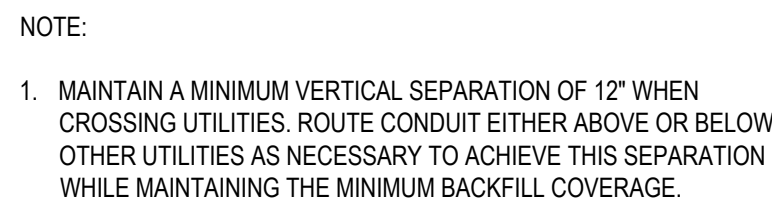
PROVIDE UTILITY PULLBOX, B2234 WITH BASE AND COVER OR EQUAL. SEE DETAIL 3 ON E-501.

811

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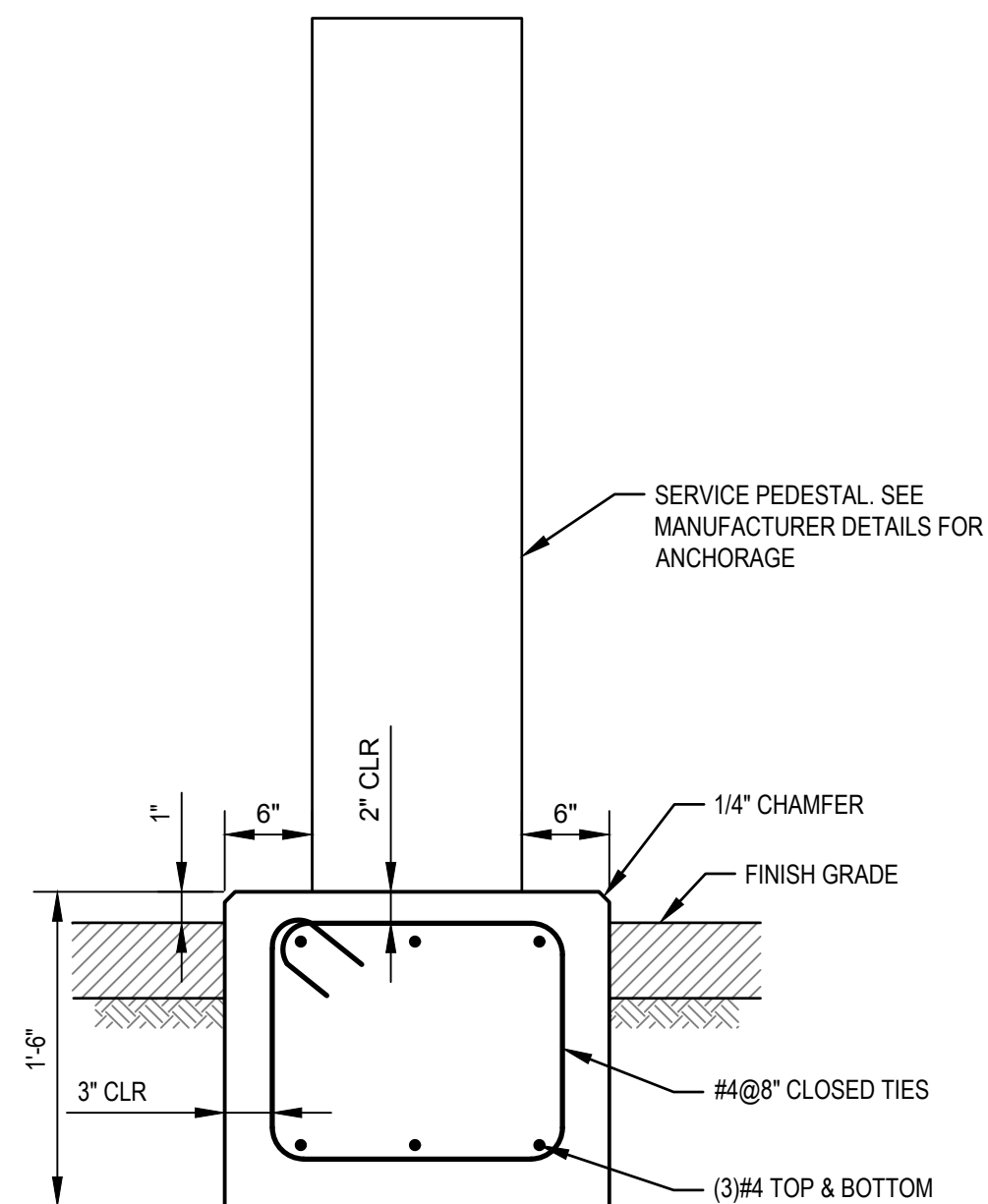
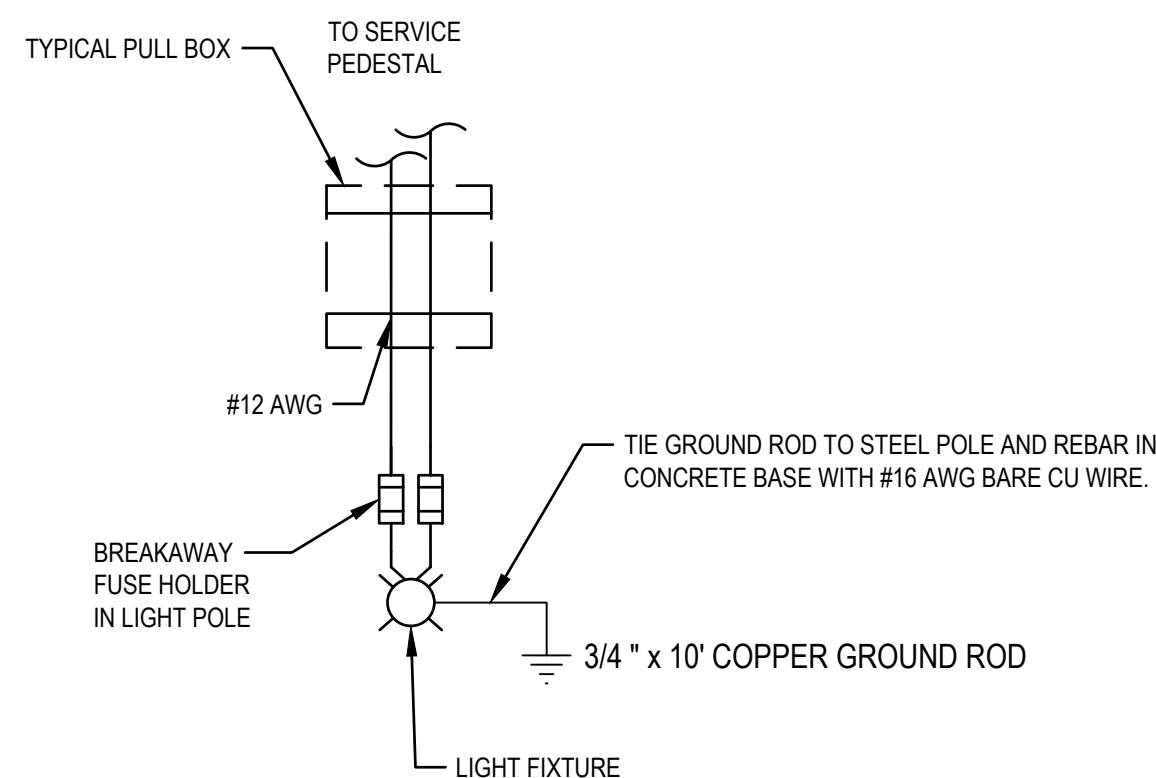
				Bar is one inch on original size sheet 0 1"		 9/30/2022	 GHD Inc. 2235 Mercury Way Suite 150 Santa Rosa California 95407 USA T 1 707 523 1010 F 1 707 527 8679 www.ghd.com	 www.ghd.com	Client CITY OF UKIAH	Title TRAIL LIGHTING PLAN 3 ADD ALTERNATIVE	Size ANSI D																	
									Project THE GREAT REDWOOD TRAIL PHASE 4																			
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Designer	E.OSORNO	Design Check	C.RICHARDS	Project Director	M. KENNEDY																							
Plot Date: 30 September 2022 - 5:25 PM				Plotted By: Haytham Daas		Filename: N:\US\Santa Rosa\Projects\5611\12557341\Digital_Design\ELC3D\sheets\12557341-GHD-0000-LTG-EL-D103.dwg																						



1 TYPICAL ELECTRICAL TRENCH

2 TYPICAL CONDUIT STUB-UP

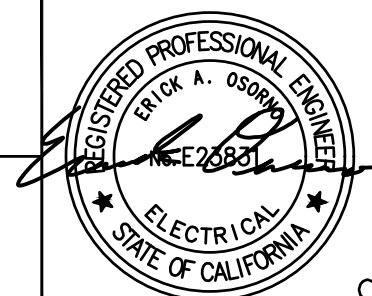
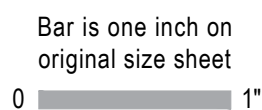
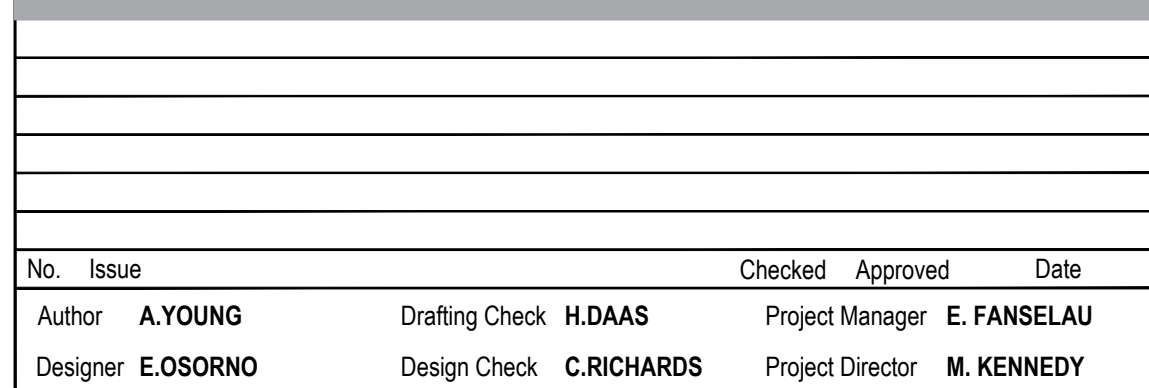
3 TYPICAL PULL BOX



4 STREET LIGHT WIRING DIAGRAM

5 METERING PEDESTAL ELEVATION

6 METERING PEDESTAL FOUNDATION - SIDEVIEW
NO SCALE



9/30/2022



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Client **CITY OF UKIAH**

Project **THE GREAT REDWOOD TRAIL PHASE 4**

Project No.
12557341

Date
SEP 30, 2022

Scale
NO SCALE

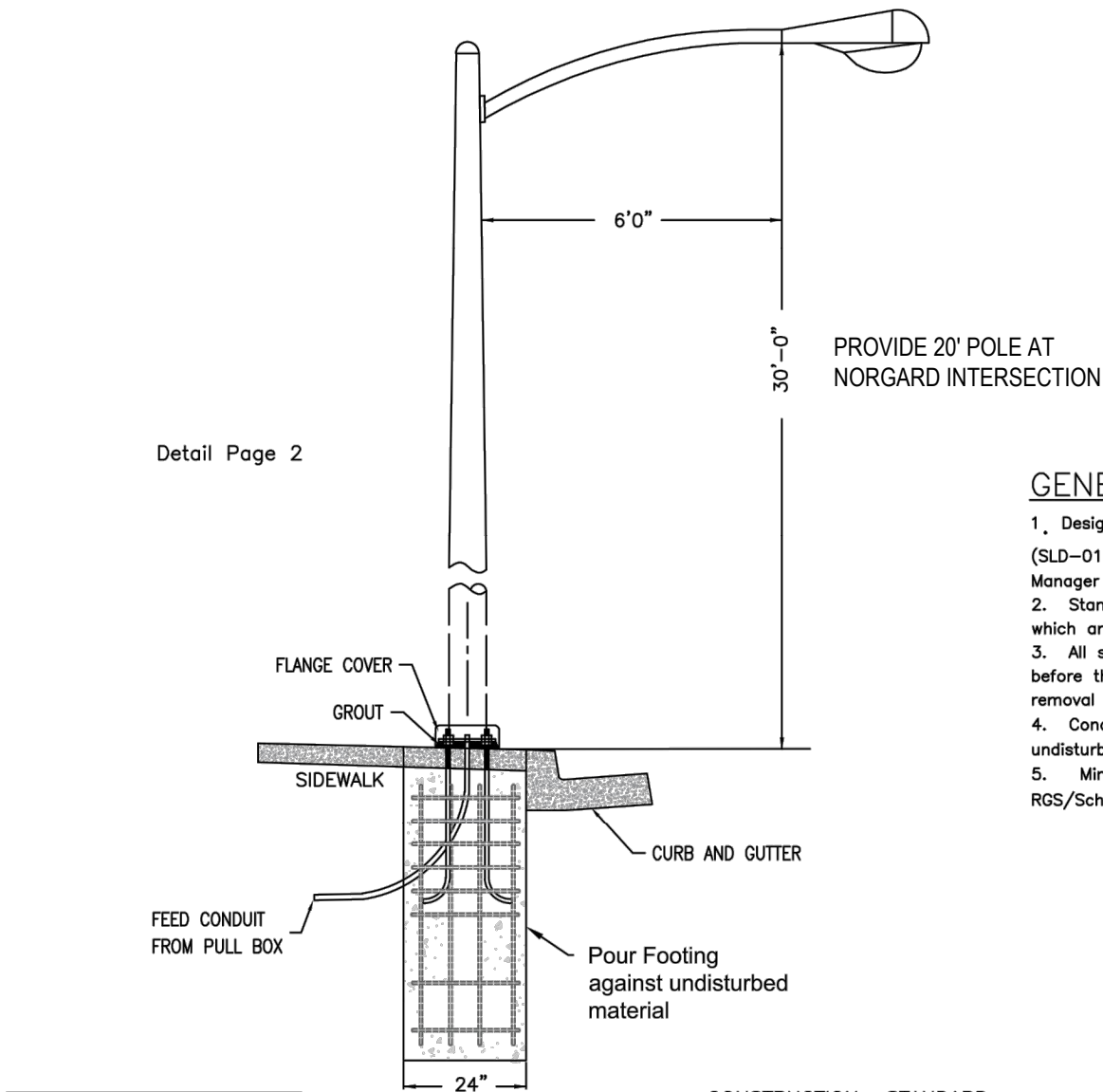
Title **ELECTRICAL DETAILS 1**

Size
ANSI D



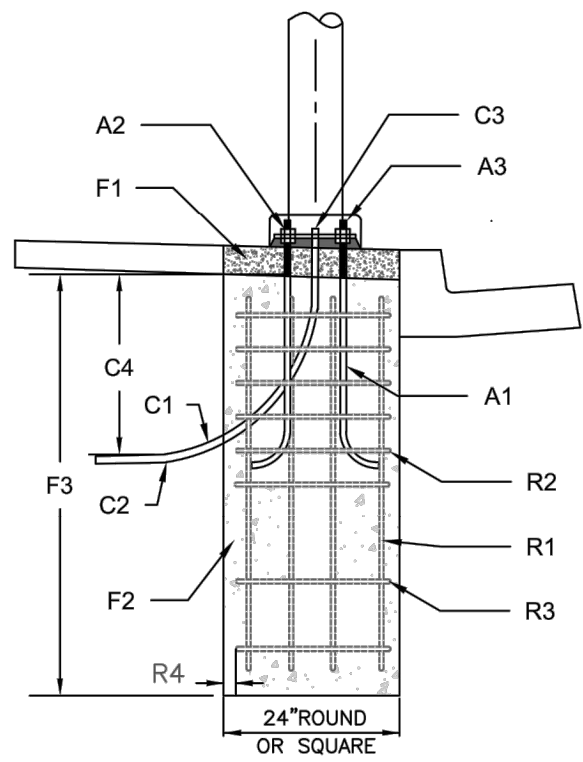
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811 two working days prior
to excavation



GENERAL NOTES:

- Design shall conform to the requirements of this drawing (SLD-0510-01) except if otherwise approved by the City of Ukiah Project Manager or Inspector.
- Standard foundation design is based on the following soil parameters, which are typical characteristic soil of the greater Ukiah area.
- All streetlight foundations shall be approved by a City of Ukiah official before the foundation is poured; failure to have an approval can result in removal and reconstruction of said foundation.
- Concrete shall be class "A" P.C.C. Footing shall be poured against undisturbed soil or subgrade compacted to 90% relative compaction.
- Minimum 1" PVC Conduit - with Minimum 24" Radius Elbows - RGS/Schedule 80 PVC



ANCHOR BOLTS

- A1. Anchor Bolts to be 36" in length, 1" in DIA., L-Hook
A2. Anchor Bolts shall have heads, or nuts with the threaded portion 4" above the finished surface.
A3. 4 - 3/4" x 1" DIA. Anchor Bolts to be provided by the City. Anchor Bolts shall not be cut off for any reasons. Extension couplers shall not be permitted.
A4. Bolt projection as recommended by the manufacturer.

CONDUIT

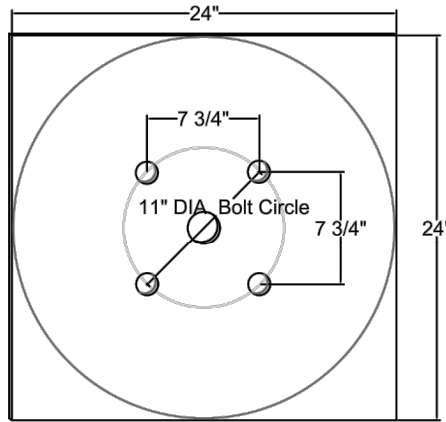
- C1. Conduit shall be RGS or SCHD 80 PVC in concrete with 6" Min Stub out.
C2. Service and feed conduits shall be RGS or SCHD 40 PVC, as required.
C3. Conduit shall be centered of bolt pattern should stub up to within 4" from handhole.
C4. Conduit shall be 24" deep Min.

FOUNDATION

- F1. The Top 4" of round foundation shall be integrated into the sidewalk or poured as a square pad, large enough to fully support the pole, base plate and nut covers.
F2. The foundation shall cure a minimum of fourteen (14) days prior to the pole installation or torquing of the anchor bolts.
F3. Foundation depth:
54" Deep for Post-Top Pole
60" Deep for 30' Steel Standard Poles
72" Deep for 35' Steel Standard Poles

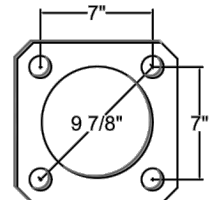
REINFORCEMENT

- R1. Vertical rebar shall be 4-#6 equally spaced inside of hoops.
R2. Hoops shall be #4x18" O.D., Spaced 4" O/C from the top of the foundation to the end of the anchor bolts.
R3. Hoops shall be #4x18" O.D., Spaced 12" Min from the bottom of the anchor bolts to the bottom of the foundation.
R4. Cement shall be at minimum 3" away from farthest point of rebar at all locations.



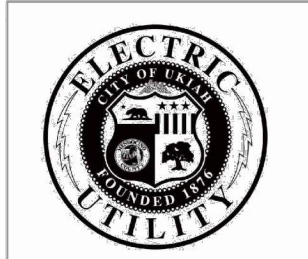
Typ. 30' Steel Pole Bolt Pattern

NOTE- 24" Round or Square with bolt pattern squared.

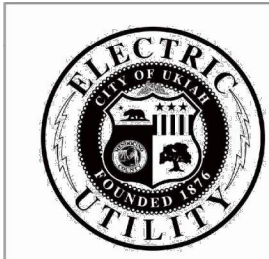


Typ. Post-Top Steel Pole Bolt Pattern

NOTE- Check and confirm manufacturers recommendations on any and all bolt patterns before pouring concrete.



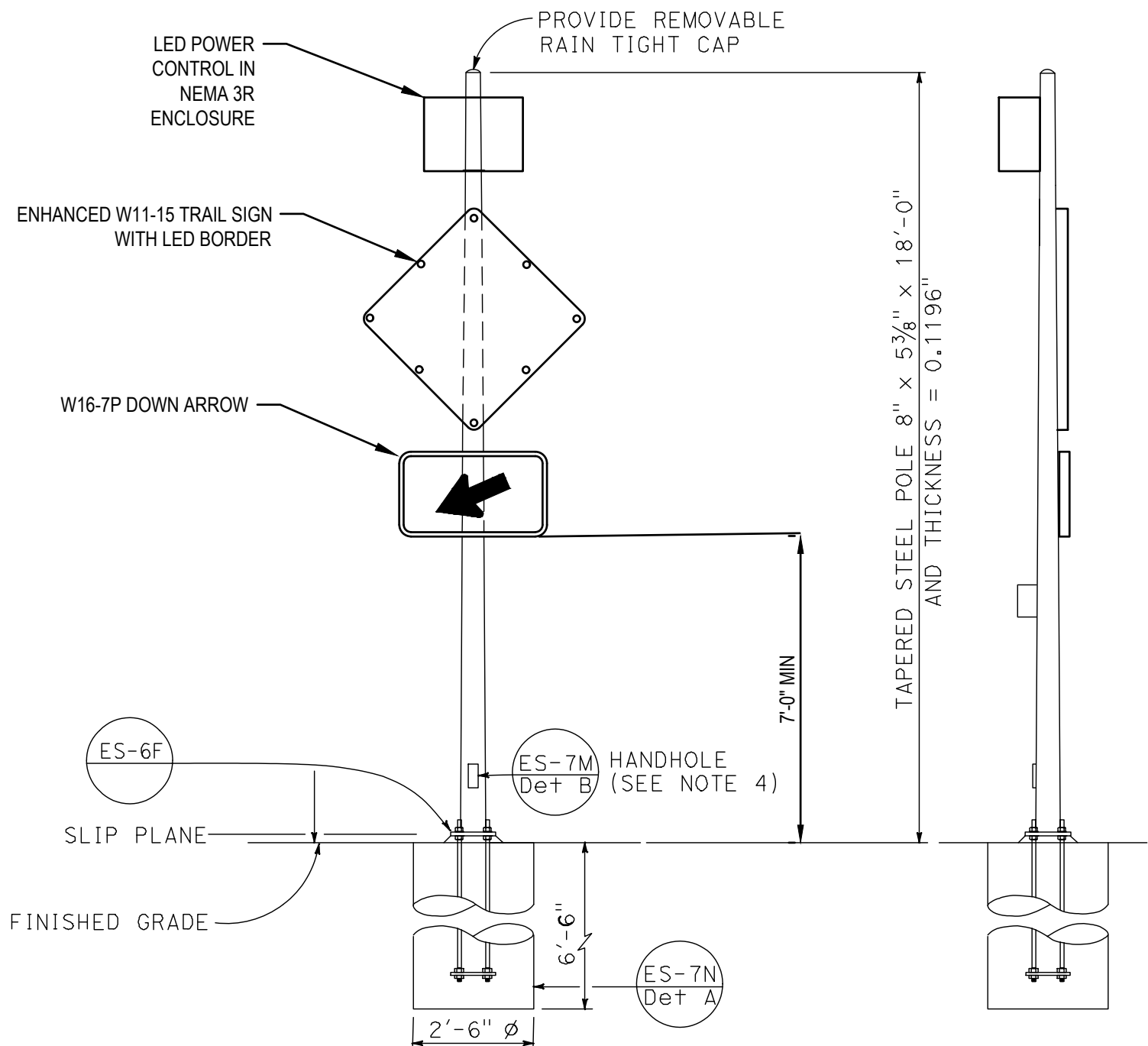
CONSTRUCTION STANDARD					
STREET LIGHT LOCATION DETAIL, 400 AMP MAX.					
CITY OF UKIAH					
ELECTRIC UTILITY DEPARTMENT					
DRAWING NO. SLD-0510-01					
SCALE:					
10/7/2021	SB	SB			SHEET 2 OF 2
DATE	DRAWN	DESIGNED	CHECKED	APPROVAL	REVISION 0



CONSTRUCTION STANDARD					
STREET LIGHT LOCATION DETAIL, 400 AMP MAX.					
CITY OF UKIAH					
ELECTRIC UTILITY DEPARTMENT					
DRAWING NO. SLD-0510-01					
SCALE:					
10/7/2021	SB	SB			SHEET 2 OF 2
DATE	DRAWN	DESIGNED	CHECKED	APPROVAL	REVISION 0

1 CITY OF UKIAH STANDARD DETAIL

NO SCALE



*REFER TO CALTRANS STANDARD PLANS FOR ADDITIONAL DETAILS.

NOTES:

- NOT USED
- NOT USED
- For additional notes and details, see Standard Plans ES-7M and ES-7N.
- Handhole shall be located on the downstream side of traffic.
- See project plans for type of standard to be installed.

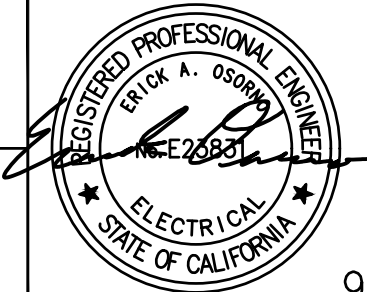
FRONT VIEW TYPE 15-FBS SIDE VIEW
FLASHING BEACON WITH SLIP BASE INSTALLATION
DETAIL A

2 MODIFIED CALTRANS STANDARD DETAIL ES-7J (LED BORDER ENHANCED TRAIL SIGN)

NO SCALE

No. Issue				
Author	A.YOUNG	Drafting Check	H.DAAS	Project Manager
Designer	E.OSORNO	Design Check	C.RICHARDS	Project Director
Checked		Approved		Date
ELECTRIC UTILITY DEPARTMENT				

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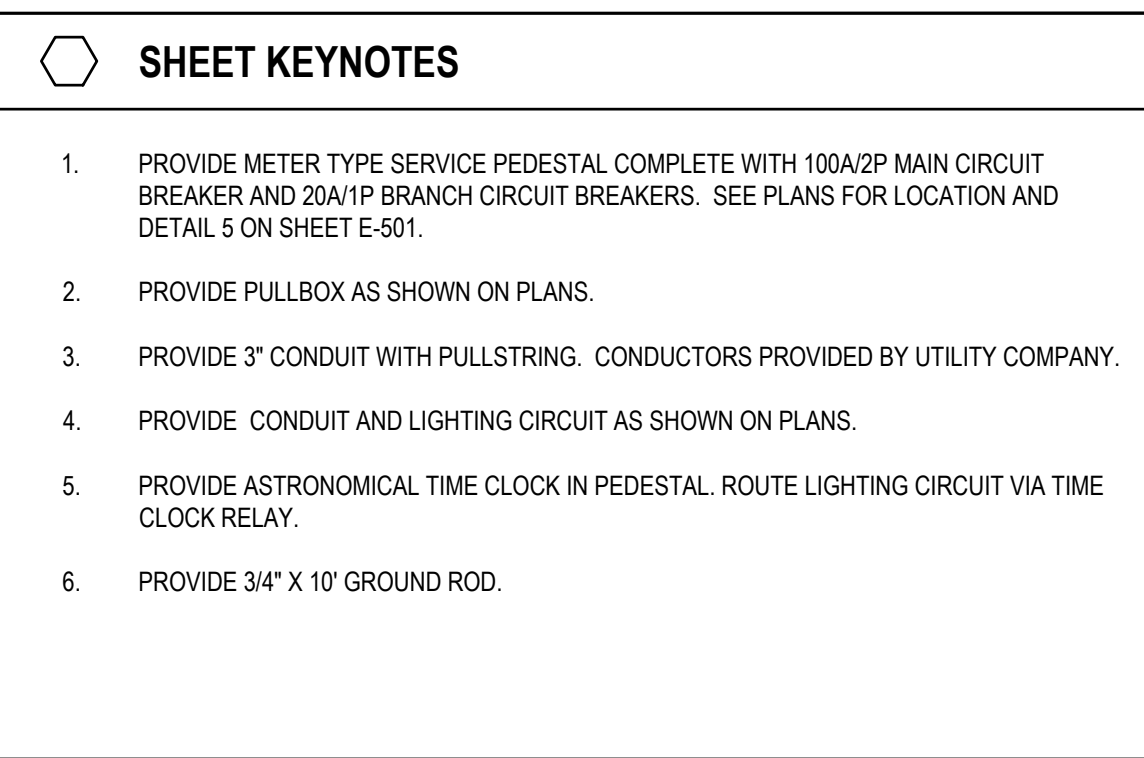
Client CITY OF UKIAH
Project THE GREAT REDWOOD TRAIL PHASE 4

Title ELECTRICAL DETAILS 2

Size ANSI D

Project No. 12557341
Date SEP 30, 2022
Scale NO SCALE

Sheet No. E-502
Sheet 75 of 96



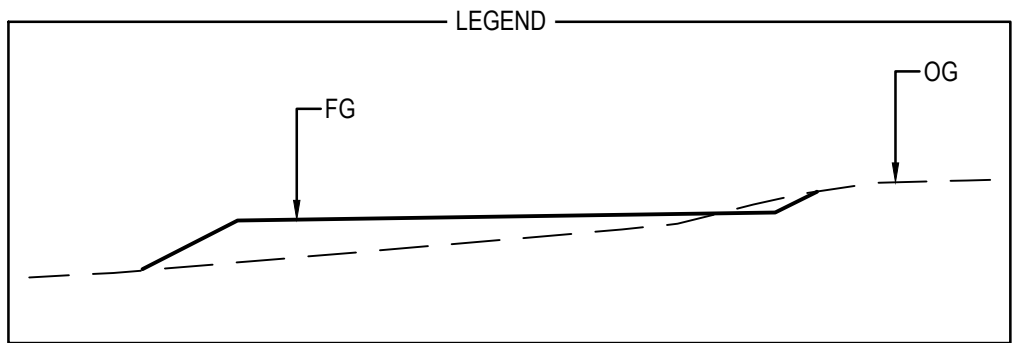
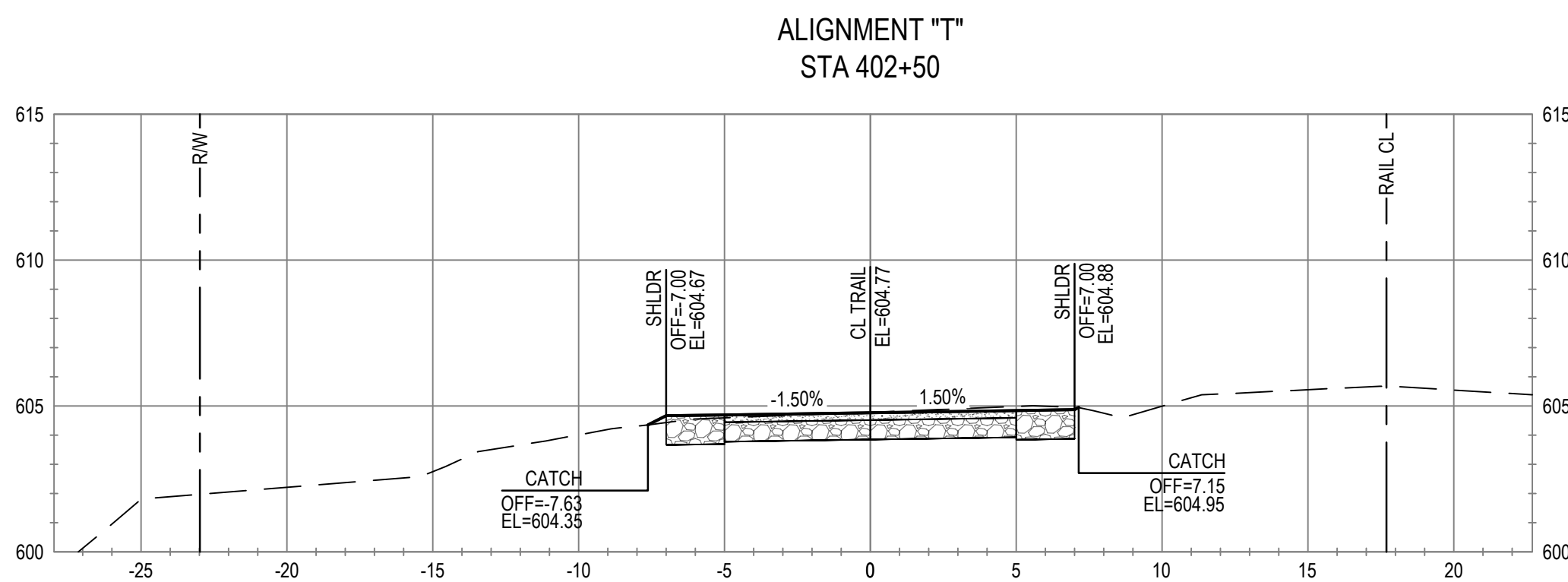
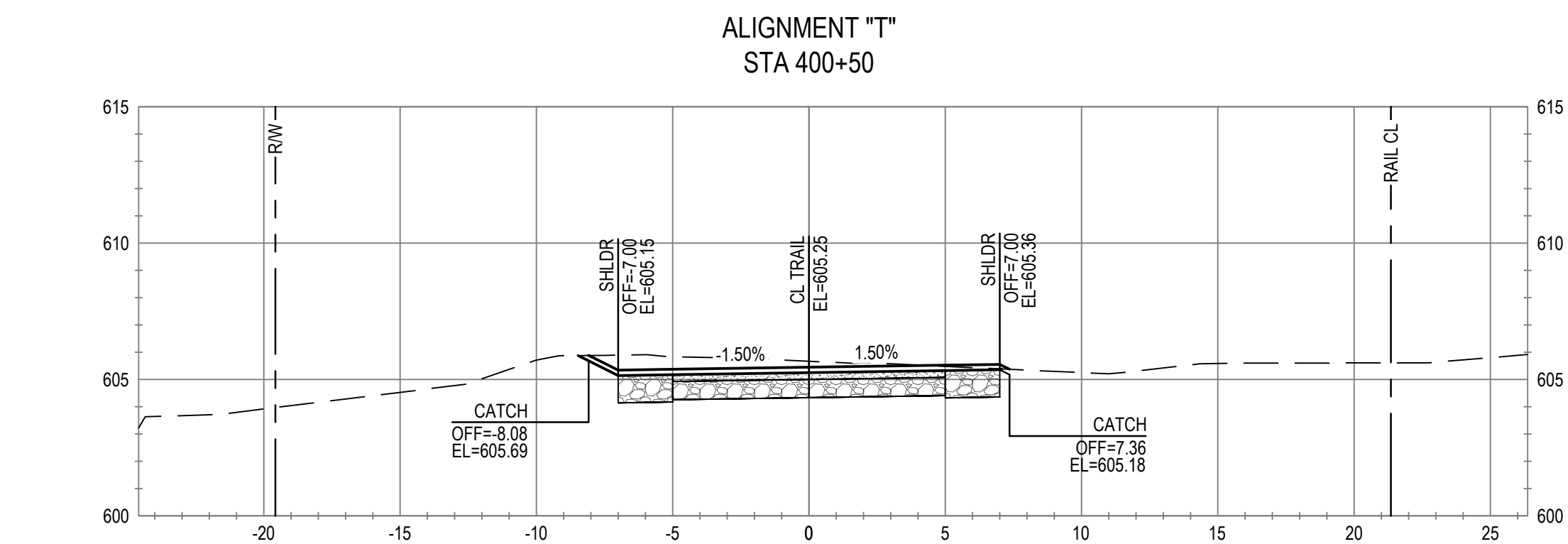
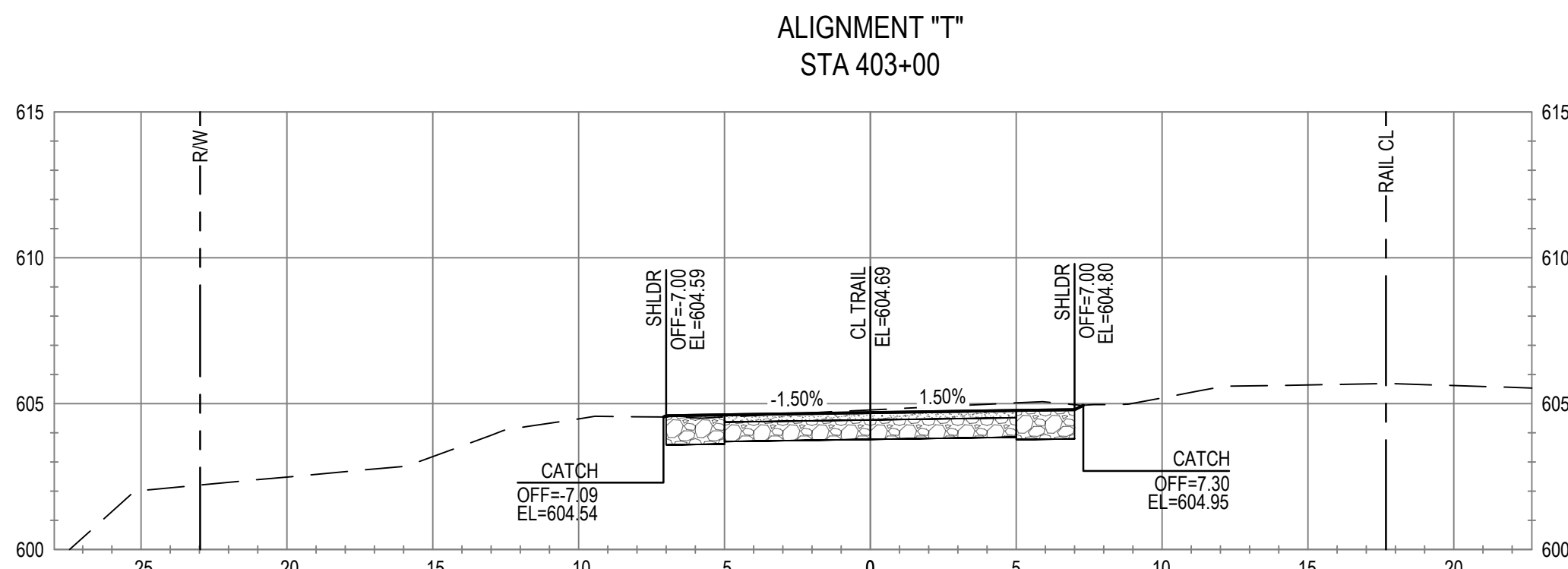
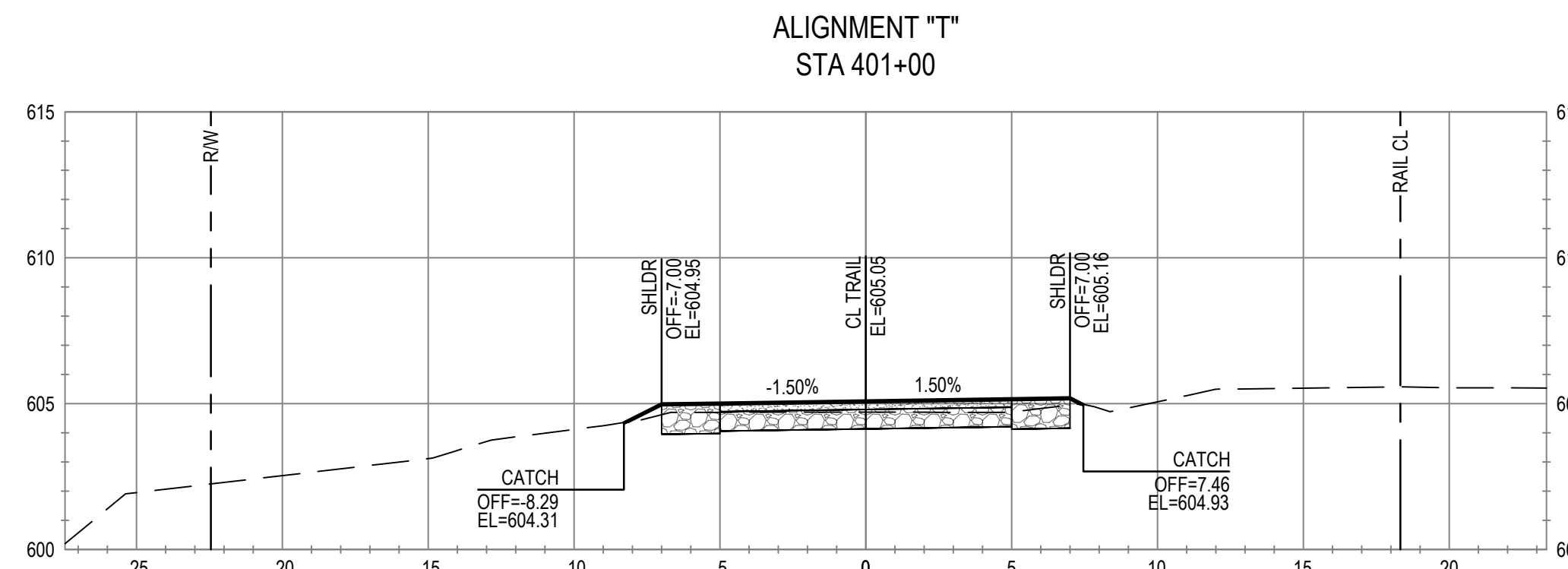
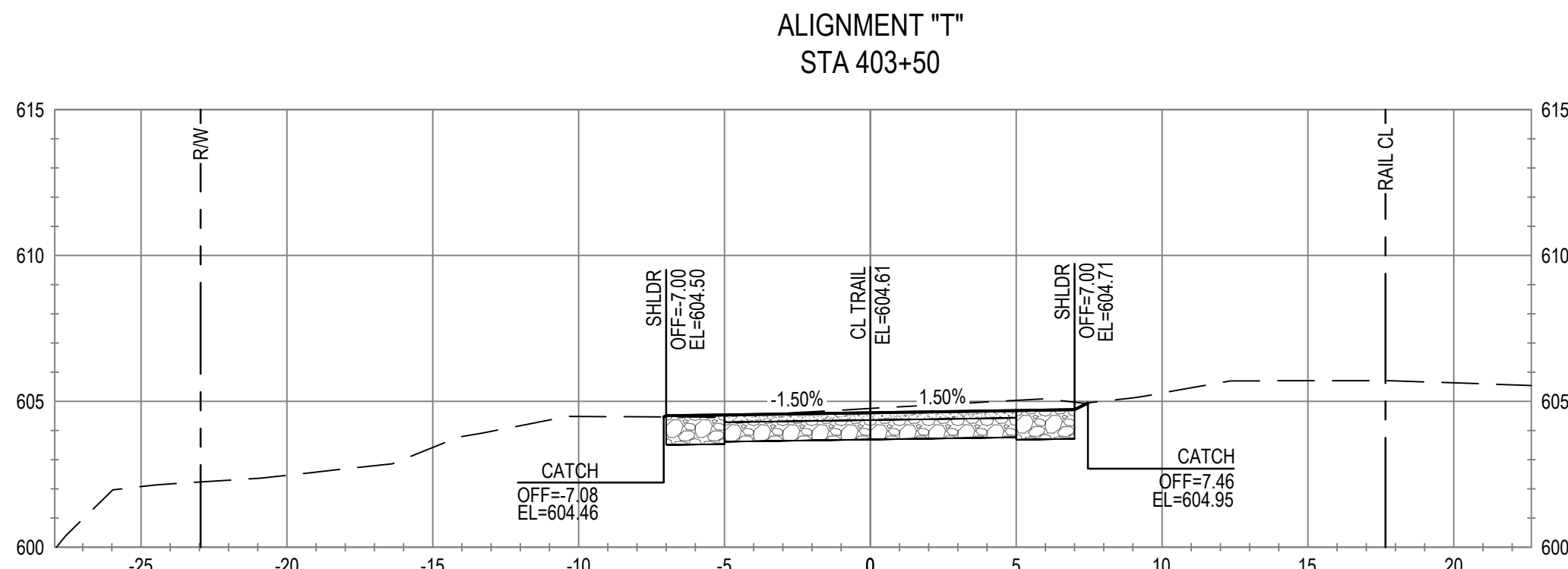
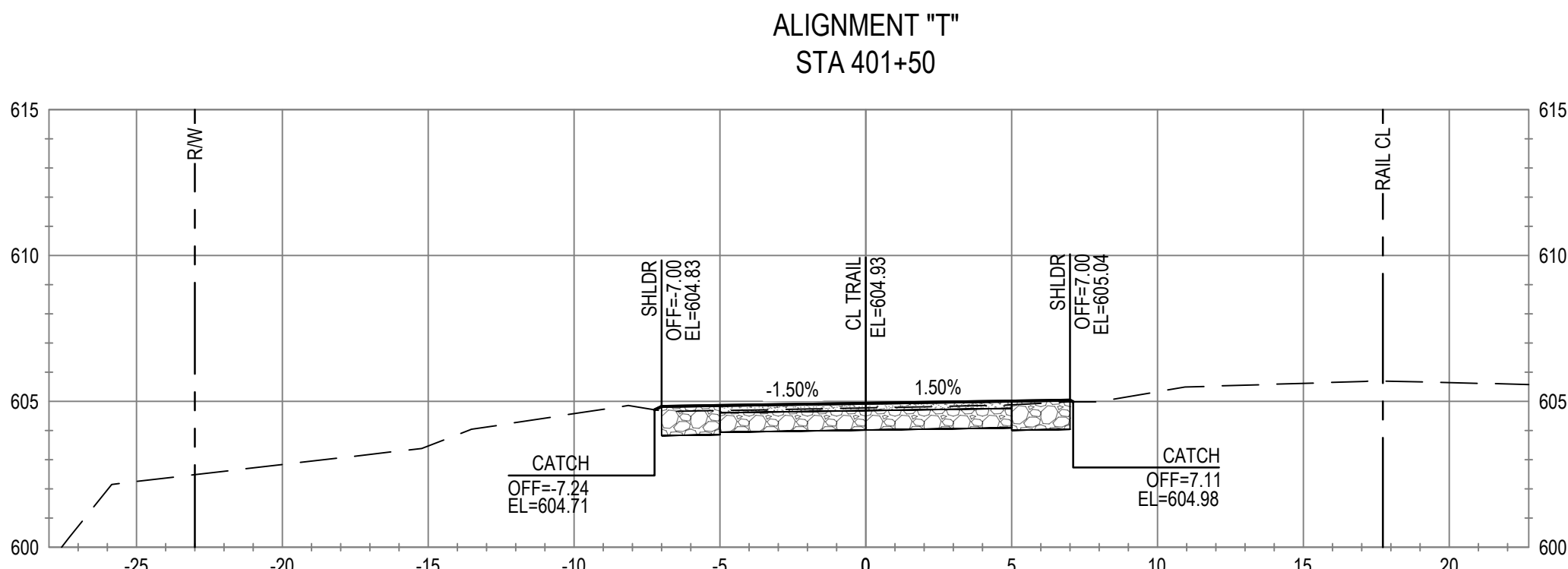
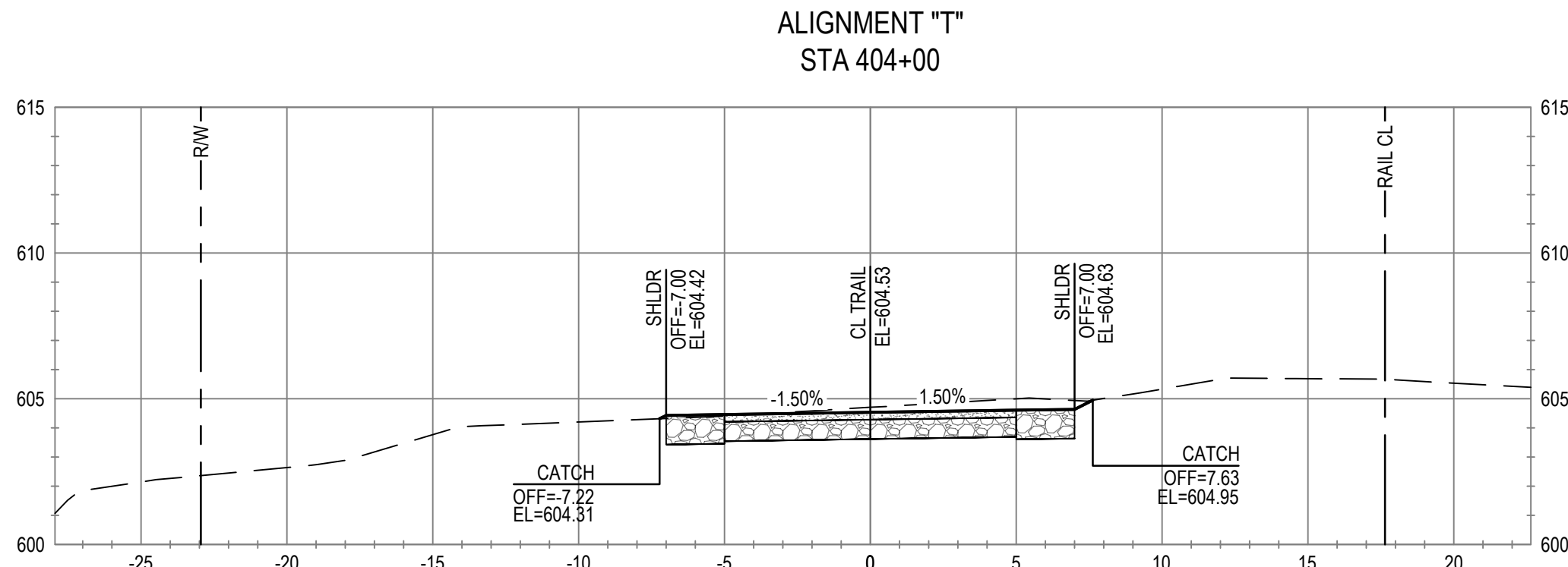
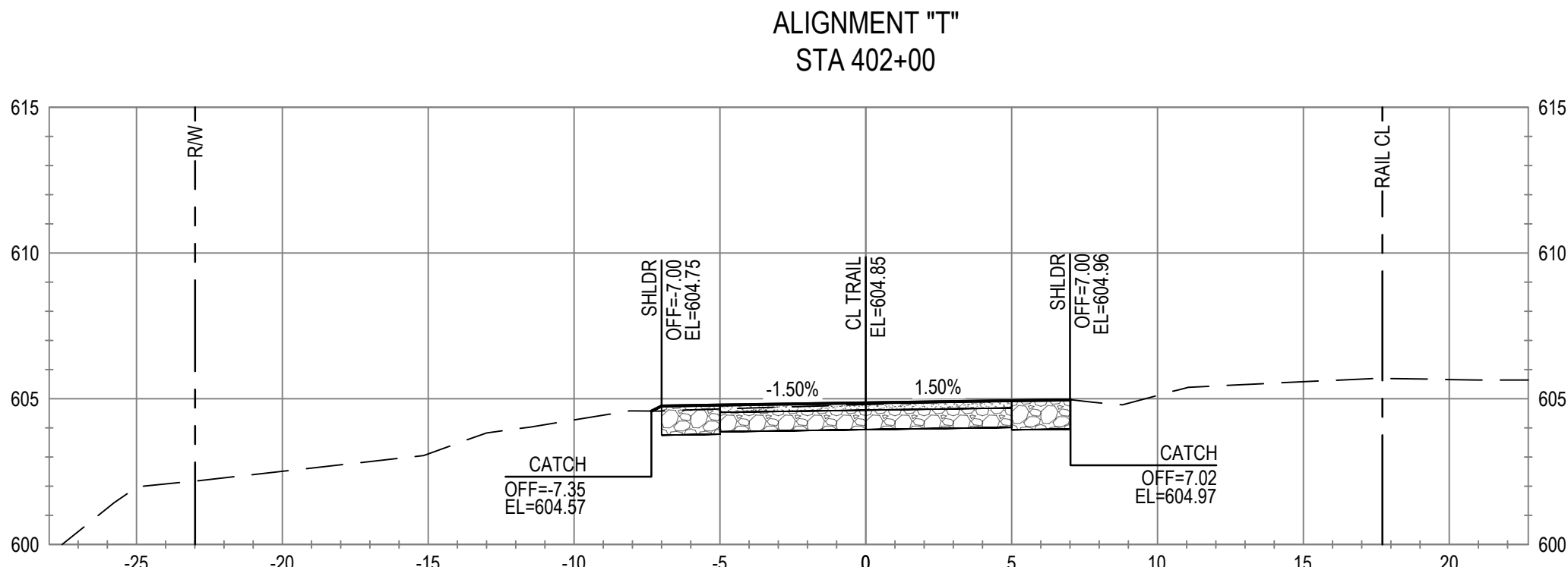
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A	30 FT LED STREET LIGHT POLE MOUNT	E-LITESTAR	ESJ-D-A01-3M-016-30-S-105	LED	3000k	6,278	56	POLE TOP	PROVIDE 30' TAPERED STEEL ROUND POLE WITH 6' ARM PER CITY OF UKIAH STANDARDS
A1	20 FT LED STREET LIGHT POLE MOUNT	E-LITESTAR	ESJ-D-A01-3M-016-30-S-105	LED	3000k	6,278	56	POLE TOP	PROVIDE 20' TAPERED STEEL ROUND POLE WITH 6' ARM PER CITY OF UKIAH STANDARDS

* VOLTAGE DROP CALCULATION FOR LIGHTING LOADS.

**Know what's below.
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Underground Service Alert at
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--	--	--	--	--	--	---	--	--	--	--	--



No.	Issue	Checked	Approved	Date
Author	C. PHELPS	Drafting Check	E. FANSELAU	
Designer	C. PHELPS	Design Check	E. FANSELAU	
		Project Manager	E. FANSELAU	
		Project Director	M. KENNEDY	

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Client **CITY OF UKIAH**
Project **THE GREAT REDWOOD TRAIL PHASE 4**

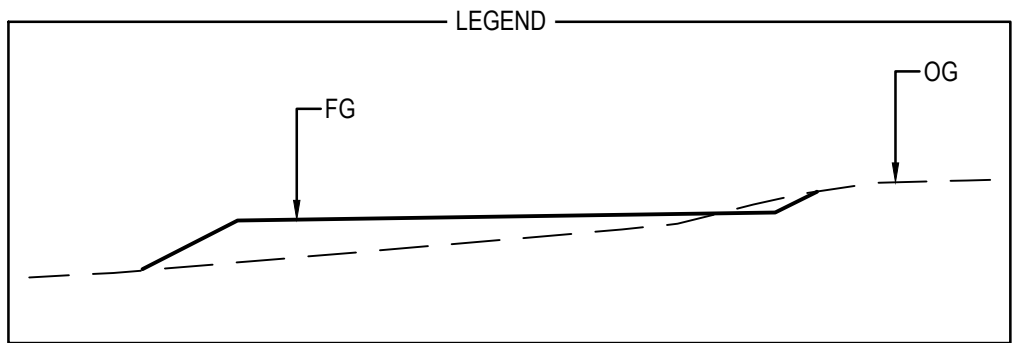
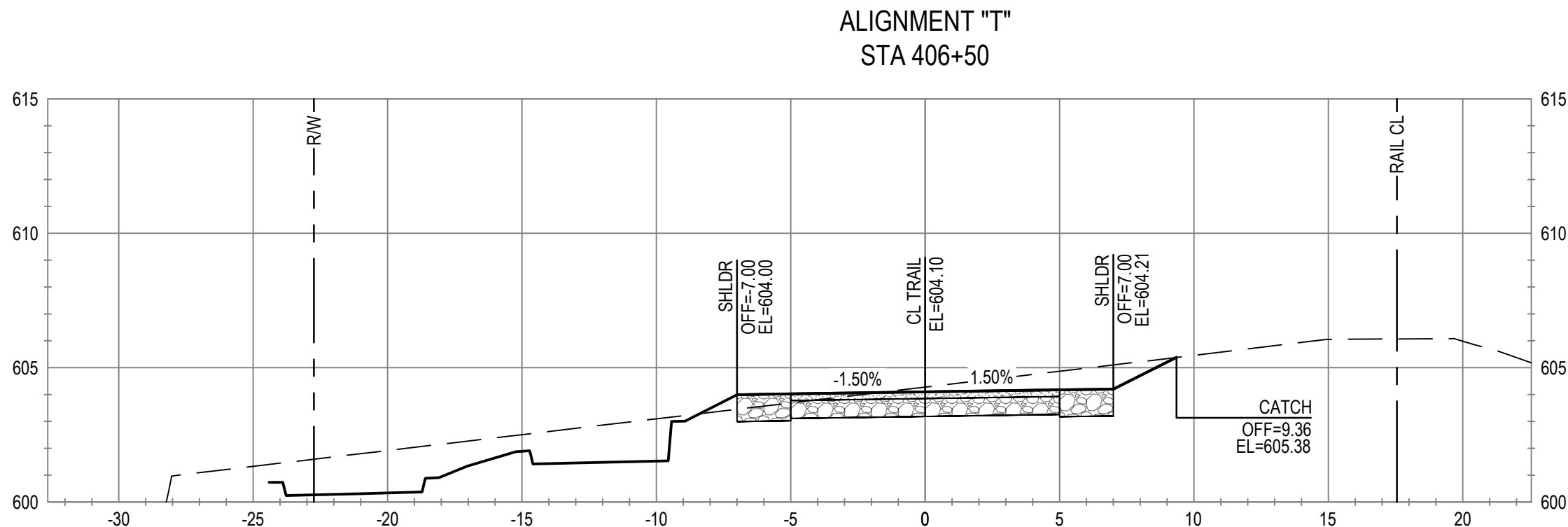
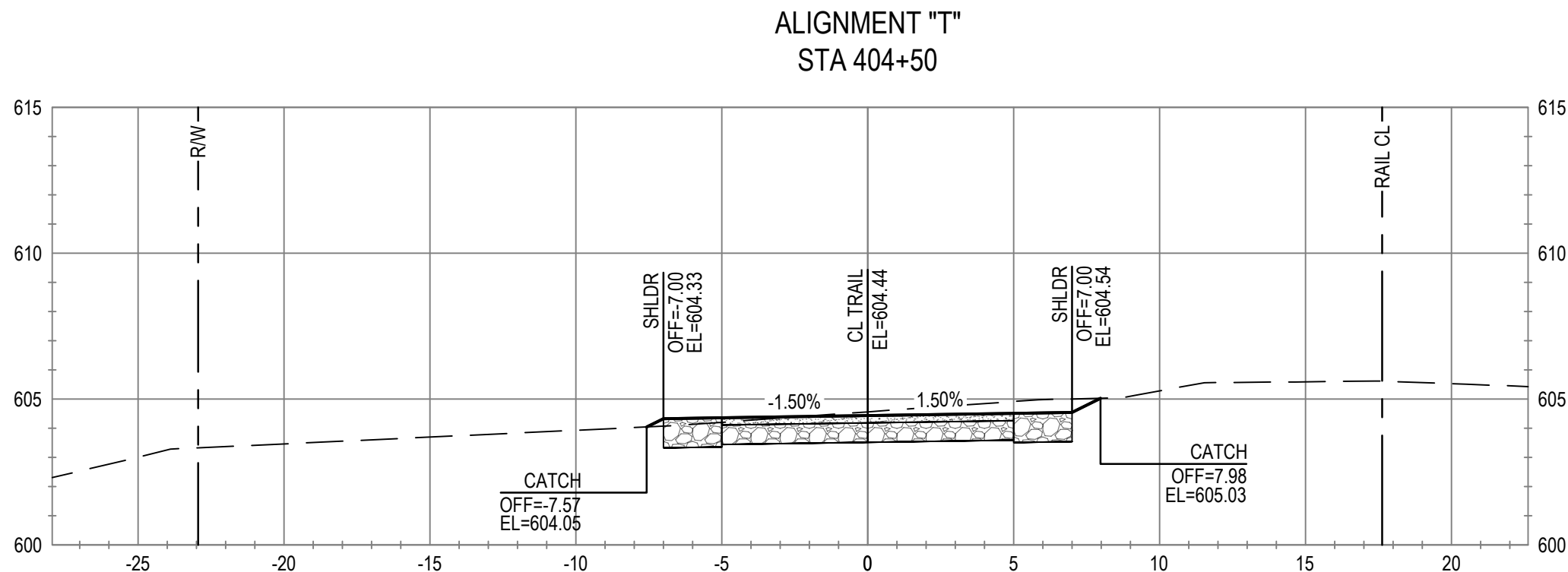
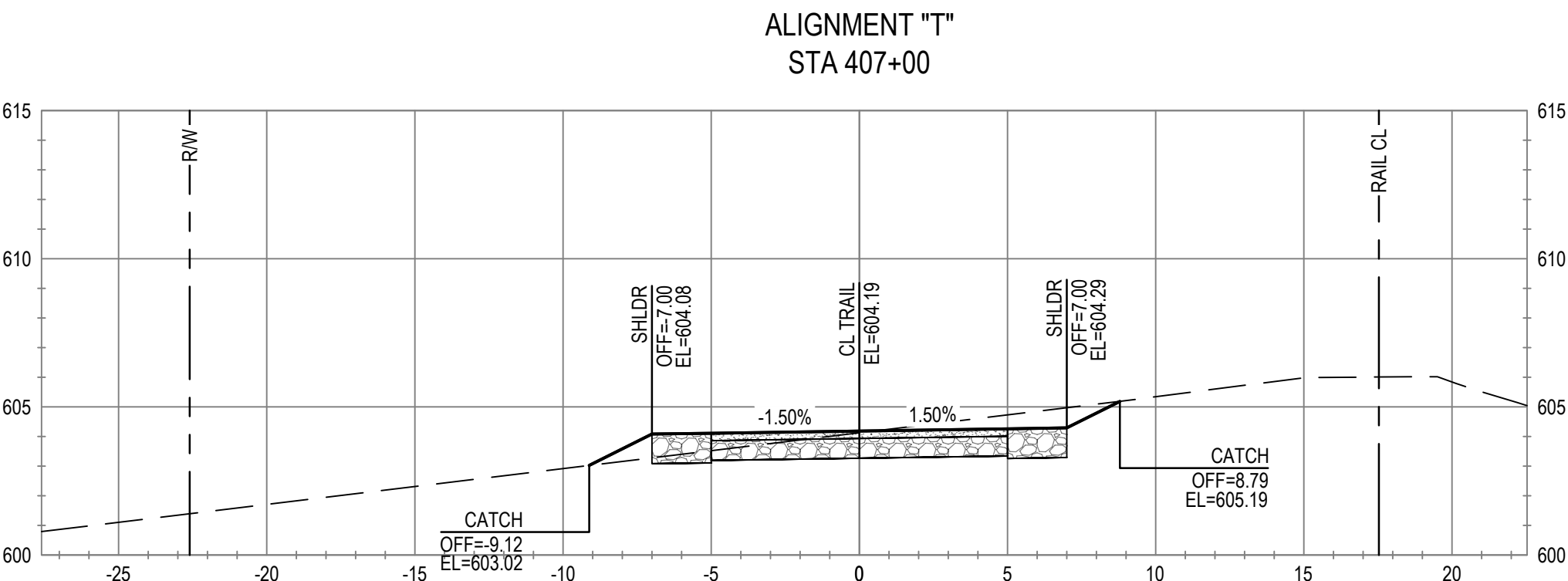
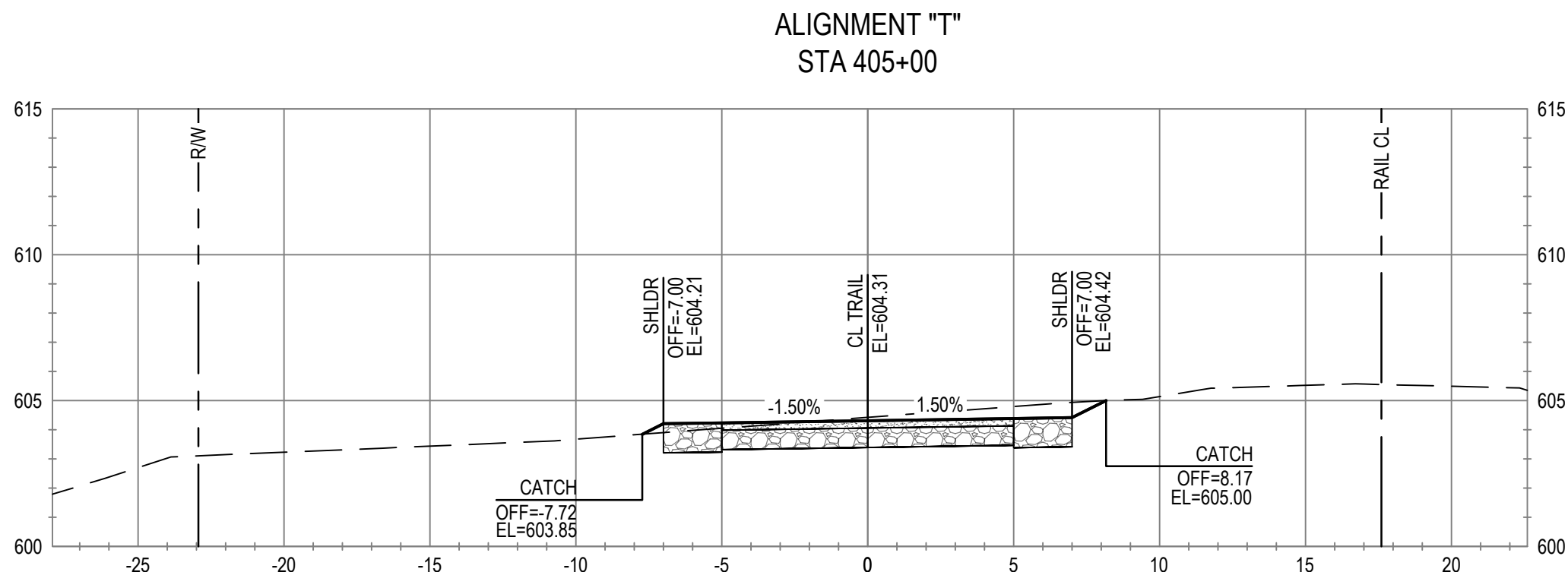
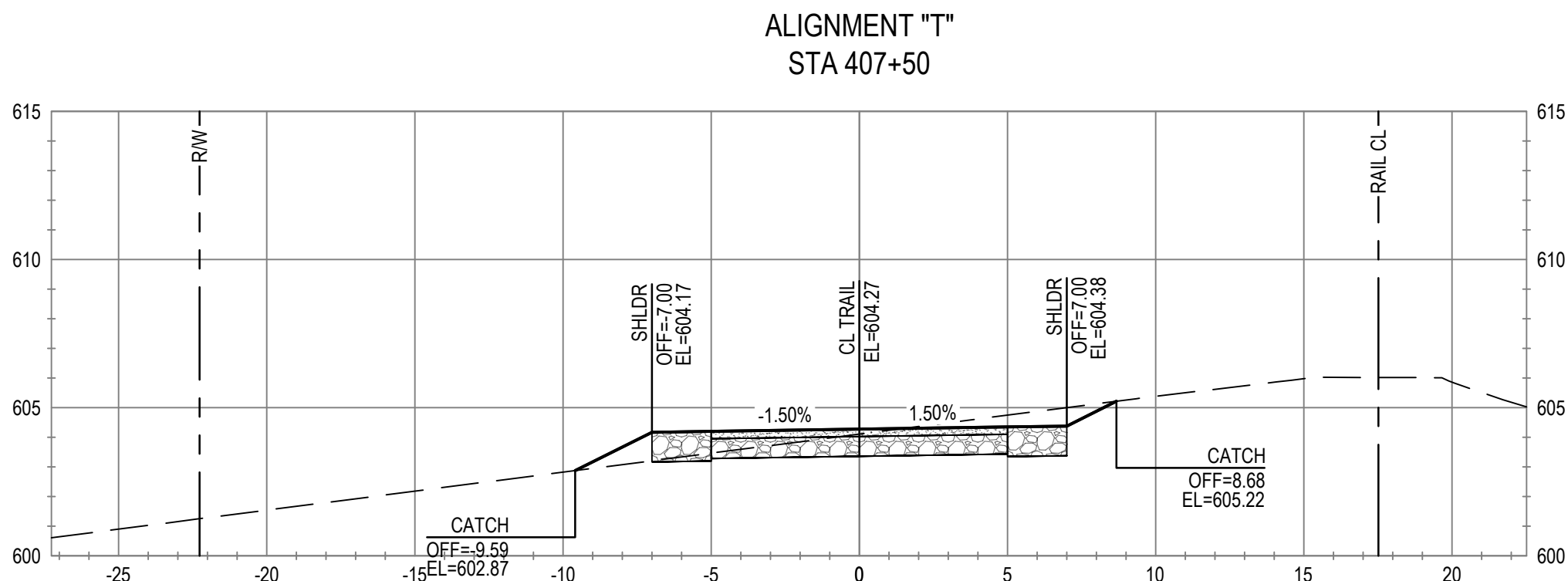
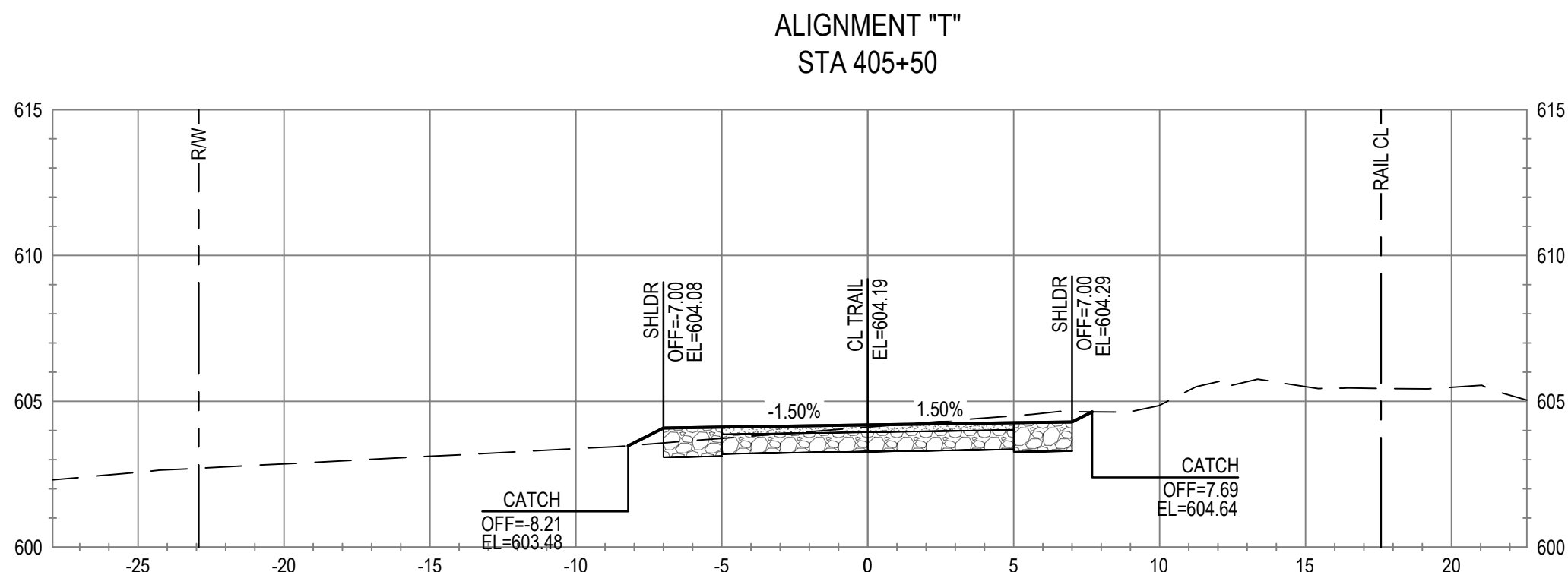
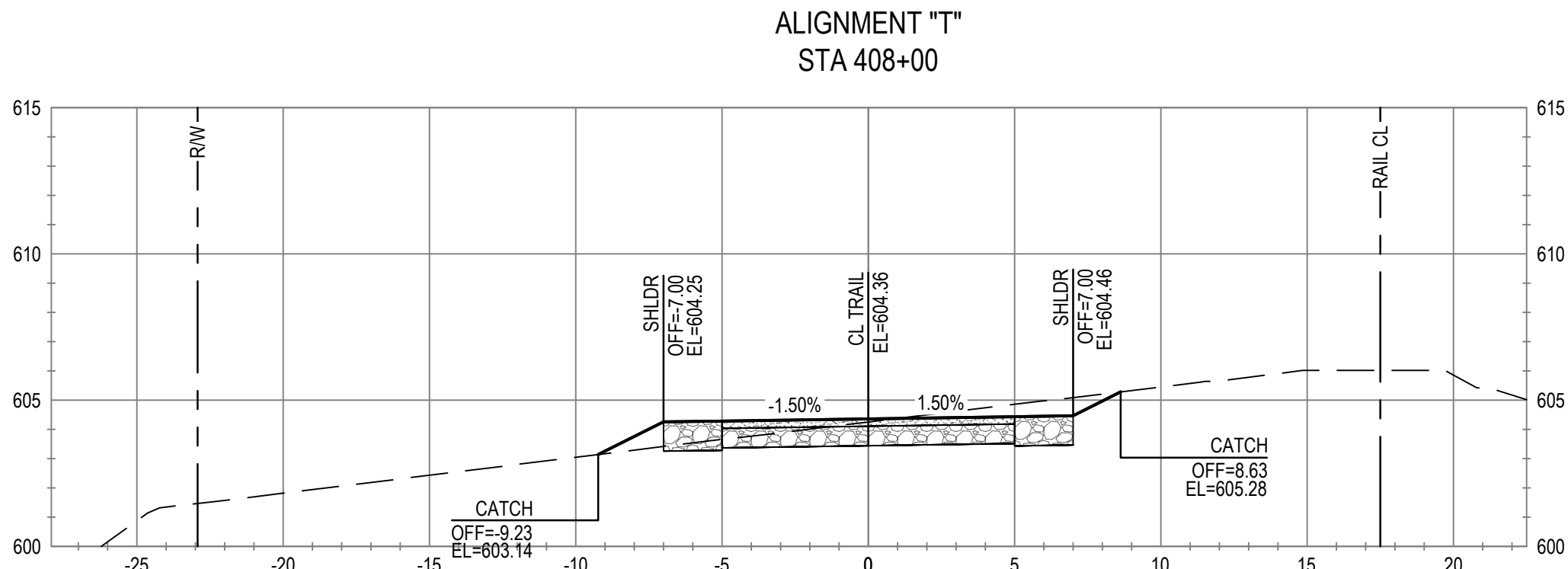
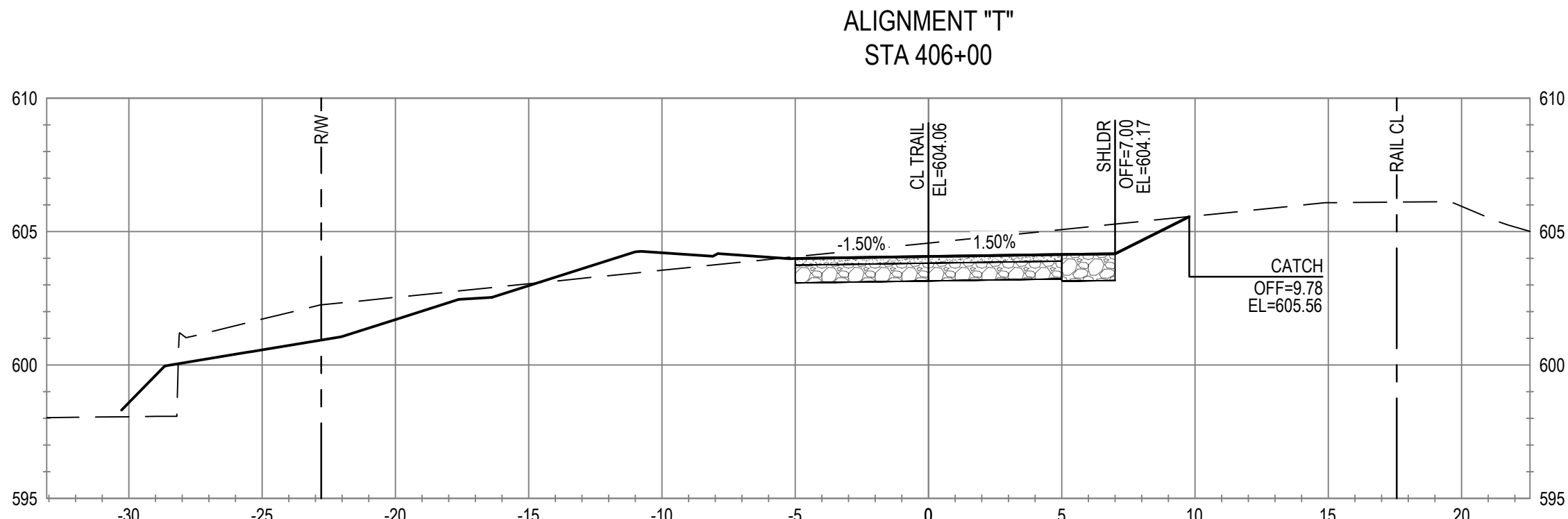
Project No.
12557341

Date
SEP 30, 2022

Scale
1" = 5'

Title **CROSS SECTIONS
STA 400+50 TO STA 404+00**

Size **ANSI D**
Sheet No. **C-801**
Sheet **77 of 96**



No.	Issue	Checked	Approved	Date
Author	C. PHELPS	Drafting Check	E. FANSELAU	
Designer	C. PHELPS	Design Check	E. FANSELAU	
		Project Manager	E. FANSELAU	
		Project Director	M. KENNEDY	

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Client **CITY OF UKIAH**
Project **THE GREAT REDWOOD TRAIL PHASE 4**

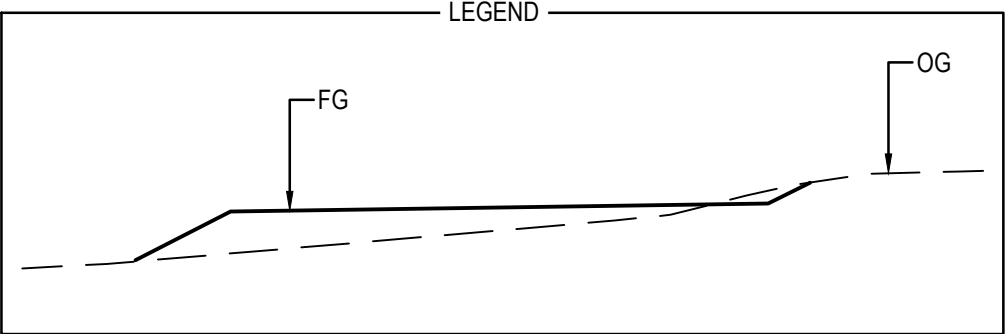
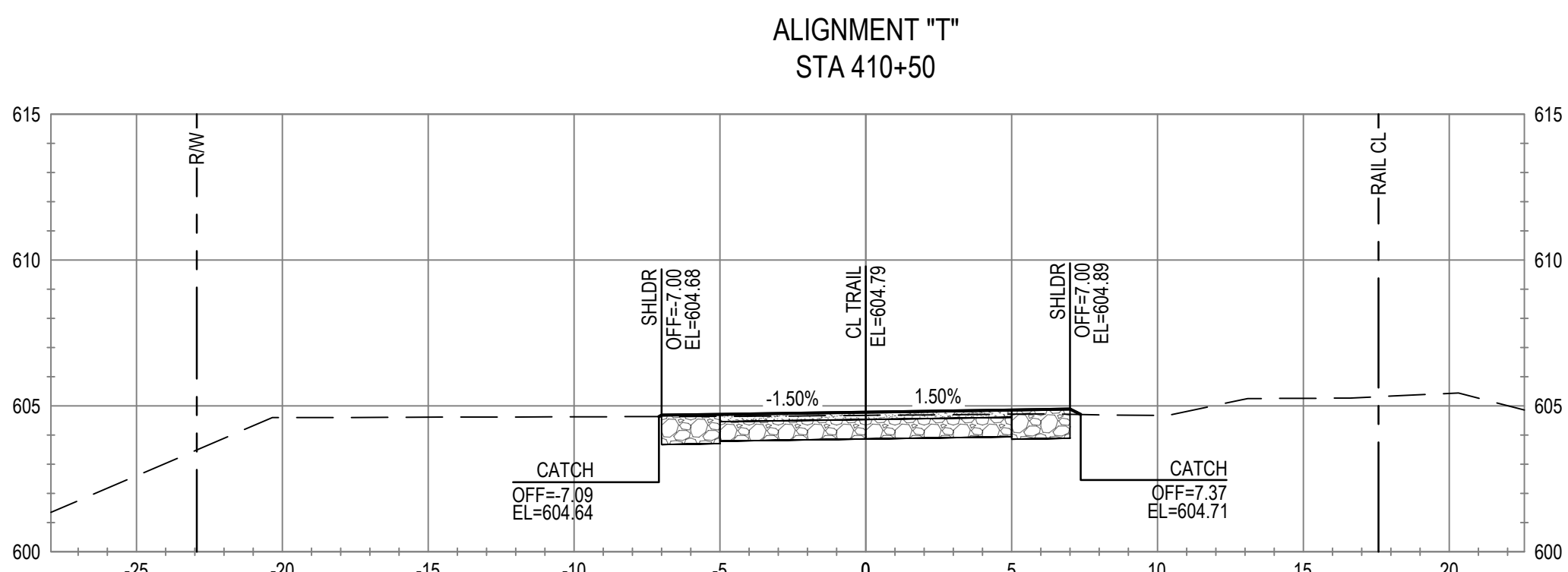
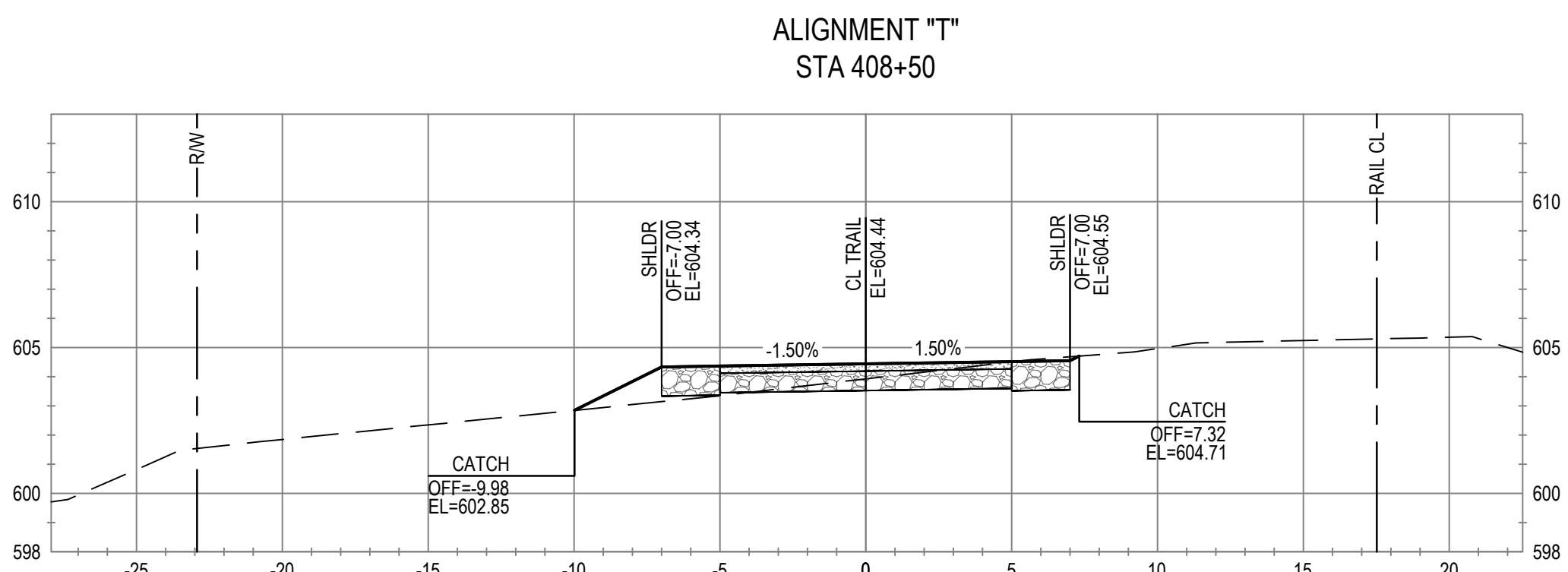
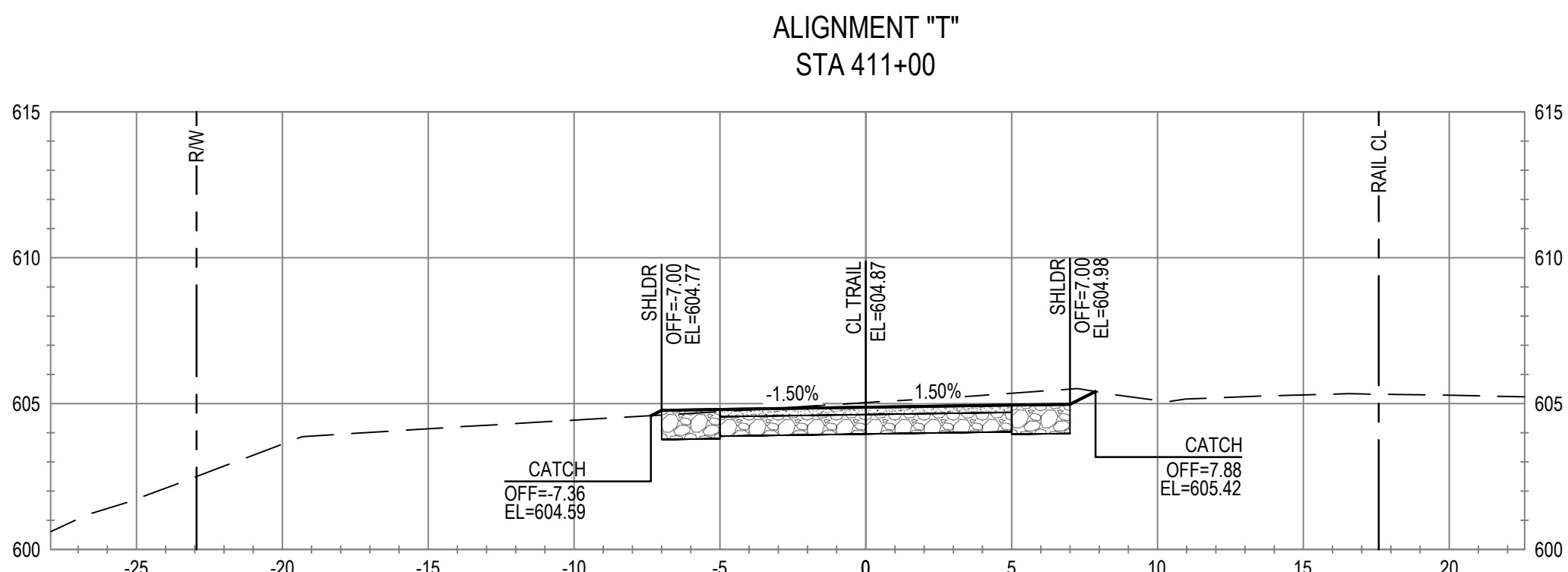
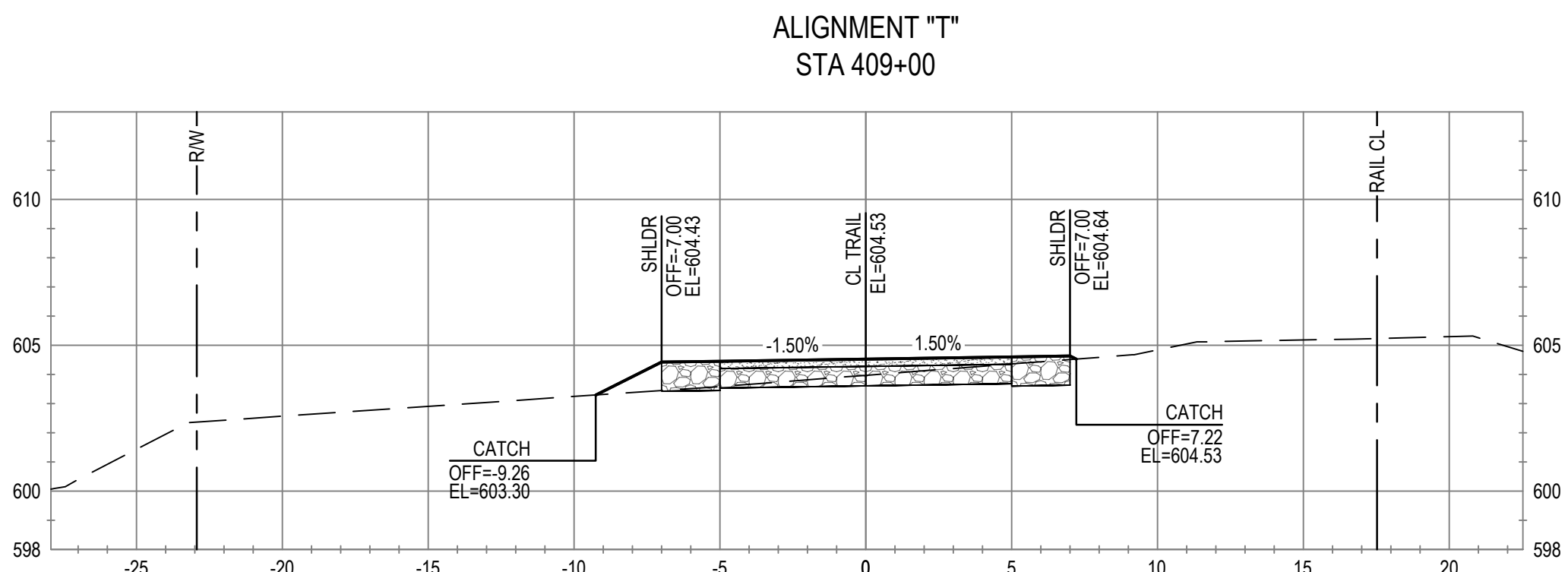
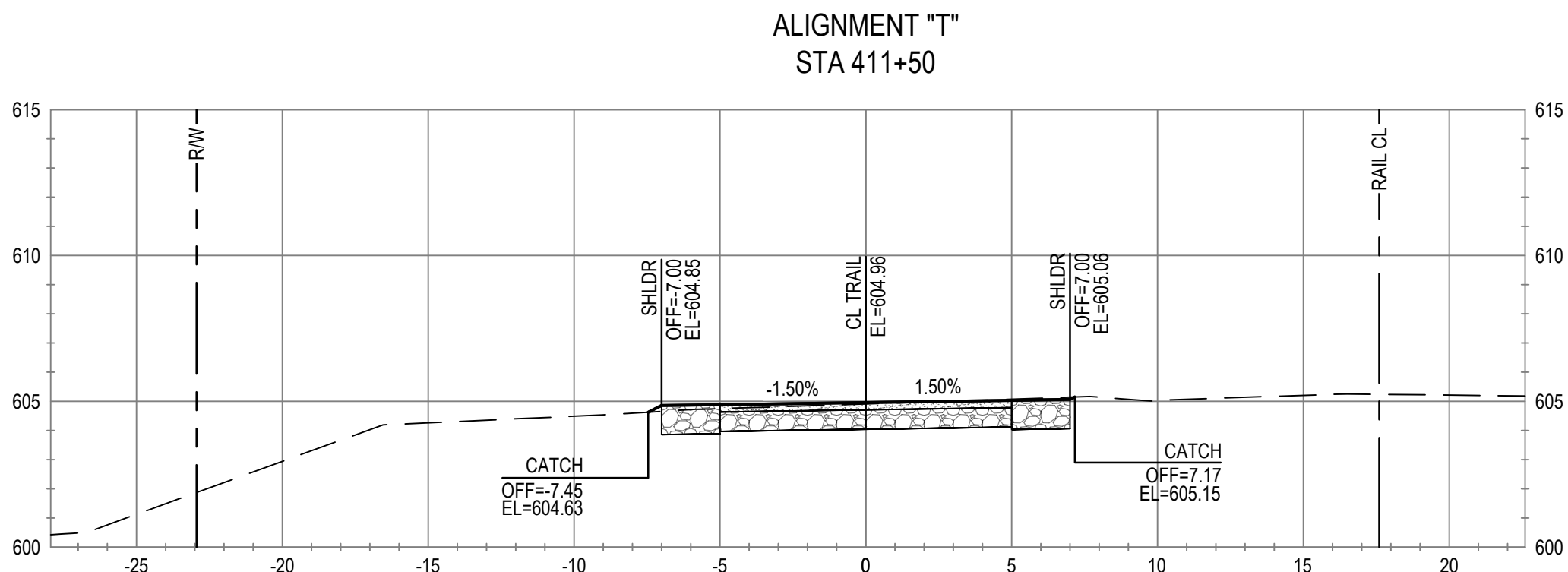
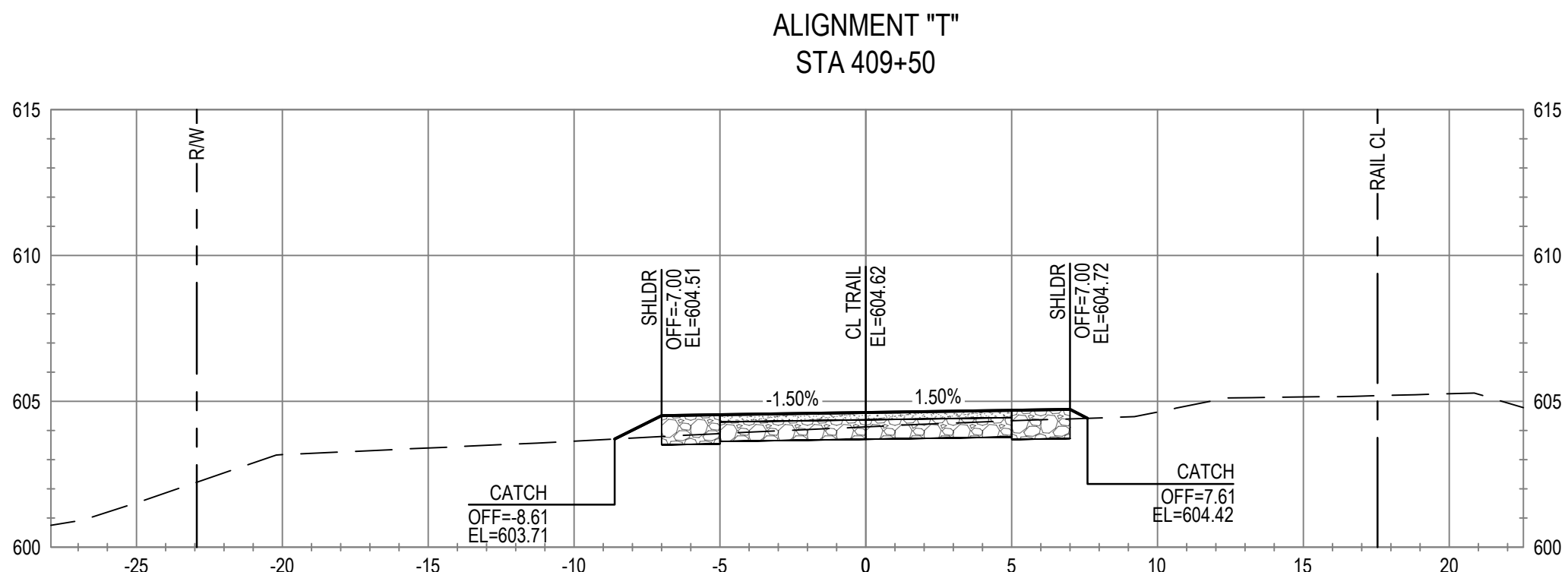
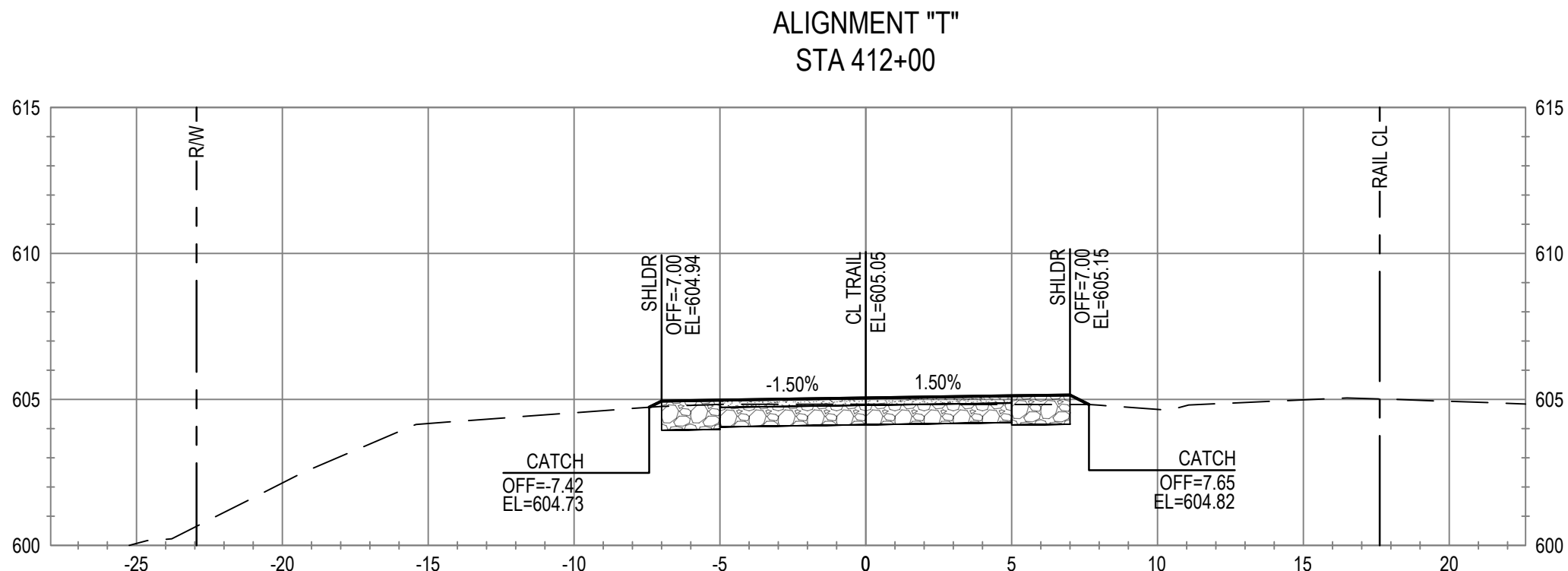
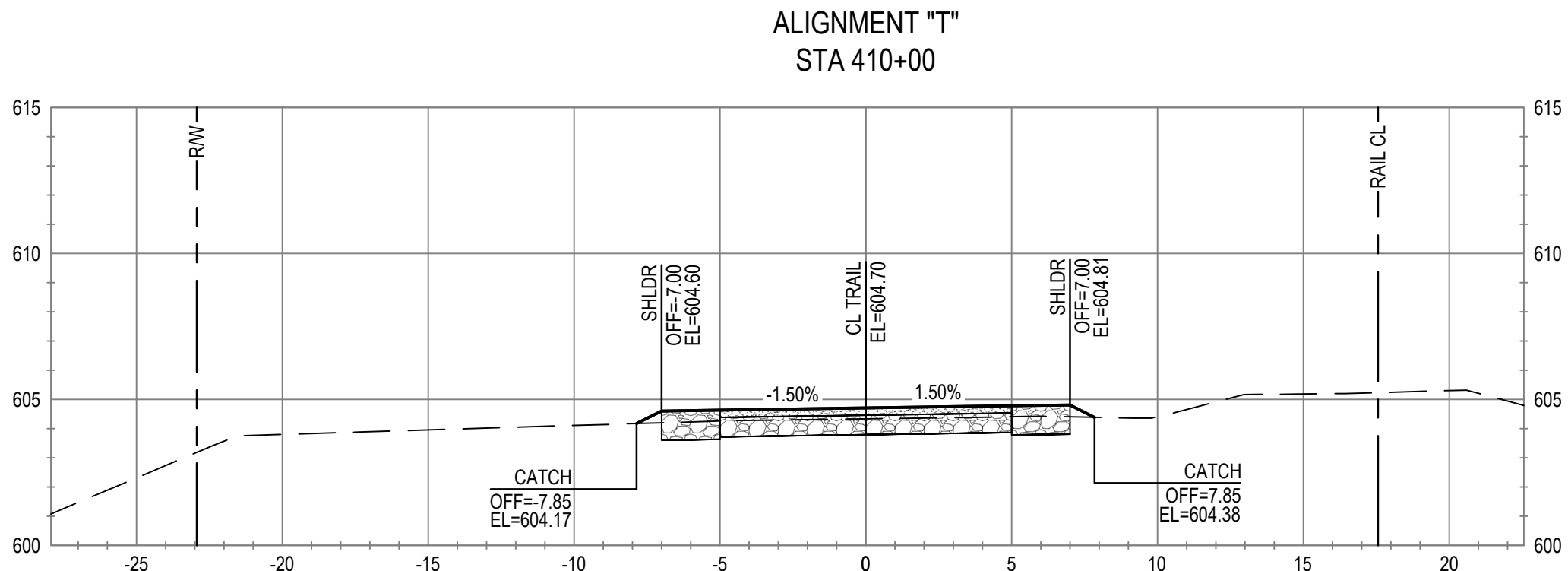
Project No.
12557341

Date
SEP 30, 2022

Scale
1" = 5'

Title **CROSS SECTIONS
STA 404+50 TO STA 408+00**

Sheet No.
C-802
Sheet
78 of 96



No.	Issue	Checked	Approved	Date
Author	C. PHELPS	Drafting Check	E. FANSELAU	
Designer	C. PHELPS	Design Check	E. FANSELAU	
		Project Manager	E. FANSELAU	
		Project Director	M. KENNEDY	

