

ADDENDUM #2 – APRIL 2, 2025

RE: CITY OF COQUILLE URA
N. Adams Street Improvements Phase 1: Underground Improvements
Project #23.81

FROM: HGE ARCHITECTS, Inc.
333 South 4th Street
Coos Bay, Oregon 97420
541-269-1166

TO: Prospective Bidders

This Addendum forms a part of the Contract Documents and modifies the original Documents dated February 2025, as noted below. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

This Addendum consists of **TWO (2)** page(s) together with the following attachments:

- **Substitution Request Form (During Bidding)**
- **REVISED C410 Bid Form**
- **North Adams Street Geotechnical Boring Report, dated December 2023**
- **REVISED Section 01025-2 Measurement and Payment**
- **REVISED Sheet C200 Sanitary Sewer – STA 19+50 – 20+00 & STA 30+00 – 31+75**
- **REVISED Sheet C201 Sanitary Sewer – STA 40+00 – 44+59**
- **REVISED Sheet C300 Waterline Improvements – STA 50+00 – 55+00**
- **REVISED Sheet C301 Waterline Improvements – STA 55+00 - END**
- **REVISED Sheet C401 Electrical Improvements**
- **Mandatory Pre-Bid Conference Attendance Sheet – For Reference Only**
- **Plan Holder's List, dated 3/19/25 – For Reference Only**

CHANGES TO PROJECT MANUAL:

1. **Specification Section 00100 Table of Contents:** Make the following changes:
 - a. **Bidding Phase Documents:** ADD "Substitution Request Form (During Bidding)"
 - b. **Division 0 – Project Requirements:** ADD "North Adams Street Geotechnical Boring Report, December 2023"
2. **Substitution Request Form (During Bidding):** ADD attached section in entirety.
3. **C410 Bid Form:** REPLACE section with attached in entirety.
4. **North Adams Street Geotechnical Boring Report, dated December 2023:** ADD attached report in entirety.
5. **Section 01025-2 Measurement and Payment:** REPLACE section with attached in entirety.

CHANGES TO DRAWINGS:

1. **Sheet C200 Sanitary Sewer – STA 19+50 – 20+00 & STA 30+00 – 31+75:** REPLACE sheet with attached revised sheet.
 - a. **Revision Summary:**
 - i. Added note to connect 8" lined pipe at STA 30+00 manhole
 - ii. Deleted a note pointing to nothing
 - iii. Corrected lateral at STA 31+10 or so to 6" from 4"
2. **Sheet C201 Sanitary Sewer – STA 40+00 – 44+59:** REPLACE sheet with attached revised sheet.
 - a. **Revision Summary:**
 - i. Added lateral at 40+95, corrected 42+09 to 6" from 4"
 - ii. show point of connection for lateral at FCCU.
3. **Sheet C300 Waterline Improvements – STA 50+00 – 55+00:** REPLACE sheet with attached revised sheet.
 - a. **Revision Summary:**
 - i. Added gate valve for 2" service to Nosler
 - ii. Corrected services to Sawdust Theater to 4" fire line and 2" domestic
 - iii. Switched some tees to flange, using flg x mj gate valves for simplicity (as opposed to mj tees to mj valves)
4. **Sheet C301 Waterline Improvements – STA 55+00 - END:** REPLACE sheet with attached revised sheet.
 - a. **Revision Summary:**
 - i. Added note to find buried valve
 - ii. Added waterline connection details
 - iii. Switched some tees to flange, using flg x mj gate valves for simplicity (as opposed to mj tees to mj valves)
5. **Sheet C401 Electrical Improvements:** REPLACE sheet with attached revised sheet.
 - a. **Revision Summary:**
 - i. Added notes clarifying that the vaults at the Library Parking Lot are existing
 - ii. Added notes clarifying the connection to existing vault on the far end of 3rd Street (Project Limits)

SUBSTITUTION APPROVALS: None.

END OF ADDENDUM #2





333 S. 4TH STREET
COOS BAY, OREGON 97420
P: 541.269.1166
www.hge1.com

SUBSTITUTION REQUEST

(During the Bidding Phase)

Project: _____ Substitution Request Number: _____

From: _____
To: _____ Date: _____

A/E Project Number: _____
Re: _____ Contract For: _____

Specification Title: _____ Description: _____
Section: _____ Page: _____ Article/Paragraph: _____

Proposed Substitution: _____
Manufacturer: _____ Address: _____ Phone: _____
Trade Name: _____ Model No.: _____

Attached data includes product description, specifications, drawings, photographs, and performance and test data adequate for evaluation of the request; applicable portions of the data are clearly identified.

Attached data also includes a description of changes to the Contract Documents that the proposed substitution will require for its proper installation.

The Undersigned certifies:

- Proposed substitution has been fully investigated and determined to be equal or superior in all respects to specified product.
- Same warranty will be furnished for proposed substitution as for specified product.
- Same maintenance service and source of replacement parts, as applicable, is available.
- Proposed substitution will have no adverse effect on other trades and will not affect or delay progress schedule.
- Proposed substitution does not affect dimensions and functional clearances.
- Payment will be made for changes to building design, including A/E design, detailing, and construction costs caused by the substitution.

Submitted by: _____
Signed by: _____
Firm: _____
Address: _____
Telephone: _____

A/E's REVIEW AND ACTION

- ☐ Substitution approved - Make submittals in accordance with 00200 Instructions to Bidders, Article 11 – Substitute And/or Equal Items
- ☐ Substitution approved as noted - Make submittals in accordance with 00200 Instructions to Bidders, Article 11 – Substitute And/or Equal Items
- ☐ Substitution rejected - Use specified materials.
- ☐ Substitution Request received too late - Use specified materials.

Signed by: _____

Date: _____

Supporting Data Attached:

☐ Drawings ☐ Product Data ☐ Samples ☐ Tests ☐ Reports ☐ _____

BID FORM FOR CONSTRUCTION CONTRACT

The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 1—OWNER AND BIDDER

1.01 This Bid is submitted to:

City of Coquille - URA

City Hall

851 N Central Blvd, Coquille OR, 97423

Oregon, 97496

1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2—ATTACHMENTS TO THIS BID

2.01 The following documents are submitted with and made a condition of this Bid:

- A. Required Bid Security (C-430, Bid Bond)
- B. List of Proposed First-Tier Subcontractors (C-440, First-Tier Subcontractors Disclosure Form) *(within two hours of bid closing)*
- C. Bidders Qualification Statement (C-451, Qualification Statement) *(unless prequalified per Section 3.02 of Instructions to Bidders)*
- D. Bidder Responsibility Certification (Section 00460, Contractors Responsibility Certification)
- E. Residency Statement (Section 00461, Residency Statement)
- F. Employee Drug Certification (Section 00462, Employee Drug Certification)
- G. Non-Discrimination Certification (Section 00463, Non-Discrimination Certification)
- H. Certificate of Compliance with Oregon Tax laws (Section 00464, State Tax Law Compliance Certification)
- I. Certificate of Licensing by the Construction Contractors Board (Section 00465, CCB License Certification)

ARTICLE 3—BASIS OF BID—LUMP SUM BID AND UNIT PRICES

3.01 *Unit Price Bids*

A. Bidder will perform the following Work at the indicated unit prices:

- 1. Base Bid:

1	Mobilization - Bonds & Insurance	ls	1		
2	Construction Facilities & Temporary Controls	ls	1		
3	Demolition & Site Preparation	ls	1		
4	Construction Staking	ls	1		
Surface Repair & Restoration					
5	Traffic & Pedestrian Control	ls	1		
6	Foundation Stabilization	cy	100		
7	Asphalt Concrete Pavement - Level 3 (6" Patch Depth)	ton	755		
8	Standard Curb & Gutter/ Vertical Curb	lf	150		
9	Standard Concrete Sidewalk Repair w/ AB	sf	750		
10	Concrete Driveway/Pedestrian Ramp Repair w/ AB	sf	100		
11	Striping Repair	ls	1		
12	Site Restoration	ls	1		
Drainage Improvements					
13	18" PVC SD Piping - Class B Backfill	lf	938		
14	48" SD Manhole	ea	5		
15	G2 Catch Basin	ea	1		
Sanitary Sewer Improvements					
16	8" PVC SS Piping - Class B Backfill	lf	573		
17	12" PVC SS Piping - Class B Backfill	lf	89		
18	Bypass Pumping	ls	1		
19	Sanitary Sewer Lateral Connection, Complete, 4 or 6"	ea	13		
20	Sanitary Sewer Lateral Cleanout - 4"	ea	1		
21	Sanitary Sewer Lateral Cleanout - 6"	ea	7		
22	Sanitary Sewer Lateral Service, Complete, 4"	lf	41		

23	Sanitary Sewer Lateral Service, Complete, 6"	lf	287		
24	48" SS Manhole	ea	6		
Water Improvements:					
25	10" C900 Waterline Piping, Class B Backfill, All Fittings, Elbows, Tees, Transitions, Testing, Complete	lf	918		
26	2" Gate Valve	ea	2		
27	10" Gate Valve	ea	8		
28	New HDPE Water Service, Connection, Complete to Existing Angle Stop or as Otherwise Shown, 1"	ea	10		
29	New HDPE Water Service, Connection, Complete to Existing Angle Stop or as Otherwise Shown, 2"	ea	2		
30	New 4" PVC Fire Service up to Existing Gate Valve	ea	1		
Electrical And Lighting Improvements:					
31	4" PVC Conduit, Class B Backfill, Complete, All Installation Methods	lf	2874		
32	6" PVC Conduit, Class B Backfill, Complete, All Installation Methods	lf	1838		
33	Oldcastle 444 Vault w/ 6" AB, Installed, Complete	ea	20		
34	Oldcastle 575 Vault w/ 6" AB, Installed, Complete	ea	4		
35	Oldcastle 644 Vault w/ 6" AB, Installed, Complete	ea	1		
36	Service Upgrades per Cedar Electric Report	ls	1		
37	Light Pole - VI-A7-G1-APM90-F/20', Dual Arm w/ Foundation, Complete	ea	15		
38	Light Pole VI-A7-G1-F/20', Post Top w/ Foundation, Complete	ea	11		
39	Post Top Acorn Light Fixture, 40W, 3000K	ea	26		
40	Top Mounted Acorn Light Fixture, 40W, 3000K	ea	15		
41	Junction Box Type-1 17"x10"x12"	ea	24		
42	1-1/2" Conduit, Complete, All Installation Methods	lf	1499		
43	Concrete Restoration for Electrical Improvements	sf	1000		

B. Bidder acknowledges that:

1. each Bid Unit Price includes an amount considered by Bidder to be adequate to cover Contractor's overhead and profit for each separately identified item, and
2. estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Work will be based on actual quantities, determined as provided in the Contract Documents.

3.02 *Total Bid Price (Lump Sum and Unit Prices, Both Schedules Combined)*

Total Bid Price (Total of all Lump Sum and Unit Price Bids)	\$
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ARTICLE 4—TIME OF COMPLETION

4.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 15.06 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.

4.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 5—BIDDER'S ACKNOWLEDGEMENTS: ACCEPTANCE PERIOD, INSTRUCTIONS, AND RECEIPT OF ADDENDA

5.01 *Bid Acceptance Period*

A. This Bid will remain subject to acceptance for 60 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

5.02 *Instructions to Bidders*

A. Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security.

5.03 *Receipt of Addenda*

A. Bidder hereby acknowledges receipt of the following Addenda:

Addendum Number	Addendum Date

ARTICLE 6—BIDDER'S REPRESENTATIONS AND CERTIFICATIONS

6.01 *Bidder's Representations*

A. In submitting this Bid, Bidder represents the following:

1. Bidder has examined and carefully studied the Bidding Documents, including Addenda.

2. Bidder has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
3. Bidder is familiar with all Laws and Regulations that may affect cost, progress, and performance of the Work.
4. Bidder has carefully studied the reports of explorations and tests of subsurface conditions at or adjacent to the Site and the drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, with respect to the Technical Data in such reports and drawings.
5. Bidder has carefully studied the reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, with respect to Technical Data in such reports and drawings.
6. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Technical Data identified in the Supplementary Conditions or by definition, with respect to the effect of such information, observations, and Technical Data on (a) the cost, progress, and performance of the Work; (b) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, if selected as Contractor; and (c) Bidder's (Contractor's) safety precautions and programs.
7. Based on the information and observations referred to in the preceding paragraph, Bidder agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.
8. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
9. Bidder has given Engineer or Landscape Architect written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and of discrepancies between Site conditions and the Contract Documents, and the written resolution thereof by Engineer or Landscape Architect is acceptable to Contractor.
10. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.
11. The submission of this Bid constitutes an incontrovertible representation by Bidder that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

6.02 *Bidder's Certifications*

A. The Bidder certifies the following:

1. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation.

2. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid.
3. Bidder has not solicited or induced any individual or entity to refrain from bidding.
4. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 8.02.A:
 - a. Corrupt practice means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process.
 - b. Fraudulent practice means an intentional misrepresentation of facts made (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition.
 - c. Collusive practice means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels.
 - d. Coercive practice means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

BIDDER hereby submits this Bid as set forth above:

Bidder:

(typed or printed name of organization)

By:

(individual's signature)

Name:

(typed or printed)

Title:

(typed or printed)

Date:

(typed or printed)

If Bidder is a corporation, a partnership, or a joint venture, attach evidence of authority to sign.

Attest:

(individual's signature)

Name:

(typed or printed)

Title:

(typed or printed)

Date:

(typed or printed)

Address for giving notices:

Bidder's Contact:

Name:

(typed or printed)

Title:

(typed or printed)

Phone:

Email:

Address:

Bidder's Contractor License No.: (if applicable)

CASCADIA GEOSERVICES, INC.

190 6th Street
PO Box 1026
Port Orford, Oregon
97465 D. 541-332-0433
C.541-655-0021
Email: info@cascadiageoservices.com
www.cascadiagesoservices.com



TECHNICAL MEMORANDUM

Date: December 24, 2023

To: Mr. Will Dawson, Civil West Engineering Services, Inc.

From: Eric Oberbeck, RG, CEG

Subject: North Adams Street, Coquille, Oregon Geotechnical Boring Logs

CGS Project No: 23051

Cascadia Geological Services, Inc (CGS) is pleased to provide you with this Technical Memorandum which provides the results of our 4 geotechnical borings which were drilled by CGS in the North Adams Street ROW in Coquille, Oregon on December 1, 2023 (see figure 1, Site Map). The holes were drilled using a trailer-mounted drill rig and advanced using conventional, solid-stem auger drilling techniques. Standard Penetration Tests (SPT) of the soils were completed at various intervals through the subgrade. A 6-inch diameter core (Photo 1) was taken on each boring through the driving surface (see Photos 2 and 3). The holes were logged in the field by a member of our staff from our southern Oregon coast office. Detailed bore logs are included at the end of this Technical Memorandum. A summary of the borings is included here in Table 1.

