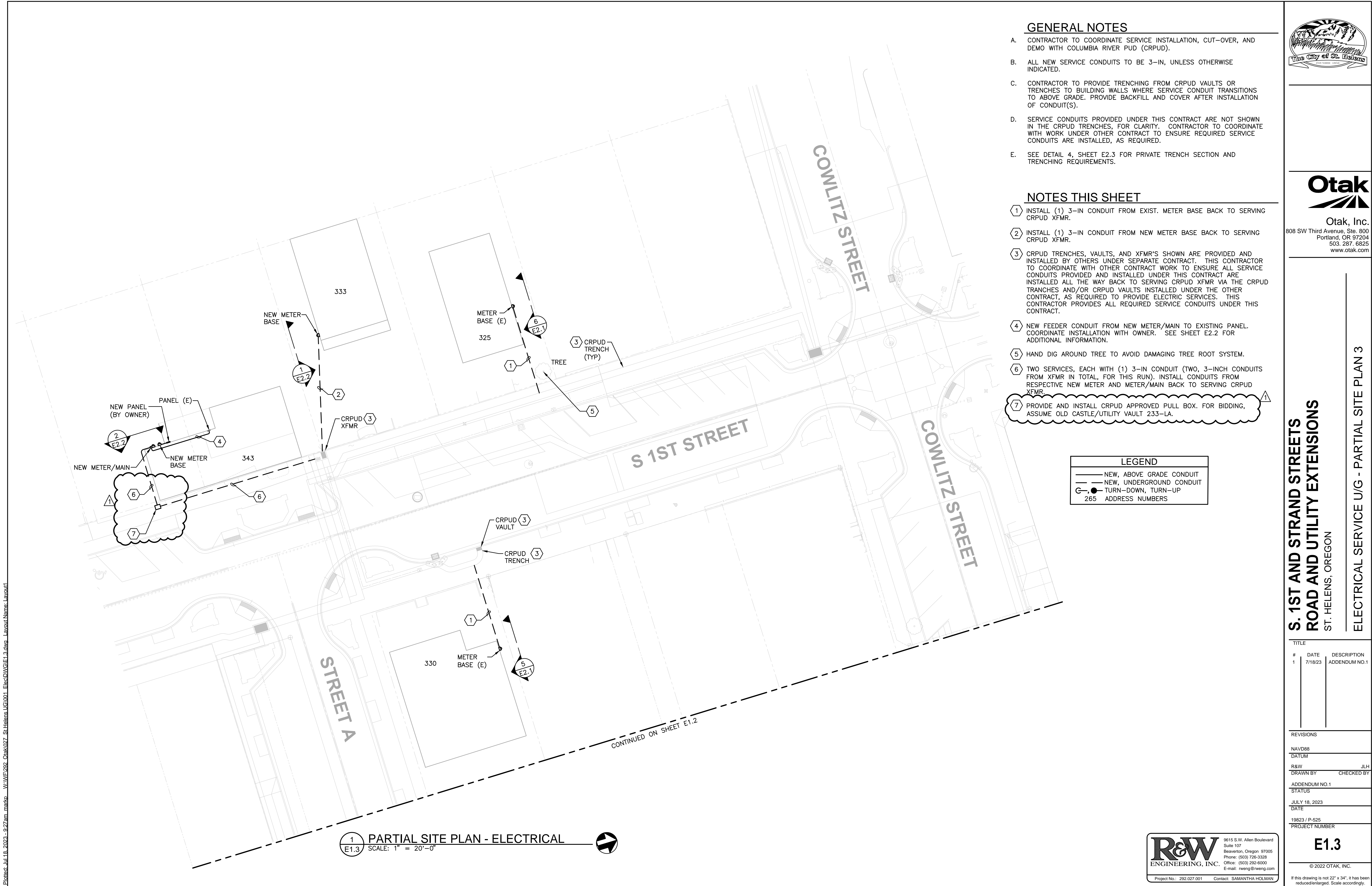


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GENERAL NOTES

- A. CONTRACTOR TO COORDINATE SERVICE INSTALLATION, CUT-OVER, AND DEMO WITH COLUMBIA RIVER PUD (CRPUD).
- B. ALL NEW SERVICE CONDUITS TO BE 3-IN, UNLESS OTHERWISE INDICATED.
- C. CONTRACTOR TO PROVIDE TRENCHING FROM CRPUD VAULTS OR TRENCHES TO BUILDING WALLS WHERE SERVICE CONDUIT TRANSITIONS TO ABOVE GRADE. PROVIDE BACKFILL AND COVER AFTER INSTALLATION OF CONDUIT(S).
- D. SERVICE CONDUITS PROVIDED UNDER THIS CONTRACT ARE NOT SHOWN IN THE CRPUD TRENCHES, FOR CLARITY. CONTRACTOR TO COORDINATE WITH WORK UNDER OTHER CONTRACT TO ENSURE REQUIRED SERVICE CONDUITS ARE INSTALLED, AS REQUIRED.
- E. SEE DETAIL 4, SHEET E2.3 FOR PRIVATE TRENCH SECTION AND TRENCHING REQUIREMENTS.

NOTES THIS SHEET

- 1 INSTALL (1) 3-IN CONDUIT FROM EXIST. METER BASE BACK TO SERVING CRPUD XFMR.
- 2 INSTALL (1) 3-IN CONDUIT FROM NEW METER BASE BACK TO SERVING CRPUD XFMR.
- 3 CRPUD TRENCHES, VAULTS, AND XFMR'S SHOWN ARE PROVIDED AND INSTALLED BY OTHERS UNDER SEPARATE CONTRACT. THIS CONTRACTOR TO COORDINATE WITH OTHER CONTRACT WORK TO ENSURE ALL SERVICE CONDUITS PROVIDED AND INSTALLED UNDER THIS CONTRACT ARE INSTALLED ALL THE WAY BACK TO SERVING CRPUD XFMR VIA THE CRPUD TRANCHES AND/OR CRPUD VAULTS INSTALLED UNDER THE OTHER CONTRACT, AS REQUIRED TO PROVIDE ELECTRIC SERVICES. THIS CONTRACTOR PROVIDES ALL REQUIRED SERVICE CONDUITS UNDER THIS CONTRACT.