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Project No.
12557341

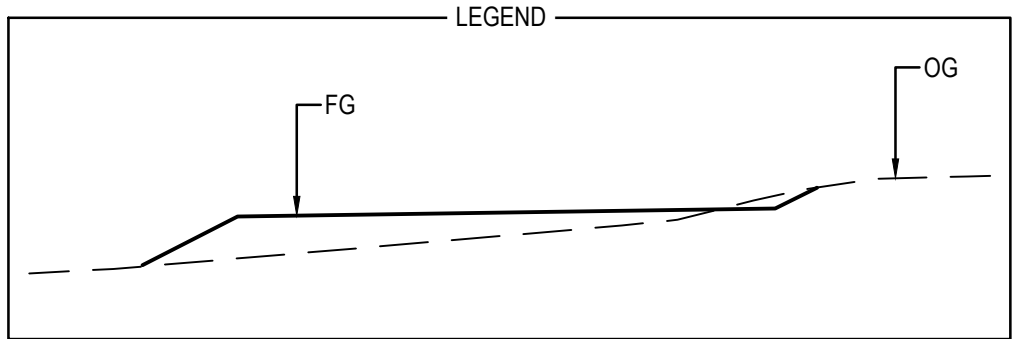
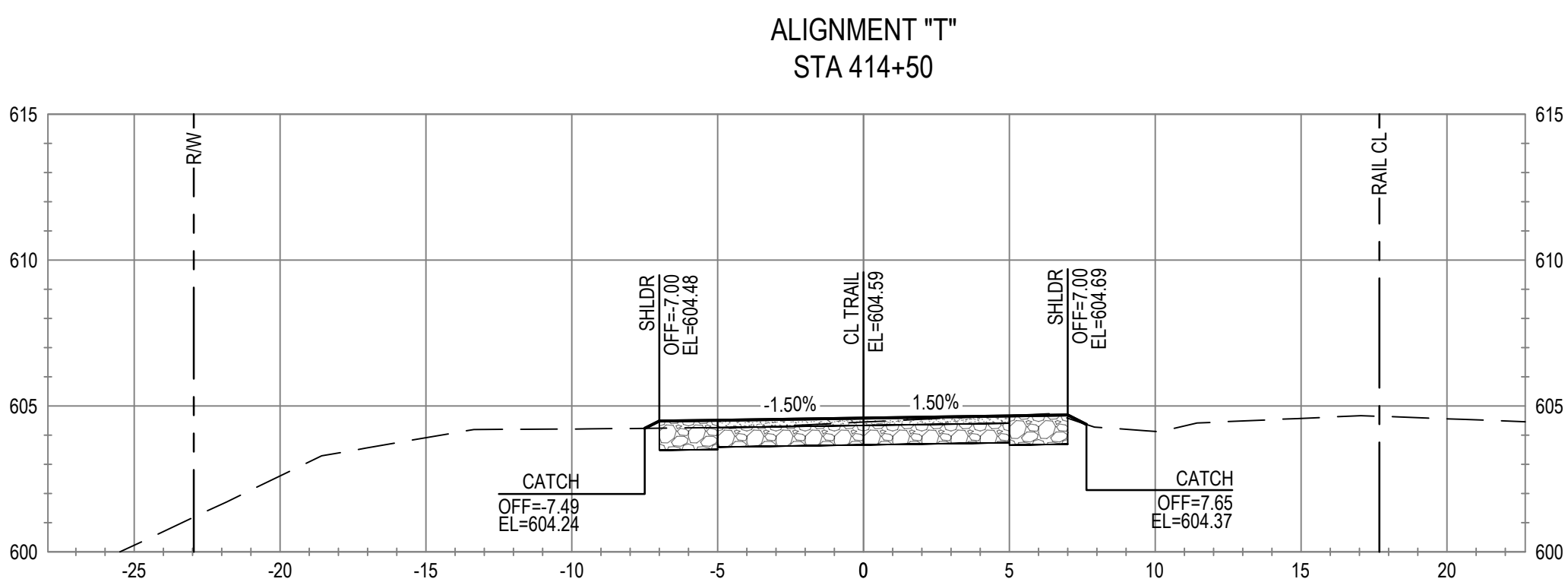
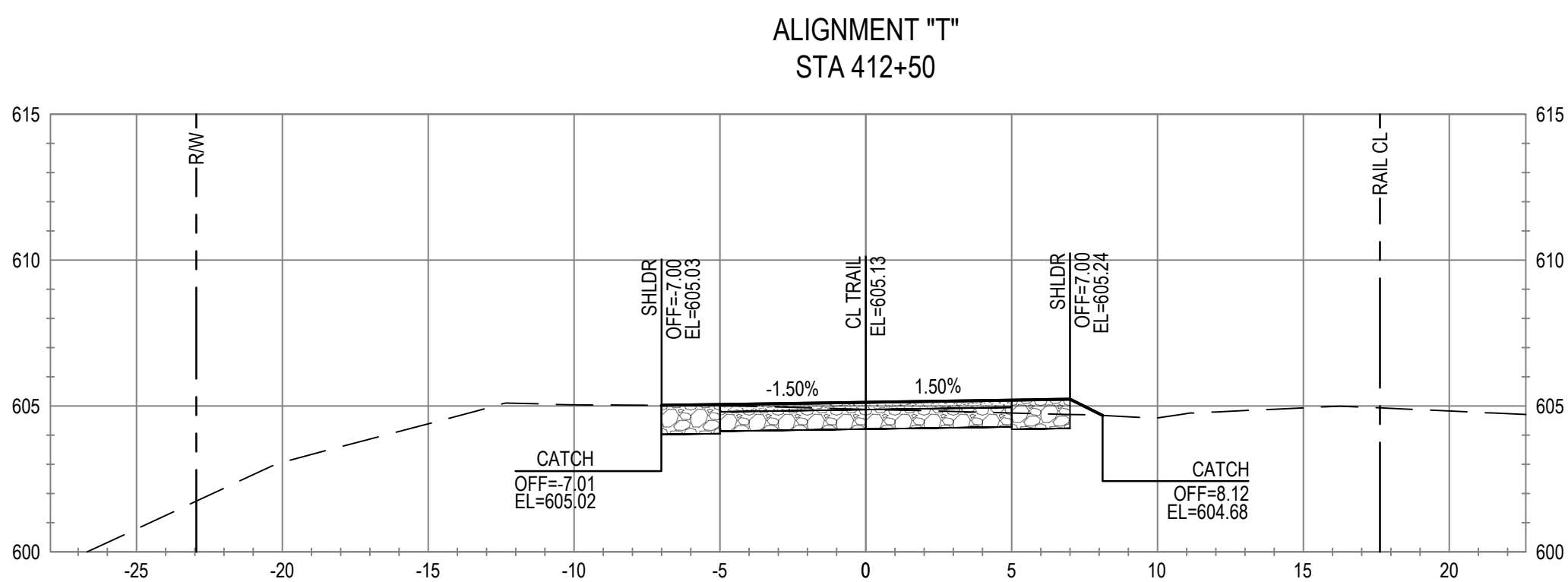
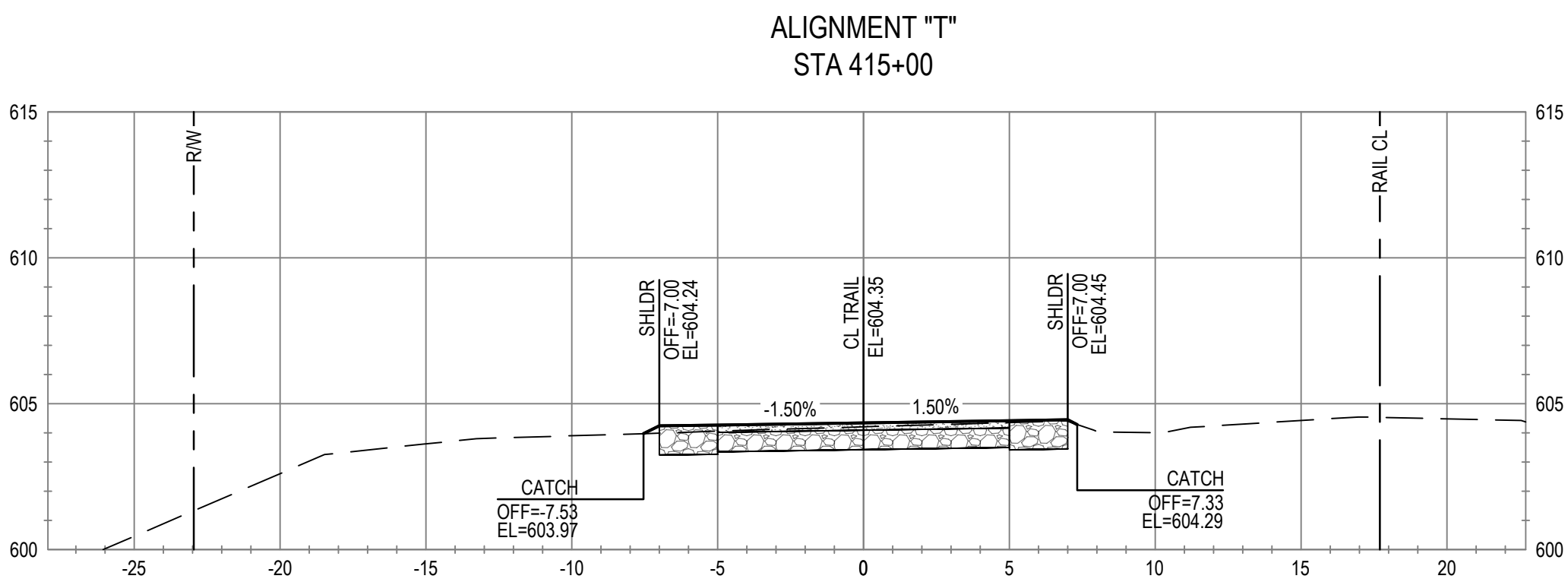
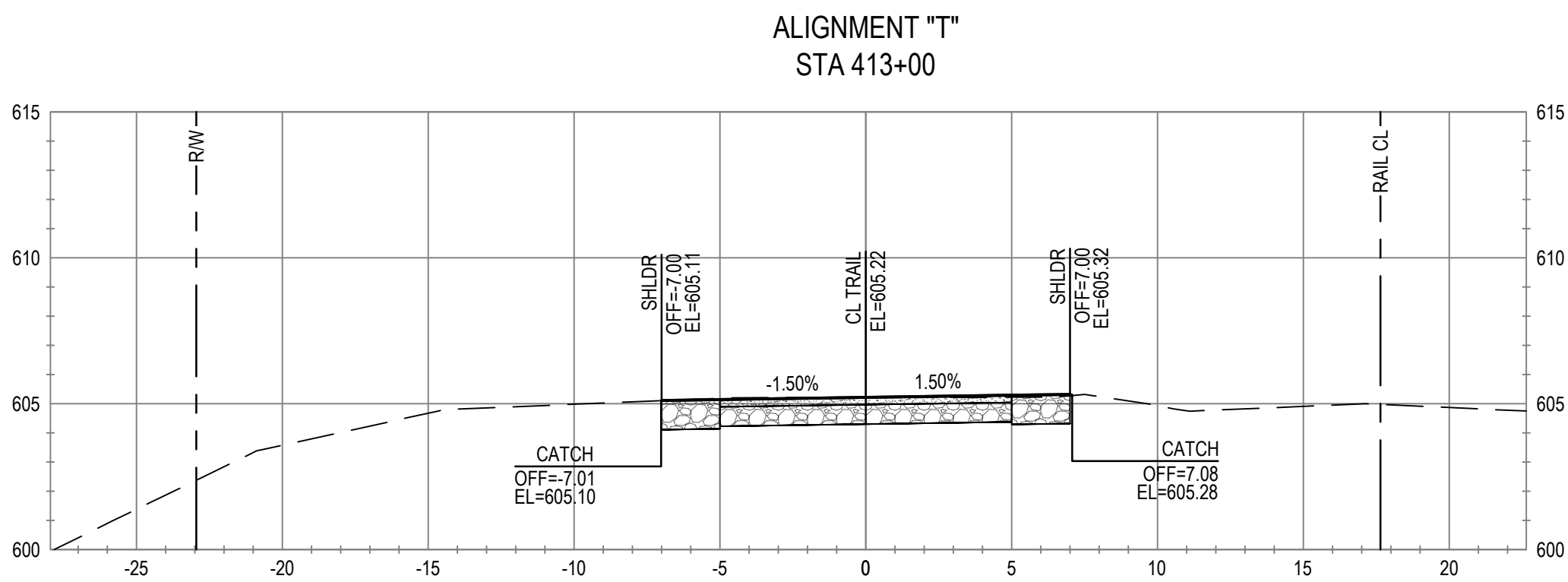
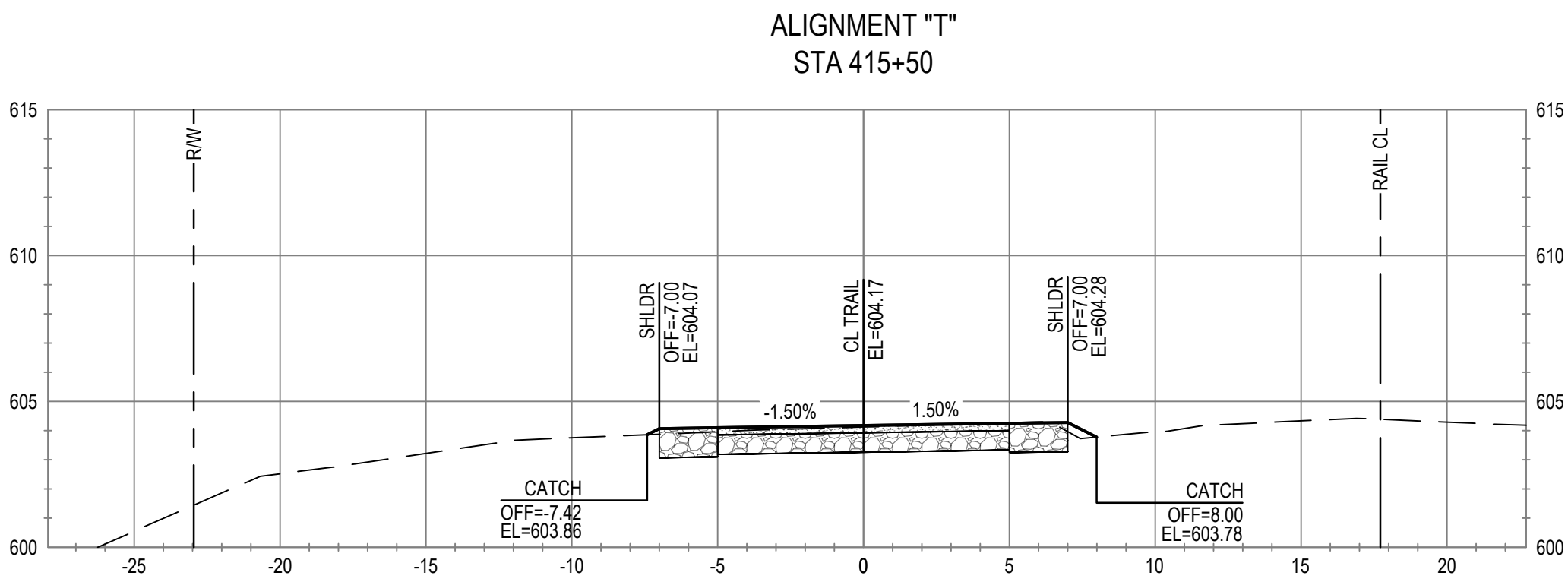
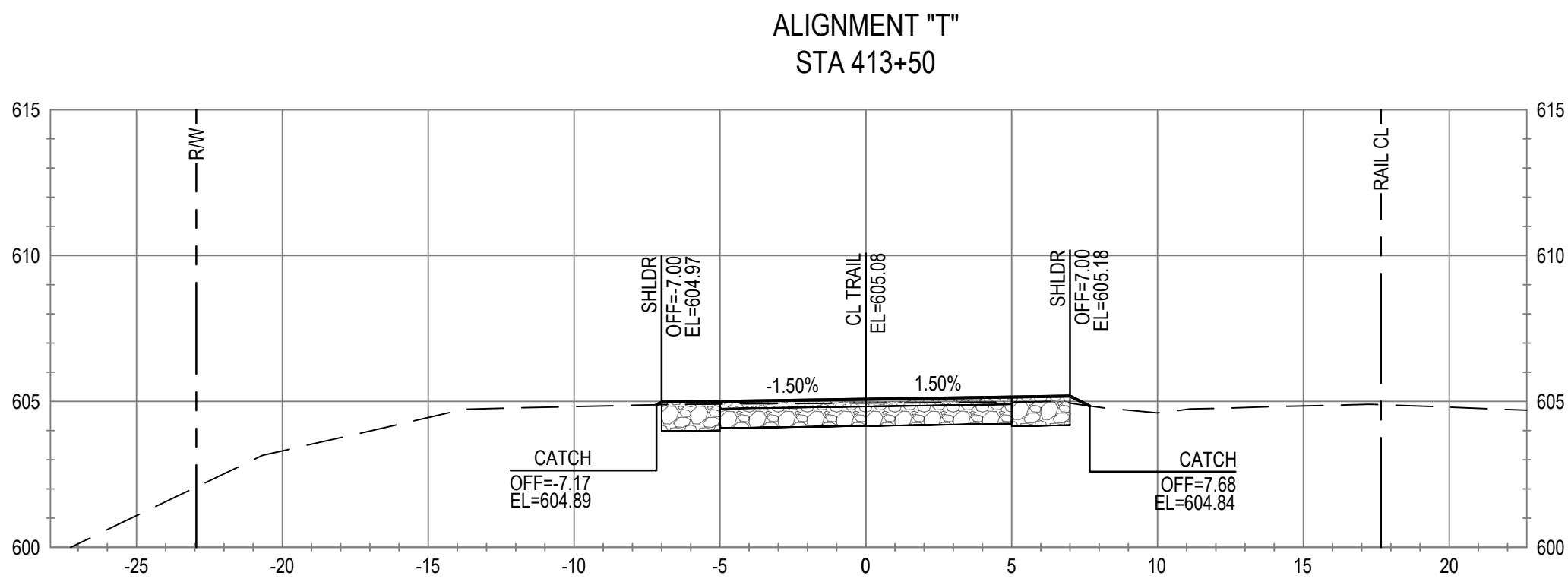
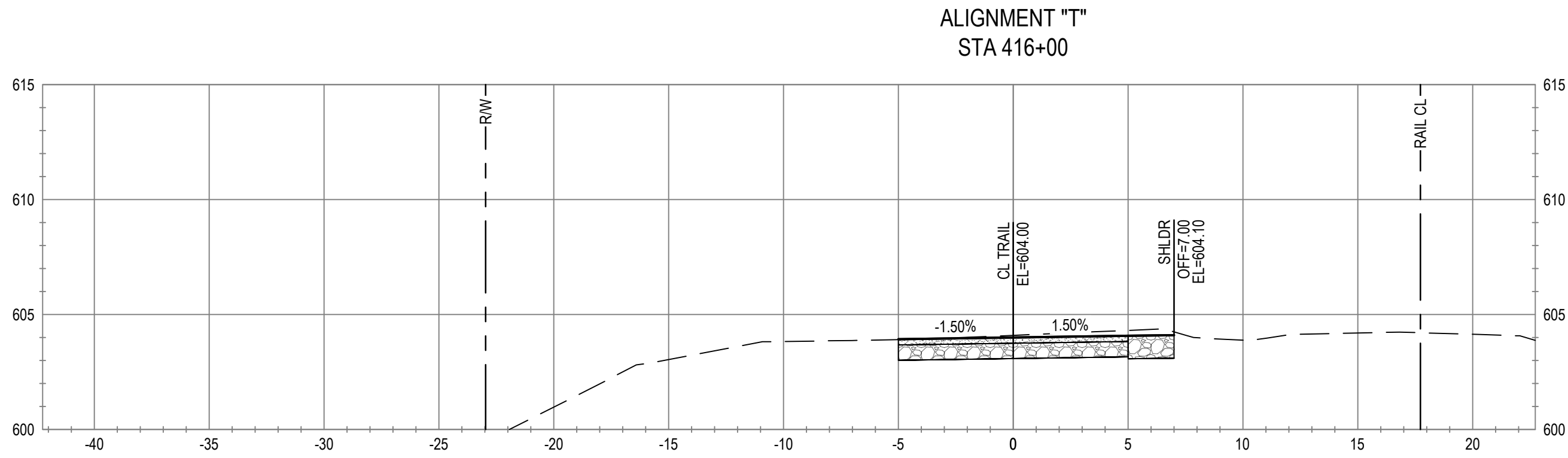
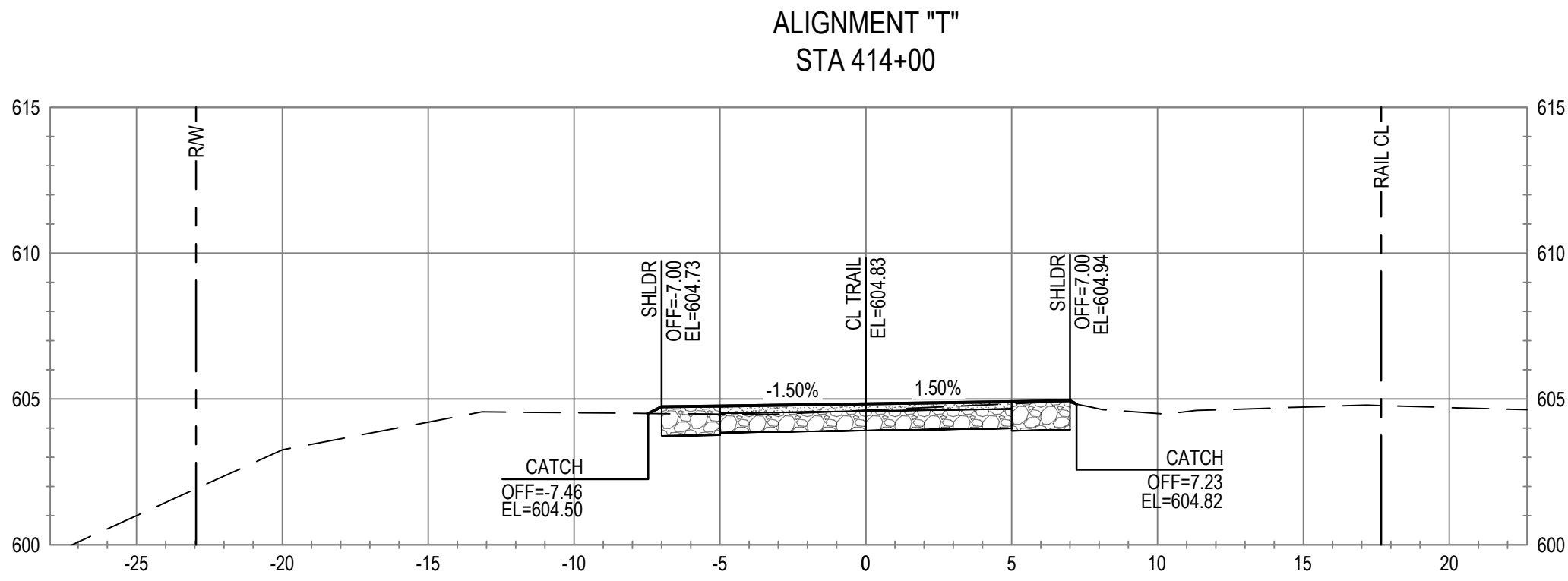
Date
SEP 30, 2022

Scale
1" = 5'

Title CROSS SECTIONS
STA 408+50 TO STA 412+00

Size
ANSI D

Sheet No.
C-803
Sheet
79 of 96



No.	Issue	Checked	Approved	Date
Author	C. PHELPS	Drafting Check	E. FANSELAU	
Designer	C. PHELPS	Design Check	E. FANSELAU	
		Project Manager	E. FANSELAU	
		Project Director	M. KENNEDY	

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Project THE GREAT REDWOOD TRAIL PHASE 4

Project No.
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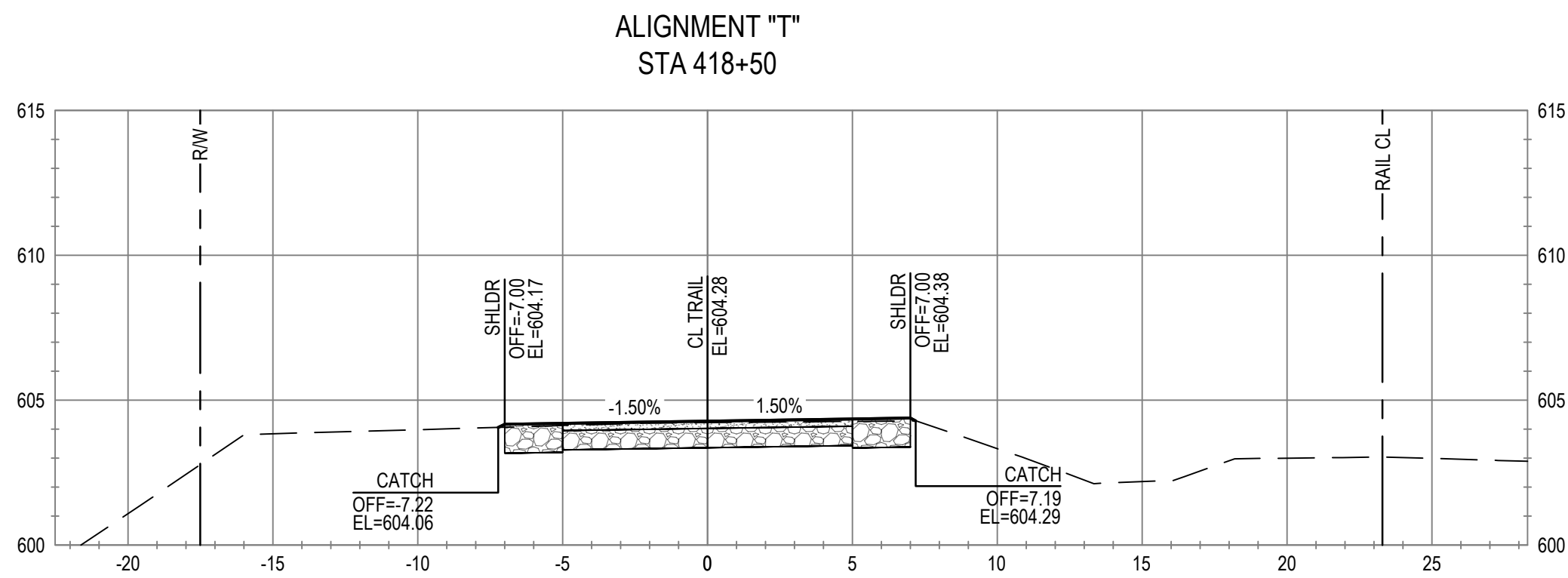
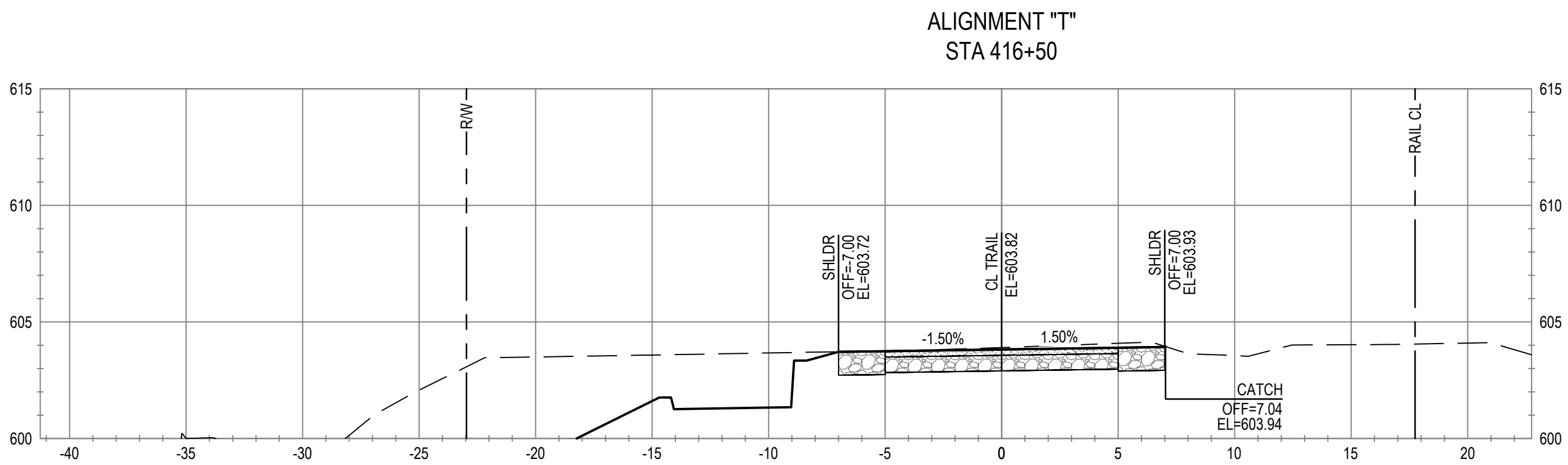
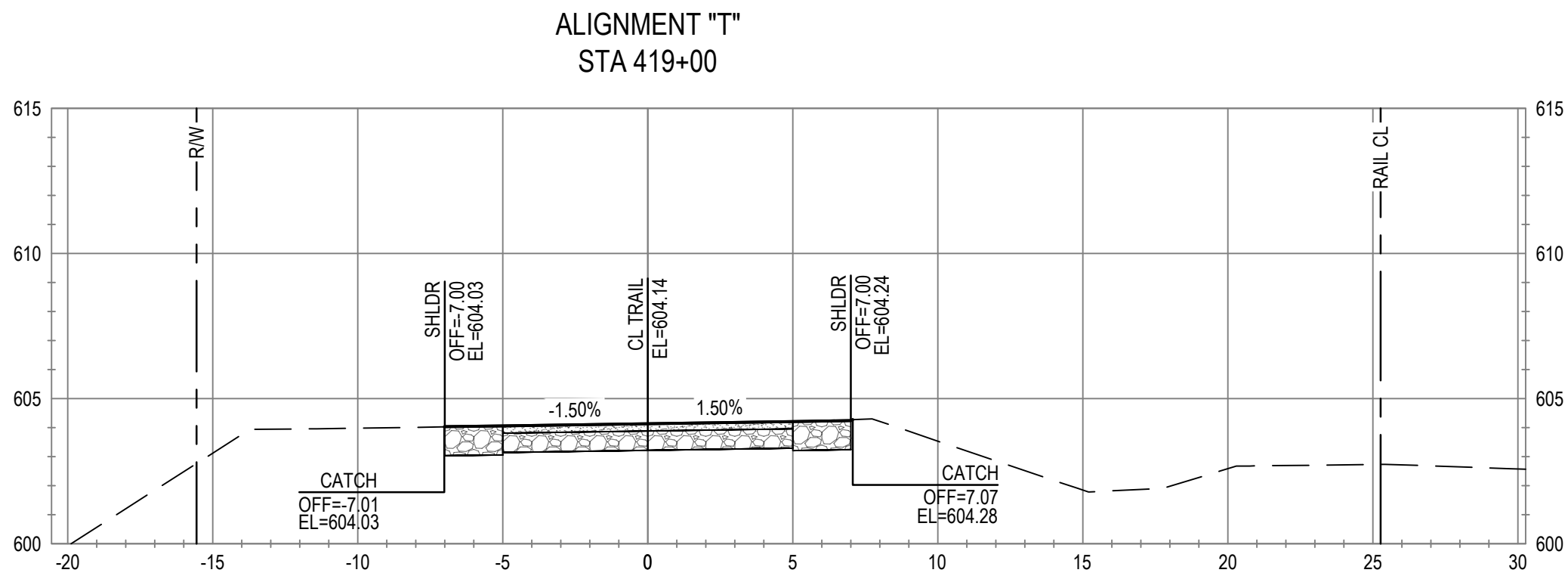
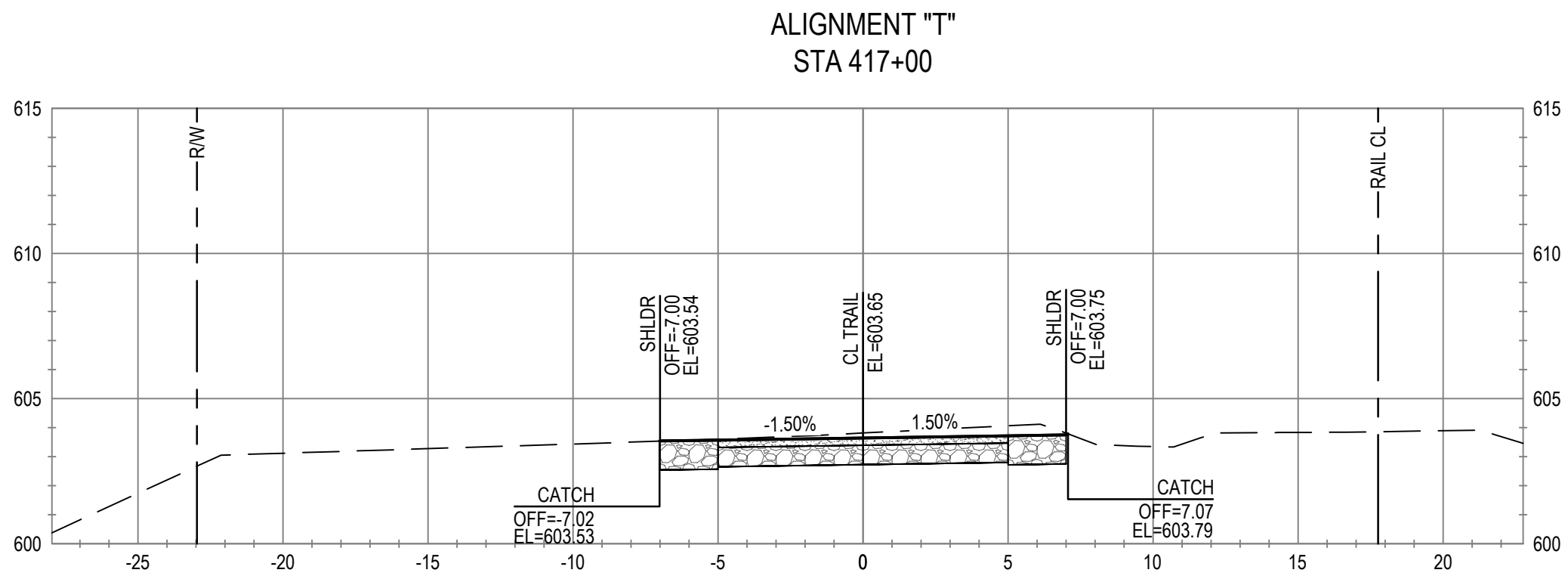
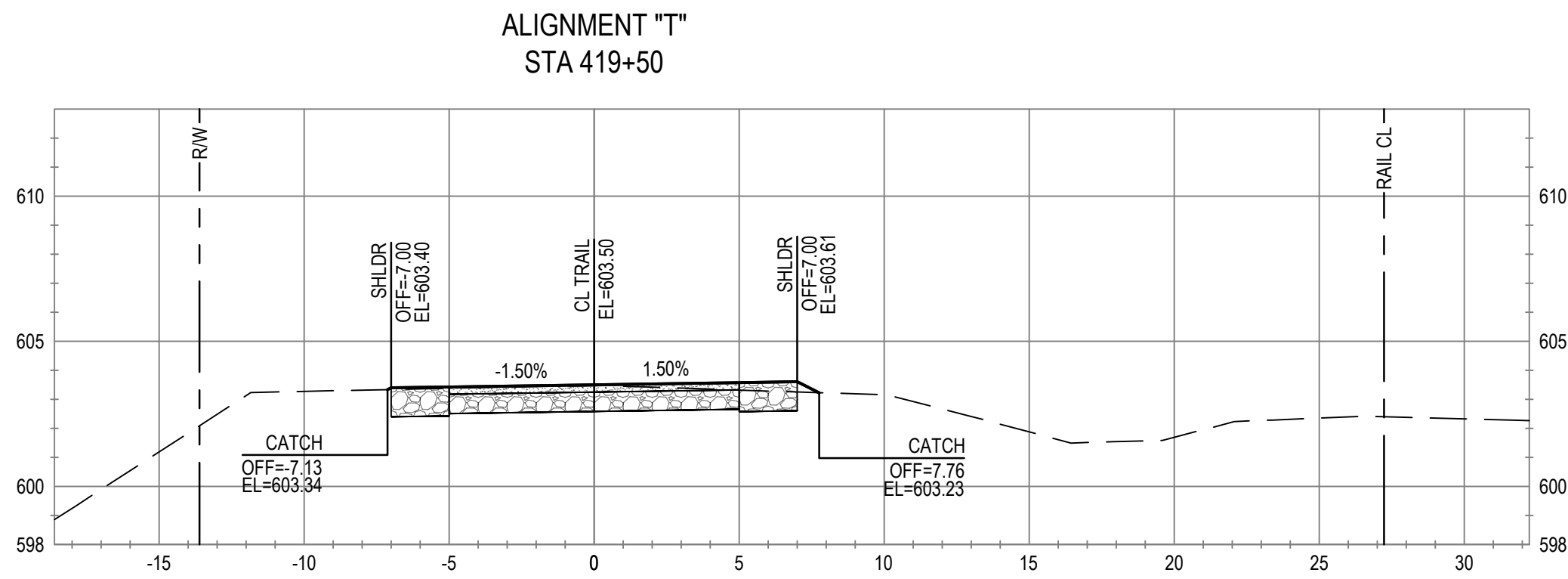
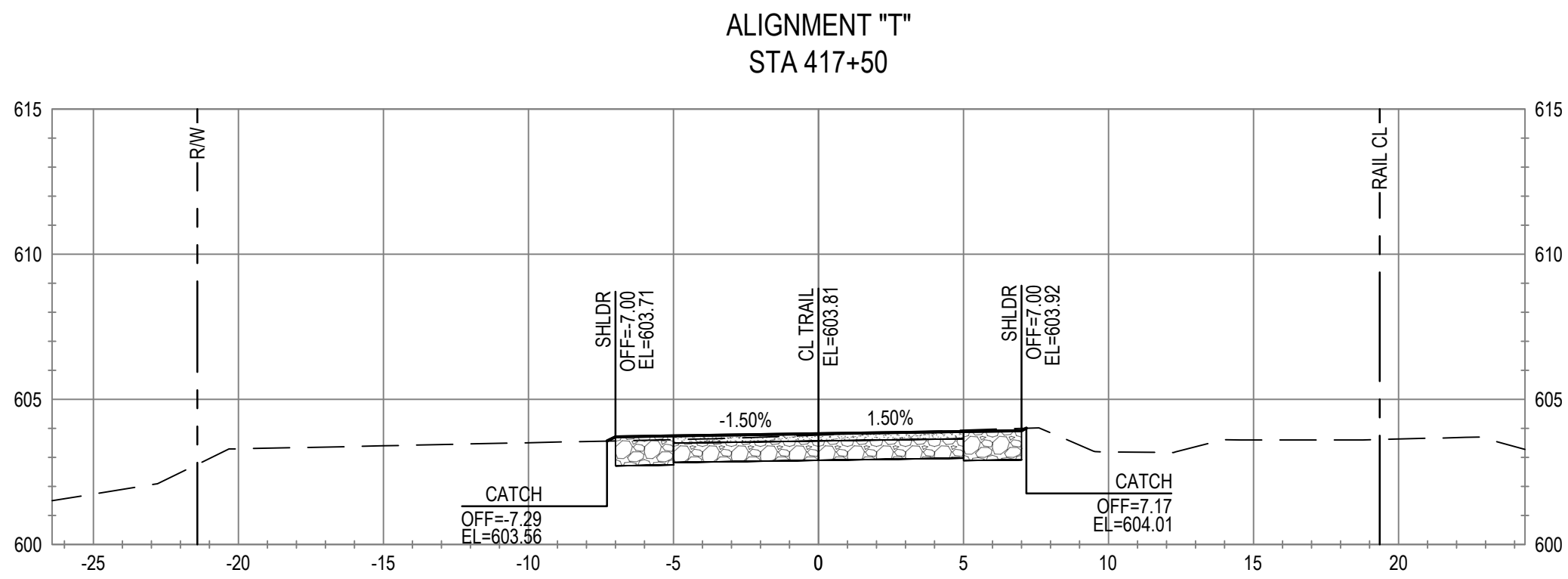
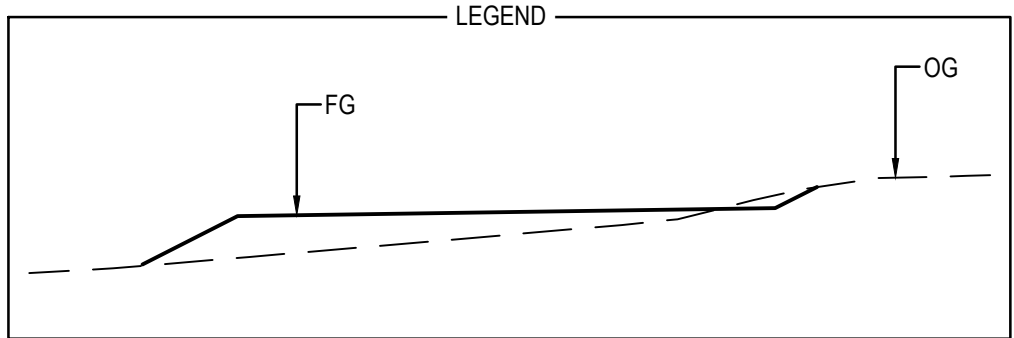
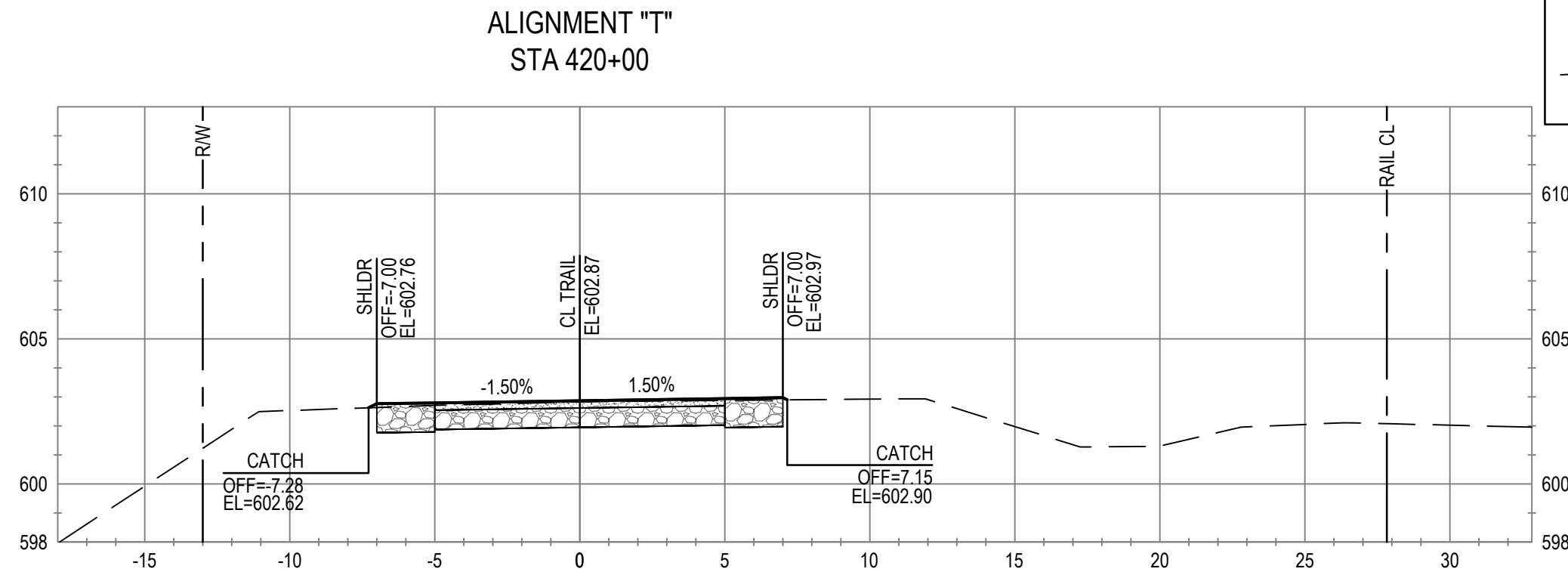
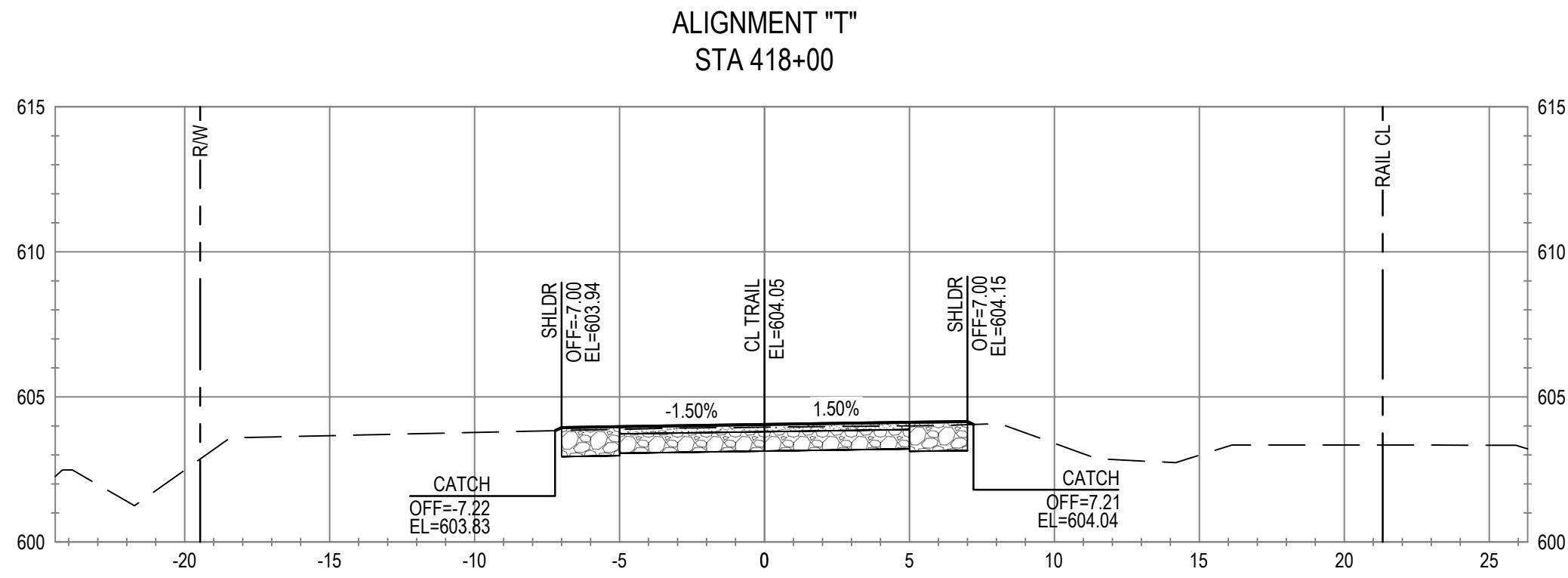
Date
SEP 30, 2022

Scale
1" = 5'

Title CROSS SECTIONS
STA 412+50 TO STA 416+00

Size
ANSI D

Sheet No.
C-804
Sheet
80 of 96



No.	Issue	Checked		Approved	Date
Author	C. PHELPS	Drafting Check	E. FANSELAU	Project Manager	E. FANSELAU
Designer	C. PHELPS	Design Check	E. FANSELAU	Project Director	M. KENNEDY

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Project THE GREAT REDWOOD TRAIL PHASE 4

Project No.
12557341

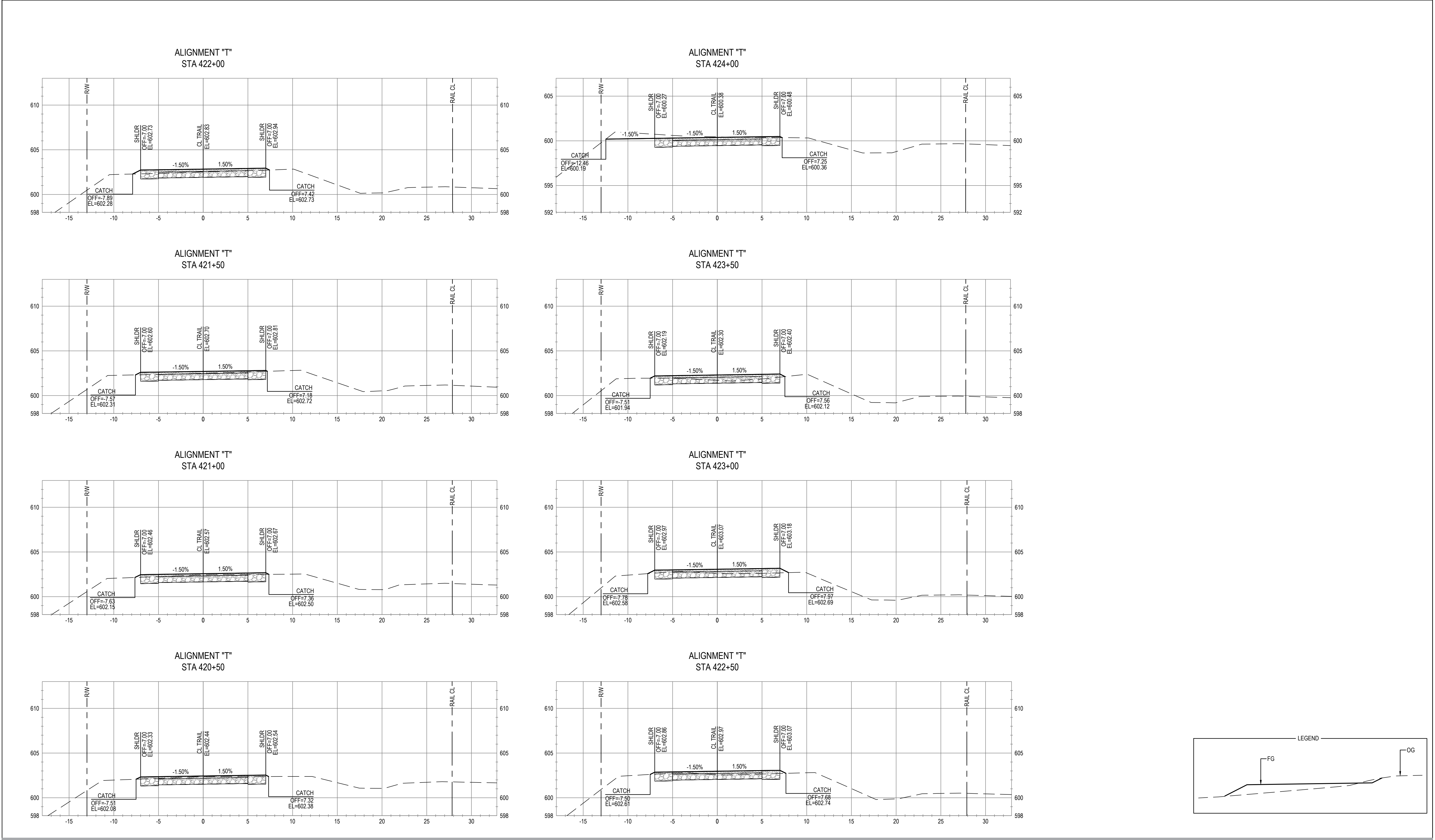
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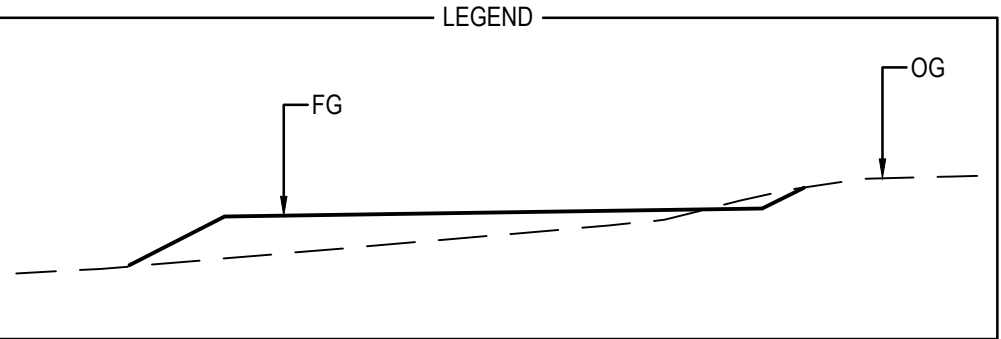
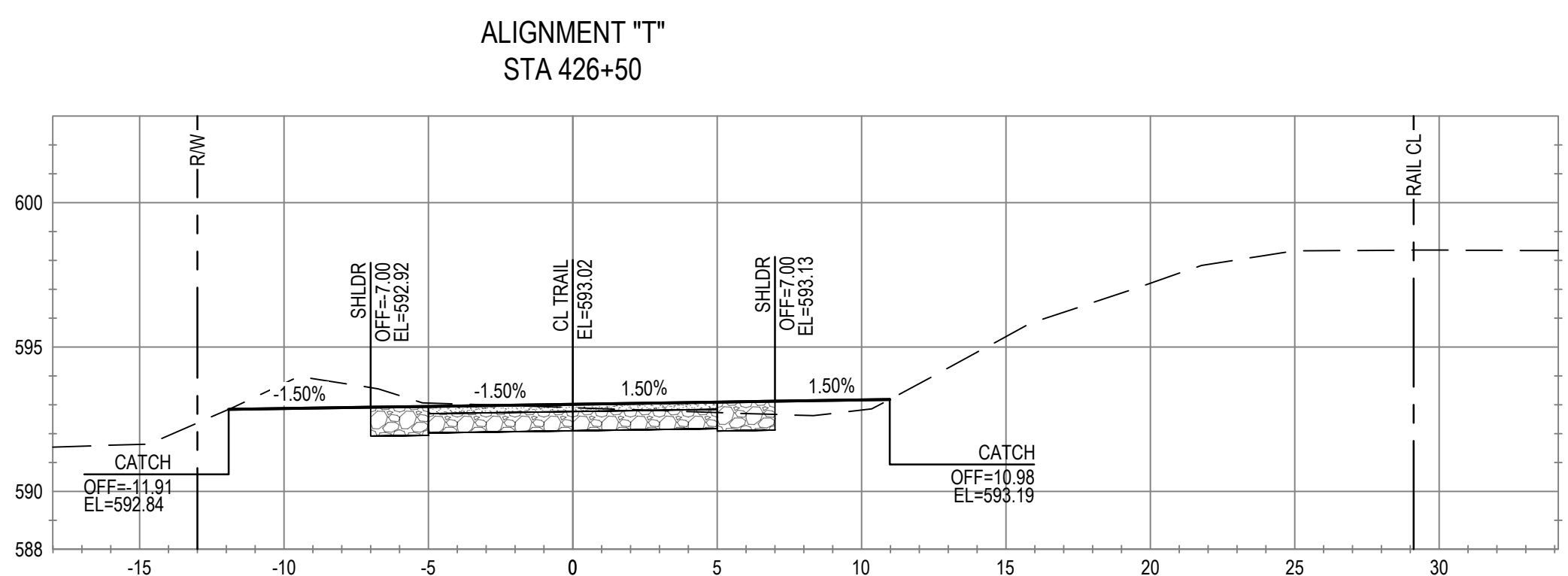
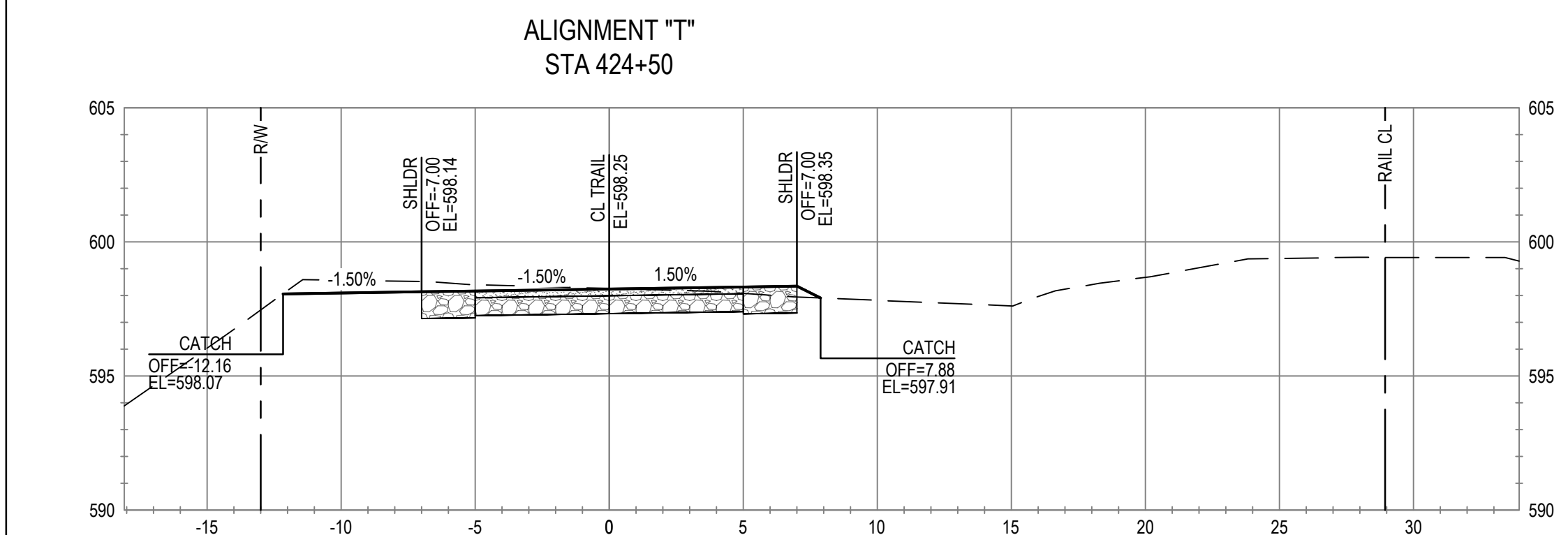
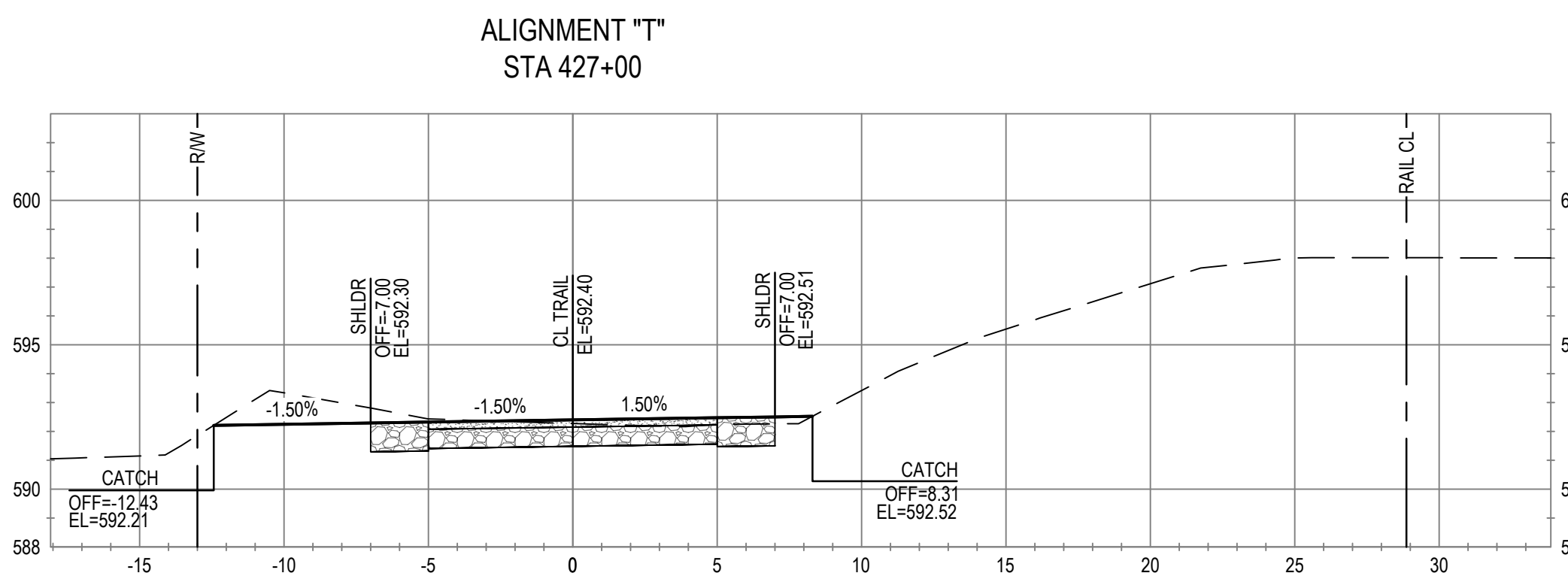
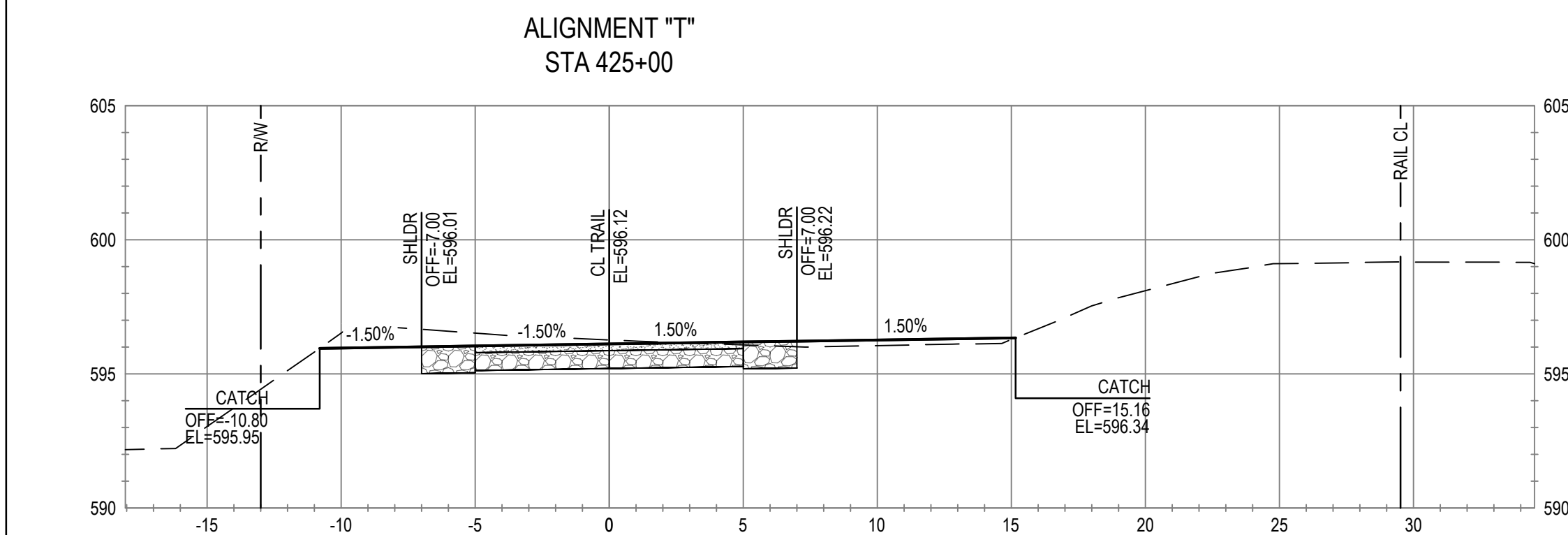
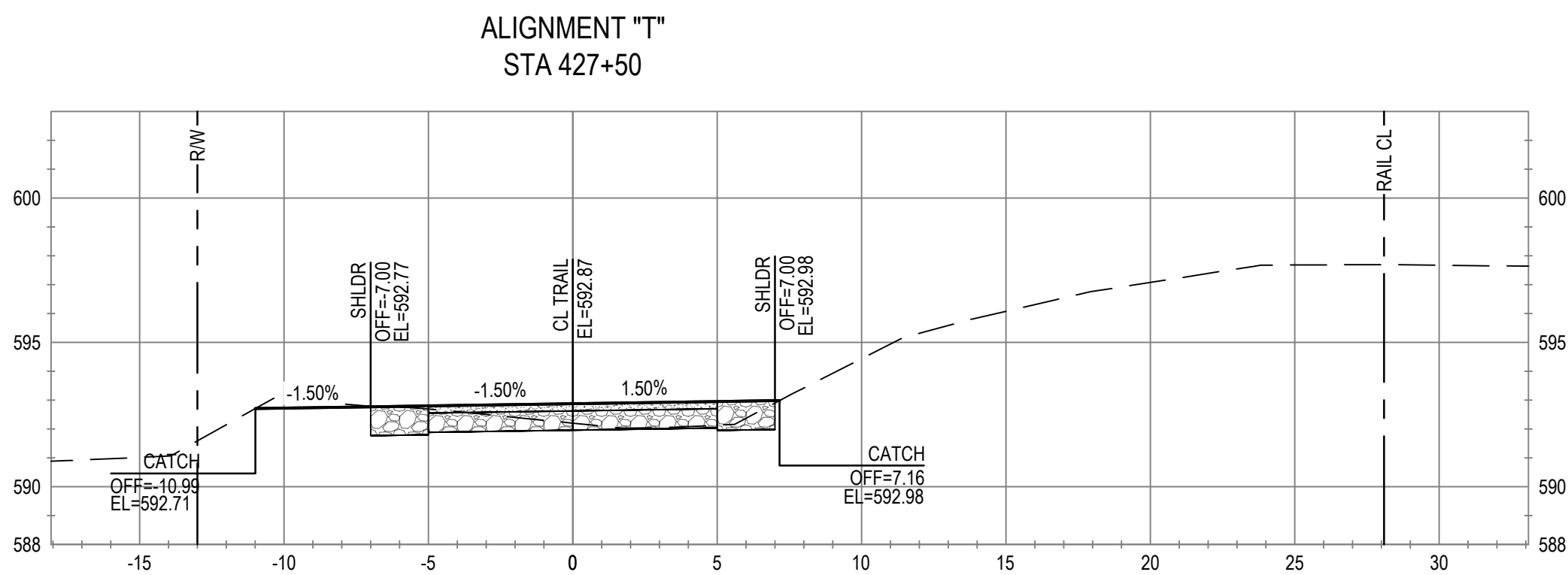
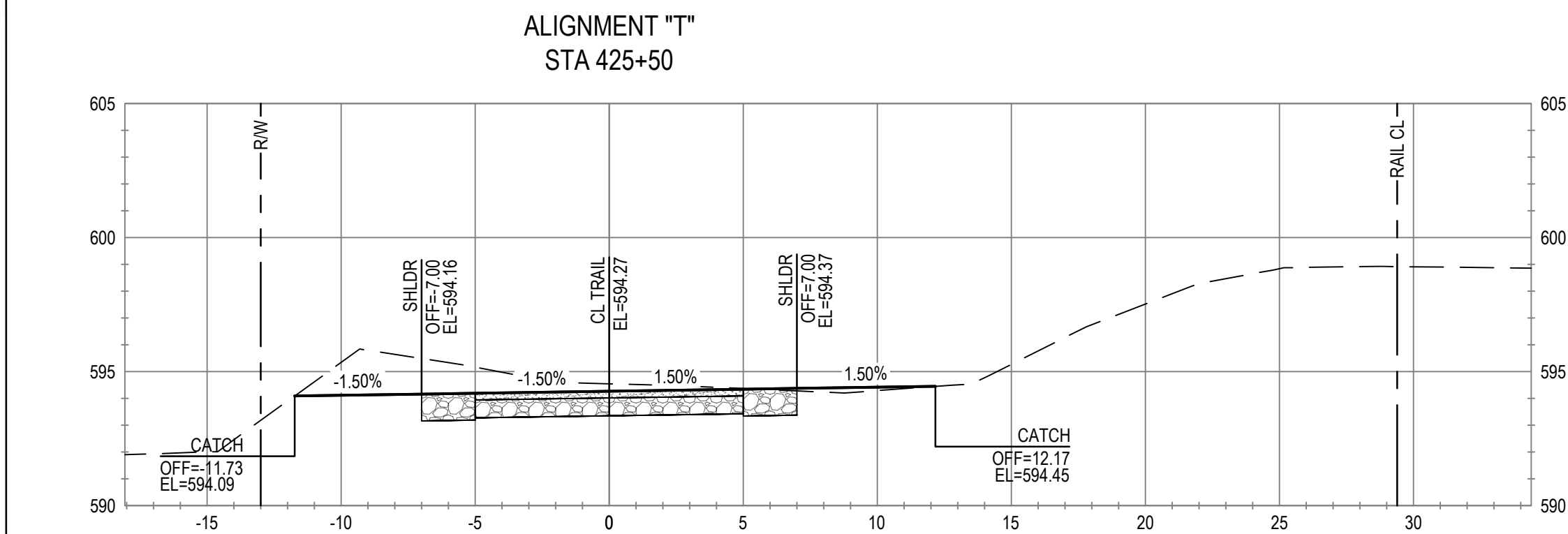
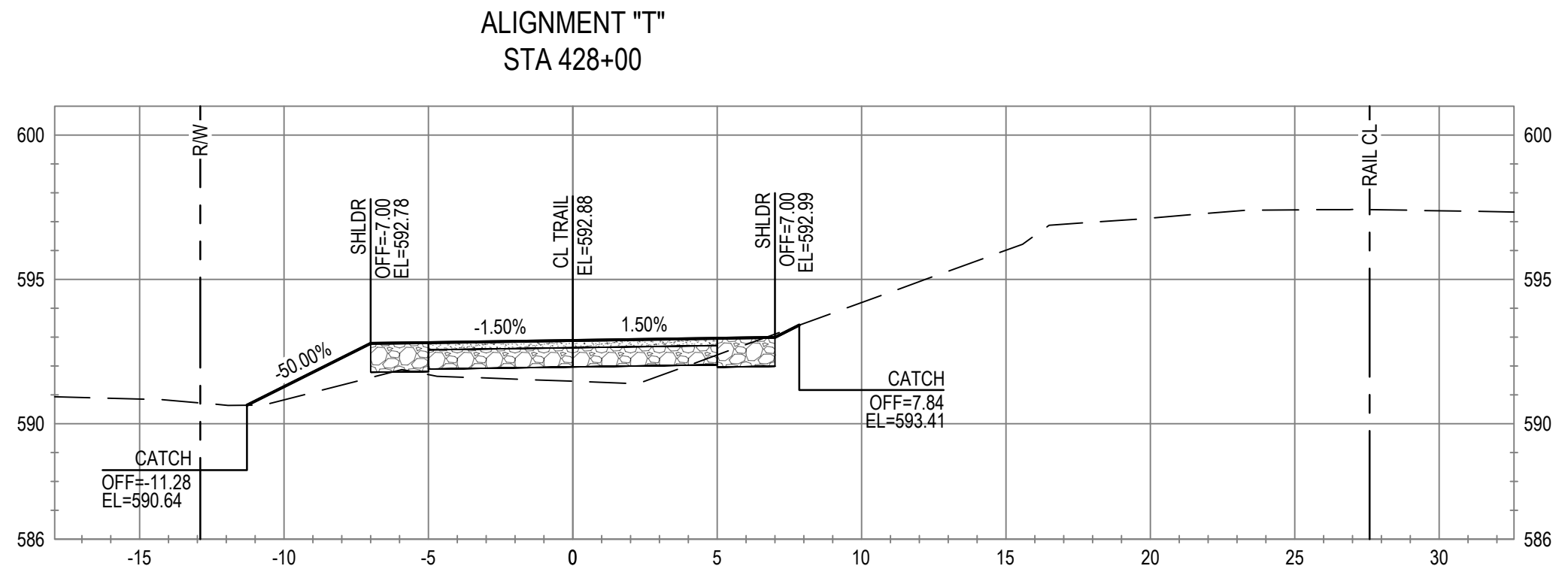
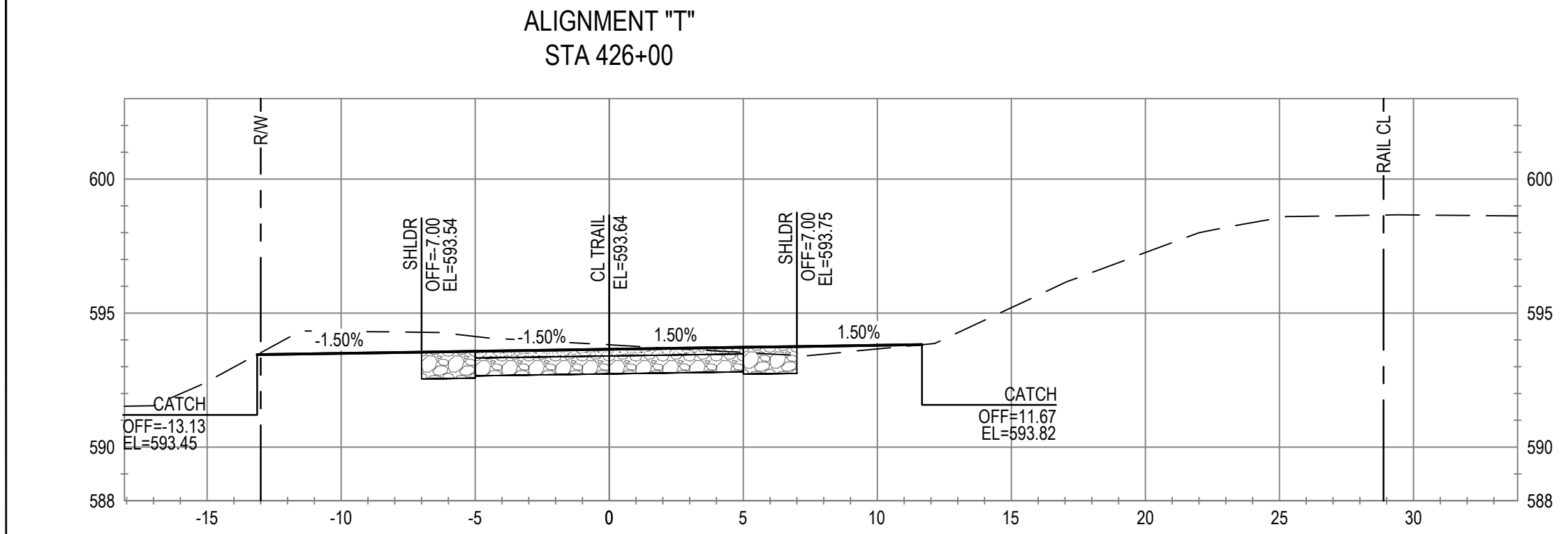
Title CROSS SECTIONS
STA 416+50 TO STA 420+00

Size
ANSI D

Sheet No.
C-805
81 of 96



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Project THE GREAT REDWOOD TRAIL PHASE 4		Project No. 12557341		Date SEP 30, 2022					Scale 1" = 5'		Sheet No. C-806 82 of 96			
No. Issue				Checked Approved Date										
Author C. PHELPS		Drafting Check E. FANSELAU		Project Manager E. FANSELAU										
Designer C. PHELPS		Design Check E. FANSELAU		Project Director M. KENNEDY										
Plot Date: 21 December 2022 - 6:36 PM														
Plotted By: Haytham Daas														
Filename: N:\US\Santa Rosa\Projects\5611\12557341\Digital_Design\RD\C3D\sheets\12557341-GHD-0000-TRL-RD-D801.dwg														



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		Project Director	M. KENNEDY	

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Project THE GREAT REDWOOD TRAIL PHASE 4

Project No. 12557341

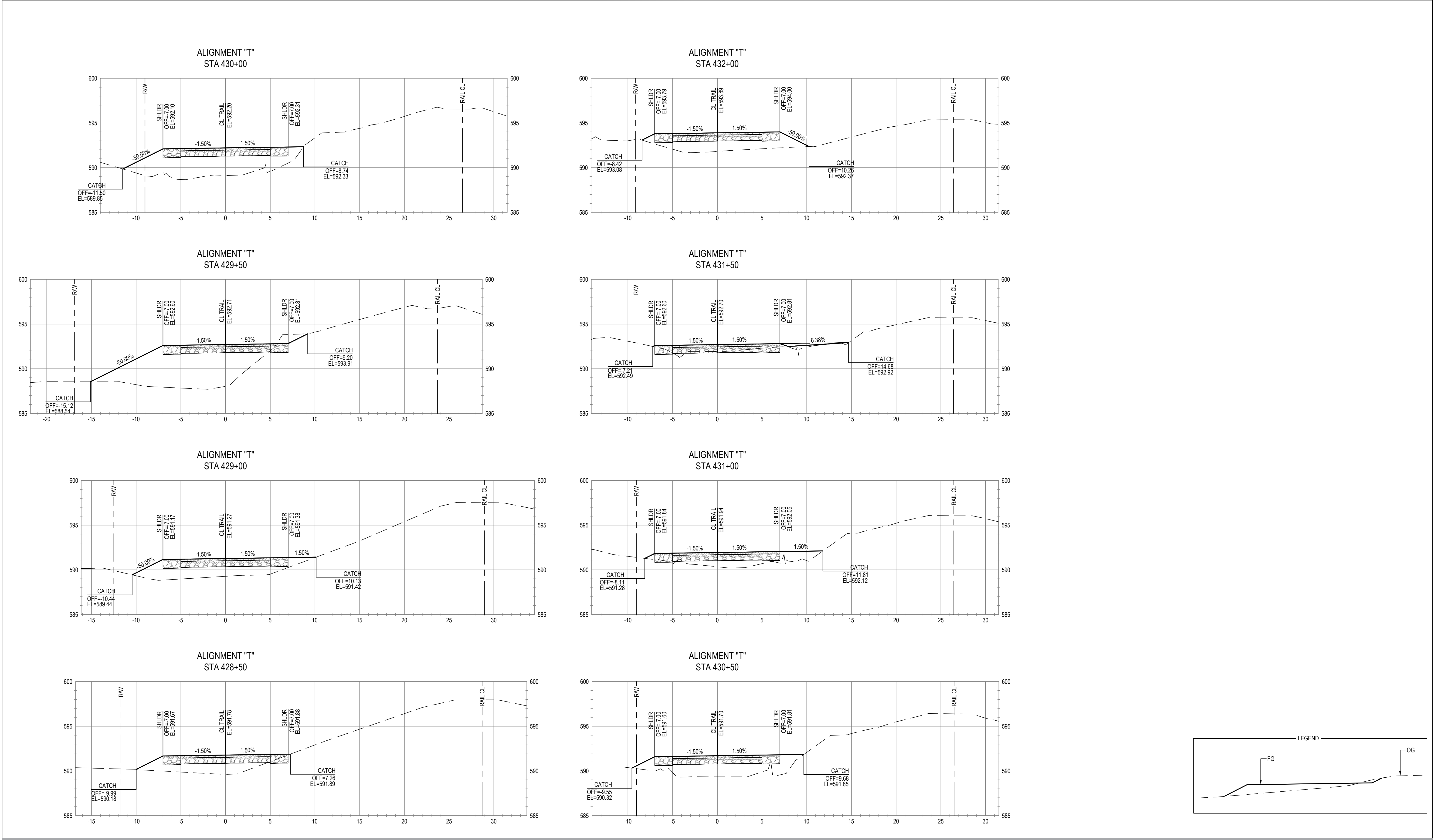
Date SEP 30, 2022

Scale 1" = 5'

Title CROSS SECTIONS
STA 424+50 TO STA 428+00

Size ANSI D

Sheet No. C-807
Sheet 83 of 96



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No.	Issue	Checked	Approved	Date							
Author	C. PHELPS	Drafting Check	E. FANSELAU	Project Manager	E. FANSELAU						
Designer	C. PHELPS	Design Check	E. FANSELAU	Project Director	M. KENNEDY						

Plot Date: 21 December 2022 - 6:36 PM

Plotted by: Haytham Dass

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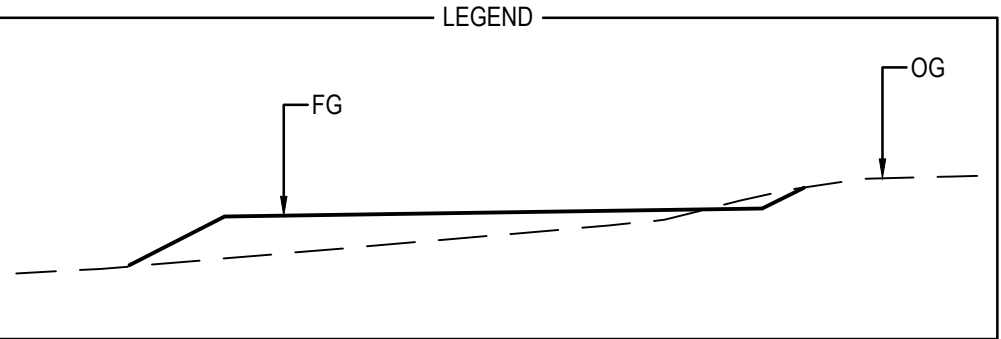
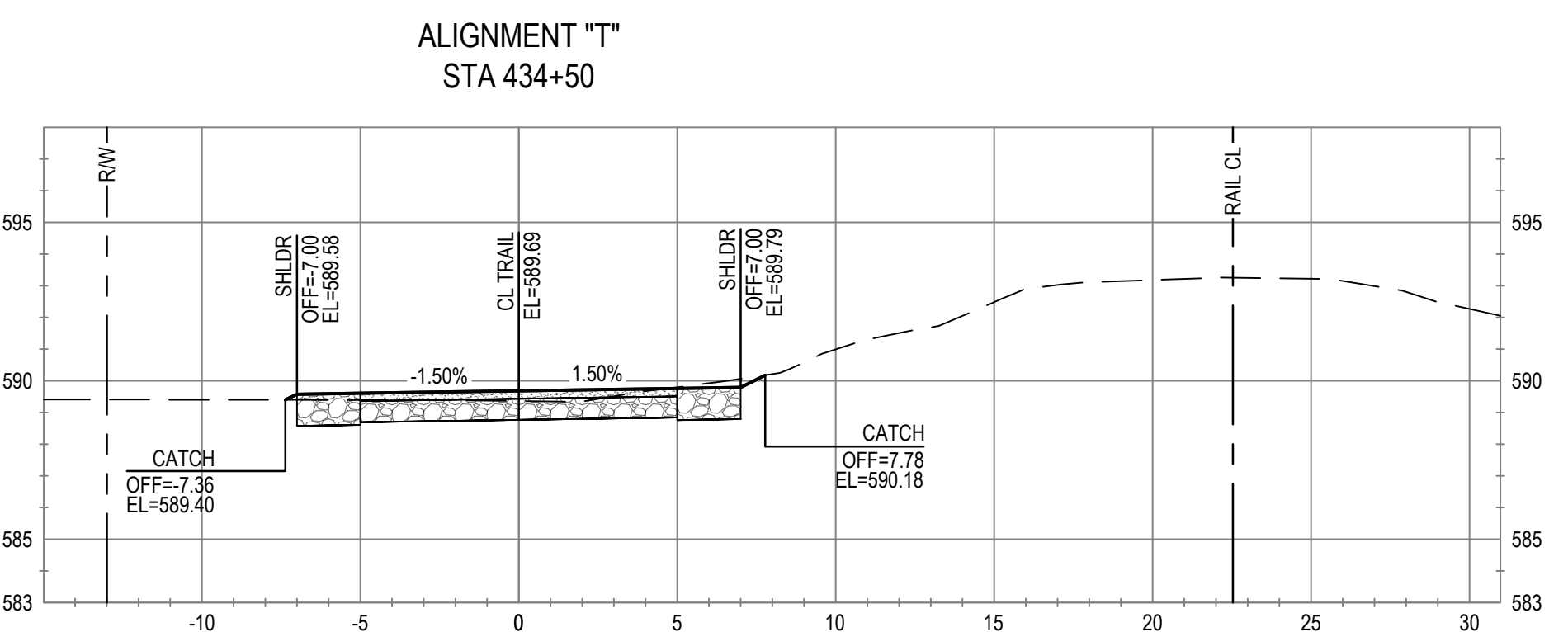
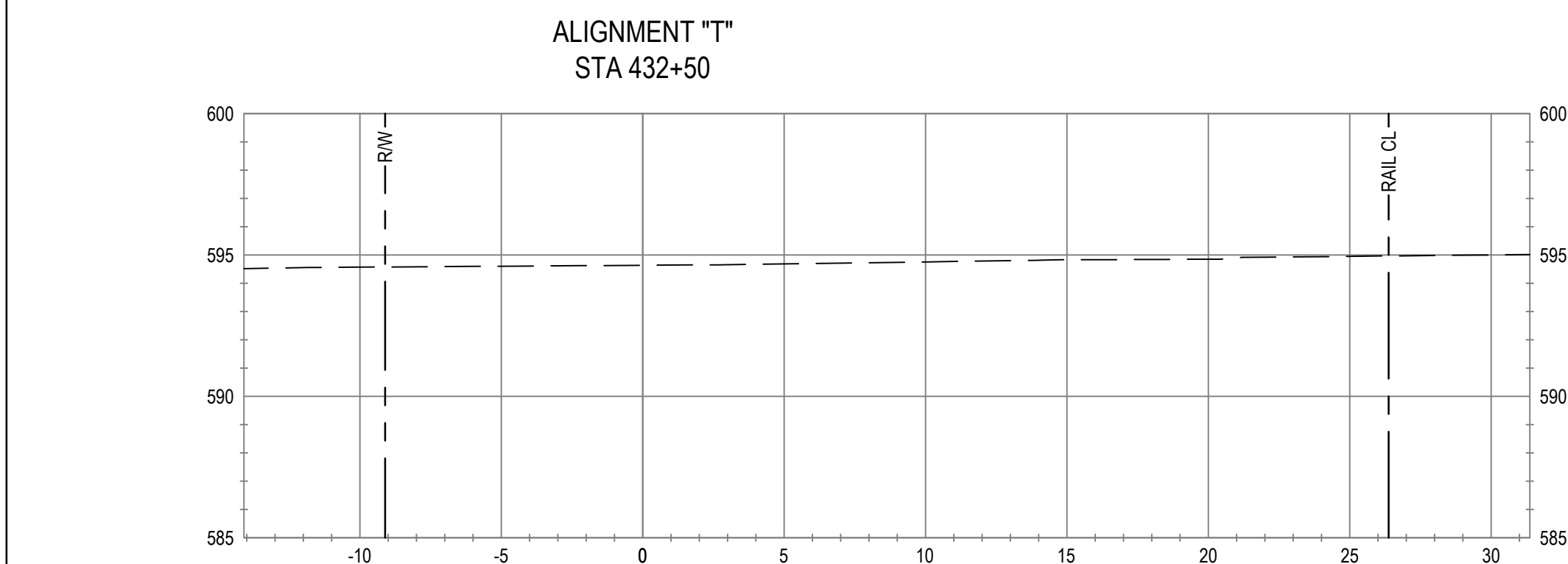
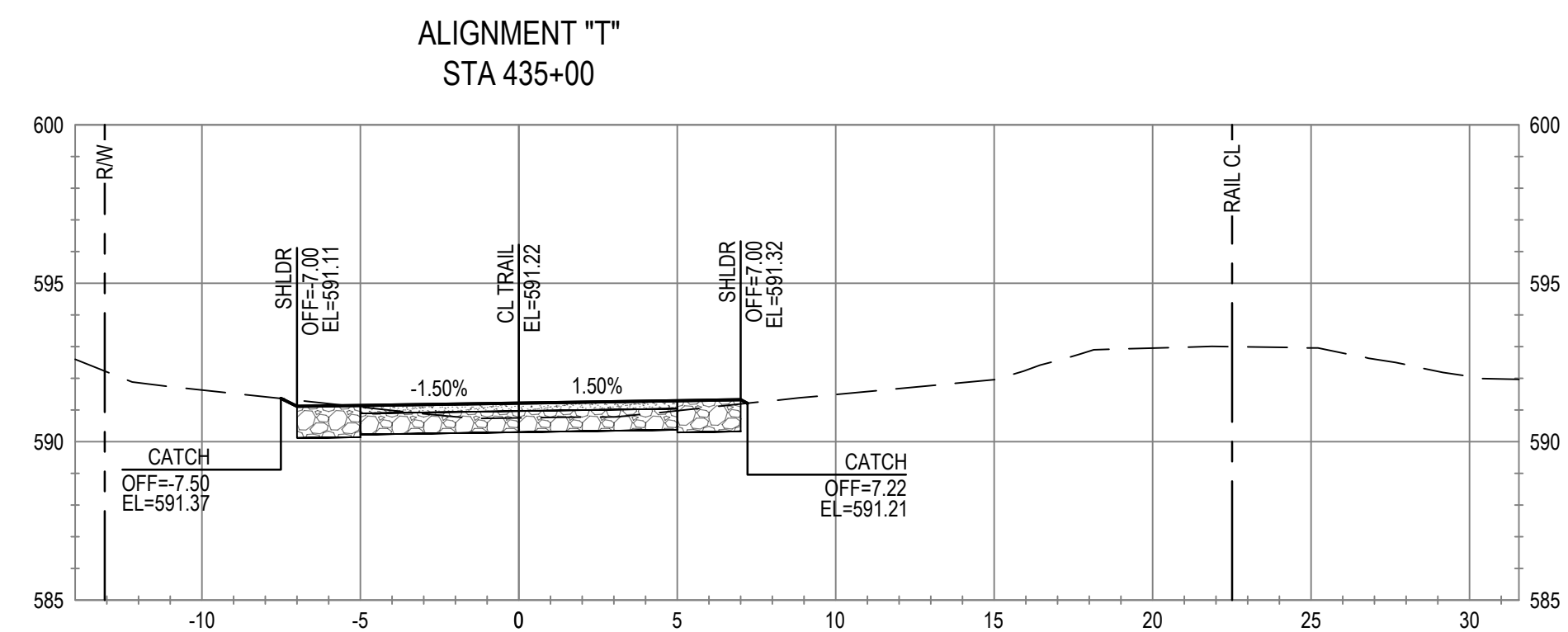
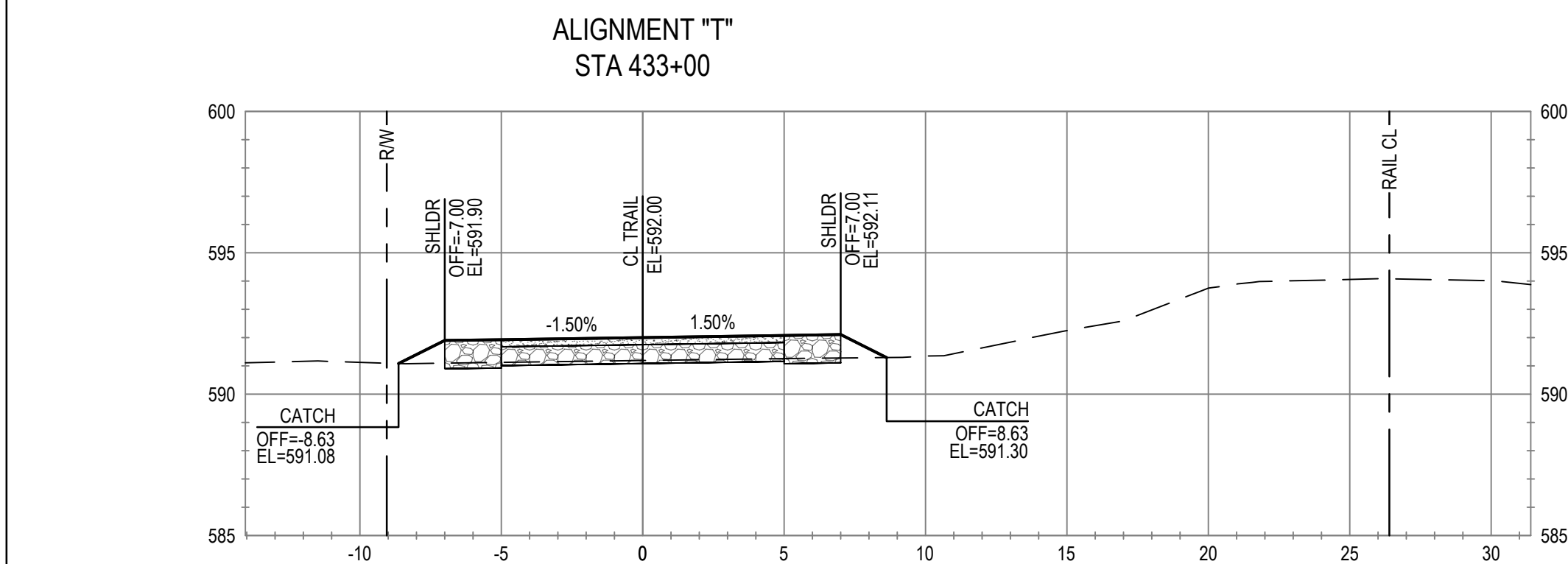
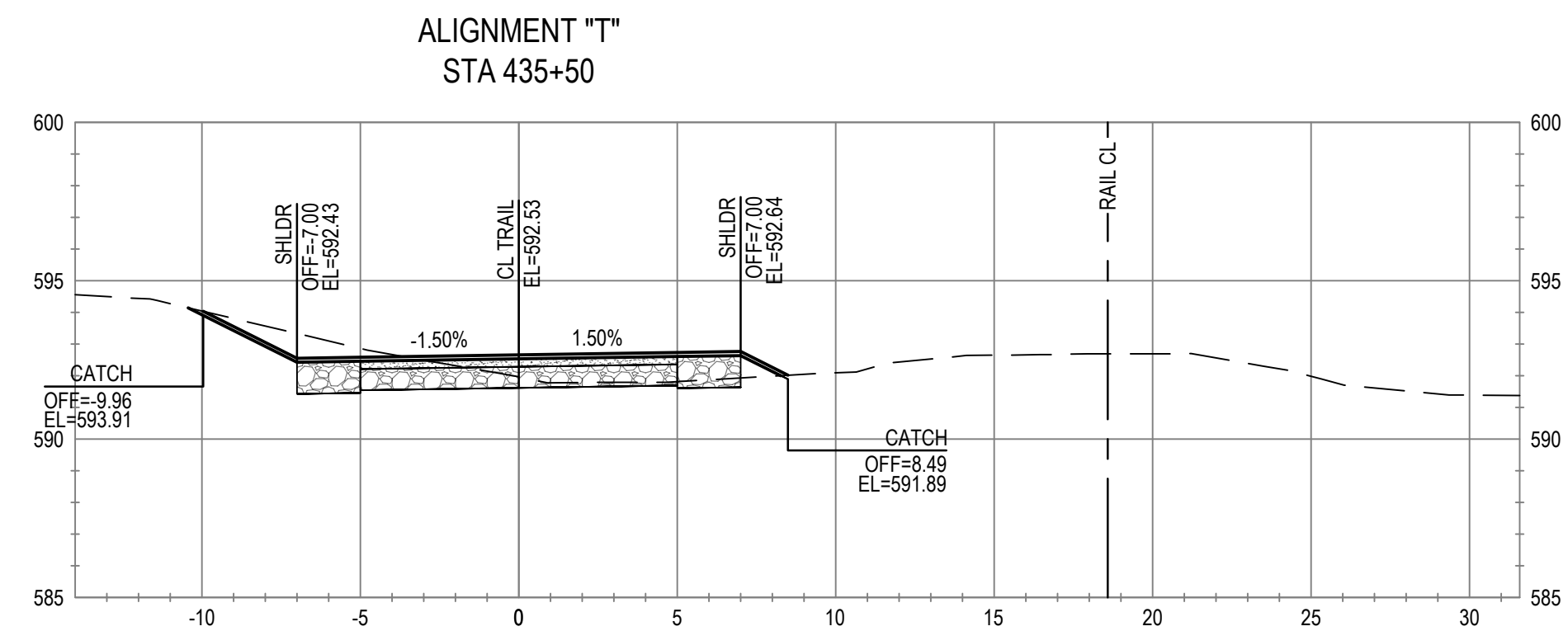
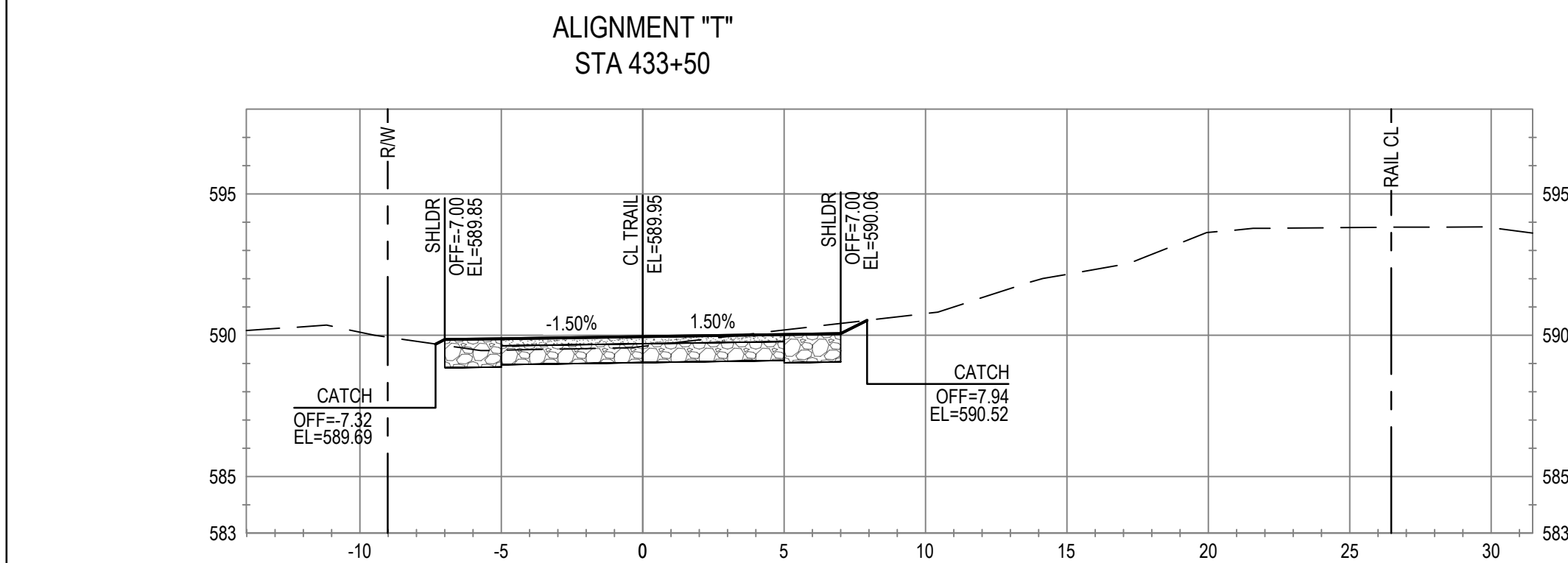
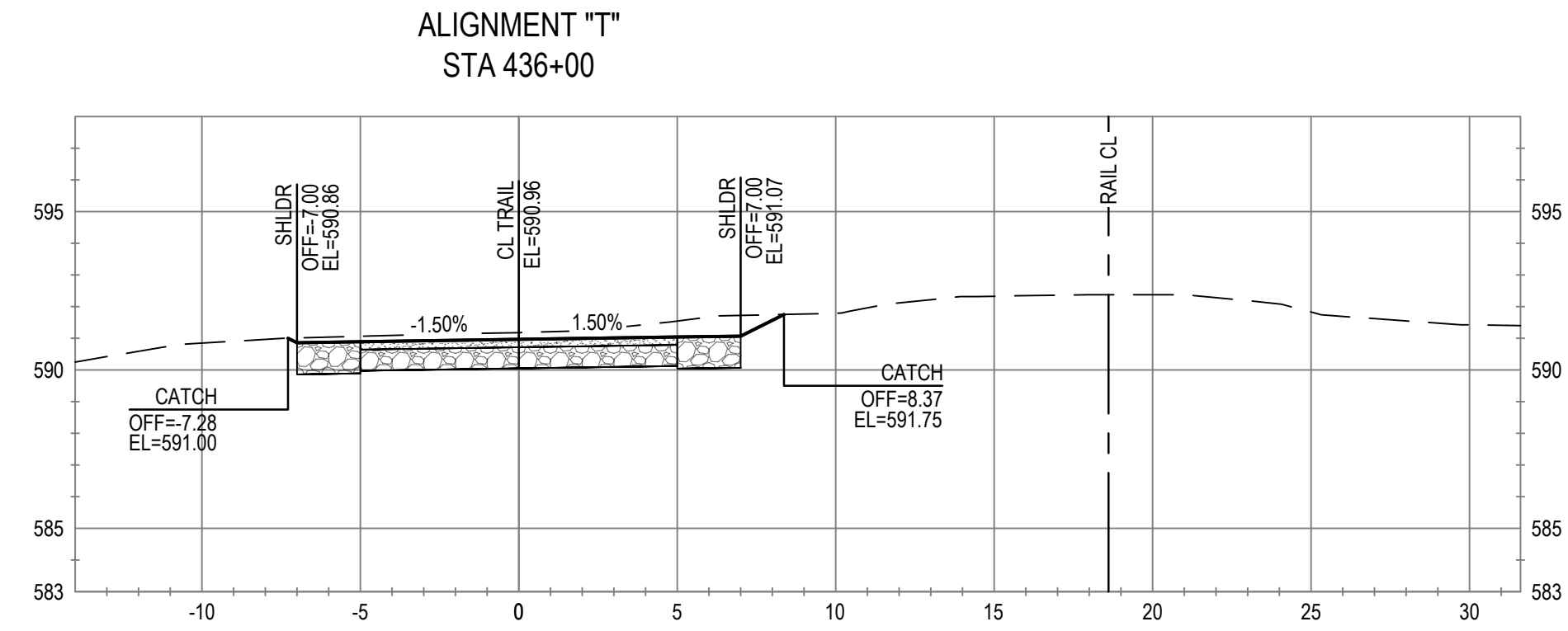
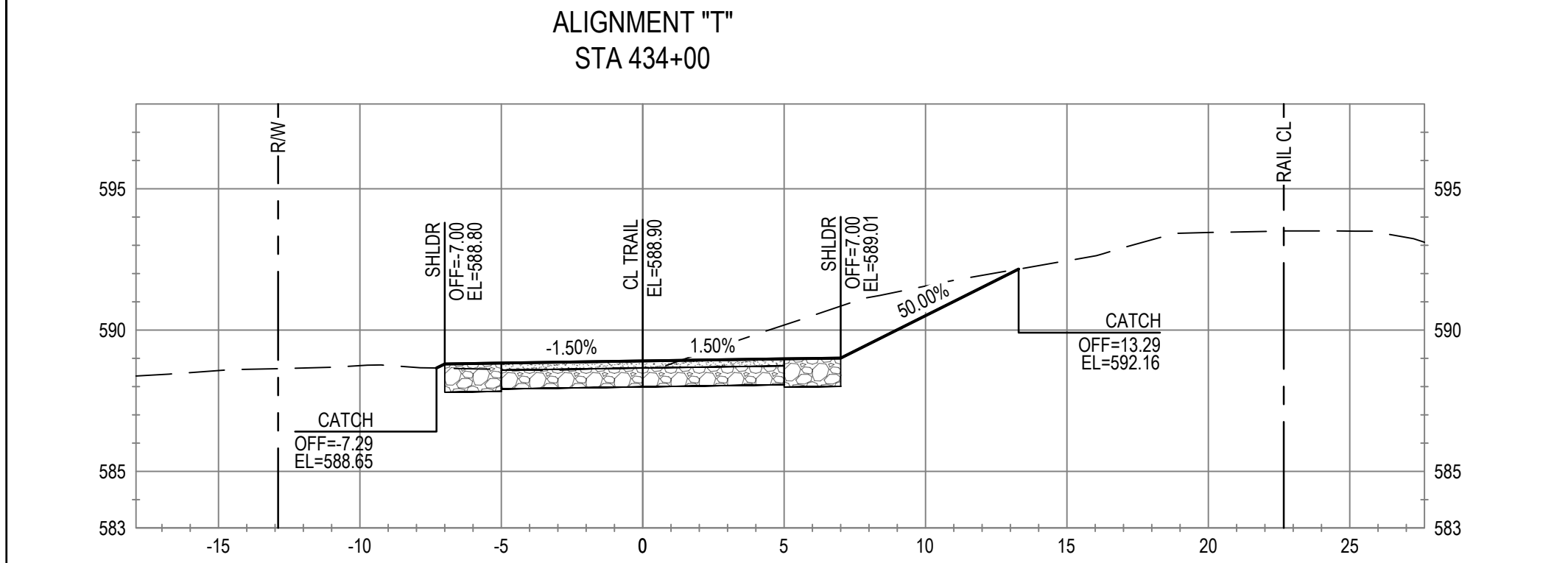
Project No.
12557341