Table 1 SUMMARY of BORINGS

Boring No (Total depth in Feet)	Location on North Adams Street	Asphalt Cement (inches)	Concrete (Inches)	Gravel Underlayment (inches)	Subgrade
B1 (8.5)	E side 35' S of E First St	11	7	12	Soft silty clay
B2 (5.5)	E side, 64' S of E Second St	5	7	6	Stiff silty clay
B3 (5.5)	W side, 95' S of E Third St.	7	7	0	Stiff Silt
B4 (5.5)	W side, 195' N of E Third St.	6	0	6	Very stiff Silt

We noted that the asphalt cement is underlain by a layer of cement in 3 of the 4 boring locations. The further note that the subgrade is very soft on the south end of North Adams Street. This is evident based on our bore logs and on the top layer of A/C being distressed (Photo 4). We interpret this as being due to the south end of North Adams Street having been built on the ancient Coquille River flood plain. The floodplain consists of very soft to soft fine grained cohesive sediment which are medium to high plasticity. The central and northern portion of the North Adams Street alignment is built on decomposed to severely weathered siltstone and sandstone bedrock. Here the underlying subgrade is stiffer.

LIMITATIONS

Cascadia Geoservices, Inc.'s (CGS) professional services are performed, findings obtained, and recommendations prepared in accordance with generally accepted principles and practices for engineering geologists. No other warranty, express or implied, is made. The Customer acknowledges and agrees that:

PROFESSIONAL QUALIFICATIONS

To review our professional qualifications, please visit our website at www.CascadiaGeoservices.com.




Sincerely,




Cascadia Geoservices, Inc.



Eric Oberbeck, RG/CEG
Expires June 1, 2024

Photos
Figure
Attachment 1: Bore Logs

		North Adams Street Coquille, Oregon 97423	Photographic Log
		Date: December 2023	Cascadia Geoservices, Inc. Project No: 23051
Photo No:	1		
Direction Photo is Taken: South			
Photo Description:			
A 6-inch diameter diamond core barrel was used to drill through the driving surface			
Photo No:	2		
Direction Photo is Taken: East			
Photo Description:			
Asphalt/concrete driving surface 0 to 1.5 feet Boring B-1			

		North Adams Street Coquille, Oregon 97423	Photographic Log
		Date: December 2023	
Photo No:	3		
Direction Photo is Taken:	North		
Photo Description:			
Asphalt/concrete driving surface 0 to 1.4 feet Boring B3			
Photo No:	4		
Direction Photo is Taken Looking:	South		
Photo Description:			
Note overlay on driving surface northbound lane between 1 st and 2 nd Street			



Prepared for Civil West Engineering Services, Inc.



Project: 23051

December 2023

Site Map

North Adams Street
Coquille, Oregon 97423

Figure
1

TABLE 1
FIELD CLASSIFICATIONS

SOILS

ATTACHMENT 1



SOIL DESCRIPTION FORMAT	
(1) consistency ,	(9) structure,
(2) color ,	(10) cementation,
(3) grain size,	(11) reaction to HCL,
(4) classification name [secondary PRIMARY additional] ;	(12) odor,
(5) moisture ,	(13) groundwater seepage,
(6) plasticity of fines,	(14) caving,
(7) angularity	(15) (unit name and/or origin) ,
(8) shape,	

Note: Bolded items are the minimum required elements for a soil description.

1. CONSISTENCY - COARSE-GRAINED				
TERM	SPT (140-LB. HAMMER) ¹	D & M SAMPLER (140- LB. HAMMER) ¹	DYNAMIC CONE ⁵ PENETROMETER ⁷ PENETRATION RATE SAMPLER (DCP) ^{4,5,6}	FIELD TEST (USING ½-INCH REBAR)
Very loose	0 – 4	0 – 11	0 – 2	Easily penetrated when pushed by hand
Loose	4 – 10	11 – 26	2 – 5	Easily penetrated several inches when pushed by hand
Medium dense	10 – 30	26 – 74	6 – 31	Easily to moderately penetrated when driven by 5 lb. hammer
Dense	30 – 50	74 – 120	32 – 42	Penetrated 1-foot with difficulty when driven by 5 lb. hammer
Very dense	>50	>120	>43	Penetrated only few inches when driven by 5 lb. hammer

1. CONSISTENCY - FINE-GRAINED						
TERM	SPT (140-LB. HAMMER) ¹	D & M SAMPLER (140-LB. HAMMER) ¹	DYNAMIC CONE ⁵ PENETROMETER PENETRATION RATE SAMPLER (DCP) ^{5,6}	POCKET PEN. ²	TORVANE ³	FIELD TEST
Very soft	<2	<3	<2	<0.25	<0.13	Easily penetrated several inches by fist
Soft	2 – 4	3 – 6	2 – 3	0.25 – 0.5	0.13 – 0.25	Easily penetrated several inches by thumb
Medium stiff	5 – 8	7 – 12	4 – 7	0.50 – 1.0	0.25 – 0.5	Can be penetrated several inches by thumb with moderate effort
Stiff	9 – 15	13 – 25	8 – 16	1.0 – 2.0	0.5 – 1.0	Readily indented by thumb but penetrated only with great effort
Very stiff	16 – 30	26 – 65	17 – 27	2.0 – 4.0	1.0 – 2.0	Readily indented by thumbnail
Hard	>30	>65	>28	>4.0	>2.0	Difficult to indent by thumbnail

¹ Standard penetration resistance (SPT N-value); Dames and Moore (D & M) sampler, number of blows/ft. for last 12" and 30" drop. Unconfined

² compressive strength with pocket penetrometer; in tons per square foot (tsf).

³ Undrained shear strength with torvane (tsf).

⁴ Up to maximum medium-size sand grains only.

⁵ Dynamic cone penetration resistance; number of blows/inch.

⁶ Reference: George F. Sowers et. al. "Dynamic Cone for Shallow In-Situ Penetration Testing of In-Situ Soils, ASTM STP 399, ASTM, , pg. 29. 1966.

2. COLOR

Use common colors. For combinations use hyphens. To describe tint use modifiers: pale, light, and dark. For color variations use adjectives such as "mottled" or "streaked". Soil color charts may be required by client. **Examples:** red-brown; or orange-mottled pale green; or dark brown.

3. GRAIN SIZE

DESCRIPTION		SIEVE*	OBSERVED SIZE
boulders		–	>12"
cobbles		–	3" – 12"
gravel	coarse	¾" – 3"	¾" – 3"
	fine	#4 – ¾"	4.75 mm (0.19") – ¾"
sand	coarse	#10 – #4	2.0 – 4.75 mm
	medium	#40 – #10	0.425 – 2.0 mm
	fine	#200 – #40	0.075 – 0.425 mm
fines		<#200	<0.075 mm

4. CLASSIFICATION NAME

* Use of #200 field sieve encouraged for estimating percentage of fines.

NAME AND MODIFIER TERMS		CONSTITUENT PERCENTAGE	CONSTITUENT TYPE
Coarse grained	GRAVEL, SAND, COBBLES, BOULDERS	>50%	PRIMARY
	sandy, gravelly, cobbly, bouldery	30 – 50%	secondary
	silty, clayey*	15 – 50%	
	with (gravel, sand, cobbles, boulders)	15 – 30%	additional
	with (silt, clay)*	5 – 15%	
	trace (gravel, sand, cobbles, boulders)	<5%	
Fine grained	CLAY, SILT*	>50%	PRIMARY
	silty, clayey*	30 – 50%	secondary
	sandy, gravelly	15 – 30%	
	with (sand, gravel, cobbles, boulders)	5 – 15%	additional
	with (silt, clay)*		
	trace (sand, gravel, cobbles, boulders)		
Organic	PEAT	50 – 100%	PRIMARY
	organic (soil name)	15 – 50%	secondary
	(soil name) with some organics	5 – 15%	additional





* For classification and naming fine-grained soil: dry strength, dilatancy, toughness, and plasticity testing are performed (see Describing Fine-Grained Soil page 2). Confirmation requires laboratory testing (Atterberg limits and hydrometer).

TABLE 1
FIELD CLASSIFICATIONS

SOILS

5. MOISTURE	
TERM	FIELD TEST
dry	absence of moisture, dusty, dry to touch
moist	contains some moisture
wet	visible free water, usually saturated

6. PLASTICITY OF FINES
See "Describing fine-grained Soil" on Page 2.

7. ANGULARITY
 rounded  Angular  subrounded  Subangular

8. Shape	
TERM	OBSERVATION
flat	particles with width/thickness ratio >3
elongated	particles with length/width ratio >3
flat and elongated	particles meet criteria for both flat and elongated

9. STRUCTURE	
TERM	OBSERVATION
stratified	alternating layers >1 cm thick, describe variation
laminated	alternating layers <1 cm thick, describe variation
fissured	contains shears and partings along planes of weakness
slickensides	partings appear glossy or striated
blocky	breaks into lumps, crumbly
lensed	contains pockets of different soils, describe variation
homogenous	same color and appearance throughout

10. CEMENTATION	
TERM	FIELD TEST
weak	breaks under light finger pressure
moderate	breaks under hard finger pressure
strong	will not break with finger pressure

11. REACTION TO HCL	
TERM	FIELD TEST
none	no visible reaction
weak	bubbles form slowly
strong	vigorous reaction

12. ODOR
Describe odor as organic; or potential non-organic* *Needs further investigation

13. GROUNDWATER SEEPAGE
Describe occurrence (i.e. from soil horizon, fissures with depths) and rate: slow (<1 gpm); moderate (1-3 gpm); fast (>3 gpm)

14. CAVING
Describe occurrence (depths, soils) and amount with term
Test Pits minor (<1 ft ³) moderate (1-3 ft ³) Severe (>3 ft ³)

15. (UNIT NAME/ORIGIN)
Name of stratigraphic unit (e.g. Willamette Silt), and/or origin of deposit (Topsoil, Alluvium, Colluvium, Decomposed Basalt, Loess, Fill, etc.).

DESCRIBING FINE-GRAINED SOIL				
FIELD TEST				
NAME	PLASTICITY (A BELOW)	DRY STRENGTH (B BELOW)	DILATANCY REACTION (C BELOW)	TOUGHNESS OF THREAD (D BELOW)
SILT	non-plastic, low	none, low	rapid	low
SILT with some clay	low	low, medium	rapid, slow	low, medium
clayey SILT	low, medium	medium	slow	medium
silty CLAY	medium	medium, high	slow, none	medium, high
CLAY with some silt	high	High	none	high
CLAY	high	very high	none	high
organic SILT	non-plastic, low	low, medium	slow	low, medium
organic CLAY	medium, high	medium to very high	none	medium, high
A. PLASTICITY				
TERM	OBSERVATION			
non-plastic	A 1/8" (3-mm) thread cannot be rolled at any water content.			
low	The thread can barely be rolled and the lump cannot be formed when drier than the plastic limit.			
medium	The thread is easy to roll and not much time is required to reach the plastic limit. The thread cannot be re-rolled after reaching the plastic limit. The lump crumbles when drier than the plastic limit.			
high	It takes considerable time rolling and kneading to reach the plastic limit. The thread can be re-rolled several times after reaching the plastic limit. The lump can be formed without crumbling when drier than the plastic limit.			
B. DRY STRENGTH				
TERM	OBSERVATION			
none	Dry specimen crumbles into powder with mere pressure of handling.			
low	Dry specimen crumbles into powder with some finger pressure.			
medium	Dry specimen breaks into pieces or crumbles with considerable finger pressure.			
high	Dry specimen cannot be broken with finger pressure. Will break into pieces between thumb and a hard surface.			
very high	Dry specimen cannot be broken between thumb and a hard surface.			
C. DILATANCY REACTION				
TERM	OBSERVATION			
none	No visible change in the specimen.			
slow	Water appears slowly on surface of specimen during shaking and doesn't disappear or disappears slowly upon squeezing.			
rapid	Water appears quickly on the surface of the specimen during shaking and disappears quickly upon squeezing.			
D. TOUGHNESS OF THREAD				
TERM	OBSERVATION			
low	Only slight hand pressure is required to roll the thread near the plastic limit. The thread and lump are weak and soft.			
medium	Medium pressure is required to roll the thread to near the plastic limit. The thread and lump have medium stiffness.			
high	Considerable hand pressure is required to roll the thread to near the plastic limit. The thread and lump have very high stiffness.			

TABLE 1
FIELD CLASSIFICATIONS

ROCKS

ATTACHMENT 1

Rock Descriptions				
Scale of Rock Strength				
Description	Designation	Unconfined Compressive Strength, psi	Unconfined Compressive Strength, MPa	Field Identification
Extremely weak rock	R0	35 – 150	0.25 – 1	Indented by thumbnail.
Very weak rock	R1	150 – 725	1 – 5	Crumbles under firm blows with point of geology pick; can be peeled by a pocket knife.
Weak rock	R2	725 – 3,500	5 – 25	Can be peeled with a pocket knife; shallow indentation made by firm blow with point of geological hammer.
Medium weak rock	R3	3,500 – 7,000	25 – 50	Cannot be scraped or peeled with a pocket knife; specimen can be fractured with a single firm blow of geological hammer.
Strong rock	R4	7,000 – 15,000	50 – 100	Specimen requires more than one blow with a geological hammer to fracture it.
Very strong rock	R5	15,000 – 36,000	100 – 250	Specimen requires many blows of geological hammer to fracture it.
Extremely strong rock	R6	> 36,000	> 250	Specimen can only be chipped with geological hammer.
Descriptive Terminology for Joint Spacing or Bedding				
Descriptive Term		Spacing of Joints		
Very close		Less than 2 inches	< 50 mm	
Close		2 inches - 1 foot	50 mm – 300 mm	
Moderately close		1 foot - 3 feet	300 mm – 1 m	
Wide		3 feet -10 feet	1 m – 3 m	
Very wide		Greater than 10 feet	> 3 m	
Descriptive Terminology for Vesicularity				
Descriptive Term		Percent voids by volume		
Dense		< 1%		
Slightly vesicular		1 – 10%		
Moderately vesicular		10 – 30%		
Highly vesicular		30 – 50%		
Scoriaceous		> 50%		
Correlation of RQD and Rock Quality				
Rock Quality Descriptor		RQD Value		
Very poor		0 – 25		
Poor		25 - 50		
Fair		50 - 75		
Good		75 – 90		

TABLE 1
FIELD CLASSIFICATIONS

ROCKS

Scale of Rock Weathering		
Stage	Description	Quality Distinction
Fresh	Rock is fresh, crystals are bright, few joints may show slight staining as a result of ground water.	No discoloration
Very Slight	Rock is generally fresh, joints are stained, some joints may have thin clay coatings, crystals in broken face show bright.	Discoloration only on major discontinuity surfaces ¹
Slight	Rock is generally fresh, joints are stained and discoloration extends into rock up to 1 in. Joints may contain clay. In granitoid rocks some feldspar crystals are dull and discolored. Rocks ring under hammer if crystalline.	Discoloration on all discontinuity surfaces and on rock
Moderate	Significant portions of rock show discoloration and weathering effects. In granitoid rocks, most feldspars are dull and discolored; some are clayey. Rock has dull sound under hammer and shows significant loss of strength as compared with fresh rock.	Decomposition and/or disintegration < 50% of rock ²
Moderately Severe	All rock, except quartz discolored or stained. In granitoid rocks, all feldspars dull and discolored and majority show kaolinization. Rock shows severe loss of strength and can be excavated with geologist's pick. Rock goes "clunk" when struck.	Decomposition and/or disintegration > 50%, but not complete
Severe	All rock, except quartz, discolored or stained. Rock "fabric" is clear and evident, but reduced in strength to strong soil. In granitoid rocks, all feldspars kaolinized to some extent. Some fragments of harder rock usually left, such as corestones in basalt.	
Very Severe	All rock, except quartz, discolored or stained. Rock "fabric" is discernible, but mass effectively reduced to "soil" with only fragments of harder rock remaining.	Decomposition and/or disintegration 100% with structure/fabric intact
Complete	Rock is reduced to "soil". Rock "fabric" is not discernible, or only in small scattered locations. Quartz may be present as dikes or stringers.	Decomposition and/or disintegration 100% with structure/fabric destroyed
NOTES: ¹ Discontinuities consist of any natural break (joint, fracture or fault) or plane of weakness (shear or gouge zone, bedding plane) in a rock mass ² Decomposition refers to chemical alteration of mineral grains; disintegration refers to mechanical breakdown ³ Stage and description from ASCE Manual No. 56 (1976), quality distinction from Murray (1981)		

Rock strength scale taken from Duncan C. Wyllie, "Foundations on Rock, Second Edition, 1999".

TABLE 2

KEY TO TEST PIT AND BORING LOG SYMBOLS



SAMPLE NUMBER ACRONYMS/WATER SYMBOLS

DM - Dames & Moore Sampler
 GR - Grab or Bulk Samples
 OS - Osterberg (Piston) Sampler
 C - Rock Core
 SA - Screen Air Sampling
 SW - Screen Water Sampling
 SS - SPT Standard Penetration Drive Sampler (ASTM D1586)
 ST - Shelby Tube Push Sampler (ASTM D1587)

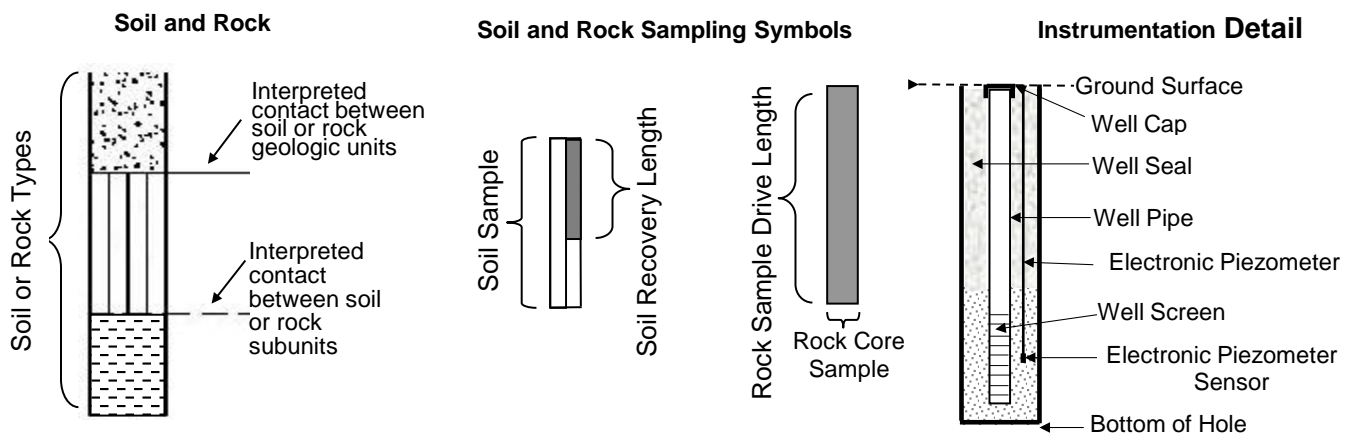
Water Level
During Drilling/
Excavation



Water Level
on Date
Measured



LOG GRAPHICS/INSTALLATIONS
























GEOTECHNICAL FIELD & LABORATORY TESTING/ACRONYM EXPLANATIONS

ATT	Atterberg Limits	OC	Organic Content
AMSL	Above Mean Sea Level	OD	Outside Diameter
BGS	Below ground surface	P200	Percent Passing U.S. Standard No. 200 Sieve
CBR	California Bearing Ratio	PI	Plasticity Index
CON	Consolidation	PL	Plasticity Limit
DCP	Dynamic Cone Penetrometer	PP	Pocket Penetrometer
DD	Dry Density	RES	Resilient Modulus
DS	Direct Shear	SC	Sand Cone
GPS	Global Positioning System	SIEV	Sieve Gradation
HCL	Hydrochloric Acid	SP	Static Penetrometer
HYD	Hydrometer Gradation	TOR	Torvane
kPa	kiloPascal	UC	Unconfined Compressive Strength
LL	Liquid Limit	VS	Vane Shear

ENVIRONMENTAL TESTING/ACRONYM EXPLANATIONS

ATD	At Time of Drilling	ND	Not Detected
BGS	Below ground surface	NS	No Sheen
CA	Sample Submitted for Chemical Analysis	PID	Photoionization Detector Headspace Analysis
HS	High Sheen	PPM	Parts Per Million
MS	Moderate Sheen		

BORINGS B-1, B-2		NORTH ADAMS STREET COQUILLE, OREGON 97423		Cascadia Geoservices, Inc. 190 6th Street Port Orford, OR 97465 D. 541-332-0433 C. 541-655-0021			
CASCADIA GEOSERVICES PROJECT NO: 23051							
DEPTH IN FEET	GRAPHIC LOG	MATERIAL DESCRIPTION	DEPTH	TESTING SAMPLE/ SAMPLE ID	▲ BLOW COUNT ◆ DYNAMIC CONE PENETROMETER ● MOISTURE CONTENT % RQD% CORE REC%	COMMENTS	
B-1 SURFACE CONDITIONS: Asphalt Cement							
0.0		ASPHALT CEMENT	0.0			0	0 to 11 inches
1.0		CONCRETE	1.0				11 to 18 inches
2.0		Loose, black, silty SAND with some fine gravel; moist (ROAD BASE FILL)	1.5				
3.0		Medium stiff, gray-green, silty CLAY with trace coarse sand; moist, medium to high plasticity, medium toughness of thread (ALLUVIUM)	2.5	SS-1		6	
4.0		becomes soft, gray, silty CLAY with trace coarse sand; moist, medium to high plasticity, medium toughness of thread	3.5	SS-2		2	
5.0			4.5				
6.0			5.5				
7.0			6.5				
8.0			7.5	SS-3		4	
9.0		Final depth 8.5 feet bgs; boring backfilled with bentonite	8.5				No groundwater observed to the depth explored
Location: Lat: 43.174684 Long: -124.187994, E side of N Adams St (See Figure 2)				Date Completed: 12/1/2023			
B-2 SURFACE CONDITIONS: Asphalt Cement							
0.0		ASPHALT CEMENT	0.0			0	0 to 5 inches
1.0		CONCRETE	0.4				5 to 12 inches
2.0		GRAVEL, 3/4-inch-minus (ROAD BASE FILL)	1.0				
3.0		Stiff, tan-brown, silty CLAY with trace to some fine sand; moist, medium plasticity, medium toughness of thread (ALLUVIUM)	1.5	SS-5		11	
4.0		Very stiff, silty CLAY; moist (decomposed siltstone bedrock)	4.0				
5.0		Final depth 5.5 feet bgs; boring backfilled with bentonite	5.5	SS-6		22	No groundwater observed to the depth explored
6.0							
7.0							
8.0							
9.0							
Location: Lat: 43.175630 Long: -124.188022, E side of N Adams St 64' S of E Second St (See Figure 2)				Date Completed: 12/1/2023			
EXCAVATION METHOD: Auger EXCAVATED BY: Dan J. Fischer Excavating, Inc. LOGGED BY: E. Oberbeck							

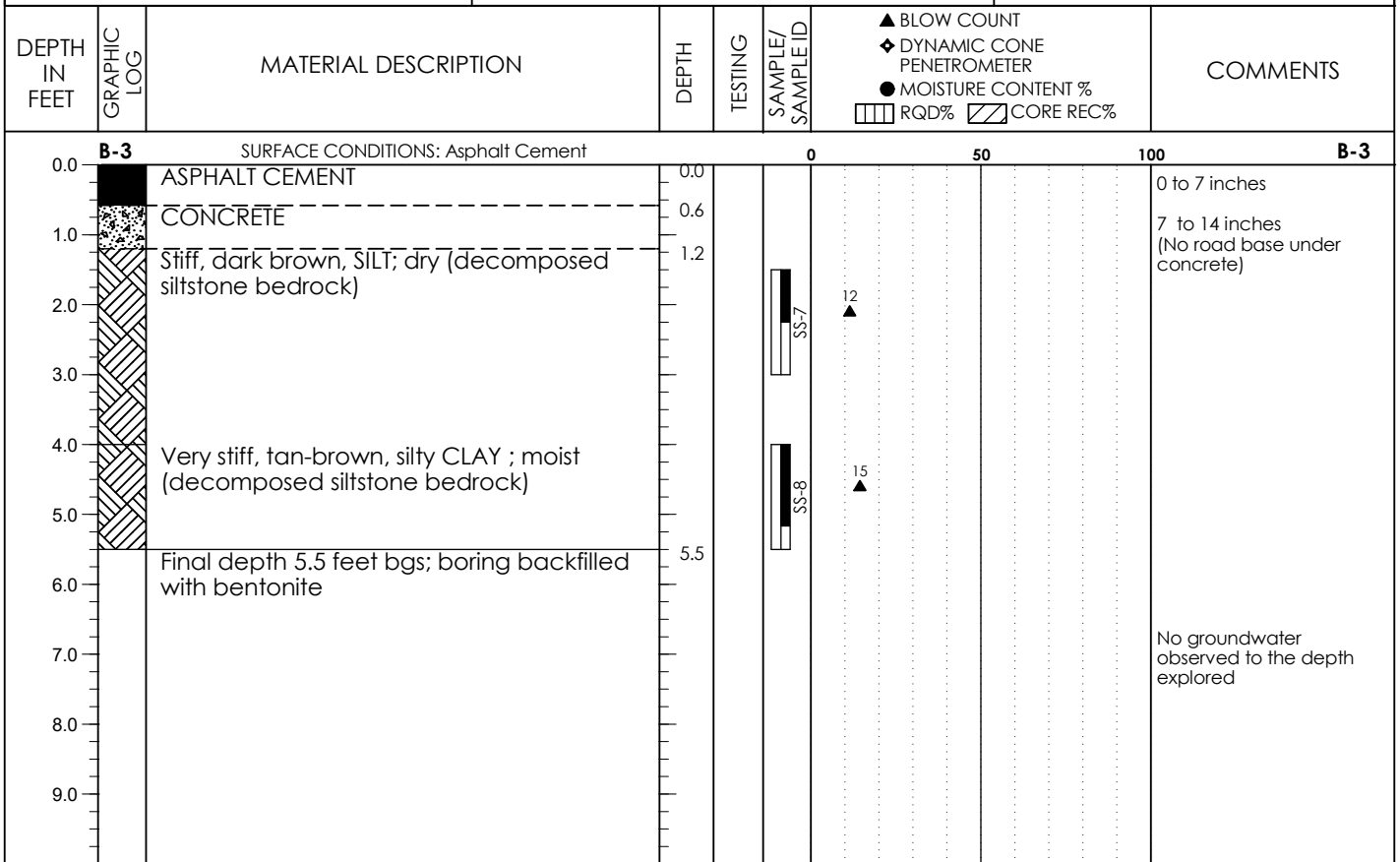
BORINGS B-3, B-4

NORTH ADAMS STREET
COQUILLE, OREGON 97423

Cascadia Geoservices, Inc.
190 6th Street
Port Orford, OR 97465
D. 541-332-0433
C. 541-655-0021

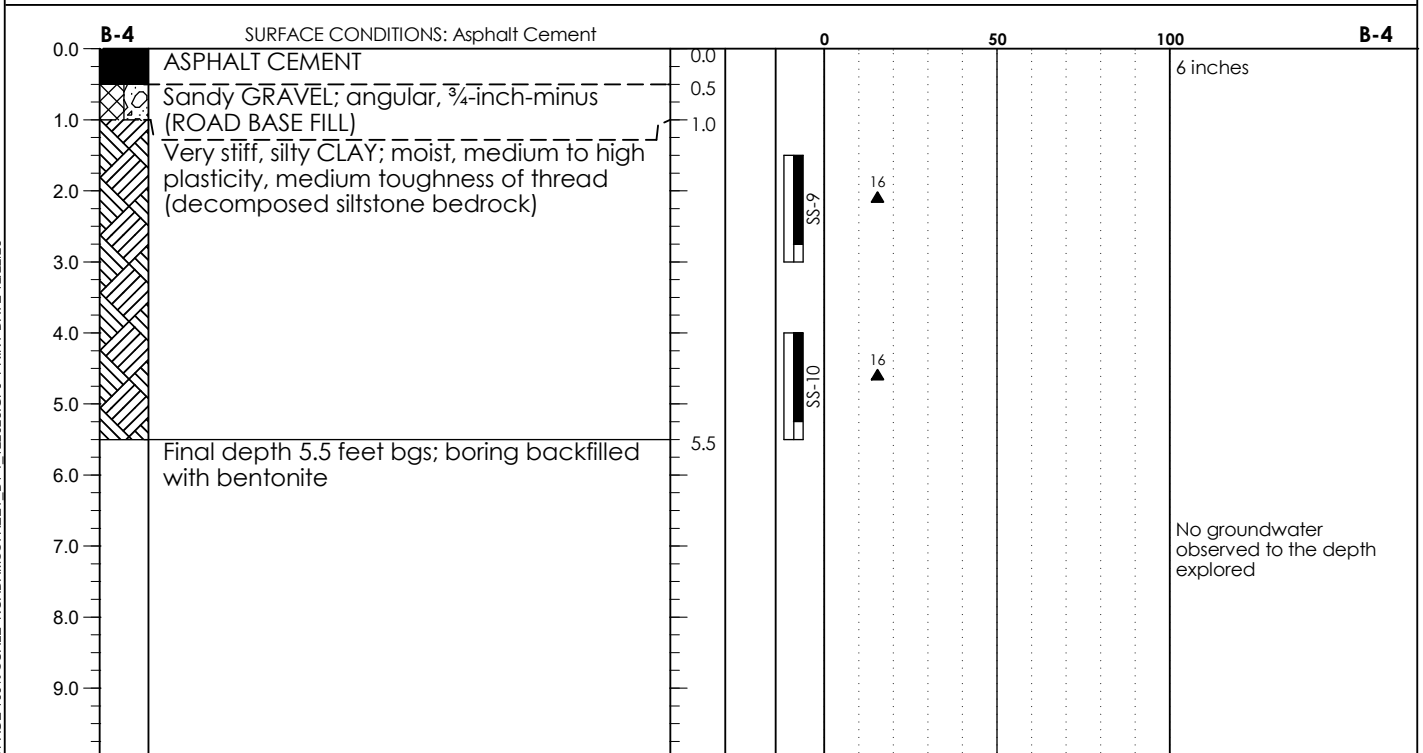


CASCADIA GEOSERVICES
PROJECT NO: 23051



Location: Lat: 43.176595 Long: -124.187956, W side of N. Adams St 95' S of E Third St. (See Figure 2)

Date Completed: 12/1/2023



Location: Lat: 43.177662 Long: -124.187857 (See Figure 2)

Date Completed: 12/1/2023

EXCAVATION METHOD: Auger
EXCAVATED BY: Dan J. Fischer Excavating, Inc.