Date
SEP 30, 2022

Scale
1" = 5'

Sheet No.
C-808

Sheet
84 of 96



No.	Issue	Checked	Approved	Date
Author	C. PHELPS	Drafting Check	E. FANSELAU	Project Manager
Designer	C. PHELPS	Design Check	E. FANSELAU	Project Director
			M. KENNEDY	

Bar is one inch on original size sheet
0 1"

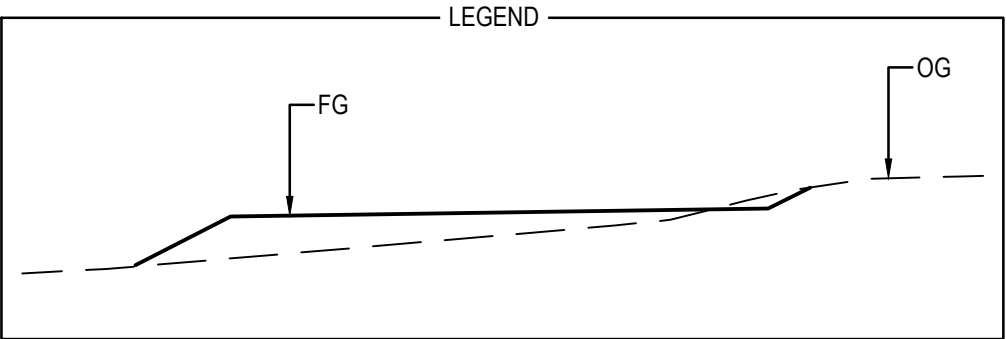
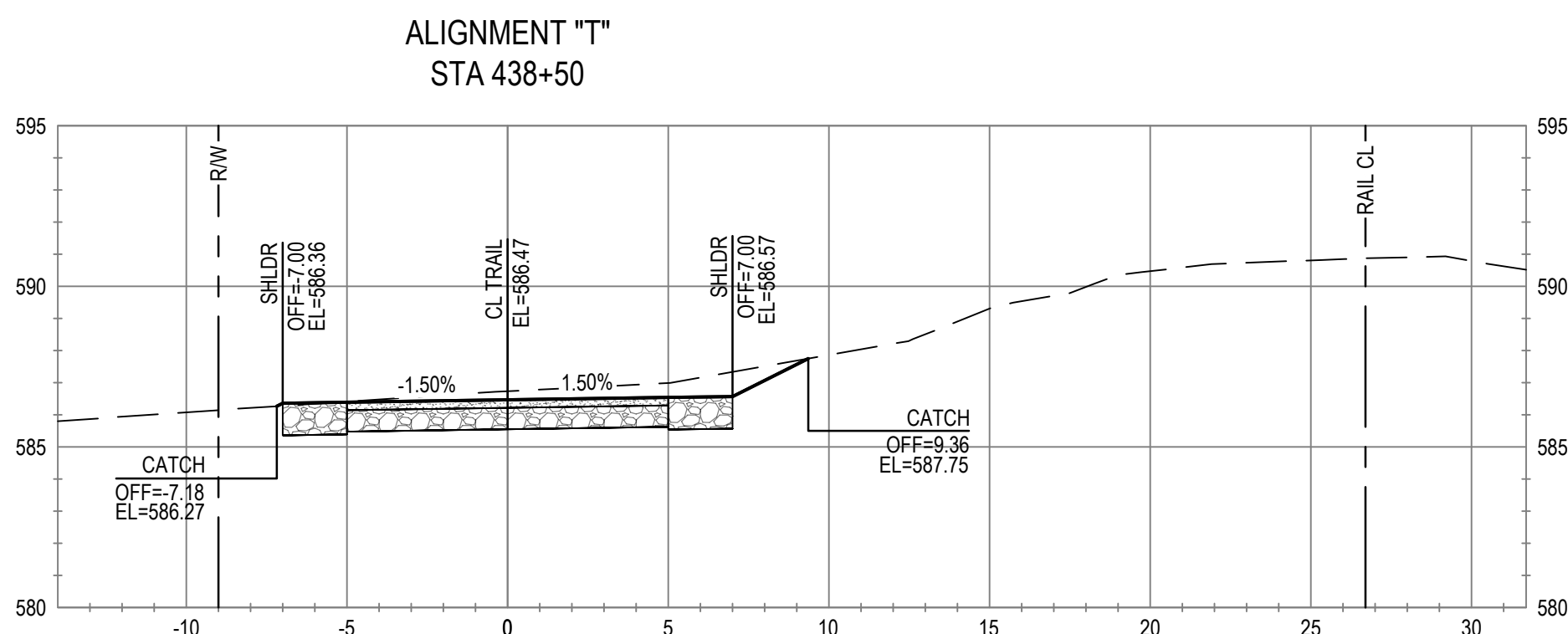
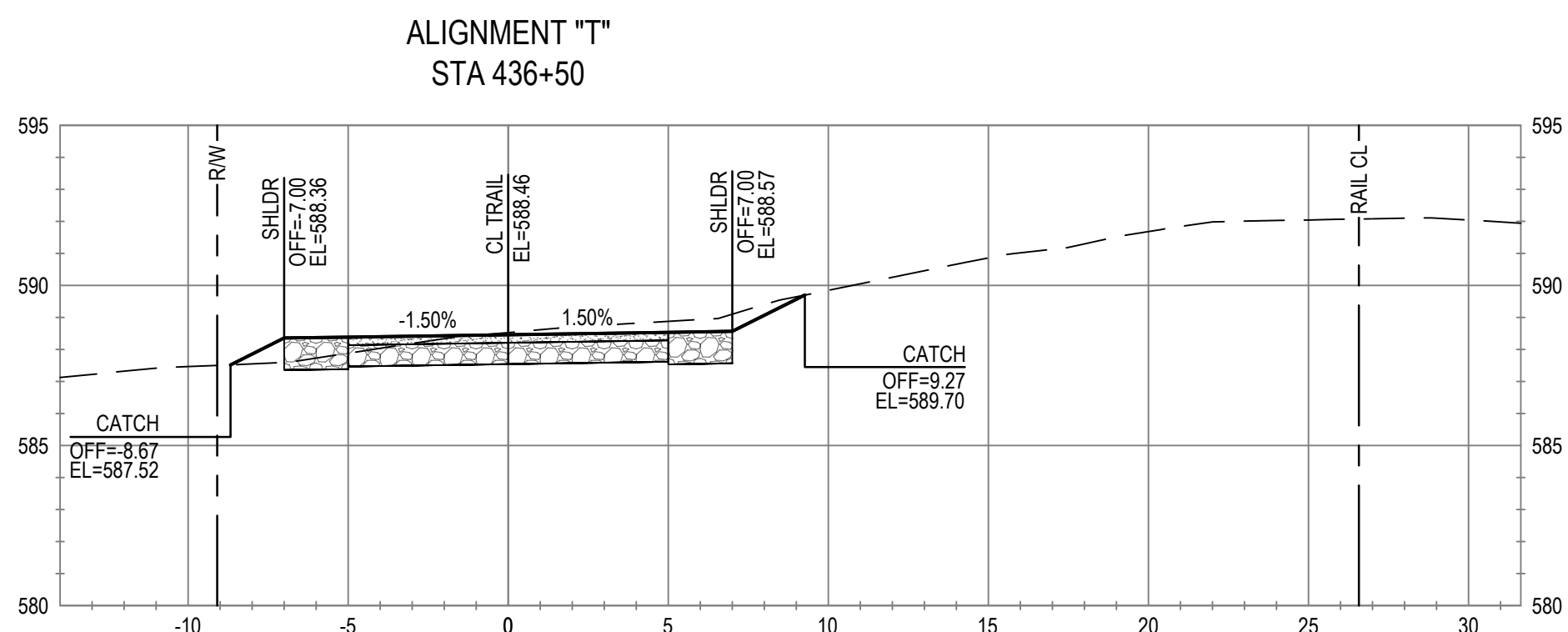
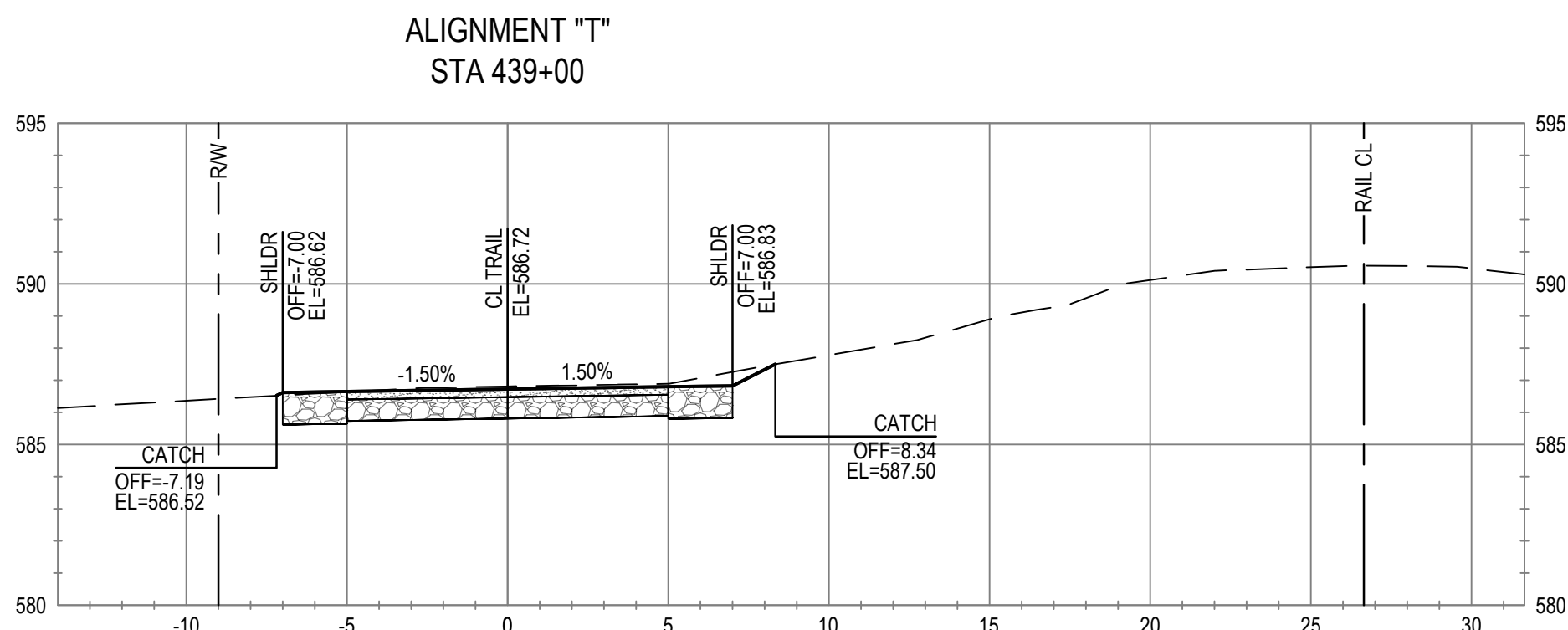
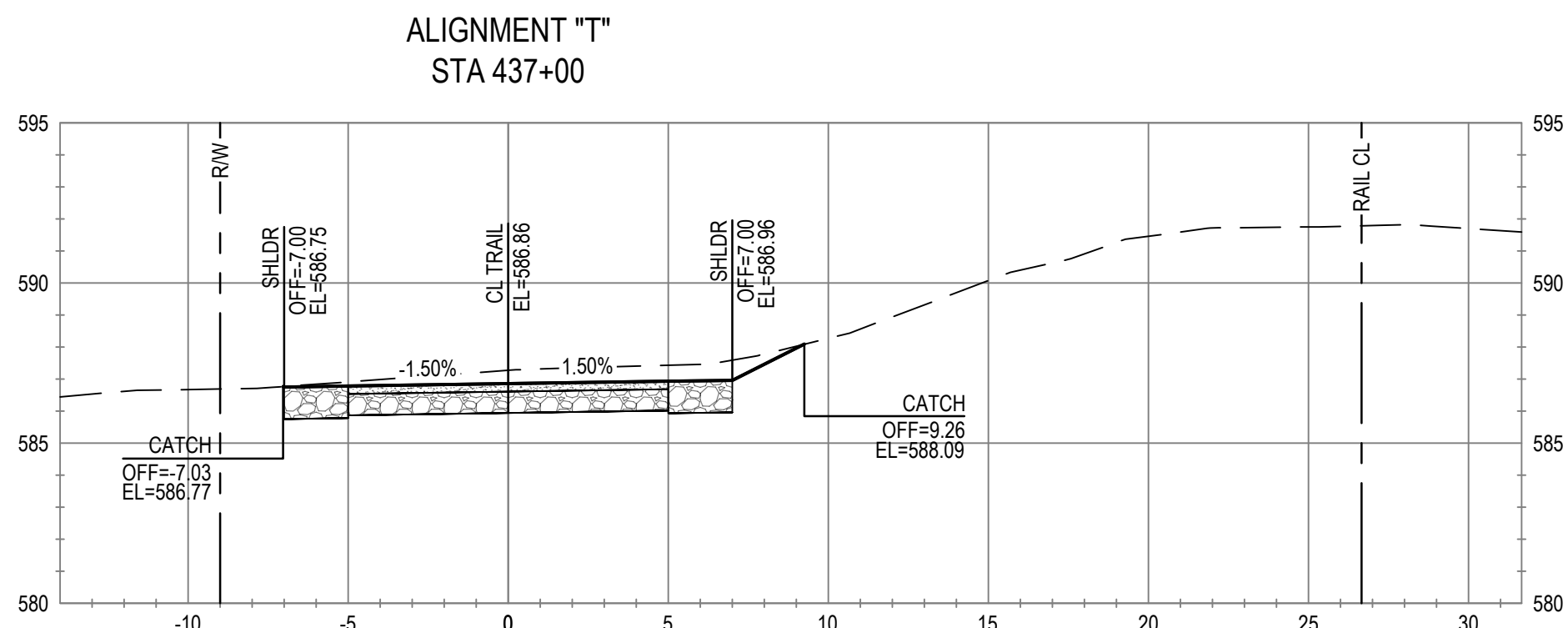
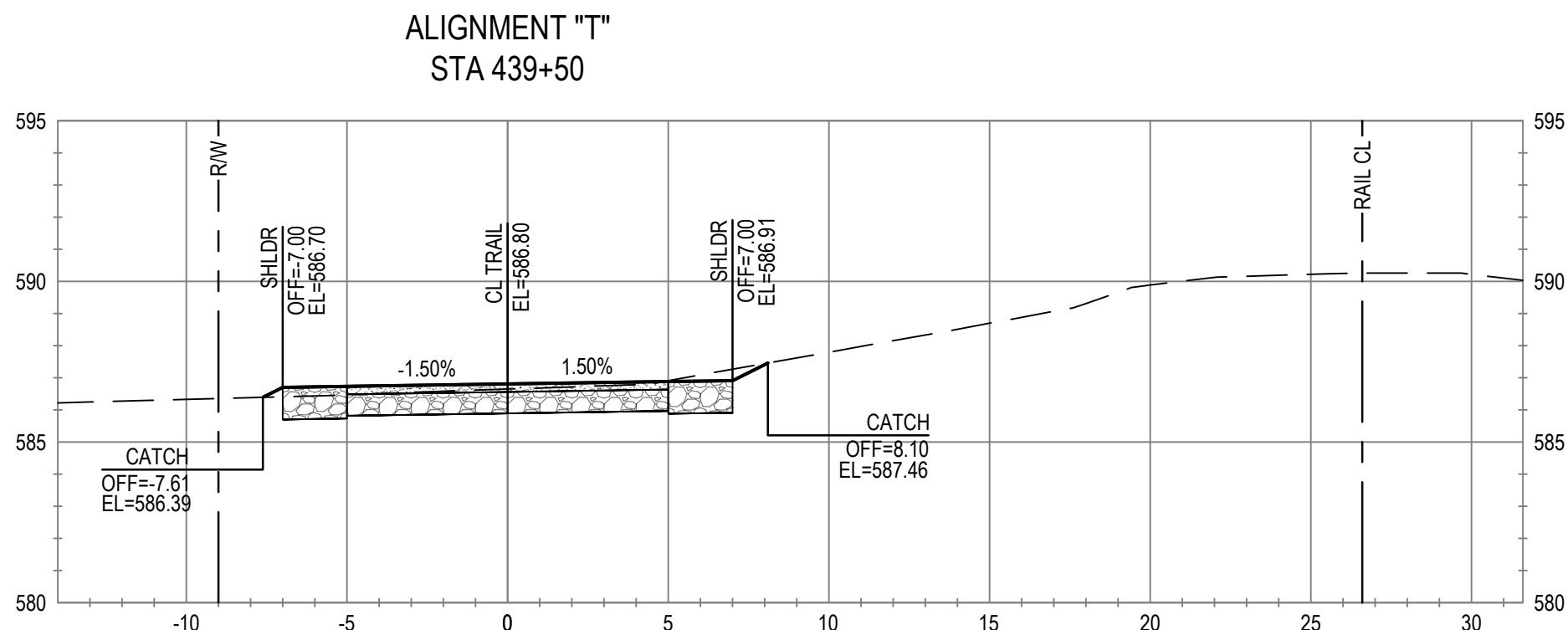
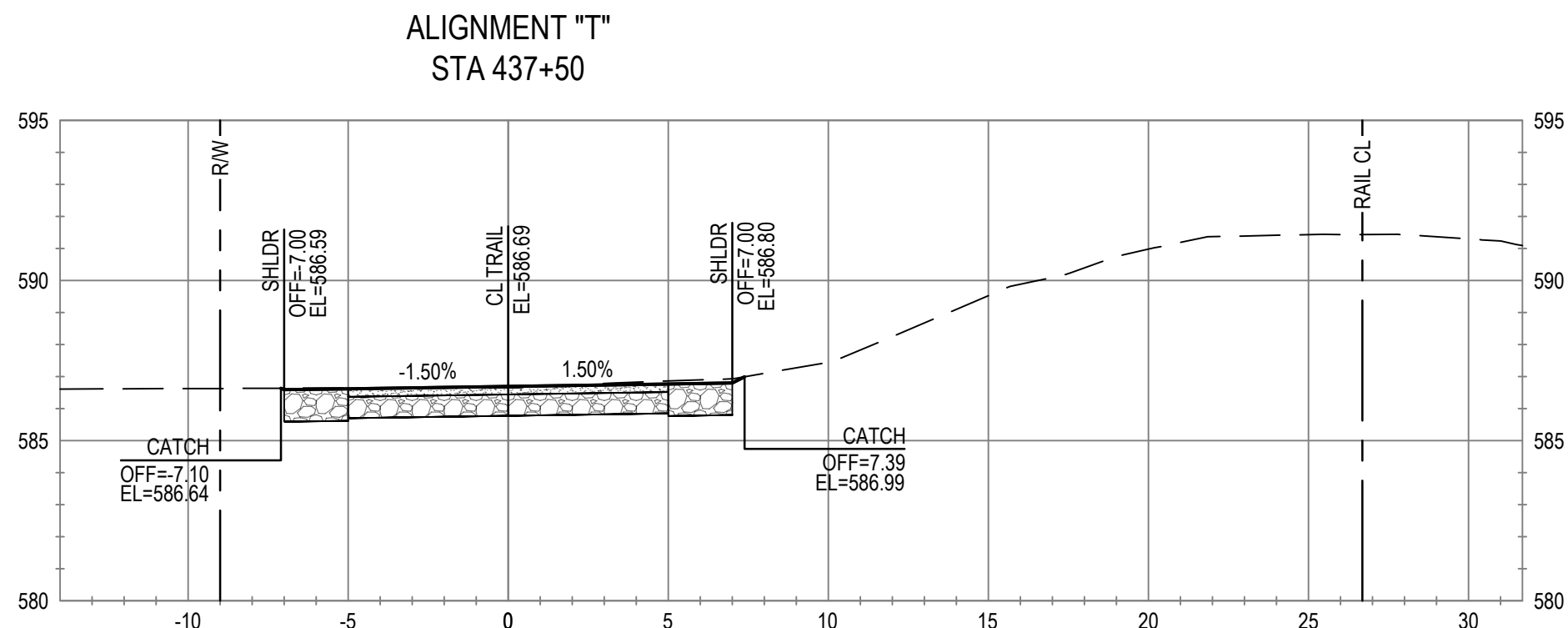
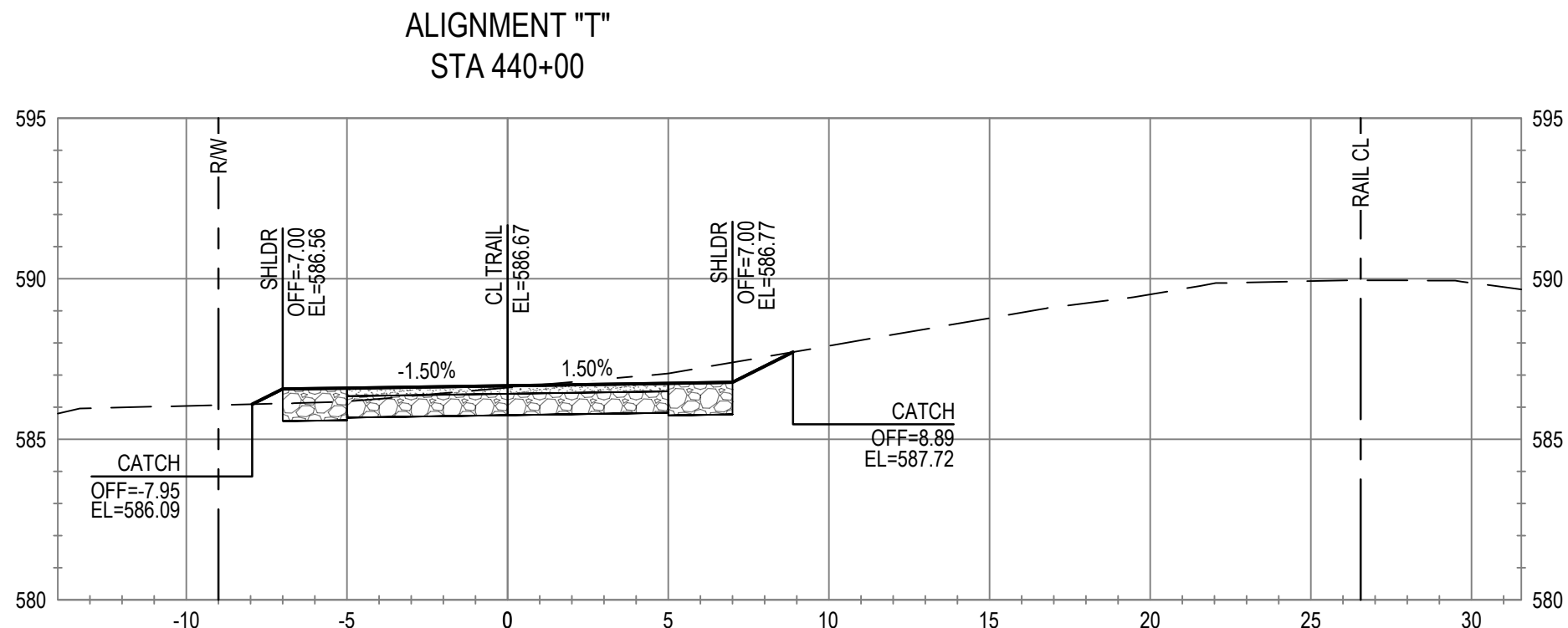
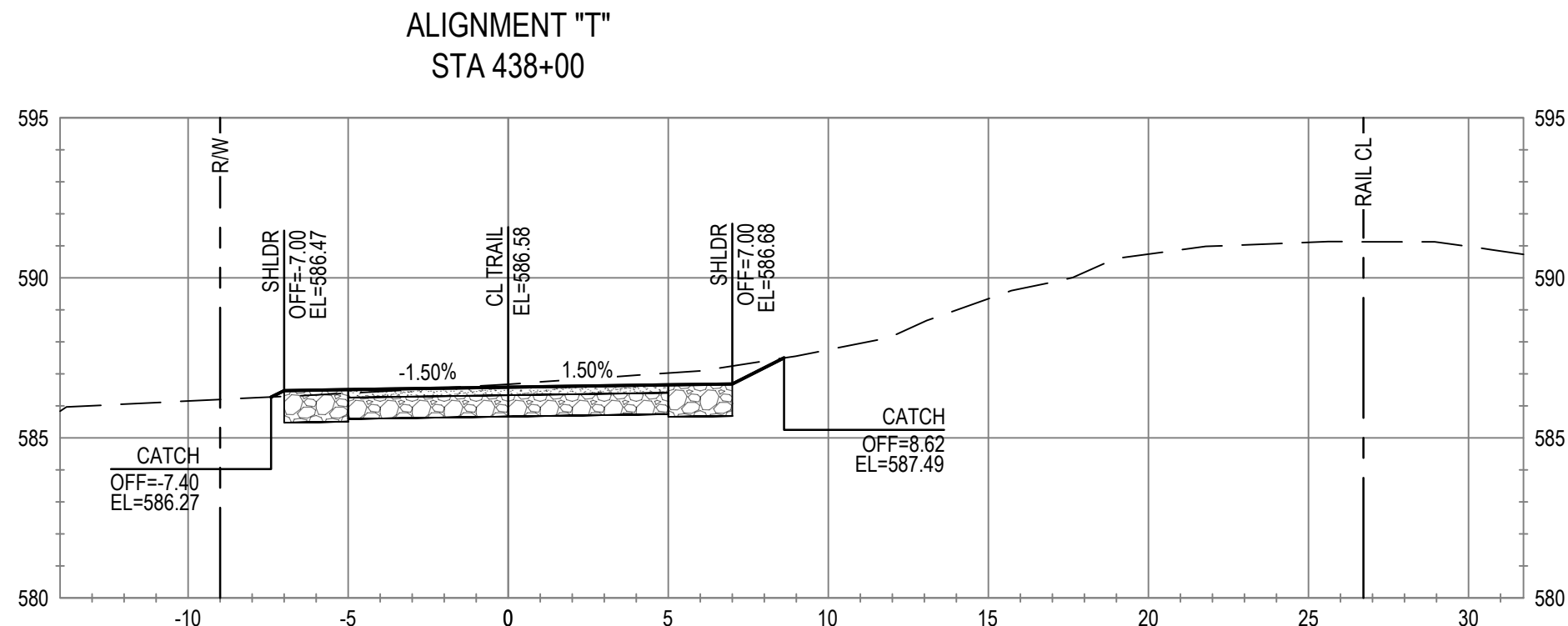
REGISTERED PROFESSIONAL ENGINEER
E. D. FANSELAU
No. C64814
CIVIL
STATE OF CALIFORNIA
12/21/2022

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Client **CITY OF UKIAH**
Project **THE GREAT REDWOOD TRAIL PHASE 4**
Project No. **12557341**
Date **SEP 30, 2022**
Scale **1" = 5'**

Title **CROSS SECTIONS
STA 432+50 TO STA 436+00**
Sheet No. **C-809**
Sheet **85 of 96**



No.	Issue	Checked	Approved	Date
Author	C. PHELPS	Drafting Check	E. FANSELAU	Project Manager
Designer	C. PHELPS	Design Check	E. FANSELAU	Project Director
			M. KENNEDY	

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0 1"



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Project THE GREAT REDWOOD TRAIL PHASE 4

Project No.
12557341

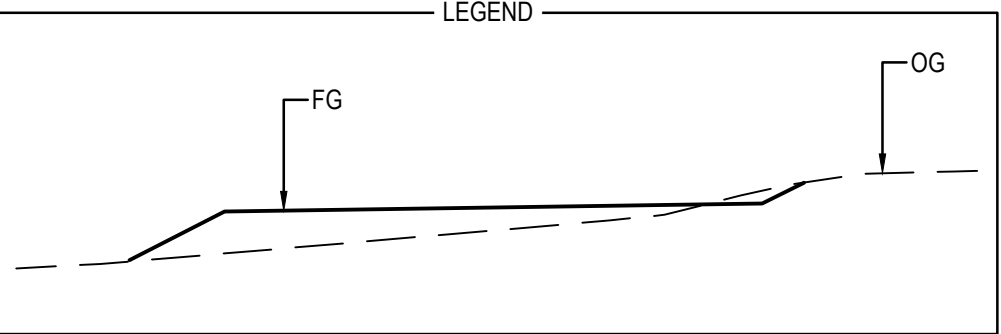
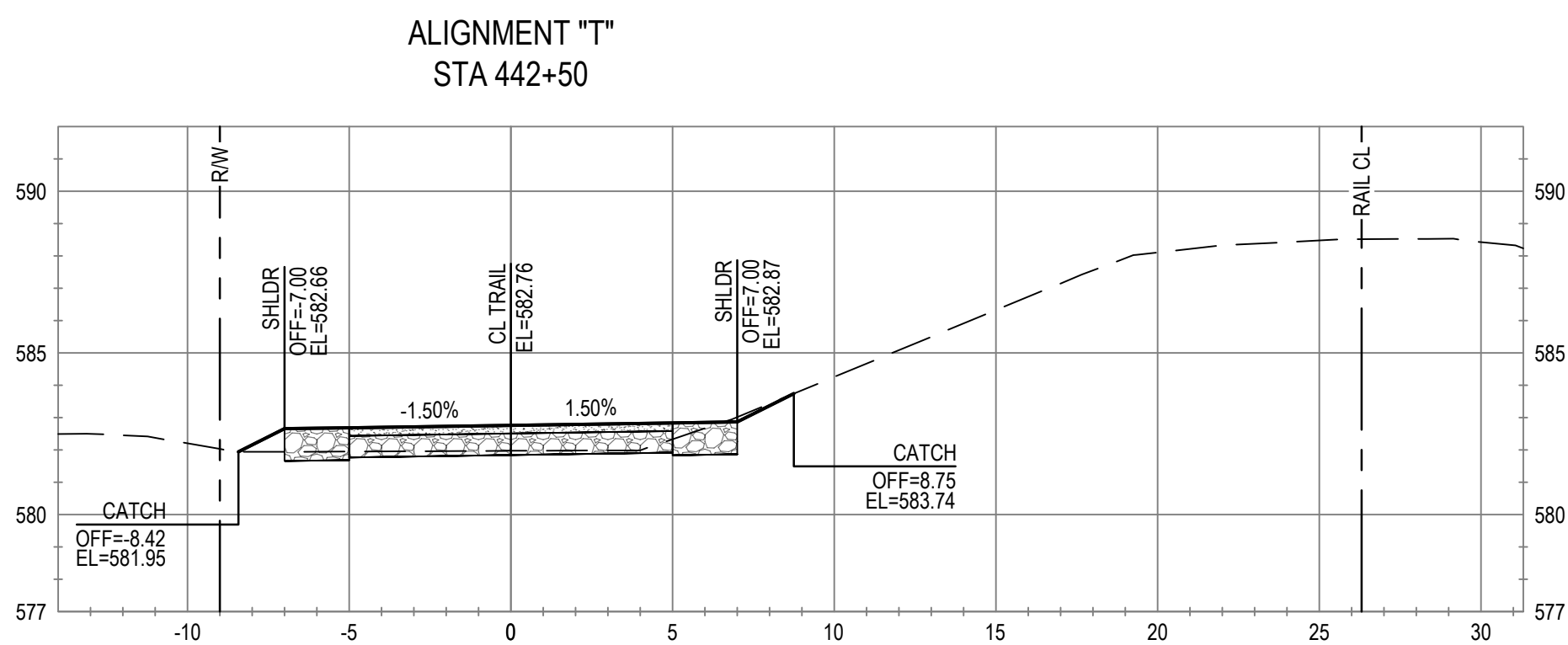
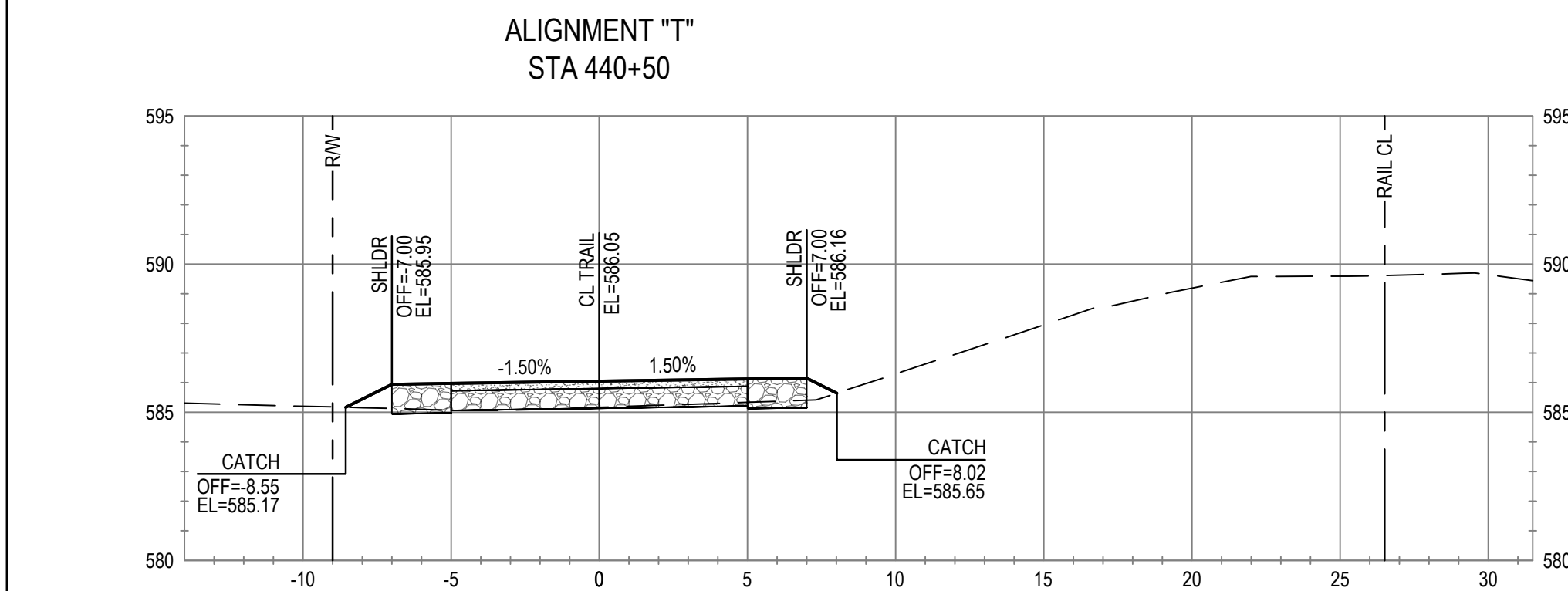
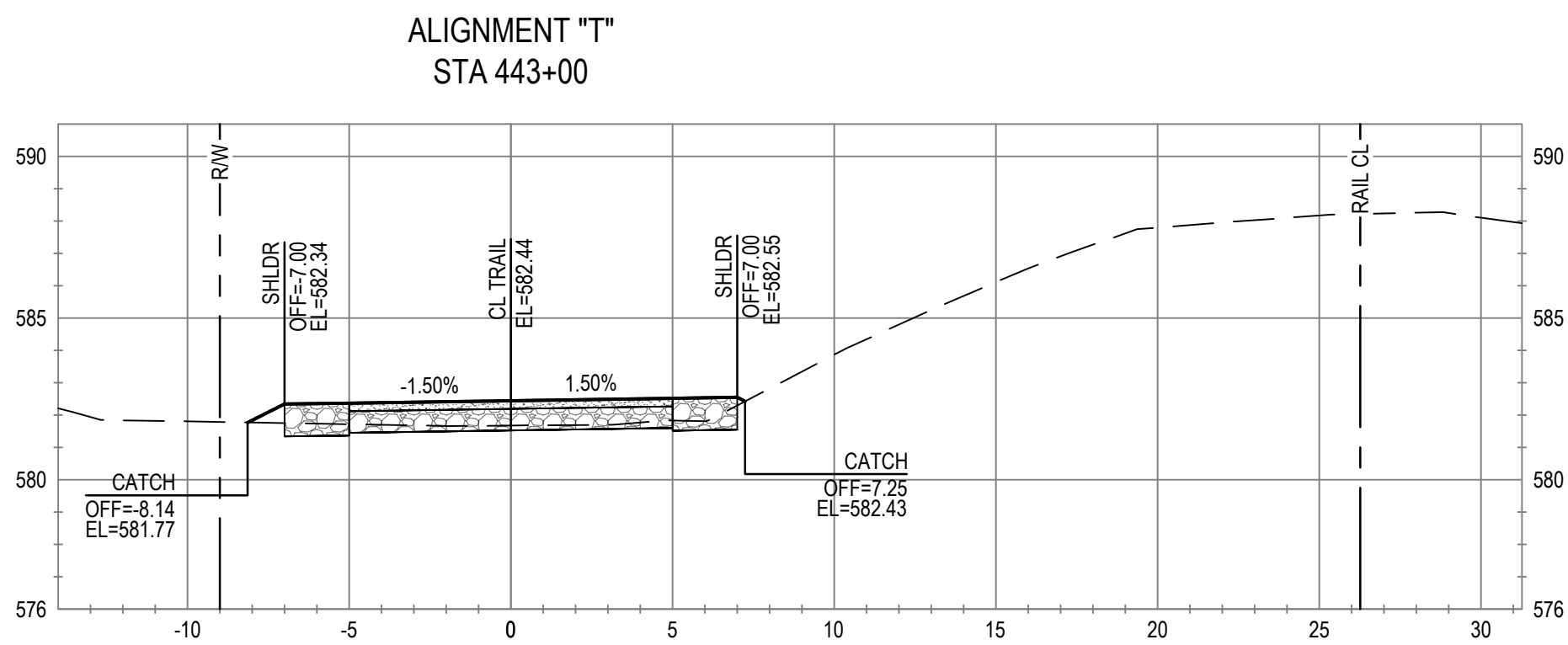
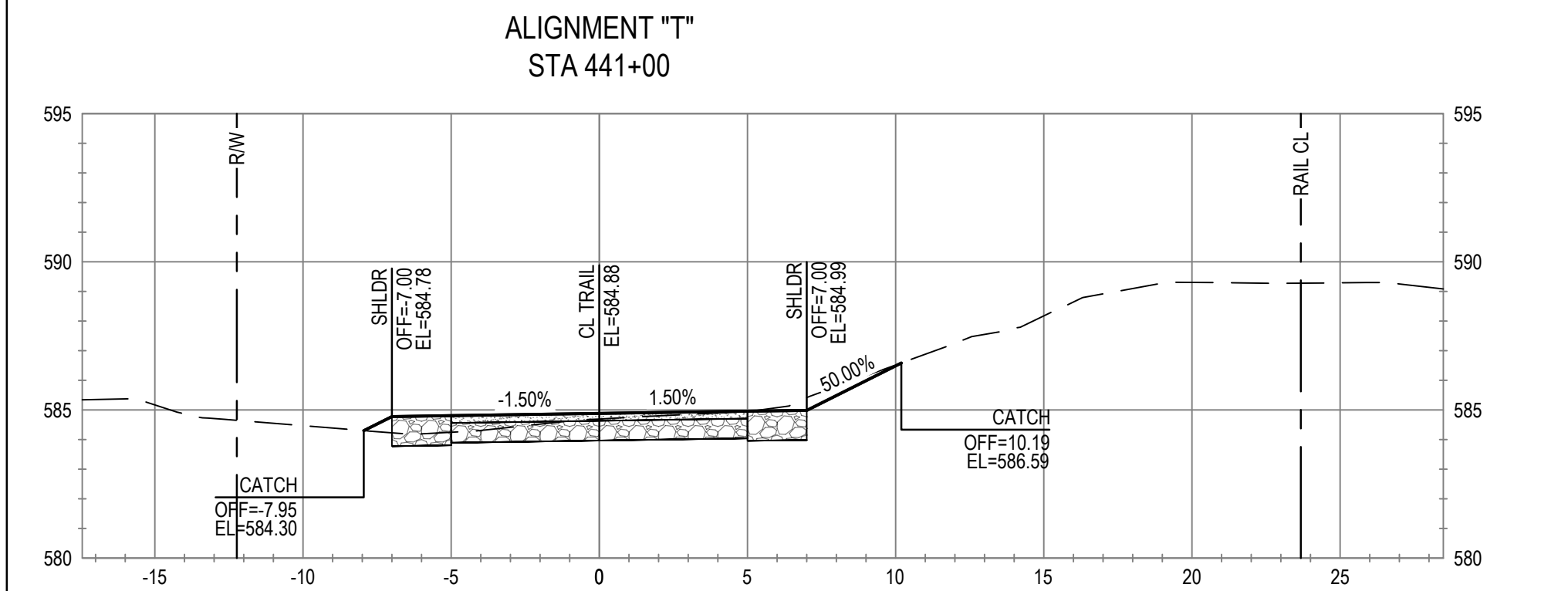
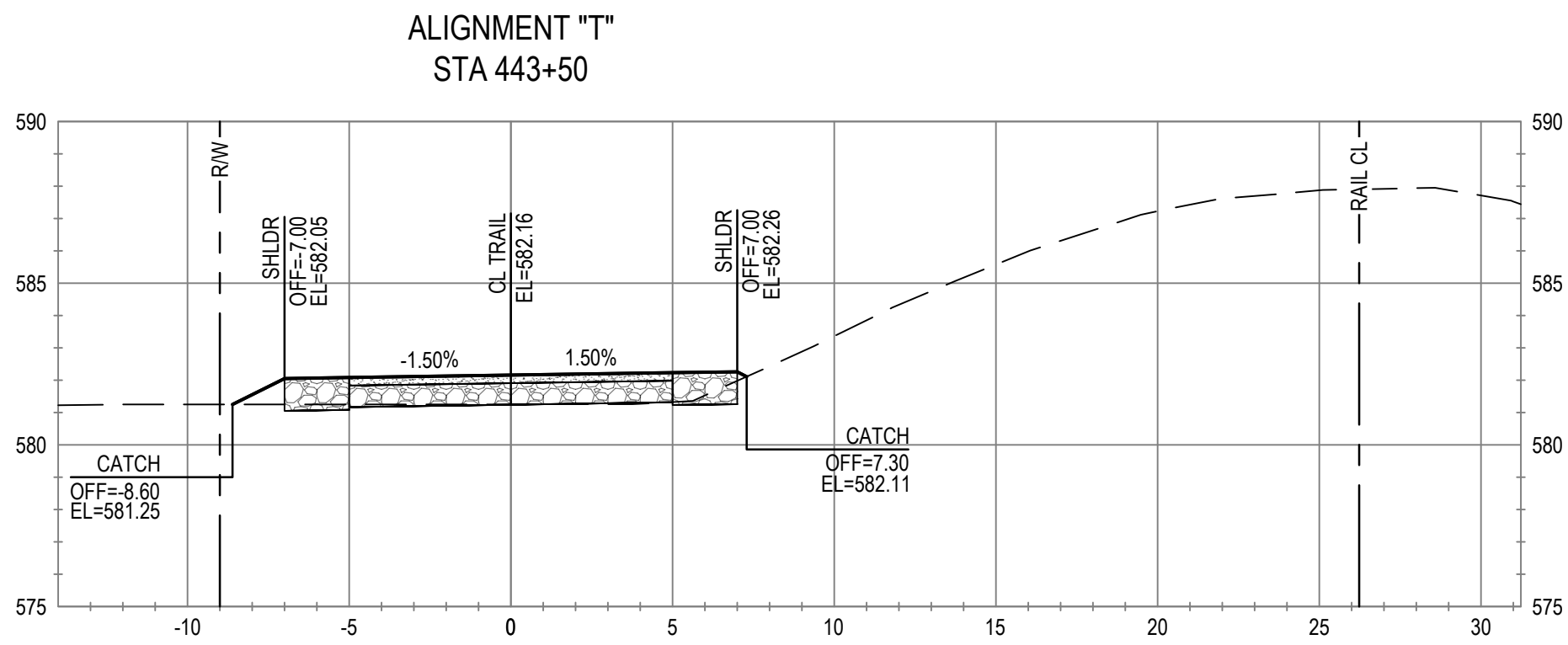
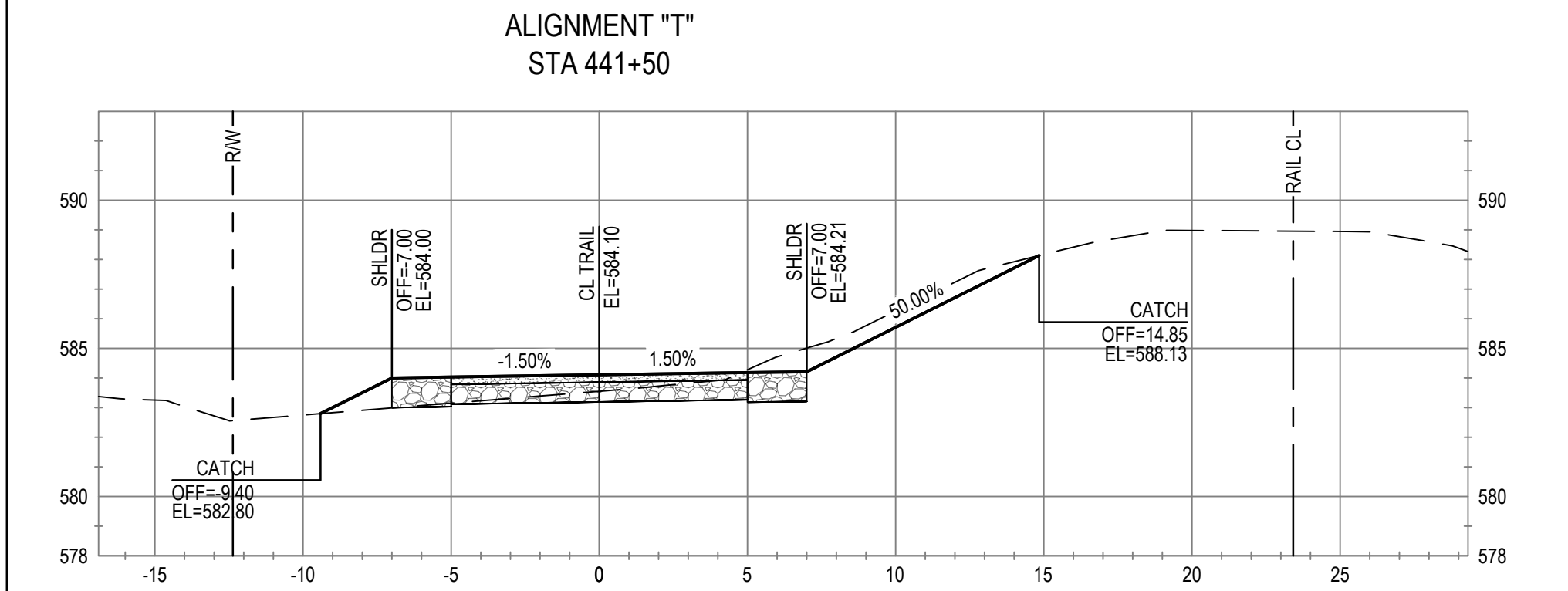
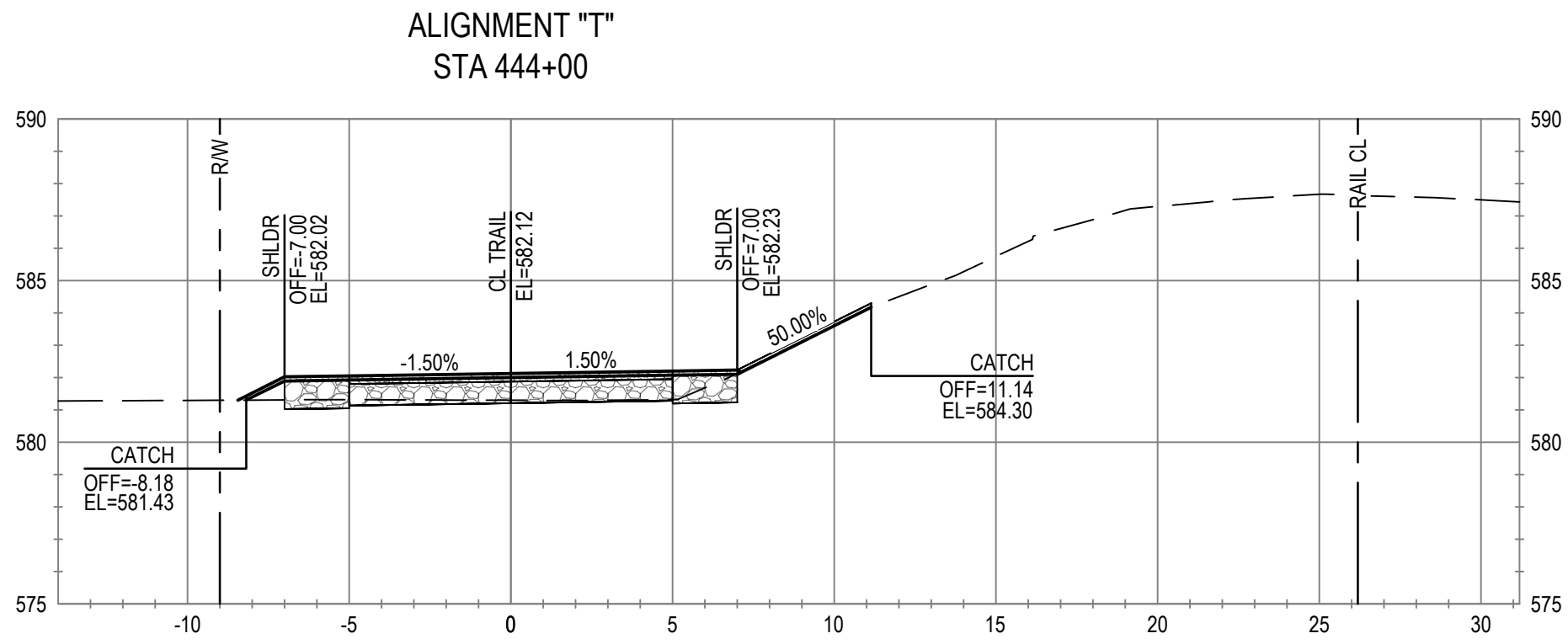
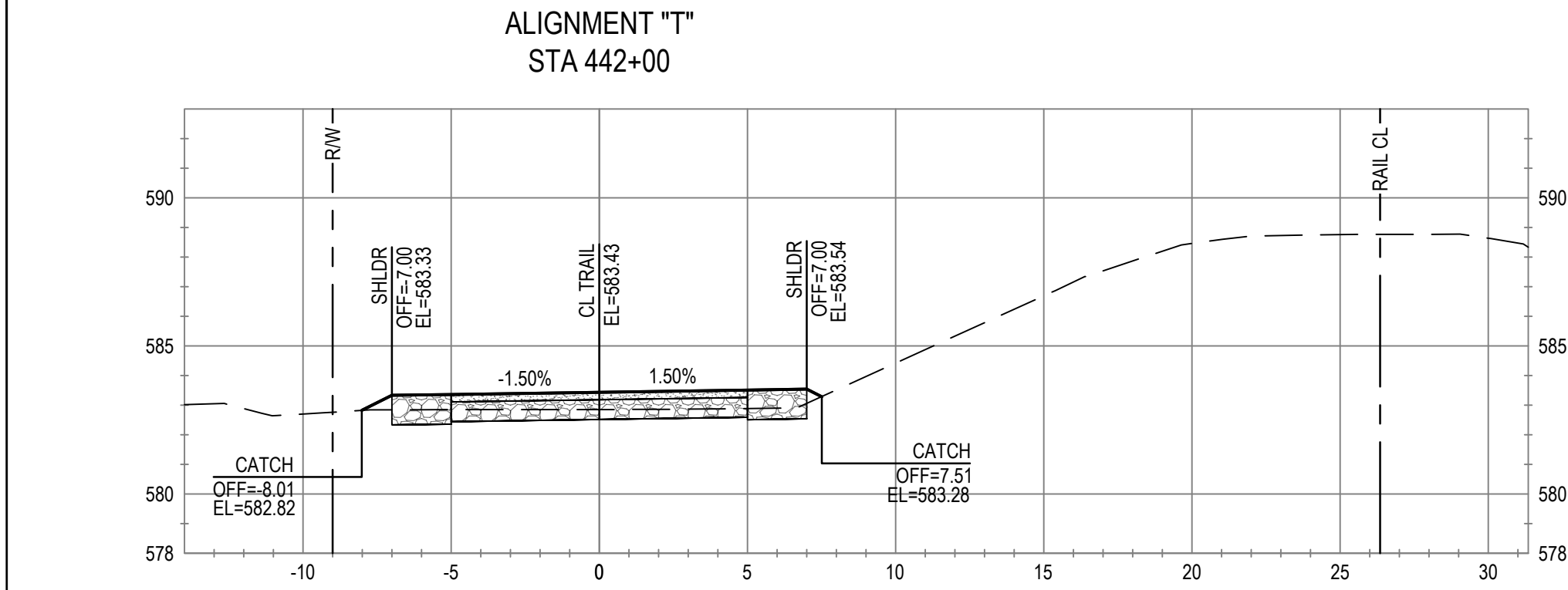
Date
SEP 30, 2022

Scale
1" = 5'

Title CROSS SECTIONS
STA 436+50 TO STA 440+00

Size
ANSI D

Sheet No.
C-810
86 of 96



No.	Issue	Checked	Approved	Date
Author	C. PHELPS	Drafting Check	E. FANSELAU	
Designer	C. PHELPS	Design Check	E. FANSELAU	
		Project Manager	E. FANSELAU	
		Project Director	M. KENNEDY	

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Project THE GREAT REDWOOD TRAIL PHASE 4

Project No. 12557341

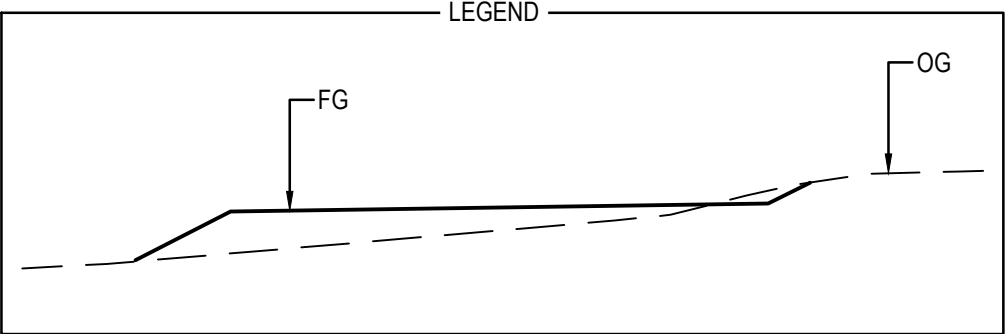
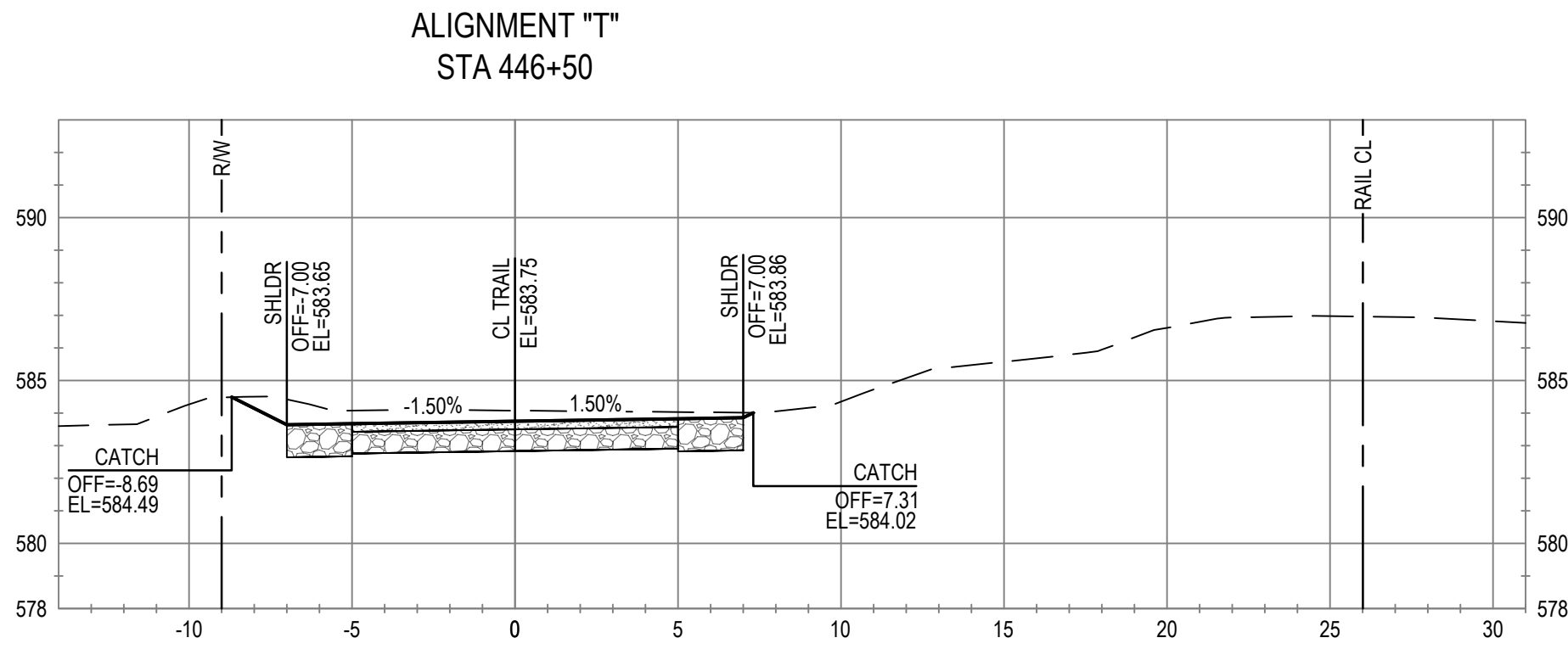
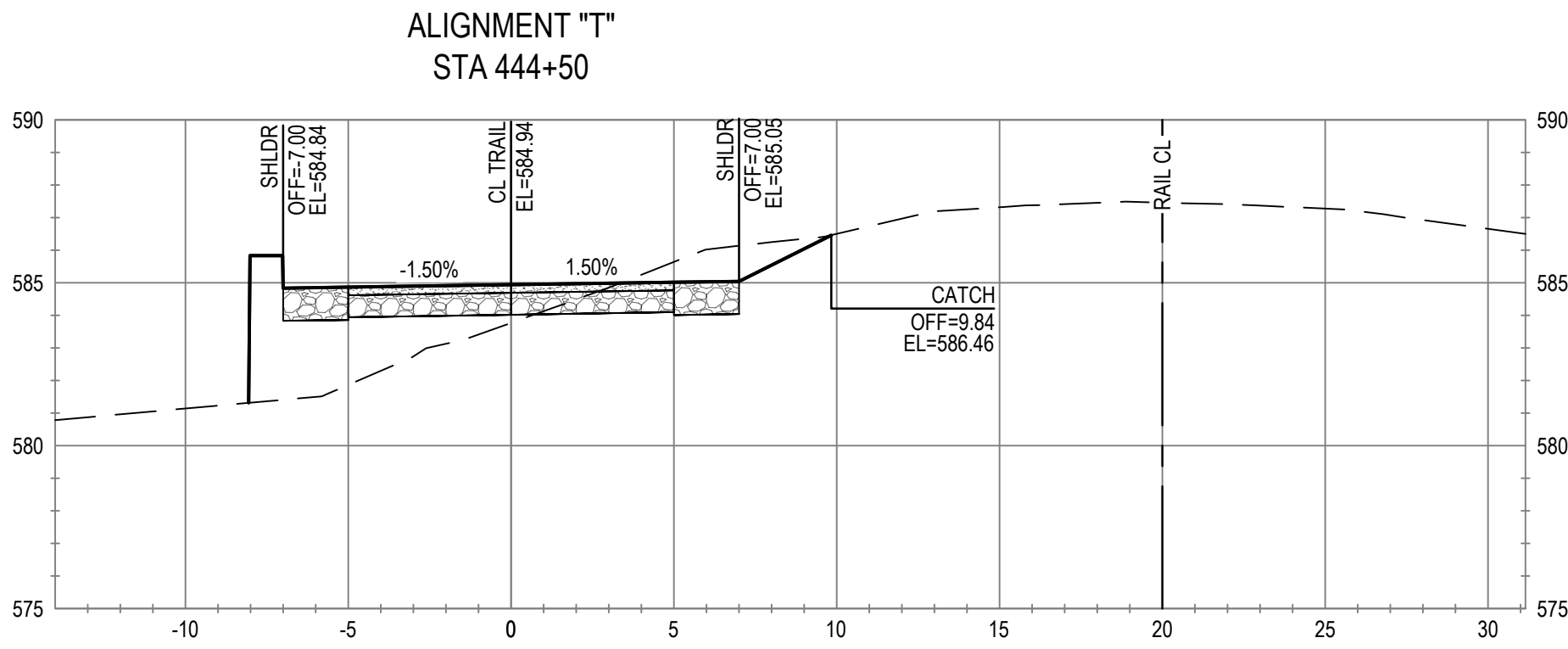
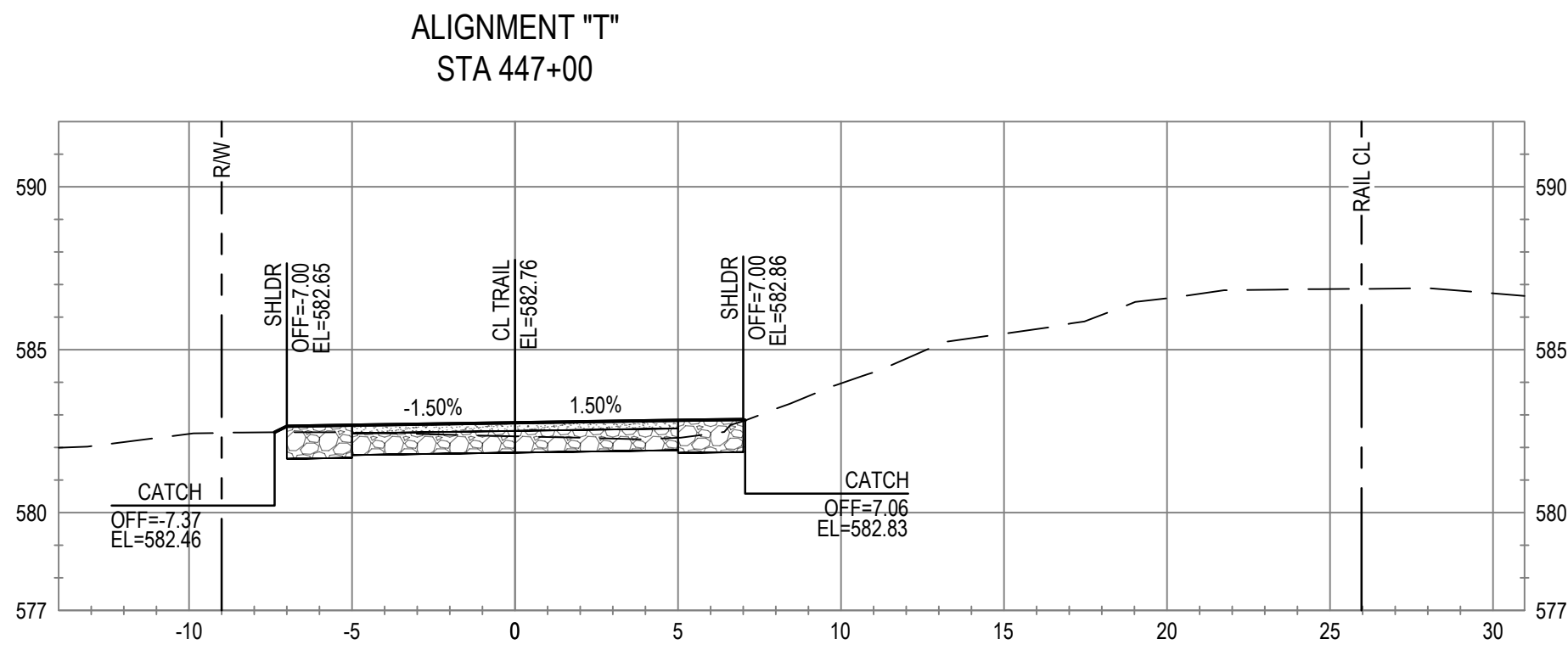
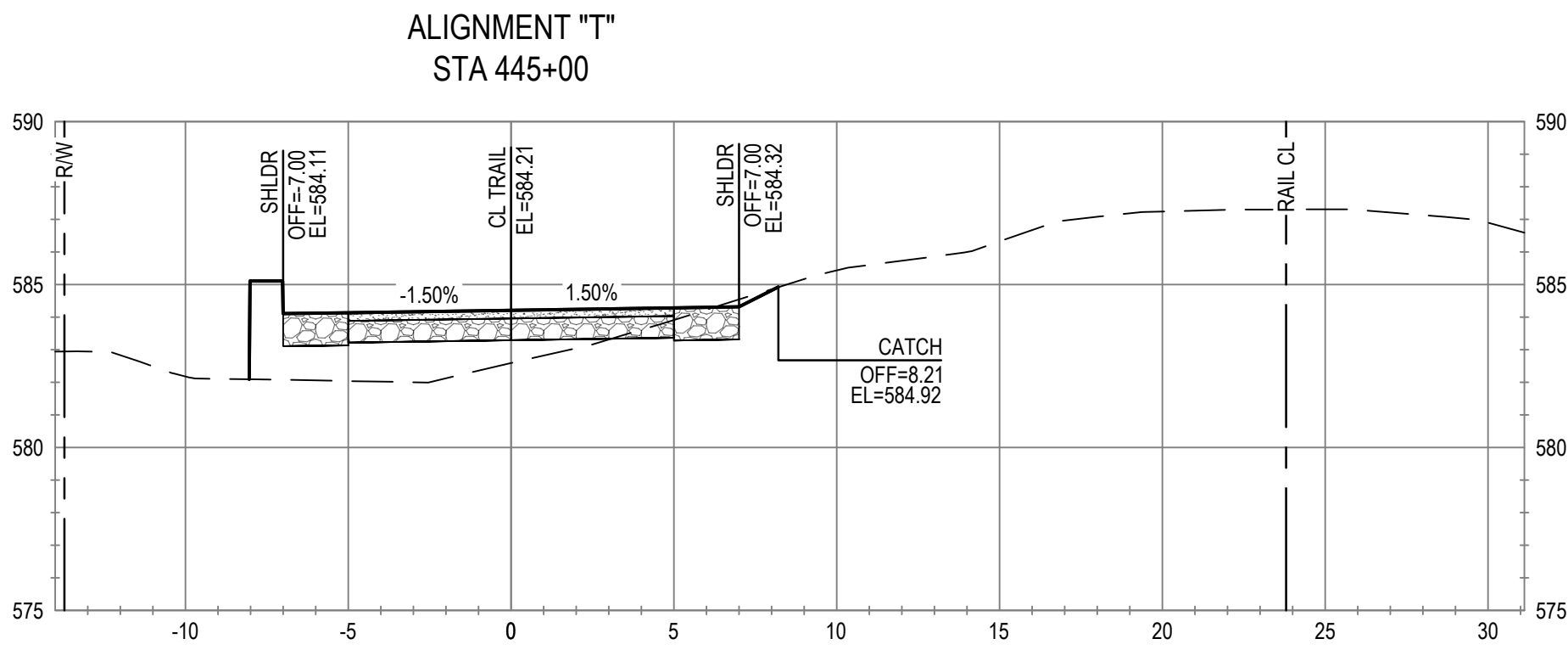
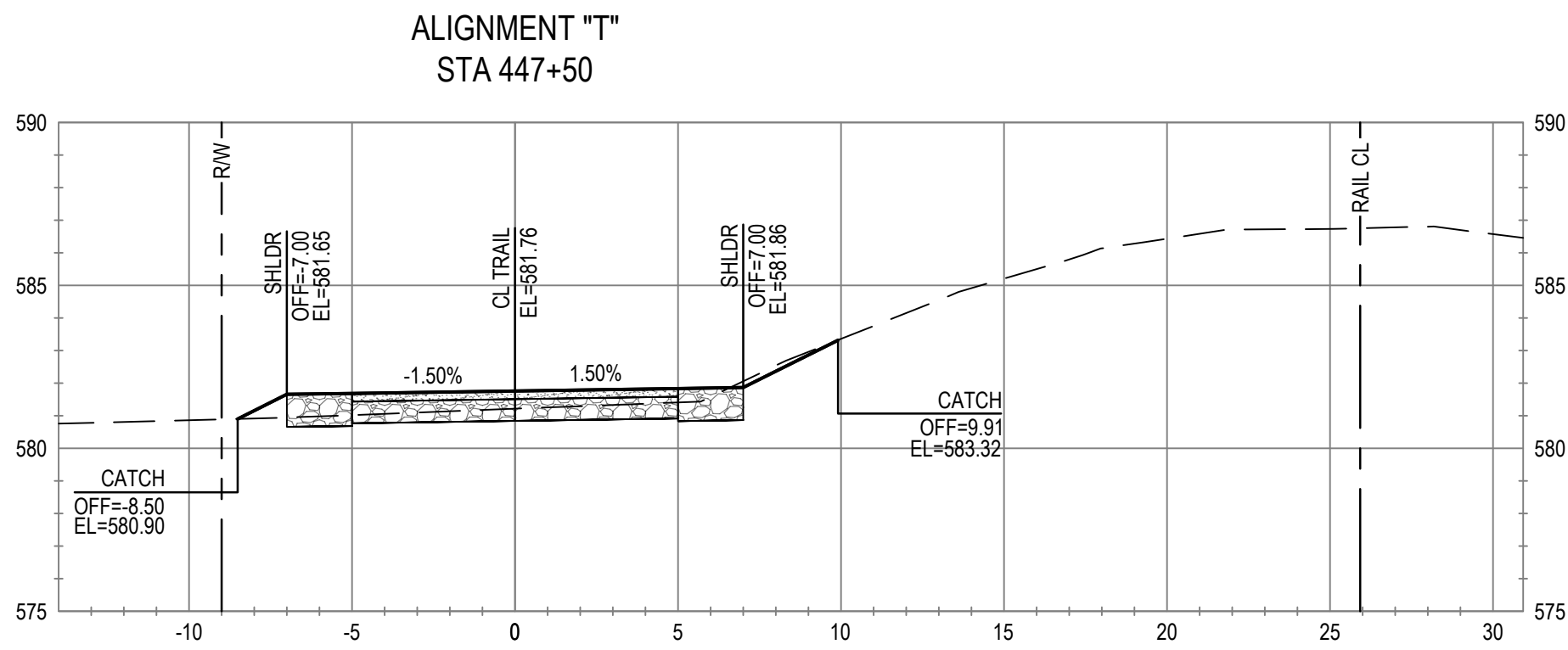
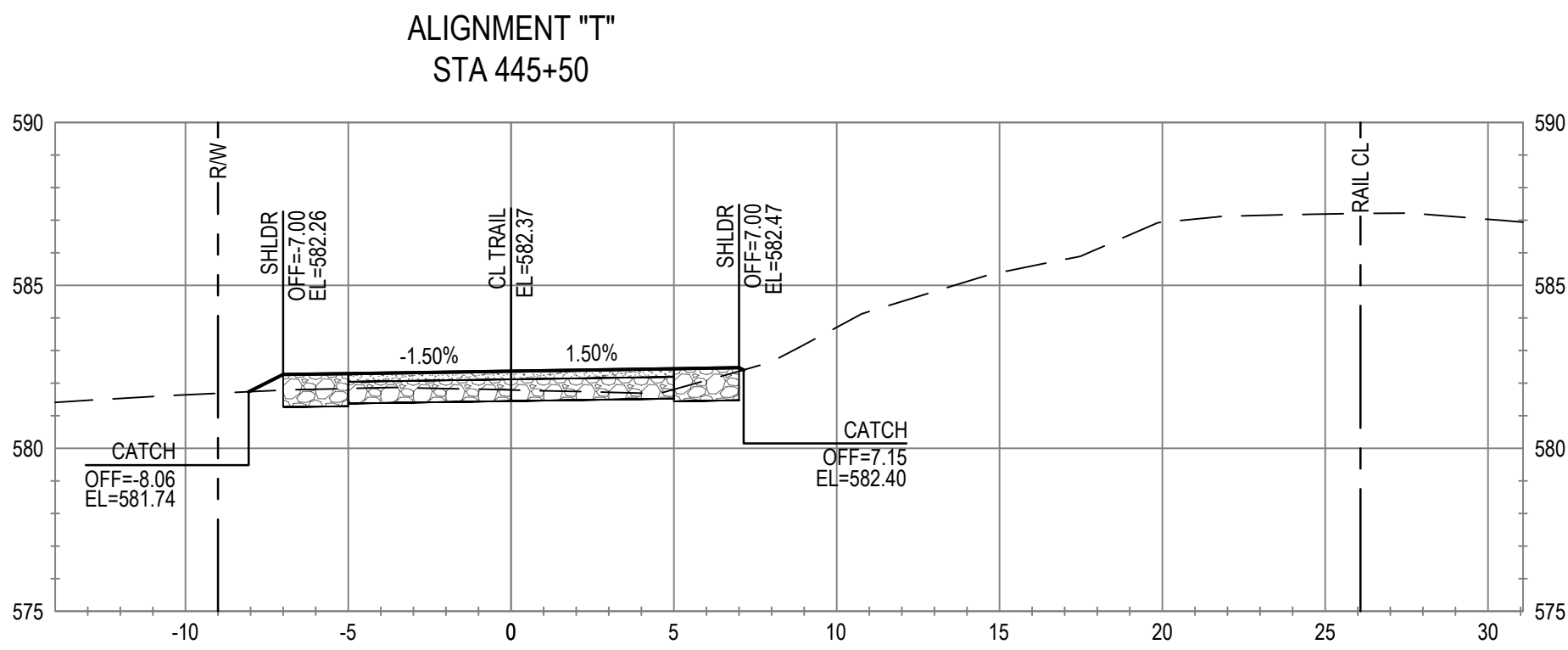
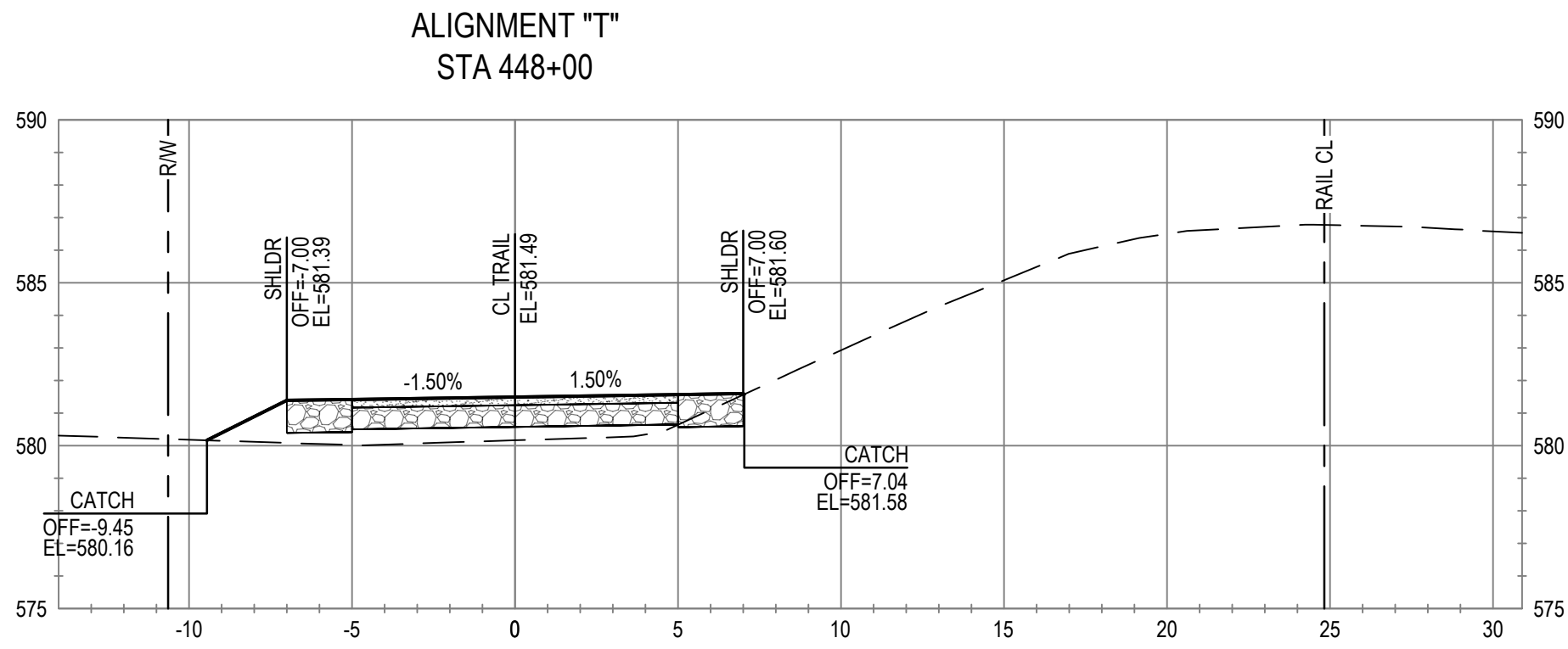
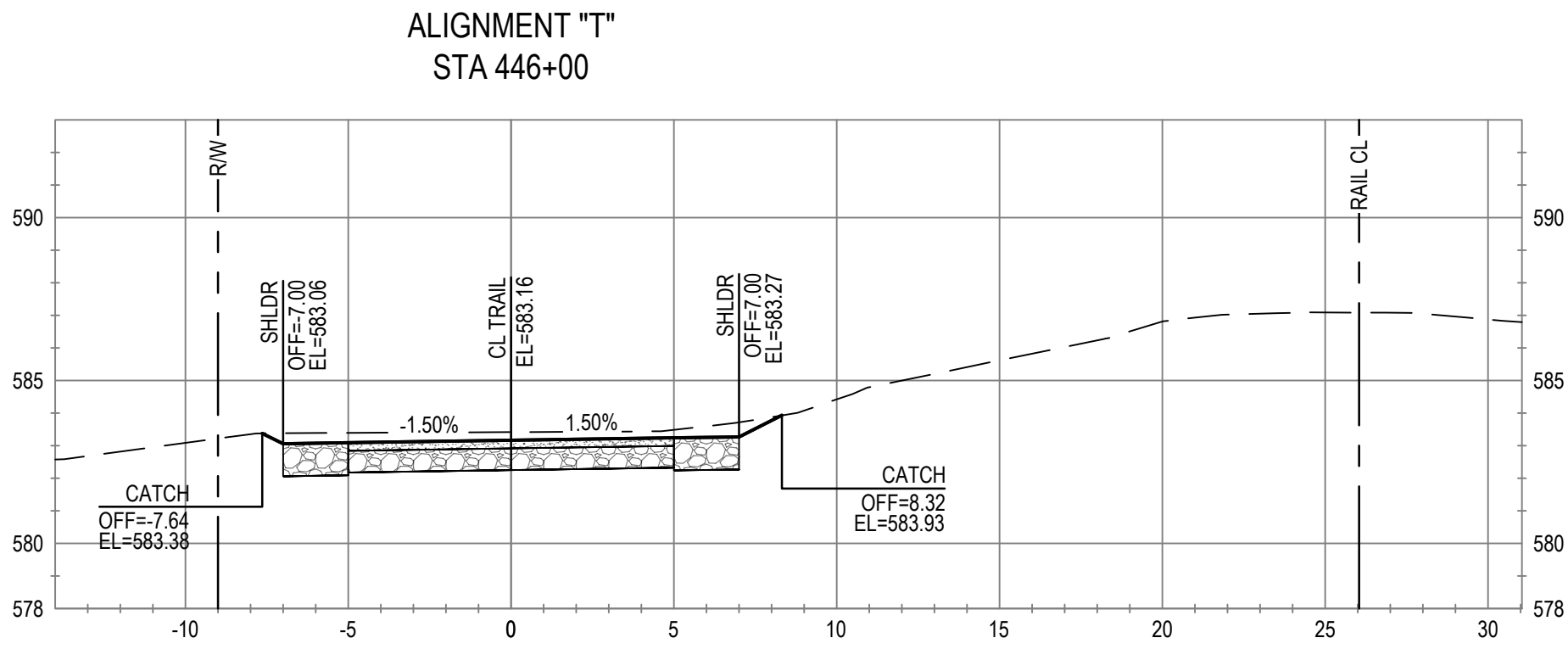
Date SEP 30, 2022

Scale 1" = 5'

Title CROSS SECTIONS
STA 440+50 TO STA 444+00

Size ANSI D

Sheet No. C-811
87 of 96



No.	Issue	Checked		Approved	Date
Author	C. PHELPS	Drafting Check	E. FANSELAU	Project Manager	E. FANSELAU
Designer	C. PHELPS	Design Check	E. FANSELAU	Project Director	M. KENNEDY

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0 1"



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Project THE GREAT REDWOOD TRAIL PHASE 4

Project No.
12557341

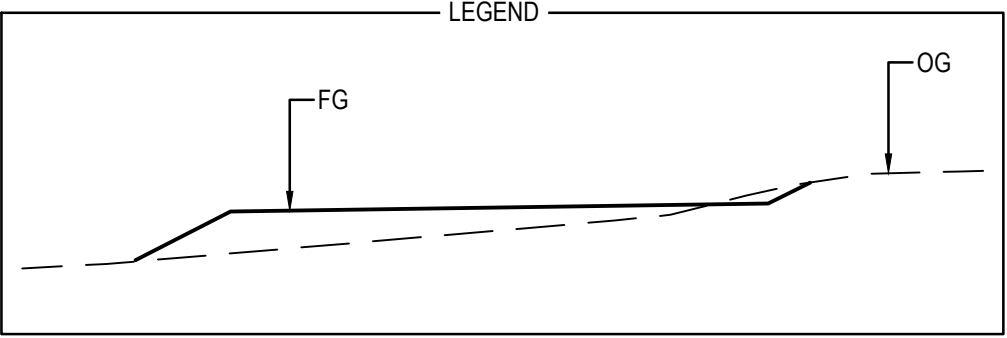
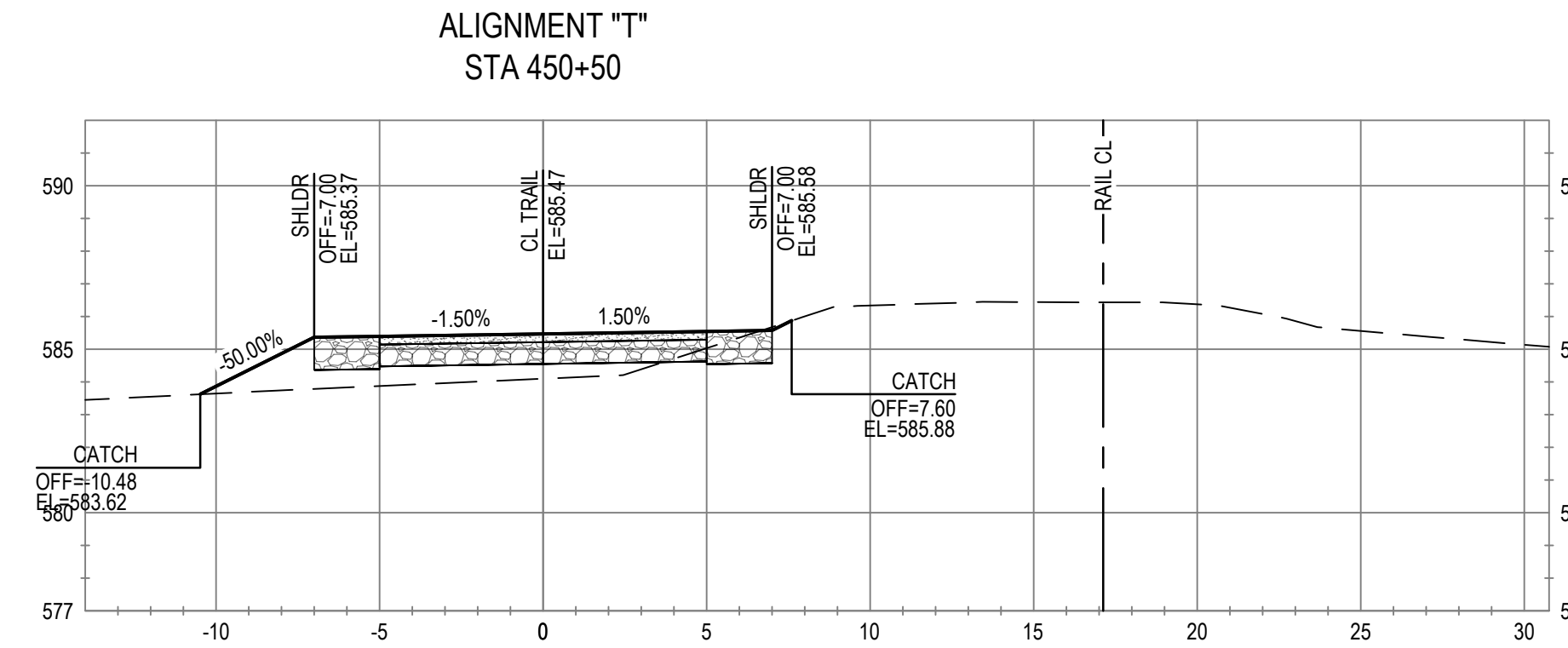
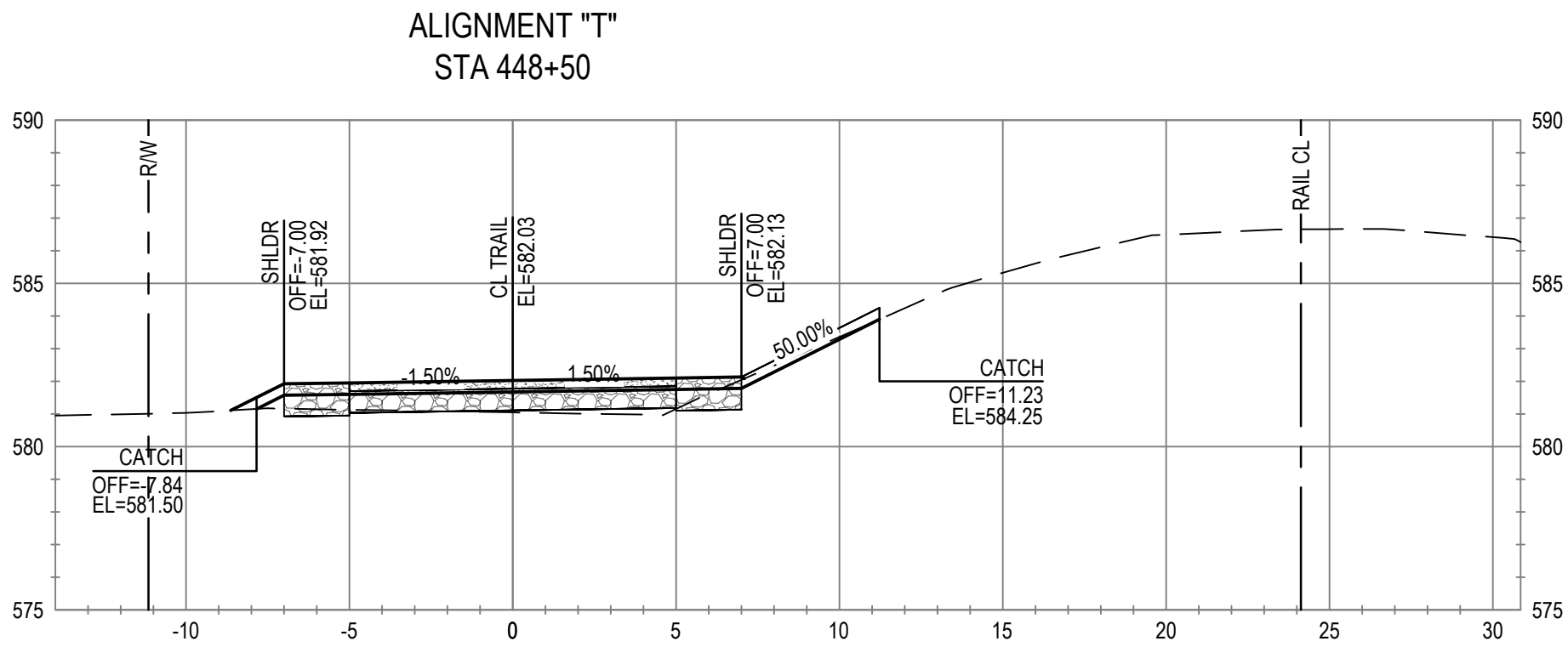
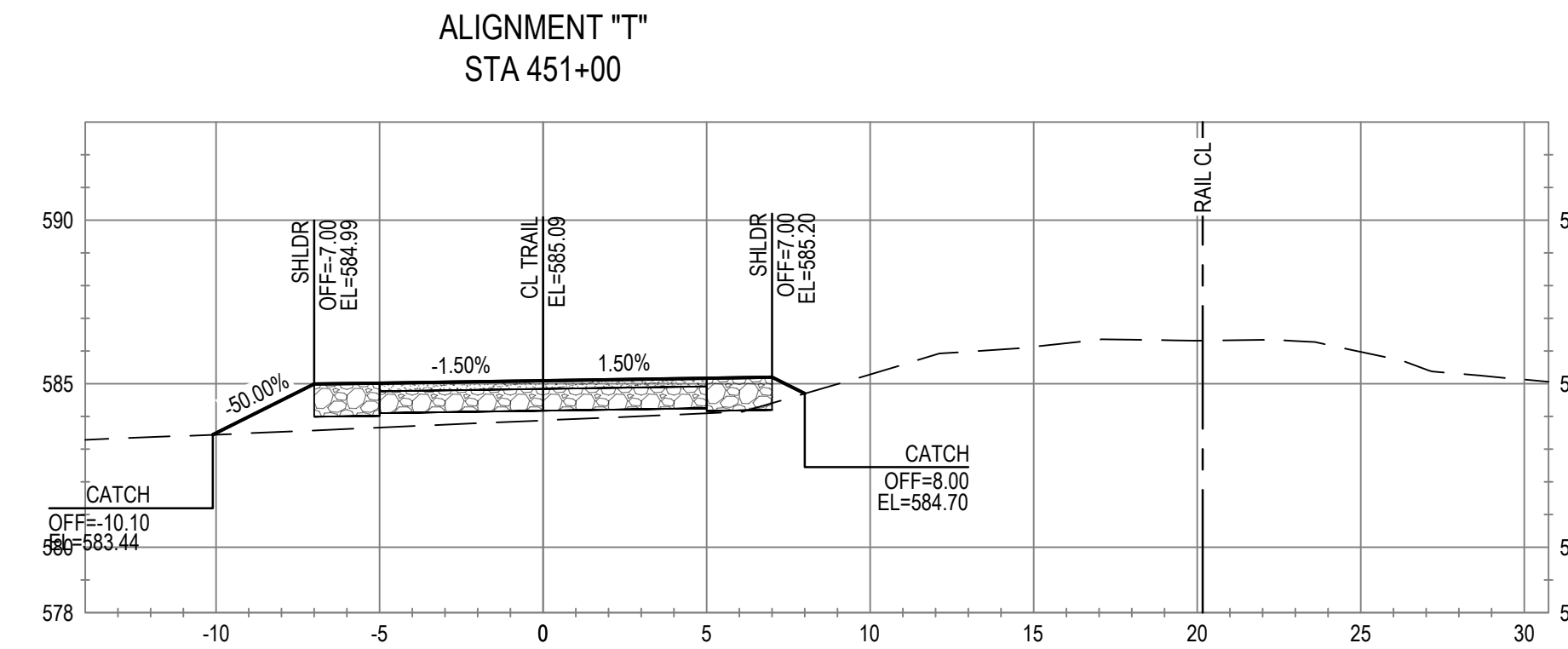
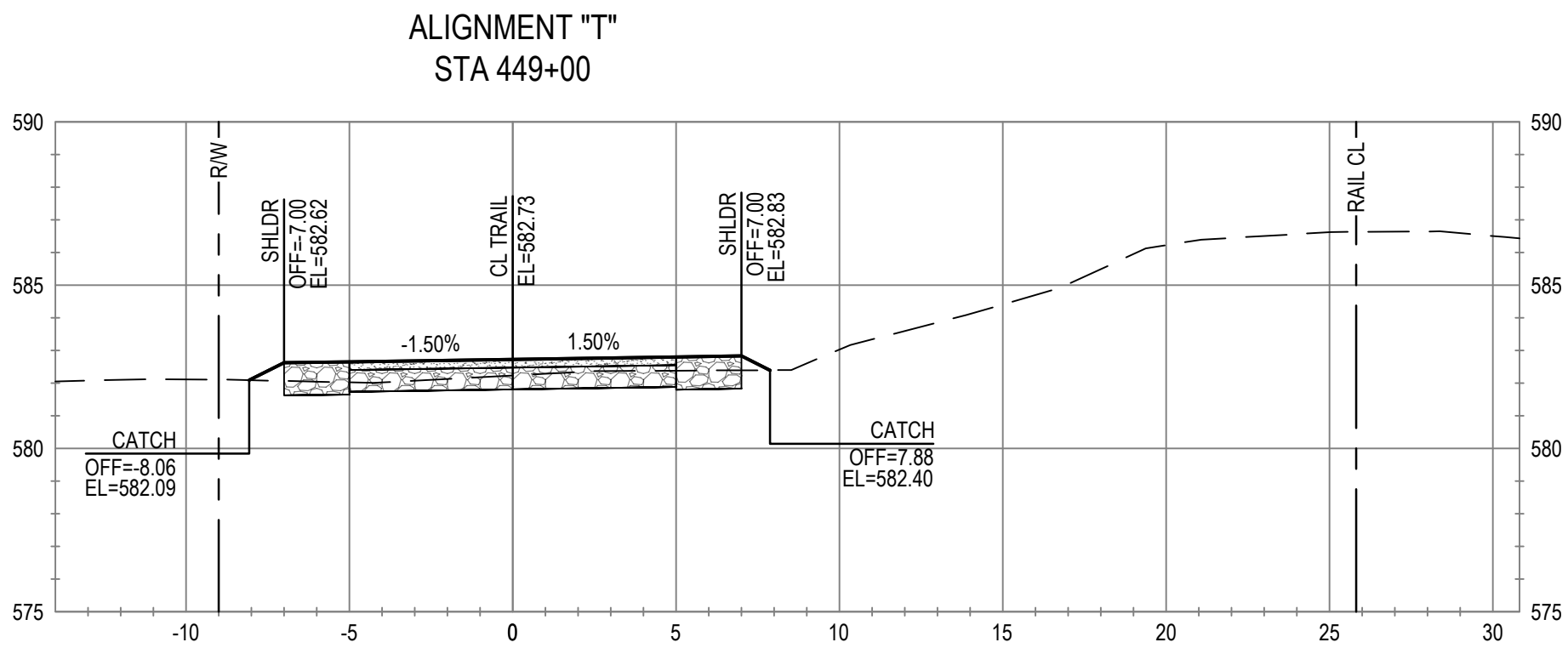
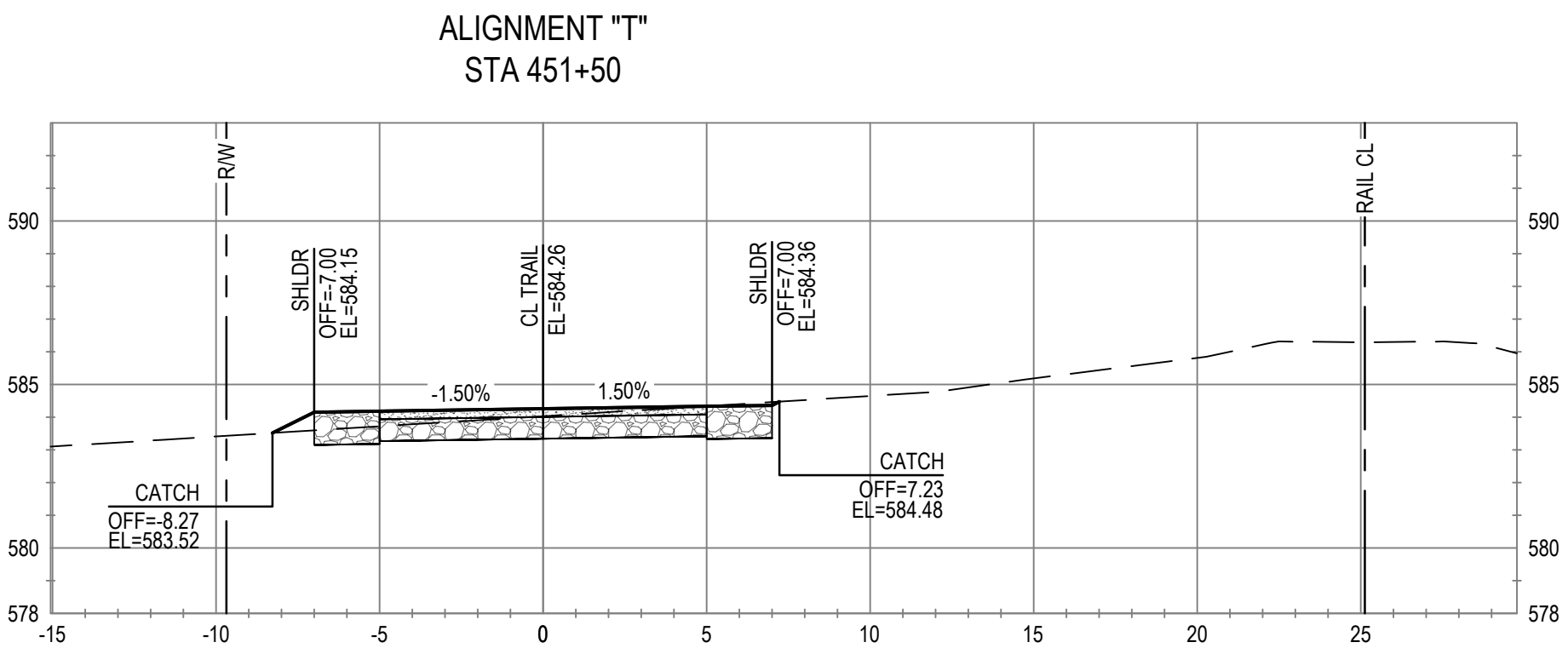
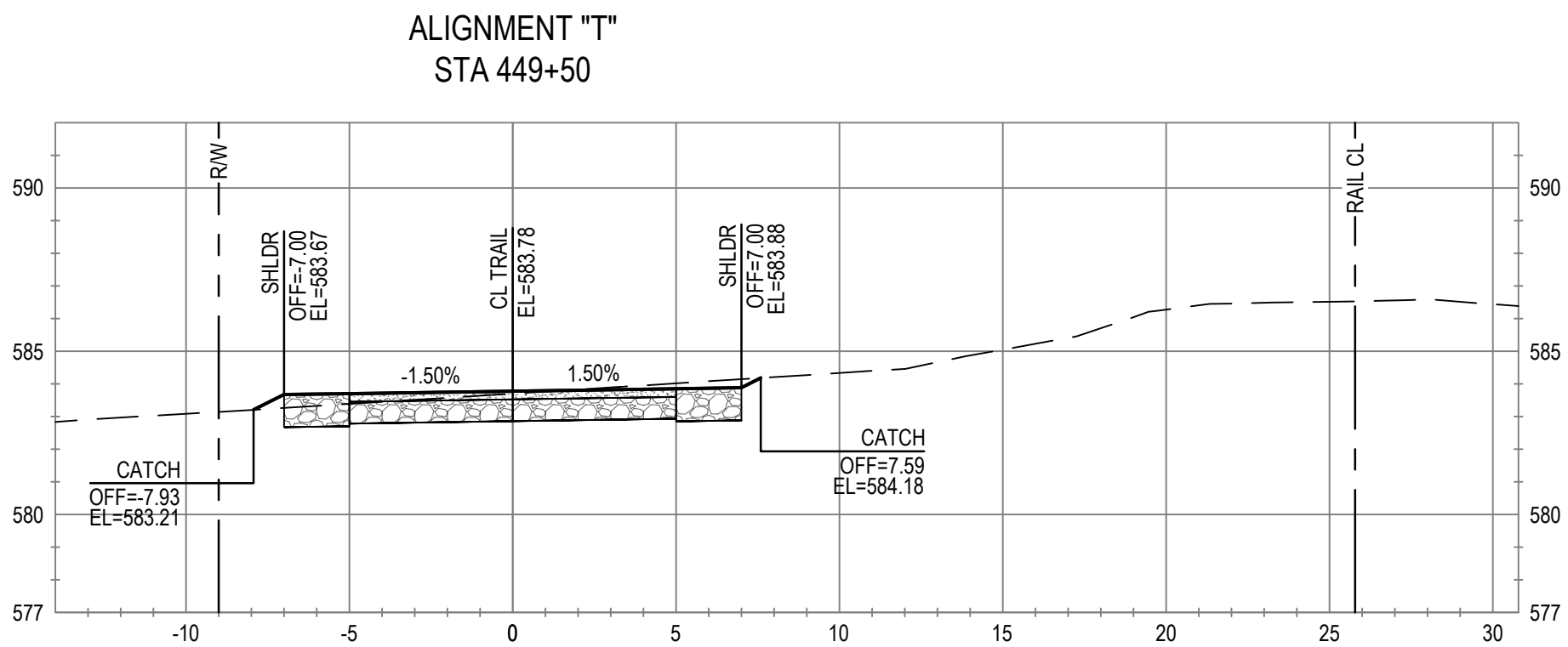
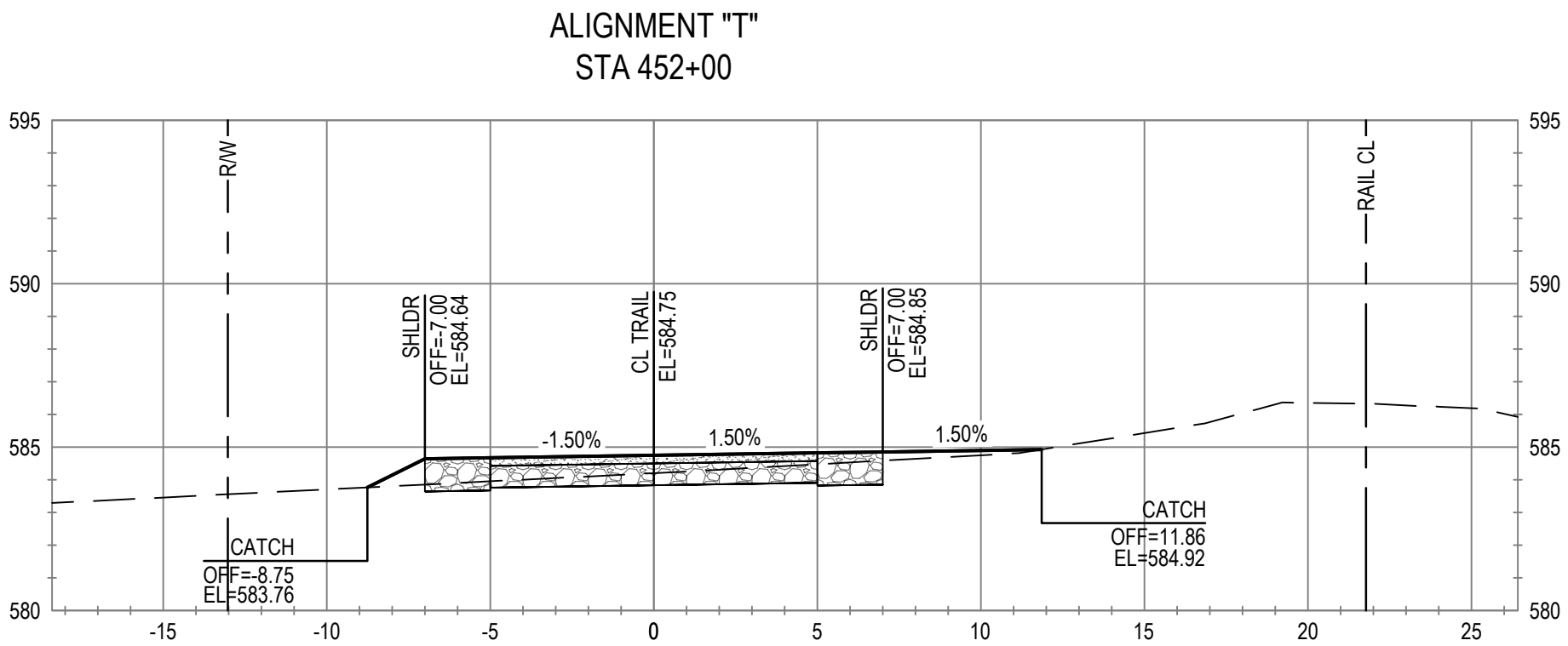
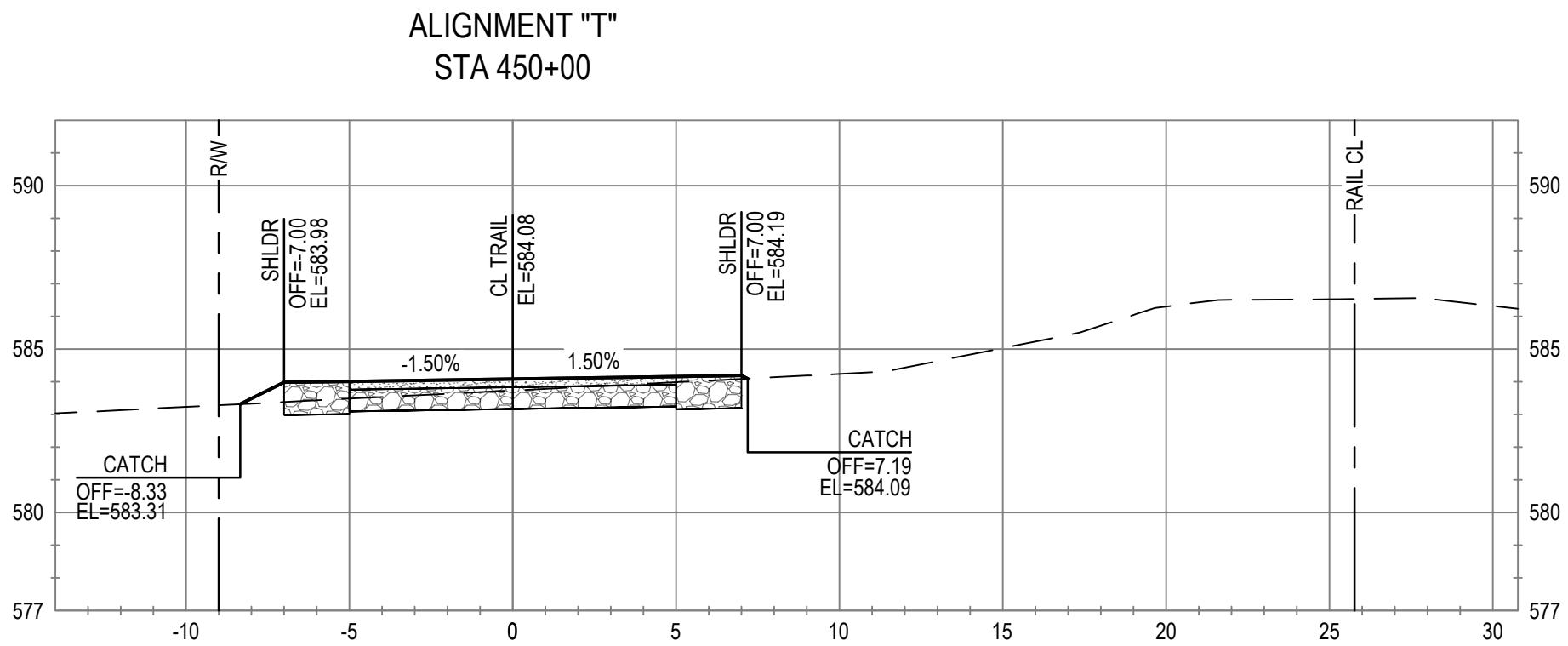
Date
SEP 30, 2022

Scale
1" = 5'

Title CROSS SECTIONS
STA 444+50 TO STA 448+00

Size
ANSI D

Sheet No.
C-812
Sheet
88 of 96



No.	Issue	Checked	Approved	Date
Author	C. PHELPS	Drafting Check	E. FANSELAU	Project Manager
Designer	C. PHELPS	Design Check	E. FANSELAU	Project Director
			M. KENNEDY	

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0 1"



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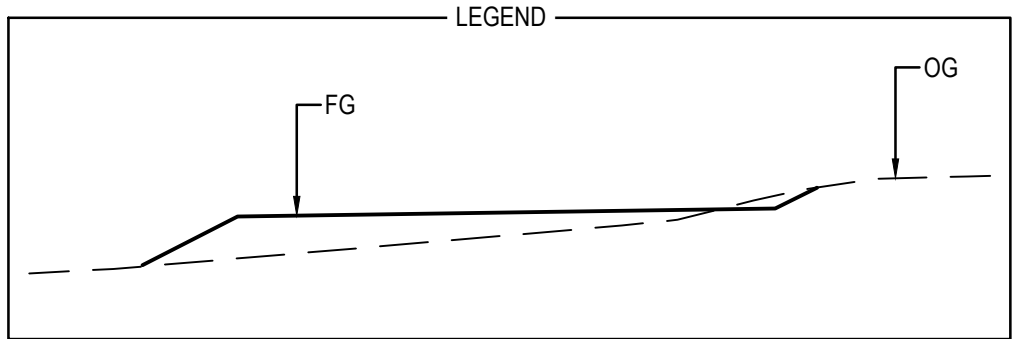
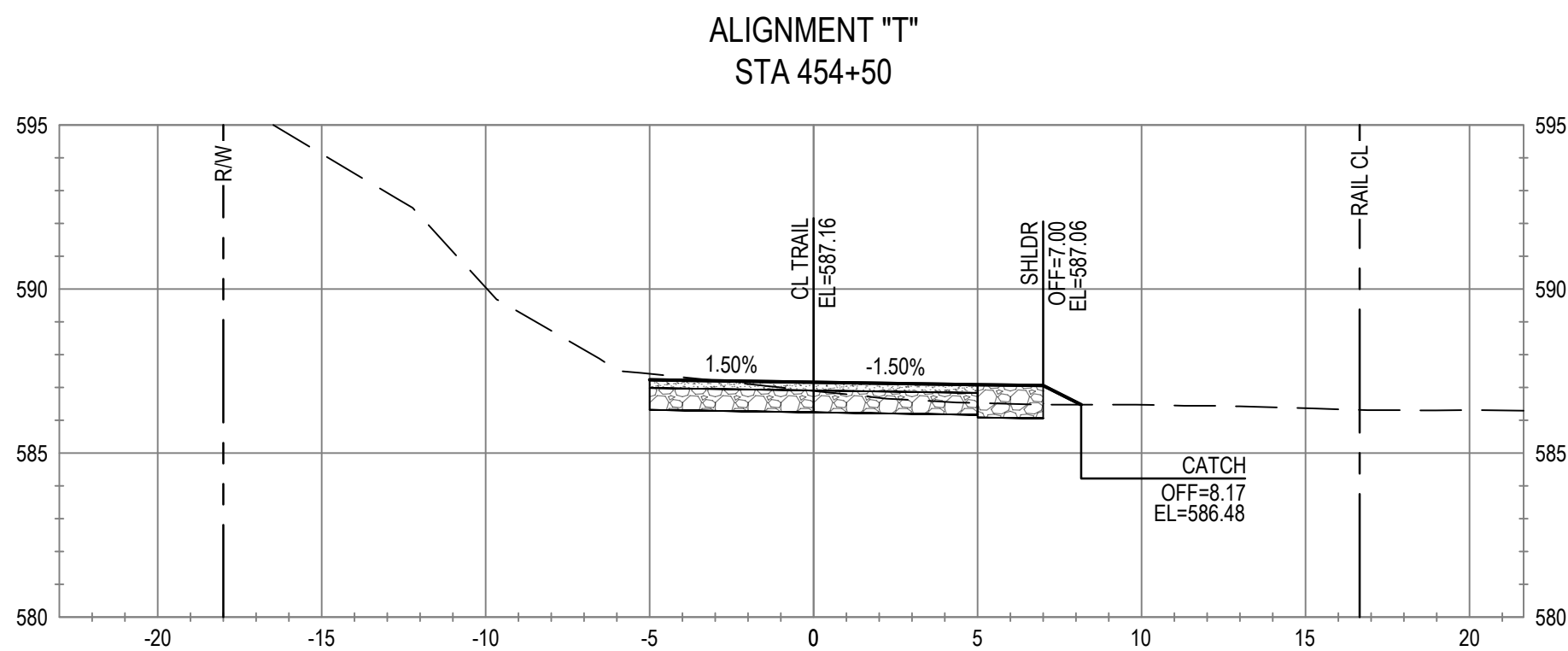
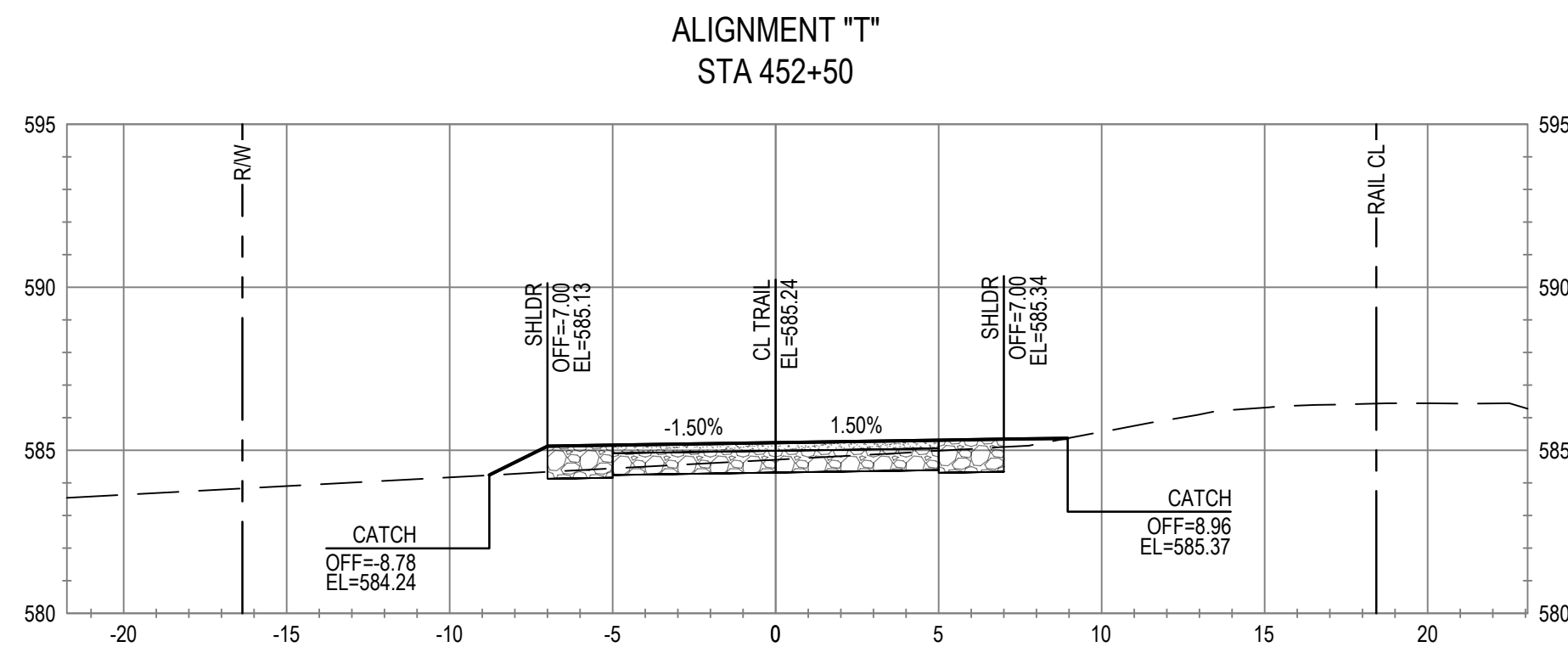
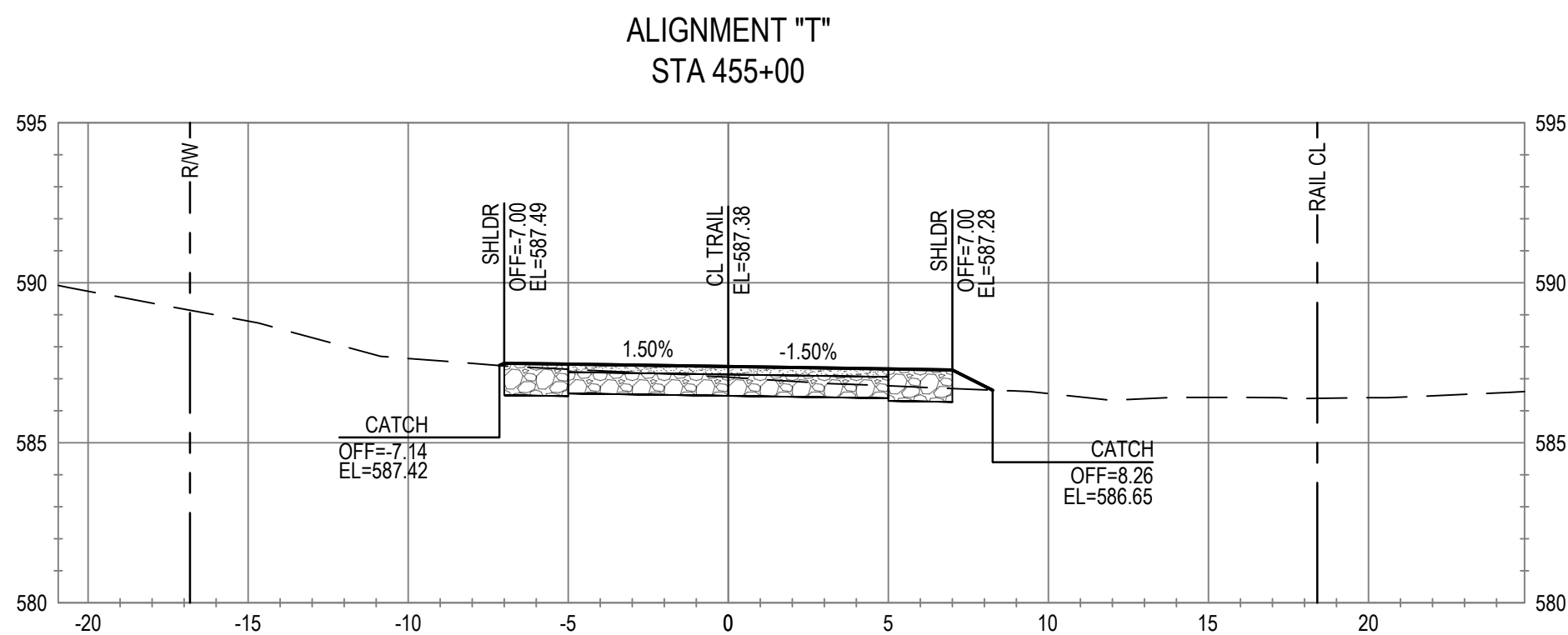
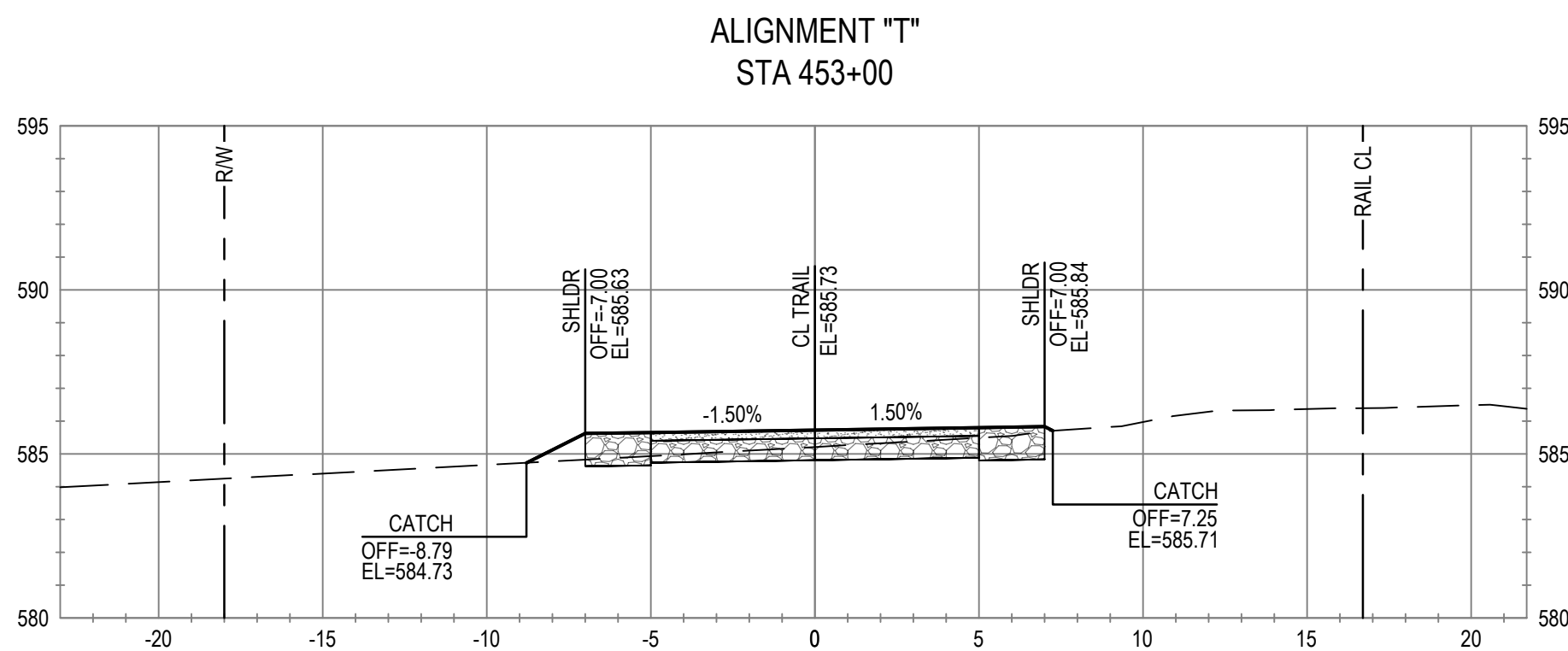
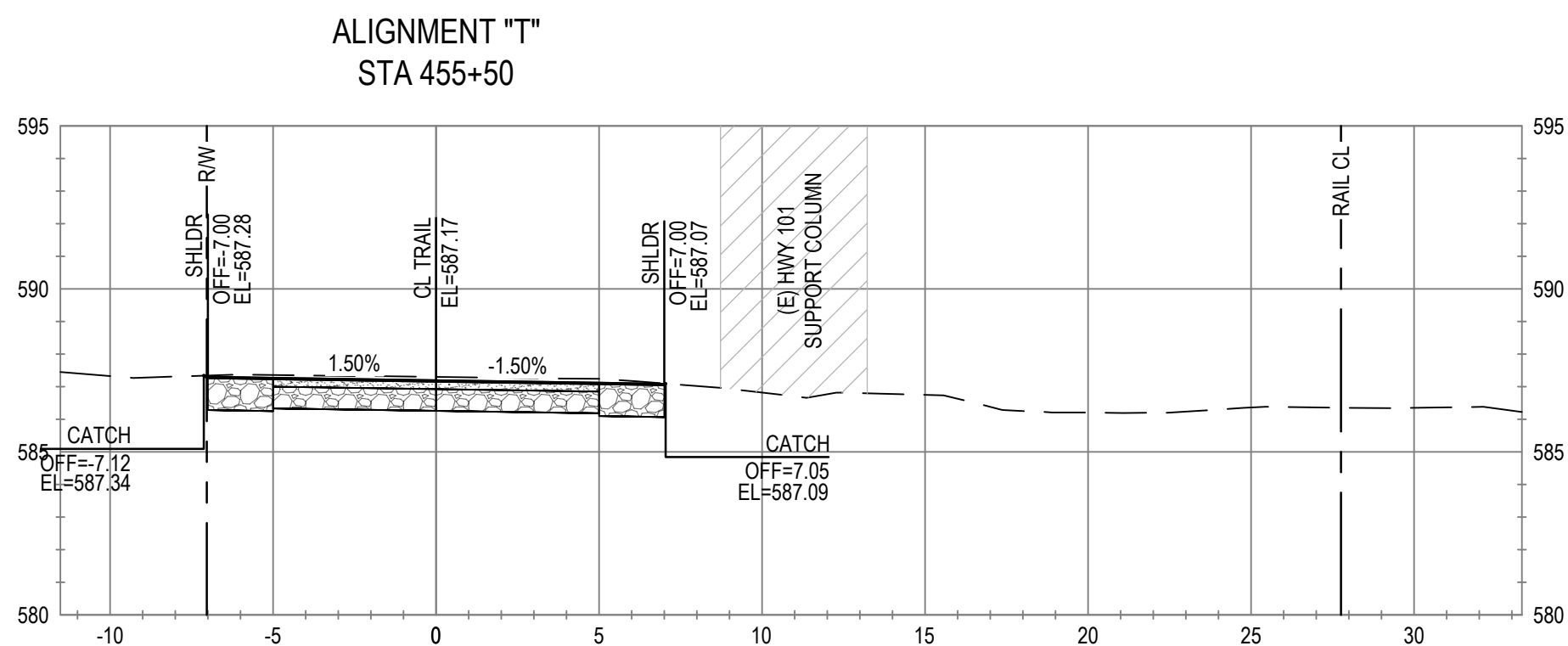
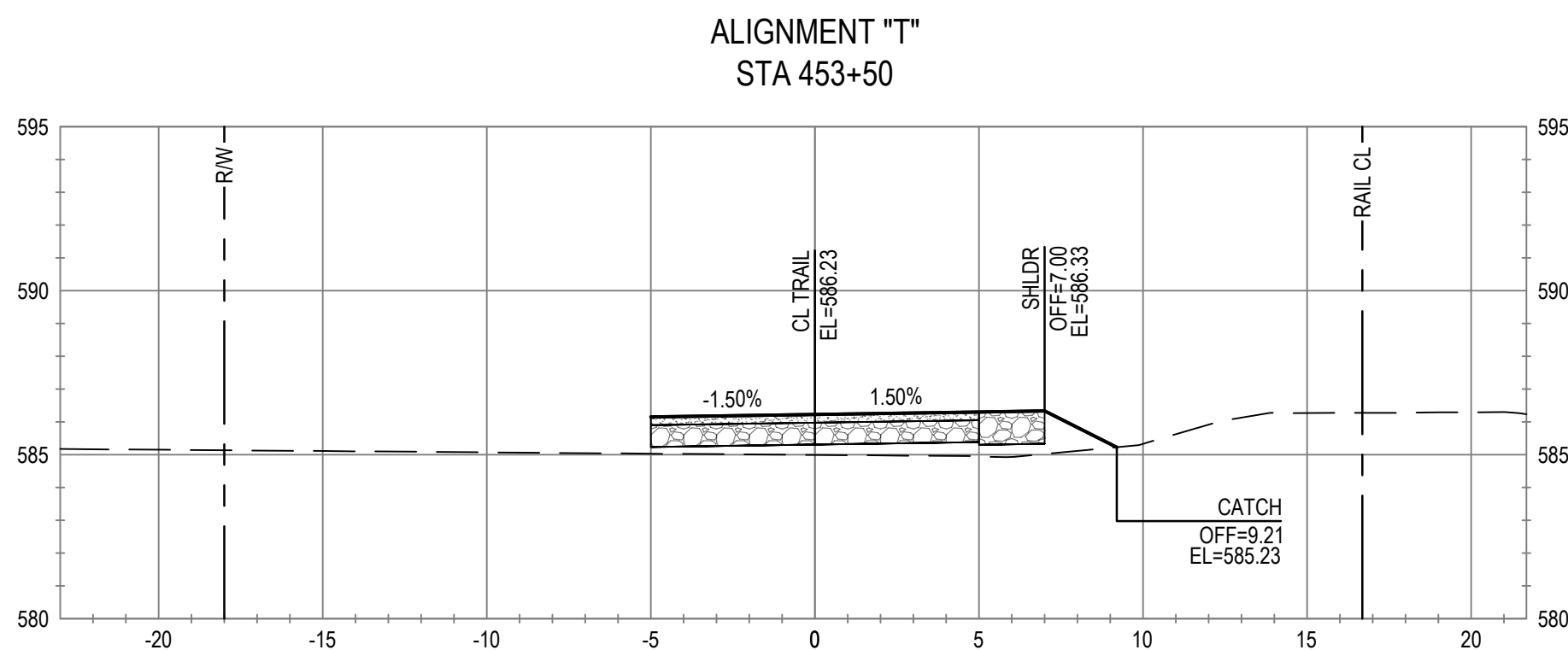
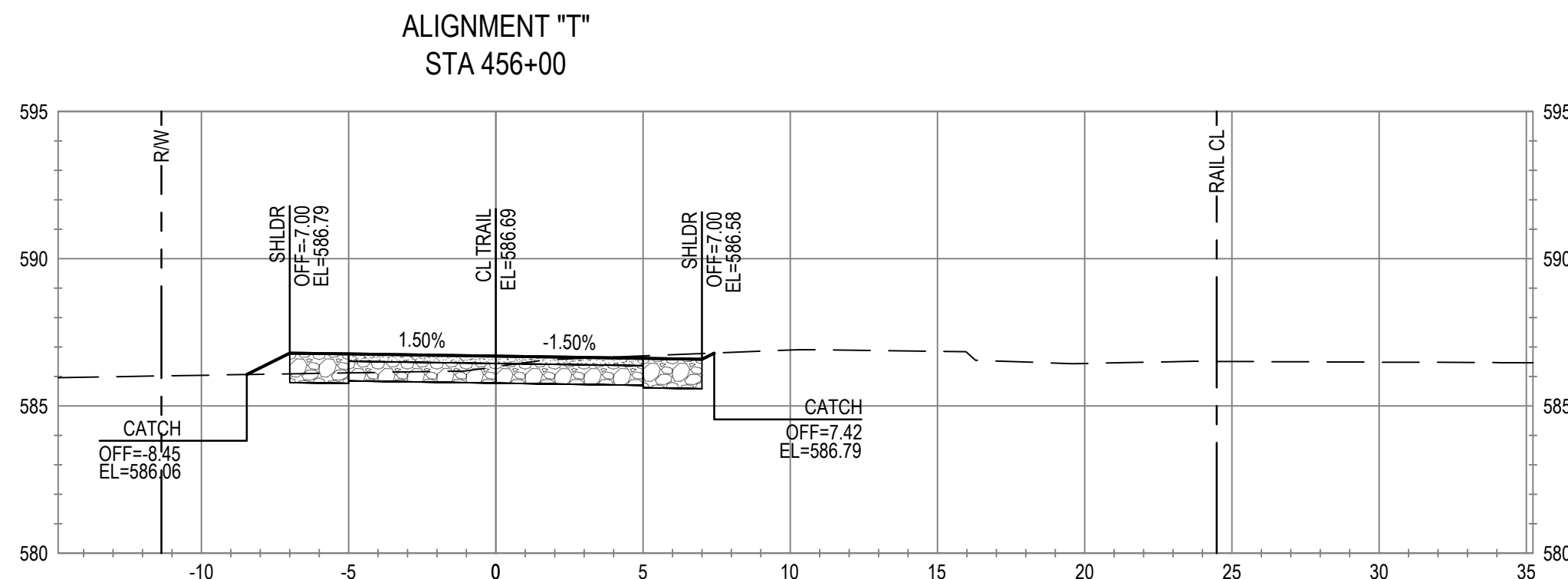
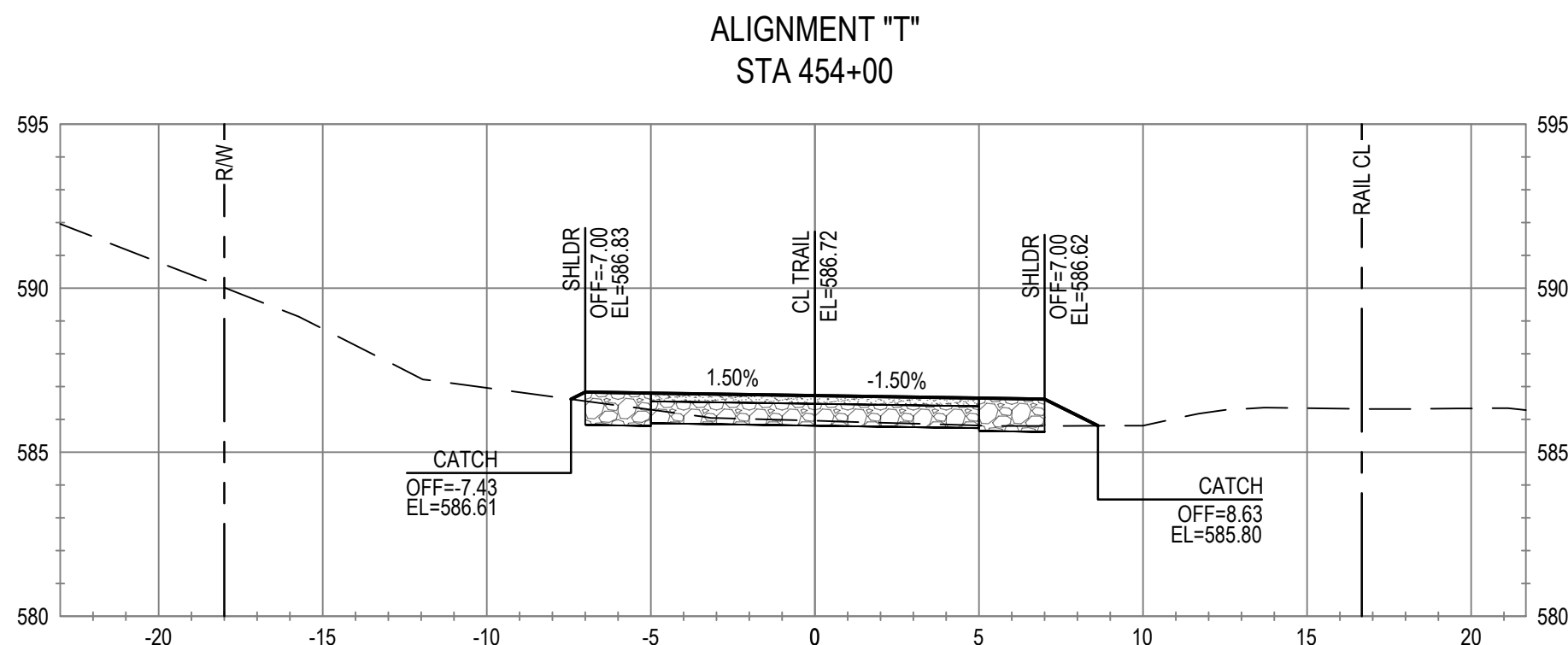


Client **CITY OF UKIAH**
Project **THE GREAT REDWOOD TRAIL PHASE 4**

Project No. **12557341**
Date **SEP 30, 2022**
Scale **1" = 5'**

Title **CROSS SECTIONS
STA 448+50 TO STA 452+00**

Size **ANSI D**
Sheet No. **C-813**
Sheet **89 of 96**



No.	Issue	Checked	Approved	Date
Author	C. PHELPS	Drafting Check	E. FANSELAU	
Designer	C. PHELPS	Design Check	E. FANSELAU	
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		Project Director	M. KENNEDY	

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Project THE GREAT REDWOOD TRAIL PHASE 4

Project No. 12557341

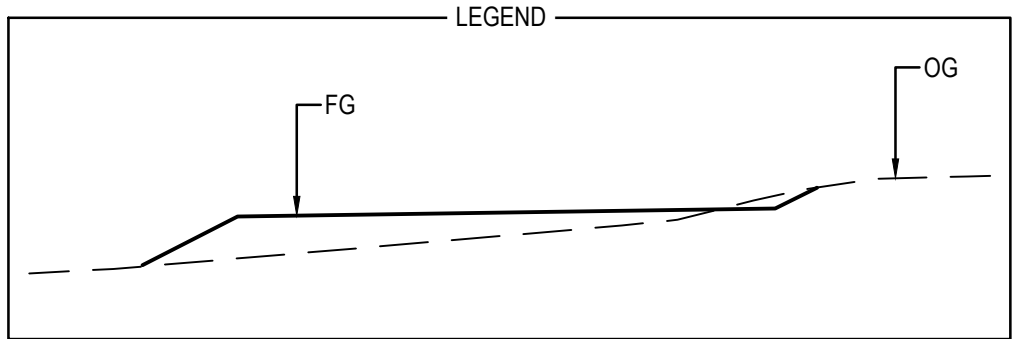
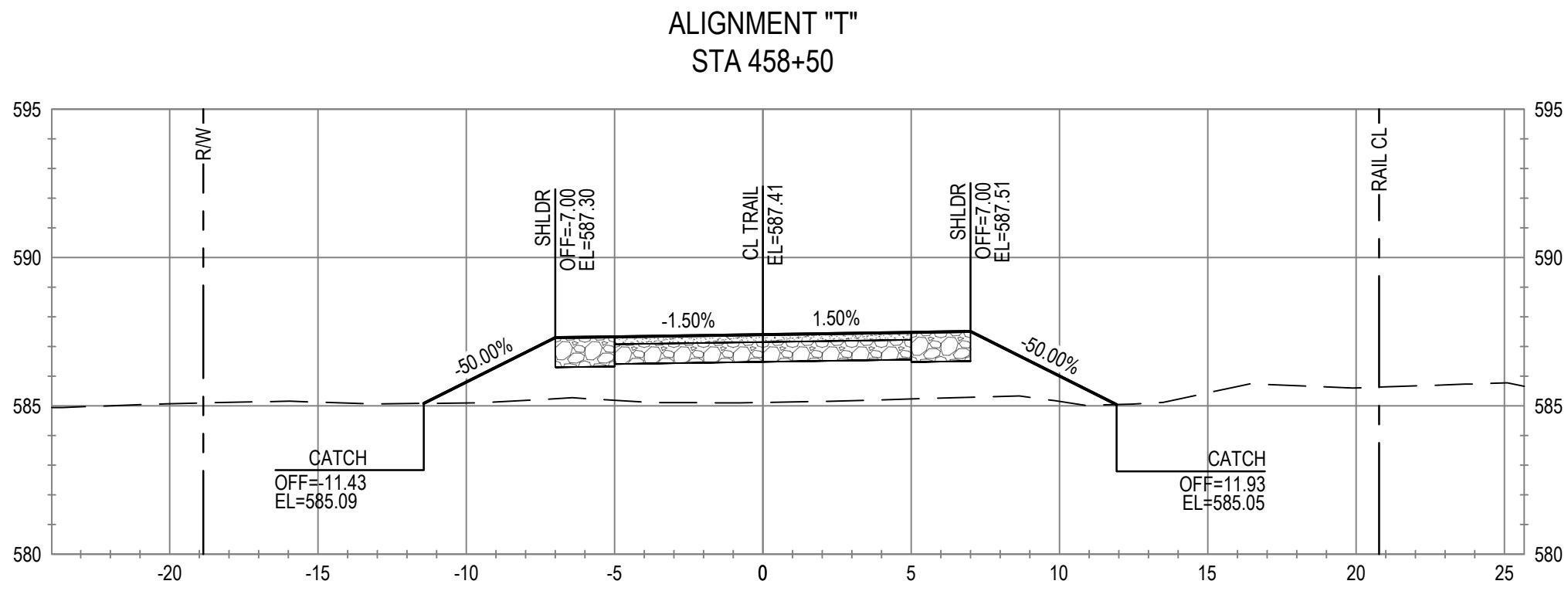
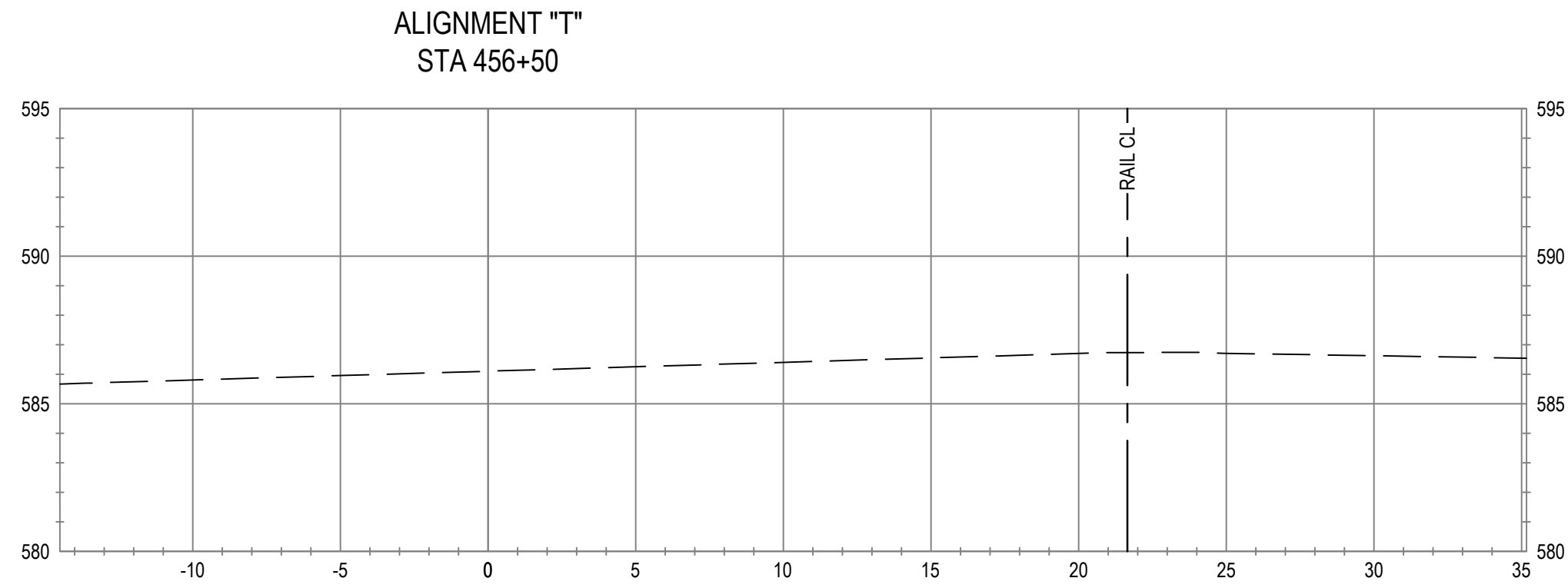
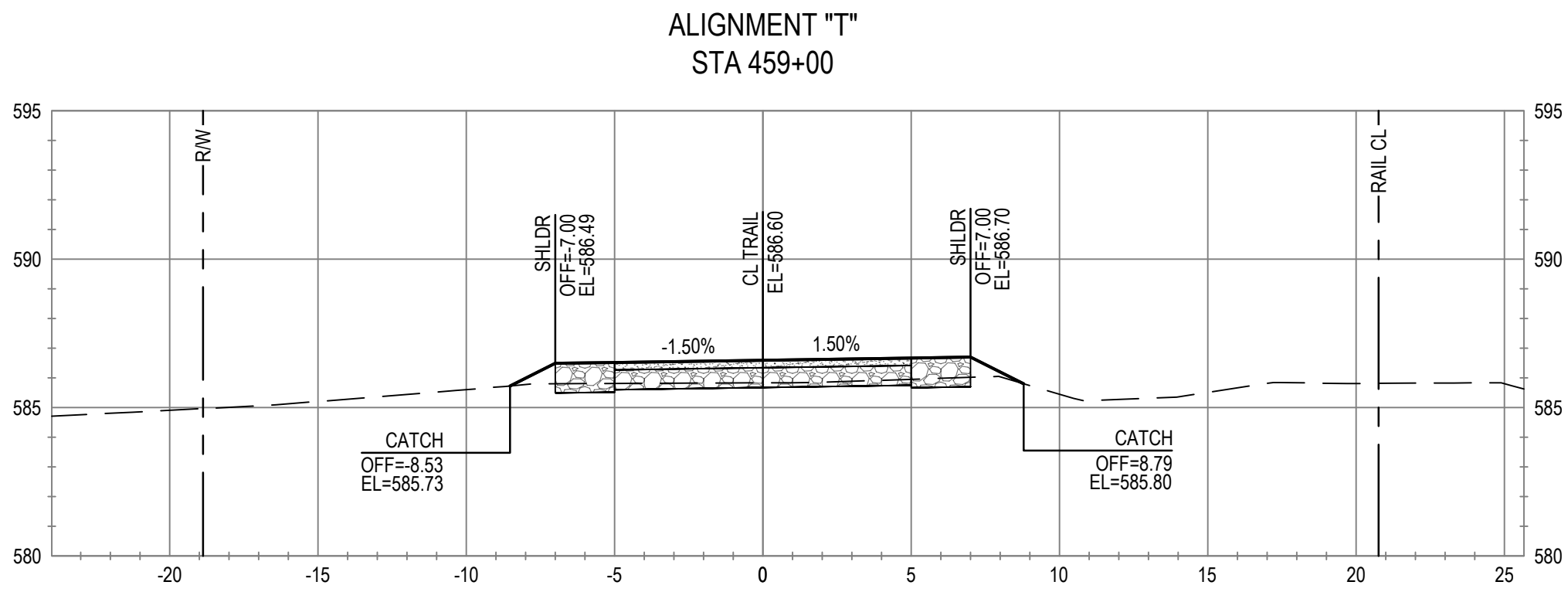
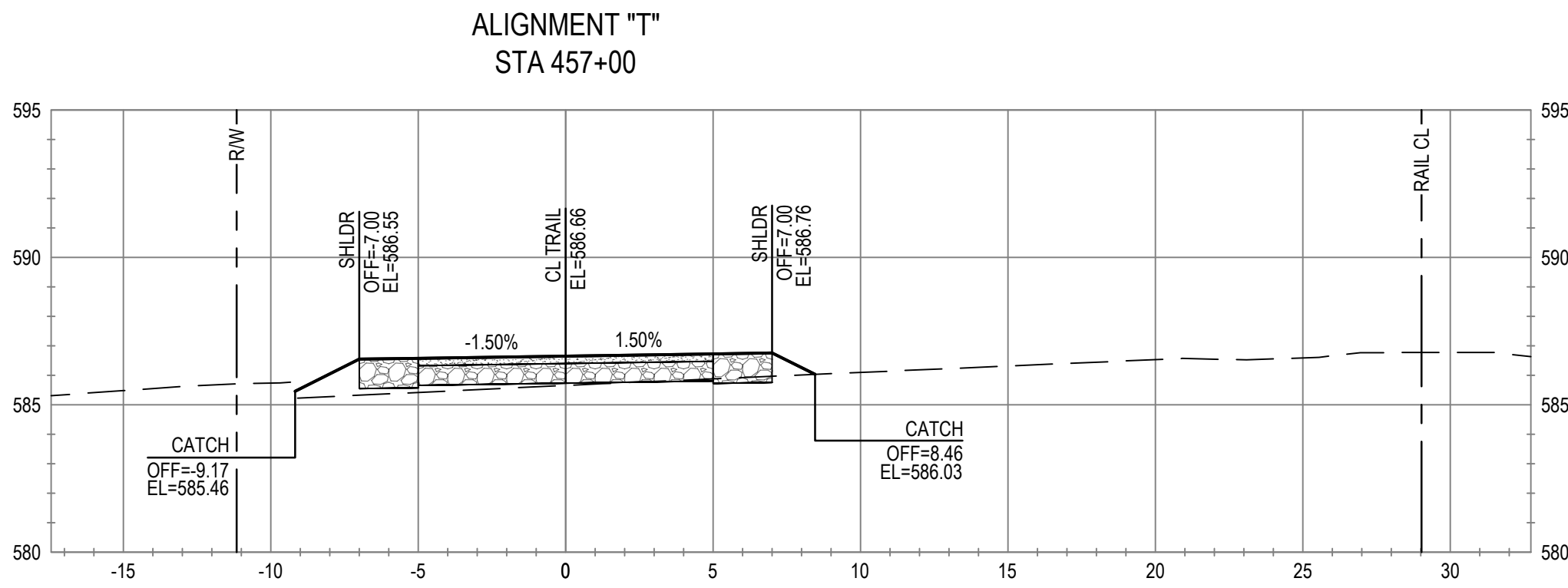
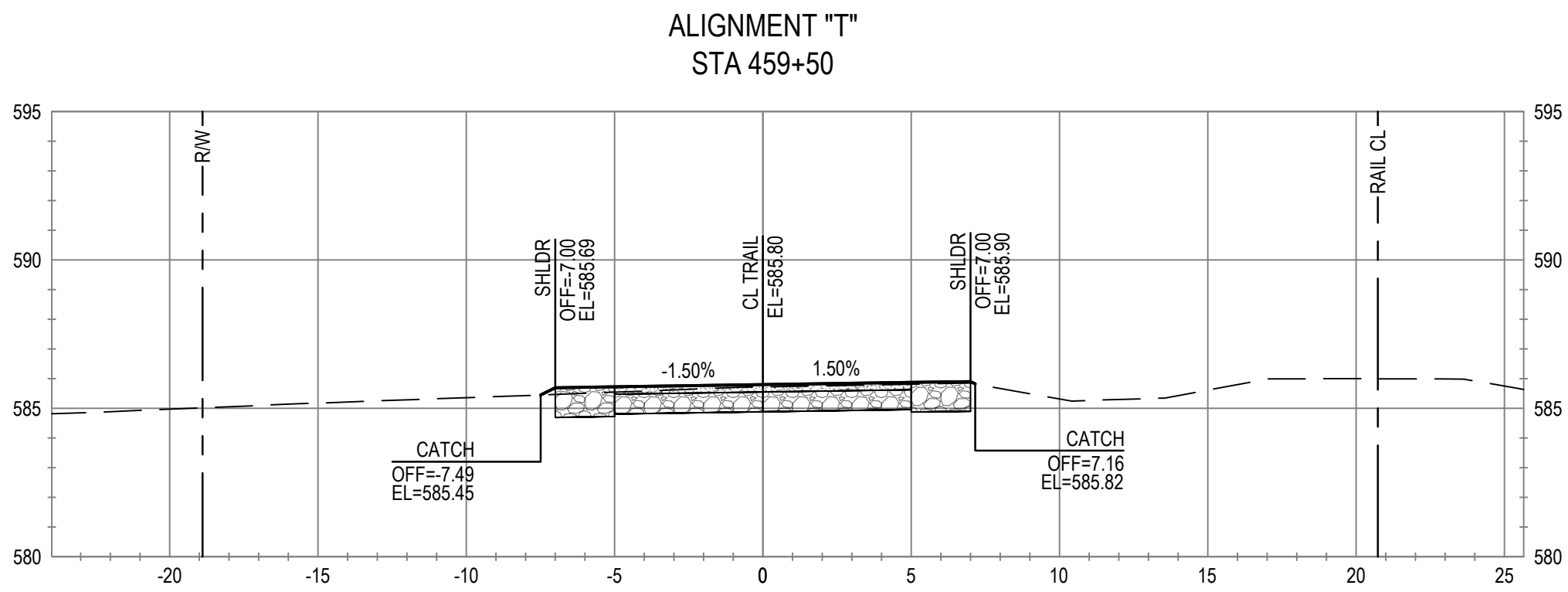
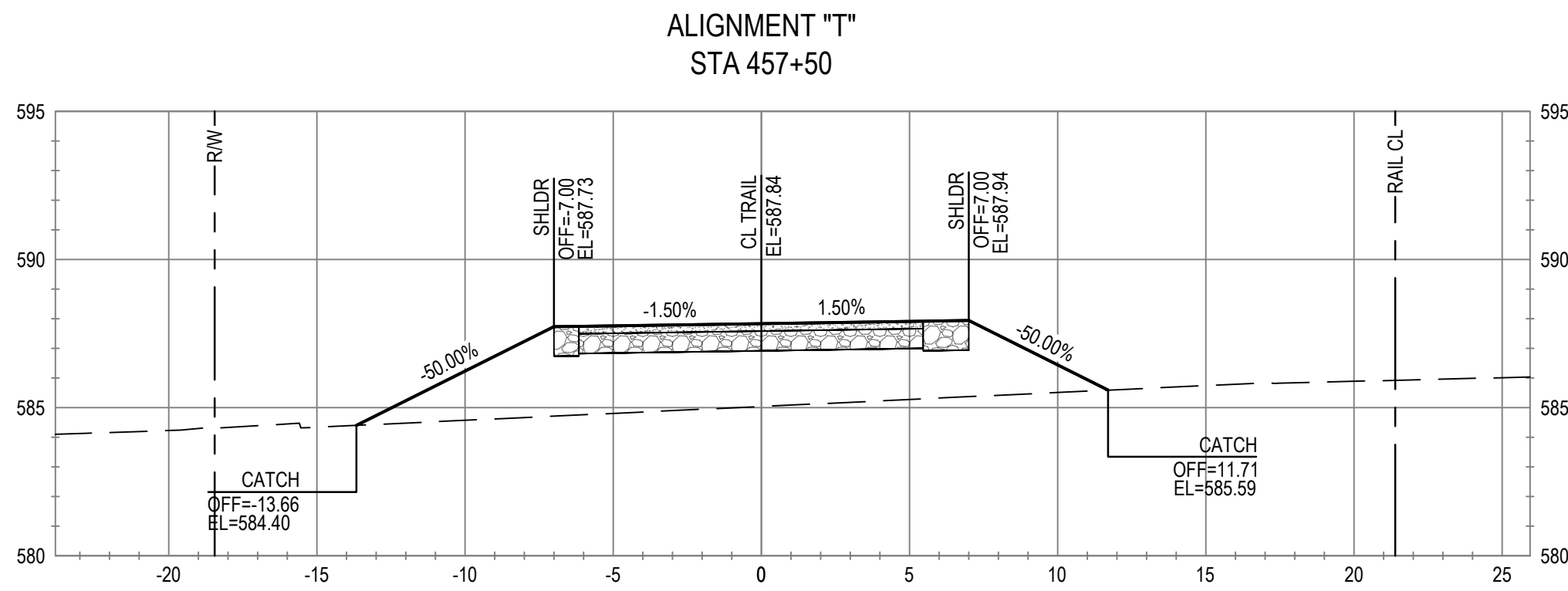
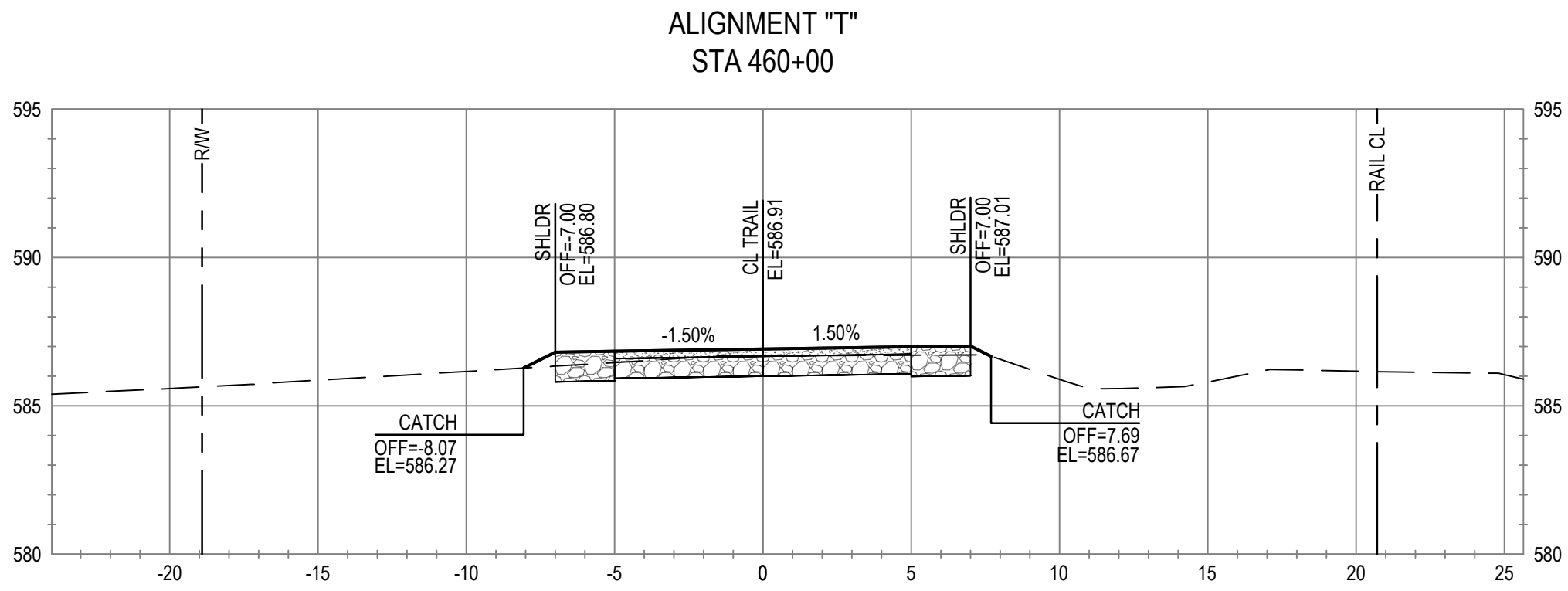
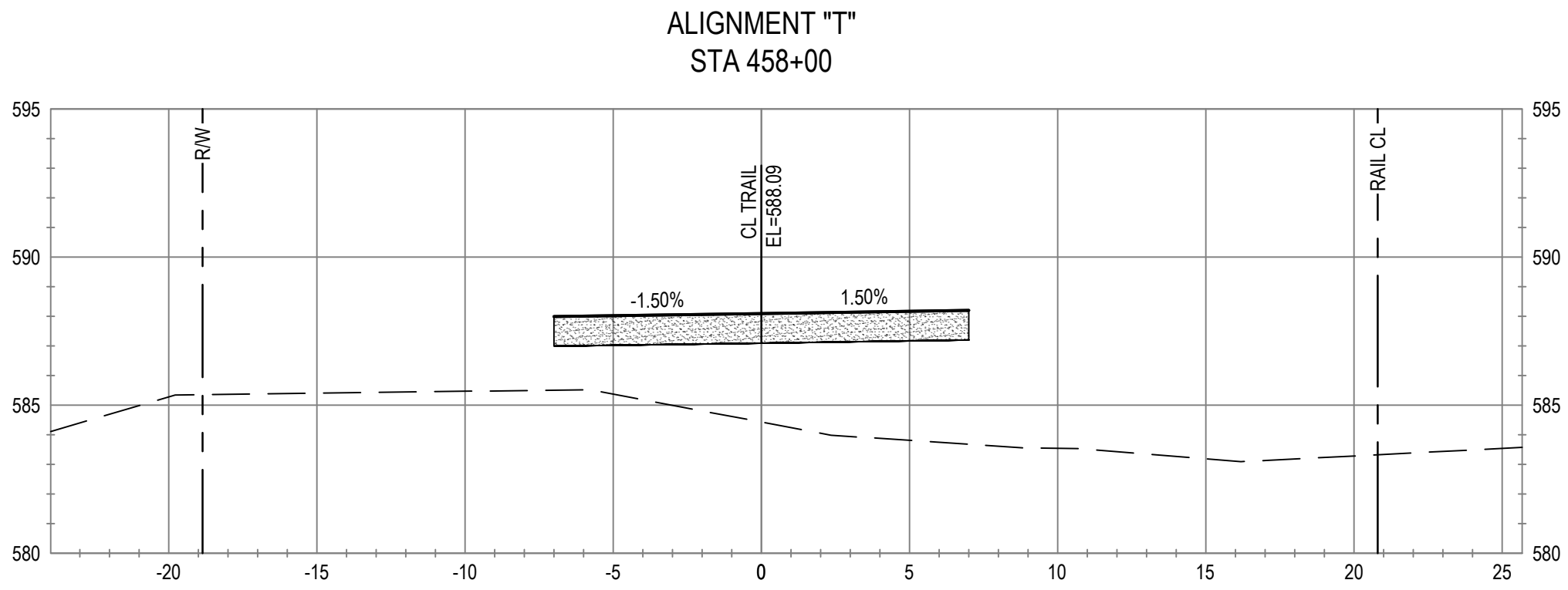
Date SEP 30, 2022

Scale 1" = 5'

Title CROSS SECTIONS
STA 452+50 TO STA 456+00

Size ANSI D

Sheet No. C-814
90 of 96



No.	Issue	Checked	Approved	Date
Author	C. PHELPS	Drafting Check	E. FANSELAU	
Designer	C. PHELPS	Design Check	E. FANSELAU	
		Project Manager	E. FANSELAU	
		Project Director	M. KENNEDY	

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Project THE GREAT REDWOOD TRAIL PHASE 4

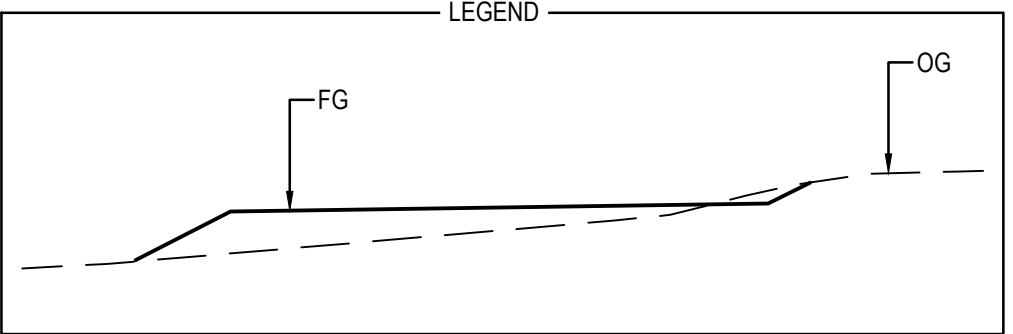
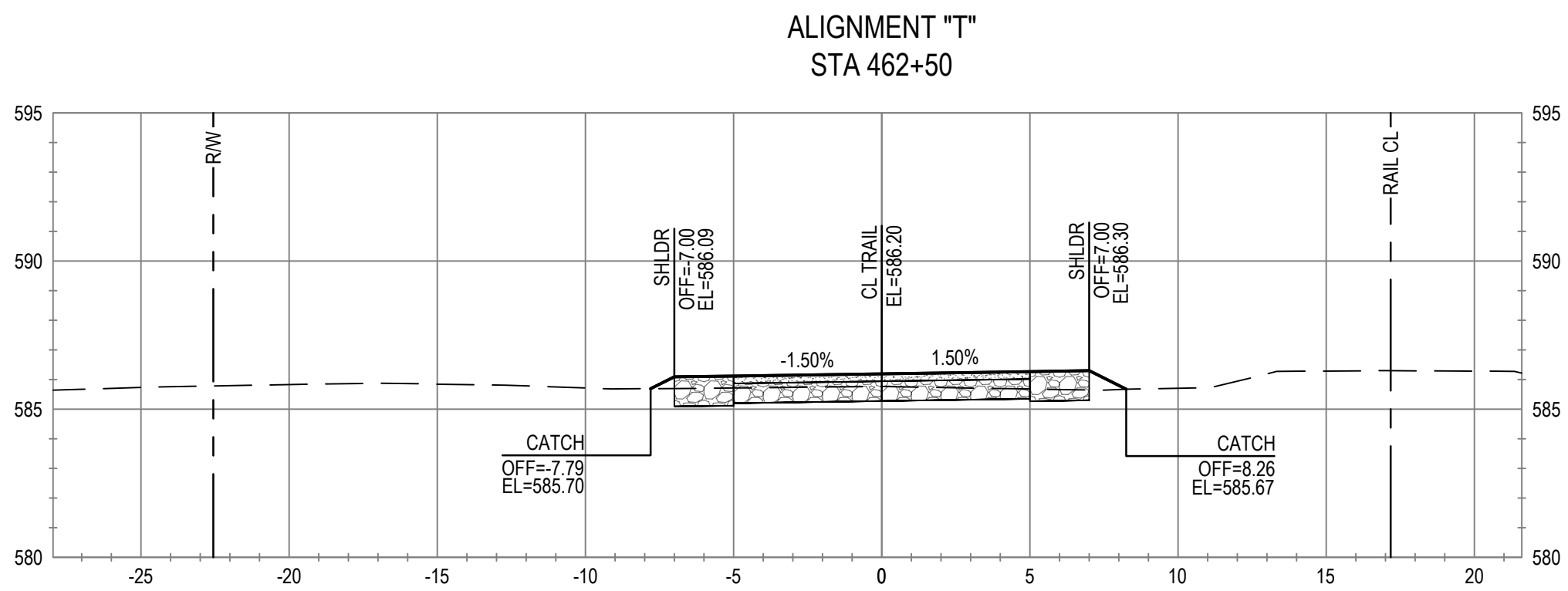
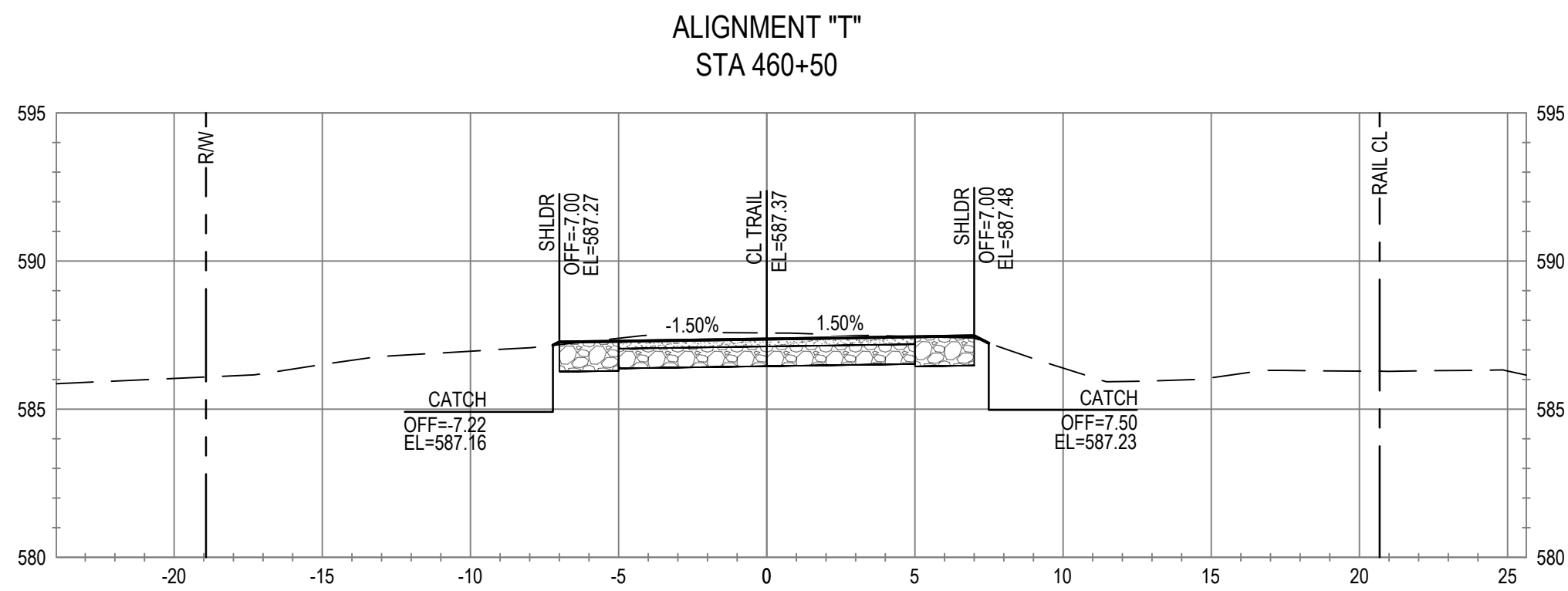
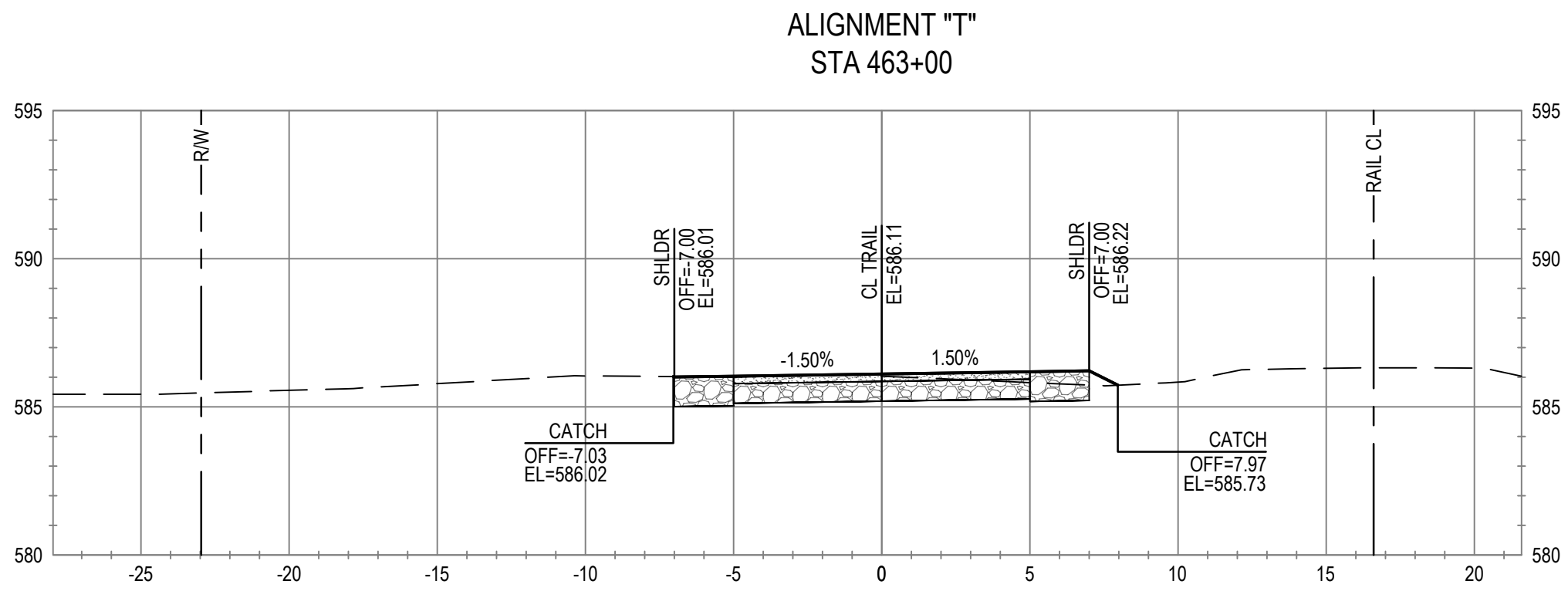
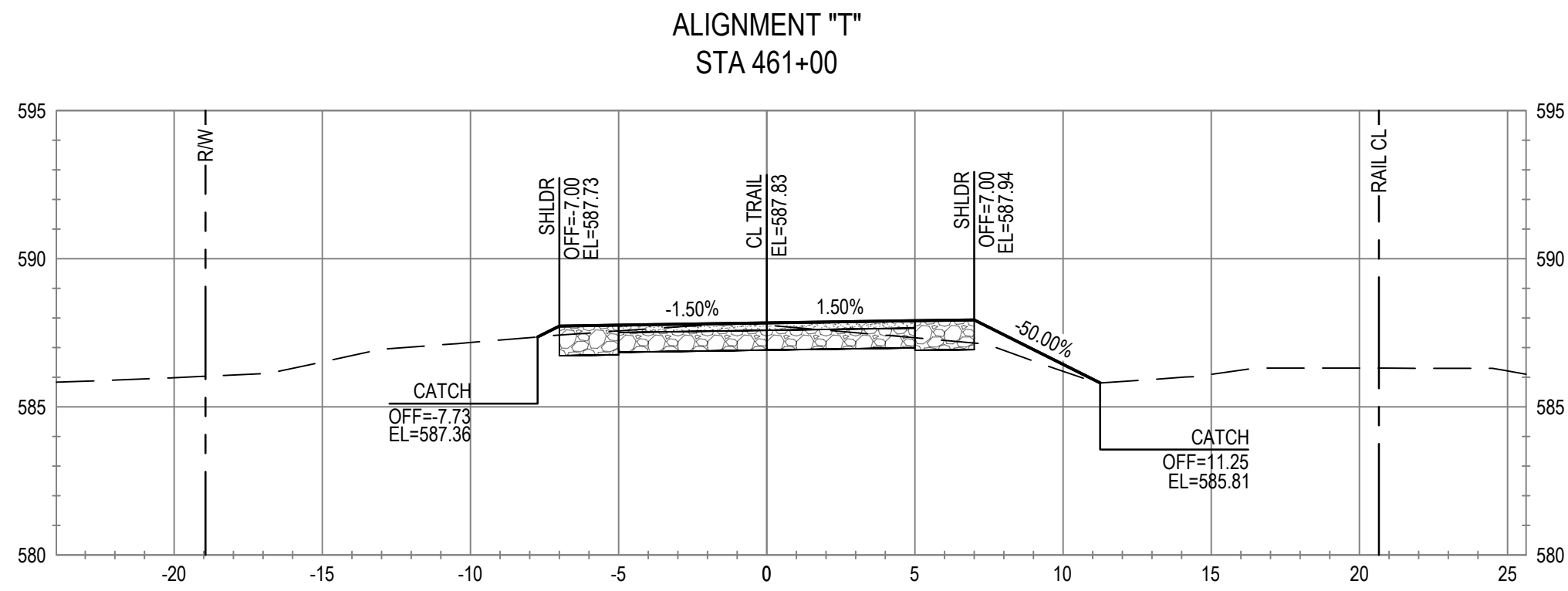
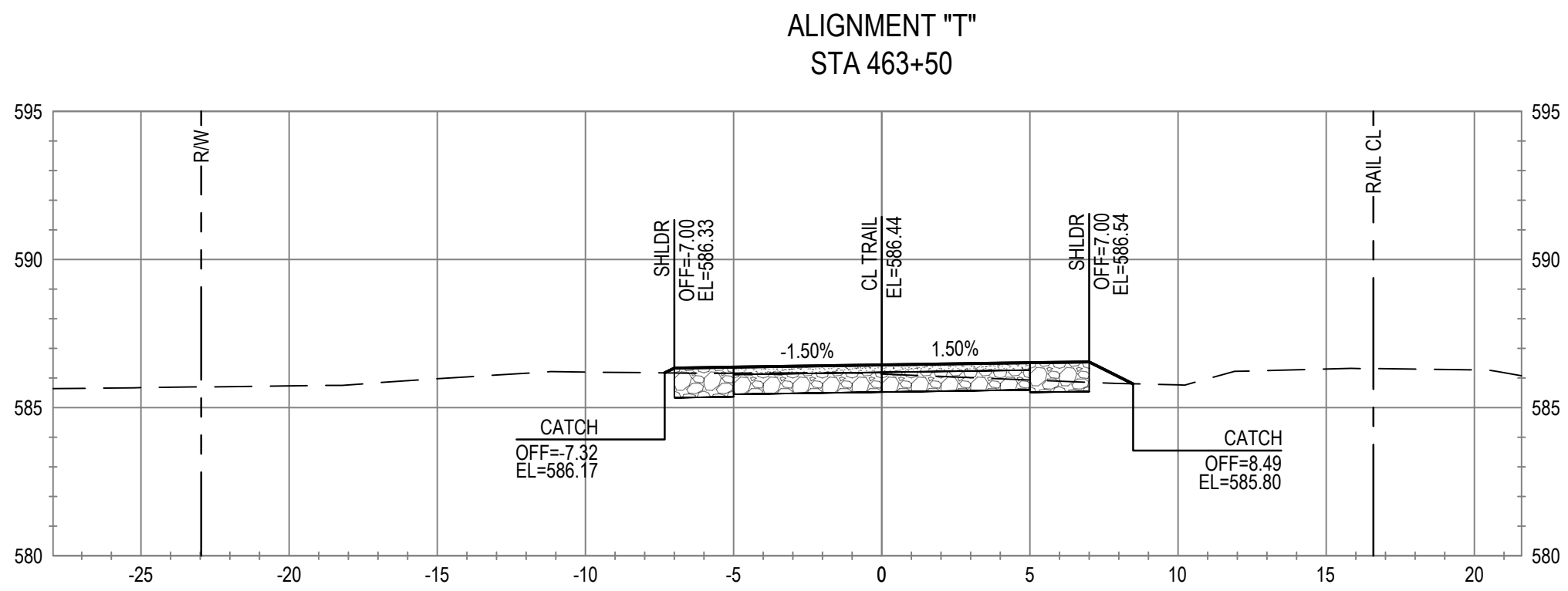
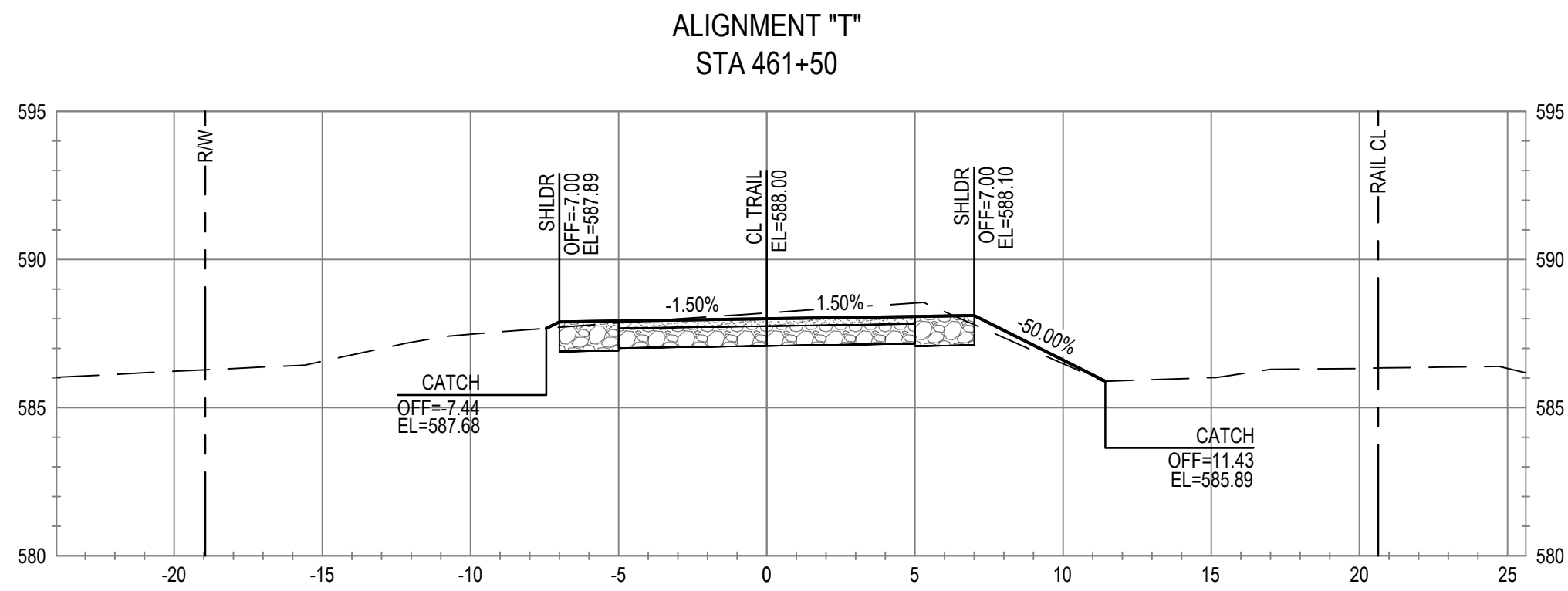
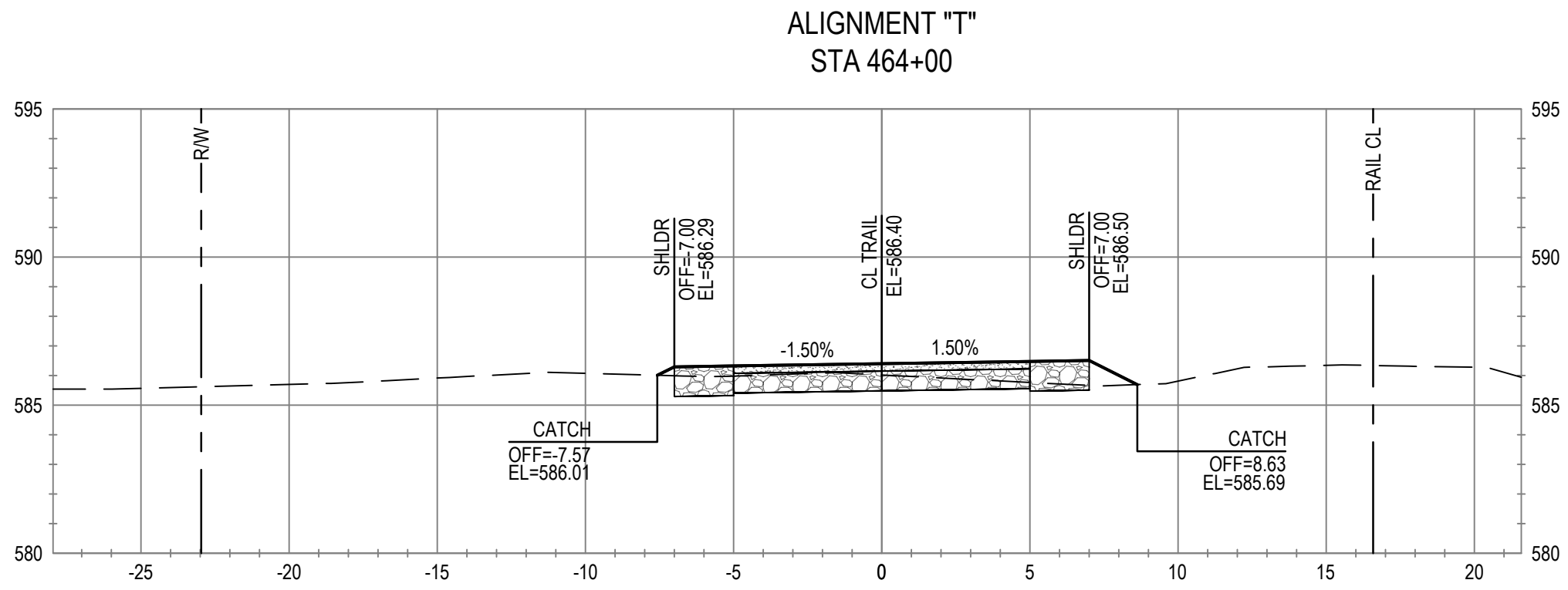
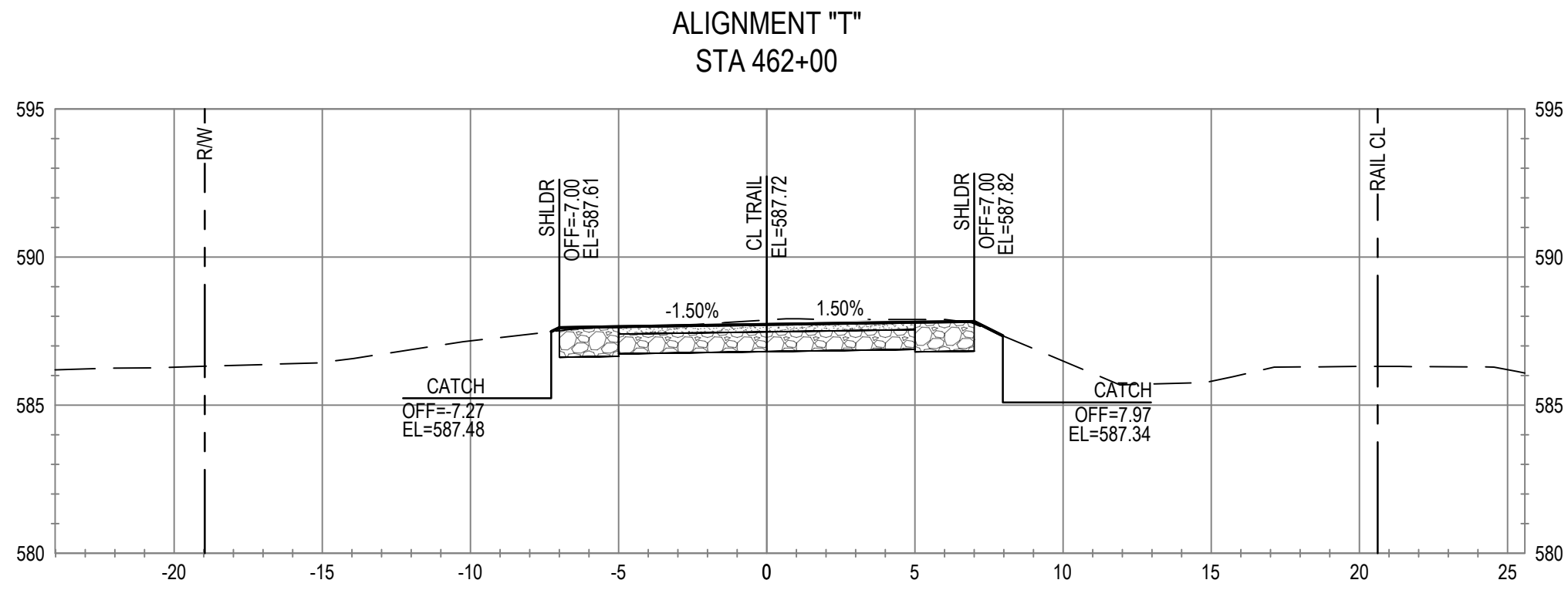
Project No.
12557341

Date
SEP 30, 2022

Scale
1" = 5'

Title CROSS SECTIONS
STA 456+50 TO STA 460+00
ADD ALTERNATIVE

Size
ANSI D
Sheet No.
C-815
Sheet
91 of 96



No.	Issue	Checked	Approved	Date
Author	C. PHELPS	Drafting Check	E. FANSELAU	
Designer	C. PHELPS	Design Check	E. FANSELAU	
		Project Manager	E. FANSELAU	
		Project Director	M. KENNEDY	

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Client CITY OF UKIAH

Project THE GREAT REDWOOD TRAIL PHASE 4

Project No. 12557341

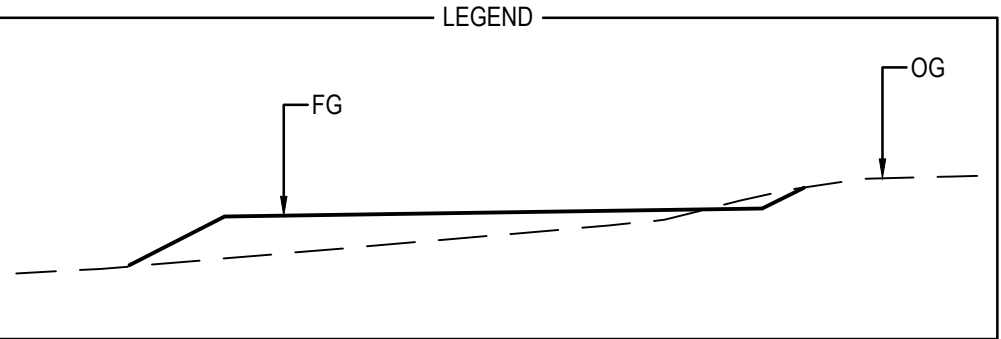
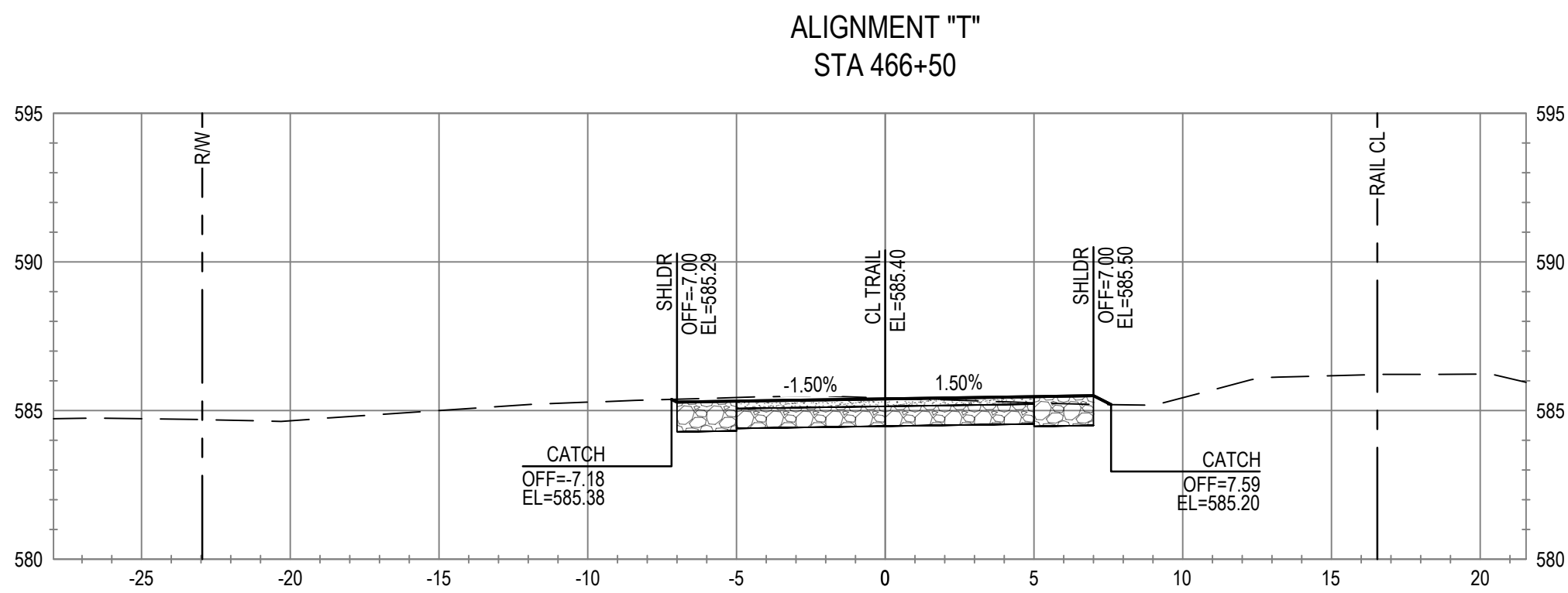
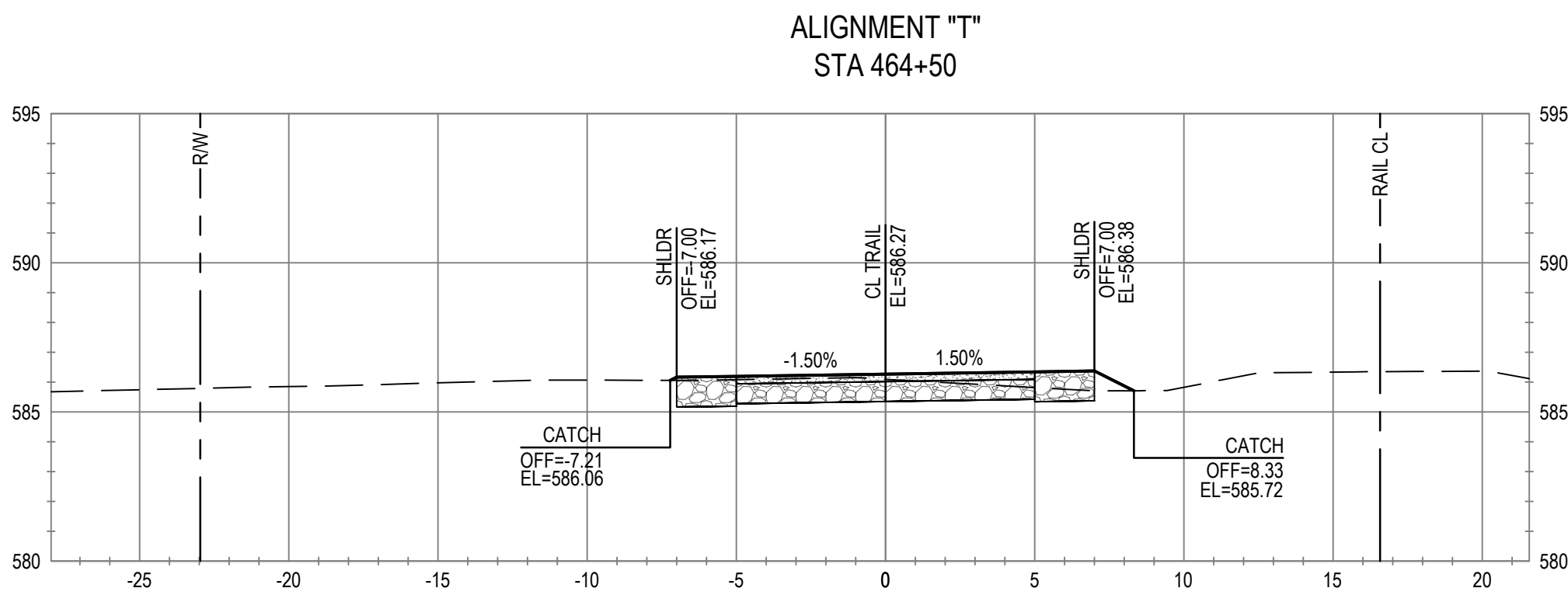
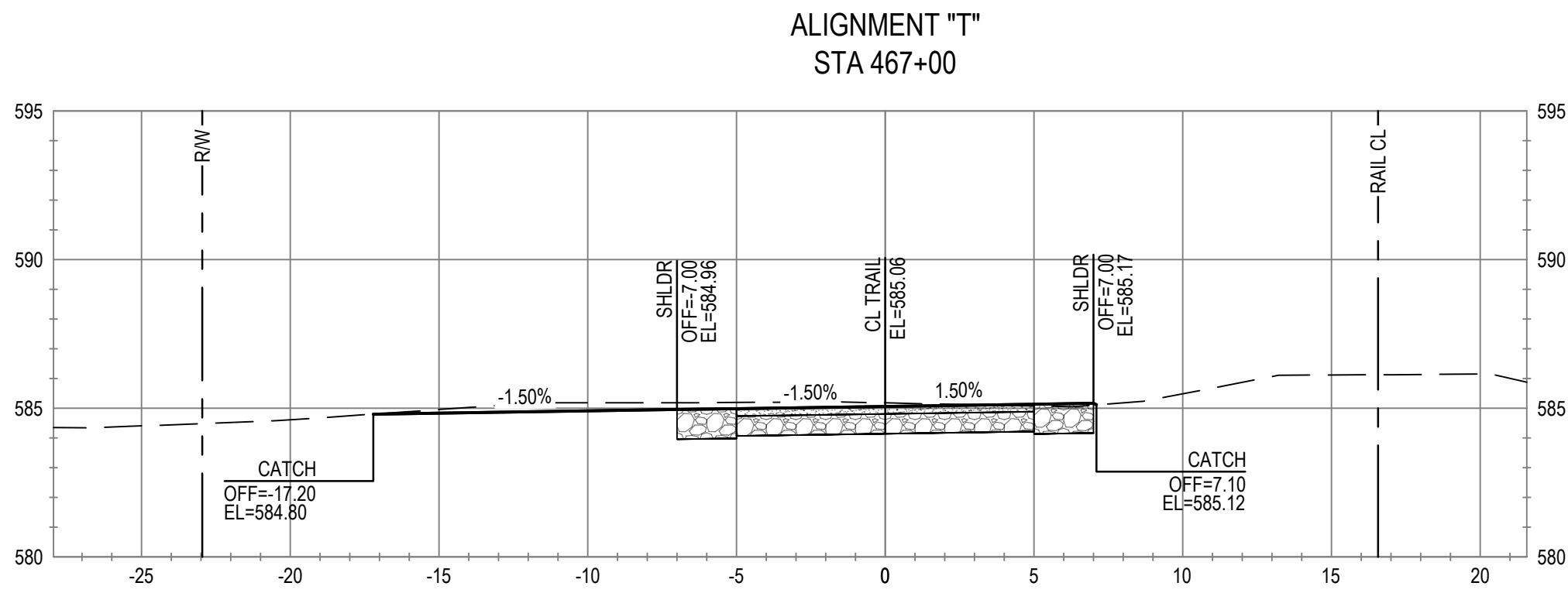
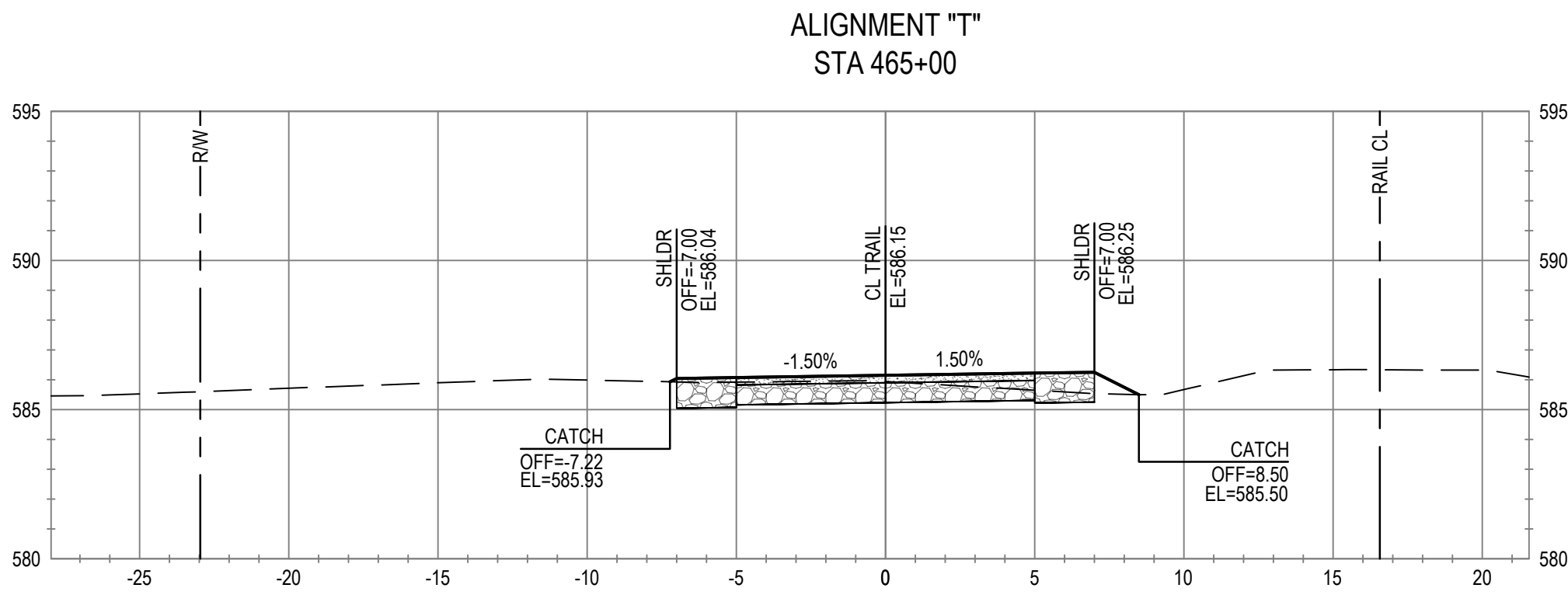
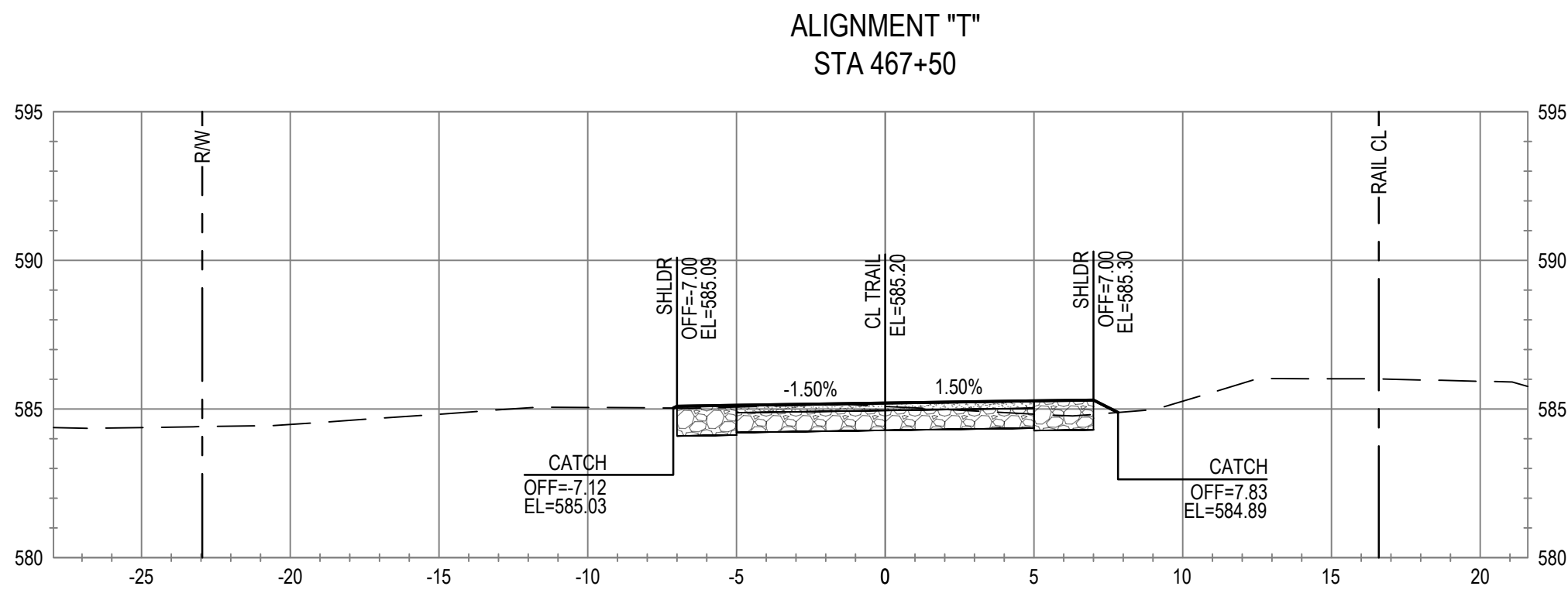
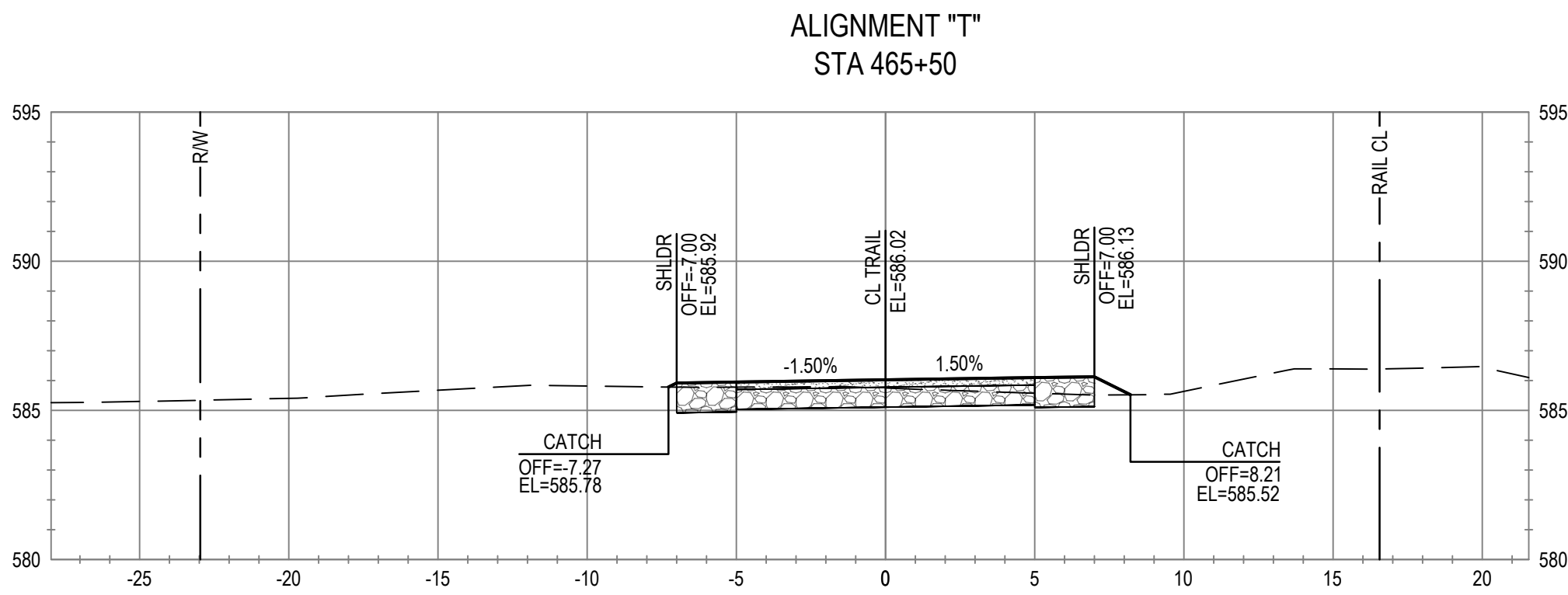
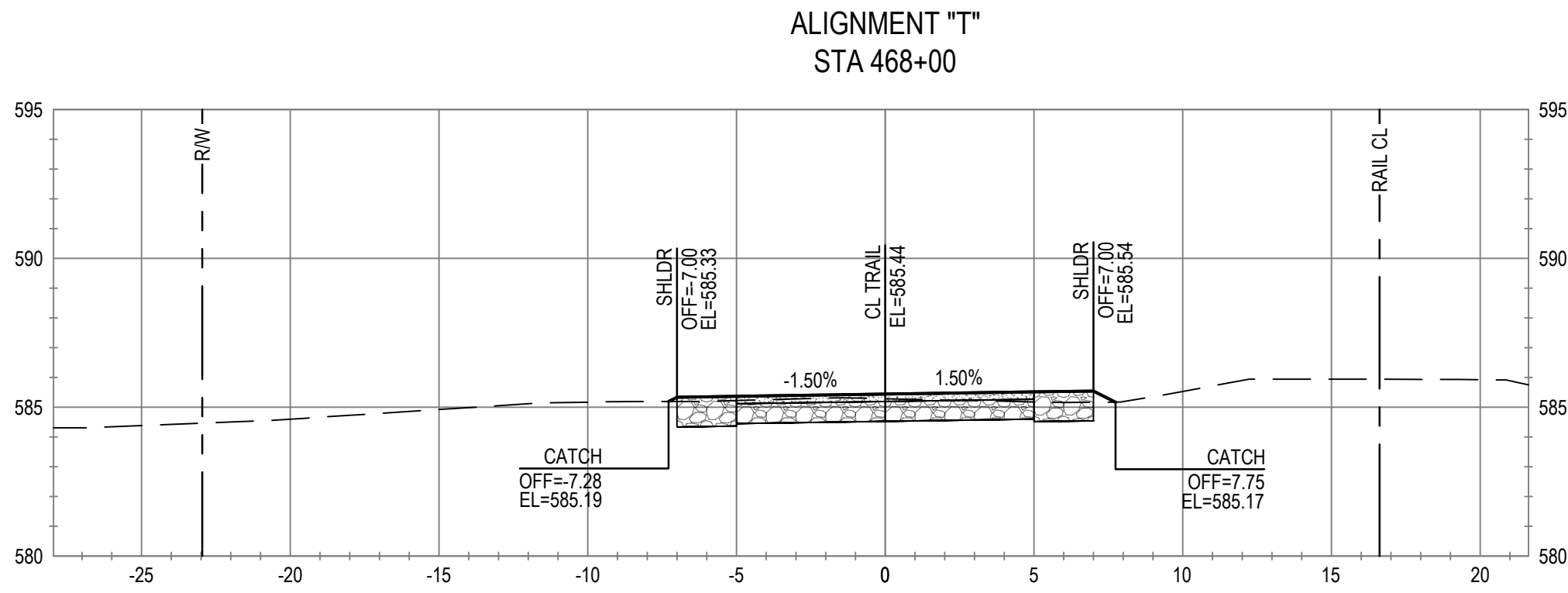
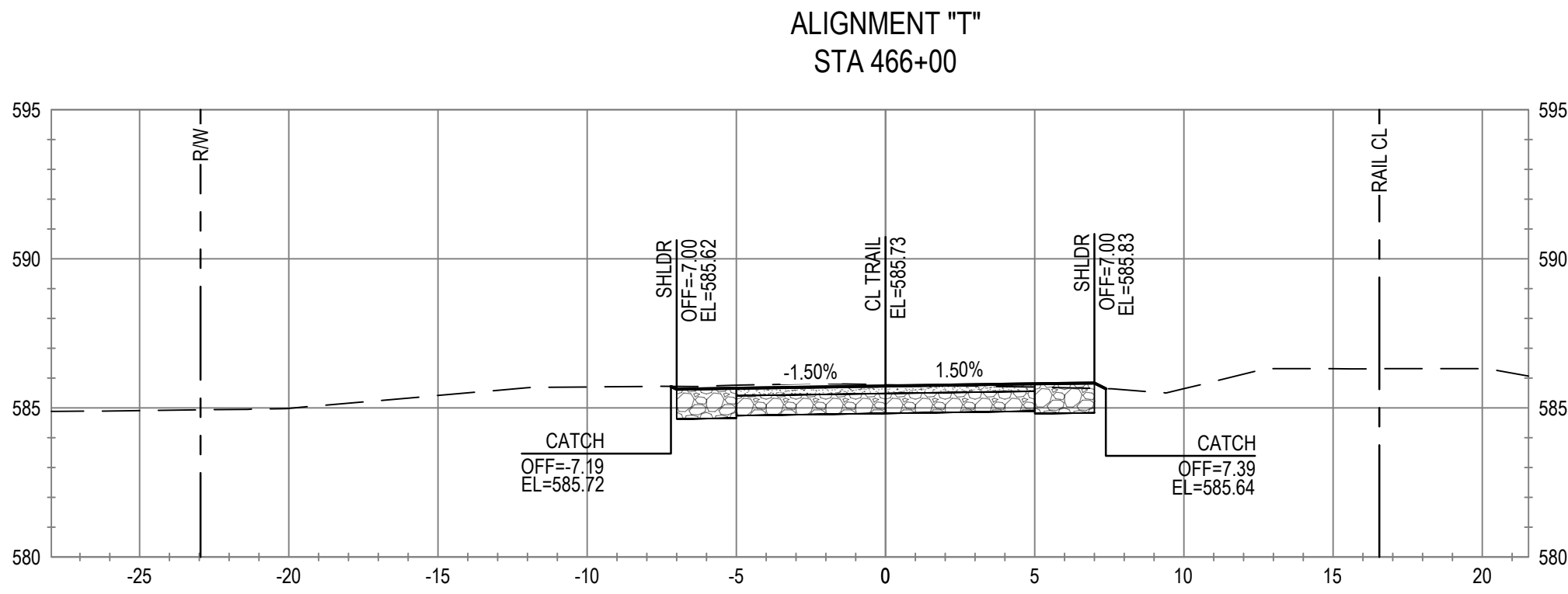
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Sheet No. C-816