LOGGED BY: E. Oberbeck

**SECTION 01025 – II
MEASUREMENT AND PAYMENT II**

PART 1 GENERAL

1. RELATED REQUIREMENTS
 - A. Document 00410 – Bid Form
 - B. Document 00700 – General Conditions: Payments to Contractor
 - C. Document 00800 – Supplementary General Conditions: Payments to Contractor
2. SUMMARY
 - A. Measurement and payment for bid items listed on the Bid Form shall be paid as described in the following section.
3. BID ITEMS
 1. Mobilization – Bonds & Insurance
 - a. Payment for this, and all items, shall be included within the total lump sum price as shown on the bid form. Progress payments will be made based on the progress complete percentage of the schedule of values, as approved by the Engineer.
 2. Construction Facilities & Temporary Controls
 - a. Payment for this, as described within the Project Plans and Specifications, shall be included within the total lump sum price as shown on the bid form. Progress payments will be made based on the progress complete percentage of the schedule of values, as approved by the Engineer.
 3. Demolition & Site Preparation
 - a. Payment for Demolition and Site Prep shall be included within the total lump sum price for the amount as stated on the Bid Form. Payment shall include compensation for all Demolition and Site Preparation shown on the Project Plans and described in the Specifications. No additional payment shall be made.
 4. Construction Staking
 - a. Payment for Construction Staking shall be made on a lump sum basis and shall include all staking that the Contractor determines is necessary to complete the work as shown and described in the Plans and Specifications and in accordance with Section 01500.
 5. Traffic & Pedestrian Control
 - a. Measurement and Payment for Traffic and Pedestrian Control shall be paid on a lump sum basis as stated on the bid form. This includes compensation for all equipment, labor, and materials required to provide continuous traffic and pedestrian control during the site improvements as shown on the Plans. All work shall conform to the standards of the current MUTCD.

6. Foundation Stabilization

- a. Payment for Foundation Stabilization shall be made on a cubic yard basis at the amount stated on the Bid Form. Payment shall include compensation for materials, hauling, placing, compacting, testing, and all other incidental work as required for a complete installation. Payment shall be paid for a cubic yardage in place basis as determined by the Engineer.

7. Asphalt Concrete Pavement – Level 3

- a. Payment for Asphalt Concrete Pavement-Level 3 shall be paid for at the per ton amount as stated on the Bid form. Payment shall include compensation for all work necessary to prepare, lay, compact and otherwise fully complete the new asphalt concrete pavement surface. There will be no separate measurement of bituminous cements or additives contained in the mixture or used otherwise in the work. Payment will be made only for material incorporated into the specified limits. Estimation accounts for 6" depth in trench patches.
- b. The cost for sawcutting existing pavement or concrete adjacent to new improvements shall be considered incidental to the work. No additional compensation will be allowed for this item.

8. Standard Curb & Gutter/Vertical Curb

- a. Measurement and Payment for Standard Curb and Gutter/Vertical Curb shall be paid per lineal foot for the amount as stated on the Bid Form. Measurement shall be taken at the face of the curb at flow line; curb and gutter or vertical curb within the area of pedestrian ramps or driveway aprons will be paid for under the square footage of that line item. Payment shall include but is not limited to compensation for material cost and placement of aggregate base material, formwork, material cost and placement of concrete, expansion joints, finishing, curing, backfilling, testing, and all other items necessary for a complete installation of Standard Curb and Gutter/Vertical Curb.

9. Standard Concrete Sidewalk Repair W/ AB

- a. Payment for Standard Concrete Sidewalk W/ Aggregate Base shall be on a square foot basis for the amount as stated on the Bid Form. Measurement shall be from back of curb to back of walk for the total lineal footage of the sidewalk. Sidewalk along the back of pedestrian ramps or driveway aprons shall be paid for under the square footage of that line item. Payment shall include compensation for all labor and materials necessary for the excavation, preparation and placement of aggregate base materials pertaining to sidewalks, all necessary formwork, backfilling, placement of concrete, expansion joints, finishing, curing, sealant, and all else required for complete construction of new sidewalks.

10. Concrete Driveway/Pedestrian Ramp Repair W/ AB

- a. Payment for Concrete Driveway/Pedestrian Ramp Repair W/ Aggregate Base shall be on a square foot basis for the amount as stated on the Bid

Form for each type regardless of thickness. Measurement shall be from lip of gutter to back of sidewalk for the width of the repair section. Payment shall include compensation for all labor and materials necessary for the excavation, preparation and placement of aggregate base materials pertaining to driveways, all necessary formwork, backfilling, placement of concrete, expansion joints, finishing, curing, sealant, and all else required for complete placement of new concrete.

- b. This project does not intend to replace any ADA ramps to current requirements. This Bid Item is intended for minor repair to ramps in the event that improvements require a small amount of demolition, or if inadvertent damage occurs. Full ADA improvements will be constructed as part of Phase II of this project.

11. Striping Repair

- a. Payment for Striping Repair shall be made on a lump sum basis for the amount as stated on the Bid Form. Payment will include all materials, labor and equipment required for layout and application of durable pavement striping as described in Section 02760 and as shown on the Plans to restore the site to original condition. No separate payment shall be made.

12. Site Restoration

- a. Payment for Site Restoration will be made on a lump sum basis as stated on the Bid Form, and shall include topsoil, seed, bark, mulch, landscape shrubs/trees, gravel shoulder, site cleanup and all other materials and work required to complete the work to replace landscaping and the greater worksite to a level which is equal to that prior to construction in the opinion of the Engineer.

13. 18" PVC SD Piping

- a. Payment for 18" PVC Storm Drain Piping shall be made on a lineal foot basis for the amount as stated on the Bid Form. Measurement and Payment for this item shall be based on the horizontal length and shall be measured from the outside edge of structures where applicable. Payment shall include backfill up to the finished surface, and that the surface be maintained until paving takes place. If paving cannot take place immediately, contractor shall be responsible for more durable surfacing such as cold patch pavement or temporary paving.
- b. Payment for fittings and appurtenances installed on the storm drain, including but not limited to Tees, Elbows, Couplings, Reducers, Adapters and Sleeves shall be included within the lineal foot cost for Storm Drain Piping. No separate or additional payment will be made for nuts, bolts, washers and other fitting related hardware or supplies. Payment for fittings shall include compensation for connection to existing storm drain lines.
- c. Payment for connecting new storm drain piping to new storm drain manholes and/or catch basins shall be included within the unit price for each manhole and catch basin and all associated appurtenance items. Price shall include compensation for all materials, equipment and labor

for a complete water-tight connection including, but not limited to; coring or jack hammering, flexible rubber boot or water stop ring, grout, transition coupling and appurtenances for a complete installation and connection.

14. 48" SD Manhole

- a. Payment for 48" SD Manhole and Appurtenances at all depths and types shall be made on a unit price basis per each at the stated price on the Bid Form. Payment will include all materials and labor required for complete installation, including excavation and backfill around manholes, all precast components, grouting and shaping of base channels, pipe adapters, testing, temporary hard surfacing, and all else related to this item not paid under other sections and as required for a complete installation.

15. G2 Catch Basin

- a. Payment for G2 Catch Basin shall be on a unit price basis per each as stated on the Bid Form. Payment shall include precast catch basin, top, frame and grate(s), cast-in-place concrete, reinforcing steel, aggregate base, excavation and backfill and all other related work for a complete installation and connection of storm drain piping as shown on the Project Plans
- b. Minor revisions to new catch basins may be required to allow for adjustment and installation of new storm drain pipes. The Contractor shall not be entitled to any additional compensation for revising precast catch basins.

16. 8" PVC SS Piping

- a. Payment for Sanitary Sewer Piping shall be made on a lineal foot basis for the amount as stated on the Bid Form for each size, type and backfill class. Measurement and Payment for this item shall be based on the horizontal length and shall be measured from the outside edge of structures where applicable. Payment shall include all testing and requirements as outlined in the Plans and Specifications. Payment shall include backfill up to the finished surface, and that the surface be maintained until paving takes place. If paving cannot take place immediately, contractor shall be responsible for more durable surfacing such as cold patch pavement or temporary paving.

17. 12" PVC SS Piping

- a. Payment for Sanitary Sewer Piping shall be made on a lineal foot basis for the amount as stated on the Bid Form for each size, type and backfill class. Measurement and Payment for this item shall be based on the horizontal length and shall be measured from the outside edge of structures where applicable. Payment shall include all testing and requirements as outlined in the Plans and Specifications. Payment shall include backfill up to the finished surface, and that the surface be maintained until paving takes place. If paving cannot take place immediately, contractor shall be responsible for more durable surfacing such as cold patch pavement or temporary paving.

18. Bypass pumping
- a. Payment for Bypass Pumping shall be made on a lump sum basis for the amount stated on the Bid Form and shall include all labor, equipment, and materials to adequately control stormwater, groundwater, or sewer during the installation of improvements in accordance with all applicable laws and requirements and to allow for a complete installation of the improvements as shown in the Plans and Specifications.
19. Sanitary Sewer Lateral Connection, Complete, 4 or 6"
- a. Payment for Sanitary Sewer Lateral Connection, Complete shall be made on a per each basis for the amount shown on the Bid Form and shall include all labor and materials required to make a connection to the sewer main, regardless of connection type or material. Payment shall include all required for a complete installation as shown on the Plans.
20. Sanitary Sewer Lateral Cleanout – 4"
- a. Payment for Sanitary Sewer Lateral Cleanout, Complete shall be made on a per each basis for the amount shown on the Bid Form and shall include all labor and materials required to install a sanitary sewer cleanout with all provisions shown on the Plans and as described in the Specifications.
21. Sanitary Sewer Lateral Cleanout – 6"
- a. Payment for Sanitary Sewer Lateral Cleanout, Complete shall be made on a per each basis for the amount shown on the Bid Form and shall include all labor and materials required to install a sanitary sewer cleanout with all provisions shown on the Plans and as described in the Specifications.
22. Sanitary Sewer Lateral Service, Complete, 4"
- a. Payment for Sanitary Sewer Lateral Service, Complete shall be made on a lineal foot basis for the amount shown on the Bid Form, and shall include all labor and materials required including fittings, piping, bedding, backfill, compaction, testing, and all else required for a complete installation.
23. Sanitary Sewer Lateral Service, Complete, 6"
- a. Payment for Sanitary Sewer Lateral Service, Complete shall be made on a lineal foot basis for the amount shown on the Bid Form, and shall include all labor and materials required including fittings, piping, bedding, backfill, compaction, testing, and all else required for a complete installation.
24. 48" SS Manhole
- a. Payment for 48" SS Manhole and Appurtenances at all depths and types shall be made on a unit price basis per each at the stated price on the Bid Form. Payment will include all materials and labor required for complete installation, including excavation and backfill around manholes, all precast components, grouting and shaping of base channels, pipe

adapters, testing, temporary hard surfacing, and all else related to this item not paid under other sections and as required for a complete installation.

25. 10" C900 Waterline Piping, Class B Backfill, All Fittings, Elbows, Tees, Transitions, Testing, Complete
- a. Payment for 10" C900 Waterline Piping shall be made on a lineal foot basis for the amount stated on the Bid Form. Payment shall include compensation for excavation, all equipment, backfill up to finish grade as well as maintenance, pipe zone material, compaction, toning wire, flushing, testing, disinfection, and all else required for a complete installation.
 - b. All fittings shown such as tees, elbows, transition couplings, reducing couplers, and similar shall be included within a portion of the amount for the 10" C900 Waterline Piping line item. A separate payment shall not be made.
26. 2" Gate Valve
- a. Measurement and payment for 2" Gate Valve will be made on a unit price basis for each size and type of valve specified and installed, for the unit price stated on the Bid Form. Payment for valves will include valve box, restraint glands, and installation complete. No separate or additional payment will be made for nuts, bolts, washers, valve boxes, stem extensions, concrete blocking or other valve related hardware or supplies.
27. 10" Gate Valve
- a. Measurement and payment for 10" Gate Valve will be made on a unit price basis for each size and type of valve specified and installed, for the unit price stated on the Bid Form. Payment for valves will include valve box, restraint glands, and installation complete. No separate or additional payment will be made for nuts, bolts, washers, valve boxes, stem extensions, concrete blocking or other valve related hardware or supplies.
28. New HDPE Water Service, Connection, Complete to Existing Angle Stop or as Otherwise Shown, 1"
- a. Measurement and payment for the above shall be made on a unit price basis for each service, as stated on the Bid Form. Payment for new services shall include compensation for placement of meter box, compensation for the service saddle, corporation stop and angle meter valve (where indicated), as well as for service lateral piping for each size and type of lateral. The unit price shall also include compensation for all associated trench excavation, horizontal directional drilling, pipe bedding, pipe, pipe fittings, backfill, connection to corporation and meter stop valves at each end of the new lateral, and all other work required for a complete installation as shown in the plans and specified herein.
29. New HDPE Water Service, Connection, Complete to Existing Angle Stop or as Otherwise Shown, 2"

- a. Measurement and payment for the above shall be made on a unit price basis for each service, as stated on the Bid Form. Payment for new services shall include compensation for placement of meter box, compensation for the service saddle, corporation stop and angle meter valve (where indicated), as well as for service lateral piping for each size and type of lateral. The unit price shall also include compensation for all associated trench excavation, horizontal directional drilling, pipe bedding, pipe, pipe fittings, backfill, connection to corporation and meter stop valves at each end of the new lateral, and all other work required for a complete installation as shown in the plans and specified herein.
- 30. New 4" PVC Fire Service up to Existing Gate Valve.
 - a. Measurement and payment for the above shall be made on a unit price basis for each service, as stated on the Bid Form. Payment for new services shall include compensation for the tee, reducer, and 4" piping. The unit price shall also include compensation for all associated trench excavation, horizontal directional drilling, pipe bedding, pipe fittings, backfill, connection to gate valve, and all other work required for a complete installation as shown in the plans and specified herein.
- 31. 4" PVC Conduit, Class B Backfill, Complete, All Installation Methods
 - a. Payment for Conduit shall be made on a lineal foot basis for the amount as stated on the Bid Form. Measurement and Payment for this item shall be based on the horizontal length and shall be measured from the outside edge of structures where applicable. Payment shall include excavation, backfill, testing, and all else required for a complete installation and conforming to Pacific Power Specifications.
 - b. It is assumed that conduit in sidewalk and other concrete areas will be bored. In the event that the Contractor elects to perform installation in these areas via open trench, no separate payment shall be made for surface restoration and it shall be considered incidental to the line item.
- 32. 6" PVC Conduit, Class B Backfill, Complete, All Installation Methods
 - a. Payment for Conduit shall be made on a lineal foot basis for the amount as stated on the Bid Form. Measurement and Payment for this item shall be based on the horizontal length and shall be measured from the outside edge of structures where applicable. Payment shall include excavation, backfill, testing, and all else required for a complete installation and conforming to Pacific Power Specifications.
 - b. It is assumed that conduit in sidewalk and other concrete areas will be bored. In the event that the Contractor elects to perform installation in these areas via open trench, no separate payment shall be made for surface restoration and it shall be considered incidental to the line item.
- 33. Oldcastle 444 Vault w/ 6" AB, Installed, Complete
 - a. Payment for Vaults at all depths and types shall be made on a unit price basis per each at the stated price on the Bid Form. Payment will include all materials and labor required for complete installation, including excavation and backfill around vaults, all precast components, grouting

and sealing, adapters, testing, temporary hard surfacing, and all else related to this item not paid under other sections and as required for a complete installation. Installation shall be completed to Pacific Power Specifications.