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No.	Issue	Checked	Approved	Date
Author	C. PHELPS	Drafting Check	E. FANSELAU	
Designer	C. PHELPS	Design Check	E. FANSELAU	
		Project Manager	E. FANSELAU	
		Project Director	M. KENNEDY	

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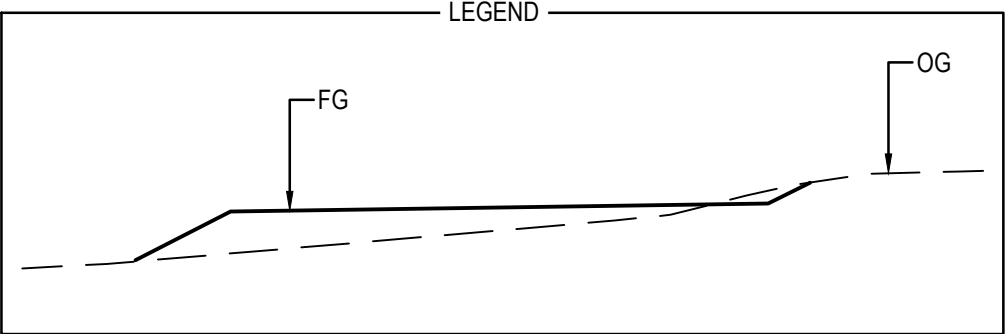
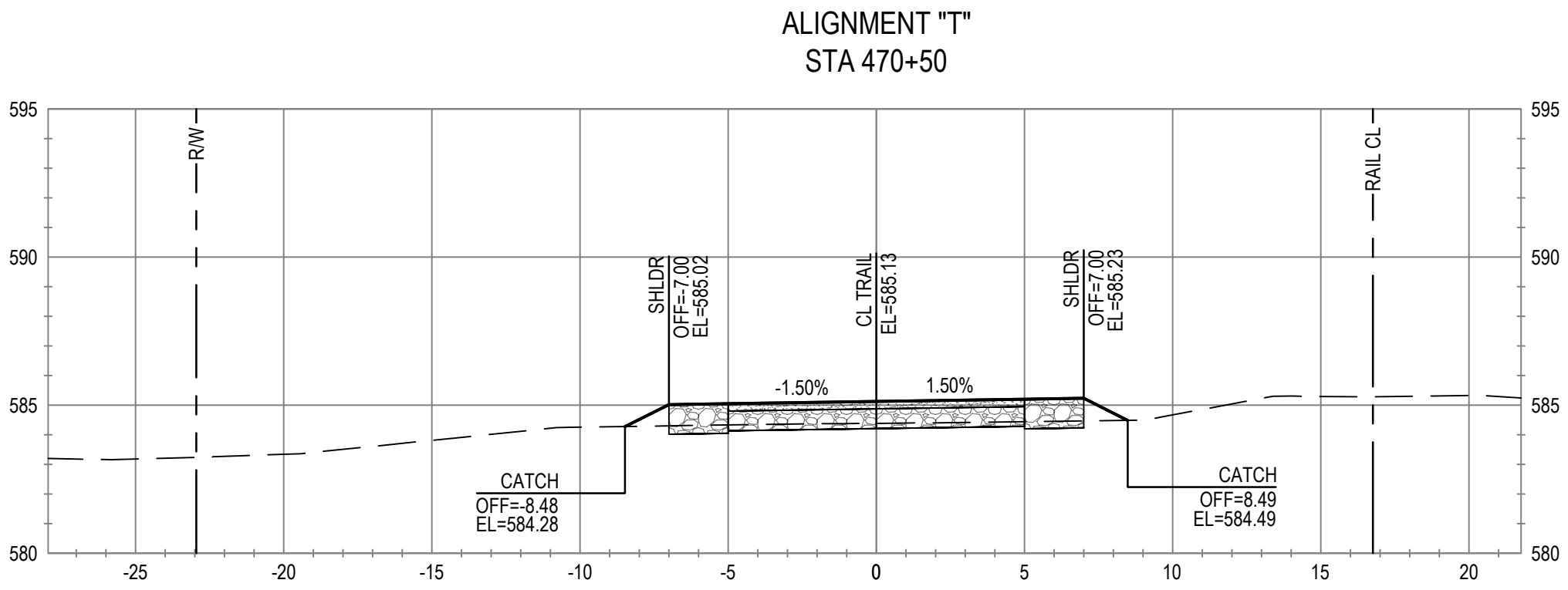
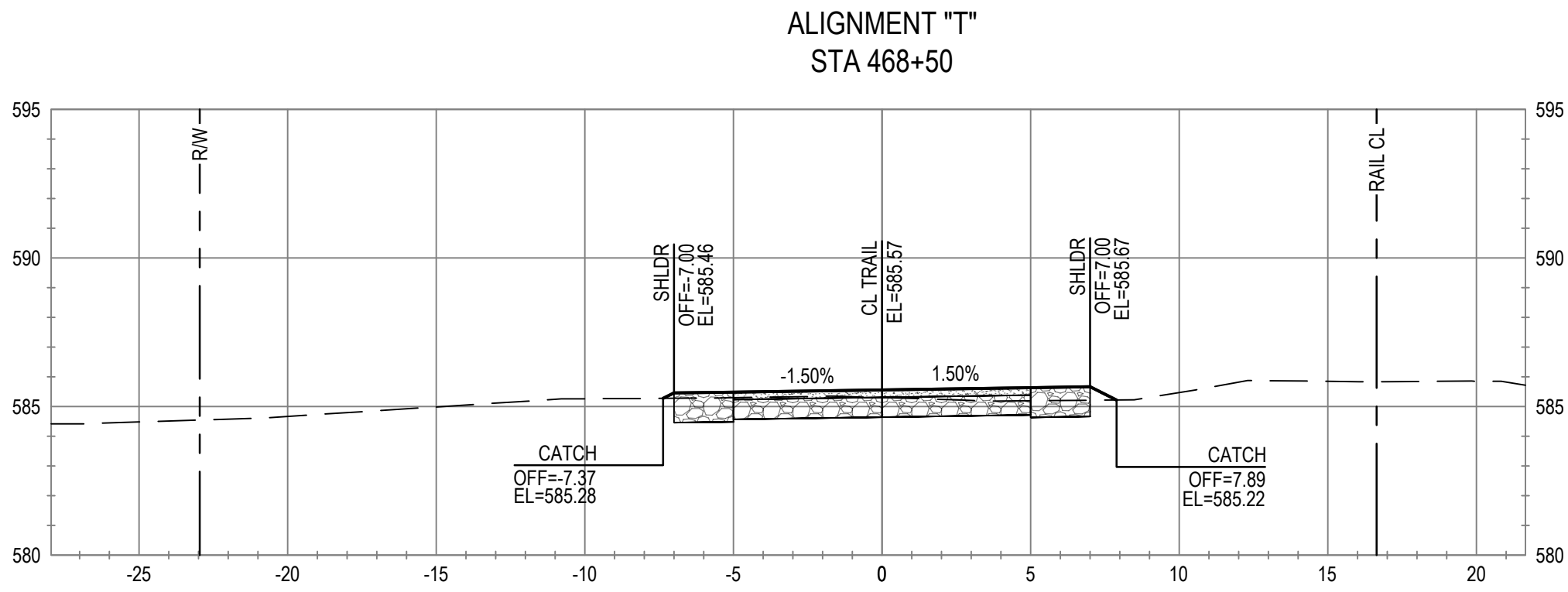
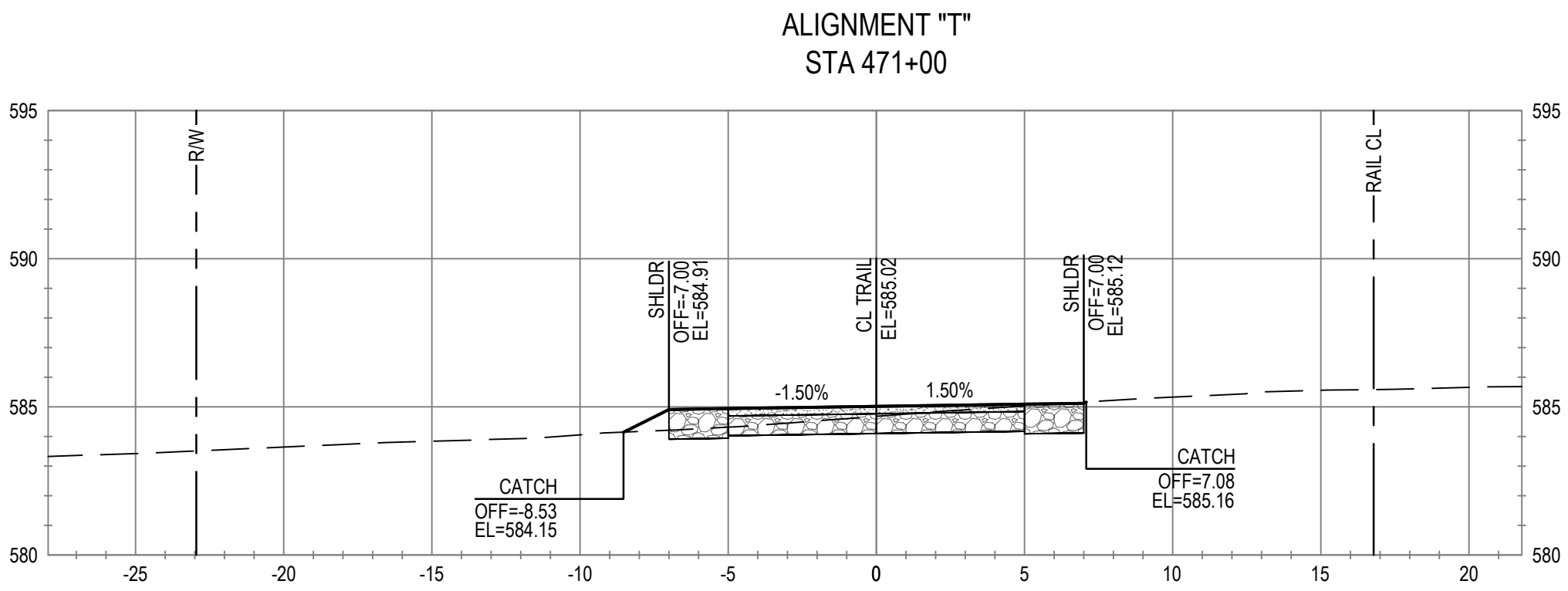
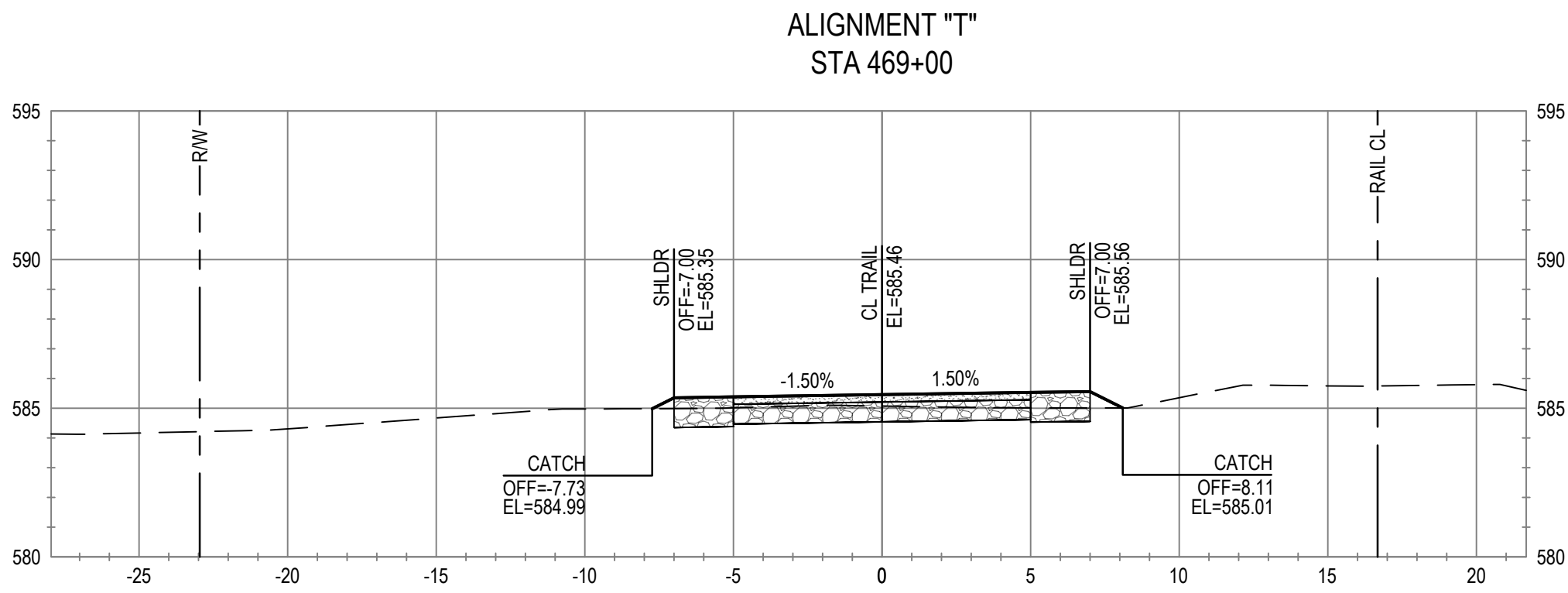
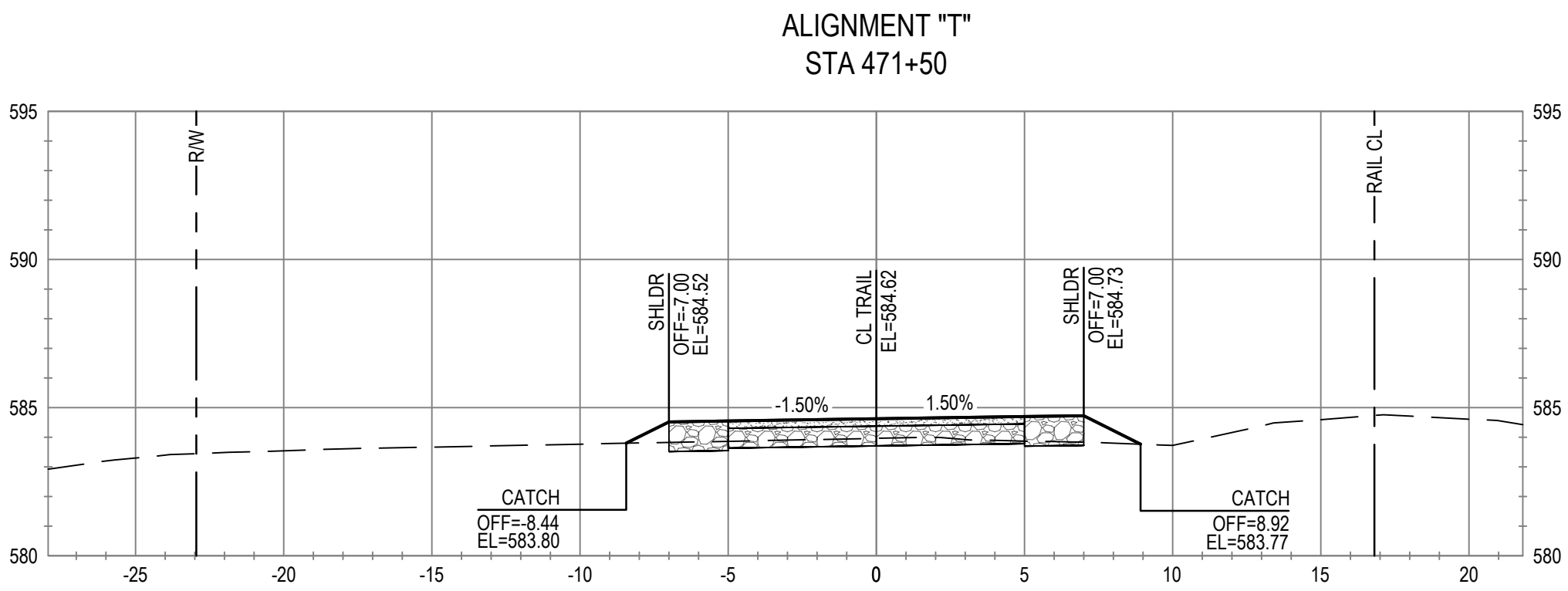
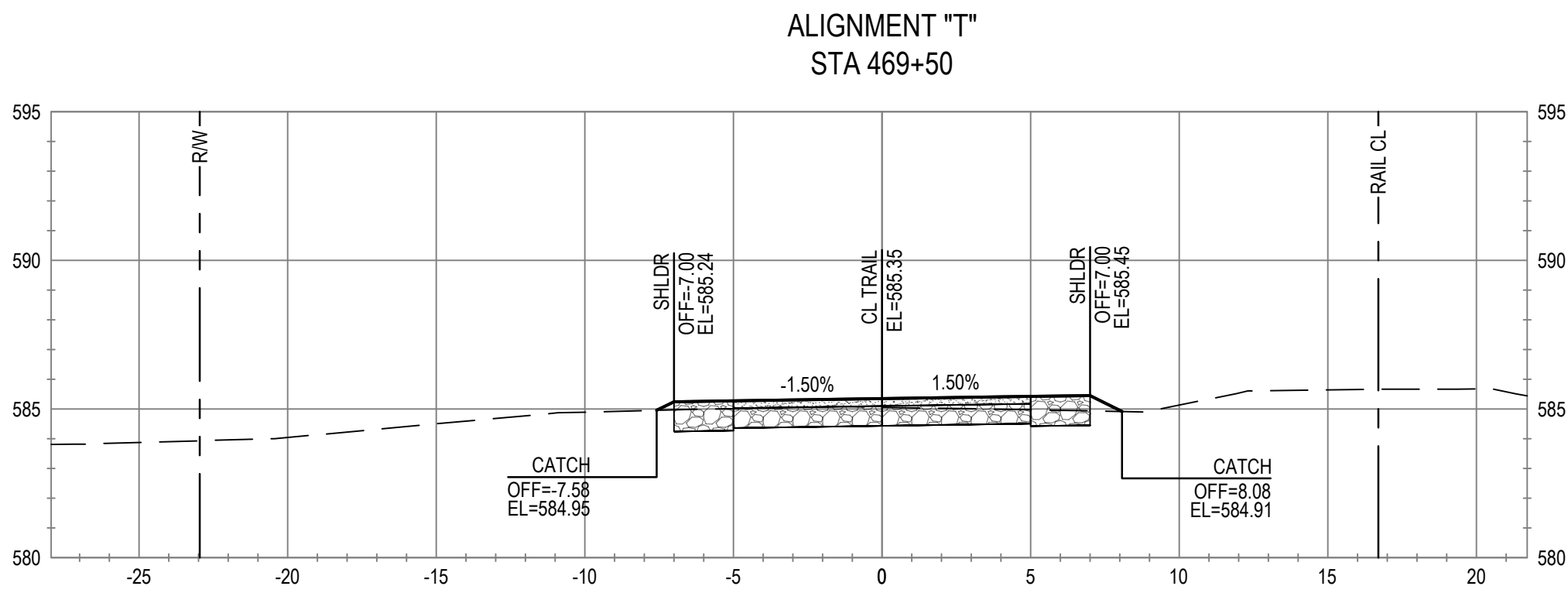
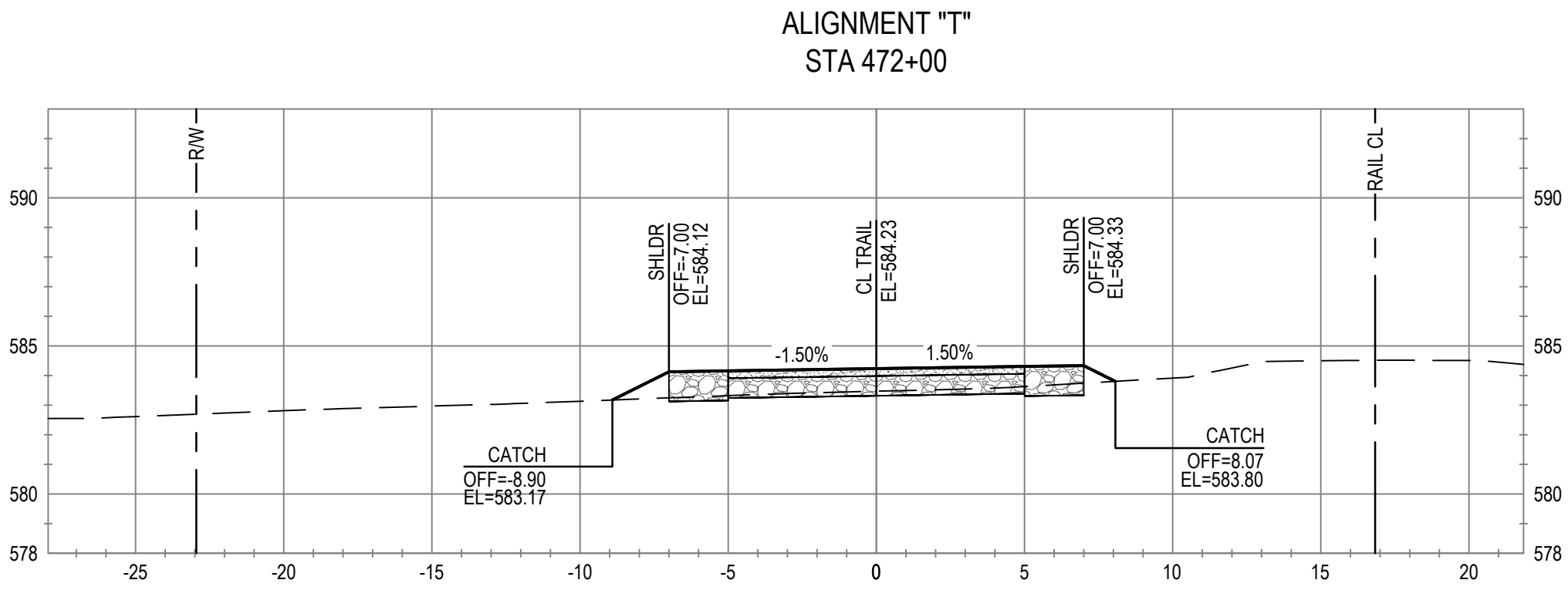
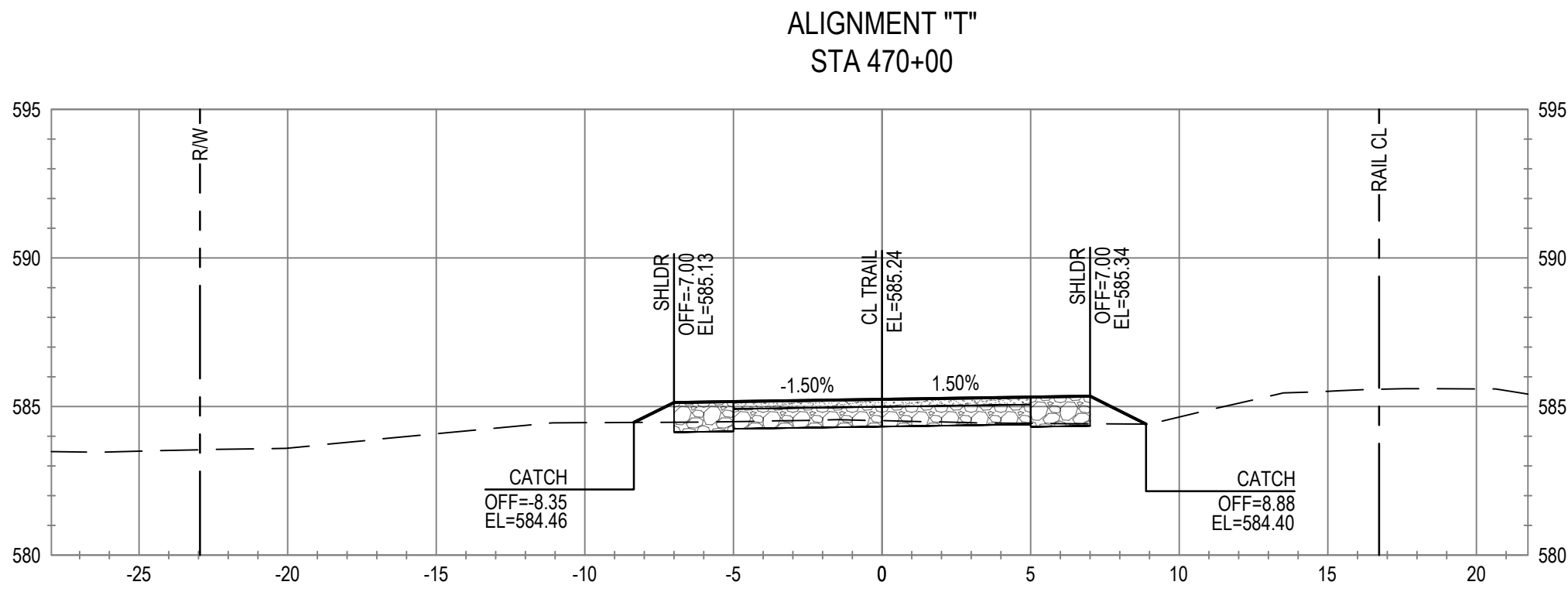
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No.	Issue	Checked	Approved	Date
Author	C. PHELPS	Drafting Check	E. FANSELAU	
Designer	C. PHELPS	Design Check	E. FANSELAU	
		Project Manager	E. FANSELAU	
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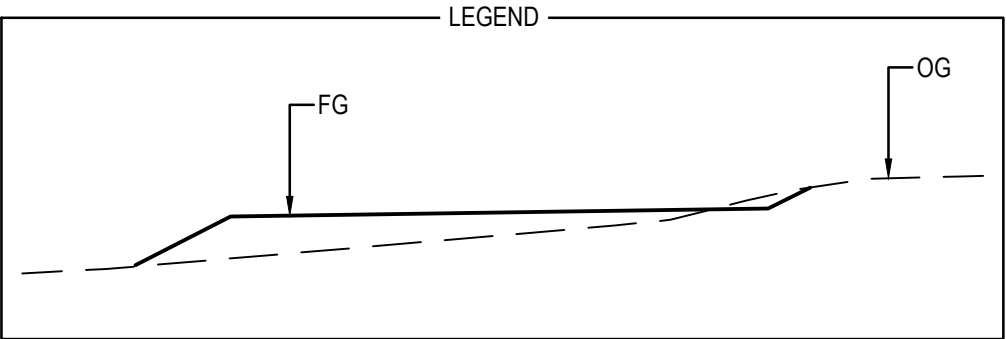
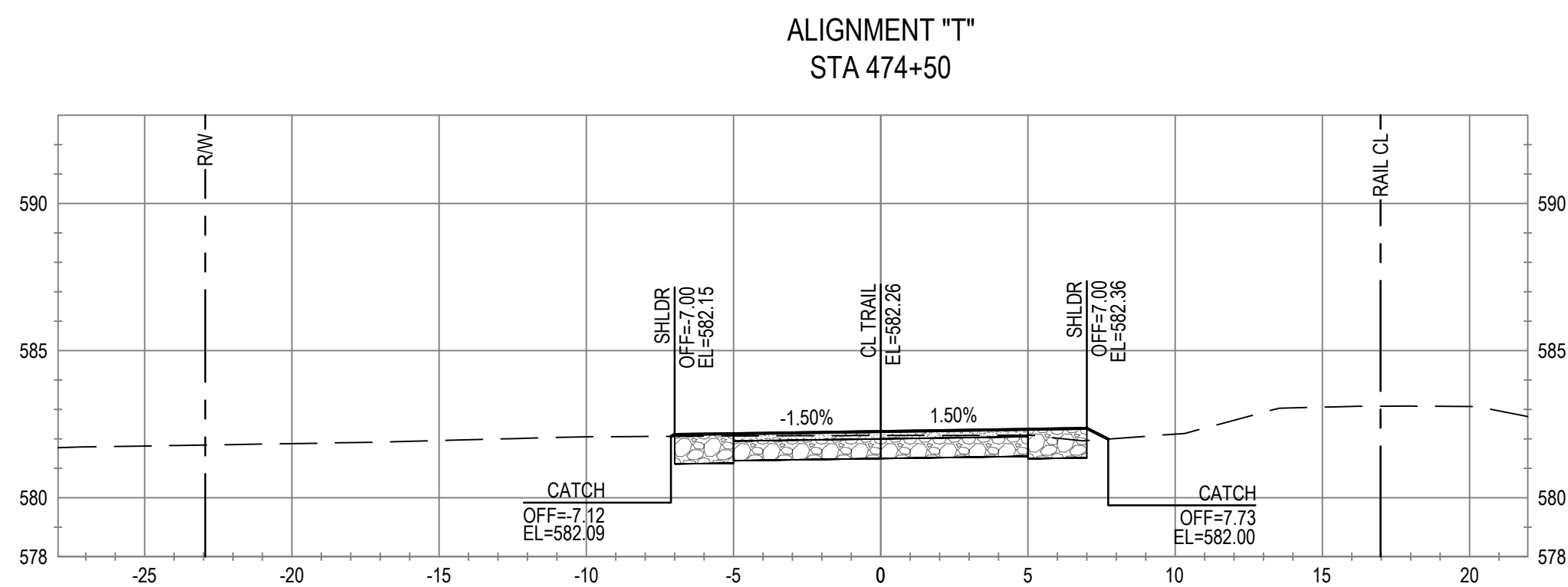
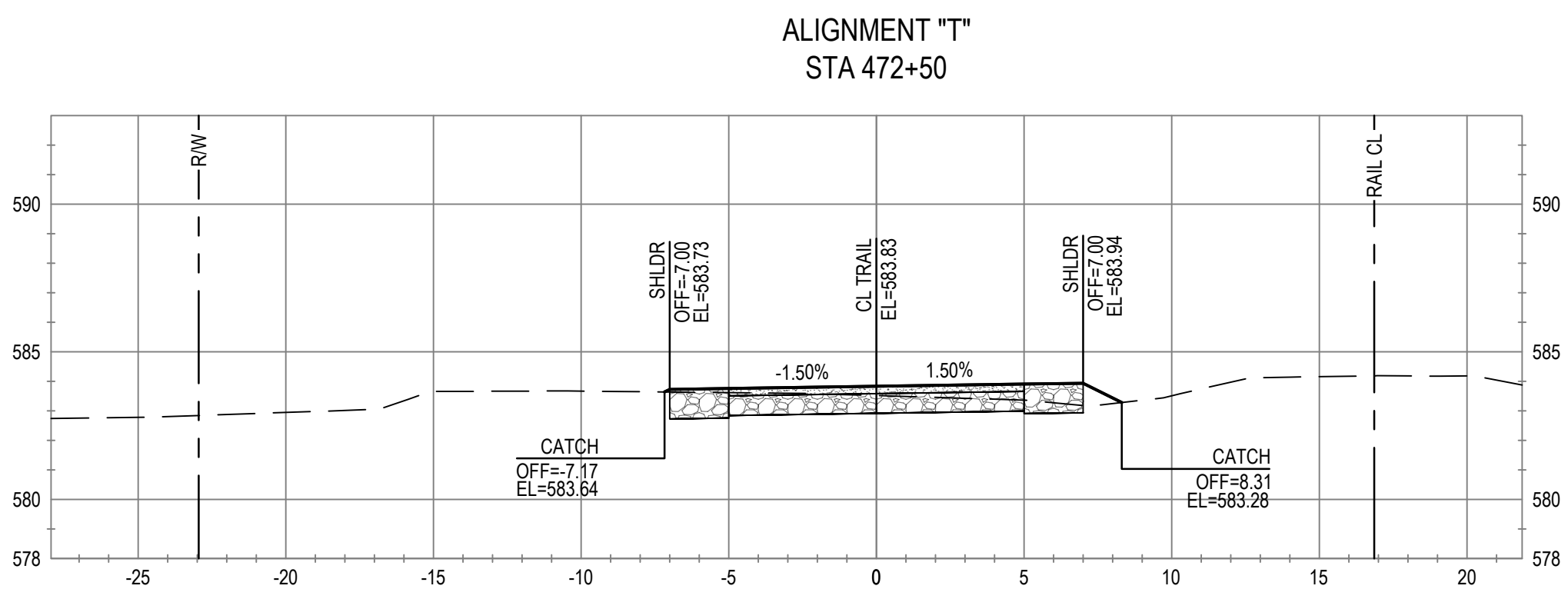
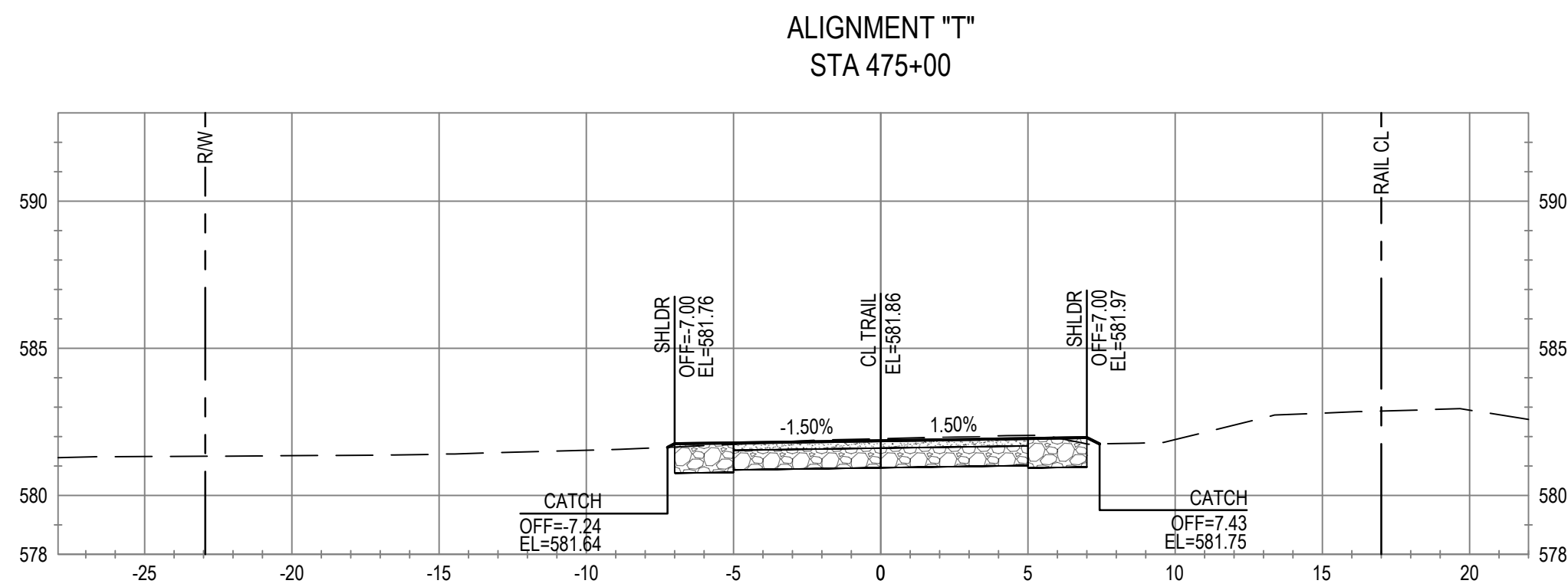
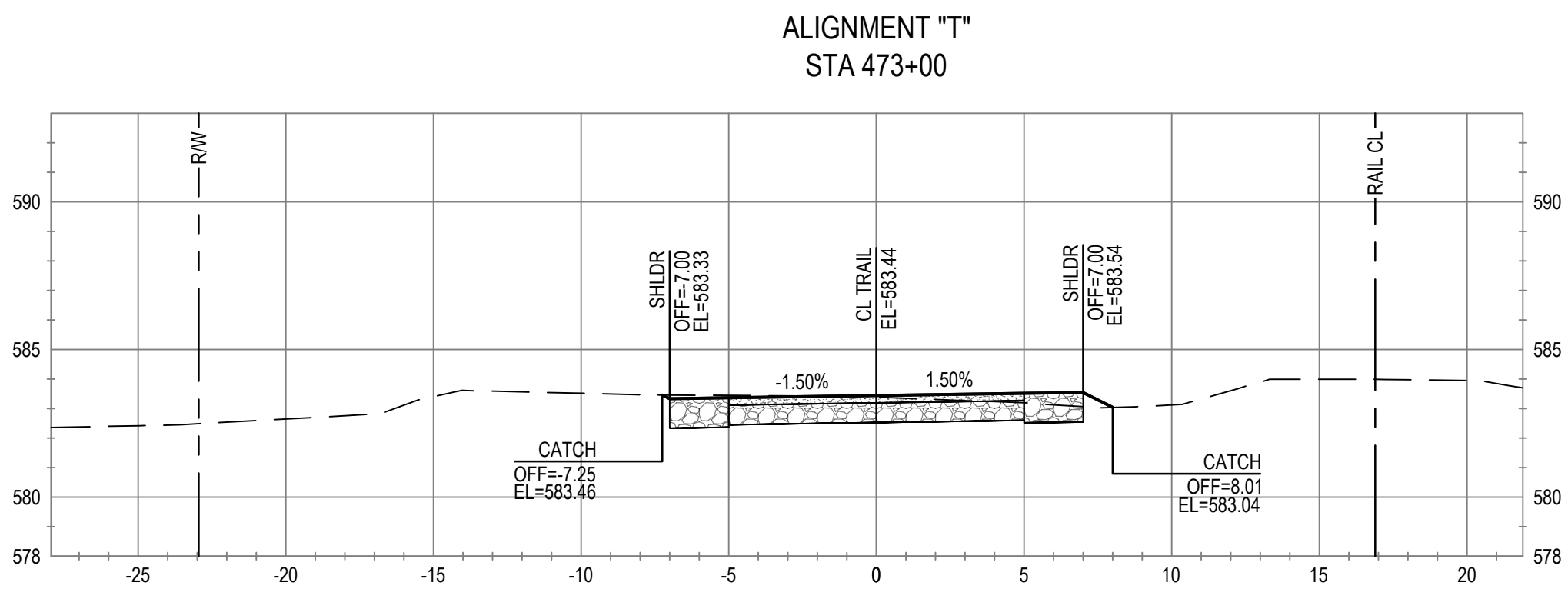
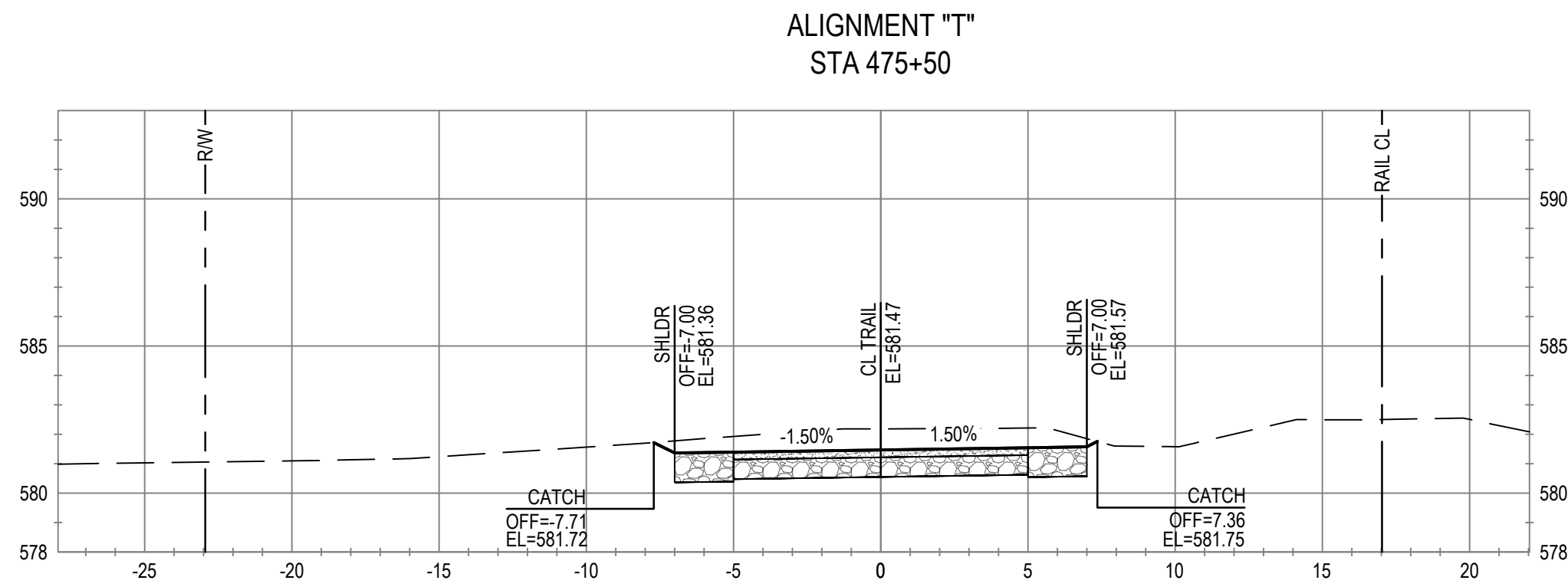
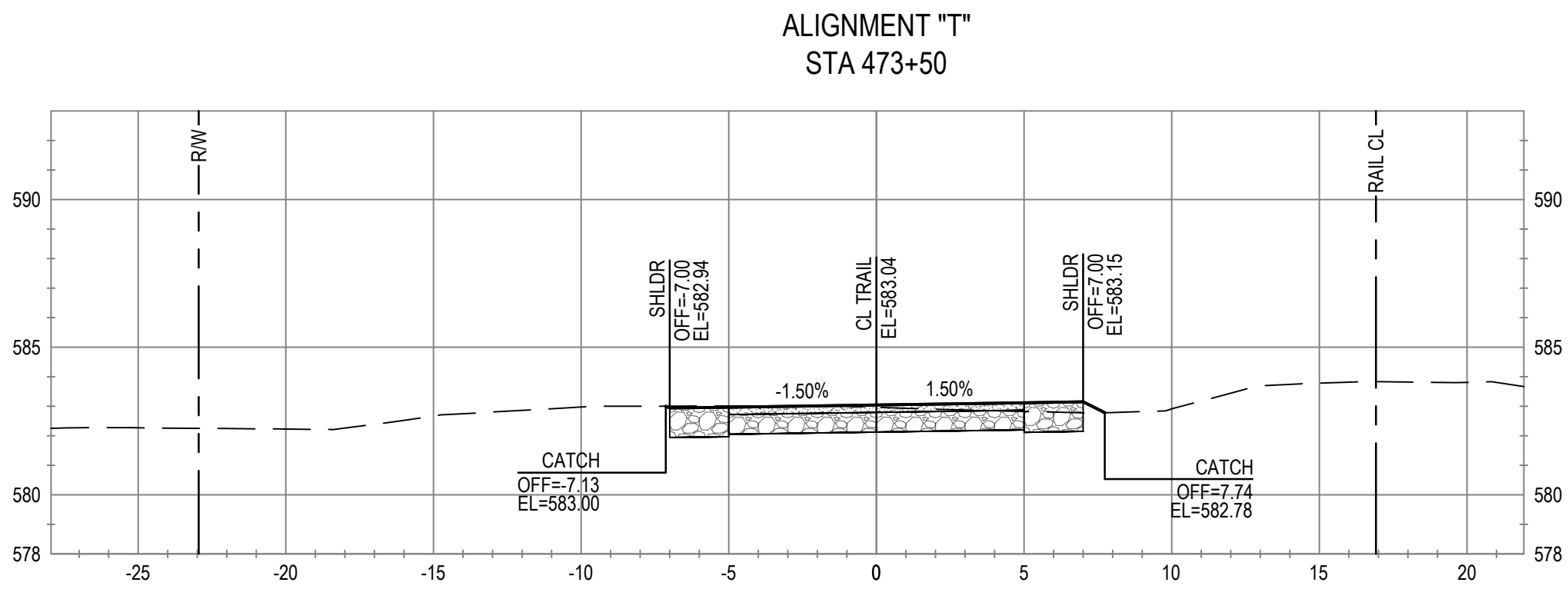
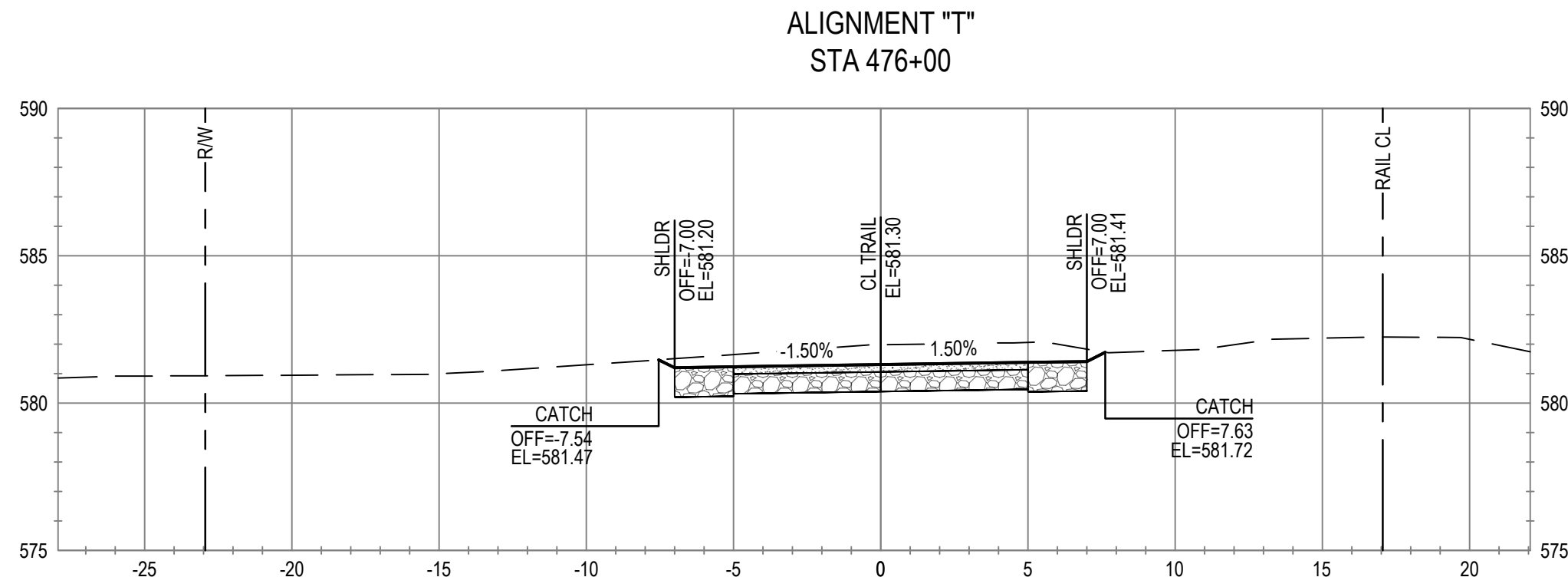
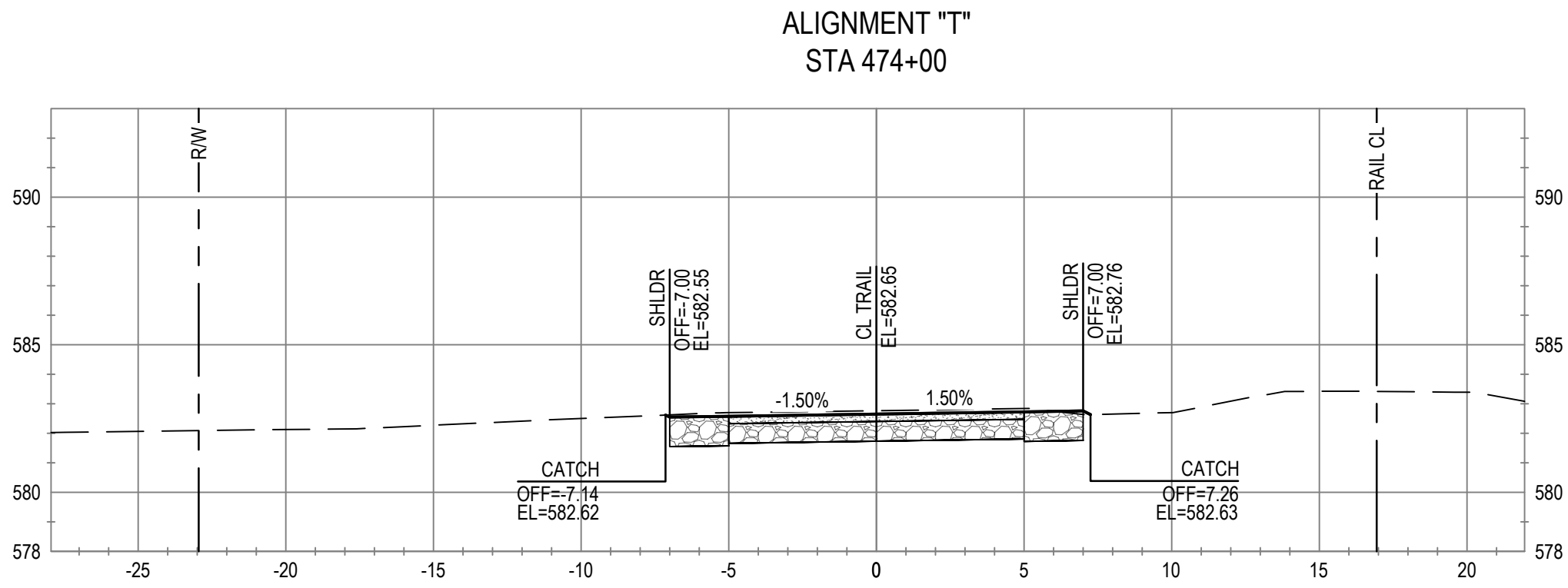
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No.	Issue	Checked	Approved	Date
Author	C. PHELPS	Drafting Check	E. FANSELAU	
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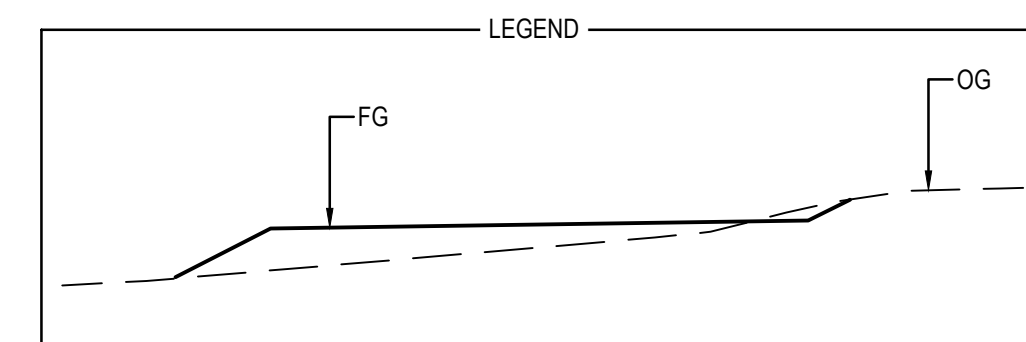
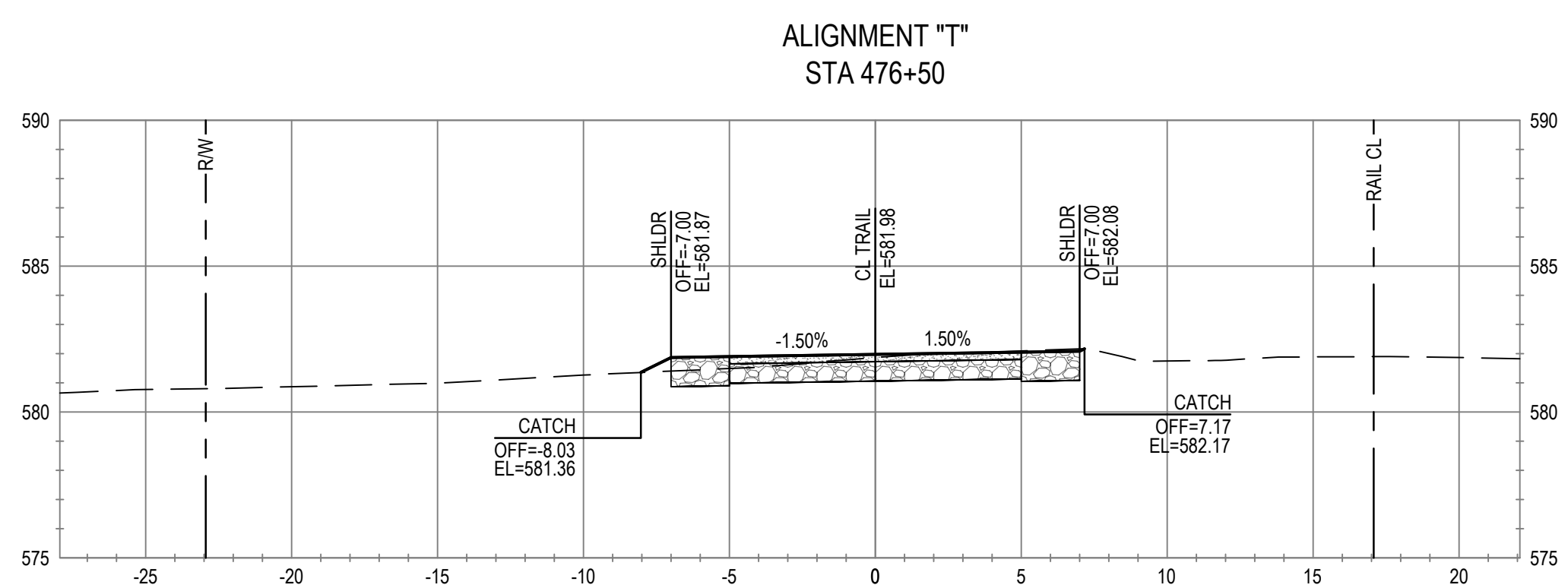
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Sheet **95 of 96**



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Author	C. PHELPS	Drafting Check	E. FANSELAU	Project Manager	E. FANSELAU
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Sheet No. **C-820** Sheet **96 of 96**



AGENDA SUMMARY REPORT

SUBJECT: Approve Plans and Specifications for the Fish Hatchery Supply Pump Replacement Project, Specification 23-04, and Direct Staff to Advertise for Bids.

DEPARTMENT: Electric Utility

PREPARED BY: Sonu Upadhyay, Senior Power Engineer

PRESENTER: Sonu Upadhyay, Sr Power Engineer

ATTACHMENTS:

1. Low Voltage Motors Fractional to 250 HP
2. Vertical Pumps
3. Mechanical Equipment Installation
4. Engineering Cost Estimate

Summary: Council will consider approving the plans and specifications for the Fish Hatchery Supply Pump Replacement project, Specification 23-04, and direct Staff to advertise for bids. This project includes replacing the existing pumps so that there is available redundancy during operation.

Background: Lake Mendocino Hydroelectric Plant (Plant) has been in operation since 1986 and provides up to 10% of the city's energy needs with clean, renewable energy. The plant has two (2) hydro-generation units, one (1) 1000 kW and one (1) 2500 kW unit. It is located adjacent to the Lake Mendocino Fish Hatchery. The Fish Hatchery is operated by the California Department of Fish and Game and provides a vital role in restoring steelhead populations to the Russian River. As a condition of the Plant's operation, the City is required to provide, operate, and maintain a water supply system as outlined in Article 35 of the Federal Energy Regulatory Commission (FERC) license. The Fish Hatchery operates between December and May, every year, and requires fifteen (15) CFS of water flow continuously. During normal operation, water for the Fish Hatchery is delivered through a 12" gravity-fed line. There are two (2) 60 hp pumps that serve as a backup to the gravity-fed supply line.

When the plant is in bypass mode due to flood control measures managed by the Army Corps of Engineers, electric pumps are used to serve the hatchery, and diesel pumps are brought in to serve as a backup. Historically, the cost for renting these backup pumps has been just under \$10,000 per month, per pump.

Discussion: During the recent flood control measures, the hatchery needed three (3) backup pumps to provide the required fifteen (15) CFS. To avoid significant time and cost expended to procure and install the diesel pumps, Staff is recommending upgrading the existing pumps to two (2) 120 hp pumps to ensure adequate flow and redundancy for the hatchery.

Upgrading the existing pumps will provide redundancy during operation. One pump will act as the primary pump and the other as a backup, thus eliminating the need for renting diesel pumps. This project is scheduled to take place during the months of June through November since the hatchery is not operational during that period.

These new pumps will require new motors, but the existing pumping platform and supports are to be used if acceptable. There is \$130,000 included in the engineer's estimate in the event the existing pumping platform and piping need modification. Plans and specifications for the Fish Hatchery Supply Pump Replacement project, Specification 23-04, are provided as Attachments 1-3.

The total estimated cost for this project, including the \$130,000 contingency mentioned above, is \$432,500 (Attachment 4). The project is budgeted in the FY23 Capital Improvement Project list. Staff recommends approval of plans and specifications for the Fish Hatchery Supply Pumps Replacement project.

Recommended Action: Approve Plans and Specifications for Fish Hatchery Supply Pump Replacement project, Specification 23-04, and Direct Staff to Advertise for Bids.

BUDGET AMENDMENT REQUIRED: Yes

CURRENT BUDGET AMOUNT: 80126100.80230.18037 \$260,000

PROPOSED BUDGET AMOUNT: 80126100.80230.18037: \$432,500

FINANCING SOURCE: Bond Proceeds

PREVIOUS CONTRACT/PURCHASE ORDER NO.: N/A

COORDINATED WITH: Cindy Sauers, Electric Utility Director; Mary Horger, Financial Services Manager.

DIVERSITY-EQUITY INITIATIVES (DEI):

CLIMATE INITIATIVES (CI): 4b – Maintain wild lands.

Approved: 
Sage Sangiacomo, City Manager

June 21, 2022

CITY OF UKIAH

Low Voltage Motors Fractional to 250 HP Specification ES-113

PROJECT NUMBER:
162992

PROJECT CONTACT:
Jason Marena

EMAIL:
JASON.MARENDA@POWERENG.COM

PHONE:
208-788-0305



*Low Voltage Motors Fractional to 250 HP
Specification ES-113*

PREPARED FOR: CITY OF UKIAH

PREPARED BY: M. STALLINGS

REVISION HISTORY				
DATE	REVISED BY	CHECKED BY	APPROVED BY	REVISION
3/19/21	M. Stallings	J. Wiley	J. Marenda	A- Issued For Review
6/21/22	K. Witherspoon	J. Wiley	J. Marenda	0 – Issued For Bid

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TABLES:

TABLE 1	PROJECT REQUIREMENTS
TABLE 2	TECHNICAL DATA SUPPLIED BY SELLER

REFERENCE DOCUMENTS:

MS-002	VERTICAL PUMP SPECIFICATION
MS-003	MECHANICAL INSTALLATION SPECIFICATION

1 SCOPE

This Specification covers requirements for the design, manufacture, shop testing, packaging, and delivery of low voltage motors rated up to and including 250 Horsepower.

2 GENERAL REQUIREMENTS

2.1 Work to be Provided by Seller

Seller shall furnish all labor, materials, tools and equipment for the completion of the following Work as shown on the Contract Drawings and specified herein:

2.1.1 Design, manufacture, and shop test all motors.

2.1.2 Furnish all documentation.

2.2 Applicable Publications

The latest edition and addenda of the following publications in effect on the date of January 31, 2019 are a part of this Specification and, where referred to by title or basic designation only, are applicable to the extent indicated by the specific reference:

American Bearing Manufacturers Association (ABMA)

ABMA 9 Load Ratings and Fatigue Life for Ball Bearings

ABMA 11 Load Ratings and Fatigue Life for Roller Bearings

National Electrical Manufacturers Association (NEMA)

MG 1 Motors and Generators

MG 2 Safety Standard for Construction and Guide for Selection, Installation and Use of Electric Motors and Generators

National Fire Protection Association (NFPA)

70 (ANSI C1) National Electrical Code

3 DETAILED REQUIREMENTS

3.1 Design and Service Conditions

Each motor shall be designed for the service conditions specified in TABLE 1, "PROJECT REQUIREMENTS", hereinafter referred to as TABLE 1, and in accordance with the requirements hereinafter described.

In general, electrical motors will be supplied with the driven equipment and will be premium efficiency grade motor.

In sizing motors, no portion of a motor's service factor above 1.0 shall be used in normal

continuous operation of the motor.

Voltage, phase, and frequency shall be as listed in TABLE 1.

AC motors 1/3 HP in size and larger shall be of the squirrel-cage induction type rated for full-voltage starting on the 3-phase power source specified in TABLE 1.

AC motors smaller than 1/3 HP in size shall be of the capacitor-start induction-run type rated for operation on the single-phase power source specified in TABLE 1.

DC motors shall have winding types as required by Seller's standard design for the application, and be suitable for operation on the dc power source specified in TABLE 1.

DC motors rated for 220 volts shall have a maximum terminal voltage of 280 volts. Minimum operating voltage for 220V motor shall not be less than 184V.

All motors shall be in accordance with NEMA MG 1 and MG 2.

Motors will be sized to at least a 10% capacity margin above that of the rated horsepower requirement of the driven equipment.

3.1.1 Temperature Rise

Motor operating temperatures shall be based on temperature rise measured by the resistance method. The maximum temperature rise for insulated windings of motors when operated at rated load under rated operating conditions shall not exceed the NEMA MG 1 values for Class B insulation, regardless of the insulation used.

3.1.2 Motor Torques

All motors shall have torque characteristics suitable for the driven load, and shall be able to start fully loaded and to accelerate their connected loads to rated speed with only the minimum percent of motor rated voltage at the terminals specified in TABLE 1.

3.1.3 Safe Stall Time

All motors shall have a safe stall time equal to or greater than the maximum accelerating time under the minimum starting voltage conditions specified.

3.1.4 Starting Current

Starting current at full voltage shall not exceed 650 percent of the motor full load current for all alternating current motors. DC motors shall be rated for use with starters that limit the starting current to a maximum of 400 percent of motor rated full load current.

3.1.5 Coordination with Driven Equipment

Seller shall be responsible for fully coordinating the design and construction of the motors with the mounting arrangement, alignment, connection, end play, direction of rotation, vibration and other applicable requirements of the driven equipment. The motor performance shall be coordinated with the required performance of the driven equipment.

3.2 Materials

All materials shall be new and shall be selected by Seller to perform under the operating and environmental conditions specified herein.

3.3 Construction Features

3.3.1 Enclosures

Enclosures shall be of the type specified in TABLE 1.

Screens, when used for ventilation openings, shall be corrosion resistant and shall be removable to permit convenient access for inspection or cleaning of the motor windings and for checking of air gap clearances.

3.3.2 Insulation

The class of insulation shall be as specified in TABLE 1.

Insulation shall have treatment to assure protection against moderate amounts of moisture, light acid conditions, and conducting dust.

3.3.3 Bearings and Lubricating Systems

Antifriction bearings shall be provided in accordance with Seller's standard design for the motor application.

Antifriction bearings shall be designed to minimize likelihood of over-lubricating, shall be sealed against the entry of dust and escape of lubricant, and provided with means for flushing old lubricant and introducing new lubricant. Minimum rating life, in accordance with ANSI B3.15 and B3.16, shall be 15 years.

If Seller's motor design requires pressure-lubricated bearings, then all components of the lubrication system shall be furnished complete. The lubrication system shall be such that the motor can be successfully started and run for at least 20 minutes without the pressure lubrication system in operation and without bearing damage.

Bearing lubricant shall be rated for the ambient temperature specified in TABLE 1, under 3.1.

3.3.4 Vibration

All motors shall be balanced in accordance with NEMA MG 1.

3.3.5 Terminal Boxes

Terminal or conduit boxes shall be furnished for each motor. For motors 50HP and above, size of the terminal box shall be the next larger size than standard for the motor to be furnished. All motor terminal boxes shall have a pre-installed threaded knock out to accommodate the Motor feeders.

For all motors larger than one horsepower, the terminal boxes shall be of the split type capable of being rotated through 360 degrees in 90 degree increments without exceeding the motor outline.

Terminal boxes for the main power leads for all motors shall be on the right side of motor when viewed from non-coupling end unless otherwise specified.

3.3.6 Terminal Connectors

Seller shall furnish terminal connectors for the internal motor leads.

3.3.7 Space Heaters

Motors 50 HP and above, NEMA frame size 180 and larger, or when specified in TABLE 1, shall be provided with space heaters rated 115 volts, single phase, sized to maintain motor internal temperature above the dew point when motor is at rest. Space heater leads shall be terminated in a terminal box separate from that for the main motor leads or other accessory devices. The space heater shall be located to facilitate removal and replacement. Size of individual space heater elements shall be limited to 1800 watts. If more than 1800 watts of heating power are required, the number of heating elements to be provided shall be commensurate with the power required, and all leads shall be brought to the space heater terminal box to permit multiple phase connections by Buyer.

3.3.8 Mounting and Doweling

Horizontal motors shall be of the foot mounted type; vertical motors shall be of the flange-mounted type.

3.3.9 Grounding

Each motor shall have a threaded hole in the motor frame with either a bronze bolt and lock washer or a bronze post-type connector for connection to an external ground conductor. The hole shall be for a 1/2 inch bolt or post-type connector, except for motors of 100 HP or less where the size of the bolt or post-type connector may be 3/8 inch. The hole in the motor frame shall be threaded to a depth not less than 1-1/2 times the diameter of the hole to ensure a firm connection. If necessary, a metal pad shall be bonded to the motor frame to provide this depth for the threaded hole. The grounding means shall be located on the same side of the motor as the main lead terminal box.

3.3.10 Nameplates

A stainless steel nameplate shall be attached to each tank in a clearly visible, easily accessible location. The nameplates shall be stamped with information required by applicable code(s).

The tag shall include the connection diagram for all dual-voltage or multi speed motors and the starting duty and list ABMA bearing identification number for motors furnished with rolling element bearings.

The nameplate shall be stamped with the following information, as a minimum:

Manufacturer's name
Manufacturer's model number
Manufacturer's shop order number
Manufacturer's serial number
Project Identification Number
Buyer's equipment tag number
Service factor
Type of Equipment

A stainless steel identification tag shall be mounted on each separately shipped valve in a conspicuous place which shall be shown on the valve assembly drawing submitted. The mounting shall not adversely affect the strength of the item to which the tag is attached. The information shown on the tag shall include the size of the valve, ANSI rating, manufacturer's name, manufacturer's serial number, body and trim material, and Buyer's tag number.

All instruments and control devices shall be properly tagged with Buyer's tag numbers prior to shipment.

3.3.11 Drain Holes

Totally enclosed motors shall have drain holes with removable plugs located so that water resulting from condensation or other causes can be drained from all pockets in the motor enclosures. All other motors shall have drain openings to prevent accumulation of water in the motor.

3.3.12 Lifting Means

Motors weighing more than 50 pounds shall be provided with eye bolts for use in lifting the motor without disassembly. If vertical motors are provided the lifting eye bolts shall be provided at 180°.

3.3.13 VFD Duty

Motors must be suitable for VFD inverter duty application when variable speed drives are specified in the driven equipment specification.

3.4 Cleaning and Painting

3.4.1 Internal Surfaces

All internal surfaces shall be free of gross contaminants such as heavy deposits of mill or heat treating scale, oil, oxide films, slag, flux, weld splatter, dirt, metal chips, and abrasive particles. Achievement of this criterion shall be determined by visual inspection.

Seller's cleaning plan shall assure that cleaning materials do not adversely affect the surface or base metal in the cleaning, manufacturing, or operational environments and that once established the cleanness level will be maintained during subsequent manufacturing, shipping, and storing.

Mechanical, solvent, or chemical methods may be used subject to the following restrictions.

Abrasive blasting shall not be used on surfaces containing areas where grit can accumulate and not be readily removed by subsequent cleaning, rinsing, or flushing.

Acid cleaning or pickling shall not be used where other cleaning methods are sufficient. Nitric-hydrofluoric acid shall not be used on austenitic stainless steel or other alloy surfaces which may be sensitized after welding.

Chlorinated cleaning materials shall not be used on stainless steel or nickel base alloy surfaces. Only alkaline cleaners and water shall be used on ferrous and nickel base alloy surfaces containing areas in which cleaning materials may collect and not be removed by subsequent cleaning, rinsing, or flushing.

3.4.2 External Surfaces

External surfaces shall be smooth and free of gross contaminants such as heavy scale, rust, sand, blisters, weld splatter, metal chips, and heavy deposits of oil or grease.

External surfaces, with the exception of machine finished surfaces and edges prepared for field welding for a distance of 1-1/2 inches from the welding edge, shall be given a shop coat of corrosion resistant paint capable of withstanding temperatures to the design temperature plus 50 degrees Fahrenheit without loss of its protective integrity.

All edges prepared for field welding shall be protected against corrosion during shipment, storage, and installation with the application of one (1) coat of a rust inhibiting coating (Deoxaluminite or equal).

Machine finished surfaces shall be protected against corrosion during shipment, storage, and installation with the application of one (1) coat of water soluble, rust inhibiting coating.

3.5 Packaging, Shipping and Storage

All equipment and accessories shall be adequately prepared and packed to protect against damage during shipping, receiving, handling, and for a period of outdoor storage. Seller shall identify in writing all special storage and preventive maintenance requirements to be applied after the receipt of the equipment at the construction site.

Whenever size permits, the equipment and any accessories shall be packed securely in weatherproof crates. If the equipment or any component is too large for packing in a crate, it shall be placed on skids and protected with an overwrap.

Overwrap material shall be moisture proof, heat sealable, and strong enough to resist tearing, shredding, and piercing.

In order to prevent damage during shipments, Seller shall carefully pack and brace all

components either within shipping container or on carrier. Containers shall be identified with Purchase Order (PO) number, Buyer's name, and destination address. Each container shall include a Bill of Materials. Weight lift points or the center of gravity shall be marked on the crate or skid to facilitate handling.

Prior to shipment, equipment shall be completely drained. When such drainage requires the removal of plugs, drain valves, etc., Seller shall be responsible that these parts are reinstated or reassembled prior to shipment.

Equipment shall be adequately supported for shipment. All loose parts shall be crated and/or boxed for shipment. Each box shall be appropriately marked for identification purposes. Weight-lift points or the center of gravity shall be marked on the crate or skid to facilitate handling.

All motor leads and other motor entrances to internal wiring shall be effectively protected or sealed, to prevent entrance of moisture, dust, and dirt. The shaft extension shall be protected to prevent damage during shipment.

Metal straps, fasteners or covers shall not be tack welded to any manufactured part.

To facilitate rapid installation and reduce field erection time and site congestion, all equipment shall be shop assembled to the maximum extent practicable before shipment to site.

4 INSTALLATION

Motors forming an integral part of pre-packaged equipment shall be installed in accordance with NEMA MG 2 and NFPA 70.

Seller shall furnish technical assistance for field installation.

5 TESTING

5.1 Shop Tests

Seller shall conduct shop tests on all assembled motors in accordance with the requirements of NEMA MG 1-12.51 and NEMA MG 1-20.46. Seller shall provide certified test reports covering the shop tests conducted.

5.2 Field Tests

Field tests will be performed by Buyer upon each motor after installation for the purpose of verifying that the overall performance of the equipment complies with Specification requirements.

6 INFORMATION TO BE SUBMITTED BY SELLER

Seller shall complete and submit the attached TABLE 2, "TECHNICAL DATA SUPPLIED BY SELLER".

Seller shall provide sufficient information to define the equipment being provided.

TABLE 1
PROJECT REQUIREMENTS

Sheet 1 of 1

Spec Para	Item	
3.1	Driven Equipment	2 x 100% Vertical Pumps
	Tag Number	
	Power Source, 3 Phase, Volts/Hertz	480/60
	Motor Rated Voltage, 3 Phase V/Hertz	460/60
	Power Source, 1 Phase, Volts/Hertz	120/60
	Power Source, DC Volts	125
	Location, Indoors or Outdoors	Outdoors
	Ambient Temp, Max °F	See Specification MS-002 – Vertical Pumps
	Altitude, Feet Above Sea Level	See Specification MS-002 – Vertical Pumps
	Service Factor	1.15
	Minimum Power Factor	0.85
3.1.2	Percent Starting Voltage	80% to 110% of rated voltage
3.3.1	Enclosure Type	TEFC
3.3.2	Insulation Class	F
3.3.3	Temperature Rise	80°C Max
3.3.7	Space Heaters Required	Yes: for motors 50 HP and greater or NEMA frame size 180 and larger
Legend: NA = Not Applicable X = Required Enclosure Types: DP = Open-Drip-Proof EP = Totally Enclosed, Explosion Proof WPI = Weather Protected NEMA Type I WP II = Weather Protected NEMA Type II TEFC = Totally Enclosed, Fan Cooled TENV = Totally Enclosed, Non-Ventilated TEAO = Totally Enclosed, Air Over		

TABLE 2

TECHNICAL DATA SUPPLIED BY SELLER

Sheet 1 of 6

I. GENERAL DATA

- | | | |
|----|-----------------------------|-------|
| 1. | Quantity | _____ |
| 2. | Manufacturer | _____ |
| 3. | Manufacturer's Designation | _____ |
| 4. | Manufacturer's Frame Number | _____ |

II. MECHANICAL DATA

- | | | |
|----|-----------------------------------|-------|
| 1. | Driven Equipment | _____ |
| 2. | Bearings: | |
| | a. Type | _____ |
| | b. Catalog Numbers | _____ |
| 3. | Ventilation Type | _____ |
| 4. | Quantity of Cooling Air | _____ |
| 5. | Lubricant Type | _____ |
| 6. | Method of Adding Lubricant | _____ |
| 7. | Description of Lubricating System | _____ |

TABLE 2

TECHNICAL DATA SUPPLIED BY SELLER

Sheet 2 of 6

8. Recommended Intervals for Replacing Lubricant:

9. Quantity of Lubricant Required

10. Cooling Water Requirements for Water-Cooled Bearings:

11. Oil Pressure Limits for Pressure Oiled Bearings:

12. Temperature Rise of Oil through the Bearing (°C):

13. Temperature Rise of Bearing (°C):

a. With Oil Flow

b. Without Oil Flow

14. Winding Temperature Detector(s):

a. Quantity

b. Type

15. Bearing Temperature Detector(s):

a. Quantity

b. Type

TABLE 2

TECHNICAL DATA SUPPLIED BY SELLER

Sheet 3 of 6

16. Rotor Material _____

III. ELECTRO-MECHANICAL DATA

1. Rated Horsepower _____

2. Speed (rpm) _____

3. Time Rating _____

4. Service Factor _____

5. Rotation Limitations (if any) _____

6. Full Load Torque (lb-ft) _____

7. Pull Up Torque (% full load) _____

8. Breakdown Torque (% full load) _____

9. Locked Rotor Torque (% full load) _____

10. VFD duty suitable _____

IV. ELECTRICAL DATA

1. Voltage _____

2. Number of Phases _____

3. Frequency _____

4. Code Letter _____

5. Design Letter _____

6. Full Load Current _____

7. Locked Rotor Current (% full load A) _____

8. Minimum Starting Voltage _____

TABLE 2

TECHNICAL DATA SUPPLIED BY SELLER

Sheet 4 of 6

9. Insulation Class _____
10. Full Load Temperature Rise (°C) _____
11. Safe Stalled Time (sec) _____
12. Terminal Connectors:
- a. Lug Type _____
- b. Catalog Number(s) _____
13. Internal Power Lead Sizes _____
14. Phase Rotation of Power Leads _____
15. Grounding Means:
- a. Location _____
- b. Connection Type _____
16. Limitations (if any) on Frequency of Starting: _____

TABLE 2

TECHNICAL DATA SUPPLIED BY SELLER

Sheet 5 of 6

17. Space Heaters:

- a. Quantity _____
- b. Watts/Volts _____

18. Surge Protection Devices:

- a. Quantity _____
- b. Type _____

19. X/R Ratio _____

V. PHYSICAL DATA

- 1. Enclosure _____
- 2. Net Weight of Motor _____
- 3. Conduit Opening Size _____

VI. ADDITIONAL DATA

1. Efficiency at Rated Voltage and Frequency For:

- a. Full Load _____
- b. 3/4 Rated Load _____
- c. 1/2 Rated Load _____
- d. 1/4 Rated Load _____

TABLE 2

TECHNICAL DATA SUPPLIED BY SELLER

Sheet 6 of 6

2. Power Factor at Rated Voltage and Frequency For:
- a. Full Load _____
 - b. 3/4 Rated Load _____
 - c. 1/2 Rated Load _____
 - d. 1/4 Rated Load _____
3. Critical Speed, if Less Than 130 Percent of Synchronous Speed:

4. Winding Resistance Between Terminals:

5. Locked Rotor Current / kVA _____
6. Locked Rotor Power Factor _____
7. Acceleration Time at Minimum Starting Voltage (sec):

8. Composite Speed-Torque Curves of Motor and Driven Equipment:
9. Motor curves
- a. % efficiency vs. horsepower
 - b. % PF vs. horsepower
 - c. % PF and starting current vs. speed
 - d. Starting current vs. time
 - e. Time current heating curves at 80% and 100% motor rated voltage.

June 21,2022

CITY OF UKIAH

Fish Hatchery Supply Pumps Replacement Ukiah, CA

*Vertical Pumps
Specification MS-002*

PROJECT NUMBER:

162992

PROJECT CONTACT:

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*Vertical Pumps
Specification MS-002*

PREPARED FOR: CITY OF UKIAH
PREPARED BY: SCOTT REARDON

REVISION HISTORY				
DATE	REVISED BY	CHECKED BY	APPROVED BY	REVISION
3/19/2021	S. Reardon	J. Wiley	J. Marenda	A - Issued For Review
6/21/2022	S. Reardon	J. Wiley	J. Marenda	0 – Issued for Bid

VERTICAL PUMPS

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VERTICAL PUMPS

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section of the specification covers the requirements for the design, manufacture, shop testing, packaging, storage and handling, shipping, and technical direction of installation and field testing of vertical centrifugal pumps. The vertical centrifugal pumps will be installed for service in pumping water to fish hatchery with details specified in SECTION 4.2, "TECHNICAL DATASHEETS BY PURCHASER," hereinafter referred to as SECTION 4.2.

1.2 FURNISHED BY SELLER

- A. Pump Seller shall provide the following Work as specified herein:
 - 1. Design and manufacture vertical centrifugal pumps, including all seals, bearing lubrication systems, couplings, coupling guards, drivers, baseplates/support systems and other standard accessories or as specified herein.
 - 2. Design and manufacture motor drivers.
 - 3. Spare parts and consumables required for installation and startup.
 - 4. Any special tools and lifting devices required for installation, maintenance, and operation.
 - 5. Perform shop testing.
 - 6. Perform cleaning and finishing.
 - 7. Package and ship vertical centrifugal pumps and motor drivers.
 - 8. Provide technical direction of the installation and field testing of pumps.
 - 9. Drawings and design data to support facility design, construction, and maintenance
 - 10. Furnish all documentation.

1.3 FURNISHED BY CONTRACTOR

- A. Installation Contractor shall provide the following:
 - 1. Unloading at site, storage, and installation
 - 2. Any needed modifications to supporting steel, and anchor bolts
 - 3. Piping external to pump units
 - 4. Installation at site, material lay-down area defined by the Owner
 - 5. Field inspection and testing
 - 6. Field touch up painting

1.4 FURNISHED BY OTHERS

- A. The following will be provided by the Owner or others, not in the Installation Contractor or Pump Sellers Scope.
 - 1. Motor starters and power wiring
 - 2. DCS configuration and graphics programming
 - 3. Electrical, instrumentation and control wiring

VERTICAL PUMPS

4. Instrumentation

1.5 RELATED SECTIONS

- A. MS-003 - Mechanical Equipment Installation
- B. ES-113 LOW VOLTAGE MOTORS

1.6 CODES AND STANDARDS

- A. The latest edition and addenda of the following publications in effect on the date of Contract Award are a part of this Specification:

- 1. US Department of Labor, Code of Federal Regulations (CFR)
 - a. 29 CFR 1910 Occupational Safety and Health Standards
- 2. American National Standards Institute (ANSI)
 - a. ANSI/HI 2.3 American National Standard for Vertical Pumps Design and Application
- 3. American Society of Mechanical Engineers (ASME)
 - a. ASME B1.1 Unified Inch Screw Threads
 - b. ASME B2.1 Pipe Threads
 - c. ASME B16.11 Forged Steel Fittings, Socket-Welding and Threaded
 - d. ASME B16.47 Large Diameter Steel Flanges
 - e. ASME B16.5 Pipe Flanges and Flanged Fittings
 - f. ASME B31.1 Power Piping
 - g. ASME BPVC Section IX - Qualification Standard for Welding and Brazing Procedures, Welders, Brazers, and Welding and Brazing Operators
- 4. International Organization for Standardization
 - a. ISO 10816 Mechanical Vibration: Evaluation of machine vibration by measurements on non-rotating parts
- 5. American Society for Testing and Materials (ASTM)
 - a. ASTM A48 Gray Iron Castings
 - b. ASTM A53 Standard Specification for Pipe, Steel, Black and Hot-Dipped Zinc Coated, Welded, and Seamless
 - c. ASTM A106 Seamless Carbon Steel Pipe for High Temperature Service
 - d. ASTM A276 Stainless and Heat-Resisting Steel Bars and Shapes
 - e. ASTM A312 Seamless and Welded Austenitic Stainless Steel Pipe
 - f. ASTM A436 Austenitic Gray Iron Castings

VERTICAL PUMPS

- g. ASTM A515 Pressure Vessel Plates, Carbon Steel, For Intermediate- and Higher-Temperature Service
 - h. ASTM A744 Corrosion-Resistant Iron-Chromium-Nickel and Nickel-Base Alloy Castings for Severe Service
 - i. ASTM B584 Copper Alloy Sand Castings for General Applications
- 6. Hydraulic Institute
 - a. Hydraulic Institute Standards for Centrifugal, Rotary and Reciprocating Pumps
- 7. American Petroleum Institute
 - a. API 610 Centrifugal Pumps for Petroleum, Petrochemical, and Natural Gas Industries
 - b. API 682 Pumps Shaft Sealing Systems for Centrifugal and Rotary Pumps
- 8. American Welding Society
- 9. Hydraulic Institute Standards
- 10. National Electric Manufacturers Association
- 11. Steel Structures Painting Council

1.7 DEFINITIONS

None

1.8 SYSTEM DESCRIPTION

A. Design Conditions and Performance Requirements

- 1. Seller shall guarantee the performance of the pumping equipment at the values submitted in the "TECHNICAL DATASHEET BY SELLER" Section 4.3. The guaranteed performance shall be based on the design conditions specified in SECTION 4.2 and shall be clearly indicated on Seller's pump performance characteristic curves. The tolerances on the guaranteed performance shall be in accordance with the Hydraulic Institute Standards.
- 2. The sound levels generated by Seller furnished pumping equipment during normal operation shall not exceed 85 dbA-weighted, slow response measured 3 feet horizontally from the base of the equipment and 5 feet above floor level on which the pumps are mounted.

B. Pumps

- 1. The pumps shall be designed in accordance with the Hydraulic Institute Standards, Centrifugal Pump Section.
- 2. Vertical centrifugal pumps shall be designed for the conditions specified in SECTION 4.2, and for the pump arrangement shown on the Existing Equipment Drawings, 001-BM2.

VERTICAL PUMPS

3. The quantity of pumps shall be as specified in SECTION 4.2. Each pump shall be suitable for direct connection to a vertical motor driver.
4. Pumps furnished for the same service shall be designed to operate continuously in parallel over the pump operating range without cavitation.
5. The pumps and motor drivers shall be designed for potential reverse operation during start-up and shut-off.
6. The pumps shall be designed to ensure that there will be adequate margin between required submergence and available submergence for satisfactory operation at run-out conditions. Refer to 001-BM2 Sheet 2 for minimum water level and pump platform height.
7. The pumps shall be capable of operating continuously at the minimum flow submitted in the "TECHNICAL DATA SUPPLIED BY BIDDER FOR VERTICAL CENTRIFUGAL PUMPS" without damage to the pumping equipment.
8. Seller shall prepare pump performance characteristic curves on which total head, brake horsepower, required submergence, and efficiency are plotted as functions of volumetric flow rate between shut-off and run-out. Total head and pump efficiency shall be defined in accordance with the Hydraulic Institute Standards.
9. Wetted pump parts shall be suitable for the water handled by pumps. The chemical analysis of water handled by each pump is specified in SECTION 4.4 .
10. At times the suspended solids in the pumped water can be high. Suction screens on the existing pumps get a build up of algae on them at some times of the year. Pumps should be supplied with suction screens with maximum surface area to limit the impact of this possible algae build-up.
11. Water for bearings and seals shall be supplied either from the pump discharge header.
12. When water for bearings and seals is supplied from the pump discharge header, the pump will be required to run momentarily, at start-up, without lubricating and sealing water injection.
13. If water from the pump discharge header requires filtration or other processing prior to use for bearings and seals, Seller shall provide all necessary equipment as part of bearing lubricating and sealing water system.
14. Pumps shall be balanced so that peak to peak amplitude of rotor vibration in any plane measured at the upper motor driver bearing under design speed shall not exceed 1.5 mils (3 mils if 1800 rpm pump speed is specified in SECTION 4.2) over the pump operating range.
15. Pumps shall be designed for the continuous service life specified in SECTION 4.2. Pump components for which the service life cannot be expected shall be identified and shall be designed for ease of replacement and maintenance.
16. Pumps shall be "identical" as defined by the Hydraulic Institute standards.
17. The difference in flow for pumps shall not exceed 5 percent throughout the operating range.
18. Pumps shall be capable of both intermittent (start/stop) and continuous operation under flow conditions from minimum flow to runout conditions.

C. Additional Technical Requirements

1. Manufacturer shall provide the necessary instrumentation connections on the equipment as required for the acceptance tests specified in PTC 8.2.
2. The Pump Manufacturer shall incorporate any provisions necessary to prevent or eliminate the potential for vortexing.
3. Seller shall take into consideration the existing pipe as shown on existing pump drawings, 001-BM@. To the greatest extent possible seller shall conform to the existing piping in order to prevent rerouting or manipulation of the piping configuration. Seller shall inform Purchaser of any potential piping alterations required for pump installation.

VERTICAL PUMPS

D. Design and Construction Features

1. General

- a. The pump assembly shall be of the non-pullout type.
- b. The discharge elbow shall be above the baseplate.
- c. To minimize equipment failure and damages caused by unproven components, Purchaser intends to install reliable, proven equipment and components which shall perform in accordance with the specifications. Seller shall disclose to Purchaser each design manufacturing procedure, component or assembly which does not have at least two (2) years satisfactory operating experience in similar service. Further, the vendor shall have manufactured at least two pumps of comparable design, power rating, speed, and discharge pressure. The failure to make such disclosures specifically and in writing shall extend Seller's warranty to include all direct costs to Purchaser that may result from Seller's use of such procedures, components or assemblies.

2. Coupling Guards

- a. Safety guards shall be provided for protection of personnel from all exposed moving and/or rotating machine elements in accordance with the requirements of the applicable section of 29 CFR 1910.
- b. Each guard shall be fabricated from ASTM A36 steel plate having a minimum thickness of 10 BWG and designed for easy installation and removal.
- c. Necessary supports and accessories shall be furnished with each guard.

3. Pump Column Pipe

- d. Each section of the pump column pipe shall have a flanged connection at each end. The flange faces shall be machined to ensure alignment of the column sections and gasketed to ensure a pressure-tight joint under all pump operating conditions.
- e. Joints in the pump column shall be flanged and bolted.
- f. The pump column shall be designed and constructed to provide accurate alignment automatically when the column is assembled.
- g. The pump discharge connection shall be flanged and drilled to match the ANSI requirements.
- h. The pump shall include provisions designed to resist the discharge thrust developed with the pump operating at shutoff head, the piping weight, and piping thermal expansion.

4. Pump Bowl Assembly

- a. Pump bowl assembly shall be flanged construction and shall house all impeller stages.
- b. Screwed in bowls will not be considered.

5. Stuffing Boxes, Seals, and Packing Glands

- a. Stuffing boxes, seals, and packing glands shall be provided as required between fixed and rotating parts and shall be designed for minimum leakage of lubricating

VERTICAL PUMPS

water. Seller shall furnish seal injection breakdown orifices as required to reduce pressure and to control injection flow.

6. Drive Support

- a. Each pump shall be provided with a cylindrical fabricated steel support pedestal for mounting the drive motor directly on the pump discharge head. The base shall be designed to support the total weight of the complete pumping unit and all imposed dynamic loads.
- b. Reinforcing ribs and braces, if required, shall be on the interior of the support base.
- c. Access holes that are sufficiently large, and in sufficient number, shall be provided for dismantling the drive shaft coupling and for maintenance and inspection of the pump seal. Access holes shall have bolted or hinged covers.
- d. The support pedestal shall be machined and drilled as required to receive and provide for proper alignment and securing of the drive motor to the pedestal.
- e. All bolts, nuts, washers, and pins required for securing the motor to the pedestal shall be furnished and shall be constructed with Type 316 stainless steel.
- f. Drive motor mountings shall be machined in accordance with dimensions supplied by the motor manufacturer.

7. Accessories

- a. Miscellaneous trim - All piping and valves required for seal or stuffing box injection water, air vent valves, oil level indicators, grease lubricators, and other miscellaneous accessories shall be furnished by the pump manufacturer. All wetted parts (valve, tubing, etc.) are to match or exceed the characteristics of the casing materials.
- b. Pump suction screen to be provided with maximum surface area to reduce the clogging from algae and other vegetation in the after bay. The water source is at times known to have high levels of algae clogging the existing pump screens.

8. Reliability

- a. Pumps shall provide an average operating time between failures of not less than the number of hours specified in SECTION 4.2.

1.9 ALTERNATIVES

- A. Seller may provide Alternate Bid(s). Any alternate bids proposed by the Bidder shall provide equal or better performance at reduced capital cost. The Bidder shall clearly state the technical differences between the Base Bid and any Alternate bids. Alternate bids shall be supported with complete technical, performance, and cost data.

1.10 SUBMITTALS

- A. Information to be furnished with the Bid:

1. Seller shall furnish all the information requested in Section 4.1 as follows:

VERTICAL PUMPS

- a. Seller shall complete the Technical Data Sheets By Seller in Section 4.3.
- b. A complete physical description of all quoted equipment.
- c. List of warranties and guarantees.
- d. Motor data including manufacturer, equipment tag number, horsepower (HP), voltage, ampere rating, phase, service factor, enclosure, insulation, rpm, efficiency, and accessories.
- e. Noise data including estimated sound power levels for the eight octave bands, corrections for distance etc. and an estimated logarithmic summation for the driver and driven equipment.

B. Information required after Contract Award:

1. Refer to Section 4.1 for the schedule of submittals.
2. For centrifugal pumps, published pump performance curves showing pump capacity (gpm) vs. TDH (ft), efficiency, brake horsepower, and required NPSH for maximum impeller diameter, proposed impeller diameter, and minimum impeller diameter at nominal pump speed.
3. Recommended spare parts list.
4. Special tools list.

1.11 SITE CONDITIONS

A. As Provided by City of Ukiah Building Services

1. Seismic Design Category: D and E
2. Wind Speed: 110 mph
3. Exposure: B or C
4. Snow Load: No snow load
5. 60 minute rainfall: 1.5 inches

PART 2 - PRODUCTS

2.1 MATERIALS AND WELDING

- A. Products which contain asbestos are prohibited. This prohibition includes items such as packings or gaskets even though the item is encapsulated or the asbestos fibers are impregnated with binder material.

B. Materials of Construction

1. The pump shall be manufactured using materials that meet or exceed the strength and corrosion-erosion resistance of the following listed materials. Selection of pump materials for each pump application shall be subject to the approval of Purchaser.
2. Materials for the miscellaneous vertical centrifugal pumps shall be as specified below (ASTM Specification and grades). Where two or more materials are specified for a component or part, Seller shall make a choice.

- | | |
|----------|-------------|
| a. Water | Fresh & Sea |
|----------|-------------|

VERTICAL PUMPS

b.	Bowl & Suction Bell	A48, Cl 30 A744, Gr CD4 MCu
c.	Column Pipe & Discharge Head	A48, Cl 30 A744, Gr CD4 MCu A515, Gr 60 (Fresh Water Only) A106, Gr B (Fresh Water Only)
d.	Diffuser	A436, Type 1B or 2 A744, Gr CD4 MCu
e.	Impeller	B584, A744, Gr CD4 MCu
f.	Shaft	A276, Type 410, A276, Type 410
g.	Shaft Sleeve	A276, Type 410, A276, Type 410
h.	Shaft Tube	A312, Type 316L, A312, Type 316
i.	Wear rings	Bronze ASTM B584 or Purchaser approved equal

3. The construction materials for pumps identified as all stainless steel are as follows:

a.	Suction bell	Stainless steel ASTM A276 Type 316 or Purchaser approved equal
b.	Can, column and Stainless Steel discharge head	ASTM A276 Type 316 or Purchaser approved equal
c.	Casing	Stainless steel ASTM A276 Type 316 or Purchaser approved equal.
d.	Impeller	Stainless steel ASTM A276 Type 316 or Purchaser approved equal.
e.	Shaft	Stainless steel ASTM A276 Type 316 or Purchaser equal.
f.	Base Plate	ASTM A283, A285, or Purchaser approved equal.
g.	Wear Rings	ASTM A743 or Purchaser approved equal.
h.	Pedestal	Carbon steel – ASTM A283, A285, or Purchaser approved equal.
i.	Bolting	Stainless steel – ASTM A193 Type 316

4. Seller may propose alternate materials which in its experience are more suited to the intended service. The alternate materials shall be subjected to Purchaser's review.
5. Coatings, e.g. epoxy or plastics, will not be accepted as a means of corrosion or erosion protection.
6. Water lubricated sleeve bearings shall be fluted neoprene rubber.
7. The Brinell hardness number of the bowl wearing rings shall be not less than 100 greater than the Brinell hardness number of the impeller wearing rings.
8. Where the material for a specific component or part is not specified, an appropriate material for the application shall be selected by Seller.
9. Materials for manufacturing pumps shall be as specified on the pump data sheet. General material selections will follow API 610 guidelines for this fluid service. Seller shall select suitable materials for pump wear rings and shaft sleeves based on the water analysis and technical requirements supplied for the project.
10. Austenitic stainless steel pump parts subject to welding shall be furnished in the "L" grade. Austenitic stainless steel shall be furnished in the solution-annealed condition. Stainless steel components shall not be cold worked by design to enhance mechanical properties. Internally wetted parts shall not utilize coatings.
11. Materials shall be identified with the applicable AISI, ASTM, ASME or SAE number, including material grade on pump data sheets and recommended spare parts lists supplied for the project.

VERTICAL PUMPS

12. If the vendor recommends any materials that are superior to or alternate to the materials specified, the materials shall be listed as an alternate on the data sheets submitted with the vendor's proposal.
13. Minor parts not identified shall have corrosion resistance equal to that of specified parts in the same environment.
14. Mating parts, such as studs and nuts, constructed of 18-8 stainless steel or of materials having similar galling tendencies shall be lubricated with an anti-seize compound.

C. Welding and Repair Welding

1. All welding shall be in accordance with ASME Section IX. Welding procedures for stainless steels shall be designed to minimize sensitization for the heat affected zone. Piping supplied by the pump manufacturer shall be designed to conform with piping code ASME B31.1
2. All welding and repair welding shall be done in accordance with Seller's written procedures by welders qualified to those procedures. Weld repairs to castings, where permitted, shall conform to the requirements of the applicable ASTM specification. Repair by welding is not permitted on gray iron, austenitic gray iron, or austenitic ductile iron castings. Repair welding of copper alloy castings requires Purchaser's permission.

D. Castings

1. Castings shall be sound and free of shrink holes, blow holes, cracks, scale, blisters, and other defects. Casting surfaces shall be cleaned by standard methods such as sandblasting, shot blasting, or pickling. All mold-parting fins and remains of gates and risers shall be chipped, filed or ground flush.
2. Castings shall not be repaired by peening, plugging, burning in or impregnating. If weld repairs to castings are authorized by the ASTM specification for the material, repair welding shall be in accordance with the applicable ASTM specification. Weld repairs shall be inspected according to the same quality standards as for inspection of the castings. Repairs not covered by an ASTM specification shall be subject to approval of Purchaser.

2.2 EQUIPMENT

A. General Requirements

1. Pumps shall be vertical shaft, centrifugal, turbine type.
2. Pumps for same service shall be identical in construction, and similar parts of the pumps shall be interchangeable.
3. All pumping units shall be designed to facilitate inspection and maintenance.
4. Design of rotating elements shall be such that all critical speeds shall be at least 25 percent greater than the operating speed.
5. Drive motor enclosures shall be per requirements of ES-113 LOW VOLTAGE MOTORS.

B. Pumps

1. The pump suction requirements, including submergence NPSHR, and inlet velocity, shall be determined using one pump runout capacity or 120 percent of design capacity, whichever is greater.

VERTICAL PUMPS

2. The design point total head specified shall use the discharge connection centerline as the reference point, and based on minimum water level. Head losses through the pump, including suction inlet losses, are not included in the total head listed.
3. Pumps shall be designed so that reverse rotation at the runaway speed caused by reverse water flow under maximum head will not cause damage to any of the components of the pump.
4. Pumps shall be designed to pass any foreign object having maximum dimensions indicated in the Datasheets without damage to the pumping equipment.
5. The pumps will be operated singly or in parallel. Each pump shall operate satisfactorily in two pump parallel operation, in single pump operation, and when bringing on or taking a pump out of service with any other pump, or pumps in service. The pumps shall deliver the head and capacity indicated in pump data sheets.

C. Pump Characteristics

1. Pump head curve shall rise continuously from design point to shut-off. The pump shut-off head shall be a minimum of 120 percent of the total head at the design point and a maximum of 135 percent of the design head specified.
2. Pumps shall be designed with a head-capacity characteristic which rises steadily from the one pump runout capacity to minimum flow.
3. It is preferred that pumps have low shutoff head and maximum efficiency at approximate design capacity and head.
4. Pumps shall be suitable for extended operation over the range from minimum flow to single (1) pump runout at minimum system resistance, without damaging pitting, cavitation, excessive noise, or excessive vibration.
5. Pumps shall be designed to have a required NPSH at one pump runout conditions of no more than 75% of the NPSH available. Reliability during all operational conditions is major consideration.

2.3 COMPONENT

A. Shafts and Shaft Sleeves

1. Pump shafts shall be machined to a smooth surface over their entire lengths and ground to a fine finished surface at bearing points.
2. Replaceable shaft sleeves shall be provided at bearing points and stuffing boxes to prevent shaft wear.
3. The pump shaft shall be sized to transmit the power requirements of the pump.
4. The shaft shall be ground and polished over its entire length.
5. If specified a shaft enclosing tube shall be provided to enclose the shaft and line bearings.
6. A tensioning device shall be provided for each pump with a shaft enclosing tube to assure exclusion of the pumped liquid.
7. Shaft sleeves shall be provided at the seal and at radial bearings.

B. Impellers and Bowls

1. Impellers shall be open or semi-open type.
2. Impellers and bowls shall be provided with renewable wear rings.
3. Impellers shall be keyed and nut-locked to the shaft to withstand all operating loads.
4. All impellers shall be statically and dynamically balanced.

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5. Full size impellers shall not be used. An impeller that is at least 10 percent larger than the minimum impeller diameter and at least 10 percent smaller than the maximum impeller for the pump casing is preferred.
6. The pump impellers shall be carefully machined and finished, with semi-open construction.
7. Collets or taper fits will not be acceptable.

C. Motor-Pump Couplings

1. Rigid couplings shall be provided to connect motor driver and pump shafts.
2. Couplings shall permit adjustment of the vertical position of the pump impeller while maintaining shaft alignment.

D. Bearings and Lubrication

1. Pump and shaft bearings shall be provided in sufficient number and located to ensure proper shaft alignment and minimize noise level.
2. Pump line shaft bearings shall be water lubricated.
3. All running, starting, and idle thrusts, and all unbalanced hydraulic thrusts shall be carried by the motor thrust bearing through the rigid coupling.
4. All radial shaft bearings shall be as recommended by the manufacturer for the service and shall be of sufficient number to prevent shaft whip and minimize noise level.
5. The impeller suction and discharge bowl bearings shall be as recommended by the manufacturer for the service.
6. All bearings shall be mechanically secured to the bearing housings to prevent bearing rotation or movement during operation.
7. Connection and piping sizes for seal water to the bearings shall be a minimum of 1-inch.
8. A packing gland accessible through openings in the motor support stand shall be provided above the upper bearing.
9. A shaft sleeve shall be provided at the stuffing box.
10. The packing gland shall be split to facilitate repacking of the box.
11. The space between the motor and the stuffing box shall be sufficient to permit removal of the packing gland and insertion of packing without dismantling the pump.
12. Pump axial thrust will be resisted by a thrust bearing in the drive motor through the rigid coupling.
13. Vibration Monitoring - Provisions shall be made for mounting a vibration switch on the upper end of the motor housing.

E. Mechanical Shaft Seals

1. Pumps requiring mechanical seals, if specified in Section 4.2, shall employ API seal plan 13.

F. Shaft Couplings

1. A rigid, adjustable, flanged type coupling shall be provided for connecting the pump to the drive motor.
2. The coupling shall be specifically designed for vertical pump application and shall provide for vertical adjustment of the impeller.
3. The coupling shall be keyed to the shafts. The shaft coupling shall be sized to transmit the maximum brake horsepower requirements of the driven equipment with a service factor of not less than 2.

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4. A permanent corrosion-resistant plate shall be attached to the drive motor support pedestal stating the direction of rotation and coupling gap required for impeller positioning.
5. Line shaft couplings shall be of the sleeve and keyed type to permit ease of maintenance. Threaded couplings are not acceptable

G. Mounting Baseplate

1. Each pump unit shall be provided with a suitable mounting baseplate (or discharge head) designed to support the total weight of complete pumping unit and all imposed static and dynamic loads.
2. The mounting baseplate shall be sized to cover an opening in Owner's mounting platform through which the entire pump unit may be installed or removed for maintenance.
3. In addition to the mounting baseplate, soleplates shall be furnished to ease pump removal.
4. Any foundation shims required for proper alignment and grouting in concrete shall be by Contractor.
5. Foundation bolts will be provided by Contractor. Seller shall provide complete requirements for foundation bolting.

H. Lifting Lugs

1. Lifting lugs shall be provided to facilitate handling during installation, maintenance, and removal.

I. External Piping Connections

1. Seller shall provide all connections for discharge, sealing, and venting. Piping shall be in accordance with ASME B31.1
2. Connections 2 1/2 inches and larger shall have flanged ends and shall be in accordance with ASME B16.5.
3. Connections 2 inches and smaller shall be socket-welding ends and shall be in accordance with ASME B16.11.
4. Design pressures and temperatures for discharge flanges shall be as specified in SECTION 4.2.
5. The location, size, type, and quantity of all openings, connections, and fittings shall be shown on Seller's drawings.
6. Discharge connections shall be provided with 1/2-inch NPT pressure gage connections.
7. For pumps manufactured in accordance with API 610, the allowable forces and moments at the face of the discharge nozzles shall meet the requirements of API 610, Table 5. For non-API pumps, the minimum allowable forces and moments for the pump nozzles shall be as follows:

- a. Forces, F_x, F_y, F_z (lb) = $100 \times D$
- b. Moments, M_x, M_y, M_z (ft-lb) = $200 \times D$

Where D = nominal pipe diameter (inches) of connecting pipe

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2.4 ELECTRICAL REQUIREMENTS

- A. Seller shall provide one (1) AC electric motor as the driver for each pump specified. The design requirements for electric motors are specified separately in ES-113 LOW VOLTAGE MOTORS.
- B. Motors shall be equipped with anti-reverse ratchets to prevent reverse rotation in the stopped condition.

2.5 INSTRUMENTATION AND CONTROL REQUIREMENTS

- A. None

2.6 CIVIL AND STRUCTURAL

- A. See attached drawings Section 4.4 for details of pump platform.

2.7 FABRICATION

- A. Shop Assembly
 - 1. Seller shall provide only items that are of standard and current manufacturers' construction. Non-standard special items or any other difficult to replace items shall not be supplied without the Engineer's prior approval.
- B. Shop/Factory Finishing
 - 1. Cleaning
 - a. Internal Surfaces
 - 1) All internal surfaces shall be free of gross contaminants such as heavy deposits of mill or heat treating scale, oil, oxide films, slag, flux, weld splatter, dirt, metal chips, and abrasive particles.
 - 2) Seller's cleaning plan shall ensure that cleaning materials do not adversely affect the surface or base metal in the cleaning, manufacturing, or operational environments and that, once established, the cleanliness will be maintained during subsequent manufacturing, shipping, and storage and handling.
 - 3) Abrasive blasting shall not be used on surfaces containing areas where grit can accumulate and not be readily removed by subsequent cleaning, rinsing, or flushing.
 - 2. External Surfaces
 - a. External surfaces shall be smooth and free of gross contaminants such as heavy scale, rust, sand, blisters, weld splatter, metal chips, and heavy deposits of oil or grease.
 - b. External surfaces, with the exception of machine finished surfaces, shall be given one (1) shop coat of corrosion resistant paint capable of withstanding temperatures

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to the design temperature plus 50 degrees Fahrenheit without loss of its protective integrity.

- c. Machine finished surfaces shall be protected against corrosion during shipment, storage, and installation with the application of one (1) coat of water-soluble, rust inhibiting coating.

C. Painting

1. Seller's cleaning plan shall ensure that cleaning materials do not adversely affect the surface or base metal in the cleaning, manufacturing, or operational environments and that, once established, the cleanness will be maintained during subsequent manufacturing, shipping, and storage and handling.
2. Abrasive blasting shall not be used on surfaces containing areas where grit can accumulate and not be readily removed by subsequent cleaning, rinsing, or flushing.
3. Cleaning of surfaces that are not to be coated or painted shall be done in accordance with the Supplier's best recommended practice. Only non-corrosion-resistant materials shall be coated.
4. Insulated surfaces shall not be primed. Stainless steel shall not be painted.

D. Marking

1. A stainless steel nameplate shall be attached to each pump in a clearly visible, easily accessible location. The nameplate shall be stamped with the following information:
 - a. Manufacturer's name.
 - b. Manufacturer's model number.
 - c. Manufacturer's shop order number.
 - d. Manufacturer's serial number.
 - e. Purchaser's equipment tag number.
 - f. Service.
 - g. Design capacity, gpm.
 - h. Design temperature, °F.
 - i. Design head, ft.
 - j. Design speed, rpm.
 - k. Design pressure-Bowls and Head, psig.
2. The direction of rotation shall be permanently marked on the pump in a location visible in installed position.

E. Packaging and Shipping

1. Pumps and all accessories shall be protected against damage during shipping, receiving, and storing and handling.
2. Prior to shipment, equipment shall be completely drained. When such drainage requires the removal of plugs, drain valves, etc., Seller shall be responsible that these parts are reinstalled prior to shipment.
3. All motor leads and other motor openings shall be effectively protected or sealed, to prevent entrance of moisture, dust, and dirt. The shaft extension shall be protected to prevent damage during shipment.
4. Metal straps, fasteners or covers shall not be tack welded to any manufactured part.

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5. Whenever size permits, the pump and any accessories shall be packed securely in weatherproof crates. If the pump or any component is too large for packing in a crate, it shall be placed on skids and protected with an overwrap.
6. Overwrap material shall be moisture proof, heat sealable, and strong enough to resist tearing, shredding, and piercing.
7. Guards shall be placed over damageable parts. All openings, including pipe ends, shall be provided with closures. The use of cloth or paper for plugs or caps is prohibited.
8. Each package shall be properly marked for identification. Weight lift points or the center of gravity shall be marked on the crate or skid to facilitate handling

F. Storage and Handling

1. Seller shall prepare written procedures to govern the storage and handling of the equipment.

G. Tolerances

1. The manufacturing tolerances for the pumps shall not exceed the following requirements:
 - a. $\pm 1/8$ -inch on the elevation from the centerline of the pump discharge to the center line of the baseplate.
 - b. $\pm 1/8$ -inch from the centerline of the shaft to the pump discharge flange face.
 - c. $\pm 1/8$ -inch offset between the centerline of the shaft and the centerline of the discharge.
 - d. $\pm 1/16$ -inch for pump discharge flange face being parallel to a plane passing through the centerline of the shaft.

2.8 SOURCE QUALITY CONTROL

A. Tests and Inspections

1. Non-Destructive Examinations
 - a. NDE methods, acceptance criteria, and additional general requirements shall be in accordance with the applicable fabrication code and this specification.
 - b. Visual examination shall be by personnel certified to AWS QC1 requirements. All other NDE shall be by personnel qualified to Level II or Level III requirements of SNT-TC-1A of the American Society for Non Destructive Testing.
 - c. Visual examination shall be performed before other NDE.
 - d. Radiographic examinations required shall be done in accordance with the requirements of the appropriate fabrication code or this specification.
2. Material Tests
 - a. Certified mill test reports for pressure retaining materials shall be prepared in accordance with ASTM specifications and shall include actual mechanical and chemical properties.
3. Shop Tests

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- a. Seller's standard shop tests shall be performed on all equipment furnished.
- b. Purchaser reserves the right to witness all shop tests. Seller shall notify Purchaser of the tests at least 15 days in advance of the dates of tests.
- c. Full information shall be submitted describing the Manufacturer's testing facilities. All tests shall be performed in accordance with the requirements of the latest edition of ASME PTC 8.2, or in accordance with the manufacturer's standard test procedure which shall be provided to the Owner for review.
- d. If the shop tests indicate that the tested pump fails to meet the guarantees stated herein, the other pump(s) for the same service shall be shop tested in accordance with this article.
- e. Any pump not meeting the guarantees shall receive all adjustments, repairs, additions or replacements as required for it to meet the guarantees.
- f. Re-testing and modifications shall be repeated until all performance guarantees are met or until arrangements are made which are acceptable to the Engineer, Owner and/or Purchaser.
- g. Certified copies of performance curves resulting from the testing shall be submitted to the Engineer for acceptance before shipment of the equipment. These curves shall indicate actual test pressure, temperature conditions, and the observed test points.
- h. If pump suction test conditions (pressure and/or temperature) differ from the conditions listed under Section 4.2, appropriate correction factors shall be applied to the observed test curve, and a corrected curve shall be indicated. This corrected curve shall then represent expected pump performance with the suction conditions listed under Section 4.2.

4. Hydrostatic Tests

- a. Equipment and vessels shall be subjected to a hydrostatic leak test meeting the requirements of the applicable Code or Standard to verify integrity of the pressure boundary. Pumps shall be hydrostatically tested at a pressure equivalent to at least 150% of the shut-off pressure held for a minimum of 15 minutes. No leakage is acceptable through the pressure boundary wall or assembly joints.
- b. Purchaser reserves the right to witness the hydrostatic tests. Seller shall notify Purchaser of the tests at least 15 days in advance of the dates of tests.

5. Performance Tests

- a. Seller shall perform pump running tests on each pump with its own motor driver in accordance with the procedures of the Hydraulic Institute Standards, Centrifugal Pump Section.
- b. Each pump shall be performance tested at design speed, rated suction conditions, and water temperature. Pump test shall cover the complete range of pump operating conditions.
- c. Each pump shall be tested at minimum submergence requirements over the full range of flow.
- d. Test readings shall be made at not less than each point corresponding to 10 percent increments in capacity over the range between minimum flow and pump run-out flow.
- e. The equipment shall be subjected to functional and performance tests in Seller's shop to the greatest extent possible to verify Seller's performance guarantees. The performance test for Contract purposes shall be executed at the final installation by Installation Contractor. Contractor shall develop testing procedure in accordance

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with Mechanical Installation Specification (MS-003) and approved by Owner and Pump Manufacturer.

- f. If testing is specified in Section 4.1, one pump for each service shall be shop tested for capacity, NPSH requirements, power requirements, efficiency, minimum flow recommended for continuous operation, runout head, design point head, shutoff head, and at as many other points as necessary for plotting an accurate performance curve. Each pump shall be tested with its own motor.
- g. Seller shall conduct airborne sound tests in accordance with the procedures of the Hydraulic Institute Standards (Code for Measurement of Airborne Sound from Pumping Equipment.). Tests shall be performed with pump operating at rated load and speed. Seller shall evaluate the airborne sound tests and shall certify that guarantee limits have been met.

6. Test Reports

- a. Seller shall prepare copies of certified reports of all shop tests. The reports shall include test arrangement, instrumentation and calibration data, test procedure, test data, and data backup calculations.
- b. Results of the performance tests shall be summarized in curve form with total head, efficiency, brake horsepower, and submergence referred to first stage impeller, plotted versus discharge capacity in gpm. The guaranteed design performance, maximum run-out operation, and test water temperature shall be stated on the curve.
- c. Each performance test report shall also include verification of bearing stability, hydraulic stability at minimum flow, and vibration limits.

PART 3 - EXECUTION

3.1 SPARE PARTS AND SPECIAL TOOLS

- A. Seller shall provide spare parts and consumables required for equipment commissioning and start-up including extra gaskets per connection.
- B. Seller shall recommend a three (3) year supply of spare parts necessary for installation, operation and maintenance of the pumps and accessories furnished by Seller.
- C. The list of recommended spare parts shall be accompanied by descriptions sufficiently detailed to identify the spare parts and the specific item or items to which it applies. Seller shall indicate the minimum recommended inventory for routine maintenance at installation, start-up and continuous operation. Seller shall also indicate whether the recommended spare is a stock item or special item, location of nearest supply point and approximate lead time required for shipment.
- D. Seller shall supply one complete set of all special tools required for installation and maintenance.

VERTICAL PUMPS

- E. The list of special tools shall be accompanied by descriptions sufficiently detailed to identify the function of the tool and the specific item or items for which it applies. Seller shall indicate whether the tool is required for installation, adjustment or routine maintenance.

3.2 FIELD QUALITY CONTROL

A. Field Acceptance Tests

1. Contractor will perform field tests on each pumping unit after the system is placed in service. The object of these tests is to check the mechanical performance of the pumps, drivers, and accessories. This includes noise, vibration, bearing operating temperature, stuffing box leakage, and lubricating system operation. Particular attention will be given to abnormal operating characteristics.
2. Test will be performed by Contractor in accordance with the Hydraulic Institute standards as required. Any deficiencies or faulty conditions determined during these tests shall be promptly corrected by Seller at no cost to Purchaser; after which additional tests will be run to confirm satisfactory pump performance and operation.
3. Seller shall cooperate with Contractor in the preparation for and testing of equipment. Seller shall provide any and all necessary technical support, in a timely fashion, as may be required during the field testing process.
4. Seller shall provide a per diem rate to provide a qualified representative to witness the field tests and advise on testing procedures.

3.3 COMMISSIONING

A. General

1. All equipment will be installed by Contractor.
2. Seller shall provide the per diem rate to provide the services of a representative to provide technical direction of the installation.
3. The field personnel provided by Seller shall be qualified and capable to perform the duties required to the satisfaction of Purchaser and shall be vested with authority to make decisions binding on Seller.

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PART 4 - ATTACHMENTS

4.1 SCHEDULE FOR SUBMISSION OF DRAWINGS AND DATA

	Document	Schedule	Action
<i>With Bid</i>			
	Completed pump and motor data sheets	With Bid	For review
	Outline drawings of individual equipment	With Bid	For review
	Equipment weights broken down by maximum lifts to assemble, install, and do maintenance	With Bid	For review
	List of all materials of construction	With Bid	For review
	Pump Performance Curves	With Bid	For review
	Option pricing for technical assistance during installation and field testing	With Bid	For review
	Detailed list of auxiliary services required	With Bid	For review
	Description of Bidder's test methods and capabilities	With Bid	For review
	Recommended spare parts list for start-up and two years of operation	With Bid	For review
	Replacement parts and special tools list	With Bid	For review
	Other commercial documentation	With Bid	For review
<i>After Award of Contract</i>			
	Submittal list with schedule	2 weeks after award of contract	For review
	Engineering, procurement, fabrication, and delivery schedule	2 weeks after award of contract	For information
	Inspection Test Plan & Schedule	4 weeks after award of contract	For review
	Motor box, connections, and accessory detail	4 weeks after award of contract	For review
	Allowable nozzle reaction forces and moment	4 weeks after award of contract	For review
	Pump Mounting Drawings and loading	4 weeks after award of contract	For review
	Equipment Data sheets	4 weeks after award of contract	For review
	Motor data sheets and characteristic curves	4 weeks after award of contract	For review

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	Document	Schedule	Action
	Color scheme in Munsell or RAL equivalents	4 weeks after award of contract	For review
	Seismic Analysis	4 weeks after award of contract	For review
	Wiring drawings	4 weeks after award of contract	For review
	Installation drawings, instructions, and procedures	4 weeks after award of contract	For review
	Bills of material for supplied equipment	4 weeks after award of contract	For information
	Other QA required documentation from the General Technical Requirements	In accordance with vendor QA program	For review
	LEGEND R – Submit for review DAAC Days after Award of Contract DPT Days prior to test DATC Days after test completion I – Submit for Information DPRF Days prior to release for fabrication DPS Days prior to shipment UCW Upon completion of work		

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4.2 TECHNICAL DATASHEETS BY PURCHASER

ITEM				
Description of Service				
Services: <u>Pump Tag Number</u> <u>Service</u> 1 Water 2 Water				
Design Conditions and Performance Requirements				
Client Name	City of Ukiah			
Project Name	Fish Hatchery Supply Pumps Replacement			
Project Number	162992			
Project Site Location Conditions				
Site Barometric Pressure	29.24 in Hg			
Site Elevation	633 ft			
Plant Operation				
Design Life	30 years			
Max. sound level @ 1m, (dBA)	85			
Power Supply Available	480 V			
Type	Vertical			
Pump Tag Number	1, 2			
Quantity Required	Two (2) 100%			
Split Capacity (each pump), %				
Location (Outdoor or Indoor)	Outdoor			
Fluid Pumped	Water			
Stages/bowls:				
First Stage depth:				
Materials: Impeller and bowls				
Suction fluid temp. range, ° F (° C)				
Screen Opening, inch (mm.)				
Ambient Conditions:				
Pressure, psi abs				
Summer Design Dry Bulb Temperature	104			
Winter Design Dry Bulb Temperature	25.2			
Humidity (max/min), %	83 /31	/	/	/
Design Conditions:	1			
No. of Pumps in Parallel Operation				
Operating Scenarios				
Flow Rate (1x100%) @ Temperature				
Discharge Pressure, measured at pump discharge centerline @ min water level	8 psig			
Water Level	Reference drawing, min water is El			

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	615' and existing pump CL discharge is El 628'			
Capacity (each pump), gpm	6,750			
Fluid Temperature, ° F (° C)	ambient			
Design Inlet Temperature Range	ambient			
Fluid Specific Gravity	1			
ITEM				
Design Conditions and Performance Requirements				
Pump Tag Number				
Pump Speed (Max.), rpm	1800			
Pump Efficiency (min), %	70			
Piping:				
Size, inlet, in. NPS				
Size, discharge, in. NPS	16			
Design Pressure, psig (barg)	150 # Class			
Design Temperature, ° F (° C)	ambient			
Power, volts/ phase/ Hertz	480/3/60			
Shop Test Required, y / n	y			
Pumping Water Analysis:				
Source				
Total Solids				
Total Dissolved Solids, ppm:				
Total suspended solids, ppm:				
Total Hardness, ppm as CaCO ₃ :				
Total Alkalinity, ppm as CaCO ₃ :				
Oxygen, ppb:				
Total Organic Carbon, ppm:				
Iron				
Copper				
Nickel				
Hydrazine (Residual)				
Sodium				
Conductivity (cation) @25°C				
PH @25°C				
Bearing Lubricating and Sealing Water:	From pump			
Pressure, psi				
Temperature, °F				
Description				
Water Analysis –				
Total Solids				
Dissolved Oxygen				
Silica				
Iron				
Copper				
Nickel				
Hydrazine (Residual)				

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Sodium				
Conductivity (cation) @ 25 °C				
pH @ @ 25 °C				
ITEM				
Design Conditions and Performance Requirements				
Pump Materials				
Casing				
Shaft				
Shaft Sleeve				
Wear Rings				
Impeller				
Mechanical Seals				
Service Life, yrs.	30			
Design and Construction Features				
Enclosed Impellers				
Discharge Connections: Design Pressure, psig Design Temperature, °F	150# Class			
Motors				
Electric Motor Requirements Specified in: ES-113, Low Voltage Motors _____				
Reliability				
Average Operating Time Between Failures, hr				
Performance Shop Test Required				
Remarks:				
Legend: X = Applicable Column or Box NA = Not Applicable L = To Be Provided At a Later Date * = See "Remarks"				

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4.3 TECHNICAL DATASHEETS BY SELLER

The following technical data sheets for each group (same service) pumps shall be completed by Bidder and submitted with the Bid:

Manufacturer -

Name: _____

Location: _____

Pump Name - _____

Number of Pumps- _____

Pump Model- _____

Manufacturer- _____

Point of Manufacture- _____

Delivery, Weeks ARO - _____

Max. Dimension (pumped solids)- _____

Rotation direction (view from driver)- _____

Casing Design Pressure, (psig)- _____

Seal/Flush Plan- _____

Seal Water Required, (gpm)- _____

Pumped Fluid Description- _____

Pumped Fluid Chemistry- _____

Pump Tag Number(s) and Service - _____

Quantity of Pumps- _____

A. Physical Data (each pump)

1. Dimensions:

a. Mounting base size (width x length), in. _____

b. Pump and motor overall size (width x length x height), in. _____

c. Required minimum clearance, Side, in. _____

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- d. Required minimum clearance, End, in. _____
- e. Required minimum clearance, Above, in. _____
- f. Distance between bottom of suction bell and floor, ft _____
- g. Distance from CL of first impeller eye to bottom of suction bell (in) _____
- h. Distance from CL of first impeller eye to the bottom of the pump mounting plate (in) _____
- 2. Weight, lb
 - a. Dry _____
 - b. Operating _____
- 3. Heaviest piece handled during installation:
 - a. Part name _____
 - b. Weight, lb _____
- 4. Heaviest piece handled during maintenance:
 - a. Part name _____
 - b. Weight, lb _____
- 5. Dimensional outline drawing, Dwg. No. _____
- 6. Foundation/Mounting requirements including loadings, Dwg. No. _____

B. Performance

- 1. Pump performance characteristic curves on which total head, brake horsepower, required submergence, and efficiency are plotted as functions of volumetric flow rate between shutoff and run-out, Dwg. No. _____
- 2. Guaranteed pump performance based on design conditions (see SECTION 4.2 under “Design Conditions and Performance Requirements”).
 - a. Number of pumps in parallel operation _____
 - b. Flow (each pump), gpm _____
 - c. Speed, rpm _____

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- d. Total Dynamic Head, ft _____
- e. Suction temperature, °F _____
- f. Required Submergence (referred to centerline of first stage impeller),ft _____
- g. Pump efficiency, % _____
- h. Brake horsepower, hp _____
- i. Shut-off head, ft _____
- j. Tolerances (when operated at design capacity), %
 - Head _____
 - Efficiency _____
 - Horsepower _____
 - Required submergence (referred to centerline of first stage impeller) _____
 - Shut-off head _____
- k. NPSH required (ft) _____
- l. NPSH Available (ft) _____
- m. Shaft Horsepower (hp) _____
- n. For maximum diameter impeller & BEP _____
 - a) Flow (gpm) _____
 - b) Total head (ft) _____
 - c) Efficiency (%) _____
- o. Max. sound level @ 3 feet, (dBA) _____
- p. Shutoff head (ft) _____
- q. Max temperature rating (°F) _____
- 3. Pump Run-out Operation:
 - a. Flow, gpm _____
 - b. Total dynamic head, ft _____

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- c. Required submergence (referred to center-line of first stage impeller), ft _____
 - d. Brake horsepower, hp _____
- 4. Possible head increase at no added cost, ft _____
- 5. Minimum recirculation flow, gpm _____
- 6. Required submergence at 120% design flow, ft _____
- C. Design and Construction Features
 - 1. Pump type (or Model Number) _____
 - 2. Number of stages _____
 - 3. Impeller arrangement (or type) _____
 - 4. Pump design pressure, psig _____
 - 5. Fluid _____
 - a. Temperature (°F) _____
 - b. Specific Gravity _____
 - 6. Suction Connection:
 - a. Size, in. _____
 - b. Flange rating (ASME), lb _____
 - c. Flange type _____
 - 7. Discharge Connection:
 - a. Size, in. _____
 - b. Flange rating (ASME), lb _____
 - c. Flange type _____
 - 8. Materials (ASTM specification and grade):
 - a. Suction bell _____
 - b. Discharge head _____
 - c. Column pipe _____

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d.	Impeller	
e.	Shaft	
f.	Shaft sleeve	
g.	Shaft tube	
h.	Bowl	
i.	Diffuser	
j.	Bearings (pump and shaft)	
k.	Motor-pump couplings	
l.	Wearing Rings (if applicable)	
	Impeller	
	Bowl	
	Casing	
m.	Vent connection	
n.	Baseplate	
o.	Soleplate	
p.	Bolting	
9.	Shaft diameter, in.	
10.	Pump rotation direction (as viewed from driver end)	
11.	Pump and shaft bearing lubrication	
a.	Type	
b.	Number	
c.	Lubrication water requirements	
	Source	
	Flow startup/full load, gpm	/
	Temperature, °F	

VERTICAL PUMPS

- d. Life at design capacity, hr _____
- e. Bearing spans (mm) _____
12. Seals
- a. Type _____
- b. Sealing water requirements
- Source _____
- Flow startup/full load, gpm _____ / _____
- Temperature, °F _____
13. Impeller diameter for same bowl, inch
- a. Actual (with Bid) diameter _____
- b. Maximum diameter _____
- c. Minimum diameter _____
14. Column pipe
- a. Number of sections _____
- b. Diameter, in _____
- c. Thickness (in) _____
- d. Section length (in) _____
15. Pump-motor couplings
- a. Make _____
- b. Type (or model number) _____
- c. Size, in. _____
16. Drawings showing details of the construction of the pump,
Dwg. No. _____
17. Such detailed description of the components parts of the pump required to adequately describe all features of design, construction, and performance of pump,
Page No. _____
18. Detailed description of the impeller shaft fastening arrangement. _____

VERTICAL PUMPS

19. Exterior prime paint. _____
20. Coating(s) by item or selection
- a. Coating _____
 - b. Manufacturer & Designation _____
 - c. Final thickness (in) _____
 - d. Surface preparation _____
21. Item(s) or selection
- a. Coating _____
 - b. Manufacturer & Designation _____
 - c. Final thickness (in) _____
 - d. Surface preparation _____

D. Availability Data

List five (5) recent installations of equipment of comparable size to that specified herein, as manufactured by Bidder, giving capacities, locations, dates of initial operations, and remarks on the performance record (i.e., forced outage, frequency, duration, and causes) of the equipment.

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4.4 WATER ANALYSIS

Ukiah Water Test Results				
Water Analyses:				
Characteristic	Average	Minimum	Maximum	Units
Turbidity	6.28	5.80	7.70	NTU
Settleable Solids	< 0.1	< 0.1	< 0.1	mL/L
Total Suspended Solids	5.60	4.00	7.81	mg/L
Ammonia	0.080	0.031	0.246	mg/L
pH	7.45	6.90	8.57	
Dissolved Oxygen	10.08	5.59	12.86	NTU
Hardness as CaCO ₃	108	100	121	mg/L

Note: Turbidity and TSS abnormal highs removed. These values can reach levels of 87 Turbidity and 71 TSS during rainfall.

June 21, 2022

CITY OF UKIAH

Fish Hatchery Supply Pumps Replacement Ukiah, CA

*Mechanical Equipment Installation
MS-003*

PROJECT NUMBER:

162992

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Mechanical Equipment Installation
MS-003

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REVISION HISTORY				
DATE	REVISED BY	CHECKED BY	APPROVED BY	REVISION
3/19/21	M. Stallings	J. Wiley	J. Marenda	A- Issued For Review
6/21/22	K. Witherspoon	J. Wiley	J. Marenda	0 – Issued For Bid

MECHANICAL EQUIPMENT INSTALLATION

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MECHANICAL EQUIPMENT INSTALLATION

PART 1 - GENERAL

1.1 SUMMARY

- A. This Specification covers the requirements for the installation of mechanical equipment.

1.2 PROJECT DESCRIPTION

- A. The City of Ukiah has two (2) hydro-generation units located near Lake Mendocino, one (1) 1000kW and one (1) 2500kW unit. Currently there are 2 x 50% vertical pumps to pump water to a fish hatchery. This can be fed by gravity, but when that is not possible, the pumps run to provide the water demand. Currently it is requiring both pumps running a majority of the time to provide adequate water so this project will replace the existing pumps with 2 x 100% pumps so there is available redundancy during operation. These new pumps will require new motors, but the existing pumping platform and supports are to be used if acceptable.

1.3 FURNISHED BY CONTRACTOR

- A. Contractor shall furnish all labor, materials, tools, and equipment required for the completion of the following Work as specified herein and as shown on the documents referenced herein and attached hereto:
 - 1. Receive, inspect, unload, store, move from storage, rig, and set in place all mechanical equipment. This specification includes the new vertical pumps, motors, and any piping required to connect new equipment with existing piping.
 - 2. Assemble, weld, align, shim, grout, and bolt down equipment.
 - 3. Evaluate existing pump support structure and design and furnish any upgrades required to provide support for new pumps and motors.
 - 4. Furnish and install all supplementary and miscellaneous steel, supports, guards, bolting, and other items required to form a complete installation.
 - 5. Design, furnish, fabricate, install, and test all piping required to incorporate new pumps with existing piping system.
 - 6. Evaluate existing pipe supports and modify or replace as needed.
 - 7. Perform all other work necessary for complete installation of all mechanical equipment.
 - 8. Perform all required testing.
 - 9. Removal of existing pumps motors, etc.

1.4 FURNISHED BY OTHERS

- A. The following work will be furnished by Others:
 - 1. Existing Pump platform.
 - 2. Make Electrical connections and supply any required pump starter/MCC.

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1.5 RELATED SECTIONS

- A. ES-113 LOW VOLTAGE MOTORS

1.6 CODES AND STANDARDS

- A. The latest edition and addenda of the following publications in effect on the date of Contract Award are a part of the Specification:
 - 1. Applicable State and Local Codes
 - 2. US Department of Labor, Code of Federal Regulations (CFR)
 - 3. American Concrete Institute (ACI)
 - 4. American Institute of Steel Construction (AISC)
 - 5. American Society of Mechanical Engineers (ASME)
 - 6. American Society for Nondestructive Testing (ASNT)
 - 7. American Society for Testing and Materials (ASTM)
 - 8. American Welding Society (AWS)
 - 9. Manufacturers Standardization Society of the Valve and Fitting Industry (MSS)
 - 10. Pipe Fabrication Institute (PFI)
 - 11. American Water Works Association (AWWA)
 - 12. The Society for Protective Coatings (SSPC)
- B. Contractor agrees, represents and warrants that all services, designs and materials sold or otherwise provided to Owner by Contractor comply with all governing Federal, State and Local laws, regulations and codes of place of installation, and all applicable specifications and standards including, but not limited to, those specified above.
- C. Contractor shall provide a list of major codes and standards, with their effective dates, actually used for the execution of the work.
- D. In the event of any apparent conflict among standards, codes or this Specification, Contractor shall refer the conflict to Owner for written resolution.

1.7 SYSTEM DESCRIPTION

- A. The Powerhouse at Coyote Valley Dam Site has Two (2) Pumps that pump water to a Fish Hatchery. These pumps are to be replaced. See MS-002 Vertical Pump Specification for details. This work is to install pump, confirm suitability of existing pump platform, and make piping modifications to incorporate new pumps into existing system. Individual piping branches from existing pumps are 18", each joining together to 24" pipe. (Details on 001-BM2 Sheet 2) Each pump branch has an air relief valve, anti slam check valve, and butterfly valve that should be reused unless the new pump discharge size is larger than 18". Existing piping may need modification depending on the size of the new pumps.

1.8 SUBMITTALS

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A. Information to be furnished with the Bid

1. See MS-002 Vertical Pump Specification for submittal requirements.

1.9 SITE CONDITIONS

A. As Provided by City of Ukiah Building Services

1. Seismic Design Category: D and E
2. Wind Speed: 110 mph
3. Exposure: B or C
4. Snow Load: No snow load since elevation is less than 1,300 foot
5. 60 minute rainfall: 1.5 inches

PART 2 - PRODUCTS

2.1 MATERIALS AND WELDING

A. Materials for Pump shall be per MS-002 Vertical Pump Specification

B. Materials for any replacement piping shall be Carbon Steel and in accordance with existing piping system. Materials for pipes, fittings and accessories shall be new and shall be in accordance with the ASTM specifications. Welded attachments shall be made of materials compatible to piping.

C. Pipe Supports as required:

1. Where not specified, appropriate materials for all pipe hangers, supports, and accessories shall be selected by Seller. Materials shall be in accordance with the ASTM specifications and shall meet the requirements of ASME B31.1 and AISC Steel Specification where applicable.
2. All structural steel and appurtenant materials shall conform to ASTM A36, A500, and A501 as applicable. All structural steel shall be galvanized or painted to be consistent with existing steel.
3. Bolts shall conform to ASTM A307 Grade A; nuts shall conform to ASTM A194; lock washers shall conform to ASTM A436. All bolts and nuts shall be heavy hex type and galvanized.
4. Welding for all pipe hangers and supports shall be in accordance with the requirements of the applicable ASME B31 Code and AWS D1.1.

2.2 EQUIPMENT

A. See MS-002 Vertical Pump Specification for Equipment Requirements.

2.3 COMPONENTS

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A. Pipe Hangers and Supports

1. Contractor shall reset, adjust, modify, or replace as necessary existing supports at tie-in locations.

2.4 ELECTRICAL REQUIREMENTS

- ### A.
- See MS-002 Vertical Pump Specification and Motor Specification ES-113 Low Voltage Motors Specification for details.

2.5 INSTRUMENTATION AND CONTROL REQUIREMENTS

- ### A.
- See MS-002 Vertical Pump Specification for details.

2.6 CIVIL AND STRUCTURAL

A. Pipe Supports Supplementary Structural Steel

1. Seller shall design, furnish and fabricate all supplementary steel required to support the piping.
2. Seller shall design, furnish and fabricate all brackets and bracings, including additional bracings required to properly distribute the lateral loads to the building walls.
3. Supplementary structural steel to support piping shall be designed to carry the required loads in accordance with AISC Specification.

B. Welding and Bolting to Structural Members

1. Provisions for welding to the structural members for hanger support, except as noted herein, shall be made only with Purchaser's permission. Plans for drilling in the flanges of structural members shall be restricted to the end quarters of the members.
2. Fillet welding is permitted along the entire length of the flanges of structural members provided the weld runs parallel to the longitudinal axis of the member. Fillet welding perpendicular to the longitudinal axis of members shall be restricted to the end quarters of the member. Weld size shall be determined in accordance with the AISC (ASD) specifications.
3. Bolted connections shall be consistent with materials in original drawings.

2.7 FABRICATION

A. Pipe Fabrication – Applies to piping needed to mate existing piping to new Pumps.

1. General
 - a. All piping fabrication shall be in accordance with the tolerances specified in PFI Standard ES-3.

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- b. Pipe fabrication and assembly shall be by welding, except where flanged joints, screwed connections, or other types of mechanical joints are indicated on the Piping Drawings, or in the Piping Line List. The piping shall be of maximum available commercial lengths. Where a run of pipe is less than available mill-random lengths, one piece shall be used. Where a run of pipe is greater than available mill-random lengths, one non-mill-random length may be used in the run.
- c. Dimensional requirements for fitting, flanges and gaskets, and bolting shall be as shown in existing drawings or suitable to mate new pump within existing piping. All elbows, unless otherwise specified on the Piping Drawings, shall be long radius.

2. Wall Thickness

- a. The wall thicknesses/schedule furnished shall be as used in existing piping and shown on existing drawings.
- b. Where the nominal wall thickness is specified for straight pipe in the Piping Line List, no allowance has been made for bending. Bending is only allowed where indicated on the drawings, and shall meet the requirements for bending in ASME B31.1.
- c. When the inside dimension of the pipe or fitting is too large to obtain the required nominal machined inside diameter ("C" dimension) the metal required for machining may be provided by depositing weld metal on the inside surface of the pipe or fitting. The deposited weld metal shall extend 1/4 inch minimum beyond the area to be machined, and the end of the deposit shall be ground or machined to a smooth taper free from sharp re-entrant angles and notches. The preheating and postheating practices required by the applicable code shall be performed for this weld deposit.

3. Welding Requirements

- a. Welding for all piping and repair welding for all weld defects shall be in accordance with the requirements of ASME B31.1,
- b. NDE shall be performed prior to PWHT.

4. Joints

- a. Where butt weld ends are used, butt weld joint design shall be in accordance with ASME B16.25, and as follows:
 - 1) For piping 2-1/2 inches and larger, root pass and first pass will be gas tungsten arc welded (GTAW). Balance of the weld to be shielded metal arc welded (SMAW). Weld end preparation shall be in accordance with ASME B16.25, Figure 4 for wall thickness from 0.12 inch to 0.38 inch; Figure 5A for wall thickness greater than 0.38 inch up to 1 inch; and Figure 6A for wall thicknesses greater than 1 inch.
 - 2) Backing rings are not permitted.
 - 3) Open root welding shall be used where the Seller can demonstrate qualified procedures and personnel.
- b. Although nominal pipe sizes 2 inches and smaller are normally specified with plain ends for socket welding, there are some 2 inch butt weld ends specified on fittings reducing from larger sizes.

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- c. Inside diameter mismatch: weld-end preparation for joints with different inside diameters, including connections to valves and equipment, shall be in accordance with ASME B31.1, paragraph 127.3 and Figure 127.4.2 "Welding End Transition".
 - d. Outside diameter mismatch: weld-end preparation for joints with different outside diameters, including connections to valves and equipment, shall be in accordance with ASME B31.1, paragraph 127.4.2 and Figure 127.4.2. "Welding End Transitions".
 - e. Back welding of threaded fittings is prohibited.
 - f. All stress analyzed (hot), small bore pipe fillet welds shall be performed in a manner that satisfies the requirements of ASME B31.1, Table D-1, Note 12 (1.3 SIF).
5. Branch Connections
- a. All branch connections shall be in accordance with the requirements of ASME B31.1 and as specified in the Pipe Class Sheets.
 - b. Whenever piping branch connections (i.e. weldolets, sockolets, latrolets etc.) are specified on Purchaser's Piping Drawings, such branch connections shall be integrally reinforced and suitable for the pressure rating (schedule) of the pipe main run and the branch pipe.
6. Welded Attachments
- a. Seller's scope may include the furnishing and installation of welded attachments on pipes.
 - b. Welded attachments shall include lugs, brackets, and similar devices welded to pipe for hangers, supports, anchors, guides and insulation supports. Weld procedures used to attach such devices shall be compatible with the base material. Where base material requires stress relief, attachment welds shall receive stress relief heat treatment. Welded attachments material shall be compatible with the piping material.
 - c. Unless otherwise specified or shown on the Piping Drawings, insulation supports shall be provided on vertical piping for all insulation thicknesses. Insulation supports shall be 5/16 inch thick collars, 1-1/2 inch wide, spaced at 12 foot intervals along pipe and shall be tack welded to the pipe.
7. Instruments and Instrument Connections
- a. All flow elements shown on the Piping Isometric Drawings will be provided by Purchaser and shall be installed by Seller. Orifice flanges shall be supplied by Seller.
 - b. All thermowells shall be provided by Seller in accordance with the thermowell data sheets and the drawing, "Installation of Thermowells" in Section 4.6. The thermowell data sheets will be furnished to Seller after award. For bidding purposes, the Seller shall furnish and install a thermowell for every TI, TW and TE shown on the P&IDs. Welded type thermowells shall be installed by Seller where shown on the Piping Drawings in accordance with the drawing, "Installation of Thermowells" in Section 4.6. Threaded type thermowells shall be shipped loose to the field. For threaded type thermowells Seller shall provide and install threadolets or equal where shown on the Piping Drawings and in accordance with the drawing, "Installation of Thermowells".

B. Cleaning and Painting

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1. Equipment will be furnished with final painting applied by equipment manufacturer. Manufacturer's applied paint shall be touched up by Contractor, as required, at field welds and on surfaces scratched or abraded during installation.
2. All piping sections shall be thoroughly cleaned of mill scale, heat treating scale, heavy oxide, slag, flux, weld splatter, oil, grease, organic matter, dirt or any other foreign materials.
3. Surface preparation for all steel shall be in accordance with Steel Structure Painting Council Specification SSPC-SP-6 "Commercial Blast Cleaning" as a minimum requirement.
4. Grit blast cleaning, except for lube oil piping, shall be employed as required. The surface of the component shall be blast cleaned no longer than 8 hours prior to coating the component. Sand blasting is not permitted.
5. Lube oil piping shall be thoroughly cleaned by pickling, then rinsed and coated with a rust preventative. Rust preventative used must be compatible with the fluid of the system.
6. External surfaces of uninsulated carbon steel and alloy steel piping, with the exception of machined surfaces and edges prepared for field welding for a distance of 1-1/2 inches from the weld edge, shall be given one (1) shop coat of corrosion resistant primer capable of withstanding temperatures to the design temperature plus 50 °F without loss of protective integrity.
7. Paint shall be applied in accordance with SSPC-PA1 "Shop, Field and Maintenance Painting of Steel."
8. Surfaces shall be finished in accordance with the following schedule:

SURFACE TO BE FINISHED	SURFACE PREP REQUIRED	PRIMER SPECIFICATION	TOP COAT SPECIFICATION
Uninsulated piping not provided with shop primer (temperatures below 300 °F)	SSPC-SP-3 Power Tool Cleaning	#1	#1
Uninsulated piping, components, and equipment with shop primer (temperatures below 300 °F)	Note 3	NA	#1
Uninsulated piping, components, and equipment with shop primer (temperatures between 300°F and 1200°F)	Note 3	NA	#2

Legend:

#1 –Cycloaliphatic Amine Cured Epoxy

Suggested Coating: Carboline Carboguard 890 @ 4.0-6.0 mils DFT, or approved equal.

#2 –Inorganic Polymer

Suggested Coating: Carboline Thermaline 4001 @ 3.5-5.0 mils DFT, or approved equal.

Notes:

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1. Colors to be used for finish coats will be specified by Owner for each system.
 2. All paints shall be VOC complaint per state and local regulations.
 3. Surface preparation shall be as specified above or as per paint manufacturer recommendations, whichever is more stringent.
 4. Number of coats shall be in accordance with manufacturer's instructions.
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9. Surface preparation, paint and application shall be compatible, and shall be in accordance with paint manufacturer's recommendations.
 10. Prime coating is not required on piping which will be insulated, as identified in the Piping Liner List.
 11. External machined surfaces and edges prepared for field welding shall be protected against corrosion during shipment, storage and installation with one (1) coat of rust inhibiting coating (Deoxalumnite or approved equal) applied after inspection and cleaning.
 12. Stainless steel, copper, or non-metallic piping shall not be painted or coated, but shall be wrapped in kraft paper, polyethylene, or crated.
 13. All of the above work shall be done in accordance with Seller's written procedures.

C. Marking

1. All pipes and components shall be legibly marked with identifying pipeline number and piece number as called out on the Piping Drawings in accordance with MSS-SP-25 and PFI ES-11.
2. Each pipe hanger and support shall be legibly marked with its identifying hanger number as shown on the fabrication detail drawings in accordance with MSS SP 58.
3. A corrosion-resistant nameplate shall be attached in a clearly visible and easily accessible location. The pipe support nameplate shall be stamped with the following information:
 - a. Purchaser's equipment tag number
 - b. Manufacturer's name
 - c. Manufacturer's model number
 - d. Manufacturer's serial number
 - e. Date of manufacture
 - f. Size, inches

PART 3 - EXECUTION

3.1 INSTALLATION

A. Mechanical Equipment

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1. Equipment for installation by Contractor is noted in scope of work.

B. General

1. Mechanical equipment shall be installed in accordance with the attached drawings, equipment manufacturer's installation instructions, and technical direction provided by equipment manufacturers' field personnel, where provided.
2. Assembly, erection, and installation of components shipped separately including interconnecting integral piping, valves, fittings, specialties, supports, instruments, controls, and control panels shall be by Contractor.
3. Where anchor bolts are required, contractor shall furnish and install expansion bolts for anchoring of the equipment. The number, location and diameter of the expansion bolts shall be as shown on the equipment manufacturer's drawings or 1/8" smaller than bolt hole when no direction is given on the manufacturer's drawings. The expansion bolts shall be wedge bolt anchors conforming to Federal Specification FF-S-325, Group II, Type 4, Class 1. The installation of the expansion bolts shall be in accordance with the manufacturer's written instructions.
4. Uncrating and removal of protective coverings where provided shall not be done before equipment is ready for installation. Ropes and slings attached to equipment for handling shall be rigged to prevent distortion of or damage to equipment. Contractor shall observe the lift points and weight distribution indicated on the manufacturer's crates and skids.
5. Contractor shall use precision instruments to align equipment. Following alignment, Contractor shall shim, grout, and bolt down the equipment.
6. Contractor shall maintain all equipment in a clean condition. All openings shall always be suitably covered to prevent entrance of dirt and debris into equipment.
7. When weights are indicated in the attached documents, they are approximate, and no price adjustments will be allowed due to variation in actual weights.
8. Contractor shall furnish and install all supplementary and miscellaneous steel, supports, guards, bolting, and other items required to form a complete installation unless otherwise shown or noted on the attached documents.
9. Equipment shall not be rigged from any building steel without written permission from Owner.
10. Contractor shall protect existing floor slabs, building steel, siding and other components during the installation of the equipment. Contractor shall provide heavy timber cribbing to protect the floor slab. Where an existing building component or floor slab is damaged by Contractor, that work shall be repaired, replaced, or otherwise restored to its original condition as approved by, and at no additional cost to, the Owner.
11. It shall be understood and agreed to by Contractor that the work shall be complete in every detail even though every item involved is not specifically mentioned herein.

C. Alignment of Equipment

1. For all separately shipped rotating equipment components (i.e. motors shipped separately from driven equipment), Contractor shall align and bolt-up the drive couplings. Coupling bolts shall not be permanently installed until the correct direction of rotation has been established. All drilling or doweling required for proper alignment shall be performed by Contractor. Couplings shall be aligned using well-braced dial indicators for face and rim readings.
2. For motor-driven equipment shipped shop-assembled, Contractor shall check the alignment. Where misalignment is found, Contractor shall unbolt the coupling, re-align

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and make up the coupling. Re-alignment shall be performed within the bolt and clamp clearances furnished with the equipment.

3. Initial alignment shall be made without external piping connected to the equipment. Following the attachment of external piping to the equipment by Others, Contractor shall recheck alignment. Differences between the rechecked and initial alignment settings shall be reported to Owner. Contractor shall make all adjustments and shall realign the equipment as required.
4. Equipment alignment shall also be rechecked after Owner's system operational tests and plant operational tests (specified in Section 3.3, "FIELD TESTS") at design conditions. Tests will extend for at least the period required for the equipment to attain steady-state operating temperatures. If determined necessary by Owner, Contractor shall realign the equipment after test completion.

D. Equipment Setting

1. Equipment shall be installed plumb and level and shall be set to the lines and elevations shown on the attached documents. Equipment shall be set and grouted in strict accordance with the equipment manufacturer's procedures and/or recommendations.
2. Base, bearing, and leveling plates shall be supported by shims. Use of nuts threaded on hold-down anchor bolts for shimming is not permitted. Shims shall be smooth and made of rust-resistant material and shall not protrude beyond the face of grout when installed. All shims shall be furnished by Contractor unless specified otherwise on the attached documents.
3. Contractor shall grout all equipment bases unless otherwise indicated on the equipment manufacturer's drawings. Pump skids shall be completely filled with grout; top of grout shall be finished to slope outward for drainage. If used, grout shall be furnished by Contractor and shall be performance non-shrink type in accordance with any manufacturer recommendations.
4. Where drain water may get trapped inside the perimeter of a foundation, weep holes shall be furnished in the grouting. Holes shall not be more than 5 feet apart and there shall be 2 holes minimum per foundation.
5. Rotating equipment shall not be grouted until alignment checks have been completed by Contractor.

E. Welding

1. All welding shall be done in accordance with Contractor's written procedures and AWS D1.1.
2. Contractor shall furnish all required welding rods.

F. Owner's Inspection

1. Owner reserves the right to inspect all Work and equipment prior to and after component tests and system operational tests as specified in Section 3.3 FIELD TESTS.
2. Contractor shall provide services to permit Owner's inspections such as, but not necessarily limited to, unbolting of manhole covers and access doors, scaffolding for inspection, removal of foreign materials, removal of belt guards, and tightening of hold down bolts and flanges.

G. Lubrication

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1. Contractor shall provide and install lubricants for rotating and moving equipment components as required by equipment manufacturer's instructions. All such lubrication shall be performed prior to performing equipment operational tests. Contractor shall be responsible for furnishing all labor, materials and equipment for filling and draining oils and lubricants from all equipment.

H. Painting

1. Touch-up and finish painting of prime coated equipment to be performed by Equipment Supplier and/or Contractor.

3.2 FIELD QUALITY CONTROL

A. General

1. Upon completion of the installation of individual system and equipment, unless directed otherwise by Owner, Contractor shall make field tests on all the equipment and plant piping systems installed by Contractor in accordance with the requirements specified herein; the Manufacturers' recommendations, testing standards, procedures specified in the applicable Contract Specifications; and the applicable requirements of jurisdictional codes and laws.
2. Each of the test forms (blank) listed in Section 4.4 "MECHANICAL TEST FORMS" shall be conformed to its specific application by filling in all necessary information indicated in the form; the conformed test forms shall be compiled by system into a test program manual and, after Owner's review, shall be used to record and document the results of tests performed by Contractor.
3. All tests shall be made with proper regard for the protection of the equipment, and Contractor shall be responsible for adequate protection to all personnel during such tests. Safety equipment and safety barricades and warning signs shall be provided where necessary.
4. Contractor shall establish and utilize a safety tagging procedure for all the equipment and systems under its responsibility. Contractor shall also cooperate in complying with tagging procedures established by other Contractors and Owner. Damage due to failure to comply shall be the responsibility of Contractor and shall be corrected at no additional cost to Owner.
5. Enough personnel shall be stationed at critical observation points to handle venting and draining functions when filling or emptying equipment and systems during hydrostatic testing; where personnel are widely separated or out of visual contact, adequate means of communication, such as walkie-talkie radios, shall be provided.
6. Test gages, meters, instruments, and measuring devices furnished by Contractor shall have ranges, accuracies, and other features and ratings adequate to each application. A calibration program shall be maintained for test instruments and precision measuring devices showing the dates of calibration, deviations, and identifying the traceable calibration standards.
7. When the specifications or applicable codes and standards call for instruments or measuring devices of a specific type, other types of devices shall not be substituted.
8. Owner reserves the right to witness all tests, including verifications and checks. Contractor shall notify Owner of each test at least 15 days in advance of the date for the test. Where required by applicable codes, Contractor is responsible for obtaining the services of an Authorized National Board Inspector as necessary.

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3.3 FIELD TESTS

A. Piping, Valve and Hanger Tests

1. Nondestructive Examinations

- a. Nondestructive examinations shall be performed in accordance with Chapter VI of ASME B31.1.
- b. Any piping weld not hydrostatically tested or made after hydrostatic testing shall be radiographed.
- c. Contractor shall prepare and maintain a record of each nondestructive examination made.
- d. ASME BPVC, Section I: piping N/A to scope of this work.

2. Leak Testing

- a. Leak testing (both hydrostatic and pneumatic testing) of piping shall be performed in accordance with the requirements of Chapter VI of ASME B31.1.
- b. Piping for water and steam systems having a design pressure of 30 psig and greater or subject to vacuum conditions shall be hydrostatically leak tested.
- c. All permanent pipe hangers and supports shall be installed and spring hangers set for testing before filling piping with water for hydrostatic testing.
- d. All piping system restraints shall be installed before test pressures are applied.
- e. Portions of systems subject to different test pressures shall be isolated and tested separately.
- f. For systems which are subject to vacuum conditions, Contractor shall first check all valve packing and seals to ensure that they will take the positive internal test pressure.
- g. All necessary preparations shall be taken prior to hydrostatic testing to ensure that all welded joints are exposed, any additional supports to take the water weight are in place on the steam lines, and any piping components or equipment not to be subjected to the test pressure are suitably isolated from the system.
- h. Hydrostatic testing water temperature shall not be less than 70 degrees F for all carbon steel and ferritic alloy steel piping 6 inches and larger nominal size with wall thickness greater than 5/8 inch.
- i. Piping to be insulated shall be leak tested before being insulated. Coated and wrapped piping shall be leak tested prior to application of coating and wrapping of field joints and/or fittings.
After leak testing and before burying, coated and wrapped piping shall be subjected to holiday testing in accordance with applicable piping specifications. The complete area of the pipe shall be tested, whether the coating is shop or field applied. Contractor shall repair and retest all unacceptable areas attributable to installation at no additional cost to Owner.
- j. Hydrostatic test pressures shall be applied at a minimum of 1.5 times the system design pressures and shall be held for a minimum of 20 minutes and such additional time as may be necessary to examine all possible leakage points.
- k. Pneumatic test pressures shall be applied at a minimum of 1.20 but not more than 1.25 times the system design pressures and shall be held for a minimum of 20

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minutes and such additional time as may be necessary to examine all possible leakage points.

Application of pneumatic pressure in testing shall be in gradual states up to one-half of the ultimate test pressure so that early detection of serious leaks may be made and restricted; thereafter, the pressure shall be raised at increments of one-tenth of test pressure until final pressure is reached.

- l. All leaks detected during testing attributable to installation shall be repaired and retested by Contractor at no additional cost to Owner.
- m. Each leak test performed shall be recorded and documented in form MT-1 "HYDROSTATIC OR PNEUMATIC LEAK TEST."

3. Hanger Adjustment

- a. Contractor shall make all required adjustments to hangers and supports during plant start-up.
- b. Critical System: Not Applicable to this scope of work.

4. Flush Cleaning Test

- a. The following piping systems shall be cleaned internally by flushing with water furnished by Owner:
 - 1) Service water
- b. Flush cleaning shall be performed at design flow rates and shall be continued until the effluent medium runs clear and contains no foreign matter or particles exceeding 1/8 inch in any dimension.
- c. Contractor shall prepare procedures for internal flush cleaning of piping prior to start of cleaning.
- d. Test results shall be recorded and documented in form MT-7 "FLUSH CLEANING TEST."

B. Equipment Integrity Tests

1. Low Pressure Tank and Equipment Leak Tests

- a. Contractor shall perform leak tests for the low pressure tanks and equipment as specified below
- b. Test results shall be recorded and documented in form MT-2 "LOW PRESSURE TANK AND EQUIPMENT LEAK TEST."

2. Shaft Coupling Alignment

- a. Contractor shall perform shaft coupling alignments for all the equipment installed by Contractor. Alignment results shall be recorded and documented in form MT-3 "SHAFT COUPLING ALIGNMENT TEST."

3. Rotating Equipment

MECHANICAL EQUIPMENT INSTALLATION

- a. Prior to electrical testing by the Electrical Contractor, Contractor shall verify the proper installation of rotating equipment for all the equipment installed by him. Test results shall be recorded and documented in form MT-5 "ROTATING EQUIPMENT TEST."
4. Electrical and I&C Equipment Integrity Tests
 - a. Equipment integrity tests related to the Electrical and I&C will be performed by Electrical and I&C Contractors identified in Section 4.2. Contractor shall provide services, as required, related to all the Electrical and I&C equipment integrity tests.
- C. Equipment Component Tests
 1. Contractor shall provide coordinating services, as required, related to any equipment component tests such as instrumentation and electrical components.
 2. Equipment malfunctions found during the equipment components tests attributable to installation shall be corrected by Contractor at no additional cost to Owner.
- D. System Operational Tests and Plant Operational Tests
 1. System operational tests and plant operational tests will be by Owner to demonstrate compliance of equipment with Owner's purchase specifications.
 2. Contractor shall provide standby labor as and when requested by Owner for the system operational tests and plant operational tests.
 3. Equipment malfunctions found during the system operational tests and plant operational tests attributable to installation shall be corrected by Contractor at no additional cost to Owner.

MECHANICAL EQUIPMENT INSTALLATION

PART 4 - ATTACHMENTS

4.1 MECHANICAL DRAWINGS

- A. 001-BM2 MECHANICAL PLANS, SECTIONS, AND DETAILS**

4.2 STRUCTURAL DRAWINGS

- A. 001-BM2 PUMP PLATFORM FRAMING PLAN, SECTION, AND DETAILS**

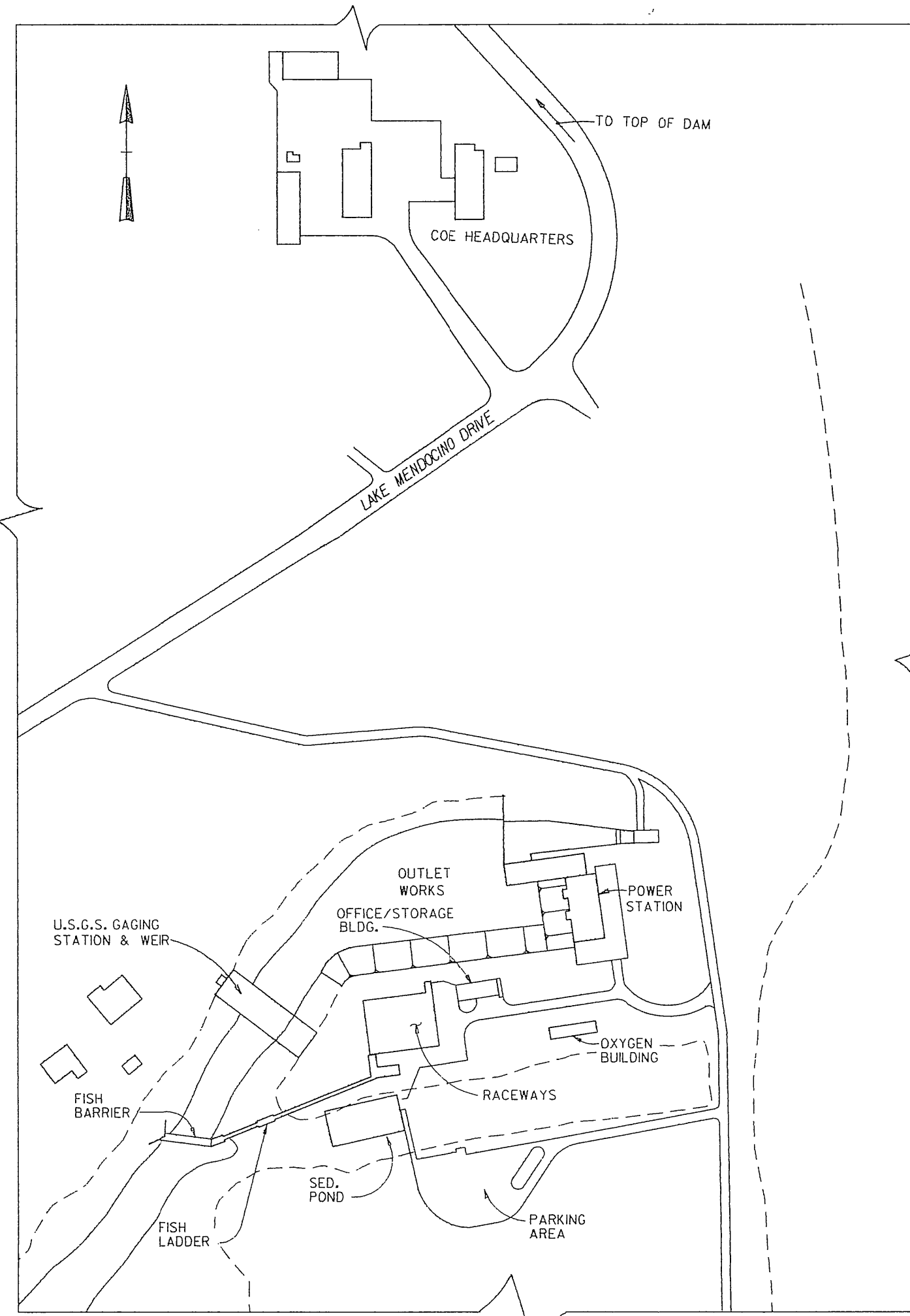
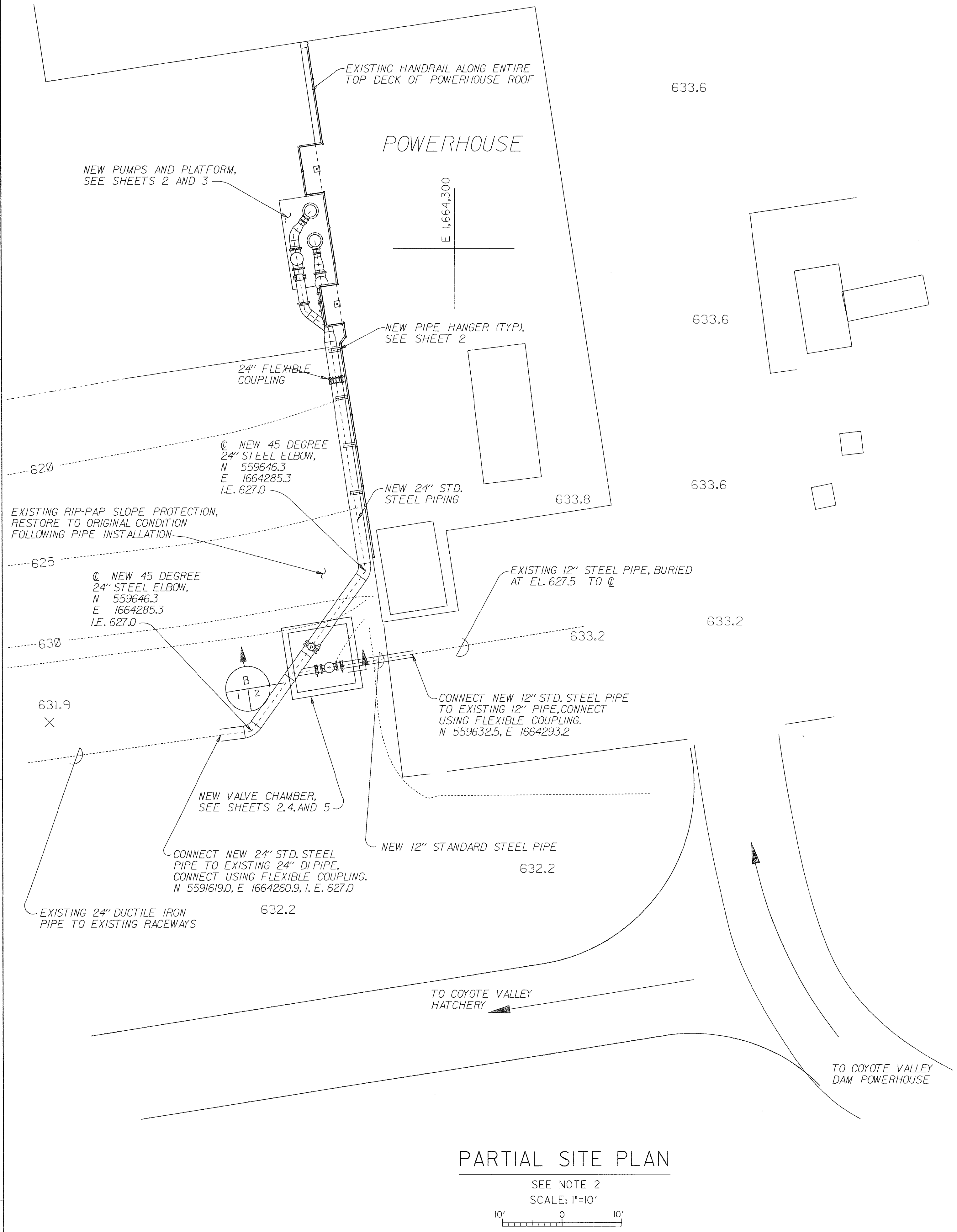
4.3 ELECTRICAL DRAWINGS

- A. 001-BM2 ELECTRICAL PLAN**

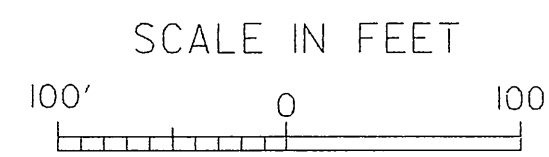
4.4 MECHANICAL TEST FORMS

Note: Drawings included in attachments reflect the existing configuration.

ATTACHMENT 4.1 MECHANICAL DRAWINGS

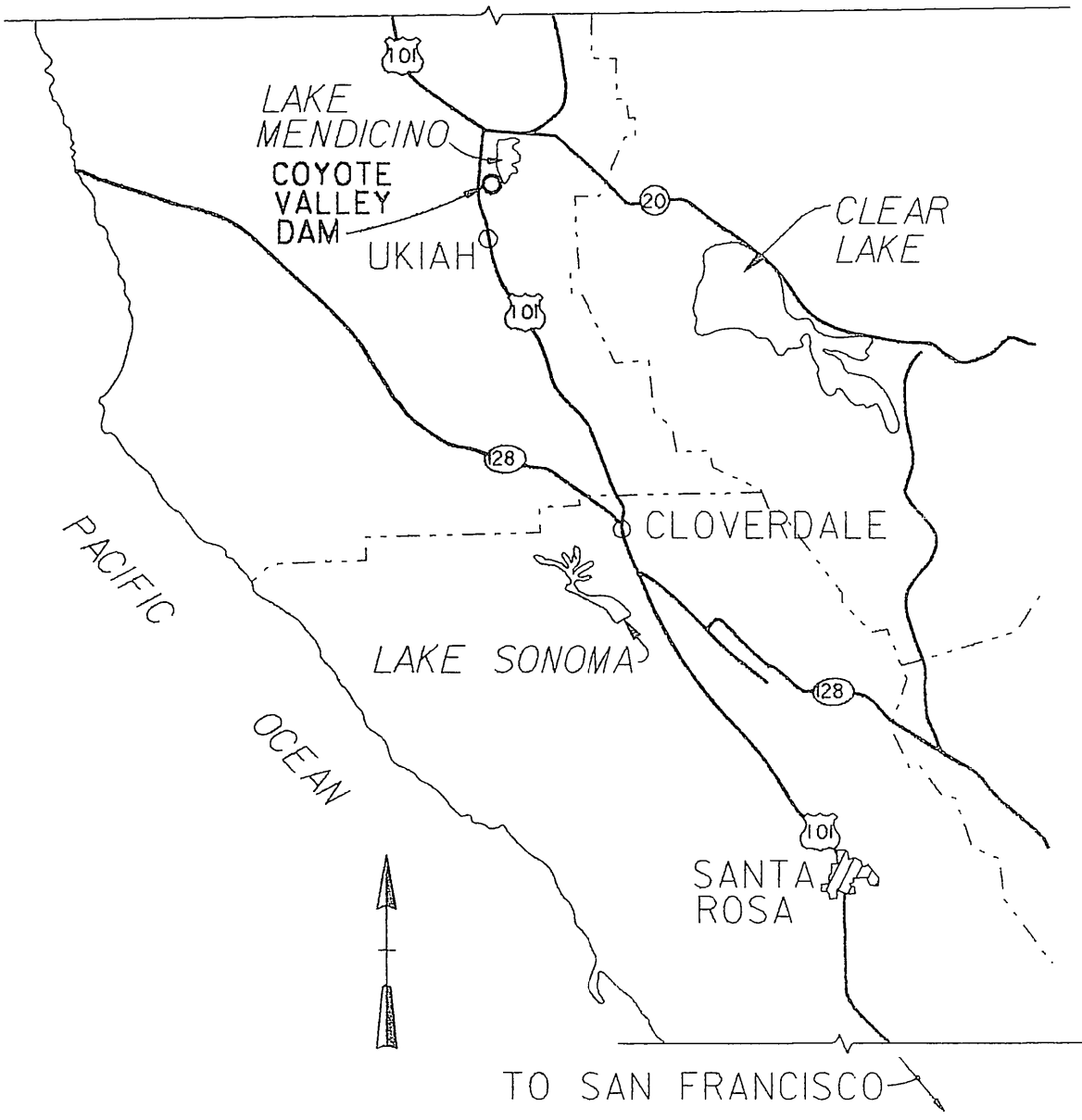


COYOTE VALLEY DAM VICINITY MAP

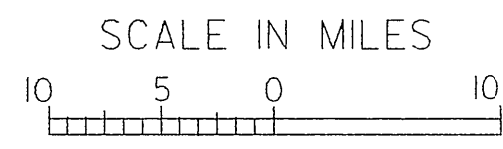


LIST OF DRAWINGS

TITLE	SHEET NO.
LOCATION MAPS, PARTIAL SITE-PLAN AND LIST OF DRAWINGS	1
MECHANICAL-PLANS, SECTIONS, AND DETAILS	2
PUMP PLATFORM-PLANS, SECTIONS, AND DETAILS	3
VALVE CHAMBER-PLANS, SECTIONS, AND DETAILS	4
ELECTRICAL-PLAN, SCHEMATIC, AND DETAILS	5
MISCELLANEOUS UTILITIES	6
INFORMATION ONLY DRAWINGS	
POWER PLANT - GENERAL PLAN	7
POWER PLANT - PLAN & SECTIONS	8
POWER PLANT - CONCRETE OUTLINES	9
POWER PLANT - CONCRETE OUTLINES & SECTIONS	10



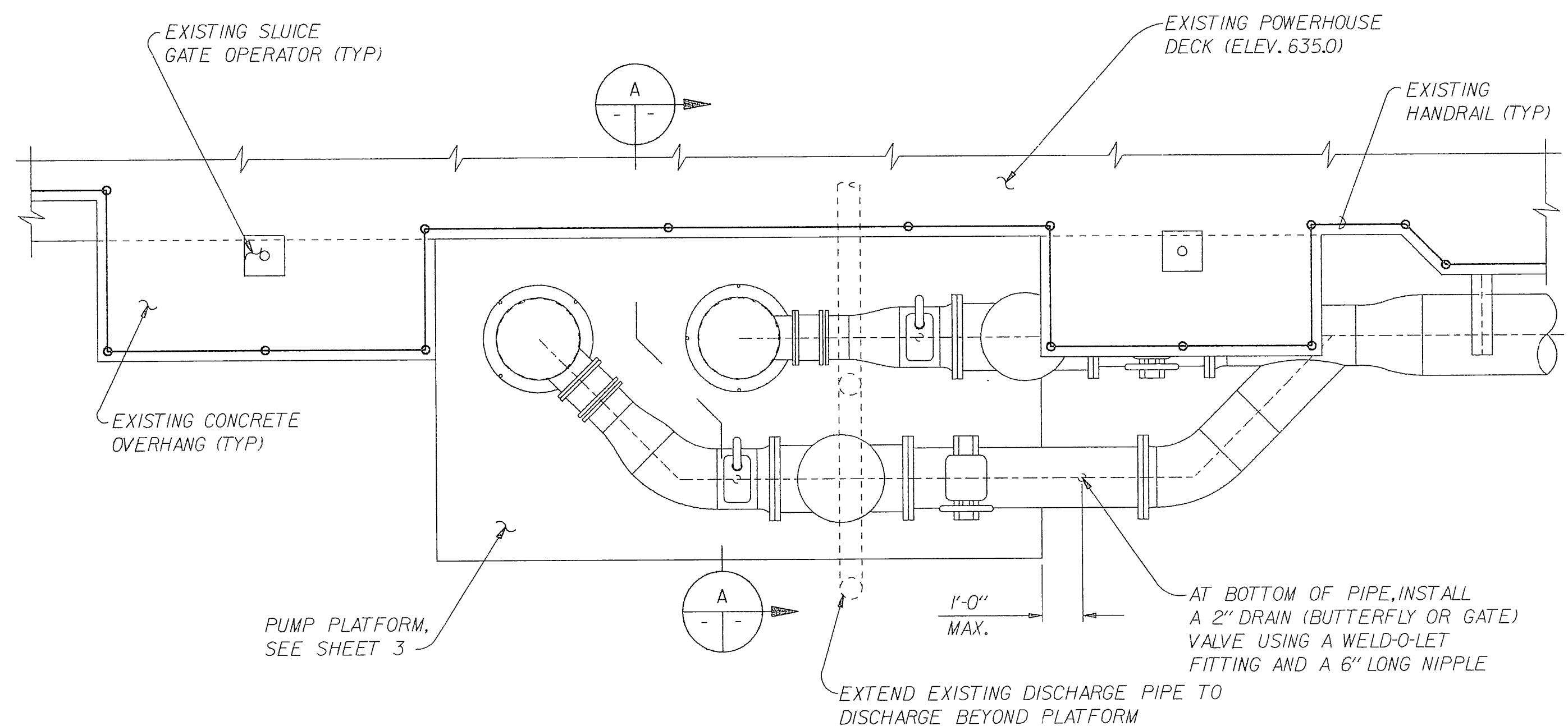
LOCATION MAP - NORTHERN CALIFORNIA



- NOTES:
- COORDINATES ARE APPROXIMATE, FIELD VERIFY.
 - SEE SHEET 6 FOR PARTIAL SITE PLAN SHOWING MISCELLANEOUS UTILITIES TO BE INSTALLED UNDER THIS CONTRACT.

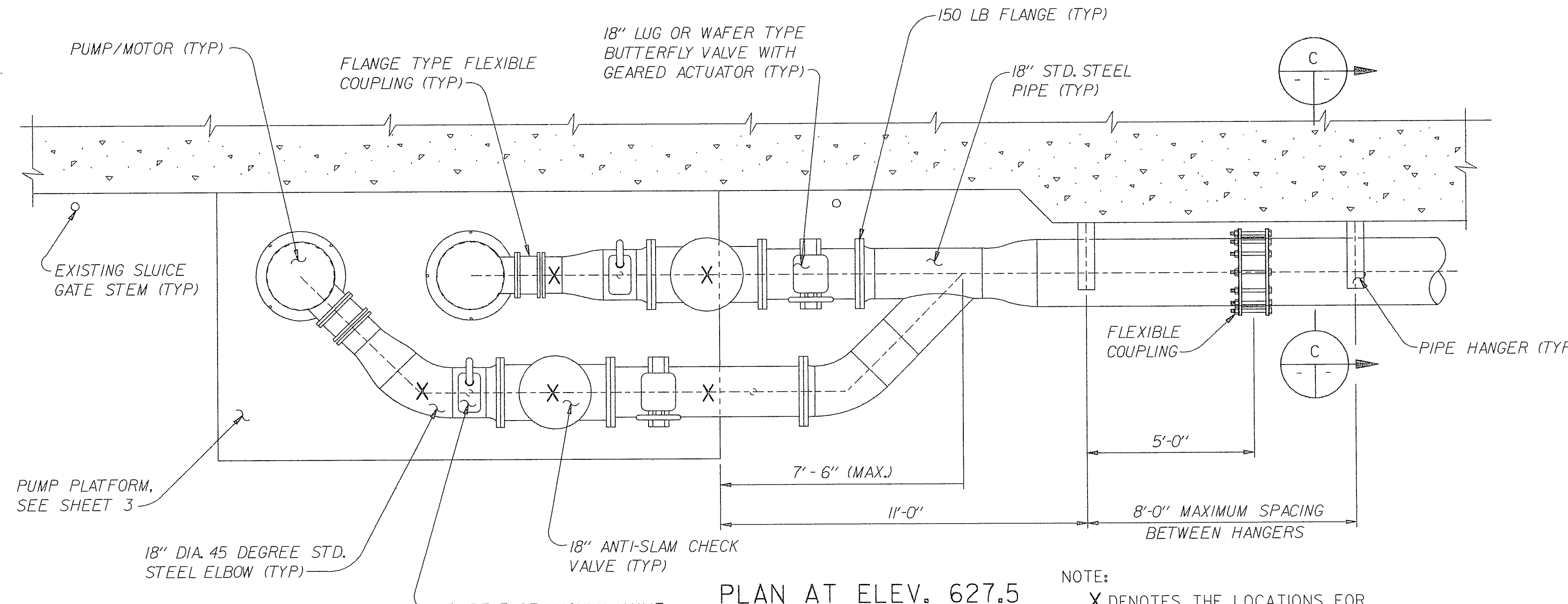


DESIGNED: ROSS	MENDOCINO COUNTY COYOTE VALLEY DAM AND LAKE MENDOCINO PROJECT	CALIFORNIA
DRAWN: V. HENRY / ROSS	COYOTE VALLEY DAM FISH MITIGATION LOCATION MAPS, PARTIAL SITE PLAN AND LIST OF DRAWINGS	
CHECKED: V. HENRY	DATE APPROVED 2 Aug. 1991	SCALE SHEET 1
SUBMITTED:	FILE NO. 001-312	SPEC. NO.



PLAN AT ELEV. 635.0

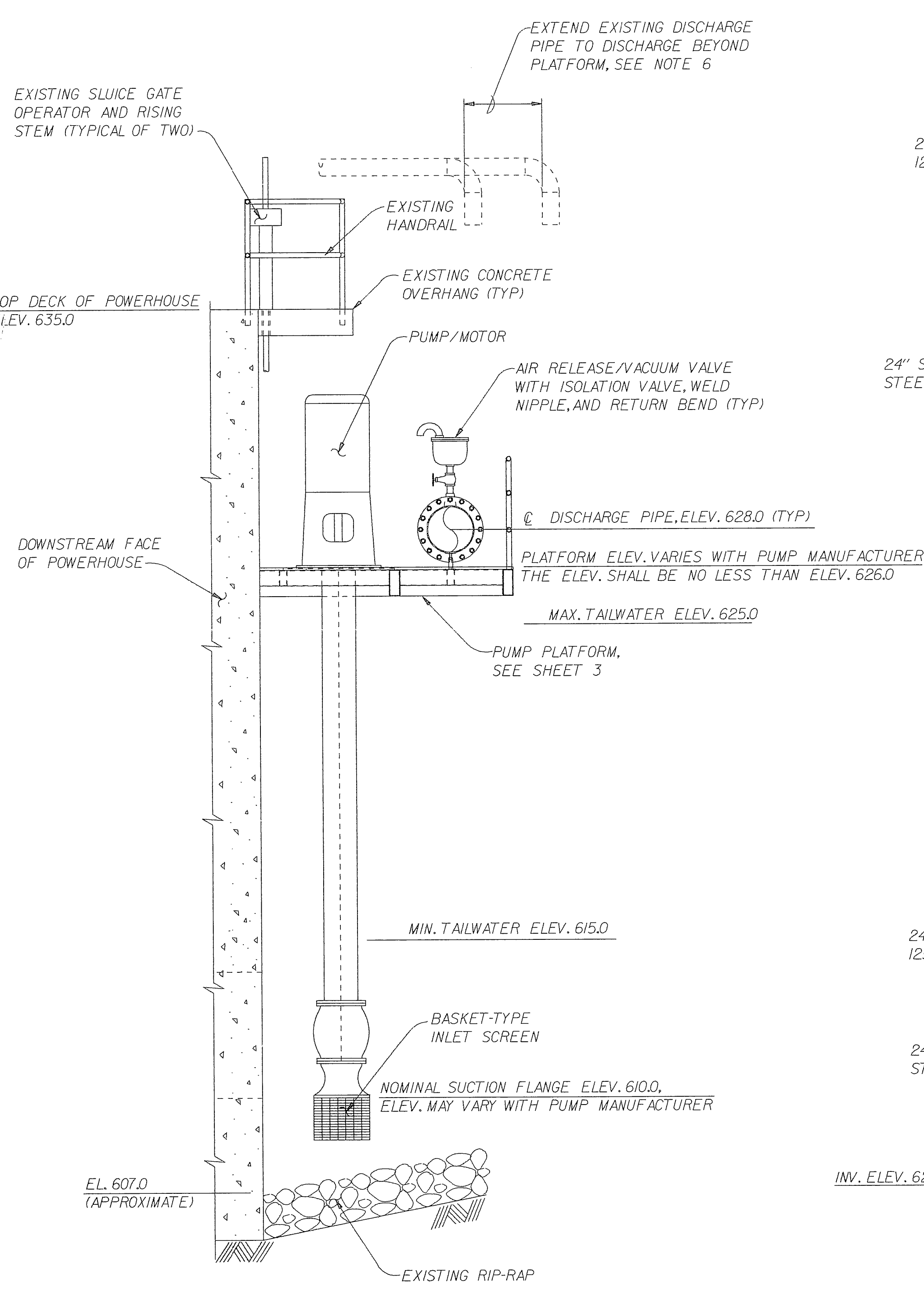
SCALE: 3/8"=1'-0"



PLAN AT ELEV. 627.5

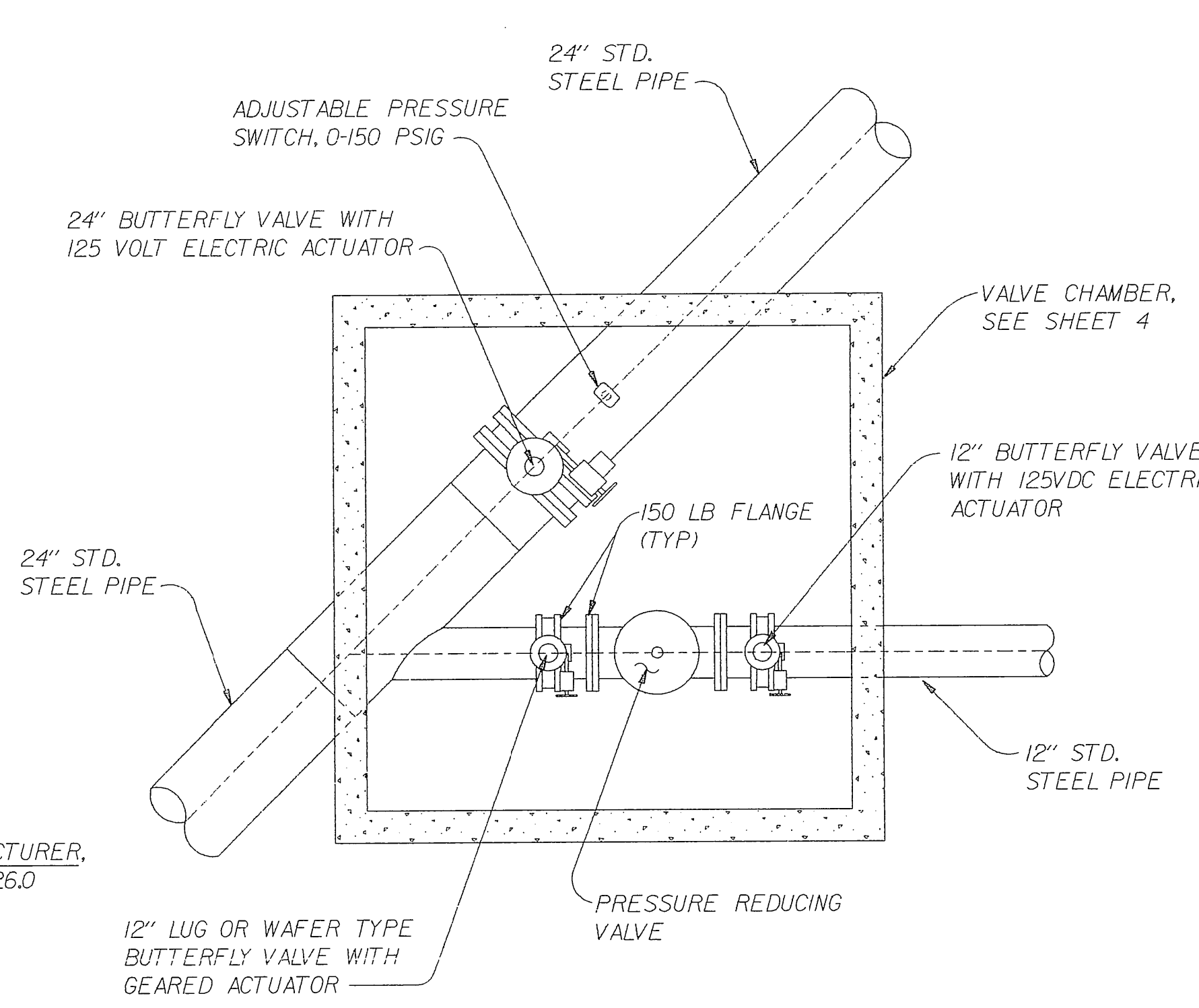
SCALE: 3/8"=1'-0"

NOTE:
X DENOTES THE LOCATIONS FOR
ADJUSTABLE PIPE SUPPORTS.
SEE DETAIL E



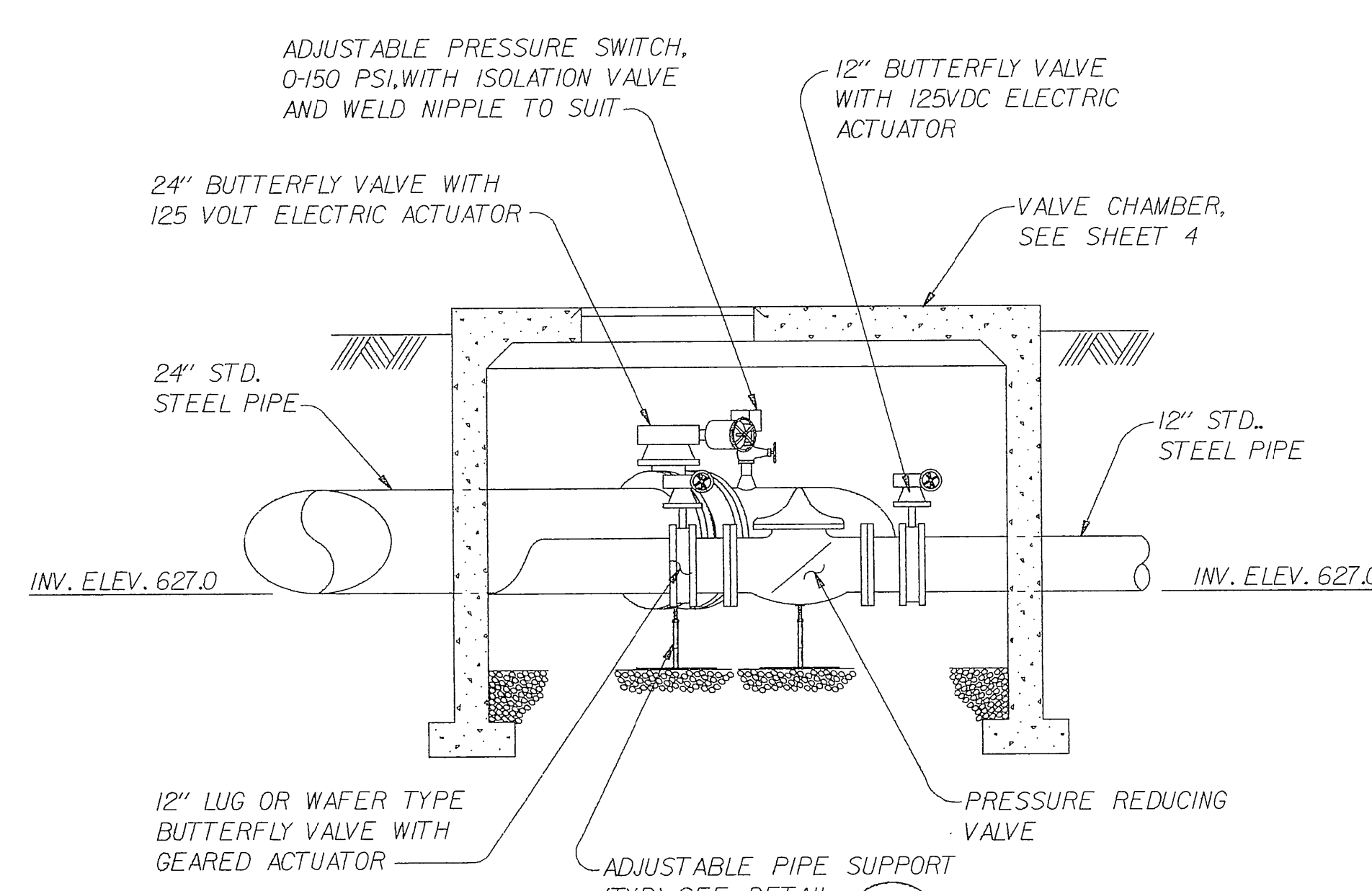
SECTION A

SCALE: 3/8"=1'-0"



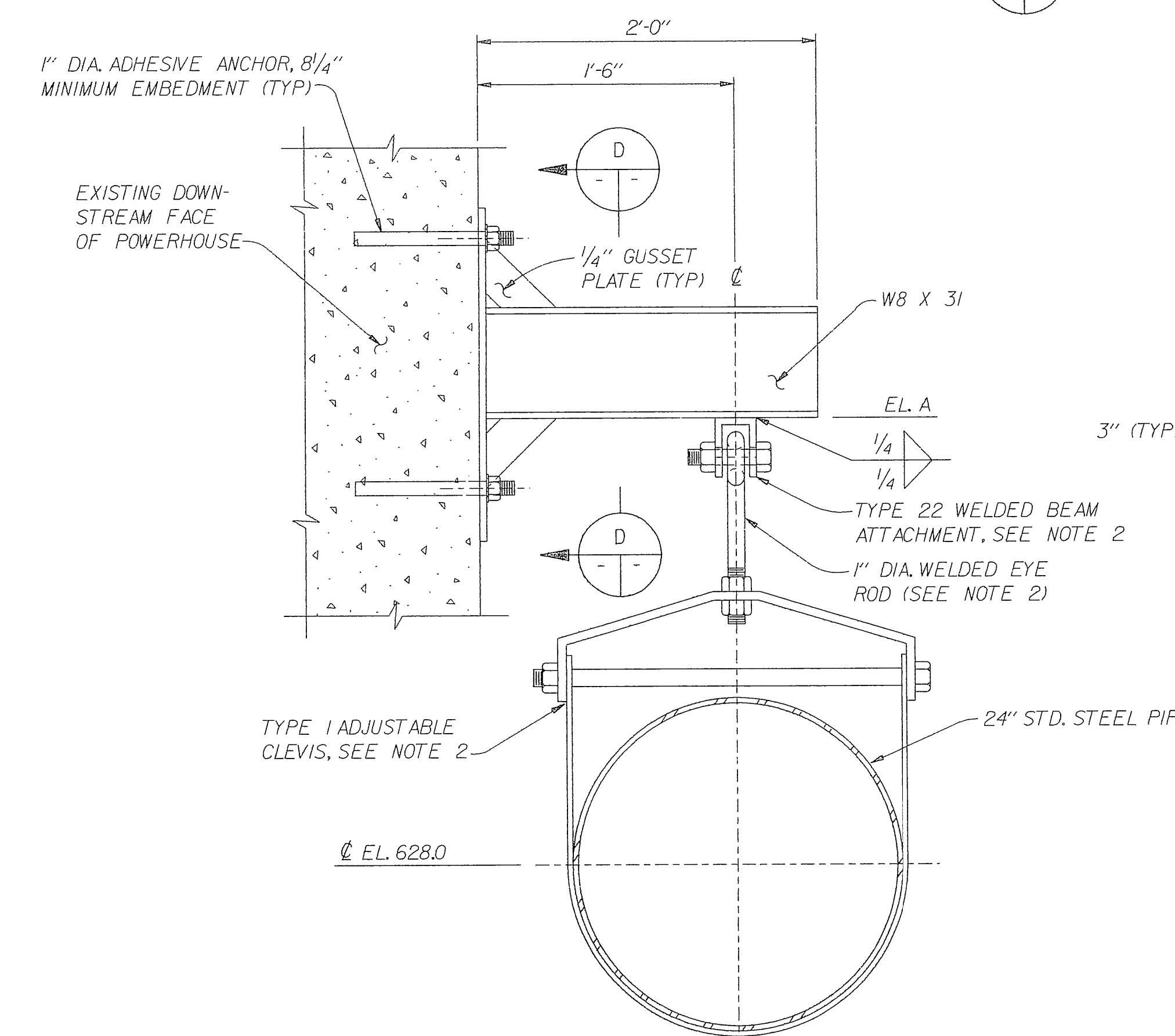
VALVE CHAMBER-PLAN AT ELEV. 630.0

SCALE: 3/8"=1'-0"



SECTION B

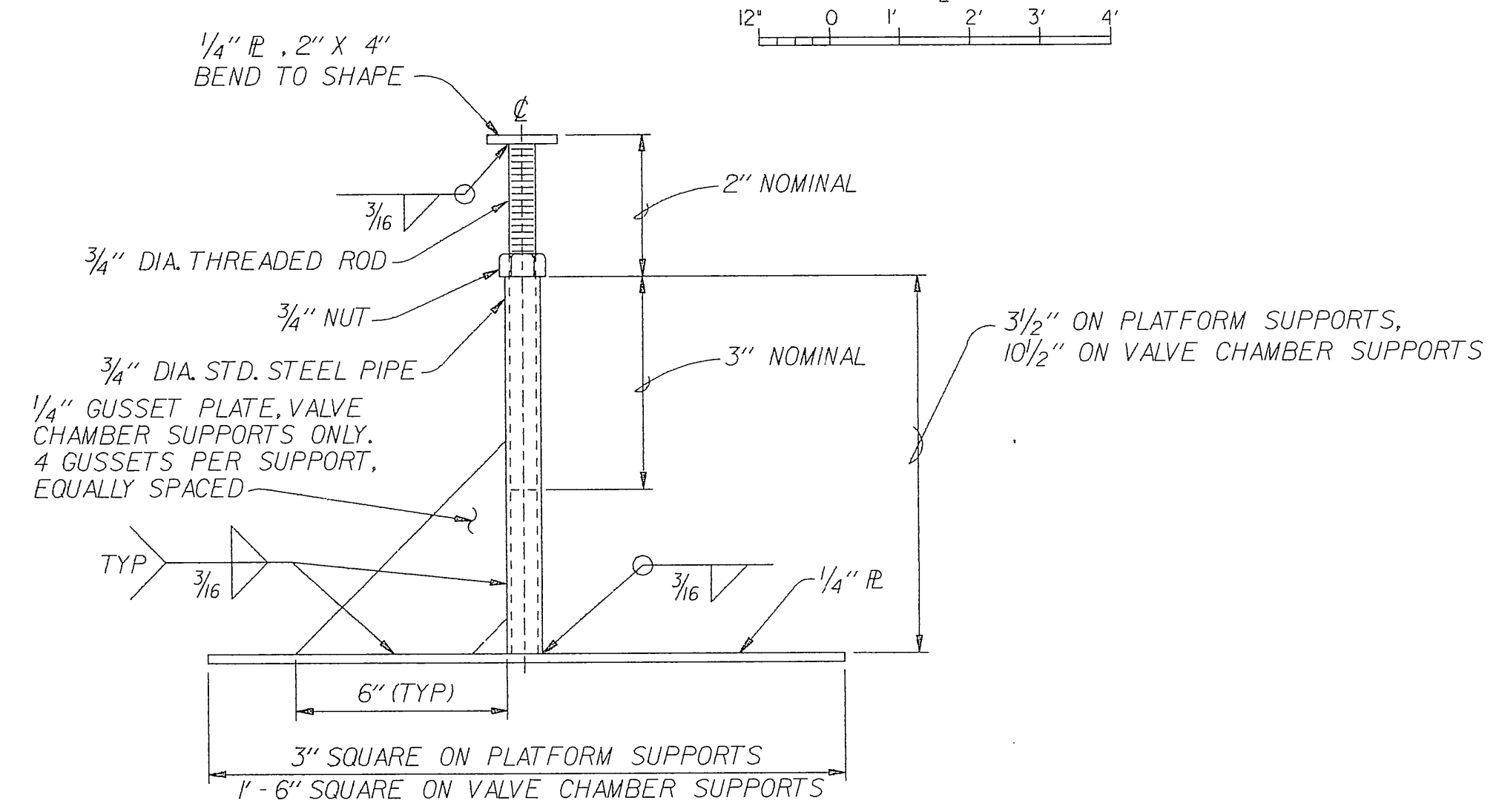
SCALE: 3/8"=1'-0"



SECTION C

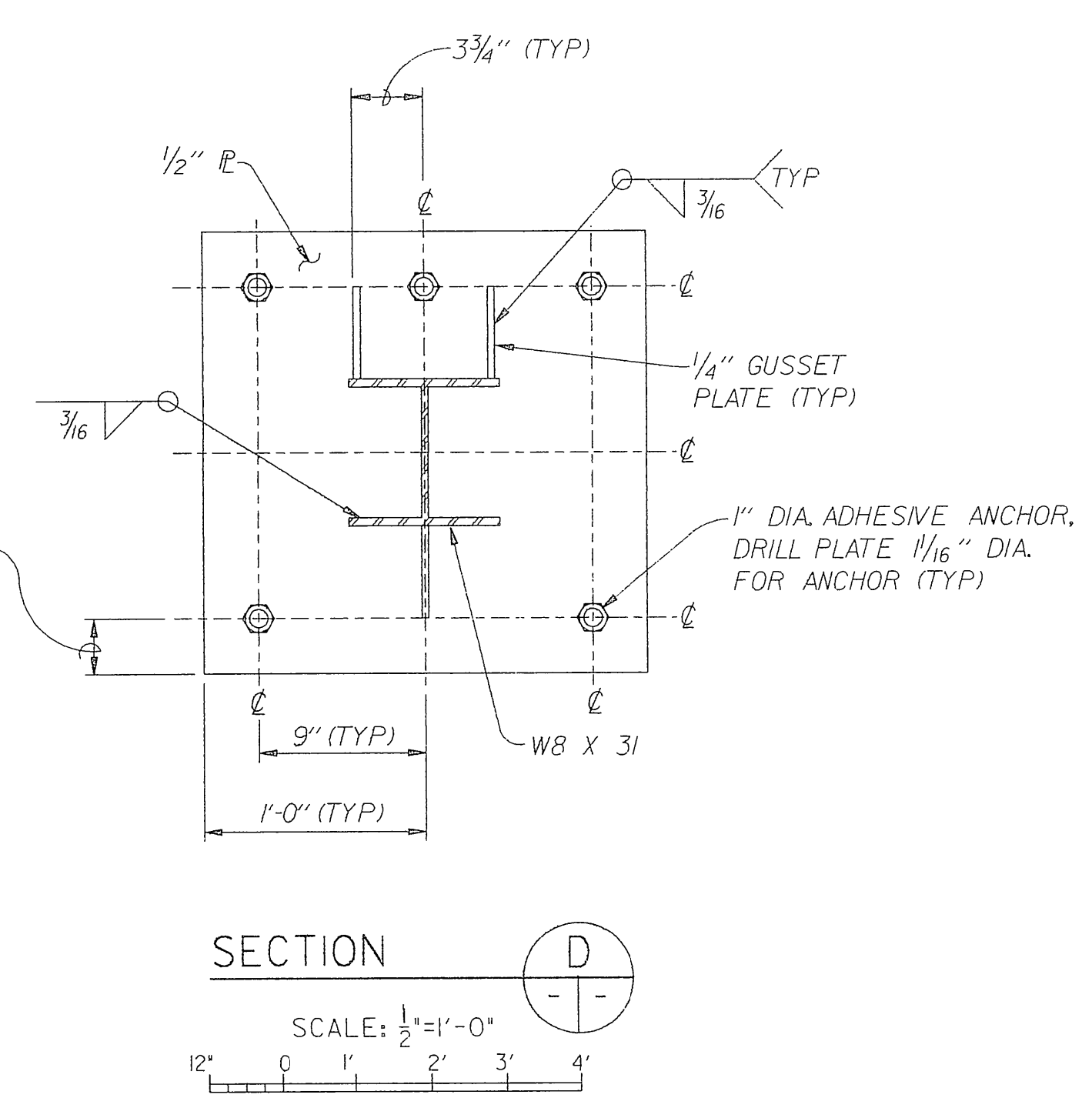
SCALE: 1/2"=1'-0"

NOTE:
COORDINATE ELEV. A
WITH DIMENSIONS OF
HANGER ASSEMBLY



DETAIL E

NOT TO SCALE



SECTION D

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

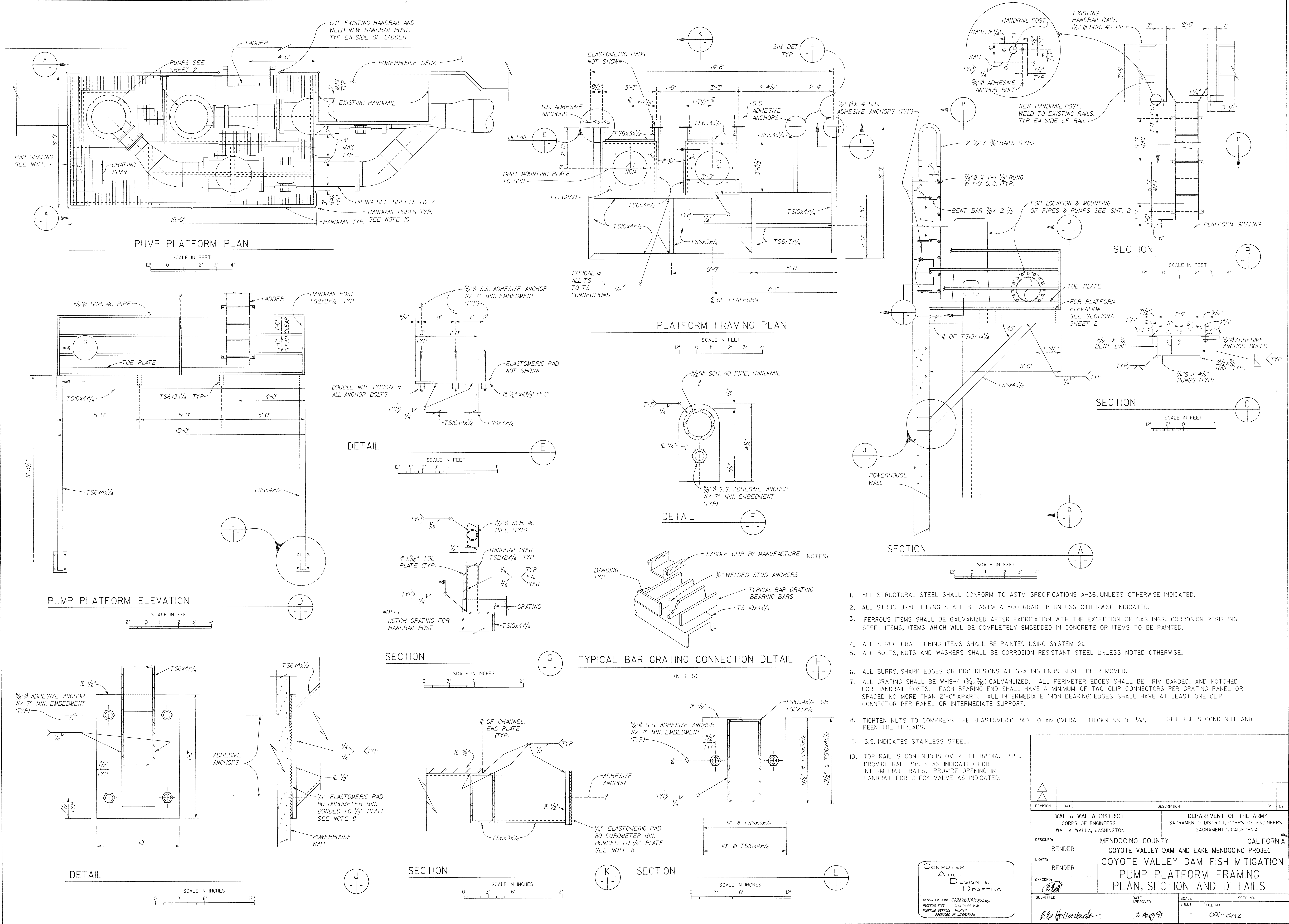
NOTES:

1. ALL ITEMS, EXCEPT FOR THOSE LABELED AS EXISTING, SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR.
2. THE MAXIMUM RECOMMENDED LOAD FOR ALL STANDARD HANGER COMPONENTS SHALL BE AT LEAST 4800 POUNDS (WITH A MINIMUM SAFETY FACTOR OF FIVE).
3. ALL PIPING, UNLESS INDICATED OTHERWISE, SHALL BE STANDARD WEIGHT STEEL AND SHALL BE PAINTED USING SYSTEM 2L.
4. UNLESS INDICATED OTHERWISE, ALL NEW FERROUS METALS SHALL BE PAINTED USING SYSTEM 2L.
5. STRUCTURAL STEEL SHALL CONFORM TO ASTM A36.
6. CUT EXISTING PIPE AND EXTEND LENGTH BY WELDING IN AN ADDITIONAL PIECE. SUPPORT FREE END OF PIPE FROM PLATFORM USING A PIPE SUPPORT FABRICATED FROM 2" STD. STEEL PIPE.