34. Oldcastle 575 Vault w/ 6" AB, Installed, Complete

- a. Payment for Vaults at all depths and types shall be made on a unit price basis per each at the stated price on the Bid Form. Payment will include all materials and labor required for complete installation, including excavation and backfill around vaults, all precast components, grouting and sealing, adapters, testing, temporary hard surfacing, and all else related to this item not paid under other sections and as required for a complete installation. Installation shall be completed to Pacific Power Specifications.

35. Oldcastle 644 Vault w/ 6" AB, Installed, Complete

- a. Payment for Vaults at all depths and types shall be made on a unit price basis per each at the stated price on the Bid Form. Payment will include all materials and labor required for complete installation, including excavation and backfill around vaults, all precast components, grouting and sealing, adapters, testing, temporary hard surfacing, and all else related to this item not paid under other sections and as required for a complete installation. Installation shall be completed to Pacific Power Specifications.

36. Service Upgrades per Cedar Electric Report

- a. Payment for Service Upgrades shall be paid on a lump sum basis for the amount stated on the Bid Form and shall include all work described in the report to bring services up to compliance with the proposed underground electrical improvements. This shall include the new services from junction boxes or vaults to the service user. Payment shall include all restoration required to buildings due to the service change.

37. Light Pole – VI-A7-G1-APM90-F/20', Dual Arm w/ Foundation, Complete

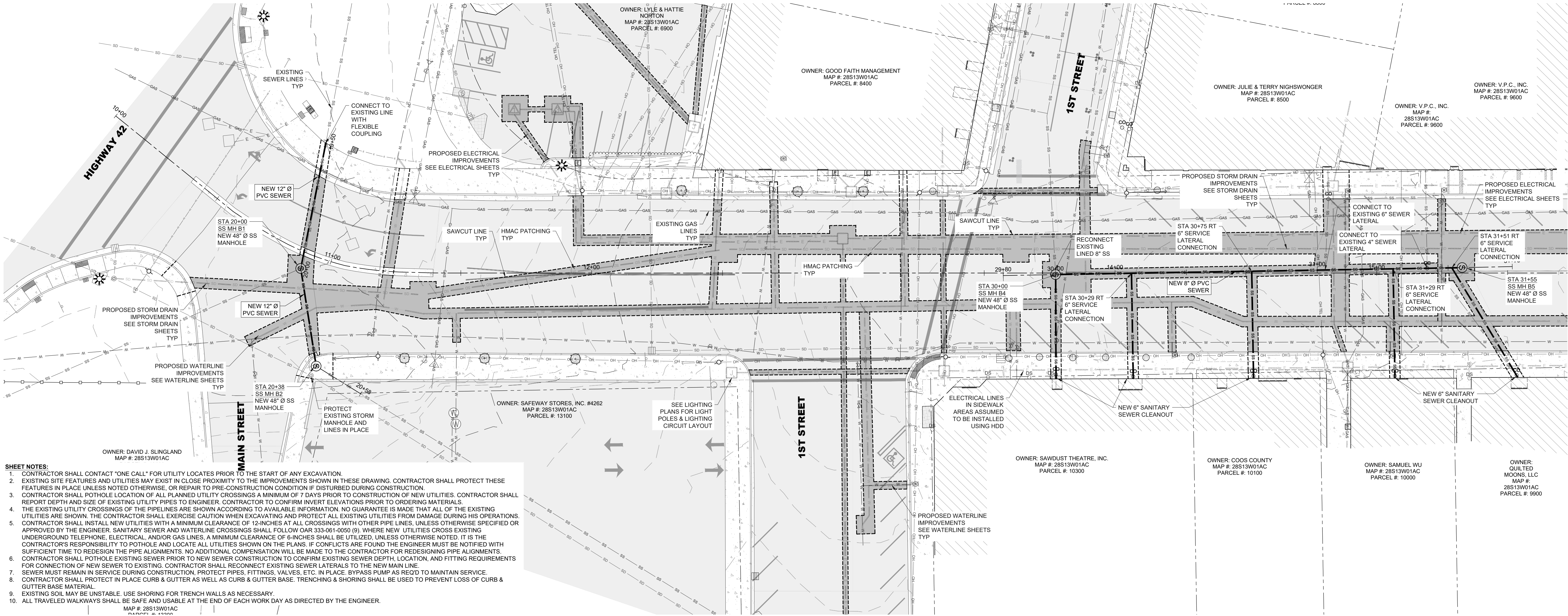
- a. Payment for Light Poles shall be made on a unit price basis per each at the stated price on the Bid Form. Payment will include all materials and labor required for complete installation, including excavation and backfill, foundation and reinforcement, anchor bolts, grouting and sealing, adapters, testing, temporary hard surfacing, and all else related to this item not paid under other sections and as required for a complete installation.

38. Light Pole – VI-A7-G1-F/20', Post Top w/ Foundation, Complete

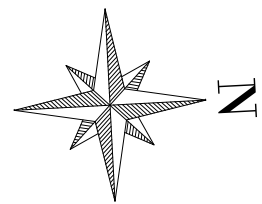
- a. Payment for Light Poles shall be made on a unit price basis per each at the stated price on the Bid Form. Payment will include all materials and labor required for complete installation, including excavation and backfill, foundation and reinforcement, anchor bolts, grouting and sealing, adapters, testing, temporary hard surfacing, and all else related to this item not paid under other sections and as required for a complete installation.

39. Post Top Acorn Light Fixture, 40W, 3000K
- a. Payment for Light Fixtures shall be made on a unit price basis per each at the stated price on the Bid Form. Payment will include all materials and labor required for complete installation as described in the project plans and specifications.
40. Top Mounted Acorn Light Fixture, 40W, 3000K
- a. Payment for Light Fixtures shall be made on a unit price basis per each at the stated price on the Bid Form. Payment will include all materials and labor required for complete installation as described in the project plans and specifications.
41. Junction Box Type-1 17"x10"x12"
- a. Payment for Junction Boxes shall be made on a unit price basis per each at the stated price on the Bid Form. Payment will include all materials and labor required for complete installation, including excavation and backfill, grouting and sealing, adapters, testing, temporary hard surfacing, and all else related to this item not paid under other sections and as required for a complete installation.
42. 1-1/2" PVC Conduit, Class B Backfill, Complete, All Installation Methods
- a. Payment for Conduit shall be made on a lineal foot basis for the amount as stated on the Bid Form. Measurement and Payment for this item shall be based on the horizontal length and shall be measured from the outside edge of structures where applicable. Payment shall include excavation, backfill, testing, and all else required for a complete installation and conforming to Pacific Power Specifications.
 - b. It is assumed that conduit in sidewalk and other concrete areas will be bored. In the event that the Contractor elects to perform installation in these areas via open trench, no separate payment shall be made for surface restoration and it shall be considered incidental to the line item.
43. Concrete Restoration for Electrical Improvements
- a. Payment Concrete Restoration for Electrical Improvements shall be on a square foot basis for the amount as stated on the Bid Form. Measurement shall be made on a square foot basis in the horizontal plane for all concrete work required to be replaced due to the installation of vaults, light poles, and all else not covered by other line items. Payment shall include compensation for all labor and materials including the excavation, preparation, procurement, and placement of aggregate base materials, all necessary formwork, backfilling, placement of concrete, expansion joints, finishing, curing, sealant, and all else required for complete restoration of concrete surfaces.

END OF SECTION

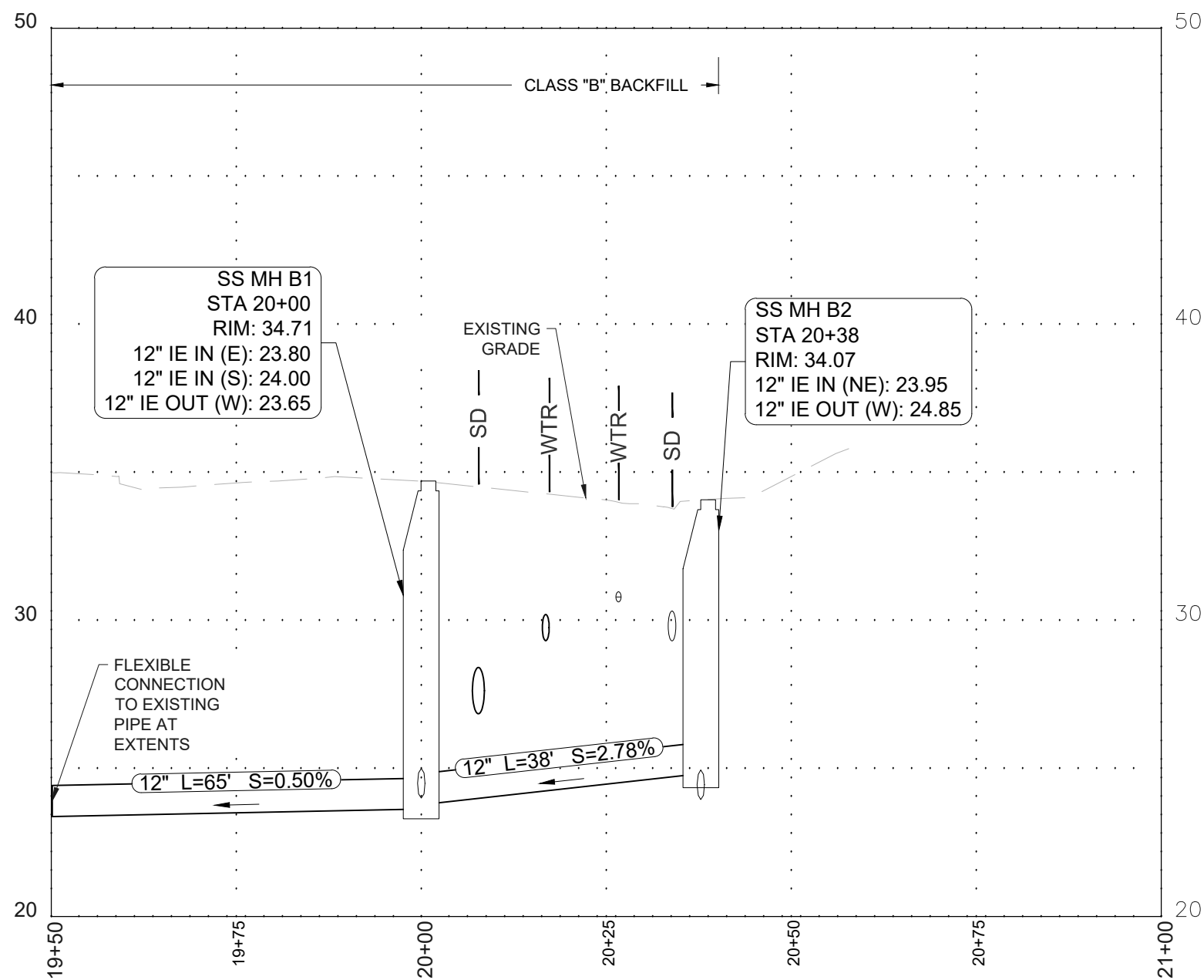
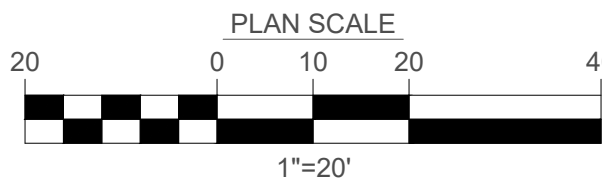


- SHEET NOTES:**
1. CONTRACTOR SHALL CONTACT "ONE CALL" FOR UTILITY LOCATES PRIOR TO THE START OF ANY EXCAVATION.
 2. EXISTING SITE FEATURES AND UTILITIES MAY EXIST IN CLOSE PROXIMITY TO THE IMPROVEMENTS SHOWN IN THESE DRAWING. CONTRACTOR SHALL PROTECT THESE FEATURES IN PLACE UNLESS NOTED OTHERWISE, OR REPAIR TO PRE-CONSTRUCTION CONDITION IF DISTURBED DURING CONSTRUCTION.
 3. CONTRACTOR SHALL POTHOLE LOCATION OF ALL PLANNED UTILITY CROSSINGS A MINIMUM OF 7 DAYS PRIOR TO CONSTRUCTION OF NEW UTILITIES. CONTRACTOR SHALL REPORT DEPTH AND SIZE OF EXISTING UTILITY PIPES TO ENGINEER. CONTRACTOR TO CONFIRM INVERT ELEVATIONS PRIOR TO ORDERING MATERIALS.
 4. THE EXISTING UTILITY CROSSINGS OF THE PIPELINES ARE SHOWN ACCORDING TO AVAILABLE INFORMATION. NO GUARANTEE IS MADE THAT ALL OF THE EXISTING UTILITIES ARE SHOWN. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN EXCAVATING AND PROTECT ALL EXISTING UTILITIES DURING HIS OPERATIONS. CONTRACTOR SHALL INSTALL NEW UTILITIES WITH A MINIMUM CLEARANCE OF 12 INCHES AT ALL CROSSINGS WITH OTHER PIPE LINES, UNLESS OTHERWISE SPECIFIED OR APPROVED BY THE ENGINEER. SANITARY SEWER AND WATERLINE CROSSINGS SHALL FOLLOW OAR 333-061-0050 (9), WHERE NEW UTILITIES CROSS EXISTING UNDERGROUND TELEPHONE, ELECTRICAL, AND/OR GAS LINES, A MINIMUM CLEARANCE OF 6-INCHES SHALL BE UTILIZED, UNLESS OTHERWISE NOTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO POTHOLE AND LOCATE ALL UTILITIES SHOWN ON THE PLANS. IF CONFLICTS ARE FOUND THE ENGINEER MUST BE NOTIFIED WITH SUFFICIENT TIME TO REDESIGN THE PIPE ALIGNMENTS. NO ADDITIONAL COMPENSATION WILL BE MADE TO THE CONTRACTOR FOR REDESIGNING PIPE ALIGNMENTS.
 5. CONTRACTOR SHALL POTHOLE EXISTING SEWER PRIOR TO NEW SEWER CONSTRUCTION TO CONFIRM EXISTING SEWER DEPTH, LOCATION, AND FITTING REQUIREMENTS FOR CONNECTION OF NEW SEWER TO EXISTING. CONTRACTOR SHALL RECONNECT EXISTING SEWER LATERALS TO THE NEW MAIN LINE.
 6. SEWER MUST REMAIN IN SERVICE DURING CONSTRUCTION. PROTECT PIPES, FITTINGS, VALVES, ETC. IN PLACE. BYPASS PUMP AS REQ'D TO MAINTAIN SERVICE.
 7. CONTRACTOR SHALL PROTECT IN PLACE CURB & GUTTER AS WELL AS CURB & GUTTER BASE. TRENCHING & SHORING SHALL BE USED TO PREVENT LOSS OF CURB & GUTTER BASE MATERIAL.
 8. EXISTING SOIL MAY BE UNSTABLE. USE SHORING FOR TRENCH WALLS AS NECESSARY.
 9. ALL TRAVELED WALKWAYS SHALL BE SAFE AND USABLE AT THE END OF EACH WORK DAY AS DIRECTED BY THE ENGINEER.