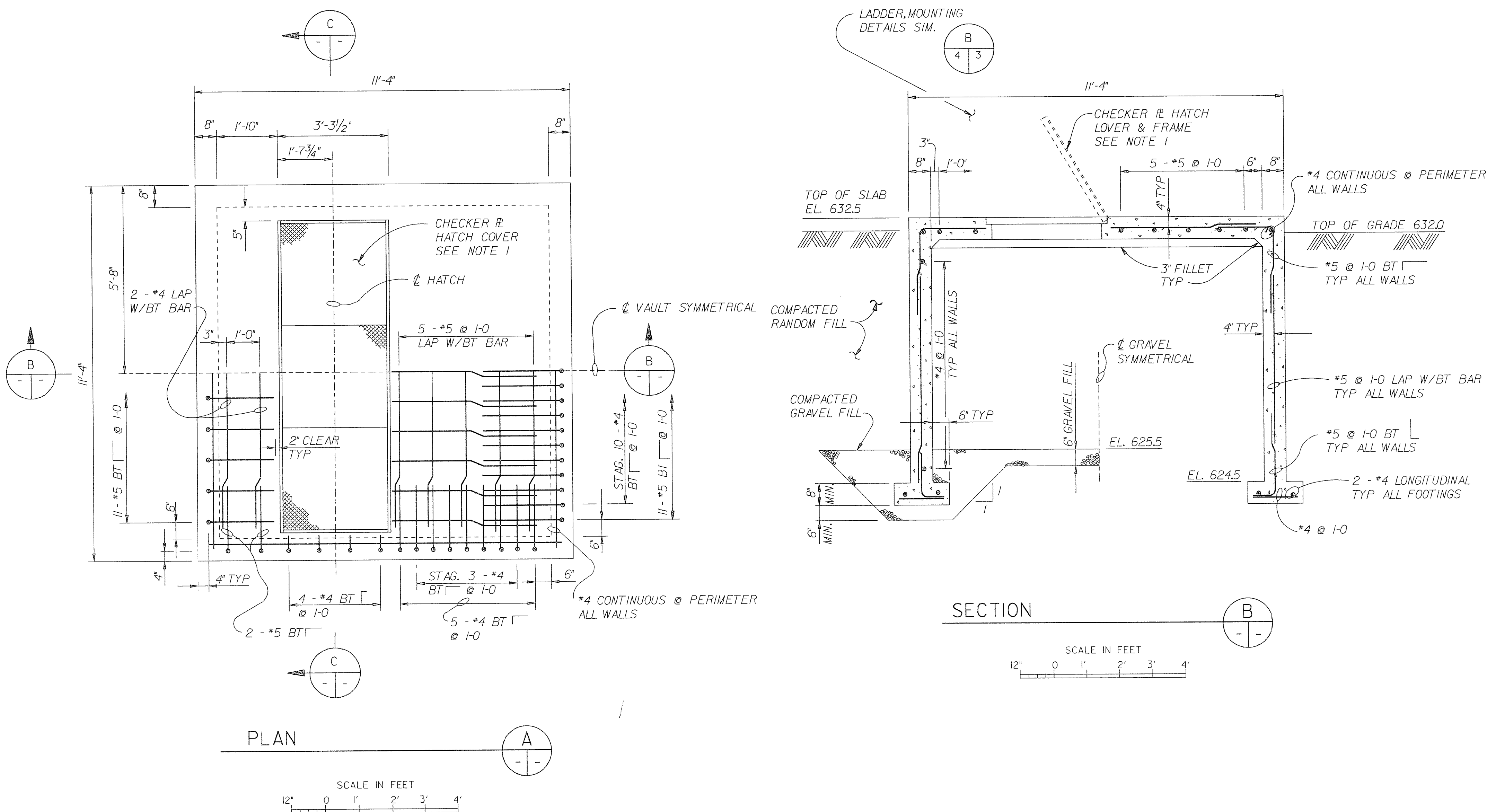
REVISION	DATE	DESCRIPTION	BY	BY

WALLA WALLA DISTRICT CORPS OF ENGINEERS WALLA WALLA, WASHINGTON		MENDOCINO COUNTY COYOTE VALLEY DAM AND LAKE MENDOCINO PROJECT COYOTE VALLEY DAM FISH MITIGATION MECHANICAL PLANS, SECTIONS, AND DETAILS	
DESIGNED: S. ROSS	CHECKED: S. ROSS	DATE APPROVED: 2 Aug 1991	SHEET: 2
FILE NO. 001-B112		SPEC. NO.	

COMPUTER
AIDED
DESIGN &
DRAFTING
DESIGN FILENAME: C:\21\2000\1\1\PUMPSM2.DGN
PLOTTER: HPGL-1000
PLOTTER METHOD: PLOT
PLOTTER: HPGL-1000



FUNCTION ANALYSIS - VE PAYS

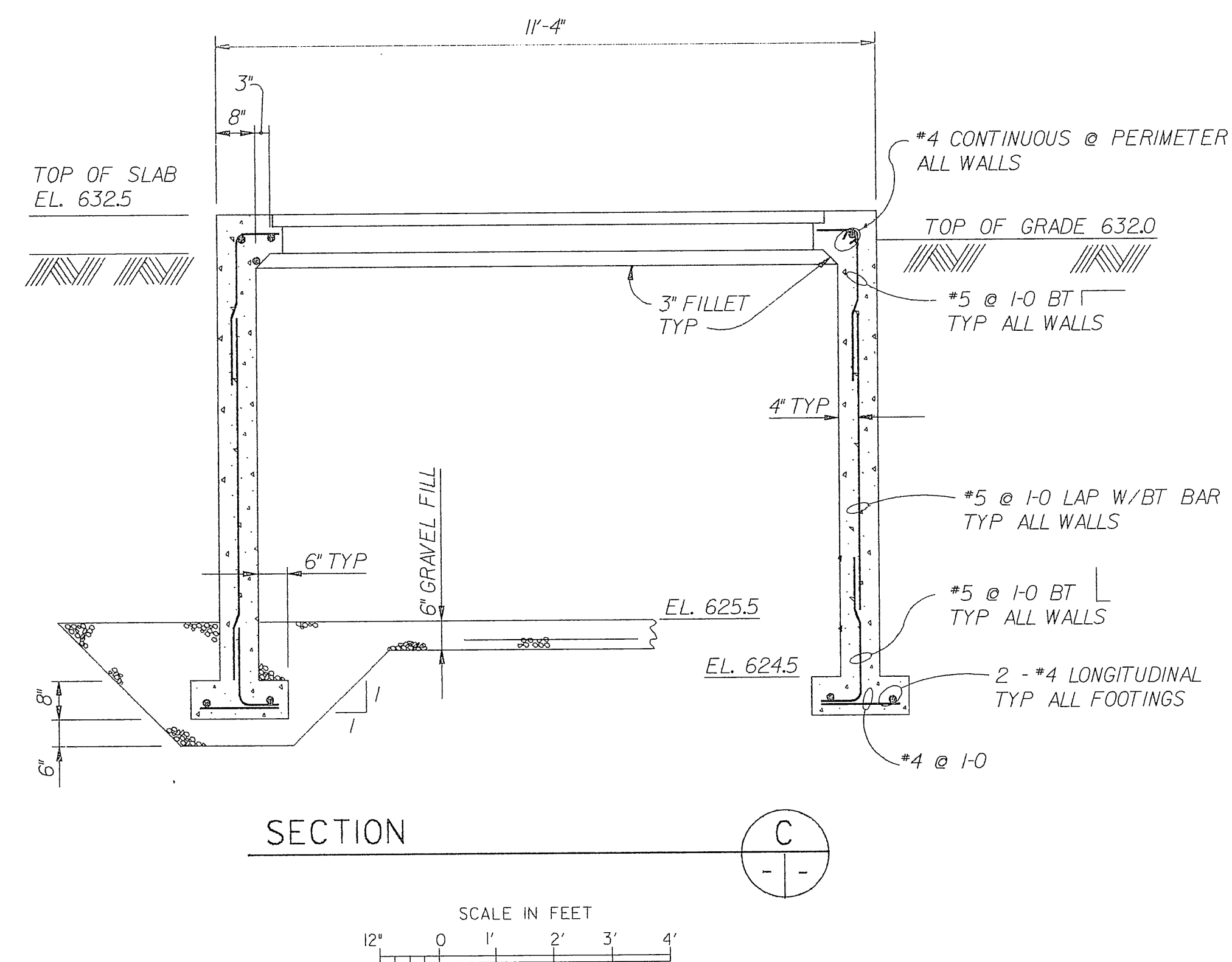


- CONCRETE AND REINFORCING NOTES:
- ALL EXPOSED SAILENT CORNERS AND EDGES SHALL BE CHAMFER $\frac{3}{4}$ " AND ALL RE-ENTRANT CORNERS, EXCEPT WALL TO FLOOR CONSTRUCTION JOINTS, SHALL HAVE A $\frac{3}{4}$ " FILLET UNLESS OTHERWISE INDICATED OR DIRECTED.
 - ALL REINFORCEMENT SPLICES AND EMBEDMENT LENGTHS UNLESS OTHERWISE NOTED SHALL BE AS FOLLOWS:

BAR SIZE	LAP SPLICES IN.		EMBEDMENT IN.	
	TOP	OTHER	TOP	OTHER
3	17	12	12	12
4	23	16	14	12
5	29	20	17	12
6	34	24	20	14
7	44	31	26	18
8	58	41	34	24
9	71	51	43	30
10	92	65	54	38
11	112	80	66	47

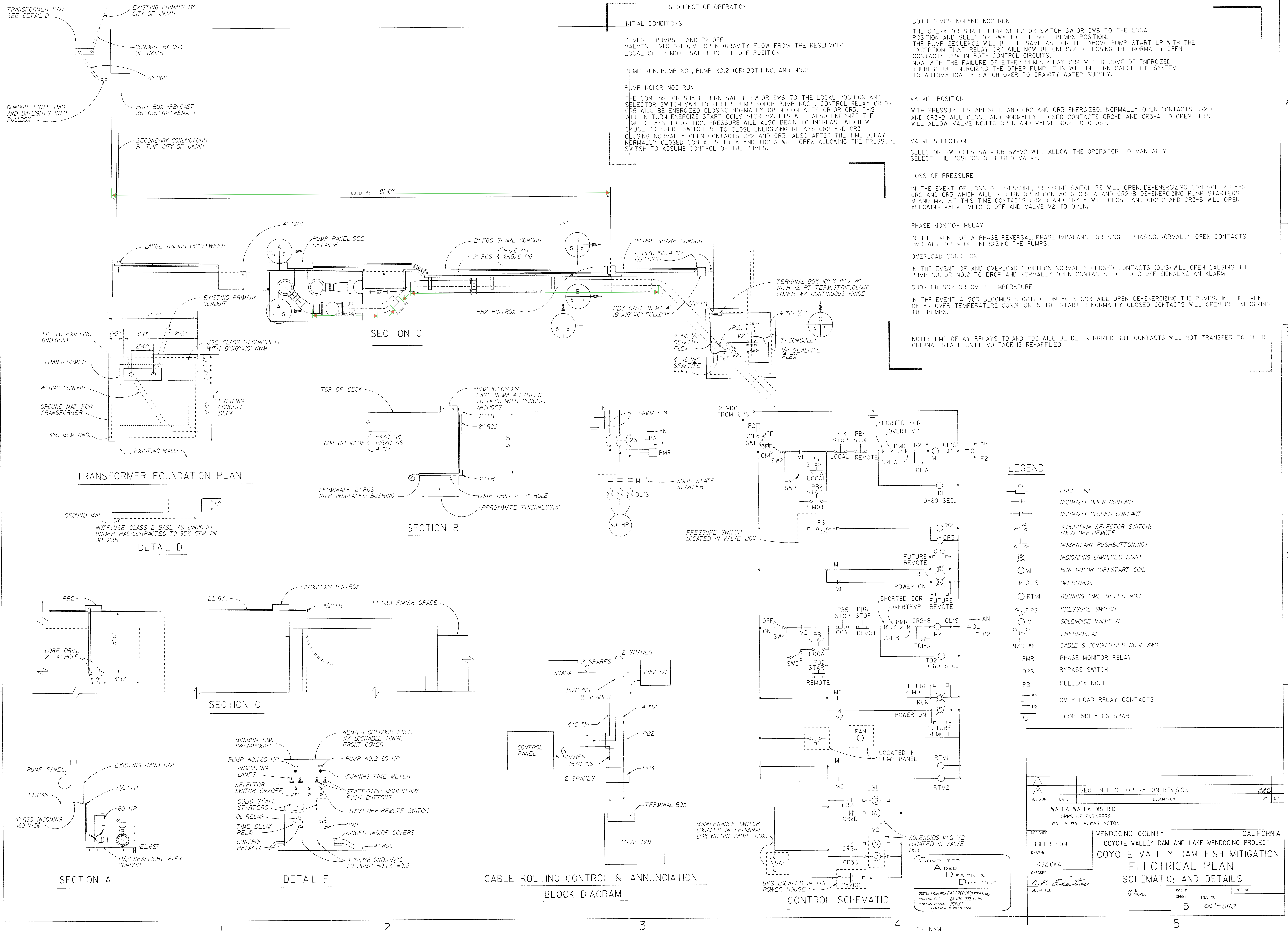
- TOP BARS ARE DEFINED AS ANY BARS WITH MORE THAN 12" OF FRESH CONCRETE ABOVE THEM.
- UNLESS OTHERWISE INDICATED, ALL EMBEDMENT BEYOND FACES OF OPENINGS OR SUPPORTS SHALL CONFORM TO THE TABLE SHOWN ABOVE.
 - UNLESS OTHERWISE INDICATED, ALL HOOKS AND BENDS SHALL BE IN ACCORDANCE WITH ACI STANDARDS.
 - UNLESS OTHERWISE INDICATED, THE CLEAR DISTANCE FROM THE FACE OF THE CONCRETE TO THE MAIN REINFORCEMENT SHALL BE AS FOLLOWS:
- | DESCRIPTION | CLEAR COVER |
|---|-------------|
| WHERE CONCRETE IS DEPOSITED AGAINST GROUND | 4" |
| ALL OTHER SURFACES EXPOSED TO WEATHER, WATER, GIRDERS AND COLUMNS | 2" |
| WALL 16" THICK OR LESS | 1 1/2" |
| SLABS 12" THICK OR LESS | 3/4" |
| | 3/4" |
6. REINFORCEMENT NOMENCLATURE:
- | | |
|---------------------------------|----------------------|
| BOT = BOTTOM | EW = EACH WAY |
| BT = BENT BAR | FF = FAR FACE |
| CC = CENTER TO CENTER (SPACING) | HK = HOOKED BAR |
| CT = COLUMN TIE | IF = INSIDE FACE |
| EF = EACH FACE | LG = LONG OR LENGTH |
| NF = NEAR FACE | T&B = TOP AND BOTTOM |
| STAG = STAGGERED | REIN = REINFORCING |
| STR = STIRRUP | |
- REINFORCEMENT STEEL SHALL HAVE MINIMUM 60,000 PSI YIELD STRENGTH.
 - MINIMUM CONCRETE COMPRESSIVE STRENGTH SHALL BE 4000 psi.

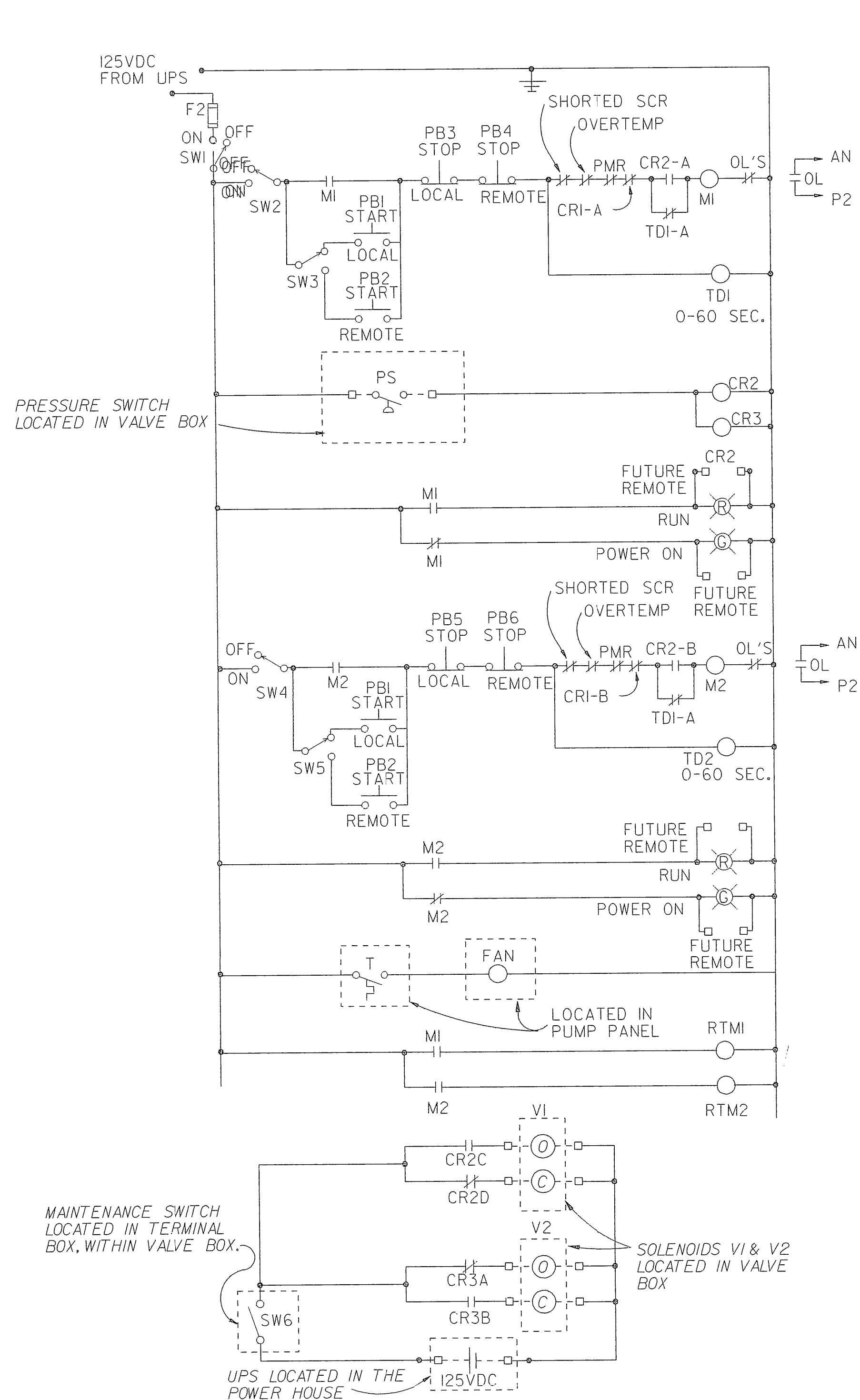
- GENERAL NOTES:
- HATCH COVER SHALL HAVE 3 SEPARATE SPRING LOADED COVERS AS SHOWN IN THE PLAN WITH A STEEL FRAME ASSEMBLY EMBEDDED INTO THE CONCRETE. THE INSIDE CLEAR OPENINGS, FREE OF ANY INTERIOR FRAMING, SHALL BE 2'-10" AND 8'-11". THE HATCH COVER SHALL BE CHECKER PLATED A36 STEEL, RIBBED, TO HANDLE UTILITY TRUCK LOADING. ALL MATERIAL FOR THE HATCH SHALL BE HOT DIPPED GALVANIZED AFTER FABRICATION. THE CONTRACTOR SHALL SUBMIT DETAILS FOR APPROVAL, PRIOR TO INSTALLATION OF THE COVER.
 - THE CONTRACTOR, AT HIS OPTION, MAY SUPPLY A PRECAST CONCRETE UTILITY VAULT. THE VAULT SHALL CONTAIN THE SAME HATCH COVER NOTED. ALL DETAILS OF THE PRECAST UTILITY VAULT SHALL BE SUBMITTED FOR APPROVAL.



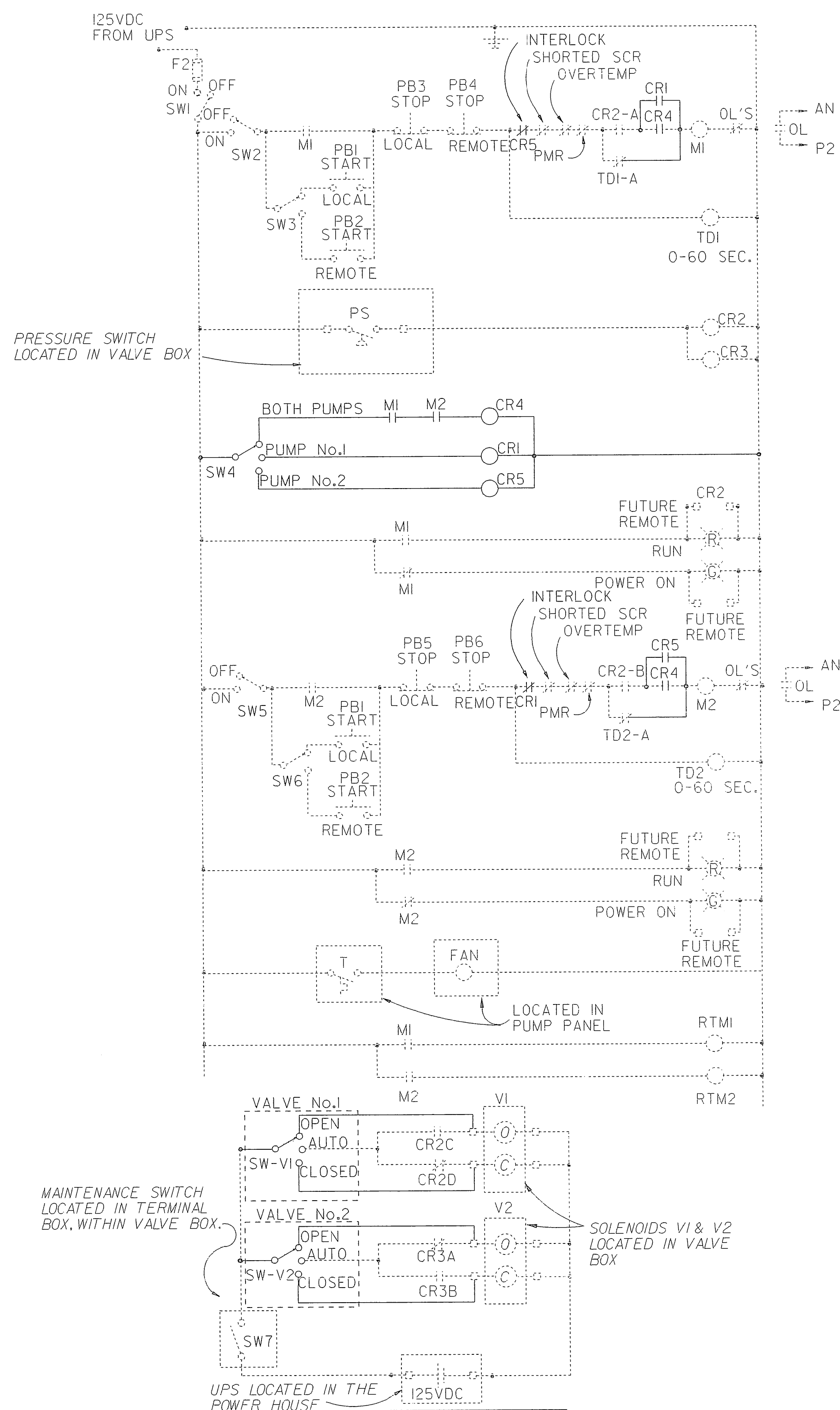
REVISION	DATE	DESCRIPTION	BY	BY
WALLA WALLA DISTRICT CORPS OF ENGINEERS WALLA WALLA, WASHINGTON		DEPARTMENT OF THE ARMY SACRAMENTO DISTRICT, CORPS OF ENGINEERS SACRAMENTO, CALIFORNIA		
DESIGNED:	MENDOCINO COUNTY COYOTE VALLEY DAM AND LAKE MENDOCINO PROJECT			
DRAWN:	COYOTE VALLEY DAM FISH MITIGATION			
CHECKED:	UTILITY VAULT			
SUBMITTED:	PLAN & SECTIONS			
DATE APPROVED:	SCALE:	SHEET:	FILE NO.:	SPEC. NO.:
2 Aug 91	4	4	001-BM2	

ATTACHMENT 4.3 ELECTRICAL DRAWINGS





EXISTING CONTROL SCHEMATIC



MODIFIED CONTROL SCHEMATIC

NOTE: MODIFICATIONS ARE SHOWN IN BOLD

PUMP NO1 OR NO2 RUN

THE CONTRACTOR SHALL TURN SWITCH SW1 OR SW6 TO THE LOCAL POSITION AND SELECTOR SWITCH SW4 TO EITHER PUMP NO1 OR PUMP NO2. CONTROL RELAY CR1 OR CR5 WILL BE ENERGIZED CLOSING NORMALLY OPEN CONTACTS CR1 OR CR5. THIS WILL IN TURN ENERGIZE START COILS M1 OR M2. THIS WILL ALSO ENERGIZE THE TIME DELAYS TD1 OR TD2. PRESSURE WILL ALSO BEGIN TO INCREASE WHICH WILL CAUSE PRESSURE SWITCH PS TO CLOSE ENERGIZING RELAYS CR2 AND CR3. CLOSING NORMALLY OPEN CONTACTS CR2 AND CR3. ALSO AFTER THE TIME DELAY NORMALLY CLOSED CONTACTS TD1-A AND TD2-A WILL OPEN ALLOWING THE PRESSURE SWITCH TO ASSUME CONTROL OF THE PUMPS.

BOTH PUMPS NO1 AND NO2 RUN

THE OPERATOR SHALL TURN SELECTOR SWITCH SW1 OR SW6 TO THE LOCAL POSITION AND SELECTOR SW4 TO THE BOTH PUMPS POSITION. THE PUMP SEQUENCE WILL BE THE SAME AS FOR THE ABOVE PUMP START UP WITH THE EXCEPTION THAT RELAY CR4 WILL NOW BE ENERGIZED CLOSING THE NORMALLY OPEN CONTACTS CR4 IN BOTH CONTROL CIRCUITS. NOW WITH THE FAILURE OF EITHER PUMP, RELAY CR4 WILL BECOME DE-ENERGIZED THEREBY DE-ENERGIZING THE OTHER PUMP. THIS WILL IN TURN CAUSE THE SYSTEM TO AUTOMATICALLY SWITCH OVER TO GRAVITY WATER SUPPLY.

VALVE SELECTION

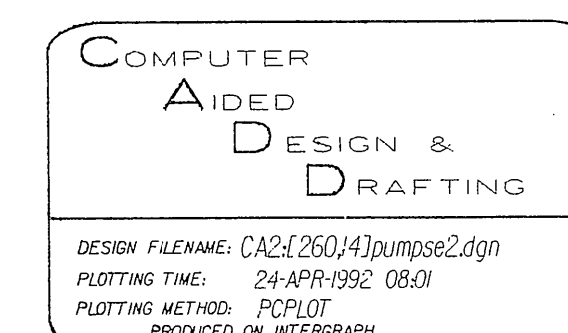
SELECTOR SWITCHES SW-V1 OR SW-V2 WILL ALLOW THE OPERATOR TO MANUALLY SELECT THE POSITION OF EITHER VALVE.

LEGEND

	FUSE 5A
	NORMALLY OPEN CONTACT
	NORMALLY CLOSED CONTACT
	3-POSITION SELECTOR SWITCH; LOCAL-OFF-REMOTE
	MOMENTARY PUSHBUTTON, NO.1
	INDICATING LAMP, RED LAMP
	RUN MOTOR (OR) START COIL
	OVERLOADS
	RUNNING TIME METER NO.1
	PRESSURE SWITCH
	SOLENOID VALVE, V1
	THERMOSTAT
	CABLE-9 CONDUCTORS NO.16 AWG
	PHASE MONITOR RELAY
	BYPASS SWITCH
	PULLBOX NO.1
	OVER LOAD RELAY CONTACTS
	LOOP INDICATES SPARE

NOTE:

- REQUIRED SWITCH POSITION FOR 15 CFS. SW4 IN (BOTH PUMPS) POSITION AND INITIATE PUSHBUTTON PBI FOR BOTH PUMPS. IN CASE OF PUMP FAILURE BOTH PUMPS WILL DROP OUT AND VALVE V2 WILL OPEN ALLOWING GRAVITY FLOW.
- REQUIRED SWITCH POSITION FOR 7 CFS. SW4 IN EITHER PUMP NO.1 OR PUMP NO.2 POSITION. INITIATE EITHER OF BUSHBUTTONS PBI.



REVISION DATE DESCRIPTION BY		WALLA WALLA DISTRICT CORPS OF ENGINEERS WALLA WALLA, WASHINGTON	
DESIGNED: EILERTSON	DRAWN: RUZICKA	CHECKED: C.E. Eilertson	SUBMITTED:
MENDOCINO COUNTY COYOTE VALLEY DAM AND LAKE MENDOCINO PROJECT COYOTE VALLEY DAM FISH MITIGATION ELECTRICAL SCHEMATIC MODIFICATION		DATE APPROVED:	SCALE: 5.1 SHEET: 001-BM2 SPEC. NO.:

MECHANICAL EQUIPMENT INSTALLATION

4.4 MECHANICAL TEST FORMS

<u>FORM NO.</u>	<u>TITLE</u>
MT-1	HYDROSTATIC OR PNEUMATIC LEAK TEST
MT-2	LOW PRESSURE TANK AND EQUIPMENT LEAK TEST
MT-3	SHAFT COUPLING ALIGNMENT TEST
MT-4	ROTING EQUIPMENT TEST

MECHANICAL EQUIPMENT INSTALLATION

MT-1

HYDROSTATIC OR PNEUMATIC LEAK TEST

W.O.NO. _____

TEST PACKAGE NO. _____

STATION _____

SHEET NO. _____

SYSTEM NO. _____

CONTRACT NO. _____

SYSTEM _____

CONTRACTOR _____

REFERENCE DATA

LINE SPEC. _____ TEST PRESS. _____ PSIG DESIGN PRESS. _____ PSIG

TEST FLUID _____ TEST TEMP. _____ °F CODE _____

TEST BOUNDARY DESCRIPTION - ATTACH FLOW DIAG. OR DWG. MARKED TO SHOW BOUNDARY INCLUDING TEMP. CLOSURES, VENTS USED, DRAIN, TEST PUMP CONNECTION, FOR COMPLETE SYSTEMS OR INDIVIDUAL EQUIP. OR PRESSURIZED TANKS, DESCRIBE BELOW:

SPECIAL TEST CONDITIONS (IF APPLICABLE): _____

LEAK DETECTION METHOD _____

TEST PROCEDURE NO./NAME (IF APPLICABLE) _____

TEST DATA

ACTUAL PRESS. _____ PSIG PRESS. DROP _____ PSI TIME AT PRESS. _____

ACTUAL FLUID TEMP. _____ °F METAL TEMP.(IF APPLICABLE) MIN. _____ °F MAX. _____ °F

VISUAL INSPECTION NOTES & REMARKS - INCLUDE LOCATION & DESCRIPTION OF LEAKS REQUIRING CORRECTION OR OTHER CONDITIONS OBSERVED.

DATE STARTED _____

DATE COMPLETED _____

PERFORMED BY _____

WITNESSED BY _____

SUBMITTED (Contractor Engineer):

RECEIVED (Construction Manager Representative):

(Signature) (Date)

(Signature) (Date)

MECHANICAL EQUIPMENT INSTALLATION

MT-2

LOW PRESSURE TANK AND EQUIPMENT LEAK TEST

W.O.NO. _____

TEST PACKAGE NO. _____

STATION _____

SHEET NO. _____

SYSTEM NO. _____

CONTRACT NO. _____

SYSTEM _____

CONTRACTOR _____

REFERENCE DATA

TANK OR EQUIPMENT TAG NO. _____ NAME _____

DESIGN CODE _____ MAX. DESIGN PRESS./LOCATION _____

TEST METHOD: PRESSURIZE ATMOS. FLUID HEAD VACUUM BOX OTHER DESCRIBE BELOW

TEST FLUID _____ TEST TEMP. (IF APPLICABLE) _____ °F

BOUNDARY & TEST METHOD DESCRIPTION (ATTACH SKETCHES OR DWGS. IF NECESSARY):

SPECIAL TEST CONDITIONS (IF APPLICABLE): _____

LEAK DETECTION METHOD _____

TEST PROCEDURE NO./NAME (IF APPLICABLE) _____

TEST DATA - PRESSURE & ATMOS. HEAD TESTS

ACTUAL PRESS. _____ PSIG OR FLUID HEAD _____ FT. TIME AT PRESS. _____

TEST RESULT NOTES & REMARKS - INCLUDE LOCATION & DESCRIPTION OF UNCORRECTED LEAKS, DESCRIPTION OF RESULTS, OR OTHER CONDITIONS OBSERVED.

TEST DATA - VACUUM BOX TESTS

ACTUAL VACUUM USED MIN. _____ IN.HG. MAX. _____ IN.HG.

LEAK DETECTION FLUID _____ MIN. TIME TEST HELD _____

LENGTH OF JOINT TESTED PER APPLICATION (APPROX.) _____ FT. _____ IN.

REMARKS: _____

DATE STARTED _____ DATE COMPLETED _____

PERFORMED BY _____ WITNESSED BY _____

SUBMITTED (Contractor Engineer):

RECEIVED (Construction Manager Representative):

(Signature) (Date)

(Signature) (Date)

FISH HATCHERY SUPPLY PUMPS REPLACEMENT
MTL 315-0165 162992

MECHANICAL EQUIPMENT INSTALLATION
MS-003
REV. 0 6/21/22

MECHANICAL EQUIPMENT INSTALLATION

MT-3

SHAFT COUPLING ALIGNMENT TEST

W.O.NO. _____

TEST PACKAGE NO. _____

STATION _____

SHEET NO. _____

SYSTEM NO. _____

CONTRACT NO. _____

SYSTEM _____

CONTRACTOR _____

REFERENCE DATA

TAG NO. _____ NAME _____

DRIVER H.P. _____ RATED RPM _____ COUPLING TYPE _____

MFGR'S ALIGNMENT REQUIREMENTS _____

SPECIAL REQUIREMENTS (IF APPLICABLE) _____

ALIGNMENT DATA

DATA IS FOR INITIAL ALIGNMENT _____ AFTER PIPE CONNECTED _____ FINAL _____

INDICATOR _____ LAST CALIB. _____

SHOW BRACKET AND INDICATOR MOUNTING SCHEMATICALLY ON DIAGRAM BELOW.

REMARKS: _____

ALIGNMENT PERFORMED BY _____ DATE _____

SUBMITTED (Contractor Engineer):

RECEIVED (Construction Manager Representative):

(Signature) (Date)

(Signature) (Date)

FISH HATCHERY SUPPLY PUMPS REPLACEMENT
MTL 315-0165 162992

MECHANICAL EQUIPMENT INSTALLATION
MS-003
REV. 0 6/21/22

MECHANICAL EQUIPMENT INSTALLATION

MT-4

ROTATING EQUIPMENT TEST

W.O.NO. _____

TEST PACKAGE NO. _____

STATION _____

SHEET NO. _____

SYSTEM NO. _____

CONTRACT NO. _____

SYSTEM _____

CONTRACTOR _____

DRIVEN EQUIPMENT (including overall mounting base or skid)	
IDENTIFICATION DATA	
MANUFACTURER _____ MODEL NO. _____ SER NO. _____ NAMEPLATE RATINGS _____ ACCESSORIES _____	
INSTALLATION CHECKS	
LOCATION/ELEV./LEVEL CORRECT ANCHOR BOLTS TIGHTENED CORRECTLY SHAFT/COUPLING ALIGNMENT COMPLETE SHAFT PACKAGING/SEALED INSTALLED CORRECT LUBRICATION VERIFIED MANUAL ROTATION PERFORMED MGFR. CHECKS & ADJ. COMPLETE SUCTION STRAINER INSTALLED REMARKS: _____ _____	GROUTING COMPLETE _____ TYPE _____ A/B LOCKING: TYPE _____ SAT. ? _____ ALIGNMENT RECORD SHEET ATTACHED _____ PACKING/SEALS CORRECTLY ADJUSTED _____ LUBE & MAINT. RECORDS ATTACHED _____ ROT'N CONDITION _____ MFGR. CHECK/ADJ. RECORDS ATTACHED _____ STRAINER TYPE __ PERM. [] TEMP. []
TRANSMISSION [] N/A (DIRECT DR.) [] GEAR [] BELT [] OTHER:	
IDENTIFICATION DATA	
MANUFACTURER _____ MODEL NO. _____ SER. NO. _____ NAMEPLATE RATINGS _____ ACCESSORIES _____	
INSTALLATION CHECKS	
HOLD-DOWN BOLTS TIGHTENED SHAFT SEALS CONDITION SATISFACTORY CORRECT LUBRICATION VERIFIED BELT TENSION ADJ. CORRECTLY MANUAL ROTATION PERFORMED MFGR. CHECKS & ADJ. COMPLETE REMARKS: _____ _____	HOUSING BOLTS & PLUGS TIGHTENED _____ BELT/COUPLING GUARDS INSTALLED _____ LUBE & MAINT. RECORDS ATTACHED _____ IF VAR. RATIO, SET AT _____ MAN. ROT'N CONDITION _____ MFGR. CHECK/ADJ. RECORDS ATTACHED _____
DRIVER [] ELEC. MOTOR (See motor data sheet) [] AIR MOTOR [] STEAM TURBINE	
IDENTIFICATION DATA	
MANUFACTURER _____ MODEL NO. _____ SER. NO. _____ NAMEPLATE RATINGS _____ ACCESSORIES _____	

MECHANICAL EQUIPMENT INSTALLATION

MT-4 (Cont'd)

ROTATING EQUIPMENT TEST

W.O.NO. _____

TEST PACKAGE NO. _____

STATION _____

SHEET NO. _____

SYSTEM NO. _____

CONTRACT NO. _____

SYSTEM: _____

CONTRACTOR _____

INSTALLATION CHECKS			
HOLD-DOWN BOLTS TIGHTENED _____		COUPLING GUARD INSTALLED _____	
SHAFT/COUPLING ALIGNMENT COMPLETE _____		ALIGNMENT RECORD SHEET ATTACHED _____	
CORRECT LUBRICATION VERIFIED _____		LUBE & MAINT. RECORDS ATTACHED _____	
MANUAL ROTATION PERFORMED _____		ROT'N CONDITION _____	
MFGR. CHECKS & ADJ. COMPLETE _____		MFGR. CHECK/ADJ. RECORDS ATTACHED _____	
REMARKS: _____			
PERFORMED BY: _____ DATE: _____ WITNESSED BY: _____			
SUBMITTED (Contractor Engineer):		RECEIVED (Construction Manager Representative):	
_____ (Signature) (Date)		_____ (Signature) (Date)	

City of Ukiah
Rough Estimate of Costs for Hatchery Pump Replacement

Item No.	Description	Quantity	Unit of Measure	Cost per Unit	Total	Basis
1	Replacement pump and motor, includes shipping to site	2	Each	\$ 100,000	\$ 200,000	Rohrpumpen and Cascade Proposals
2	Siesmic analysis of pump	1	Each	\$ 10,000	\$ 10,000	Rohrpumpen proposal adder item
3	Removal of existing and installation of new pumps	2	Each	\$ 35,000	\$ 70,000	PAMCO proposal
4	Piping modifications for new pump installation	2	Each	\$ 45,000	\$ 90,000	Input from Power estimator, assuming piping at pumps will have to be modified
5	Structural modifications for new pump installation	2	Each	\$ 20,000	\$ 40,000	Input from Power estimator, assuming existing platform elevation will have to be changed
6	Wiring and and other electrical modifications needed to support new pump	2	Each	0	\$ -	By City of Ukiah
7	Testing of new pumps	2	Each	0	\$ -	By City of Ukiah
8	Vendor support for testing of new pumps	5	Days	2500	\$ 12,500	Assume 5 days with travel from Oklahoma and testing
	Subtotal				\$ 422,500	
	Allowance to mobilize and demobilize				\$ 10,000	
	Total				\$ 432,500	



AGENDA SUMMARY REPORT

SUBJECT: Consideration of Adoption of Resolution Approving Records Destruction for the Police Department.

DEPARTMENT: City Clerk

PREPARED BY: Kristine Lawler, City Clerk

PRESENTER: Kristine Lawler, City Clerk

ATTACHMENTS:

1. Resolution

Summary: The Police Department, along with the City Attorney's Office and Police Communications/Records Manager, have reviewed records that have been identified as being ready for destruction. Council is being asked to approve their destruction.

Background: City of Ukiah's Records Retention Guidelines was constructed based on the State of California's recommended retention schedule and various government regulations, as well as recommendations from City departments. The Police Department, along with the City Attorney's Office and Police Communications/Records Manager, have reviewed the Transfer Notice for 13 boxes that are due for destruction per the Guidelines, and have approved them for shredding.

Discussion: The estimated cost for shredding the 13 boxes is \$104. The City Clerk budget includes funds for annual records destruction and no budget amendment is necessary at this time.

Staff recommends that Council adopt the resolution (Attachment 1), authorizing the destruction of 13 boxes of outdated documents, listed attached as Exhibit A to the resolution.

Recommended Action: Adopt resolution authorizing the destruction of outdated documents for the Police Department.

BUDGET AMENDMENT REQUIRED: No

CURRENT BUDGET AMOUNT: \$1,000

PROPOSED BUDGET AMOUNT: \$545

FINANCING SOURCE: 20012500.52100 - City Clerk Contracted Services

PREVIOUS CONTRACT/PURCHASE ORDER NO.: N/A

COORDINATED WITH: Cedric Crook, Police Chief; Tracey Porter, Communications/Records Manager; Darcy Vaughn, Assistant City Attorney

Approved: 
Sage Sangiacomo, City Manager

RESOLUTION NO. 2023-**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF UKIAH AUTHORIZING THE DESTRUCTION OF CERTAIN RECORDS**

WHEREAS, the Police department, along with the City Attorney's Office and the Police Communications/Records Manager have reviewed and approved the list of records that are attached as Exhibit A, and determined that said records are no longer necessary and may at this time be destroyed.

NOW, THEREFORE, BE IT RESOLVED that the Ukiah City Council hereby approves the destruction of certain records, contained in Exhibit A of this Resolution, and authorizes the City Clerk to destroy the records.

PASSED AND ADOPTED this 1st day of February, 2023, by the following roll call vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

Mari Rodin, Mayor

ATTEST:

Kristine Lawler, City Clerk

RECORDS TRANSFER NOTICE

Location	Police Department
Box #	1-13
Title <i>(from Records Retention Schedule; please include number)</i>	1000 – Police
Dates of Contents <i>(mm/dd/yy – mm/dd/yy)</i>	01/01/2013 – 12/31/2013
Department	Police
Name of Person Submitting Box	Tracey Porter
Date of Submission	9/26/2022
Confidential ☐ Public ☒	Retain until 2021

Detailed Listing of Contents:

(Please list contents of box in as much detail as possible; imagine searching for something in this box 10 years from now and needing to use key words for the search engine – please include that type of detail.)

2013 police and traffic accident reports that do not meet the City of Ukiah permanent retention criteria which includes:

1002.10 – Abandon/towed vehicles

1003.04 - Drug arrests/convictions

1003.15 - Felony crimes with or without arrests which do not meet the appeal process.

1003.16 - Infractions/Misdemeanors

1003.39 - Non-criminal occurrences

1004.10 - Reports - Accident

1005.10 - Property Files



AGENDA SUMMARY REPORT

SUBJECT: Adoption of Resolution 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.

DEPARTMENT: City Attorney

PREPARED BY: Darcy Vaughn, Assistant City Attorney

PRESENTER: Consent Calendar

ATTACHMENTS:

1. AB 361 Findings Reconsideration for All Legislative Bodies

Summary: The City Council will consider adopting a resolution reconsidering the circumstances of the state of emergency and implementing teleconferencing requirements for public meetings of the Council and all City Commissions and Boards during the current state of emergency due to the COVID-19 pandemic.

Background: The City Council is being asked to consider adopting a resolution authorizing continued remote meetings of the Council and its subordinate legislative bodies due to the imminent risk to the health and safety of attendees due to possible transmission of COVID-19 and the recent spread of variants. The current County health orders strongly recommends masking in all indoor facilities due to health and safety concerns. COVID-19 is highly transmissible in indoor settings and requires multi-component prevention strategies to reduce its spread. The California Department of Public Health is currently investigating the length of vaccine protection. The Center for Disease Control and Prevention recommends avoiding indoor spaces that do not offer fresh air from the outdoors as much as possible. Returning to meeting in the Council Chambers or smaller conference rooms means being in an enclosed space for meetings that commonly last for one to five hours and would seem to create additional exposure for participants to a possible transmission of the virus.

The Ralph M. Brown Act ("Brown Act") requires that all meetings of a legislative body of a local agency be open and public and that any person may attend and participate in such meetings. The Brown Act allows for legislative bodies to hold meetings by teleconference, but imposes specific requirements for doing so, including allowing public access to that location. On March 17, 2020, in order to address the need for public meetings during the COVID-19 pandemic, Governor Newsom issued Executive Order No. N-29-20, temporarily suspending the Brown Act's teleconferencing requirements, Executive Order No. N-8-2 then continued the suspension of the Brown Act's teleconferencing requirements from June 11, 2021 through September 30, 2021. These Executive Orders allowed legislative bodies to meet virtually as long as certain notice and accessibility requirements were met.

The State Legislature amended the Brown Act through Assembly Bill No. 361 ("AB 361") on September 16, 2021. As with the Executive Orders, AB 361 requires that certain notice and accessibility requirements continue to be met for holding virtual public meetings. In addition, AB 361 states that a local agency may use teleconferencing without complying with the regular teleconferencing requirements of the Brown Act, where the legislative body holds a meeting during a proclaimed state of emergency and makes certain findings; and requires that the legislative body make additional findings every 30 days in order to continue such teleconferencing.

As such, Staff recommends that the Council reconsider the circumstances of the state of emergency, and make findings regarding the state of emergency by adopting the Resolution Implementing Teleconferencing

Requirements for City Council and Board and Commission Meetings During a Proclaimed State of Emergency Due to the COVID-19 Pandemic ("Resolution") attached here as Attachment 1.

Discussion: AB 361, codified in part in Government Code § 54953, allows a local agency legislative body to hold a public meeting utilizing teleconferencing without giving public access to a teleconference location but allowing public comment virtually if the Governor has proclaimed a State of Emergency and any of the following circumstances also apply:

1. State or local officials have imposed or recommended measures to promote social distancing.
2. The meeting is being held for the purposes of determining, by majority vote, whether as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees.
3. The legislative body has determined that as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees.

As amended by AB 361, Government Code § 54953(e)(3) requires cities that are conducting public meetings via teleconferencing during a declared State of Emergency to make findings, within 30 days of the first virtual meeting after AB361 going into effect, and every 30 days thereafter, that the legislative body has reconsidered the circumstances of the state of emergency and either 1) the emergency continues to impact the ability to meet safely in person, and/or 2) State or local officials continue to impose or recommend social distancing.

Council adopted these findings at their January 11, 2023 meeting. The Council must now adopt, via this Resolution (Attachment 1), the findings that confirm the circumstances of the state of emergency and justify holding public meetings of the Council and all subordinate commissions, boards, and committees utilizing teleconferencing and allowing public comment virtually, pursuant to Government Code § 54953(e)(3).

Given recent modifications to the health order, Staff is currently utilizing and fine-tuning a hybrid meeting option that allows for in-person and remote participation in an effort to accommodate all needs and choices. Staff will be working with the Mayor to coordinate continued implementation.

Recommended Action: Adopt a Resolution 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.

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: City Clerk

DIVERSITY-EQUITY INITIATIVES (DEI): N/A

CLIMATE INITIATIVES (CI): N/A

Approved: 
Sage Sangiacomo, City Manager

RESOLUTION NO. 2023-

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF UKIAH IMPLEMENTING
TELECONFERENCING REQUIREMENTS FOR CITY COUNCIL AND BOARD AND
COMMISSION MEETINGS DURING A PROCLAIMED STATE OF EMERGENCY DUE TO THE
COVID-19 PANDEMIC**

WHEREAS:

1. The City of Ukiah is committed to preserving and nurturing public access and participation in meetings of the City Council and its Boards and Commissions; and
2. All meetings of City's legislative bodies are open and public, as required by the Ralph M. Brown Act, so that any member of the public may attend, participate, and watch the City's legislative bodies conduct their business;
3. The Brown Act allows for legislative bodies to hold meetings by teleconference, but imposes specific requirements for doing so; and
4. On March 17, 2020, in order to address the need for public meetings during the present public health emergency, i.e. the COVID-19 Pandemic, Governor Newsom issued Executive Order No. N-29-20, suspending the Act's teleconferencing requirements; and
5. On June 11, 2021, Governor Newsom issued Executive Order No. N-8-21, continuing the suspension of the Brown Act's teleconferencing requirements through September 30, 2021; and
6. The State Legislature amended the Brown Act through Assembly Bill No. 361 (AB 361) on September 16, 2021; and
7. AB 361, codified in part at Government Code section 54953(e), makes provisions for remote teleconferencing participation in meetings by members of a legislative body, without compliance with the requirements of Government Code section 54953(b)(3), subject to the existence of certain conditions; and
8. Such conditions now exist in the City, specifically, the Governor has proclaimed a state of emergency exists for the state of California due to the conditions caused by the COVID-19 pandemic and the impact on the health and safety of its residents; and
9. The Omicron subvariants are highly transmissible in indoor spaces, the California Department of Public Health is currently investigating how long vaccine protection lasts, and the Center for Disease Control and Prevention recommends avoiding indoor spaces that do not offer fresh air from the outdoors;
10. Current County health orders recommend measures to promote social distancing due to health and safety concerns; and

11. In accordance with Assembly Bill 361, the City Council does hereby find that as a result of the emergency, meeting in person would present imminent risks to the health or safety of attendees and the Council desires to authorize continued remote teleconferenced meetings of its legislative bodies; and
12. As a consequence of the local emergency, the City Council does hereby find that the legislative bodies of the City shall conduct their meetings without compliance with Government Code § 54953(b)(3), as authorized by § 54953(e), and that such legislative bodies shall comply with the requirements to provide the public with access to the meetings as prescribed in § 54953(e)(2); and
13. The City has taken measures to conduct public meetings via virtual tools that allow members of its legislative bodies and members of the public to join and participate in meetings remotely and provide public testimony in the virtual environment and via teleconference.

NOW, THEREFORE, the City Council for the City of Ukiah hereby finds, determines, declares, orders, and resolves as follows:

1. That the foregoing recitals are true and correct and incorporates them by this reference; and
2. The Governor of the State of California issued a Proclamation of State of Emergency, which remains in effect; and
3. County of Mendocino officials have recommended measures to promote social distancing; and
4. Meeting in person would present imminent risk to the health or safety of attendees; and
5. The City Council of the City of Ukiah has reconsidered the circumstances of the State of Emergency, and finds that:
 - a. The factors triggering the State of Emergency continue to directly impact the ability of the members of the legislative bodies of the City of Ukiah, their staff, and members of the public to meet safely in person; and
 - b. State and County officials continue to impose or recommend measures to promote social distancing.
6. The City Manager or his designee and the legislative bodies of the City of Ukiah are authorized to take all steps and perform all actions necessary to execute and implement this Resolution in compliance with Government Code § 54953; and
7. This Resolution shall take effect immediately upon its adoption and shall be effective until the earlier of (i) March 3, 2023, or (ii) such time the City Council adopts a subsequent resolution in accordance with Government Code section 54953(e)(3) to extend the time during which the legislative bodies of the City may continue to teleconference without compliance with paragraph (3) of subdivision (b) of § 54953(b)(3).

PASSED AND ADOPTED this 1st day of February, 2023, by the following roll call vote:

AYES:

NOES:
ABSENT:
ABSTAIN:

Mari Rodin, Mayor

ATTEST:

Kristine Lawler, City Clerk



AGENDA SUMMARY REPORT

SUBJECT: Consideration of Adoption of Resolution to Remove Approximately 360 Lineal Feet of On-Street Parking on the North Section of Hastings Road.

DEPARTMENT: Public Works

PREPARED BY: Seth Strader, Administrative Analyst

PRESENTER: Tim Eriksen, Director of Public Works

ATTACHMENTS:

1. Proposed Resolution
2. 2022-11-28 Petition

Summary: The City Council will consider adoption of resolution to remove approximately 360 lineal feet of on-street parking on the north section of Hastings Road.

Background: The property owner at 1100 Hastings Road submitted a request to the Traffic Engineering Committee (TEC) for a no parking zone on the curb section between the convenience store southern property line and the driveway which provides access to the businesses at Elks Way near 1150 Hasting Road. This Item was presented to the City Council on May 19, 2021, and the no-parking was denied with direction to explore other approaches. To date, Staff has not been able to identify any other alternatives that can be sustained over time given limited staffing resources and the remote location. Furthermore, Staff has again been contacted by adjacent property owners in this area, who would like to limit onstreet parking and are supportive of the no-parking proposal.

Discussion: The request is for a no-parking zone on the Hasting curb section between the Talmage Road and the Elks Way driveway. This zone will prevent overnight and long-term parking. Staff reviewed the request and the location. Staff recommends adoption of the Resolution removing street parking in this area (Attachment 1), with Exhibit A of site map showing an aerial photo of the area and a street view photo. A petition was received from local business owners and included signatures of others who share the same safety concerns. See Attachment 2. It is important to know that the area has developed properties with plenty of onsite parking and thus, the removal of this parking will not create a parking issue for the businesses. While the petition initially requests two-hour parking limits, this option is not feasible given it is outside the City's Parking District (where parking is enforced regularly). The no-parking option was discussed with the primary petitioner, who fully supports this recommendation.

Recommended Action: Adopt resolution removing approximately 360 lineal feet of on-street parking on the north section of Hastings Road.

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 and Jason Benson, Senior Engineer

DIVERSITY-EQUITY INITIATIVES (DEI):

CLIMATE INITIATIVES (CI):

Approved: 
Sage Sangiacomo, City Manager

RESOLUTION NO. 2023-

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF UKIAH
REMOVING 360 LINEAL FEET OF ON-STREET PARKING AT NORTH SECTION OF HASTINGS ROAD**

WHEREAS, the City Council may by resolution designate portions of streets upon which the standing, parking, or stopping of vehicles is prohibited or restricted pursuant to Article 11, Chapter 1, Division 8 of the Ukiah City Code; and

WHEREAS, the City Engineer considered the request in April 2021, to establish the no parking zone within the City of Ukiah; and

WHEREAS, the City Engineer recommends this request regarding the no parking zone.

NOW, THEREFORE, IT IS HEREBY RESOLVED, that the City Council of the City of Ukiah does establish a no parking zone on Hastings Road at a location determined by the City Engineer and consistent with Exhibit A.

PASSED AND ADOPTED this 1st day of February, 2023, by the following roll call vote:

AYES:

NOES:

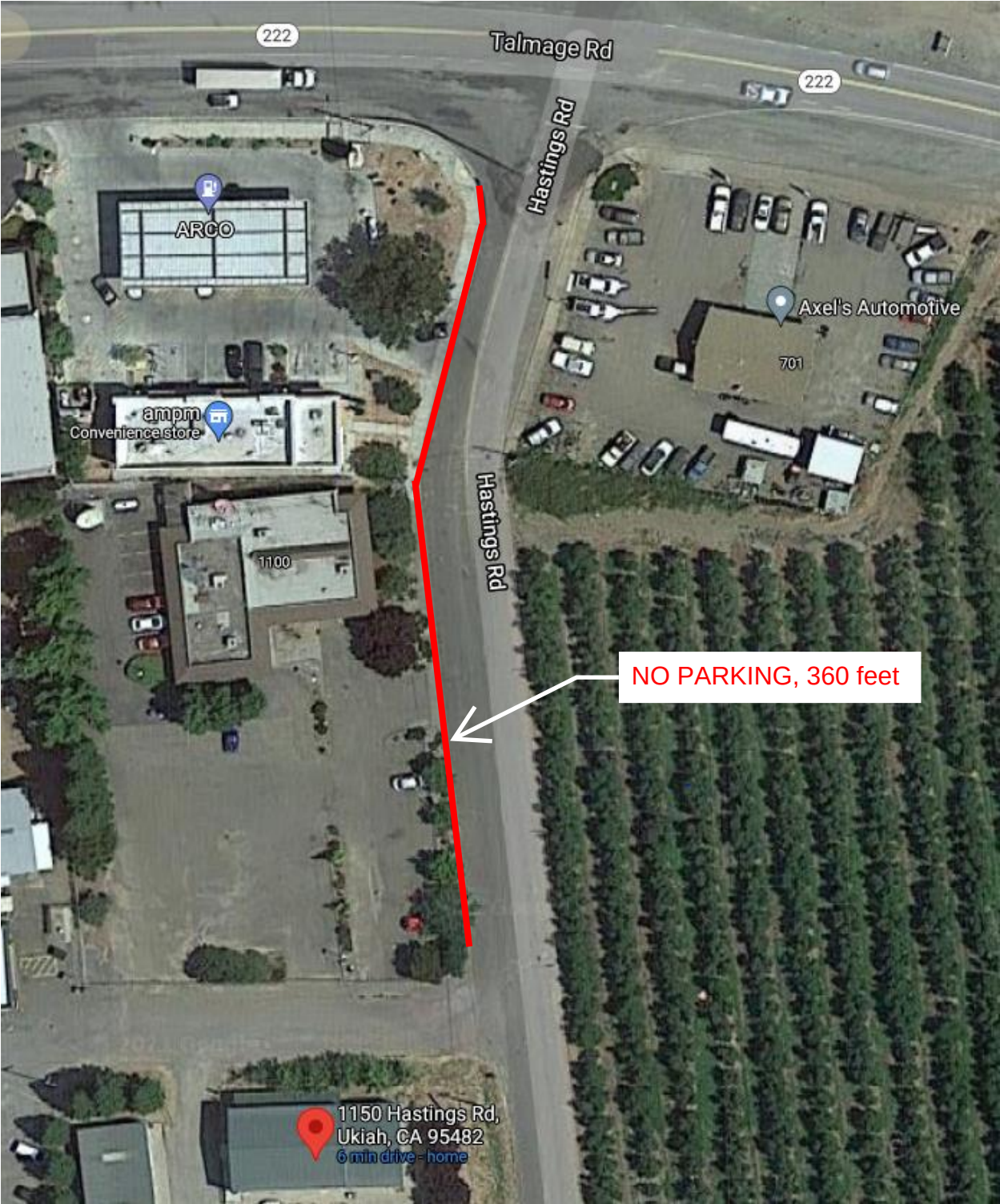
ABSTAIN:

ABSENT:

Mari Rodin, Mayor

ATTEST:

Kristine Lawler, City Clerk





PETITION TO CITY OF UKIAH CITY COUNCIL

Whereas Hastings Road between Talmage Road and Elks Way, in front of 1100 Hastings Road, is being used by transients, large commercial trucks, equipment trailers and campers for long periods of days. This is not an equipment yard or R V Park.

Whereas these vehicles are a safety and cleanliness hazard by obscuring traffic at corners or entering the road and leaving litter.
Near collisions occur. Clean up of waste is a constant problem.

Whereas residents are endangered and inconvenienced to be constantly having to call Ukiah Police to enforce parking regulations; Ukiah Police have more important duties.

Therefore the neighborhood signers below request that "2 Hour Limit" signs be placed along 1100 Hastings Road curb as soon as possible.

Name: *and Signature*

Date:

<i>Dona Fridae Mitcham</i>	<i>Dona Fridae Mitcham</i>	<i>9-28-22</i>
<i>GWYN A. RONES</i>	<i>Gwyn A. Rones</i>	<i>9-28-22</i>
<i>CLAY SAHAMMEL</i>	<i>Gladys G. Hammell</i>	<i>9-28-22</i>
<i>Jenna Shepherd</i>	<i>Jenna Shepherd</i>	<i>10-5-22</i>
<i>Marie Linda Bolstad</i>	<i>Marie Linda Bolstad</i>	<i>10-5-22</i>
<i>Ronald E. Laetell</i>	<i>Ronald E. Laetell</i>	<i>10-5-22</i>
<i>TONY M. FARLAND</i>	<i>Tony M. Farland</i>	<i>10-5-22</i>
<i>Elizabeth A. Harreschou</i>	<i>Elizabeth A. Harreschou</i>	<i>10-5-2022</i>
<i>Daniel A. Harreschou</i>	<i>Daniel A. Harreschou</i>	<i>10-5-2022</i>

28 Citizens
Request correction of
dangerous parking
area.
Submitted by
Gail Dye-KWINE
707 272 1109



PETITION TO CITY OF UKIAH CITY COUNCIL

Whereas Hastings Road between Talmage Road and Elks Way, in front of 1100 Hastings Road, is being used by transients, large commercial trucks, equipment trailers and campers for long periods of days. This is not an equipment yard or R V Park.

Whereas these vehicles are a safety and cleanliness hazard by obscuring traffic at corners or entering the road and leaving litter.
Near collisions occur. Clean up of waste is a constant problem.

Whereas residents are endangered and inconvenienced to be constantly having to call Ukiah Police to enforce parking regulations; Ukiah Police have more important duties.

Therefore the neighborhood signers below request that "2 Hour Limit" signs be placed along 1100 Hastings Road curb as soon as possible.

Name:	Date:	SIGNATURE
Michele Gilbertson	9/26/22	Michele Gilbertson
Robert Guerrara	9/26/22	Robert Guerrara
Joe Brewer	9/26/22	Joe Brewer
Vincent Dille	9/26/22	Vincent Dille
Daniel Cigon	9/26/22	Daniel Cigon
Aaron Leach	9/26/22	Aaron Leach
Regina Gomez	9/26/22	Regina Gomez
Elizabeth "Liz" MacMillan	9-26-22	Elizabeth MacMillan
Jeff G441	9-26-22	Jeff G441
Wilson Hugo Foley	9-26-22	Wilson Hugo Foley
Darrell Bawn	9-26-22	Darrell Bawn

PETITION TO CITY OF UKIAH CITY COUNCIL

Whereas Hastings Road between Talmage Road and Elks Way, in front of 1100 Hastings Road, is being used by transients, large commercial trucks, equipment trailers and campers for long periods of days. This is not an equipment yard or R V Park.

Whereas these vehicles are a safety and cleanliness hazard by obscuring traffic at corners or entering the road and leaving litter.

Near collisions occur. Clean up of waste is a constant problem.

Whereas residents are endangered and inconvenienced to be constantly having to call Ukiah Police to enforce parking regulations; Ukiah Police have more important duties.

Therefore the neighborhood signers below request that "2 Hour Limit" signs be placed along 1100 Hastings Road curb as soon as possible.

Name: *Signature*

Robert Sack
Steve Arnold

Date:

9-23-22 Robert Sack

9-28-22 Steve Arnold.

PETITION TO CITY OF UKIAH CITY COUNCIL

Whereas Hastings Road between Talmage Road and Elks Way, in front of 1100 Hastings Road, is being used by transients, large commercial trucks, equipment trailers and campers for long periods of days. This is not an equipment yard or R V Park.

Whereas these vehicles are a safety and cleanliness hazard by obscuring traffic at corners or entering the road and leaving litter.
Near collisions occur. Clean up of waste is a constant problem.

Whereas residents are endangered and inconvenienced to be constantly having to call Ukiah Police to enforce parking regulations; Ukiah Police have more important duties.

Therefore the neighborhood signers below request that "2 Hour Limit" signs be placed along 1100 Hastings Road curb as soon as possible.

Name: *and Signature*

Date:

Guil Dye *[Signature]* *9/23/2022*

Gudrun Z Dye Gudrun Z. Dye *9/23/2022*

John Garrison *[Signature]* *10-27-22*

Leanne Norgard *Leanne Norgard* *10-27-22*



AGENDA SUMMARY REPORT

SUBJECT: Notification of Emergency Purchase of all Materials and Labor for the Repair of a Sinkhole and Storm Drain on Mendocino Drive from Ghilotti Construction in the Estimated Amount of \$75,000, Approve Corresponding Budget Amendment, and Approve Additional Budget Amendment if Actuals Exceed Initial Estimated Amount.

DEPARTMENT: Public Works

PREPARED BY: Seth Strader, Administrative Analyst

PRESENTER: Tim Eriksen, Director of Public Works

ATTACHMENTS:

1. GCC - Sinkhole Repair - Contract No. 2223-159

Summary: Council will receive a report of the acquisition of emergency repair work on a storm drain and sinkhole from Ghilotti Construction in the amount of \$75,000, and approve a corresponding budget amendment, and approval to further amend the budget if actual costs exceed the initial estimate.

Background: Staff received reports of a sinkhole that appeared on private property on Mendocino Drive (See last page of Attachment 1 for a site map). Upon inspection, Staff determined the sinkhole was caused by the failure of the storm drain during the recent storm events. Furthermore, staff determined it prudent to contact construction crews that were already in the area working on other City projects and requested an inspection of the area.

Discussion: Ghilotti Construction did a preliminary inspection of the sinkhole and storm drain but was unable to thoroughly inspect the area due to the nature of the damage and unwillingness to put the surrounding property in danger. Staff prepared a contract upon Ghilotti Construction's preliminary estimate and crews immediately began work to improve the site before more expected rainfall during the weekend.

Contract 2223-159 was issued to Ghilotti Construction for the amount of \$75,000, based on an initial estimate for the time and materials for the repair and installation of a new storm drain. See Attachment 1. Staff is working to document the damage and will be prepared to submit a FEMA claim should local assistance become available.

Recommended Action: Receive notification of the emergency purchase of all repair work on a storm drain and sinkhole from Ghilotti Construction for the estimated amount of \$75,000, approve corresponding budget amendment, and approve additional budget amendments if actual exceed initial estimated amount.

BUDGET AMENDMENT REQUIRED: YES

CURRENT BUDGET AMOUNT: 10024224.52100.18393 - \$0

PROPOSED BUDGET AMOUNT: 10024224.52100.18393 - \$75,000

FINANCING SOURCE: General Fund and/or Insurance Proceeds

PREVIOUS CONTRACT/PURCHASE ORDER NO.: 2223-159

COORDINATED WITH: Tim Eriksen, Director of Public Works and Andrew Stricklin, Associate Engineer

DIVERSITY-EQUITY INITIATIVES (DEI):

CLIMATE INITIATIVES (CI):

Approved: 
Sage Sangiacomo, City Manager

CONTRACT 2223-159**EMERGENCY SINKHOLE AND STORM DRAIN REPAIR AT MENDOCINO AVE**

This Agreement is made and entered on January 24, 2023, in Ukiah, California, by and between Ghilotti Construction Company, Inc., a CA corporation ("Contractor") and the City of Ukiah ("City"), a general law municipal corporation.

RECITALS:

1. The plans and specifications for this work ("the Work") are contained in Exhibit 1 - Scope of Work, which is attached hereto and incorporated herein by this reference.

2. Contractor is properly licensed and qualified to perform the work.

3. Whenever this Agreement calls for City approval or notification, the approval or notification must be signed by the City Manager or his or her designee.

AGREEMENT:

Wherefore, in consideration of the foregoing facts and the terms and conditions as further stated herein, the parties hereby agree as follows.

1. PERFORMANCE OF THE WORK

Contractor will perform the Work as further provided herein.

1.1 Time of Performance. Time is of the essence, and the Contractor shall commence the and complete the work as soon as possible.

1.1.1. ☐ [check if applicable] 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 1.1.2, 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, subject to Sections 1.13-1.14, below, 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.

1.1.2 ☐ [check if applicable] 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.

1.2 Construction of Contract Documents. Contractor will perform the Work in compliance with the plans and specifications set forth in the attached Exhibit 1. If there is any inconsistency or conflict between the plans and the specifications, the specifications will prevail. If there is any inconsistency between the plans and the specifications and this agreement, the terms of this Agreement shall prevail, unless expressly stated otherwise in a particular specification.

1.3 Contractor furnished items. Contractor will furnish all necessary labor, materials, tools, equipment, and transportation necessary to perform the Work.

1.4 SB 854 requirements

1.4.1 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)].

1.4.2 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.

1.4.3 This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

1.4.4 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. All contractors and subcontractors must furnish electronic certified payroll records directly to the DLSE.

1.4.5 The Prime Contractor is required to post job notices at the job site as prescribed by regulations (currently, 8 CCR §16451(d).)

2.5 Use of Employees.

2.5.1. Contractor and any subcontractors shall pay all mechanics and laborers employed by them to work 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.

2.5.2. Contractor shall comply with the California Labor Code Section 1775. In accordance with said Section 1775, Contractor shall forfeit as a penalty to the City, \$50.00 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.

2.5.3. Pursuant to the provision of Section 1770 of the Labor Code of the State of California, City 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 workers concerned. Copies of the General Prevailing Wage Determination are on file in the office of the City Engineer and are available to the Contractor on request. The Contractor shall post the wage determination at the site of work in a prominent place where the workers can easily see it.

2.5.4. City will not recognize any claim for additional compensation because the Contractor has paid any rate in excess of the prevailing wage rate obtained from the City Engineer. 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.

2.5.5. Travel and Subsistence Payments.

Contractor shall make travel and subsistence payments to each worker needed to execute the work in accordance with the requirements in Section 1773.8 of the Labor Code (Chapter 880, Statutes of 1968).

2.5.6. 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.

Copies of Labor Code Sections 1771 (requiring prevailing wages), 1775 (imposing penalties, including a \$50 per day, per worker forfeiture, for failure to pay prevailing wages), 1776 (requiring contractor to maintain available for inspection certified payroll records), 1777.5 (requiring certain apprenticeship programs), 1813

(imposing penalties for failure to make records available for inspection) and 1815 (requiring time and $\frac{1}{2}$ for overtime) are available at the Department of Industrial Relations website at <http://www.dir.ca.gov/>

2.6 Compliance with the Contract Work Hours and Safety Standards Act.

2.6.1. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

2.6.2. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (b)(1) of this section the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to Page 14 of 25 www.fema.gov/procurement-disaster-assistance-team To Table of Contents U. S. Department of Homeland Security Headquarters 500 C St SW Washington, D.C. 20042 the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (b)(1) of this section, in the sum of \$26 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (b)(1) of this section.

2.6.3. Withholding for unpaid wages and liquidated damages. The City shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime

contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (b)(2) of this section.

2.6.4. Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (b)(1) through (4) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (b)(1) through (4) of this section.

2.6 CITY Inspector. CITY may designate an architect, engineer, other design professional or other inspector ("Inspector") to supervise and/or inspect Contractor's performance of the Work. The Inspector shall have no authority to change the Work, the compensation for performing the Work or the time for completing the Work without City's prior written approval. City shall notify the Contractor in writing, if it designates an Inspector.

2.7 Site Conditions. Contractor acknowledges that it has inspected the work site and any improvements involving the Work and satisfied itself as to the conditions which can affect the Work or its cost. Contractor has not relied on any representation by CITY or its officers or employees as to the condition of the site or the houses or any condition that might affect the cost of performing this Agreement.

2.8 New Products Required. All equipment, materials or fixtures furnished by Contractor under this Agreement shall be new and of the most suitable grade for the intended purpose, unless otherwise specifically provided.

2.9 Compliance with Laws. The Contractor shall give all notices and comply with all applicable laws, ordinances, codes, rules and regulations. The Contractor shall secure and pay for all permits, fees, and licenses necessary for the proper execution and completion of the work.

2.10 Protection of Site and Improvements. The Contractor shall preserve and protect the site, grounds and any involved improvements and shall not alter or damage any portion thereof, except as is absolutely necessary in order to perform the Work. The Contractor shall repair or replace, as directed by CITY, any property that it damages, looses or destroys in violation of this paragraph. Contractor shall assume full responsibility for maintaining the safety of the worksite in compliance with all applicable state and federal worker safety and protection laws and shall maintain the worksite in compliance with all such laws.

2.11 Inspection of Work. The Contractor shall ensure that the Work is available for inspection by CITY or its Inspector at all reasonable times and that no work is covered up or rendered incapable of inspection without prior notice to CITY or its Inspector and a reasonable opportunity for inspection. The presence or absence of an CITY inspector or the conduct of an inspection by CITY or its Inspector shall not relieve the Contractor from any contract requirement or compliance with Exhibit 1.

2.12 Title. The Contractor warrants that it conveys full and complete title, free of all liens and encumbrances, to all materials, supplies, fixtures and equipment furnished to CITY under this Agreement and agrees to fully defend and indemnify CITY, its officers and employees, and the houses and homebuyers included in the Work from and against any claim, lien, charge, debt, cost, expense or liability arising from a breach of said warranty.

2.13 Warranties. In addition to any other warranties in this contract, the Contractor warrants that the Work conforms to the contract requirements and is free of any defect in equipment, material or workmanship for a period of one year from the date of final acceptance of the Work by CITY. If CITY accepts any part of the Work before final acceptance of the entire Work, the warranty shall continue for the period of one year from the date of such partial acceptance. The Contractor shall remedy, at the Contractor's expense, any failure to conform, or any defect. [Initial if following sentence applies /_/ /_/] CITY shall retain __% of the Contract Amount to secure the Contractor's warranty and shall remit the unused portion of that amount at the end of the warranty period. The time limit of this warranty shall not apply to any latent defects, or gross negligence or fraud on the part of the Contractor.

2.14. Extension of Time.

Should any delays occur which the City 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 City 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 City within 45 days of the occurrence unless the City specifies in writing a longer period. All claims for a time extension must be approved by the City and incorporated into a written change order.

2.15. 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 City, the Contractor shall be able to overcome them.

The Contractor shall be granted a time extension of one day for each unfavorable weather day that 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.

2.16. 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 City.

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 City and that such permission may be revoked at any time by the City if the Contractor fails to maintain at night adequate force and equipment for reasonable prosecution and to justify inspection of the work.

2.17. 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 1 ½ 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.

3. COMPLIANCE WITH DAVIS-BACON ACT

3.1. All transactions regarding this contract shall be done in compliance with the Davis-Bacon Act (40 U.S.C. 3141- 3144, and 3146-3148) and the requirements of 29 C.F.R. pt. 5 as may be applicable. The contractor shall comply with 40 U.S.C. 3141-3144, and 3146-3148 and the requirements of 29 C.F.R. pt. 5 as applicable.

3.2 Contractors are required to pay wages to laborers and mechanics at a rate not less than the prevailing wages specified in a wage determination made by the Secretary of Labor.

3.3 Additionally, contractors are required to pay wages not less than once a week.

4. CLEAN AIR ACT

4.1. The contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7401 et seq.

4.2 The contractor agrees to report each violation to the (name of applicant entering into the contract) and understands and Page 16 of 25 www.fema.gov/procurement-disaster-assistance-team To Table of Contents U. S. Department of Homeland Security Headquarters 500 C St SW Washington, D.C. 20042 agrees that the (name of the applicant entering into the contract) will, in turn, report each violation as required to assure notification to the Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.

4.3. The contractor agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance provided by FEMA.

5. FEDERAL WATER POLLUTION CONTROL ACT

5.1. The contractor agrees to comply with all applicable standards, orders, or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 et seq.

5.2. The contractor agrees to report each violation to the City and understands and agrees that the City will, in turn, report each violation as required to assure notification to the Federal Emergency Management Agency, and the appropriate Environmental Protection Agency Regional Office.

5.3. The contractor agrees to include these requirements in each subcontract exceeding \$150,000 financed in whole or in part with Federal assistance provided by FEMA.

6. SUSPENSION AND DEBARMENT

6.1. U. S. Department of Homeland Security Headquarters 500 C St SW Washington, D.C. 20042 (1) This contract is a covered transaction for purposes of 2 C.F.R. pt. 180 and 2 C.F.R. pt. 3000. As such, the contractor is required to verify that none of the contractor's principals (defined at 2 C.F.R. § 180.995) or its affiliates (defined at 2 C.F.R. § 180.905) are excluded (defined at 2 C.F.R. § 180.940) or disqualified (defined at 2 C.F.R. §

180.935). (2) The contractor must comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, and must include a requirement to comply with these regulations in any lower tier covered transaction it enters into. (3) This certification is a material representation of fact relied upon by (insert name of recipient/subrecipient/applicant). If it is later determined that the contractor did not comply with 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C, in addition to remedies available to (insert name of recipient/subrecipient/applicant), the Federal Government may pursue available remedies, including but not limited to suspension and/or debarment. (4) The bidder or proposer agrees to comply with the requirements of 2 C.F.R. pt. 180, subpart C and 2 C.F.R. pt. 3000, subpart C while this offer is valid and throughout the period of any contract that may arise from this offer. The bidder or proposer further agrees to include a provision requiring such compliance in its lower tier covered transactions.

7. BYRD ANTI-LOBBYING AMENDMENT, 31 U.S.C. § 1352 (as amended)

7.1 Contractors who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a Member of Congress, officer or employee of Congress, or an employee of a Member of Congress in connection with obtaining any Federal contract, grant, or any other award covered by 31 U.S.C. § 1352. Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier, up to the recipient who in turn will forward the certification(s) to the awarding agency. Please refer to Exhibit 2 for signed certification.

8. PROCUREMENT OF RECOVERED MATERIALS

8.1 In the performance of this contract, the Contractor shall make maximum use of products containing recovered materials that are EPA-designated items unless the product cannot be acquired—

- Competitively within a timeframe providing for compliance with the contract performance schedule;
- Meeting contract performance requirements; or
- At a reasonable price.

8.2 Information about this requirement, along with the list of EPA designated items, is available at EPA's Comprehensive Procurement Guidelines web site, <https://www.epa.gov/smm/comprehensiveprocurement-guideline-cpg-program>.

8.3 The Contractor also agrees to comply with all other applicable requirements of Section 6002 of the Solid Waste Disposal Act.

9. CONTRACT PRICE

CITY shall pay the Contractor for performance of this Agreement time and materials with a total not to exceed amount of \$75,000.00 without prior approval from City staff.

10. PAYMENT OF CONTRACT PRICE

City shall pay any invoice for completed work, and approved by the City, within thirty (30) days of its receipt by City. All payments under this contract shall be made upon the presentation of certificates in writing from the City and shall show that the work covered by the payments has been done and the payments thereof are due in accordance with this contract.

11. INDEMNIFICATION AND INSURANCE.

11.1 Indemnification. 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.

11.2 Insurance. 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.

11.2.1. 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.

11.2.2. 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. 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.

11.2.3. 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.

11.2.4. 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 insureds 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. For any claims related to this project, the Contractor's insurance coverage shall be primary insurance as respects the City, its officers, officials, employees, 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.

3. 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.

11.2.5. 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.

11.2.6. 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 effecting the coverage required by these Special Provisions at any time.

11.2.7. 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.

12. EQUAL EMPLOYMENT OPPORTUNITY. During the performance of this contract, the contractor agrees as follows:

12.1. The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, gender identity, 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, sex, sexual orientation, gender identity, 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 setting forth the provisions of this nondiscrimination clause.

12.2. The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will Page 8 of 25 www.fema.gov/procurement-disaster-assistance-team To Table of Contents U. S. Department of Homeland Security Headquarters 500 C St SW Washington, D.C. 20042 receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, or national origin.

12.3. The contractor will not discharge or in any other manner discriminate against any employee or applicant for employment because such employee or applicant has inquired about, discussed, or disclosed the compensation of the employee or applicant or another employee or applicant. This provision shall not apply to instances in which an employee who has access to the compensation information of other employees or applicants as a part of such employee's essential job functions discloses the compensation of such other employees or applicants to individuals who do not otherwise have access to such information, unless such disclosure is in response to a formal complaint or charge, in furtherance of an investigation, proceeding, hearing, or action, including an investigation conducted by the employer, or is consistent with the contractor's legal duty to furnish information.

12.4. The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

12.5. The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.

12.6. The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such

rules, regulations, and orders.

12.7. In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be canceled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further Government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.

12.8. The contractor will include the portion of the sentence immediately preceding paragraph (1) and the provisions of paragraphs (6.1) through (6.8) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance: Provided, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States. The applicant further agrees that it will be bound by the above equal opportunity clause with respect to its own employment practices when it participates in federally assisted construction work: Provided, that if the applicant so participating is a State or local government, the above equal opportunity clause is not applicable to any agency, instrumentality or subdivision of such government which does not participate in work on or under the contract. The applicant agrees that it will assist and cooperate actively with the administering agency and the Secretary of Labor in obtaining the compliance of contractors and subcontractors with the equal opportunity clause and the rules, regulations, and relevant orders of the Secretary of Labor, that it will furnish the administering agency and the Secretary of Labor such information as they may require for the supervision of such

compliance, and that it will otherwise assist the administering agency in the discharge of the agency's primary responsibility for securing compliance. The applicant further agrees that it will refrain from entering into any contract or contract modification subject to Executive Order 11246 of September 24, 1965, with a contractor debarred from, or who has not demonstrated eligibility for, Government contracts and federally assisted construction contracts pursuant to the Executive Order and will carry out such sanctions and penalties for violation of the equal opportunity clause as may be imposed upon contractors and subcontractors by the administering agency or the Secretary of Labor pursuant to Part II, Subpart D of the Executive Order. In addition, the applicant agrees that if it fails or refuses to comply with these undertakings, the administering agency may take any or all of the following actions: Cancel, terminate, or suspend in whole or in part this grant (contract, loan, insurance, Page 10 of 25 www.fema.gov/procurement-disaster-assistance-team To Table of Contents U. S. Department of Homeland Security Headquarters 500 C St SW Washington, D.C. 20042 guarantee); refrain from extending any further assistance to the applicant under the program with respect to which the failure or refund occurred until satisfactory assurance of future compliance has been received from such applicant; and refer the case to the Department of Justice for appropriate legal proceedings.

13. COMPLIANCE WITH THE COPELAND "ANTI-KICKBACK" ACT.

13.1. Contractor. The contractor shall comply with 18 U.S.C. § 874, 40 U.S.C. § 3145, and the requirements of 29 C.F.R. pt. 3 as may be applicable, which are incorporated by reference into this contract.

13.2. Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clause above and such other clauses as FEMA may by appropriate instructions require, and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all of these contract clauses.

13.3. Breach. A breach of the contract clauses above may be grounds for termination of the contract, and for debarment as a contractor and subcontractor as provided in 29 C.F.R. § 5.12."

14. ACCESS TO RECORDS.

14.1. The Contractor agrees to provide the City, the FEMA Administrator, the Comptroller General of the United States, or any of their authorized representatives access to any books, documents, papers, and records of the Contractor which are directly pertinent to this contract for the purposes of making audits, Page 23 of 25 www.fema.gov/procurement-disaster-assistance-team To Table of Contents U. S. Department of Homeland Security Headquarters 500 C St SW Washington, D.C. 20042 examinations, excerpts, and transcriptions.

14.2. The Contractor agrees to permit any of the foregoing parties to reproduce by any means whatsoever or to copy excerpts and transcriptions as reasonably needed.

14.3. The Contractor agrees to provide the FEMA Administrator or his authorized representatives access to construction or other work sites pertaining to the work being completed under the contract.

14.4. In compliance with the Disaster Recovery Act of 2018, the City and the Contractor acknowledge and agree that no language in this contract is intended to prohibit audits or internal reviews by the FEMA Administrator or the Comptroller General of the United States.

15. DHS SEAL, LOGO AND FLAGS.

The contractor shall not use the DHS seal(s), logos, crests, or reproductions of flags or likenesses of DHS agency officials without specific FEMA pre-approval.

16. COMPLIANCE WITH FEDERAL LAW, REGULATIONS AND EXECUTIVE ORDERS.

This is an acknowledgement that FEMA financial assistance will be used to fund all or a portion of the contract. The contractor will comply with all applicable Federal law, regulations, executive orders, FEMA policies, procedures, and directives.

17. NO OBLIGATION BY FEDERAL GOVERNMENT.

The Federal Government is not a party to this contract and is

not subject to any obligations or liabilities to the non-Federal entity, contractor, or any other party pertaining to any matter resulting from the contract.

12. PROGRAM FRAUD AND FALSE OR FRAUDULENT STATEMENTS OR RELATED ACTS.

The Contractor acknowledges that 31 U.S.C. Chap. 38 (Administrative Remedies for False Claims and Statements) applies to the Contractor's actions pertaining to this contract.

18. TERMINATION.

This Agreement may only be terminated by City: 1) for breach of the agreement; 2) because funds are no longer available to pay Contractor for services provided under this Agreement; or 3) City has abandoned and does not wish to complete the project for which Contractor was retained. City shall notify Contractor of any alleged breach of the agreement and of the action required to cure the breach. If Contractor 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 Contractor. City shall pay the Contractor only for services performed and expenses incurred as of the effective termination date, unless terminated because the Contractor has failed to satisfactorily cure a breach after notice in which event City shall:

a. retain any amounts earned under the Contract but not yet paid by City;

b. take possession of all material and fixtures on the job site;

c. have the right to complete the Work and recover from Contractor any increased cost to complete the Work above the amounts that would have been paid to Contractor hereunder, together with any other damages suffered by City as a result of said breach.

19. MODIFICATION OF AGREEMENT.

City may, from time to time, request changes in the Work, the time to complete the work or the compensation to be paid for the Work. Such changes must be incorporated in written amendments to

this Agreement. To be effective, all such changes as referred to in this section must be agreed upon in writing by both parties to this agreement.

20. ASSIGNMENT.

The Contractor shall not assign any interest in this Agreement, and shall not transfer any interest in the same (whether by assignment or novation), without the prior written consent of City.

21. APPLICATION OF LAWS.

The parties hereby agree that all applicable Federal, State and local rules, regulations and guidelines not written into this Agreement shall hereby prevail during the period of this Agreement.

22. INDEPENDENT CONTRACTOR.

It is the express intention of the parties hereto that Contractor 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 Contractor 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 Contractor and City.

Contractor 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. Contractor 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 Contractor, including the legal costs associated with defending against any audit, claim, demand or law suit.

Contractor warrants and represents that it is a properly licensed for the work performed under this Agreement 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.

23. GOVERNING LAW.

This Agreement shall be governed by and construed in accordance with the laws of the State of California and any legal action concerning the agreement must be filed and litigated in the proper court in Mendocino County, each party consenting to jurisdiction and venue of California state courts in Mendocino County.

24. SEVERABILITY.

If any provision of the Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions shall nevertheless continue in full force and effect without being impaired or invalidated in any way.

25. INTEGRATION.

This Agreement, including the exhibits attached hereto, contains the entire agreement among the parties and supersedes all prior and contemporaneous oral and written agreements, understandings, and representations among the parties. No amendments to this Agreement shall be binding unless executed in writing by all of the parties.

26. WAIVER.

No waiver of any of the provisions of this Agreement shall be deemed, or shall constitute a waiver of any other provision, nor shall any waiver constitute a continuing waiver. No waiver shall be binding unless executed in writing by the party making the waiver.

27. NOTICES.

Whenever notice, payment or other communication is required or permitted under this Agreement, it shall be deemed to have been given when personally delivered, emailed, telefaxed or deposited in the United States mail with proper first class postage affixed thereto and addressed as follows:

CONTRACTOR

CITY

Ghilotti Construction Co, Inc.
246 Ghilotti Avenue
Santa Rosa, CA 95482
Email: laura@ghilotti.com

City of Ukiah
300 Seminary Avenue
Ukiah, CA 95482
Email: mhorger@cityofukiah.com

Service by telefax shall bear a notation of the date and place of transmission and the facsimile telephone number to which transmitted.

Either party may change the address to which notices must be sent by providing notice of that change as provided in this paragraph.

28. PARAGRAPH HEADINGS.

The paragraph headings contained herein are for convenience and reference only and are not intended to define or limit the scope of this agreement.

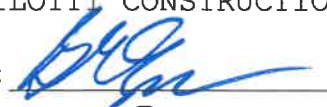
29. EXECUTION OF AGREEMENT.

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.

WHEREFORE, the parties have entered this Agreement on the date first written above.

GHILOTTI CONSTRUCTION CO., INC.

CITY OF UKIAH

By: 

By: _____

Brian Ongaro, President

Sage Sangiacomo
City Manager

California Contractor's License Number 644515

Scope of Work

Emergency Storm Drain Replacement Project

Due to a failing storm drain damaged by the heavy rains of January 2023, a sinkhole was reported next to a house between properties at 725 and 693 Mendocino Drive. The City of Ukiah is requesting emergency repair work to replace the storm drain from the existing manhole on Mendocino Drive north to the existing outlet at a creek behind the properties. This emergency work is in effort to stop further loss of soil resulting in a larger, damaging and dangerous sinkhole from occurring at the site. The scope of work is only approximate at this point due to the nature of underground unknowns and will thus be completed at standard rates of time and materials.

The estimated work includes but is not limited to:

1. Trenching approx. 3'x25' in the roadway.
2. Trenching approx. 3'x140' through landscape and private concrete walkways
3. Remove and replace approx. 160' HDPE storm drain at 18" dia.
4. Remove and replace approx. 300 Sq.Ft. concrete from the sidewalk and walkway in the trench line.
5. Replace approx. 65' of residential fencing to match existing perimeter fencing.
6. Proper shoring and material import as needed of drain rock for pipe bedding. Native soil to be used for backfill.
7. Restoration of roadway in trench line per City Standards.

CITY OF UKIAH



**PRIMARY SINKHOLE
LOCATION**

**REMOVE/REPLACE APPROX.
160 LF STORM DRAIN 18" DIA.**

TIE-IN SD TO EXISTING SDMH

EMERGENCY STORM DRAIN REPLACEMENT PROPERTY LINE 725 MENDOCINO DRIVE



This map is a guide. Every reasonable effort has been made to ensure the accuracy of the map and data provided. Parcel lines are not intended to represent surveyed data.

Document Path: C:\Users\stricklin\OneDrive - City of Ukiah\Desktop\725 Mendocino SD.mxd

0 25 50 Feet





AGENDA SUMMARY REPORT

SUBJECT: Consideration of Nomination and Possible Adoption of a Resolution Appointing Rob Fitzsimmons to the Public Spaces Commission.

DEPARTMENT: City Clerk

PREPARED BY: Kristine Lawler, City Clerk

PRESENTER: Kristine Lawler, City Clerk

ATTACHMENTS:

1. City Code Sections
2. Application
3. Nomination
4. Proposed Resolution

Summary: Council will review and consider nominating, and possibly adopting a resolution appointing Rob Fitzsimmons to the At-large City Resident position on the Public Spaces Commission.

Background: The Public Spaces Commission (PSC) was established February 2, 2022 (see Attachment 1 for City Code Sections), and was a reformation of the Parks, Recreation, and Golf Commission (PRGC) and the Paths, Open Spaces, and Creeks Commission (POSCC). Consequently, the PSC was made up of members that came from the PRGC and POSCC; however, two of the PRGC members opted not to serve on the PSC, leaving two vacancies that have been noticed since May 20, 2022. Two additional positions on the PSC had term expirations, leaving a total of four vacancies that have been noticed since August 2022.

Discussion: The City Clerk's office has received an application from Rob Fitzsimmons (Attachment 2) that meets the residency requirements, with no other applications having been received. Councilmember Orozco, being the next in line to make a nomination to the PSC, has submitted a nomination (Attachment 3) for Rob Fitzsimmons' appointment. Therefore, Staff is recommending that Council adopt the resolution (Attachment 4) appointing Rob Fitzsimmons to the At-large City Resident position on the Public Spaces Commission, term to expire on February 1, 2026.

Recommended Action: Adopt Resolution appointing Rob Fitzsimmons to the At-large City or County Resident position on the Public Spaces Commission, term to expire on February 1, 2026.

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: N/A

DIVERSITY-EQUITY INITIATIVES (DEI): Goal 5 – Instill diversity, equity, and inclusion as essential core elements of policy-making, accountability, and delivery of City services.

CLIMATE INITIATIVES (CI):

Approved: 
Sage Sangiacomo, City Manager

CHAPTER 4 COMMISSIONS AND BOARDS

ARTICLE 1. PUBLIC SPACES COMMISSION

SECTION:

§1000 Creation

§1001 Membership; Appointment

§1002 Term Of Office; Vacancies

§1003 Duties And Powers

§1004 Compensation

§1005 Chairperson; Officers

§1000 CREATION

There is hereby created a Public Spaces Commission. This advisory body shall report to the City Council. (Ord. 783, §1, adopted 1982; Ord. 916, §2, adopted 1990; Ord. 1020, adopted 1999; Ord. 1219, §2, adopted 2022)

§1001 MEMBERSHIP; APPOINTMENT

The Commission shall consist of seven (7) at large members who may reside within the City limits or outside the City limits but within the Ukiah Valley; provided, that a majority of the seven (7) Commission members must reside within the City limits.

All members of the Commission shall be appointed by the City Council. (Ord. 783, §1, adopted 1982; Ord. 890, adopted 1989; Ord. 916, §2, adopted 1990; Ord. 935, §2, adopted 1993; Ord. 1020, adopted 1999; Ord. 1100, §1, adopted 2007; Ord. 1159, §1, adopted 2015; Ord. 1219, §2, adopted 2022)

§1002 TERM OF OFFICE; VACANCIES

All appointments to this Commission shall be for a term of three (3) years. Reappointments to the Commission shall be pursuant to Chapter 4, Article 5 of this division. (Ord. 783, §1, adopted 1982; Ord. 916, §2, adopted 1990; Ord. 1020, adopted 1999; Ord. 1219, §2, adopted 2022)

§1003 DUTIES AND POWERS

The Public Spaces Commission shall provide advice and recommendations to Council regarding (1) City-owned properties that are open to the public, free of charge, such as parks, paths, and public rights-of-way; (2) creeks within the City limits; (3) open spaces within and outside of the City limits that are undeveloped and conserved or in consideration of future conservation; (4) and the recreational uses of these spaces. In addition, the Public Spaces Commission shall have the power and duty to:

- A. Solicit, collate, and analyze public input on the wise use of public spaces.
- B. Provide recommendations and advice to both City staff and the City Council based on said public input.
- C. If deemed necessary by the Commission, form working groups in collaboration with City staff to explore and formulate advice or recommendations on specific areas regarding the wise use of public spaces.
- D. Commission activities related to solicitation, review, and analysis of public input shall be guided by the Community Outreach Plan. The Commission shall prepare and annually update a Community Outreach Plan to be approved by City Council. The Community Outreach Plan will guide the methodology, scheduling, and tracking of the Commission's community engagement.
- E. The Commission shall hold at least six (6) regular meetings per year as scheduled and noticed in compliance with the annually updated Community Outreach Plan. It shall adopt rules for the transaction of business which shall be included in the Community Outreach Plan.
- F. The Commission shall keep a record of its transactions, findings, recommendations, and any other action item, which record shall be a public record. (Ord. 783, §1, adopted 1982; Ord. 916, §2, adopted 1990; Ord. 1020, adopted 1999; Ord. 1219, §2, adopted 2022)

§1004 COMPENSATION

The members of the Commission shall receive no compensation, except such traveling expenses as are authorized by law. (Ord. 783, §1, adopted 1982; Ord. 916, §2, adopted 1990; Ord. 1219, §2, adopted 2022)

§1005 CHAIRPERSON; OFFICERS

The Commission shall elect a chairperson from among its members for a term of one year and may elect such other officers as it may determine. (Ord. 783, §1, adopted 1982; Ord. 916, §2, adopted 1990; Ord. 1219, §2, adopted 2022)

Disclaimer: The City Clerk's office has the official version of the Ukiah City Code. Users should contact the City Clerk's office for ordinances passed subsequent to the ordinance cited above.

City Website: <http://www.cityofukiah.com/>

City Telephone: (707) 463-6217

[Code Publishing Company](#)

CHAPTER 4

COMMISSIONS AND BOARDS

ARTICLE 5. COMMISSIONS AND BOARDS GENERALLY

SECTION:

§1200: Terms Of Commission Or Board Members Limited

§1201: Vacancy For Absence

§1202: Residency

§1203: Right Of Appeal

§1200 TERMS OF COMMISSION OR BOARD MEMBERS LIMITED

All members of commissions and boards appointed by the city council shall serve at the will and pleasure of the city council and may be removed at any time during their term of office with or without cause upon a motion of any council member and a four-fifths (4/5) vote of the city council. There shall be no limit on the number of terms a member of a commission or board may serve. (Ord. 559, §1, adopted 1964; Ord. 889, adopted 1989; Ord. 955, §1, adopted 1995; Ord. 1034, §1, adopted 2001)

§1201 VACANCY FOR ABSENCE

Any member of a commission or board who fails to attend three (3) meetings in any consecutive four (4) month period without the approval of the commission or board shall be automatically removed from office and his or her position shall be deemed vacant. The city council shall fill the resulting vacancy as any other vacancy thereon. (Ord. 559, §1, adopted 1964; Ord. 721, §1, adopted 1978; Ord. 935, §3, adopted 1993)

§1202 RESIDENCY

At the time of appointment, unless otherwise indicated, commission members shall be residents of the city. If commissioners move outside the city limits after appointment, their terms are thereby terminated. (Ord. 718, §6, adopted 1978; Ord. 804, §1, adopted 1983)

§1203 RIGHT OF APPEAL

Notwithstanding any other provision of this code, individual members of the city council and the city manager shall have the right of appeal to the city council of any action taken by any commission, board or agency of the city. Appeals under this section of decisions by the planning commission shall comply with the following requirements: The appeal must be in writing, state the reasons for the

appeal, and be filed with the city clerk within ten (10) days of the date of the decision was made. An appeal that does not comply with the requirements of this section is not valid and shall not be considered by the city council. (Ord. 770, §1, adopted 1981; Ord. 1049, §1, adopted 2003)

The Ukiah City Code is current through Ordinance 1224, passed April 6, 2022.

Disclaimer: The City Clerk's office has the official version of the Ukiah City Code. Users should contact the City Clerk's office for ordinances passed subsequent to the ordinance cited above.

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City Telephone: (707) 463-6217

[Code Publishing Company](#)



City of Ukiah

Office of the City Clerk

300 Seminary Avenue
Ukiah, CA 95482

APPLICATION FOR PUBLIC SPACES COMMISSION

NAME: Rob Fitzsimmons
First Last
STREET ADDRESS: [REDACTED]
CITY: Ukiah STATE: CA ZIP CODE: 95482
PHONE: Home [REDACTED] Work/Cell [REDACTED] Email: [REDACTED]

Please attach a resume or description outlining your educational background and/or experience, and complete all questions on this application (*If there is not enough room in the field, please use an attached page. Incumbents that are applying for reappointment need not fill out the questionnaire.*)

1. Why are you applying to serve on the City of Ukiah's Public Spaces Commission?

I feel my background gives me much to contribute, and as a resident whose primary mode of transportation is walking I feel I would provide a unique perspective on the commission.

2. What is your understanding of the purpose, role and responsibility of the Public Spaces Commission?

Make recommendations to the City Council regarding wise use of public spaces, informed by commission member expertise and by public outreach.

3. How do you believe your own skills, experience, expertise and perspectives will be beneficial to the work of the Public Spaces Commission?

As a County planner, I have a deep familiarity with the laws and principles relating to public service and land use planning in California. Prior to starting my career as a planner, I was the Aquatics Director for the Long Beach Sea Base, training and supervising a team of lifeguards and camp counselors and designing and running day camp operations, so I am very familiar with recreational facility operations.

4. What do you believe is the single most important public spaces issue facing our community? And why??

As someone who navigates the city by foot, I am acutely aware of where the City has failed to live up to its walkability and accessibility goals. Car ownership is not anyone's default state and should not be a prerequisite to function in society.

5. In your opinion what type or types of public spaces development or recreational and golf programs should the City encourage?

Pedestrian routes and safe road crossings; active recreation, like outdoor fitness installations (e.g., pull up bars) and youth play areas; and nature trails.

6. In your opinion what type or types of public spaces development or recreational and golf programs should the City discourage?

Uses which require disproportionately excessive amounts of water to maintain.

7. What kind of ideal community do you envision for Ukiah?

Walkable, resilient, and sustainable.

8. Are you interested in serving on any other Boards or Commissions of the City? If so, which one(s)?

Planning Commission

9. Diversity, Equity, and Inclusion are priorities for the City of Ukiah. Tell us about your experience working with diverse groups and how you would work to create an environment that is welcoming, inclusive, and increasingly diverse?

A large part of my work in planning is reaching out to various stakeholders to ensure that the widest possible net is cast in soliciting public input, as otherwise the conversation would be dominated by a decidedly nonrepresentational, highly privileged few. I am sure this is just as key in the Commission's work.

10. Is there anything you would like to add?

As a Mendocino County Planner, there may be rare instances where I will need to recuse myself from certain Commission votes or from working on certain projects to avoid conflicts of interest. I feel I have a strong understanding of the relevant requirements and norms and do not anticipate any serious conflicts, but it seemed best to disclose the risk here.

I declare under penalty of perjury under the laws of the State of California that I am a resident of the City of Ukiah, California, registered to vote in the City of Ukiah, and that all information stated in this application and all attached pages are true, correct and complete. I also acknowledge that if appointed, I will be subject to filing a Form 700 Statement of Economic Interest, and I have read and understand the City's Code of Ethics and Conduct.*


Signature of Applicant

1/17/2023
Date

**Form 700 – Every elected official and public employee who makes or influences governmental decisions is required by State Law to submit a Statement of Economic Interest, also known as the Form 700. The Form 700 provides transparency and ensures accountability in two ways:*

- 1. It provides necessary information to the public about an official's personal financial interests to ensure that officials are making decisions in the best interest of the public and not enhancing their personal finances.*
- 2. It serves as a reminder to the public official of potential conflicts of interest so the official can abstain from making or participating in governmental decisions that are deemed conflicts of interest.*

Rob Fitzsimmons

Ukiah, CA

Education

B.A. Environmental Studies, University of California, Santa Barbara, June 2015 (Combined GPA: **3.68**)

- Honors: Distinction in the Major, Undergraduate Honors at Graduation, Outstanding Academic Achievement
 - Deans Honors: Spring 2014, Fall 2014, Spring 2015
- Transferred from Long Beach City College with a GPA of 3.82
 - Dean's List with Honors, Fall 2012; Dean's List with Great Distinction. Spring 2013
 - Vice President, Political Science Student Association
- Member of the Environmental Planning Coalition
- Design Editor, *The Plover*
- Senior Thesis: *Potential Role of Wetlands in LA Stormwater Management*

Experience

Planner II, Dept of Planning and Building Services, County of Mendocino

Ukiah, California September 2020 – current

- Promoted from Planner I, Oct 2021
- Member, Mendocino County Housing Labor/Management Committee, SEIU 1021 (Jan 2023-current)
- Spearheaded implementation of state laws regarding Accessory Dwelling Units and low-income housing
- Contributed extensive revisions to the County Zoning Code during the comprehensive update
- Collected data and prepared General Plan and HCD Annual Progress Reports
- Coordinated interdepartmental policy implementation with the Cannabis Department
- Provided technical assistance to local tribal governments preparing housing grant applications
- Reorganized website to improve information accessibility
- Project Review – Coastal Development, Ag Preserves, Use Permits, Building Permits, CEQA

Assistant Planner, Community Development Department, County of Lake

Lakeport, California May 2019 – March 2020

- Project Review - Minor and Major Use Permits, Lot Line Adjustments, Rezones, and Mergers
- Proposed policy changes and drafted language for the General Plan Housing Element Update
- Monitored developments in state housing laws and kept the department informed of changes
- Worked with the Water Resources Department to update the National Flood Insurance CRS
- Maintained the Department's section of the County website

Aquatics Director, Long Beach Sea Base, BSA

Long Beach, California 2013-2018 (seasonal, with some year-round work)

- Promoted from Environmental Science Counselor/Lifeguard, Summers 2007-2012, and Assistant Aquatics Director, 2013
- Worked with Camp Director and Program Director to design and run camp operations
- Taught classes on local marine ecology and sustainability
- Created and lobbied for several new programs which have since consistently sold out
- Trained, supervised, and prepared evaluations for staff, and assisted in hiring selections

MEMORANDUM

Date: January 26, 2023
To: Kristine Lawler, City Clerk
From: Juan V. Orozco, Councilmember
Subject: Nomination for Public Spaces Commission

I nominate Rob Fitzsimmons for the Public Spaces Commission as an At-large City Representative, to be considered at the February 1, 2023, Regular City Council meeting.

Signature Juan V Orozco

RESOLUTION NO. 2023-**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF UKIAH APPOINTING ROB FITZSIMMONS TO THE PUBLIC SPACES COMMISSION**

WHEREAS, The Public Spaces Commission (PSC) was established February 2, 2022, and was a reformation of the Parks, Recreation, and Golf Commission (PRGC) and the Paths, Open Spaces, and Creeks Commission (POSCC), whose members became the PSC member; and

WHEREAS, two of the PRGC members opted to not serve on the PSC, leaving two vacancies; and

WHEREAS, the vacancies have been noticed since August 2022; and

WHEREAS, the City Clerk's office has received an application from Rob Fitzsimmons that meets the residency requirements; with no other applications having been received; and

WHEREAS, the City Clerk's office has received a nomination from Councilmember Orozco for the appointment of Rob Fitzsimmons.

NOW, THEREFORE, BE IT RESOLVED, that the Ukiah City Council does hereby appoint the following person and term:

BOARD/ COMMISSION	NAME	POSITION	TERM ENDING
Public Spaces Commission	Rob Fitzsimmons	At-large City Representative	2/1/2026

PASSED AND ADOPTED this 1st day of February, 2023, by the following roll call vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

Mari Rodin, Mayor

ATTEST:

Kristine Lawler, City Clerk



AGENDA SUMMARY REPORT

SUBJECT: Consider Changes to the Electric Utility Department Power Cost Surcharge Rider by Resolution.

DEPARTMENT: Electric Utility

PREPARED BY: Cindy Sauers, Electric Utility Director

PRESENTER: Cindy Sauers, Electric Utility Director

ATTACHMENTS:

1. Market_Conditions_Update_02012023
2. Amended Power Cost Surcharge Rider 02012023
3. Resolution Amending Power Cost Surcharge Rider

Summary: Council will consider adopting a Resolution amending the Utility's Power Cost Surcharge Rider. The tool is designed to provide temporary rate adjustments to compensate for greater-than-normal fluctuations in energy costs. The Surcharge is based on the energy portion (kWh) of customers' bills and will be adjusted up or down as energy prices change. The proposed amendment simply increases the frequency of the calculated adjustments from bi-annual to quarterly and includes a factor for delayed billing.

Background: On August 17, 2022, Council approved the Electric Utility's Power Cost Surcharge Rider (PCS). The PCS was implemented to mitigate the increased expense and volatility associated with procuring energy resources. It is applied to every kilowatt hour (kWh) that is sold and is based on actual power costs. The PCS, as originally written, was to be adjusted, up or down, every six months. Billing of the PCS began in October 2022.

Since the Council's approval in August, energy prices have become even more volatile and unpredictable. Comparisons of December natural gas prices reflect an increase of 432% from 2021. This volatility has to do with gas transmission outages as well as reduced storage in the Pacific Northwest. Low precipitation levels prior to January also played a role in the high cost of energy because reservoir levels were only at 50% of normal years, resulting in reduced hydroelectric generation. See Attachment 1 for a presentation on energy market conditions.

Discussion: Projections for the California energy market continue to be higher than average and are expected to remain volatile. Although recent precipitation is encouraging and natural gas prices have decreased some, uncertainty still remains. The proposed amendment to the PCS (Attachment 2) increases the frequency of recalculation to quarterly and adds an adjustment for delayed billing. These amendments will ensure the Utility is recovering the difference between the budgeted and actual energy costs in a more timely manner. The value of the PCS can be positive or negative and is calculated based on the actual cost to the utility. As power costs decrease, the PCS will decrease and customer bills will be reduced. If approved, implementation of the amended PCS for quarterly adjustments will begin on March 1, 2023.

In accordance with Ukiah City Code Division 4, Chapter 6 Sections 3950 through 3957, the City Council will hold a public hearing on February 1, 2023, to receive the City Manager's Report and consider approval, by resolution, of modifications to the Power Cost Surcharge Rider. The Agenda Summary Report and the City Manager's Report are to be considered the same report and may be amended as necessary.

Staff recommends adopting the Resolution (Attachment 3) amending the Power Cost Surcharge Rider.

Recommended Action: Adopt Resolution modifying the Power Cost Surcharge Rider.

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: Sage Sangiacomo, City Manager; Dan Buffalo, Finance Director

DIVERSITY-EQUITY INITIATIVES (DEI):

CLIMATE INITIATIVES (CI):

Approved:


Sage Sangiacomo, City Manager

Market Conditions Update February 1, 2023

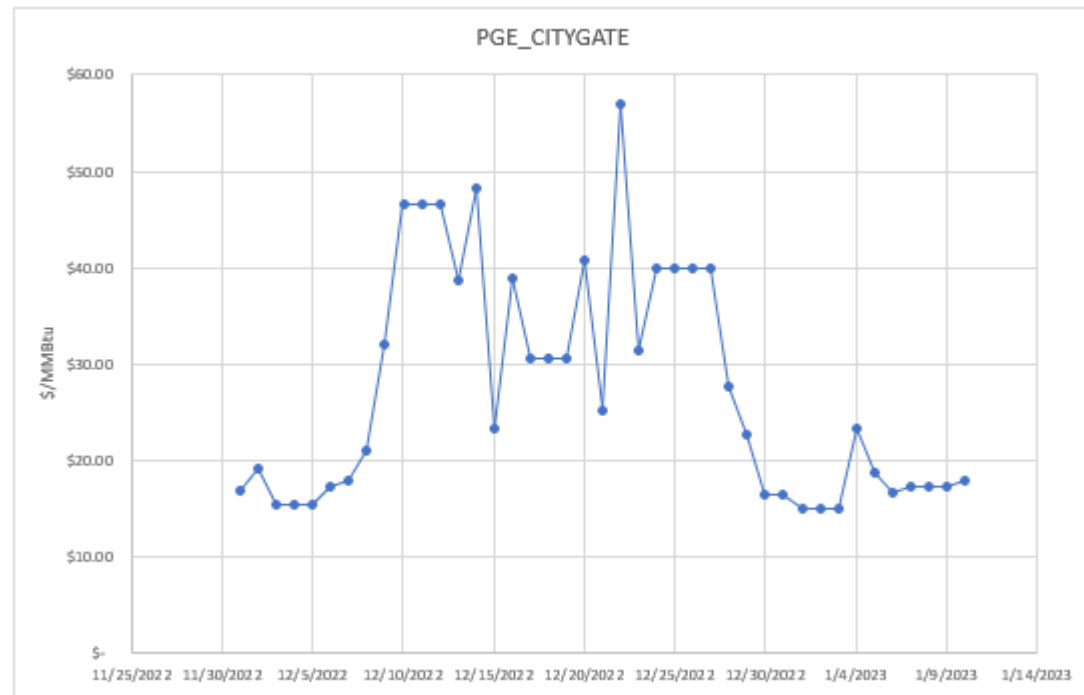
Market Conditions

OPR_DATE PGE_CITY

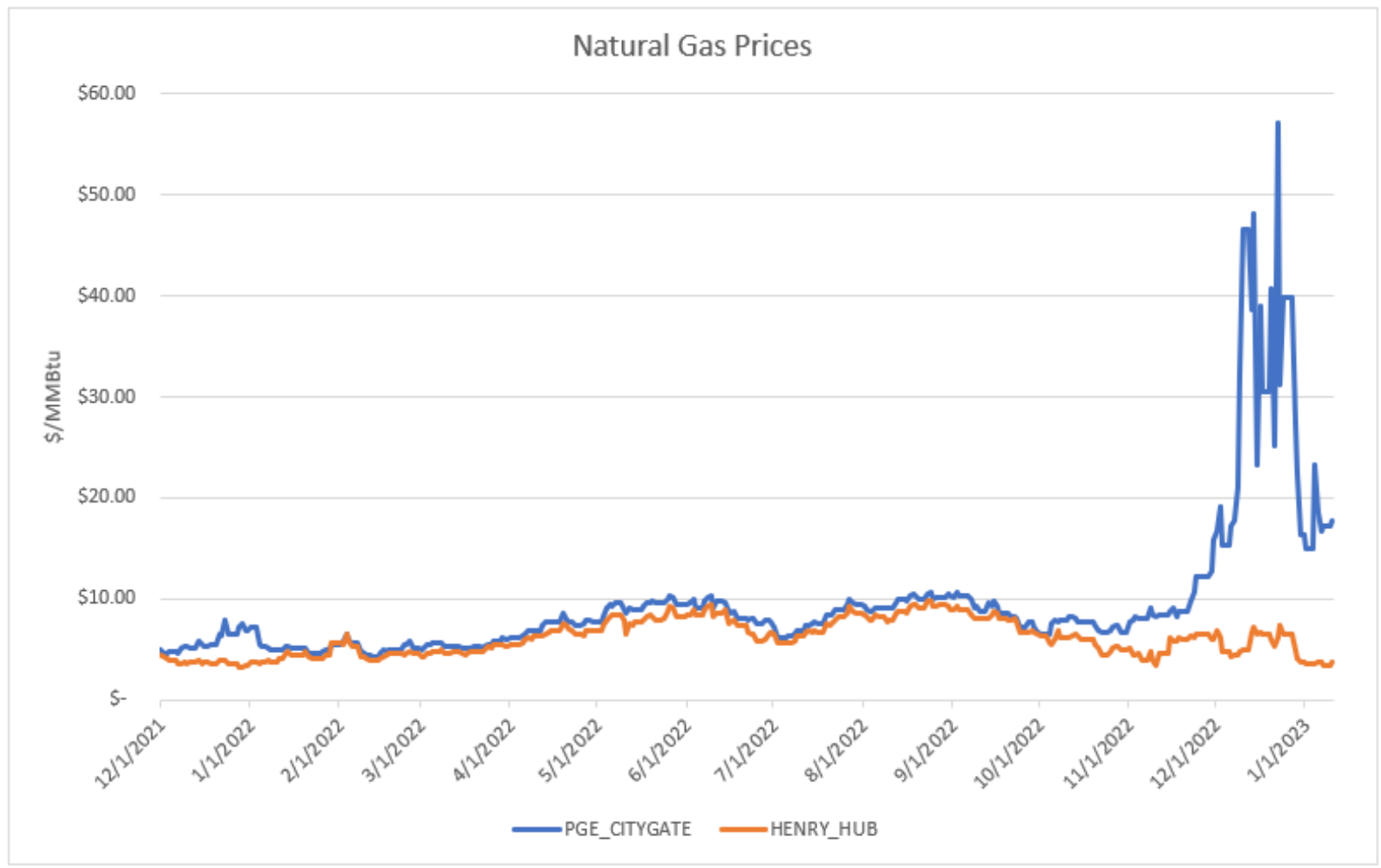
12/1/2022	\$ 16.80
12/2/2022	\$ 19.20
12/3/2022	\$ 15.25
12/4/2022	\$ 15.25
12/5/2022	\$ 15.25
12/6/2022	\$ 17.17
12/7/2022	\$ 17.80
12/8/2022	\$ 20.96
12/9/2022	\$ 32.03
12/10/2022	\$ 46.59
12/11/2022	\$ 46.59
12/12/2022	\$ 46.59
12/13/2022	\$ 38.59
12/14/2022	\$ 48.17
12/15/2022	\$ 23.29
12/16/2022	\$ 38.92
12/17/2022	\$ 30.49
12/18/2022	\$ 30.49
12/19/2022	\$ 30.49
12/20/2022	\$ 40.69
12/21/2022	\$ 25.24
12/22/2022	\$ 57.07
12/23/2022	\$ 31.28
12/24/2022	\$ 39.84
12/25/2022	\$ 39.84
12/26/2022	\$ 39.84
12/27/2022	\$ 39.84
12/28/2022	\$ 27.67
12/29/2022	\$ 22.61
12/30/2022	\$ 16.32
12/31/2022	\$ 16.32
1/1/2023	\$ 14.90
1/2/2023	\$ 14.90
1/3/2023	\$ 14.90
1/4/2023	\$ 23.30
1/5/2023	\$ 18.67
1/6/2023	\$ 16.67
1/7/2023	\$ 17.17
1/8/2023	\$ 17.17
1/9/2023	\$ 17.17
1/10/2023	\$ 17.81

Average PGE_CITYGATE Natural Gas Price

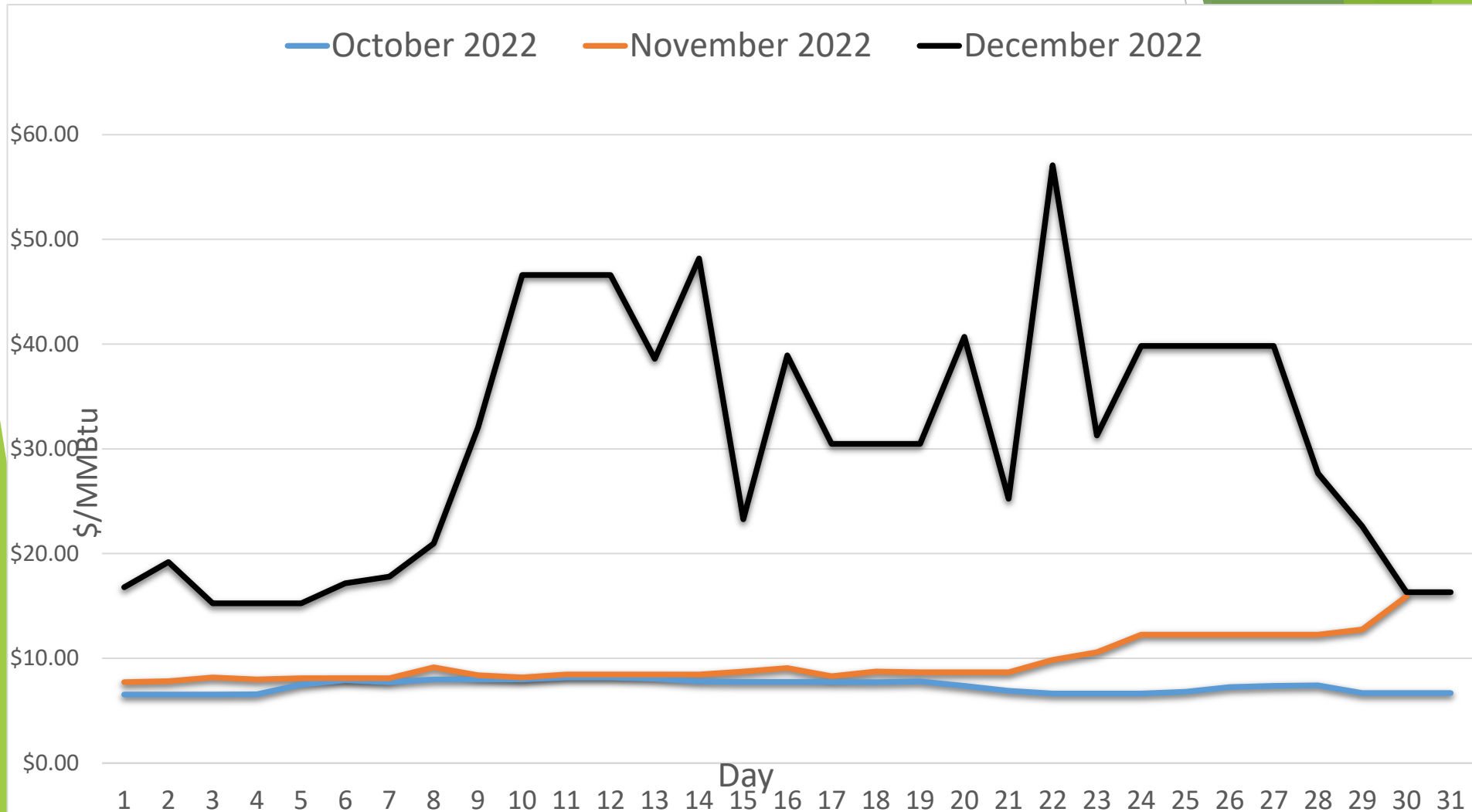
Dec 2021	Dec 2022	Delta	Delta
(\$/MMBtu)	(\$/MMBtu)	(\$/MMBtu)	(%)
\$ 5.74	\$ 30.53	\$ 24.79	432%



Market Conditions



December 2022 Daily PG&E City Gate Gas

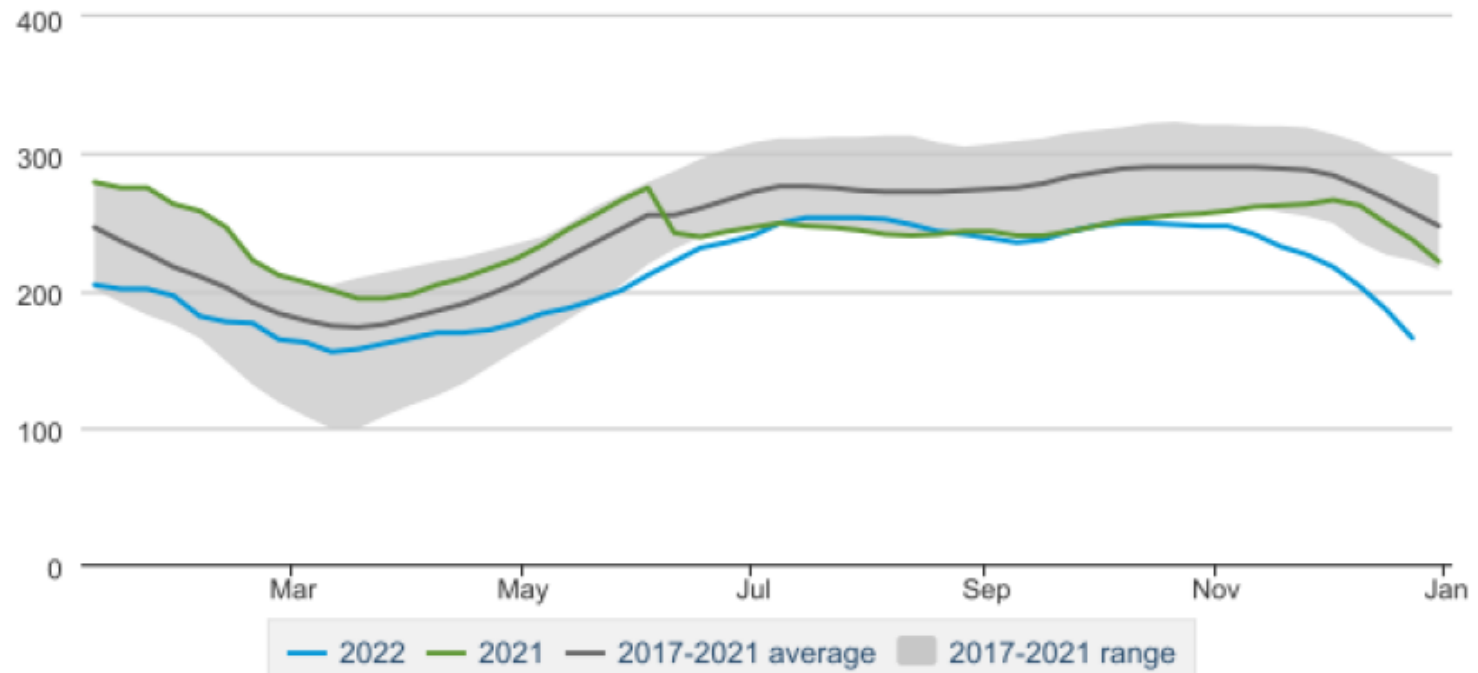


Market Conditions

Gas Storage – Pacific Region

Pacific region weekly working gas in underground storage

billion cubic feet

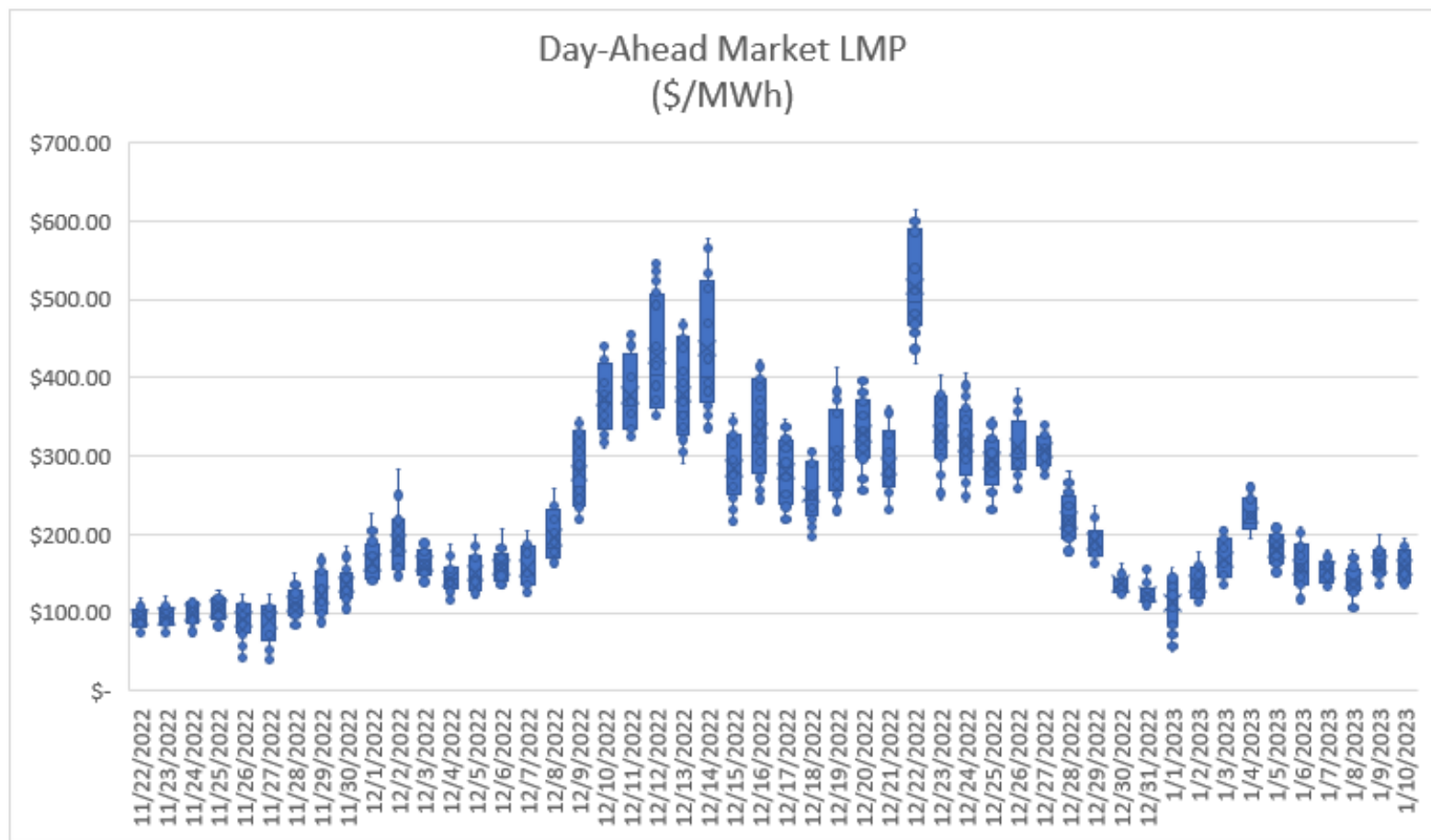


Market Conditions

11/22/22 – 1/10/23

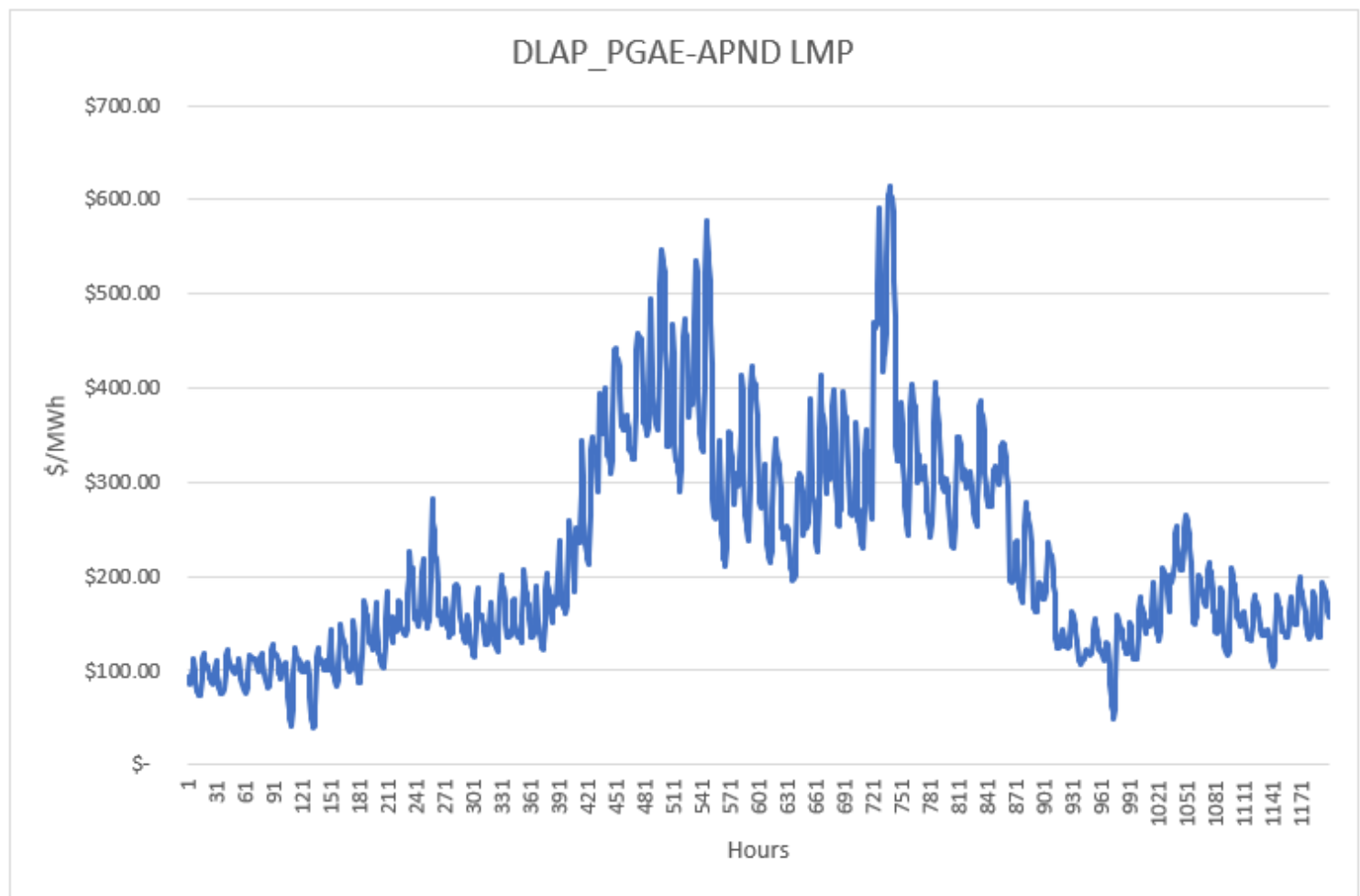
Average DLAP_PGAE-APND LMP

Dec 2021 (\$/MWh)	Dec 2022 (\$/MWh)	Delta (\$/MWh)	Delta (%)
\$ 63.54	\$ 270.81	\$ 207.28	326%

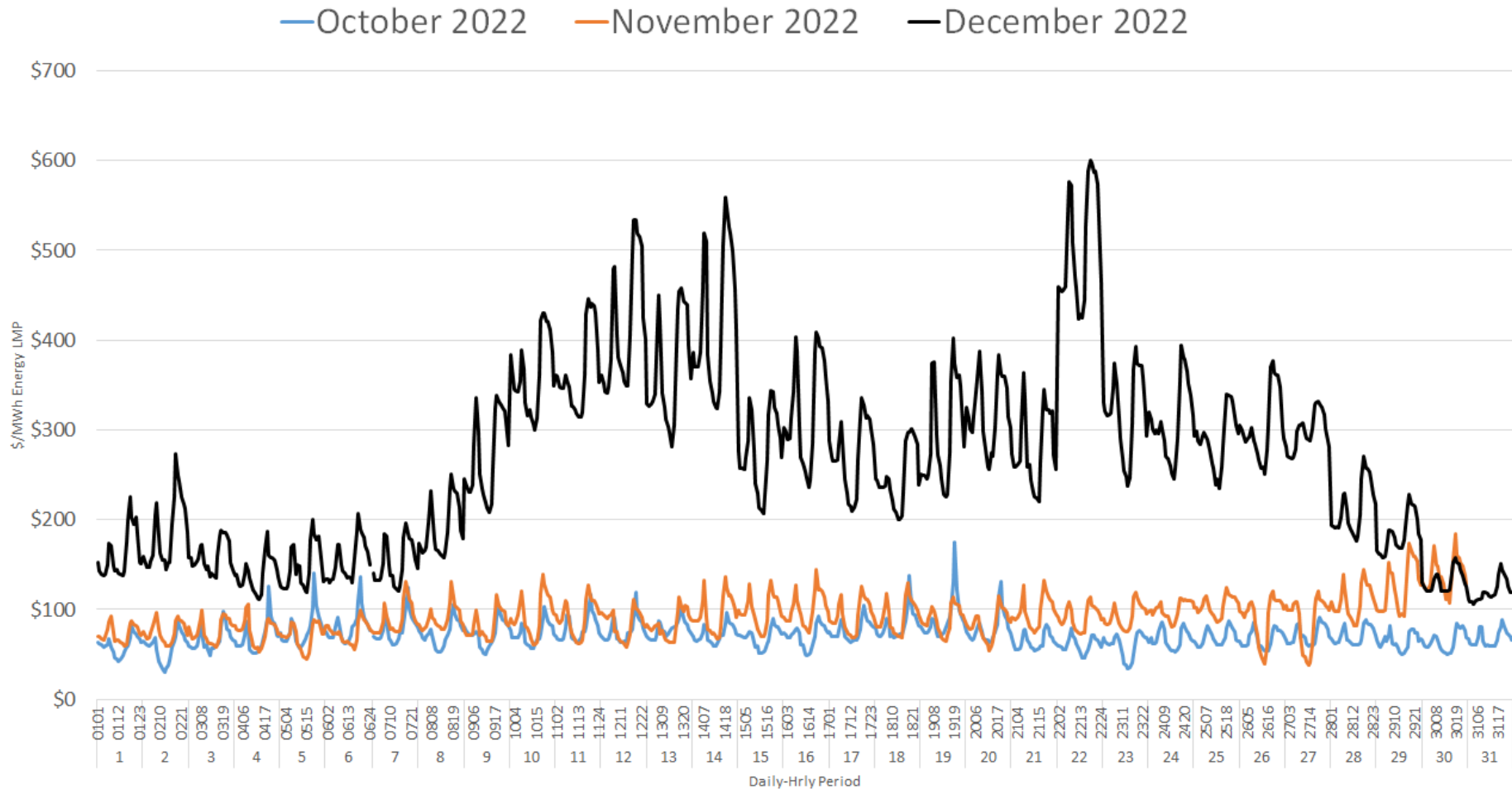


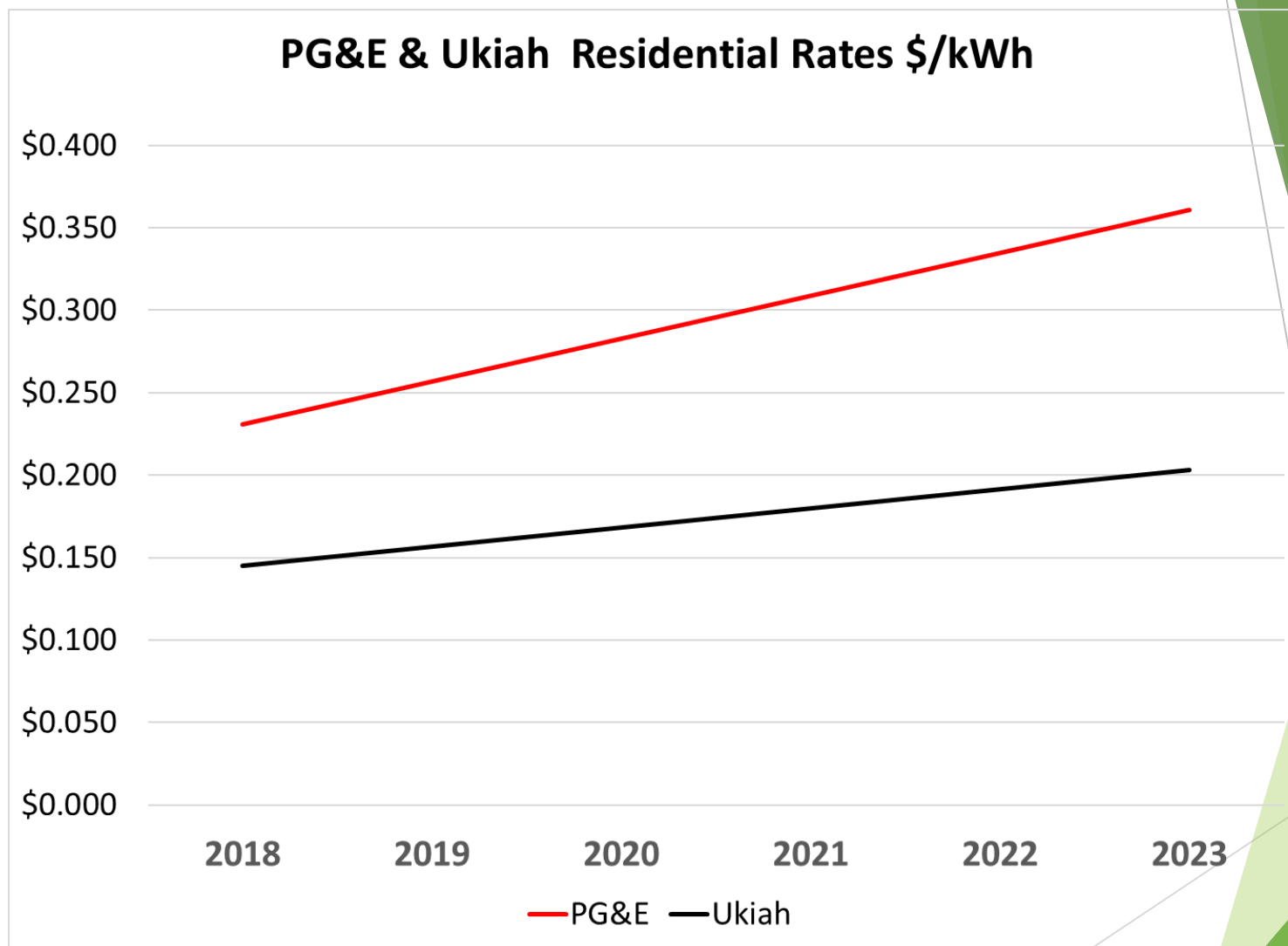
Market Conditions

11/22/22 – 1/10/23



DA Energy LMP values by Month

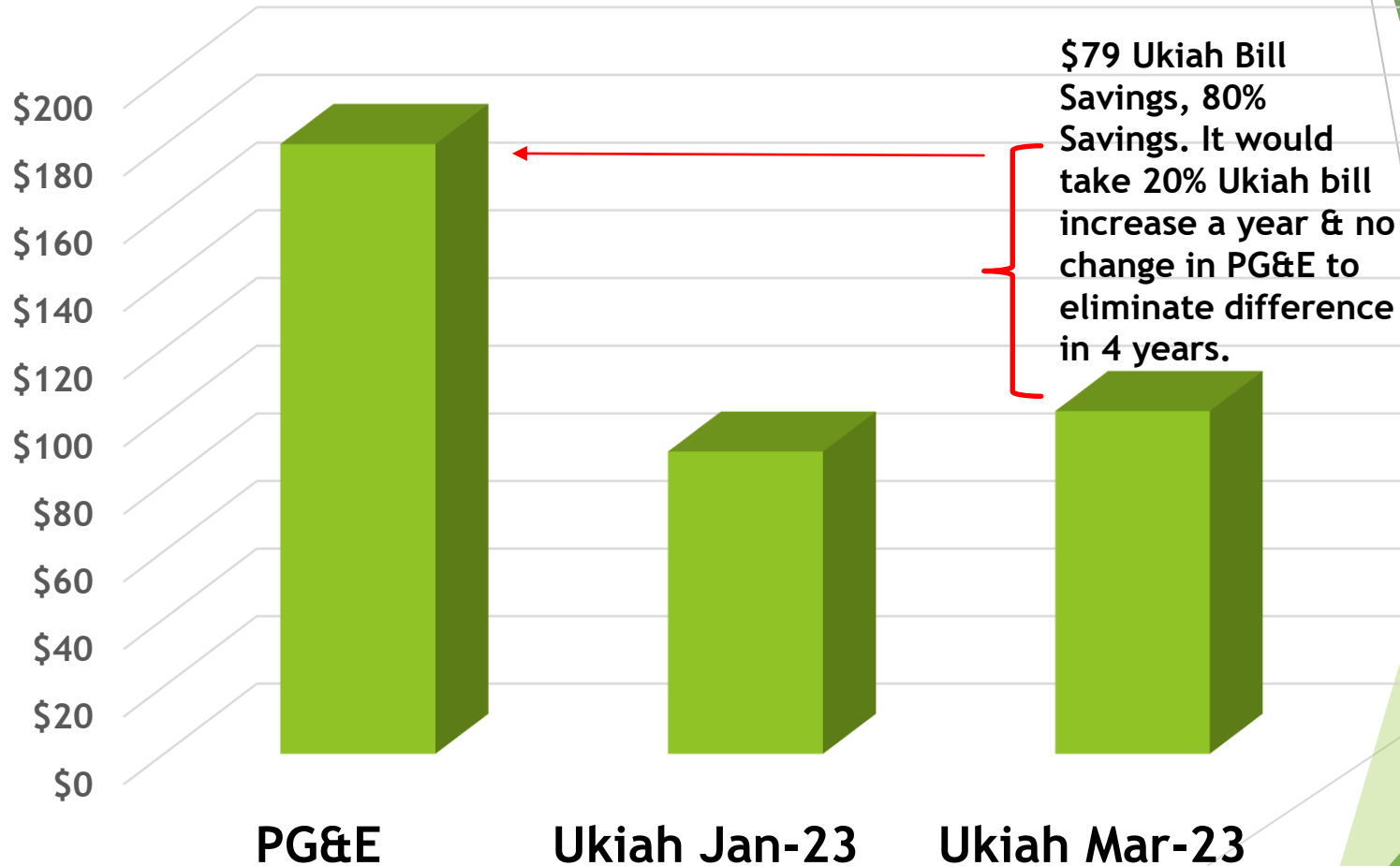




Residential Monthly Bill at 500 kWh

PG&E 2023 vs Ukiah

Ukiah current vs Ukiah PCS Change



Utility	% of PB Funds to LI Assistance
Alameda	30%
Healdsburg	42%
Lompoc	22%
Palo Alto	<1%
Ukiah	70%

Ukiah	2020	2021	2022
Energy Conservation	\$36,421	\$22,860	\$54,671
Low Income Assistance	\$172,325	\$179,045	\$140,731
Research and Demo	\$8,596	\$4,884	\$1,307
Marketing Materials	\$1,812	\$965	\$1,986

Ukiah City Assistance for Relief through Energy Support

CARES Program

Program	Less than 100% of FPIG	101% - 150% of FPIG	151% - 200% of FPIG	Payments
Senior Citizen Monthly Discount	\$40	\$30	\$20	Monthly bill credits
Non-Senior Household Monthly Discount Program	\$30	\$20	\$10	Monthly bill credits
Lower-Income Energy Efficient New Construction Program	\$500 - \$2,000 Per apartment			Rebate - Developer must apply and meet program requirements

Questions / Comments

City of Ukiah Amended Power Cost Surcharge Rider

This amends the City of Ukiah Power Cost Surcharge Rider as per Resolution No. 2023- The Power Cost Surcharge (Surcharge) is a per kilowatt-hour (kWh) charge that is used to ensure an adequate revenue stream to cover all power costs incurred by Ukiah Electric's system: including generation, management of Utility owned facilities, and transmission costs through Northern California Power Agency (NCPA). The Surcharge will be assessed to all customers as an additional charge per kWh to their standard rate.

Calculation:

A 12-month running sum of actual metered dollars invoiced and metered kWh of load for the previous 12 months of the NCPA Net All Resources Bill (ARB) will be maintained. The Surcharge Factor for a particular month will be calculated as the previous 12-month sum of actual metered NCPA net ARB invoiced amounts divided by the previous 12-month sum of the NCPA ARB metered kWh monthly loads adjusted for distribution losses and for bill timing adjustments. The Surcharge is set as the difference between Surcharge Factor of quarterly and the January 2022 Surcharge Factor. The Surcharge can be negative or positive.

The Surcharge is implemented quarterly on March 1st, June 1st, September 1st, and December 1st, with the first Power Cost Surcharge to begin on March 1, 2023.

RESOLUTION NO. 2023-

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF UKIAH AMENDING THE POWER COST SURCHARGE RIDER

WHEREAS: The City of Ukiah (“City”) provides electric utility services to residents and businesses in the City, and Ukiah Electric Utility is the City’s publicly owned electric utility with the City Council providing local governance and oversight; and

WHEREAS: The City has operated the municipal electric utility for more than 110 years and the electric rates are based on the cost to provide service; and

WHEREAS: The cost-of-service rates established to provide Ukiah customers with power include generation, transmission, and distribution components; and

WHEREAS: The Electric Utility has experienced additional cost pressures brought upon by the California energy market’s price volatility due to drought, natural gas prices, and inflation; and

WHEREAS: Council adopted Resolution 2022-54 Adopting a Power Cost Surcharge Rider to ensure that the Utility would fully recoup the cost to deliver power to Ukiah customers; and

WHEREAS: The Power Cost Surcharge Rider implemented in October 2022 was based on the actual difference of cost to provide power less the cost projected in January 2022, and is recalculated on a bi-annual basis; and

WHEREAS: The California energy market’s price volatility has increased to an even greater level and recovery of those costs is significantly delayed by using a bi-annual recalculation of the Power Cost Surcharge; and

WHEREAS: In order to offset the volatility, a more frequent recalculation of the Power Cost Surcharge value with an adjustment due to bill timing would allow the Utility to recoup the added costs in a timelier manner; and

WHEREAS: Under California Proposition 26, court rulings have indicated that electric rates must meet the cost-of-service requirements of the utility. The amended Power Cost Surcharge, based on actual costs, will meet the Proposition 26 requirements; and

WHEREAS: The City Manager and Staff recommend proceeding with the amended Power Cost Surcharge Rider as outlined in Exhibit A; and

WHEREAS: The Power Cost Surcharge will be applied to all customer’s usage, regardless of when the energy was used, and modified and applied, either up or down, based on actual costs on March 1st, June 1st, September 1st, December 1st every year with the first Amended Power Cost Surcharge to begin on March 1st, 2023; and

WHEREAS: In accordance with the Ukiah City Code Division 4, Chapter 6, Sections 3950 through 3957, the City Council will hold a public hearing on February 1, 2023, to receive the City Manager’s Report and consider adopting a resolution to amend the Power Cost Surcharge Rider. Legal notices were published successfully in accordance with City Code section 3953; and

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Ukiah hereby adopts the Amended Power Cost Surcharge Rider, as set forth in Exhibit A.

BE IT FURTHER RESOLVED

PASSED AND ADOPTED at a regular meeting of the City Council of the City of Ukiah on the 1st day of February 2023, by the following roll call vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

Mari Rodin, Mayor

ATTEST:

Kristine Lawler, City Clerk

Exhibit A

City of Ukiah Amended Power Cost Surcharge Rider

This amends the City of Ukiah Power Cost Surcharge Rider as per Resolution No. 2023- The Power Cost Surcharge (Surcharge) is a per kilowatt-hour (kWh) charge that is used to ensure an adequate revenue stream to cover all power costs incurred by Ukiah Electric's system: including generation, management of Utility owned facilities, and transmission costs through Northern California Power Agency (NCPA). The Surcharge will be assessed to all customers as an additional charge per kWh to their standard rate.

Calculation:

A 12-month running sum of actual metered dollars invoiced and metered kWh of load for the previous 12 months of the NCPA Net All Resources Bill (ARB) will be maintained. The Surcharge Factor for a particular month will be calculated as the previous 12-month sum of actual metered NCPA net ARB invoiced amounts divided by the previous 12-month sum of the NCPA ARB metered kWh monthly loads adjusted for distribution losses and for bill timing adjustments. The Surcharge is set as the difference between Surcharge Factor of quarterly and the January 2022 Surcharge Factor. The Surcharge can be negative or positive.

The Surcharge is implemented quarterly on March 1st, June 1st, September 1st, and December 1st, with the first Power Cost Surcharge to begin on March 1, 2023.



AGENDA SUMMARY REPORT

SUBJECT: Review of Applications Received, and Possible Adoption of Resolution Making Appointments to Fill Vacancies on the City of Ukiah Planning Commission.

DEPARTMENT: City Clerk

PREPARED BY: Kristine Lawler, City Clerk

PRESENTER: Kristine Lawler, City Clerk and Craig Schlatter, Community Development Director.

ATTACHMENTS:

1. Resolution 2021-52
2. Applications
3. Proposed Resolution

Summary: The City Council will review and consider applications received, and possibly adopt a resolution making appointments to fill vacancies on the City of Ukiah Planning Commission.

Background: The Planning Commission had three term expirations: Laura Christensen, Mark Hilliker, and Alex de Grassi (filling the term of Chris Watt and Ruth Van Antwerp), leaving three vacancies on the Planning Commission.

On January 20, 2021, the City Council voted to amend the procedure for filling vacancies on the Planning Commission to solicit applicants with the technical experience and qualifications needed to make the decisions required in their role as a Planning Commissioner. An Ordinance was then introduced on February 3, 2021, and adopted on February 17, 2021, to amend Division 1, Chapter 4, Article 4 of the City Code Regarding the Procedure for Filling Vacancies on the Planning Commission. This ordinance went into effect on March 19, 2021. On October 20, 2021, the City Council adopted Resolution 2021-52 (Attachment 1), which establishes a policy for the in-meeting process for nominating and appointing members to the Planning Commission.

A vacancy notice for the positions was posted online, in the glass case in front of the Civic Center, and sent to the Library for posting on December 14, 2022, and was then published in the Ukiah Daily Journal on December 17, 2022, with a deadline for submittals listed as January 20, 2023, at noon. Four applications (Attachment 2) were received from Alex de Grassi, Elora Babbini, Mark Hilliker, and Thao Phi. Laura Christensen submitted a resignation letter on December 12, 2022, but was willing to continue until her seat is filled.

Discussion: The primary role of a Planning Commissioner related to "current planning" (i.e. the granting of major discretionary entitlements) is to objectively determine facts and draw conclusions from those facts, basing decision on existing policy (set by City Council) and law; and considering Staff analyses, including agency goals and policies, along with community input, making recommendations and decisions based upon findings of fact.

Council can follow the guidelines set forth in Resolution 2021-52, which includes the following steps:

Applicant Statements:

1. Each applicant will fill out an application/questionnaire that will be published with the agenda (Attachment 2), and which the councilmembers can review ahead of the meeting.
2. At the meeting, the candidates will give a three-minute statement of why they want to serve in the

position.

3. Council can ask questions for specific candidates.
4. Public comment followed by additional Council questions if any.

Discussion:

5. Councilmembers will discuss the pros, cons, and preferences of the various candidates (nominations are not accepted at this stage).

NOTE: The following steps will be done separately for each vacant position.

Ranking:

6. Councilmembers will fill out a ranking form (Exhibit A to Resolution no. 2021-52 – Attachment 1). The forms will be submitted to the clerk, and a short recess will be held while the clerk calculates the results using the Ranking Form Calculator Sheet (Exhibit B to Resolution no. 2021-52 - Attachment 1 – provides details of how the ranking is calculated). Following the recess, the clerk will present the results of the ranking forms. If there is a tie resulting in two or more candidates with top ranks*, the process will be repeated with the top-ranking candidates until there are only two top-ranking candidates.

**The lowest score equals the top rank.*

7. With the top two candidates, a final run-off vote will be completed with a blind vote using ballots that will be distributed and returned to the Clerk, where each Councilmember may vote for one candidate. The Clerk will tabulate and announce the results. The successful candidate is the one receiving the most votes.

If there is more than one seat being filled, then the process starts over from Step #6, with the remaining candidates.

Appointment:

8. Once successful candidates have been selected, the Mayor may call for a motion, second, and roll call vote to adopt the resolution making the appointment(s) (Attachment 3).

Recommended Action: 1) Review, possibly interview applicants, and discuss applications received; 2) make nominations; 3) adopt resolution making appointments to fill vacant seats on the Planning Commission.

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: Craig Schlatter, Community Development Director

DIVERSITY-EQUITY INITIATIVES (DEI): N/A

CLIMATE INITIATIVES (CI): N/A

Approved: _____


Sage Sangiacomo, City Manager

RESOLUTION NO. 2021-52**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF UKIAH ESTABLISHING A POLICY FOR THE IN-MEETING PROCESS FOR NOMINATING AND APPOINTING NEW MEMBERS (*WHEN MORE THAN ONE CANDIDATE*) TO THE CITY COUNCIL (*FOR MID-TERM VACANCIES THAT COUNCIL OPTS TO APPOINT*), PLANNING COMMISSION, AND DESIGN REVIEW BOARD.**

WHEREAS, the City Council and Staff have determined that it would be helpful to have written clarification for the in-meeting process of nominating and appointing new members (*when more than one candidate*) to the City Council (*for mid-term vacancies that Council opts to appoint*), Planning Commission, and Design Review Board.

NOW, THEREFORE BE IT RESOLVED that the Council of the City of Ukiah adopts the following method for the in-meeting process of nominating and appointing new members (*when more than one candidate*) to the City Council (*for mid-term vacancies that Council opts to appoint*), Planning Commission, and Design Review Board:

Applicant Statements:

1. Each applicant will fill out an application/questionnaire that will be published with the agenda, and which the councilmembers can review ahead of the meeting.
2. At the meeting, the candidates will give a three-minute statement of why they want to serve in the position.
3. Council can ask questions for specific candidates.
4. Public comment followed by additional Council questions if any.

Discussion:

5. Councilmembers will discuss the pros, cons, and preferences of the various candidates (*nominations are not accepted*).

Ranking:

6. Councilmembers will fill out a ranking form (Exhibit A to the Resolution – Attachment 1). The forms will be submitted to the clerk, and a short recess will be held while the clerk calculates the results using the Ranking Form Calculator Sheet (Exhibit B to the Resolution - Attachment 1 – provides details of how the ranking is calculated). Following the recess, the clerk will present the results of the ranking forms. If there is a tie resulting in three or more candidates with top ranks*, the process will be repeated with the top-ranking candidates until there are only two top-ranking candidates.

**The lowest score equals the top rank.*

7. With the top two candidates, a final run-off vote will be completed with a blind vote using ballots that will be distributed and returned to the Clerk, where each Councilmember may vote for one candidate. The Clerk will tabulate and announce the results. The successful candidate is the one receiving the most votes.

If there is more than one seat being filled, then the process starts over from Step #6, with the remaining candidates.

Appointment:

8. Once a successful candidate (or candidates, if there is more than one) has been selected, the Mayor may call for a motion, second, and roll call vote to adopt the resolution making the appointment(s).

If there is only one candidate, then a simple discussion and adoption of a resolution is all that would be necessary to make the appointment.

PASSED, ADOPTED and APPROVED this 20th day of October, 2021 by the following vote on roll call vote:

AYES: Councilmembers Duenas, Brown, and Mayor Orozco

NOES: None

ABSTAIN: None

ABSENT: Councilmembers Crane and Rodin



Juan V. Orozco, Mayor

ATTEST:



Kristine Lawler, City Clerk

RANKING FORM

Councilmember Name: _____

Candidate #1	
Candidate #2	
Candidate #3	
Candidate #4	
Candidate #5	
Candidate #6	
Candidate #7	
Candidate #8	
Candidate #9	
Candidate #10	

**EXAMPLE
APPOINTMENT RANKING FORM**

Each Councilmember lists the Candidates in the order of preference with 1 being most preferred.

	Councilmember 1	Councilmember 2	Councilmember 3	Councilmember 4	Councilmember 5	SCORE
Candidate #1	2	2	4	3	2	2.6
Candidate #2	1	3	2	1	4	2.2
Candidate #3	4	1	1	2	3	2.2
Candidate #4	3	4	3	4	1	3
Candidate #5						0
Candidate #6						0
Candidate #7						0
Candidate #8						0
Candidate #9						0
Candidate #10						0

To get the score, the numbers on each Candidate's line are added up, then divided by the number of Councilmembers voting.

In this example Candidates #2 & #3 have tied for first place, with Candidate #1 in second place, and Candidate #4 in fourth place.

**Office of the City Clerk
Application for Vacant Planning Commissioner Position
City Council Appointment**

Applicant Questionnaire

Please Limit Your Answers to the Following Questions to the Space Provided

5. What do you believe to be the purpose of the Planning Commission and the duties and responsibilities of Commissioners?

I believe the purpose of the Planning Commission is to closely track and examine proposed planning in the city of Ukiah and to research and discuss with fellow Commissioners those specific issues that come before the Commission. Any decisions to be made by the Commission should carefully weigh the impact of such proposed development on neighboring residences and businesses as well as the community at large, with the long-term goal of making Ukiah a more livable, affordable, and economically viable city.

6. What do you consider to be the two most important land use issues facing our community? In your opinion, what role does the Planning Commission have in addressing these land use issues?

1. Developing and redeveloping infill to create more cohesive, economically equitable neighborhoods with easy—hopefully walkable-- access to services, while encouraging a mix of affordable and other types of housing.
2. Preserving open space and a greenbelt outside the city or the city's sphere of influence.

7. What is, or should be, the relationship between the City's Planning Commission and the City Council and between the Commission and Staff?

Communication between those three entities is crucial. Planning Commissioners should be familiar with the General Plan and the land use zoning code as well as issues before the city council concerning development. In turn, the Commission should be kept well informed by Staff and City Council on critical development projects, potential changes or additions to the code as well as any major development or use permit applications on the horizon. Planning Commissioners should consider attending City Council meetings to stay informed and up to date.

8. How do you believe your own skills, experience, and perspective will be beneficial to the work of the Planning Commission?

I believe my above-mentioned education, experience, and acquired understanding of planning together with strong communication skills will be of benefit to the Planning Commission. I work well with others, possess good writing skills and a functional understanding of Spanish. Having worked with many members of the community on events, I have developed relationships that I believe will be useful to the work of the Planning Commission.

9. Is there anything that you would like to add?

I welcome the opportunity to serve the community doing something I enjoy.

I declare under penalty of perjury under the laws of the State of California that I am a resident of the City of Ukiah, California, registered to vote in the City of Ukiah, and that all information stated in this application and all attached pages are true, correct and complete. I also acknowledge that if appointed, I will be subject to filing a Form 700 Statement of Economic Interest, and I have read and understand the City's Code of Ethics and Conduct.



1/10/2023

Signature of Applicant

Date

Please submit this application and supporting documentation to the Ukiah City Clerk's Office* by noon on Friday, March 26, 2021. Applications received by the City will become public records that may be subject to public disclosure. Except for the name of the applicant, the City will treat applications as confidential to the extent allowed by law until the close of the application deadline.

City of Ukiah
ATTN: City Clerk
300 Seminary Ave.
Ukiah, CA 95482

For office use only:

Staff has verified that the applicant is a registered voter in the City of Ukiah

☐

*Due to COVID restrictions, please drop application off at the drop box located at 411 Clay St. If you have any questions regarding the appointment process, you may call the City Clerk, Kristine Lawler, at 707-463-6217, or email klawler@cityofukiah.com. If you have any questions regarding community development, you may call Craig Schlatter, Community Development Director, at 707-463-6219, or email cschlatter@cityofukiah.com.

PROFESSIONAL SUMMARY

Self-Employed Musician/Recording Artist/Producer 1978 present, recording for Windham Hill Records, RCA/BMG, Earthbeat!, Tropo Records and others. Toured extensively internationally. Organized and directed many local fundraising events and served on the Redwood Valley Municipal Advisory Council

SKILLS

- Professional recording artist and performer
- Recording studio production
- Career management
- Strong writing skills
- Team leadership

EDUCATION

1970 High School Diploma – Gunn Senior High School – Palo Alto CA

1979 B.A. – Economic Geography – University California Berkeley

- Interned senior year at San Francisco City Planning Department

WORK HISTORY

1978 to Present Self-Employed Musician/Recording Artist/Producer

- Composed, arranged, recorded 18 commercially released audio recordings
- Toured extensively throughout the U.S. and internationally
- Nominated for a Grammy® for *The Water Garden* (1998)

1998 to Present Owner, Tropo Records

- Released 6 recordings
- Worked extensively with independent distributors, marketers, radio promotion, and publicists

1980 to Present Owner, Tropo Music (BMI)

- Published 3 books of music and numerous individual compositions. Managed business

2000 to Present: Owner/Director, Mendocino Guitar Workshop

- Planned and directed the workshop and contracted guest instructors
- Enlisted corporate sponsors to establish a tuition-free scholarship program

2016 to 2020 Redwood Valley Municipal Advisory Council, Development Review Chair

- Worked closely with County Planning in reviewing use permits

2016 to 2019: Rural Health Rocks, Co-Chair and Music Director

- Planned and directed fundraising concerts benefiting FMEMC and medical residency program

1978 to 1993 Recording Artist, Windham Hill Records

- Performed at Carnegie Hall, the Kennedy Center and major international guitar festivals

2003 to 2009 Music Director, S.P.A.C.E. Winter Concerts

- Contracted musicians and directed 7 "world music" concerts benefiting SPACE scholarship program

Planning Commission Application Statement: Alex de Grassi

I have always been fascinated by maps and the historical development of towns and cities, and in my extensive travels as a touring musician, I have made a point of learning something about the history and the economic, social and cultural factors that have contributed to shaping the places I have visited.

I have traveled frequently in Europe, where development has generally occurred over many hundreds or even thousands of years and where cities have often coalesced along rivers, seaports, hilltops and land routes long before trains, automobiles, airplanes and public transportation. Consequently, and because they were often surrounded by walls for protection of the inhabitants, many European cities have a compact nature, with town centers and commercial districts conducive to foot traffic. They also tend to have a finite boundary between the city limits and the countryside.

Development here in California, on the other hand, has been quite recent and rapid. Towns, cities, and especially suburbs have grown largely around the infrastructure of the automobile and plentiful land, often resulting in a less compact, more sprawling type of development in which the inhabitants are heavily reliant on cars in their daily lives.

By California standards, Ukiah is both a small and relatively old town—one that has developed fairly slowly and retained much of its original character. In the 27 years I have lived in the Ukiah Valley, growth has been minimal, and yet the demographics, needs and demands of the citizens continue to evolve. We live in a city surrounded by agriculture and easy access to nature, and the Ukiah Valley continues to assimilate both lower income ag workers as well as more affluent professionals seeking a rural, small town lifestyle.

I feel that it is important to preserve and to improve upon that small town feel of Ukiah while continuing to provide housing and services for an economically diverse citizenry. I believe that the recent move towards form-based zoning—along with the street narrowing project downtown—is a positive direction in planning, one that will contribute to a greater sense of community, increased foot traffic, and that it will have a positive impact on businesses in the future.

Planning decisions can have a major impact on immediate neighbors, as well as the neighborhood and the community at large. For that reason, I believe it's critical to balance the concerns of the individuals living and working in the immediate vicinity with the needs of the larger community. As a Planning Commissioner, I would be diligent in researching any proposed development that comes before the Commission; gather the facts, understand applicable codes, listen to all parties concerned, consult with fellow commissioners and Staff, and vote only after taking all these factors into consideration. I believe I am well qualified for the position by virtue of my education, my involvement in local government and community-building activities, and my ongoing interest in the stewardship of the Ukiah Valley. I love this community and would like to contribute to building a better Ukiah for generations to come.



City of Ukiah

Office of the City Clerk

300 Seminary Avenue
Ukiah, CA 95482

Stipend: \$100 per month

Estimated Monthly Time Commitment: 5-10 hours

APPLICATION FOR PLANNING COMMISSION

(Application must be submitted by noon on March 26)

NAME:	Elora Babbini		
	First	Last	
STREET ADDRESS:	[REDACTED]		
CITY:	Ukiah	STATE:	Ca
		ZIP CODE:	95482
PHONE: Home	[REDACTED]	Work/Cell	[REDACTED]
		Email:	[REDACTED]

Please attach a resume or description outlining your educational background and/or experience; an applicant statement (400-500 words) describing why you should be selected to fill this vacant position; and complete all questions on this application *(If there is not enough room in the field, please use an attached page)*. Applications can be submitted in person or mailed to: City of Ukiah, Attn: City Clerk, 300 Seminary Ave., Ukiah, CA 95482.

1. Highlight the relevant knowledge or skills that you will bring to the Planning Commission:

I am currently the chief planner for the mendocino county cannabis department. In addition to being the chief planner I currently sit as the planning commissioner for district two for the mendocino county planning commission, I also sit as one of the planning commissioner seats for the airport land use commission. I am also the chair for the city of Ukiah public spaces commission.

2. Have you ever served on a public, private, or non-profit Board, Committee, Commission, or Task Force? If yes, please specify below:

YES ☒

NO ☐

Name

Length of Service

1 year

Public spaces commission, chair 1 1/2 years

Applicant Questionnaire

3. What do you believe to be the purpose of the Planning Commission and the duties and responsibilities of Commissioners?

The planning commission gives recommendation, and approves/ denies projects based on interpretation of the city code, neighborhood comparability, and provides guidance to staff

4. What do you consider to be the two most important land use issues facing our community? In your opinion, what role does the Planning Commission have in addressing these land use issues?

Currently the lack of housing stock creates a dilemma for the development of our community. There is little high density housing and we have little water to support rapid urban growth.

5. What is, or should be, the relationship between the City's Planning Commission and the City Council and between the Commission and Staff?

The planning commission is responsible for recommending action to be taken by the city council. The planning commission typically has a more technical understanding of zoning code. The commission relies on information provided by staff for projects, staff receives direction on interpretation from the commission.

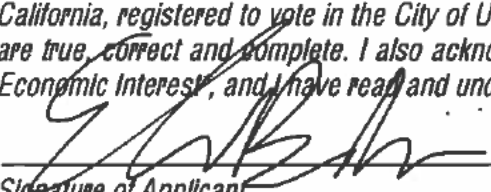
6. How do you believe your own skills, experience, and perspective will be beneficial to the work of the Planning Commission?

I think that my background in planning will be beneficial to the commission. I grew up in Mendocino county and am dedicated to my community. I believe in positive sustainable development that improves the community holistically.

7. Is there anything that you would like to add?

I have been grateful to serve my community and hope to have the opportunity to contribute to the City if Ukiah's planning commission.

I declare under penalty of perjury under the laws of the State of California that I am a resident of the City of Ukiah, California, registered to vote in the City of Ukiah, and that all information stated in this application and all attached pages are true, correct and complete. I also acknowledge that if appointed, I will be subject to filing a Form 700 Statement of Economic Interest, and I have read and understand the City's Code of Ethics and Conduct.


Signature of Applicant

December 14th, 2022

Date

**Form 700 – Every elected official and public employee who makes or influences governmental decisions is required by State Law to submit a Statement of Economic Interest, also known as the Form 700. The Form 700 provides transparency and ensures accountability in two ways:*

- 1. It provides necessary information to the public about an official's personal financial interests to ensure that officials are making decisions in the best interest of the public and not enhancing their personal finances.*
- 2. It serves as a reminder to the public official of potential conflicts of interest so the official can abstain from making or participating in governmental decisions that are deemed conflicts of interest.*



City of Ukiah

Office of the City Clerk

300 Seminary Avenue
Ukiah, CA 95482

Stipend: \$100 per month

Estimated Monthly Time Commitment: 5-10 hours

APPLICATION FOR PLANNING COMMISSION

(Application must be submitted by noon on March 26)

NAME: Mark Hilliker
First Last

STREET ADDRESS: _____

CITY: UKIAH STATE: CALIFORNIA ZIP CODE: 95482

PHONE: Home N/A Work/Cell _____ Email: _____

Please attach a resume or description outlining your educational background and/or experience; an applicant statement (400-500 words) describing why you should be selected to fill this vacant position; and complete all questions on this application *(If there is not enough room in the field, please use an attached page)*. Applications can be submitted in person or mailed to: City of Ukiah, Attn: City Clerk, 300 Seminary Ave., Ukiah, CA 95482.

1. Highlight the relevant knowledge or skills that you will bring to the Planning Commission:

see attached

2. Have you ever served on a public, private, or non-profit Board, Committee, Commission, or Task Force? If yes, please specify below:

YES ☒ NO ☐

Name

Length of Service

#1.

I have lived in and observed the growth of the City of Ukiah for over 50 years. As part of my work in the community I have inspected and reviewed information on a majority of the Public Spaces within the City.

For the last 8 years I have contributed to the work of the Planning Commission as a commission Member. I participated in the development of the 20-40 General Plan as a member of the Public and a Commissioner.

I have worked in the field of Fire Safety and Suppression, Employee and Facility Safety. I have educated myself in construction techniques, and Fire and Building Codes.

#2.

I have worked as a Board Member and President of the City of Ukiah Employees Credit Union. I am a member of the Ukiah High School Alumni Committee. I currently sit on the Citizens' Bond Oversight Committee for Measure "A" (2020). Sitting member of the Planning Commission for the City of Ukiah.

#3.

Provide a citizens review of projects proposed for addition the the City of Ukiah. Review the general projects, considering Design Review Board findings, zoning considerations and any special conditions prescribed by the City. Determine weather the review process has included all departments with in the City. Review all comments received from City Departments, Outside Agencies to include both Public / Private and Governmental.

#4.

Annexation to the City and the Ability of the City to provide services to make the process attractive to those involved. The Planning Commission must assure that potential issues receive proper consideration and that potential problems (with in the realm of planning) are identified and resolved.

#5.

The relationship of the Commission to the Council should be as an advisory and support agency. Providing a completed review process, that the Council can be assure the project information is clear, and all elements are within the guide lines required for completion.

#6.

I am a team player, and do to my back ground and experience can focus on issues which other members might over look.

#7. Thank You for the opportunity to serve.

**Office of the City Clerk
Application for Vacant Planning Commissioner Position
City Council Appointment**

Applicant Questionnaire

3. What do you believe to be the purpose of the Planning Commission and the duties and responsibilities of Commissioners?

4. What do you consider to be the two most important land use issues facing our community? In your opinion, what role does the Planning Commission have in addressing these land use issues?

5. What is, or should be, the relationship between the City's Planning Commission and the City Council and between the Commission and Staff?

6. How do you believe your own skills, experience, and perspective will be beneficial to the work of the Planning Commission?

7. Is there anything that you would like to add?

I declare under penalty of perjury under the laws of the State of California that I am a resident of the City of Ukiah, California, registered to vote in the City of Ukiah, and that all information stated in this application and all attached pages are true, correct and complete. I also acknowledge that if appointed, I will be subject to filing a Form 700 Statement of Economic Interest*, and I have read and understand the City's Code of Ethics and Conduct.

Mark Seiches
Signature of Applicant

1/18/23
Date

*[Form 700](#) – Every elected official and public employee who makes or influences governmental decisions is required by State Law to submit a Statement of Economic Interest, also known as the Form 700. The Form 700 provides transparency and ensures accountability in two ways:

1. It provides necessary information to the public about an official's personal financial interests to ensure that officials are making decisions in the best interest of the public and not enhancing their personal finances.
2. It serves as a reminder to the public official of potential [conflicts of interest](#) so the official can abstain from making or participating in governmental decisions that are deemed conflicts of interest.



City of Ukiah

Office of the City Clerk

300 Seminary Avenue
Ukiah, CA 95482

Stipend: \$100 per month

Estimated Monthly Time Commitment: 5-10 hours

APPLICATION FOR PLANNING COMMISSION

(Application must be submitted by noon on March 26)

NAME: Thao Phi
First Last
STREET ADDRESS: 818 W. Church St., Ukiah, CA 95482
CITY: Ukiah STATE: CA ZIP CODE: 95482
PHONE: Home 707-540-5550 Work/Cell _____ Email: thao@ukiah.gov

Please attach a resume or description outlining your educational background and/or experience; an applicant statement (400-500 words) describing why you should be selected to fill this vacant position; and complete all questions on this application *(If there is not enough room in the field, please use an attached page)*. Applications can be submitted in person or mailed to: City of Ukiah, Attn: City Clerk, 300 Seminary Ave., Ukiah, CA 95482.

1. Highlight the relevant knowledge or skills that you will bring to the Planning Commission:

- Education and experience in organizations in leadership
- Very organized and meticulous
- Interpersonal skills and works well with others
- Communication skills: oral, written, and listens to others
- Experience with planning in other contexts, including events and strategic planning

2. Have you ever served on a public, private, or non-profit Board, Committee, Commission, or Task Force? If yes, please specify below:

YES ☐

NO ☒

Name

Length of Service

**Office of the City Clerk
Application for Vacant Planning Commissioner Position
City Council Appointment**

Applicant Questionnaire

3. What do you believe to be the purpose of the Planning Commission and the duties and responsibilities of Commissioners?

I believe the purpose of the Planning Commission is to plan for and help develop the physical infrastructure of the city of Ukiah. The duties and responsibilities are concisely described as to "prepare, make and adopt, subject to the provisions of law, a master plan for the physical development of the city, and of any land situated outside the boundaries thereof which in the Commission's judgment bears relation to the planning thereof." What hat really means is to plan and think critically, logically, responsibly; to work with other fellow commissioners, city council, and staff; and to listen to the community and public at large for their input.

4. What do you consider to be the two most important land use issues facing our community? In your opinion, what role does the Planning Commission have in addressing these land use issues?

The two important land issues facing the community are economic development and sustainability. Planning Commission is to think big and critically about how to achieve said items: look at what has and hasn't worked in Ukiah; looking at what Ukiah needs and what is feasible; and look at what has and hasn't worked for other towns, both relative to scale and socioeconomics of Ukiah.

5. What is, or should be, the relationship between the City's Planning Commission and the City Council and between the Commission and Staff?

The relationship between the City's Planning Commission and the City Council would be that of a hierarchical structure. The Commission would draft plans, and it would be the responsibility of the City Council to give the final approval to move forward with plans. The Commission and Staff would have more of a horizontal relationship in the sense that the Commission would plan and give directive to the staff, and the staff is responsible for carrying out the plans. At that point, the Commission would become more advisory. City Council has general oversight of all matters relating to Ukiah.

6. How do you believe your own skills, experience, and perspective will be beneficial to the work of the Planning Commission?

My skills include being organized, analytical, and the ability to communicate with and listen to others. My experience has been in working with different communities, with different age groups, and gives me multifaceted emphasis on community. My perspective would be from the lens of a diverse, young, person who has lived in community for almost a decade. These qualities would all benefit the work of the Planning Commission because it is grounded in professional training and experience while also being invested in the community.

7. Is there anything that you would like to add?

No

I declare under penalty of perjury under the laws of the State of California that I am a resident of the City of Ukiah, California, registered to vote in the City of Ukiah, and that all information stated in this application and all attached pages are true, correct and complete. I also acknowledge that if appointed, I will be subject to filing a Form 700 Statement of Economic Interest, and I have read and understand the City's Code of Ethics and Conduct.*

Thao Phi

01/19/2023

Signature of Applicant

Date

**[Form 700](#) – Every elected official and public employee who makes or influences governmental decisions is required by State Law to submit a Statement of Economic Interest, also known as the Form 700. The Form 700 provides transparency and ensures accountability in two ways:*

- 1. It provides necessary information to the public about an official's personal financial interests to ensure that officials are making decisions in the best interest of the public and not enhancing their personal finances.*
- 2. It serves as a reminder to the public official of potential [conflicts of interest](#) so the official can abstain from making or participating in governmental decisions that are deemed conflicts of interest.*

January 19, 2023
Thao Phi
Planning Commission
Applicant Statement

My interest in filling the vacant position in the Planning Commission stems from a true curiosity for planning and infrastructure. I am naturally inclined to think in systems-mode and am great at planning in other contexts. I would like to better understand how the local government and its commissions works. I also want to help the community and improve the offering it physically has available to citizens. I enjoy collaborating with others to work on something bigger than ourselves and spend time thinking of some of these related items anyway. I would bring a diverse perspective as someone relatively younger and a person of color. There are different needs I can observe and hear about while also being willing to listen to others. Having an optimistic mindset, I would like to plan for the Ukiah we would ideally like to live in rather than being in crisis-mode.

My educational background provides a sound foundation for serving on the planning commission. I have a bachelor of science in business administration with a concentration in human resources. I know how to organize businesses with an emphasis on working cooperatively with people. My graduate degree is a master of arts in organization and leadership. While my focus was on higher education, my coursework also covered general organization and leadership of non-profit organizations, communities, and other sectors. There is a tendency for me to think analytically, logically, and methodically. I am think holistically in how to balance the collective and the individual parts.

Professionally, I have worked for many years in a local institution and now work for the county. Having been involved in a variety of planning, including the very minute details to event planning, larger picture strategic planning, long-term and short-term planning. I am used to working under deadlines, on teams, and balancing multiple priorities. It is also important for me to be able to work in a harmonious environment. Personalities and opinions will differ, but there is the need to remain cordial and open-minded.

The experience I have in the world beyond educational and professional settings makes me a well-rounded candidate for the Planning Commission. I have been living in Mendocino County for almost nine years and invested in the community. I am well-traveled statewide, domestically, and internationally. Whenever I travel, I take immediate notice to the physical infrastructure and how the streets and buildings are laid out. I have experience with what is a good or bad layout based on traveling through the place. In addition to much travel, I have my eye on aesthetics. While extravagance and excessiveness are not my style, I prefer quality and good taste. The physical appearance of a town can affect who shows up and how they show up. The physical development of Ukiah will certainly require a balance of practicality, utility, and improving the quality of life for those who live here.

Thank you for considering my application.

EDUCATION

- 2017 *Master of Arts, Organization and Leadership with concentration in Higher Education*
University of San Francisco | San Francisco, CA
- 2013 *Bachelor of Science, Business Administration with concentration in Human Resource Management*
University of California, Riverside | Riverside, CA

PROFESSIONAL EXPERIENCE

- 07/2022-present
Ukiah, CA **County of Mendocino, Public Health | Department Analyst I**
- Assist in process for department to become accredited by Public Health Accreditation Board (PHAB)
 - Be up to date on PHAB accreditation policies
 - Gather and study data regarding program operations
 - Collect and analyze data from a variety of sources, including departmental and external records, reports, documents, surveys, and contracts
 - Prepare a variety of reports, records, and other documents on departmental policies, procedures, and operations
 - Review, analyze, and make recommendations on various program operations, program studies, policies, and procedures
 - Review work methods and systems to determine possible modifications to increase service efficiency and effectiveness
 - Quality improvement training, projects, and duties as assigned
 - Establish working committee focused on team-building, equity, engagement, and morale
- 08/2018-present
Ukiah, CA **Instilling Goodness Developing Virtue Schools**
- Volunteer Teacher (one class per year - Ethics 9, Buddhism 11/12, and World Religions 11/12)
 - Design materials for outreach and recruitment
 - College Advisor - became certified through Teachers College at Columbia University to assist with college inquiries and letters of recommendation
 - Serve as advisory member for Blue Zones Project
- 10/2013-06/2022
Ukiah, CA **Dharma Realm Buddhist University**
- Outreach Manager & Institutional Research Analyst** | July 2019 - June 2022
- Office of University Relations**
- Develop materials on university to share with prospective students
 - Maintain communication with local constituents
 - Coordinate monthly university newsletter that goes to over 3,000 readers
 - Serve as advisor to student magazine team
 - Became member of and maintain university profile on CommonApp
 - Schedules prospective student visit and coordinates with teaching faculty
- Office of Institutional Research** | July 2019 - June 2022
- Be up to date on WSCUC accreditation policies
 - Assist in accreditation report writing, including institutional program reviews and programmatic self-studies
 - Pilot assessment and evaluation with Campus Life - draft student affairs program review handbook, assist in developing measurable outcomes, develop and select assessment instruments, data analysis, and report writing
 - Assist with accreditation visit logistics
- Symposium Committee** | August 2015 - June 2022
- Organize academic guest lectures and events that complements student learning

- Invite guest speakers and coordinate logistics
- Design posters for upcoming events
- Marketing and outreach of event to various audiences
- Developed survey for student feedback and alignment with program learning outcomes
- Developed process of approval for event proposals

Registrar | August 2014 - June 2022

- Drafts annual academic calendar
- Coordinates course catalog
- Coordinates annual convocation ceremony
- Coordinates annual commencement ceremony
- Create use case forms and documentation process

Academic Resource Center Coordinator | July 2017 - June 2018

- Assign students to writing tutors and serve as liaison between students and tutors
- Assist in organizing supplemental academic workshops and career services workshops
- Assist Associate Dean of Academic Affairs as needed

Assistant to the Dean of Students | July 2015 - June 2019

Office of Admissions and Financial Aid

- Respond to initial prospective student inquiries
- Schedules prospective student visit and coordinates with teaching faculty
- Recruits prospective students and provides essential information related to admissions requirements and enrollment processes
- Assist with on-campus and external events for recruitment efforts and outreach process
- Contributes and develops new ideas for admissions events and office functions
- Makes recommendations for continual process improvements within the Office of Admissions
- Builds database of communication channels
- Recruits prospective students and provides essential information related to admissions requirements and enrollment processes
- Created Campus Life brochure for use in recruiting and outreach

Student Services Coordinator | October 2014 - July 2015

- Develop Student Organization process and procedures for students and staff, including: new student organization application, orientation, funding, re-registration, and policies guide
- Research and create procedure for Campus Life staff training and professional development including restorative justice, Holacracy, and gained institutional membership with American College Personnel Association and American Association of Collegiate Registrars and Admissions Officers
- Create forms for emergency contact information, health history, FERPA, and liability waiver
- Gather data and documentation for Western Association of Schools and College accreditation review
- Assist Academic Dean with Academic Support Services in the following areas: tutoring, library, disability services, career counseling, computer lab, and co-curricular activities
- Organize various projects for Office of Admissions including: interview students, staff, and faculty; compile documentation and interviews for historical archive; and organize alumni association
- Plan campus-wide activities and events with to promote student, staff, and faculty involvement
- Plan commencement including coordination with registrar, academic department, and logistics with Dean of Students

Recruiter | October 2013 - September 2014

- Developed recruitment strategy including interviewed admissions officers of other colleges, presentation of procedure to university-wide constituencies, and created recruitment guide
- Provided essential information related to admissions requirements and enrollment processes to prospective students
- Assisted with on-campus and external events for recruitment efforts and outreach process

- Gained institutional membership with National Association for College Admission Counseling and Western Association for College Admission Counseling
- Attended regional and national college fairs to provide university information to prospective students
- Built database of communication channels for religious affiliates and California high schools
- Visited five to seven California high schools weekly to contact college and ROP counselors

10/2016-08/2017
San Francisco, CA

University of San Francisco | *Graduate Research Assistant*

- Compile research articles
- Create surveys to engage participants
- Collate and code data
- Update syllabus course materials

10/2013-10/2014
Riverside, CA

Glen Oaks College

Director of Admissions | January 2014 - October 2014

- Provided essential information related to admissions requirements from point of inquiry through enrollment process
- Presented school to prospective students and parents, including: handled applications and communication with candidates and their parents; gave tours of the institution; interviewed with candidates and their parents; administered entrance testing; secured necessary student credentials; and communicated final decisions to the appropriate individuals
- Maintained records for student attendance and grades
- Issued transcripts, certificates of completion, and diplomas
- Created and maintained filing system for admitted, enrolled, dropped, and graduated students
- Coordinated Certified Nursing Assistant program: interview prospective instructors, get California Department of Public Health approval of program, assist with student applications to take state certification exam
- Updated content, edit, and format the following: enrollment agreement, program disclosures, course catalog, student handbook, and media plan
- Submitted regulatory documents to California Bureau for Private Postsecondary Education including: annual reports, performance fact sheets, and application for change in educational objectives

International Admissions Intern | October 2013 - December 2013

- Worked directly with President in developing strategy for international student recruitment
- Assisted with on-campus and external events for recruitment efforts and outreach process
- Made recommendations for continual process improvements within the Office of Admissions
- Built database of communication channels for prospective international students

10/2011-06/2013
Riverside, CA

The Well at UC Riverside | *Wellness Program Coordinator*

- Worked closely with staff in program development to create, host various wellness-related events in addition to weekly, quarterly, and special events
- Well-informed on campus resources
- Trained and able to communicate with distressed students and provided them with resources
- Served as a resource person and program facilitator for a variety of campus audiences
- Organized the projects and created marketing materials for campus-wide marketing of programs
- Assessed areas of strength and deficiency in outreach and programming to stimulate more involvement and participation in student events
- Collaborated with student support offices for programming and resource outreach initiatives
- Administrative duties

CONFERENCE PRESENTATIONS

Berkeley, CA
2018

The Intersection of Buddhist and Educational Theoretical Frameworks
Eighth International Conference on Religion & Spirituality in Society
Religion in Society Research Network

Blacksburg, VA
2018

Educating the Whole Human: Deconstructing Authority and Empowering Students
Conference on Higher Education Pedagogy
Virginia Tech - Center for Excellence in Teaching and Learning

Scotts Valley, CA
2017
Buddhist Liberal Arts Education, Contemplative Practice, and Social Justice
Radicalizing Contemplative Education: Compassion, Intersectionality, and Justice in
Challenging Times
Association for Contemplative Mind in Higher Education

INVITED TALKS

2015
A Paradigm Shift on Difficult Experiences
Gavilan Community College
Gilroy, CA

2013
Lessons from My Kindness Challenge
Jain Center of Southern California
Buena Park, CA

COMMUNITY VOLUNTEERING AND EXPERIENCE

2022
City Council Candidate
City of Ukiah | Ukiah, CA

2022, 2021
Volunteer
Russian River Watershed | Talmage, CA

2020-2021
Volunteer
NCO Caring Kitchen | Ukiah, CA

2020
Organize Candidate Forum for District 1 Supervisor
City of Ten Thousand Buddhas | Talmage, CA

RESOLUTION NO. 2023-**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF UKIAH MAKING APPOINTMENTS TO THE PLANNING COMMISSION.**

WHEREAS, pursuant to Ordinance 1211, members of the Planning Commission shall be appointed by a majority of the City Council, each to serve at the will of the City Council up to a term of four (4) years; and

WHEREAS, with the term expirations of Laura Christensen, Mark Hilliker, and Alex de Grassi, on December 19, 2022, there are three vacancies on the Planning Commission; and

WHEREAS, the vacancies were posted online, in the glass case in front of the Civic Center, and sent to the Library for posting on December 14, 2023, and was then published in the Ukiah Daily Journal on December 17, 2022, with a deadline for submittals listed as noon on January 20, 2023; and

WHEREAS, the City Clerk's office received four applications from Alex de Grassi, Elora Babbini, Mark Hilliker; and Thao Phi; and

WHEREAS, the City Council met on February 1, 2023, reviewed the applications, conducted interviews, made nominations, and voted to appoint _____, _____, and _____ to fill the vacancies.

NOW, THEREFORE, BE IT RESOLVED, that the Ukiah City Council approve the nominations, and do hereby appoint the following persons and terms:

BOARD/ COMMISSION	NAME	POSITION	TERM EXPIRATION
Planning Commission		Commissioner	February 1, 2027
Planning Commission		Commissioner	February 1, 2027
Planning Commission		Commissioner	February 1, 2027

PASSED AND ADOPTED this 1st day of February, 2023, by the following roll call vote:

AYES:

NOES:

ABSTAIN:

ABSENT:

Mari Rodin, Mayor

ATTEST:

Kristine Lawler, City Clerk



AGENDA SUMMARY REPORT

SUBJECT: Annual Report on Public Spaces Commission Status and Outreach Plan.

DEPARTMENT: Community Services

PREPARED BY: Neil Davis, Community Services Director

PRESENTER: Neil Davis, Community Services Director

ATTACHMENTS:

1. PSC Outreach Plan 2023dRAFT
2. 2023 Schedule DRAFT

Summary: Council will receive and consider a report on the Status and 2023 Outreach Plan for the Public Spaces Commission.

Background: Following City Council direction in January 2021, Staff engaged in a public process to merge the Paths, Open Space and Creeds Commission (POSCC) and the Parks, Recreation, and Golf Commission (PRGC). Following that process, at the February 2, 2022, City Council meeting, an ordinance (Div 1. Government, Chapter 4. Commissions and Boards, Article 1 Public Spaces Commission) was introduced to create the Public Spaces Commission, allowing for all current, interested members of the PRGC and PORCC to continue to serve through the end of their terms, with the Commission being weaned to seven members as terms expired or members resigned.

Per the ordinance, the Public Spaces Commission (PSC) is to have three primary functions. The first function is to solicit, collate, and analyze public input, and provide advice and recommendations to Council based on this input. The second function is to form short-term “working groups,” both among themselves as well as with members of the public, to pursue areas of collective interest and to assist City Staff with work product and special projects. The third function is to annually update the Public Spaces Commission Community Outreach Plan (Attachment 1). The intent of the annual update to the plan is to allow the PSC, in collaboration with Staff and Council, to continually improve the community input and engagement process.

The first Annual Community Outreach plan was adopted by the City Council and presented to the new commission. The Outreach plan includes a minimum of two Community Forums per year and four commission meetings to allow for the preparation of the Community Forums and to allow for the commissioners to report on small group projects. Council requested an annual status update on the Outreach Plan and efficacy of the Commission.

Discussion: The initial meeting of the new Public Spaces Commission (PSC) was held on March 23rd, a little over one month after the group was formed. A commission chair was elected and the outreach plan and a schedule for the year were approved. A few commissioners chose to step down rather than participate in the new process. The current commission has only four members but two new members are applying. The minimal number of commissioners has made it difficult to establish a quorum at meetings, and additional meeting scheduling challenges have been created by inadvertent administrative errors.

However, there have also been a number of positive steps. The average number of attendees for the meetings has increased, and the Staff-to-commissioner ratio has decreased. Although the first Community Forum attracted only seven participants, the November Community Forum had 30 attendees, an unprecedented amount of public engagement. Staff have become more proficient in scheduling, noticing, and conducting hybrid meetings, thereby facilitating participation. Following the Community Outreach Plan, Staff sent the first

two quarterly e-newsletters and have sent a total of 24 email updates. Further, a new system of email communication has been initiated that will allow for improved tracking of community engagement.

The first meeting of this year once again lacked a quorum, so the Commission was unable to approve the reintroduction of the Community Outreach Plan (Attachment 1) and schedule (Attachment 2). These guiding documents will continue to be used until the Commission can present and update new documents.

Recommended Action: Receive report.

BUDGET AMENDMENT REQUIRED: No

CURRENT BUDGET AMOUNT: 0

PROPOSED BUDGET AMOUNT: 0

FINANCING SOURCE: NA

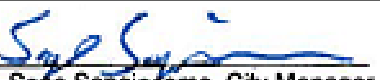
PREVIOUS CONTRACT/PURCHASE ORDER NO.: NA

COORDINATED WITH:

DIVERSITY-EQUITY INITIATIVES (DEI): N/A

CLIMATE INITIATIVES (CI): N/A

Approved:


Sage Sangiacomo, City Manager

Public Spaces Commission Community Outreach Plan

1/2023 **DRAFT**

The Mission of the Public Spaces Commission (PSC) is to foster a culture of informed community participation in the planning and implementation of the wise use of public spaces. The seven-member PSC shall have the power and duty to solicit, collate, and analyze public input on the wise use of public spaces and; provide recommendations and advice to both staff and the City Council based on said input. Additionally, PSC members in collaboration with staff may choose to form “working groups” to explore and formulate advice or recommendations on specific areas regarding the wise use of public spaces.

In support of the PSC mission, City staff will;

1. Convene Biannual Community Input Forums
2. Prepare a Quarterly Public Spaces E-Newsletter
3. Convene four time per year Public Input Forum planning meetings
4. Prepare and distribute a monthly Parks and Recreation Update Video
5. Provide staff support to working groups on mutually agreed upon topics
6. Assist the PSC in an annual update to this plan.

Public Spaces Biannual Community Input Forums

The Public Spaces Biannual Community Input Forums will be held as hybrid in-person and online events. Meetings will be planned to cover two to four prearranged topics with time available for discussion of an unplanned topic at attendee consensus request. The PSC will work with staff to decide upon topics and presenters. City staff will prepare presentations that will include Q&A sessions after the presentations. Forums will be recorded and available on the City You Tube Channel

Prepare a Quarterly Public Spaces E-Newsletter

E-Newsletter will cover the same topics as Community Input Forum to allow for an additional medium for distribution. E-Newsletter may contain additional material. E-Newsletter will be distributed to an interested parties list and be available online.

Convene four time per year PSC Public Input Forum Planning and Workgroup meetings

These meetings will allow PSC members the opportunity to work with staff to plan the Community Input Forums and to report on PSC working group activities.

Prepare and distribute a monthly Parks and Recreation Update Video

The Community Services Supervisor or Designee will record a video presentation with updates on the Parks and Recreation activities. The presentation will be based on the report that has traditionally been provided to the Parks, Rec, and Golf Commission (PRGC) but it will be made available to a much wider audience through You Tube, social, media, and e-newsletter.

Working Groups

PSC members will be encouraged to form Working Groups both among themselves as well as with members of the public to pursue areas of interest and to the benefit of effective City management. All working groups should have a City Council member of staff “sponsor” to ensure a collaborative approach.

2023 Schedule (Proposed)

Attachment 2

All Dates Second Tuesday of the Month.

	January	February	March	April	May	June	July	August	September	October	November	December
2023 - PSC Proposed												
Park/Rec Monthly Update												
Quarterly Newsletter												
Planning / Work Group Meetings												
Biannual Community Forum												



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 Clerk

PREPARED BY: Kristine Lawler, City Clerk

PRESENTER: Mayor Rodin and Various Councilmembers

ATTACHMENTS:

1. 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

LOCAL / UKIAH VALLEY	MTG DATE/TIME	MEETING LOCATION		MAILING ADDRESS/CONTACT	COMMITTEE FUNCTION	ASSIGNED TO	PRINCIPAL STAFF SUPPORT
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	
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	Traci Boyl, City Manager's Office Management Analyst; 467-5720; tboyl@cityofukiah.com	
Greater Ukiah Business & Tourism Alliance	4th Monday of month, 10:00 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	Rodin Duenas - Alternate	Shannon Riley, Deputy City Manager; 467-5793 sriley@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	Rodin Orozco- Alternate	Sean White, Director of Water Resources; 463-5712 swhite@cityofukiah.com	
North Coast Opportunities (NCO)	4th Wednesday of month, 2 p.m.	Alternating locations - Ukiah and Lakeport	Governing Board Chair North Coast Opportunities 413 North State Street Ukiah, CA 95482	Assist low income and disadvantaged people to become self reliant	Burgess	Jake Burgess, Community Services Supervisor; 463-6201 jburgess@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 Neil Davis - Alternate	David Burton, Museum Director; 467-2836 dburton@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 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	
MENDOCINO COUNTY	MTG DATE/TIME	MEETING	LOCATION	MAILING ADDRESS/CONTACT	COMMITTEE FUNCTION	ASSIGNED TO	PRINCIPAL STAFF SUPPORT
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 <i>(Mayor - Primary; Vice Mayor - Alternate)</i>	Mayor Rodin Vice Mayor Duenas - Alternate	Kristine Lawler, City Clerk; 463-6217 klawler@cityofukiah.com	
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	
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	Duenas	Kristine Lawler, City Clerk; 463-6217; klawler@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	Rodin 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	Rodin Duenas - 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	Duenas Sher - Alternate	Tim Eriksen, Public Works Director/City Engineer; 463-6280 teriksen@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	Liaisons: Owen/Schlatter	Greg Owen, Airport Manager; 467-2855; gowen@cityofukiah.com Craig Schlatter, Director of Community Development; 463-6219; cschlatter@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 - Desired Alternate if appointment becomes available with City Selection Committee	Craig Schlatter, Director of Community Development; 463-6219; cschlatter@cityofukiah.com	

2023 CITY COUNCIL SPECIAL ASSIGNMENTS

MENDOCINO COUNTY Continued	MTG DATE/TIME	MEETING	LOCATION	MAILING ADDRESS/CONTACT	COMMITTEE FUNCTION	ASSIGNED TO	PRINCIPAL STAFF SUPPORT
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	Crane 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	Sher Duenas - Alternate	Tim Eriksen, Public Works Director/City Engineer; 463-6280 teriksen@cityofukiah.com
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, Police Captain Duenas - Alternate	Cedric Crook, Police Captain 463-6771; ccrook@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
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
REGIONAL	MTG DATE/TIME	LOCATION		MAILING ADDRESS/CONTACT	COMMITTEE FUNCTION	ASSIGNED TO	PRINCIPAL STAFF SUPPORT
Great Redwood Trail Agency	Bi-monthly, 3rd Thursdays, 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	Rodin Duenas - Alternate	Neil Davis, Community Services Director 467-5764 ndavis@cityofukiah.com
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	Orozco Duenas -Alternate	Sage Sangiacomo, City Manager; 463-6221 ssangiacomo@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 425 South Main St., Sebastopol, CA 95472 508-3670	Consider issues related to Russian river - plans projects and funding requests	Rodin Sher - Alternate	Tim Eriksen, Public Works Director/City Engineer; 463-6280 teriksen@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
STANDING COMMITTEES	MTG DATE/TIME	LOCATION		MAILING ADDRESS/CONTACT	COMMITTEE FUNCTION	ASSIGNED TO	PRINCIPAL STAFF SUPPORT
Diversity and Equity	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; tboyl@cityofukiah.com
Fire Executive Committee	2nd Wednesdays of month, 3:45 p.m.	Ukiah Valley Conference Center, 200 S. School Street Ukiah, CA		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/Sher	Doug Hutchison, Fire Chief; 463-6263; dhutchison@cityofukiah.com
Countywide Oversight Board to the RDA Successor Agencies	4th Thursday of January, 4:00 p.m.; meets annually	Ukiah Valley Conference Center, 200 S. School Street Ukiah, CA		City of Ukiah ATTN: City Clerk 300 Seminary Ave. Ukiah, CA 95482 707-463-6217	oversee and direct the Successor Agencies of the former redevelopment agencies	Crane	Dan Buffalo, Director of Finance; 463-6220 dbuffalo@cityofukiah.com Kristine Lawler, City Clerk; 463-6217, klawler@cityofukiah.com

2023 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	Tim Eriksen, Public Works Director/City Engineer; 463-6280 teriksen@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	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/Orozco	Dan Buffalo, Director of Finance; 463-6220 dbuffalo@cityofukiah.com Sean White, Water Resources Director 463-5712 swhite@cityofukiah.com
Orr Street Bridge Corridor	Rodin/Sher	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
Special Districts (Water District Consolidation)	Orozco/Crane	Shannon Riley, Deputy City Manager 467-5793 sriley@cityofukiah.com
Corp Yard Planning	Crane/Orozco	Jason Benson, Senior Civil Engineer 463-6284 jbenenson@cityofukiah.com
Police Chief Recruitment	Rodin/Sher	Shannon Riley, Deputy City Manager 467-5793 sriley@cityofukiah.com
City/District Review of 2019/22 Proposed Fire Code	Crane/Orozco	Doug Hutchison, Fire Chief 463-6263 dhutchison@cityofukiah.com
Mendocino County Courthouse Project and Reuse	Sher/Orozco	Shannon Riley, Deputy City Manager 467-5793 sriley@cityofukiah.com