1
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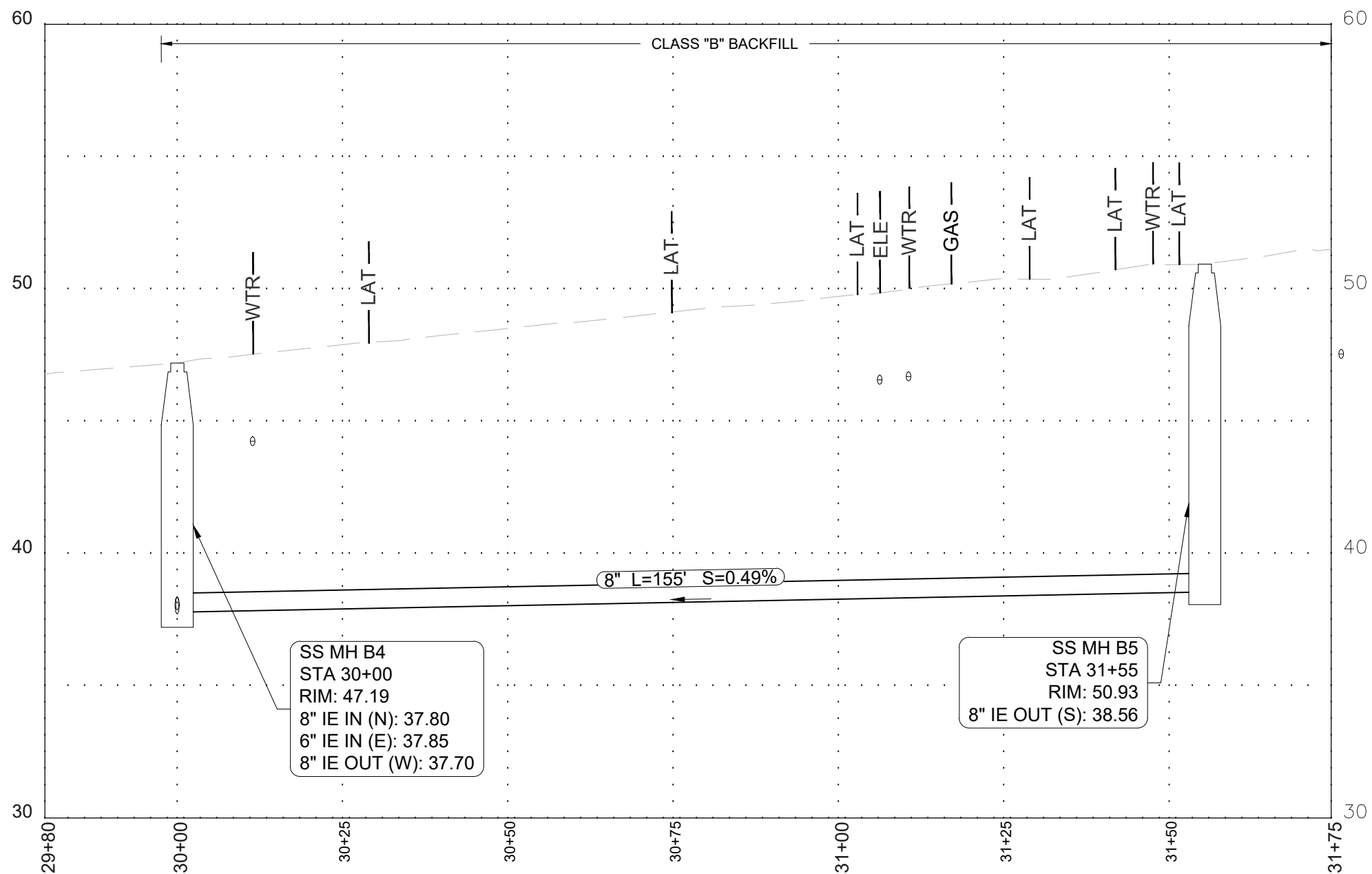
SANITARY SEWER - STA 19+50 - 21+00 &
STA 30+00 - 31+75



2
C200

SANITARY SEWER - PROFILE - STA 19+50 - 21+00

SCALE HORIZ: 1"=20'
VERT: 1"=5'



3
C200

SANITARY SEWER - PROFILE - STA 30+00 - 31+75

SCALE HORIZ: 1"=20'
VERT: 1"=5'

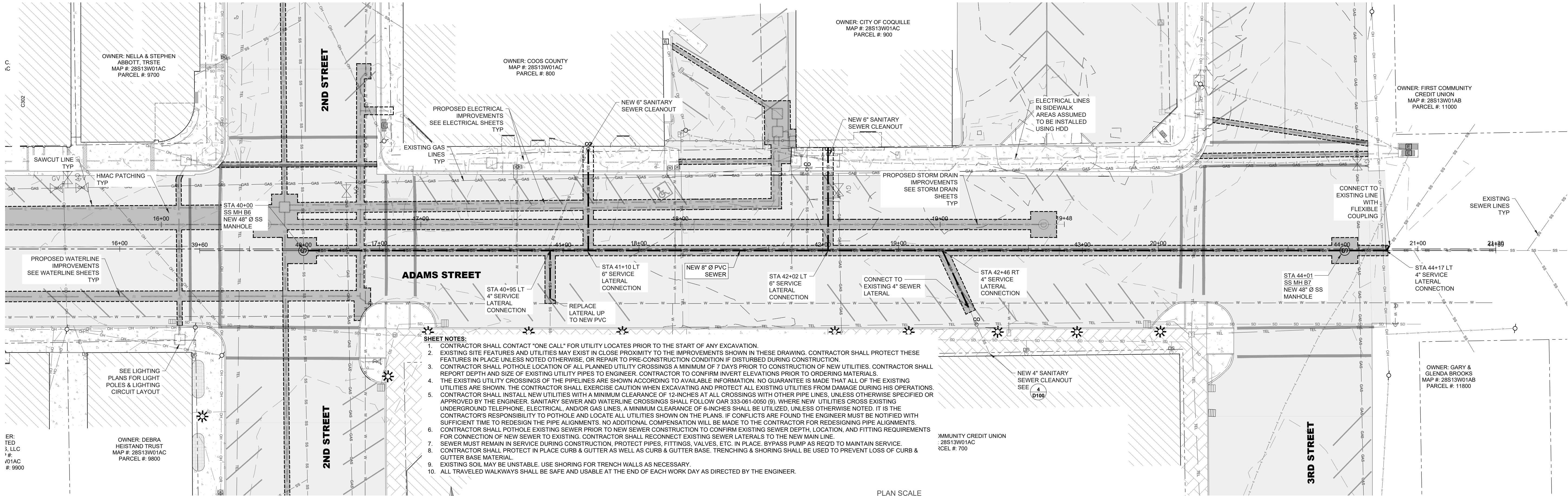
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REVISIONS:	
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DATE: FEBRUARY 2025

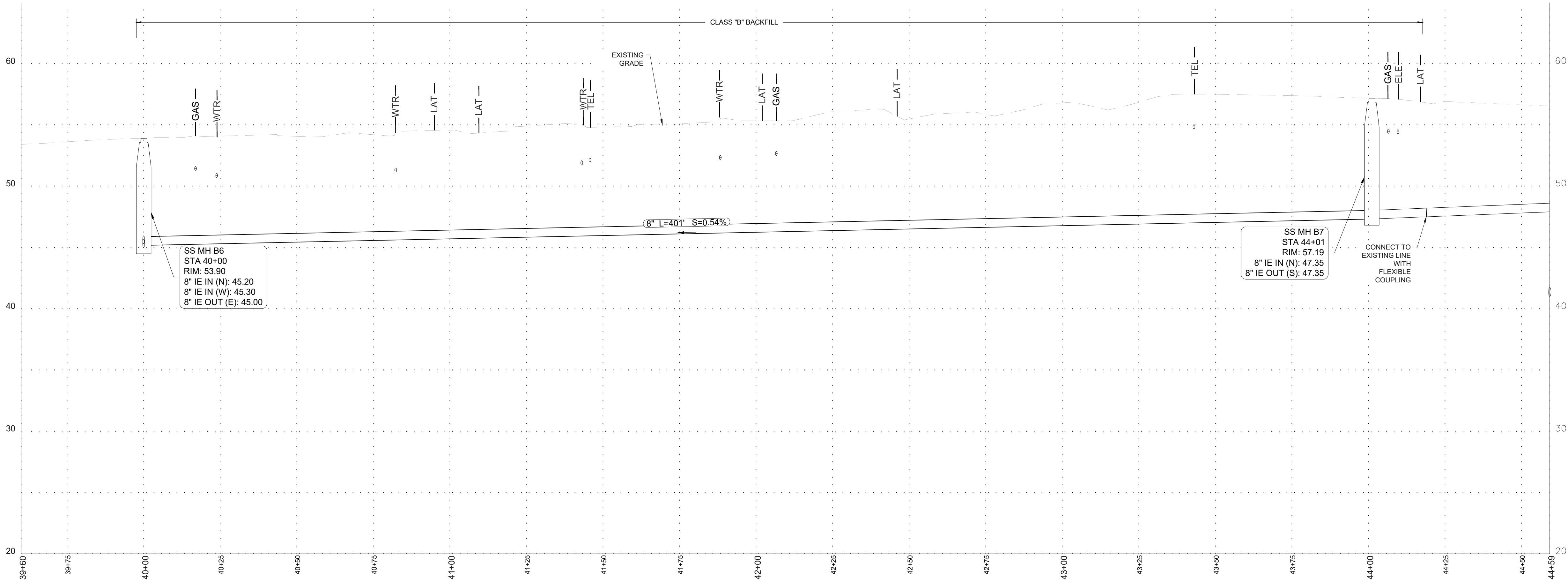
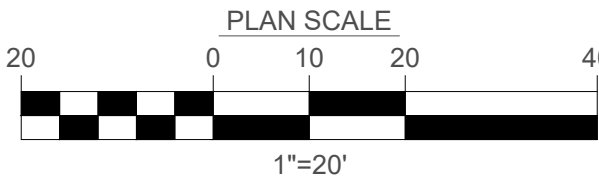
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SANITARY SEWER -
STA 19+50 - 21+00 &
STA 30+00 - 31+75

C200



1
C201

SANITARY SEWER - STA 40+00 - 44+59



2
C201

SANITARY SEWER - PROFILE - STA 40+00 - 44+59

SCALE HORIZ: 1" = 20'
VERT: 1" = 5'

HGE

ARCHITECTS.

333 S. 4TH STREET

COOS BAY, OR 97420

P: 541.269.1166

www.hge1.com

general@hge1.com

Civil West

Engineering Services, Inc.

REGISTERED PROFESSIONAL ENGINEER

OREGON

SEP 11, 2015

SEAN DEAN LLOYD

RENEWALS: 12/31/26

PROJECT NO.: 23-81

CITY OF COQUILLE URA

NORTH ADAMS STREETSCAPE IMPROVEMENTS

PHASE 1: UNDERGROUND IMPROVEMENTS

CITY OF COQUILLE

COQUILLE, OREGON

CONSTRUCTION

REVISIONS:

4/1/2025 VARIOUS

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DATE: FEBRUARY 2025

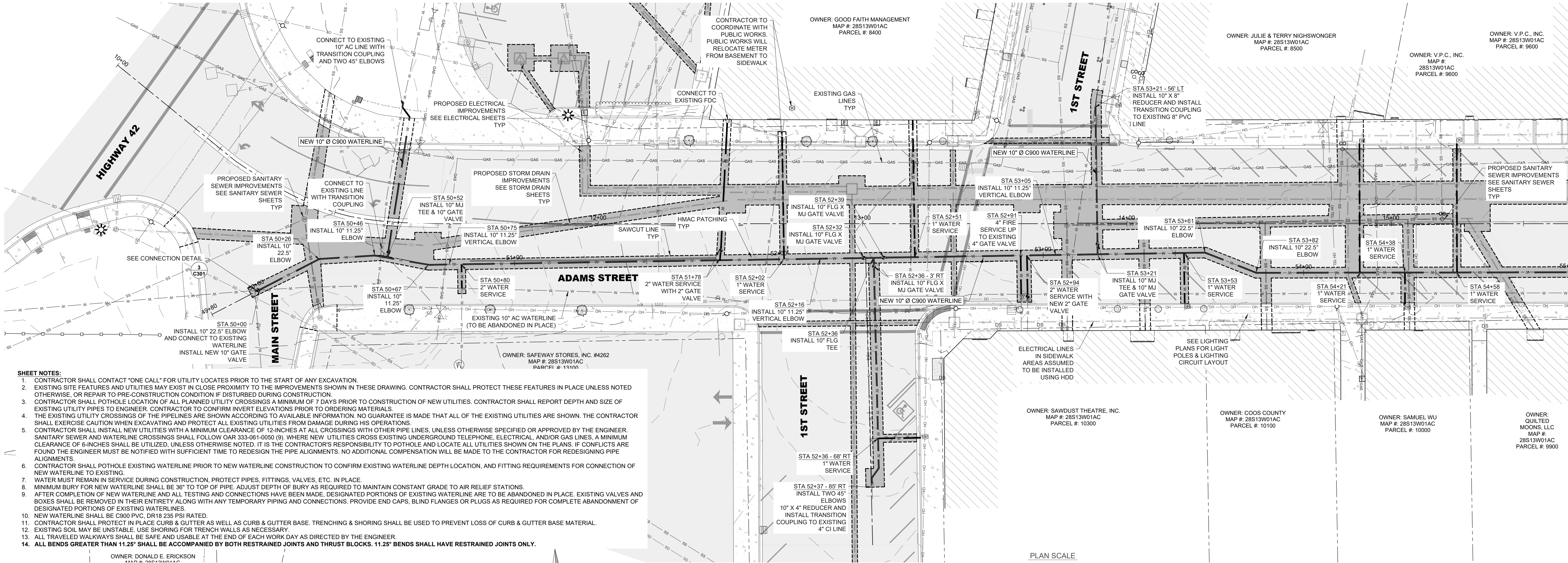
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C201

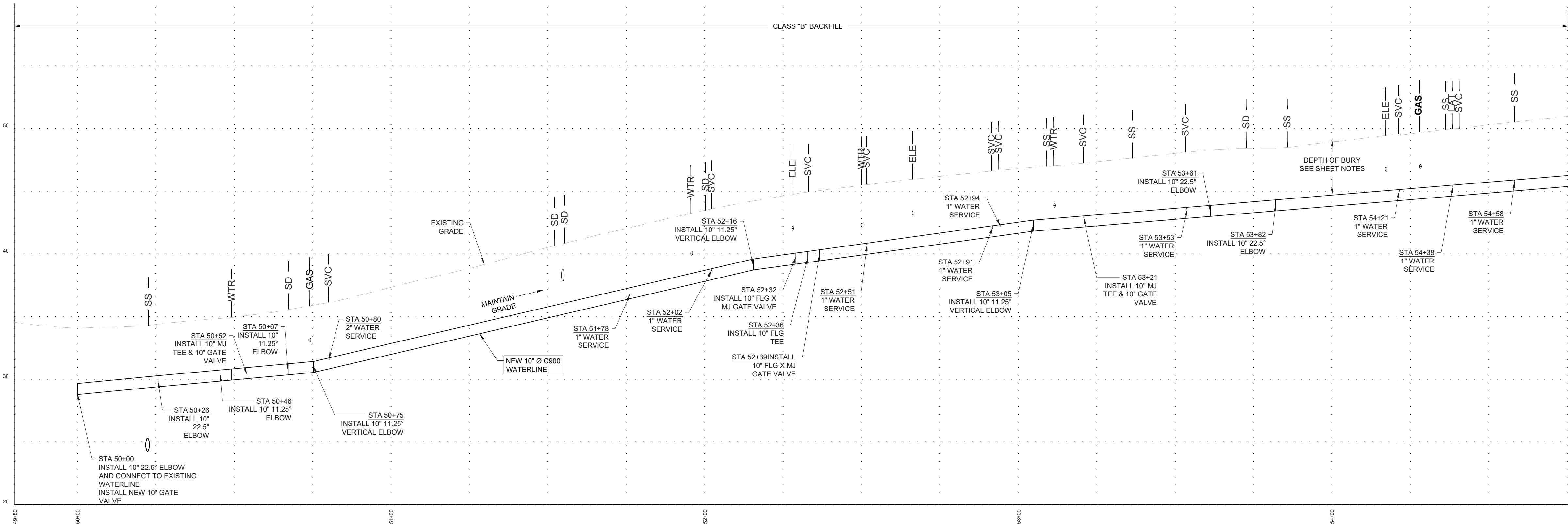
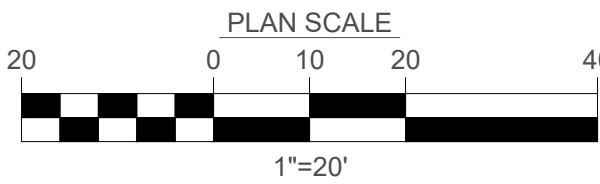
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- SHEET NOTES:**
- CONTRACTOR SHALL CONTACT "ONE CALL" FOR UTILITY LOCATES PRIOR TO THE START OF ANY EXCAVATION.
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 - CONTRACTOR SHALL INSTALL NEW UTILITIES WITH A MINIMUM CLEARANCE OF 12-INCHES AT ALL CROSSINGS WITH OTHER PIPE LINES, UNLESS OTHERWISE SPECIFIED OR APPROVED BY THE ENGINEER. SANITARY SEWER AND WATERLINE CROSSINGS SHALL FOLLOW OAR 333-061-0050 (9). WHERE NEW UTILITIES CROSS EXISTING UNDERGROUND TELEPHONE, ELECTRICAL, AND/OR GAS LINES, A MINIMUM CLEARANCE OF 6-INCHES SHALL BE UTILIZED, UNLESS OTHERWISE NOTED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO POTHOLE AND LOCATE ALL UTILITIES SHOWN ON THE PLANS. IF CONFLICTS ARE FOUND THE ENGINEER MUST BE NOTIFIED WITH SUFFICIENT TIME TO REDESIGN THE PIPE ALIGNMENTS. NO ADDITIONAL COMPENSATION WILL BE MADE TO THE CONTRACTOR FOR REDESIGNING PIPE ALIGNMENTS.
 - CONTRACTOR SHALL POTHOLE EXISTING WATERLINE PRIOR TO NEW WATERLINE CONSTRUCTION TO CONFIRM EXISTING WATERLINE DEPTH LOCATION, AND FITTING REQUIREMENTS FOR CONNECTION OF NEW WATERLINE TO EXISTING.
 - WATER MUST REMAIN IN SERVICE DURING CONSTRUCTION, PROTECT PIPES, FITTINGS, VALVES, ETC. IN PLACE.
 - MINIMUM BURY FOR NEW WATERLINE SHALL BE 36" TO TOP OF PIPE. ADJUST DEPTH OF BURY AS REQUIRED TO MAINTAIN CONSTANT GRADE TO AIR RELIEF STATIONS.
 - AFTER COMPLETION OF NEW WATERLINE AND ALL TESTING AND CONNECTIONS HAVE BEEN MADE, DESIGNATED PORTIONS OF EXISTING WATERLINE ARE TO BE ABANDONED IN PLACE. EXISTING VALVES AND BOXES SHALL BE REMOVED IN THEIR ENTIRETY ALONG WITH ANY TEMPORARY PIPING AND CONNECTIONS. PROVIDE END CAPS, BLIND FLANGES OR PLUGS AS REQUIRED FOR COMPLETE ABANDONMENT OF DESIGNATED PORTIONS OF EXISTING WATERLINES.
 - NEW WATERLINE SHALL BE C900 PVC, DR18 235 PSI RATED.
 - CONTRACTOR SHALL PROTECT IN PLACE CURB & GUTTER AS WELL AS CURB & GUTTER BASE. TRENCHING & SHORING SHALL BE USED TO PREVENT LOSS OF CURB & GUTTER BASE MATERIAL.
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 - ALL BENDS GREATER THAN 11.25° SHALL BE ACCOMPANIED BY BOTH RESTRAINED JOINTS AND THRUST BLOCKS. 11.25° BENDS SHALL HAVE RESTRAINED JOINTS ONLY.

1 WATERLINE IMPROVEMENTS - STA 50+00 - 55+00
C300



2 WATERLINE IMPROVEMENTS - PROFILE - STA 50+00 - 55+00
C300

SCALE HORIZ: 1"=20'
VERT: 1"=5'

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ARCHITECTS.

333 S. 4TH STREET

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Civil West

Engineering Services, Inc.

REGISTERED PROFESSIONAL ENGINEER

89522PE

Sean Lloyd

OREGON

SEP 11, 2010

SEAN DEAN LLOYD

RENEWALS: 12/31/26

PROJECT NO.: 23.81

CITY OF COQUILLE URA

NORTH ADAMS STREETSCAPE IMPROVEMENTS

PHASE 1: UNDERGROUND IMPROVEMENTS

CITY OF COQUILLE

COQUILLE, OREGON

CONSTRUCTION

REVISIONS:

4/1/2025 VARIOUS

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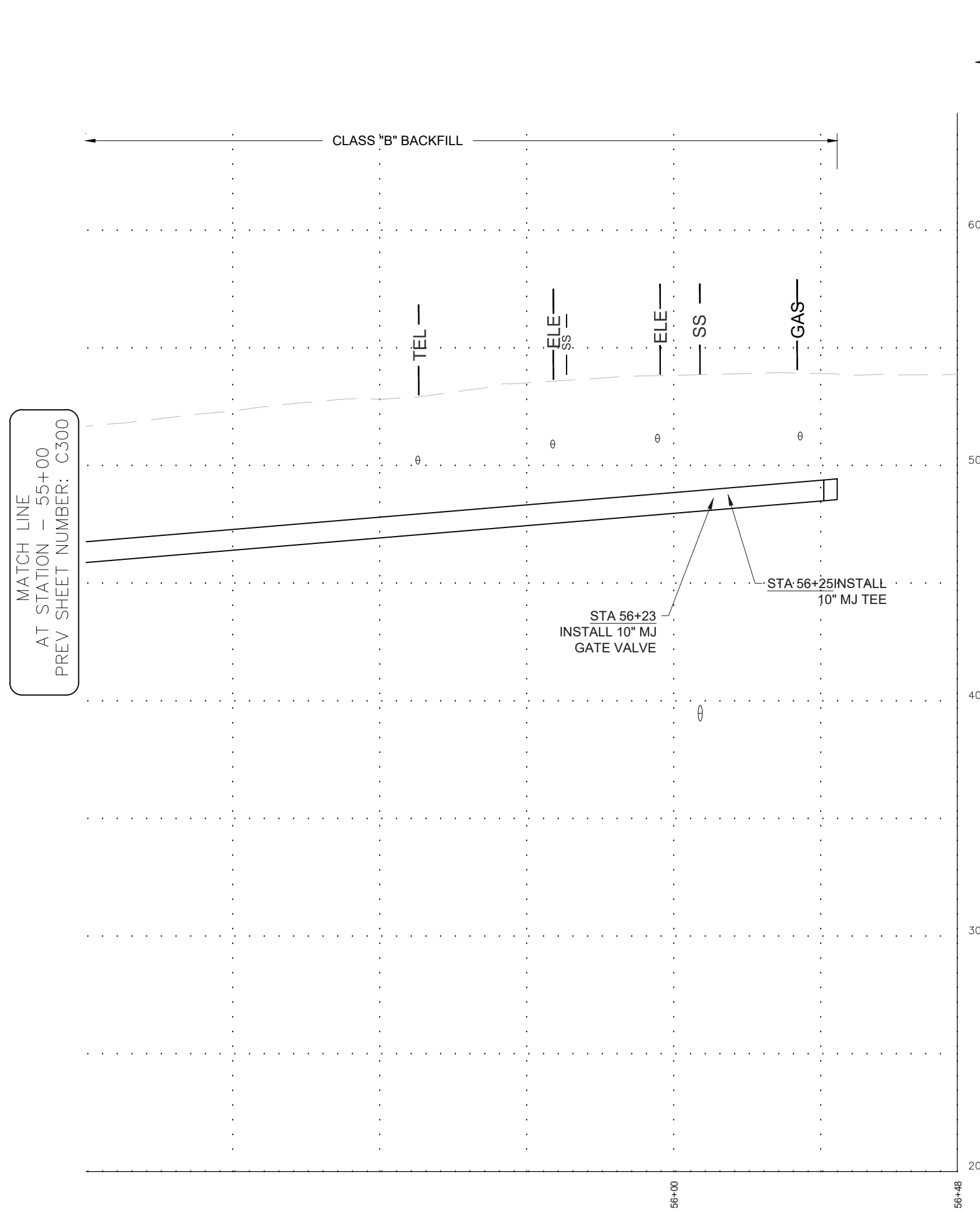
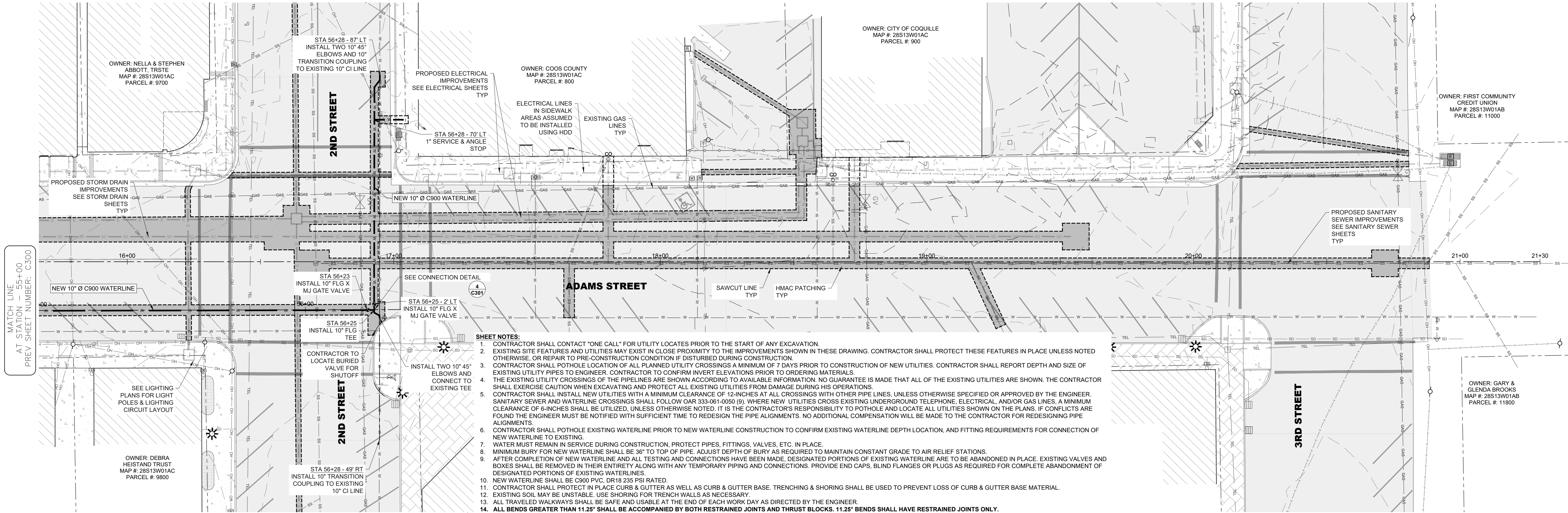
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DATE: FEBRUARY 2025

SHEET TITLE: WATERLINE IMPROVEMENTS - STA 50+00 - 55+00

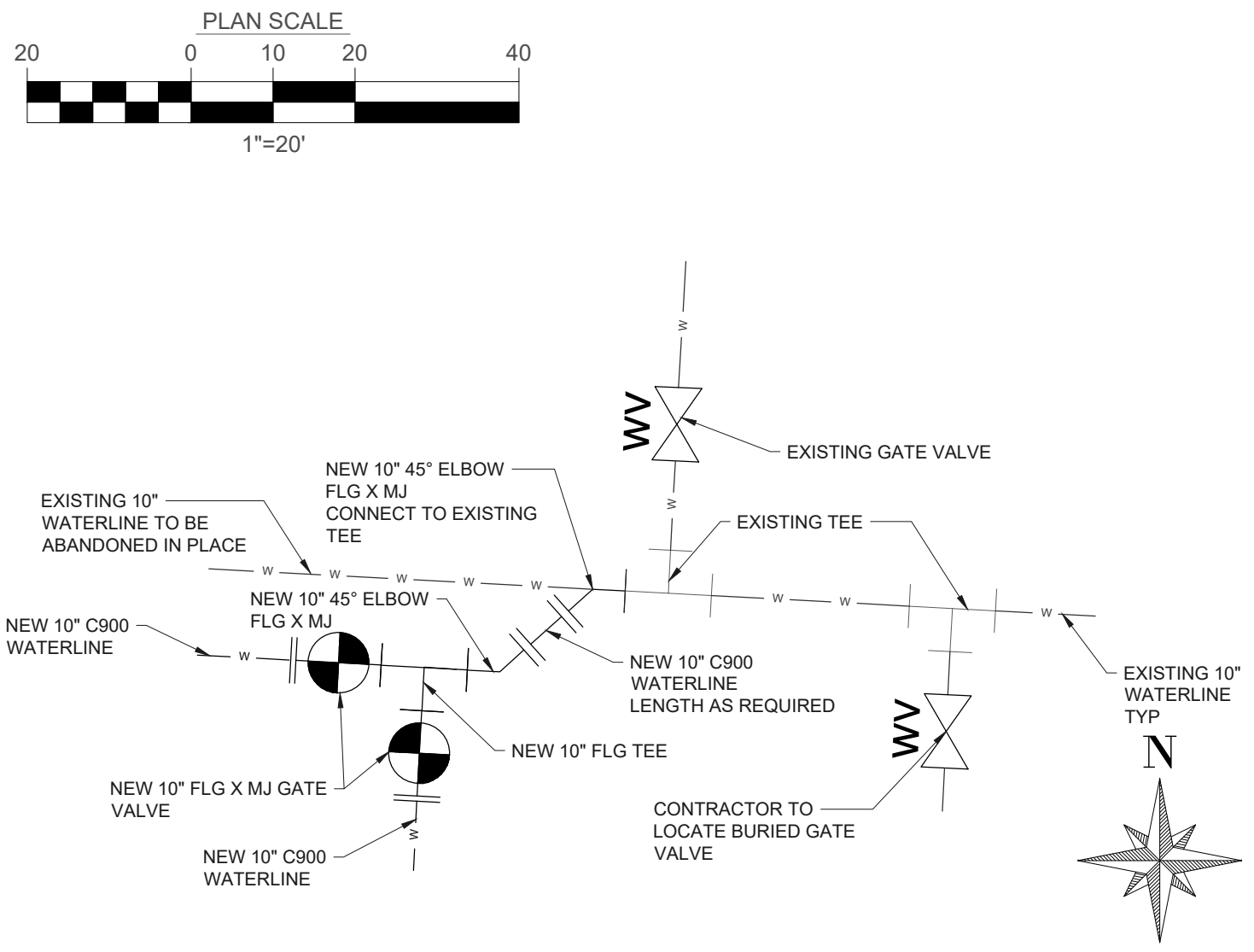
C300

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1 WATERLINE IMPROVEMENTS - STA 55+00 - END



3 STA 50+00 WATER CONNECTION DETAIL

1. NOTE: CONTRACTOR TO POTHOLE AND VERIFY EXISTING INFRASTRUCTURE PRIOR TO ORDERING PARTS.

4 STA 56+25 WATER CONNECTION DETAIL

1. NOTE: CONTRACTOR TO POTHOLE AND VERIFY EXISTING INFRASTRUCTURE PRIOR TO ORDERING PARTS.

HGEARCHITECTS.

333 S. 4TH STREET
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Civil WestEngineering Services, Inc.

REGISTERED PROFESSIONAL ENGINEER
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RENEWALS: 12/31/26

PROJECT NO.: 23.81
CITY OF COQUILLE URA
NORTH ADAMS STREETSCAPE IMPROVEMENTS
PHASE 1: UNDERGROUND IMPROVEMENTS
CITY OF COQUILLE
COQUILLE, OREGON

CONSTRUCTION

REVISIONS:
4/1/2025 VARIOUS

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DATE: FEBRUARY 2025

SHEET TITLE:
WATERLINE
IMPROVEMENTS - STA
55+00 - END

C301

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PROJECT NO.: 23.81
CITY OF COQUILLE URA
NORTH ADAMS STREETSCAPE IMPROVEMENTS
PHASE 1: UNDERGROUND IMPROVEMENTS
CITY OF COQUILLE
COQUILLE, OREGON

PROJECT NO.: 23.81

CONSTRUCTION

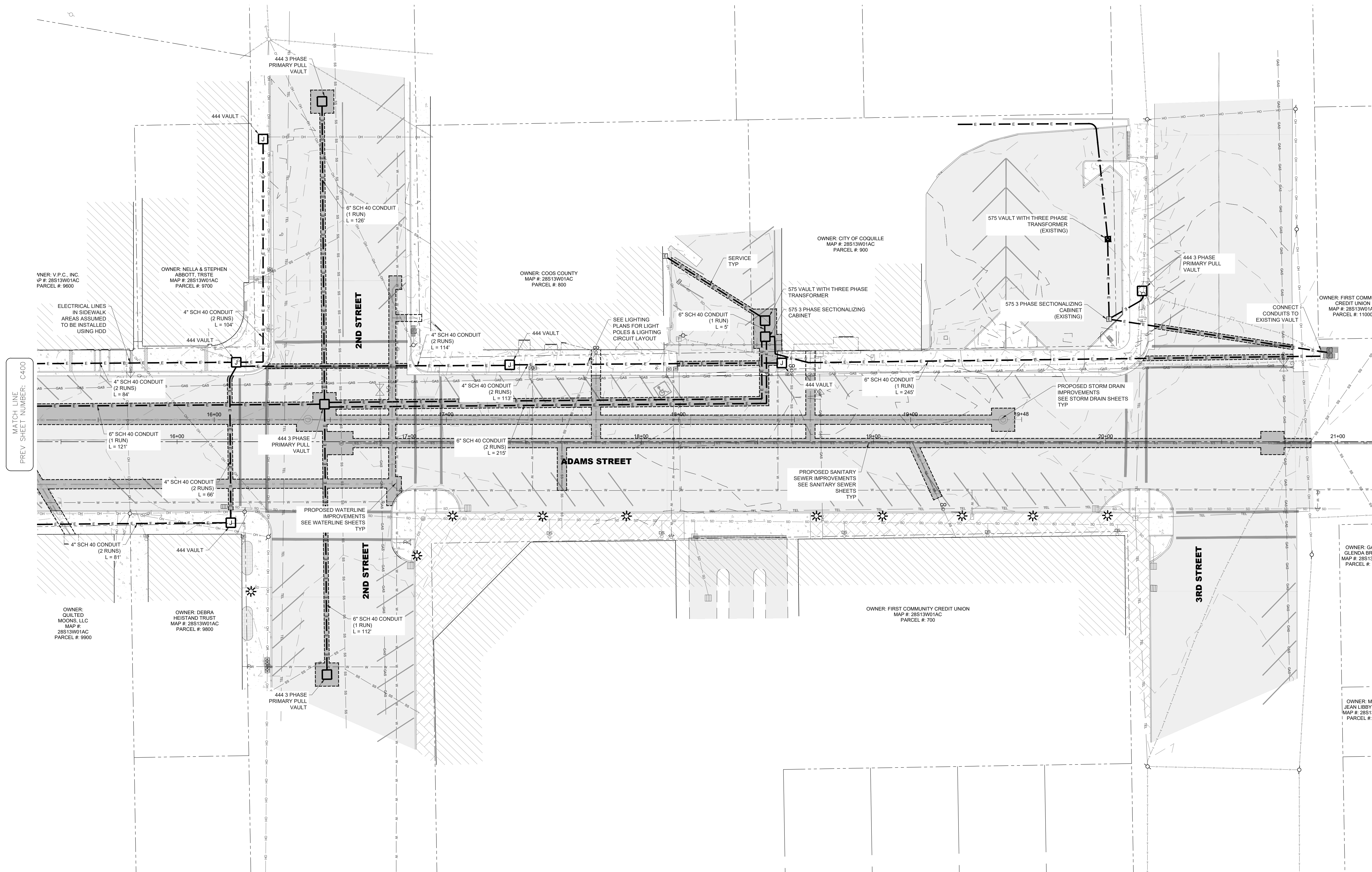
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DATE: FEBRUARY 2025

SHEET TITLE:
ELECTRICAL
IMPROVEMENTS

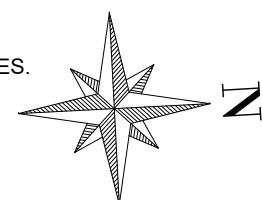
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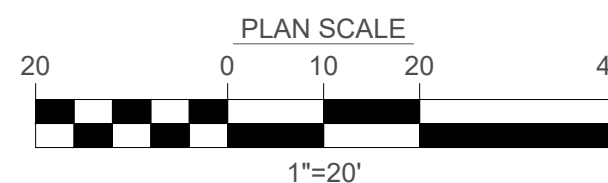
SHEET NOTES:

- SHEET NOTES:**
1. MINOR ADJUSTMENTS OF VAULT & CONDUIT LOCATIONS MAY BE REQUIRED TO MAINTAIN APPROPRIATE CLEARANCES TO OTHER UNDERGROUND UTILITIES.
 2. SERVICE UPGRADES SHALL BE PERFORMED PER REPORT BY CEDAR ELECTRIC.
 3. LINE LENGTHS SHOWN ARE APPROXIMATE AND BASED ON PRELIMINARY LAYOUT.
 4. ALL VAULTS AND CONDUIT SHALL BE INSTALLED TO PPL STANDARDS AND SPECIFICATIONS.



1
C401

ELECTRICAL IMPROVEMENTS



Coquille URA – North Adams Streetscape Improvements

Phase 1: Underground Improvements

March 18, 2025, 10:00 AM

Mandatory Pre-Bid Walkthrough Attendance Sheet

NAME	COMPANY	TELEPHONE	EMAIL	BIDDING AS
STEPHANIE MARTEN	HGE ARCHITECTS	541.517.2001	Smarttel@hge1.com	<input type="checkbox"/> GC <input type="checkbox"/> SUB
KELLY SANDOW	SANDOW ENGINEERING	541.513.3376	Kelly Sandow @ SANDOW ENGINEERING.COM	<input type="checkbox"/> GC <input type="checkbox"/> SUB
Ryan Swenson	Civil West	541.982.9809	rsvenson@civlwest.net	<input type="checkbox"/> GC <input type="checkbox"/> SUB
Kortney Johnson	Johnson Rock Products	541-269-7000	kortney@johnsonrockproducts.com	<input checked="" type="checkbox"/> GC <input type="checkbox"/> SUB
Don Sartor	Reese Electric	541-756-2723	don@kyleelectr.com	<input type="checkbox"/> GC <input type="checkbox"/> SUB
Jake Sweet	KRM	541 269 1915	Jake Sweet @ Kniferiver.com	<input checked="" type="checkbox"/> GC <input type="checkbox"/> SUB
Fred Paragallo	WHITAKER CONSTRUCTION	541-294 5286	FRED PARAGALLO @ WHITCON.COM	<input checked="" type="checkbox"/> GC <input type="checkbox"/> SUB
Kyle Latta	KNIFE RIVER MATERIALS	541-269-1915	Kyle.latta@knife river.com	<input checked="" type="checkbox"/> GC <input type="checkbox"/> SUB
Mark Denning	City	541-551-5059	on file	<input type="checkbox"/> GC <input type="checkbox"/> SUB

PLANHOLDERS LIST

Project Number and Name: 23.81 City of Coquille URA North Adams Streetscape Improvements Phase 1 Underground Improvements

Bid Opening Time and Date: Tuesday, April 22, 2025

Bid Opening Location: See Advertisement for Bid

Deposit Amount: **Architect's Estimate:** \$

	Company Name	Category	Contact Person	Email	Phone
OWNER					
	City of Coquille	Owner	Forrest Neuerburg Mark Denning	fneuerburg@cityofcoquille.org mdenning@cityofcoquille.org	
DESIGN TEAM					
	HGE ARCHITECTS, Inc.	Architect / Project Manager	Stephanie Martell	smartell@hge1.com	541.269.1166
	Civil West	Civil	Sean Lloyd	sloyd@civilwest.net	541.982.4083
	Sandow Engineering	Traffic	Kelly Sandow	kellysandow@sandowengineering.com	541.513.3376
CONTRACTORS					
	Kyle Electric		Dan Sartor	dan@kyleelectric.com	541.756.2723
	Johnson Rock Products		Kortney Johnson	kortney@johnsonrockproducts.com	541.269.2000
	Knife River Materials		Jake Sweet	jake.sweet@kniferiver.com	541.269.1915
	Whitaker Construction		Fred Peragallo	fred.peragallo@whitcon.com	541.294.5286
PLAN EXCHANGES (Exch)					
	DJC Plan Center	Exch	Plan Room	plancenter@DJCOregon.com	503-274-0624
	Seattle DJC	Exch		plans@dj.com	206-622-8272
	Builders Exchange of Washington, Inc.	Exch	Production Dept.	production@bxwa.com	425-258-1303
	Eugene Builders Exchange	Exch	Jeremy Moritz	info@ebe.org	541-484-5331
	Plan Center Northwest	Exch	Brie Kidwell	brie@plancenternw.com	503-650-0148
	Salem Contractors Exchange	Exch	Lori Klopfenstein	lori@sceonline.org	503-362-7957
	Premier Builders Exchange	Exch	Kendra Connelly Chyna Kennedy	admin@plansonfile.com	541.389.0123
	Medford Builders Exchange	Exch	Tim O'Sullivan	planroom@medfordbuilders.com	541.773.5327
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	Tri-City Construction Council	Exch	Kailey Casey	bidinfo@tcplancenter.com	509.582.7424
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	Construction Connect	Exch	Amanda Beyer	Content@constructconnect.com	513.458.5837