- 4 NEW FEEDER CONDUIT FROM NEW METER/MAIN TO EXISTING PANEL. COORDINATE INSTALLATION WITH OWNER. SEE SHEET E2.2 FOR ADDITIONAL INFORMATION.
- 5 HAND DIG AROUND TREE TO AVOID DAMAGING TREE ROOT SYSTEM.
- 6 TWO SERVICES, EACH WITH (1) 3-IN CONDUIT (TWO, 3-INCH CONDUITS FROM XFMR IN TOTAL, FOR THIS RUN). INSTALL CONDUITS FROM RESPECTIVE NEW METER AND METER/MAIN BACK TO SERVING CRPUD XFMR.
- 7 PROVIDE AND INSTALL CRPUD APPROVED PULL BOX. FOR BIDDING, ASSUME OLD CASTLE/UTILITY VAULT 233-LA.

LEGEND	
	NEW, ABOVE GRADE CONDUIT
	NEW, UNDERGROUND CONDUIT
	TURN-DOWN, TURN-UP
265	ADDRESS NUMBERS

1 PARTIAL SITE PLAN - ELECTRICAL
E1.3 SCALE: 1" = 20'-0"



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Project No.: 292.027.001 Contact: SAMANTHA HOLMAN

The City of St. Helens
FOUNDED 1811

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ROAD AND UTILITY EXTENSIONS**
ST. HELENS, OREGON

ELECTRICAL SERVICE U/G - PARTIAL SITE PLAN 3

TITLE		
#	DATE	DESCRIPTION
1	7/18/23	ADDENDUM NO.1

REVISIONS

NAVDB8

DATUM

R&W JLH

DRAWN BY CHECKED BY

ADDENDUM NO.1

STATUS

JULY 18, 2023

DATE

19823 / P-525

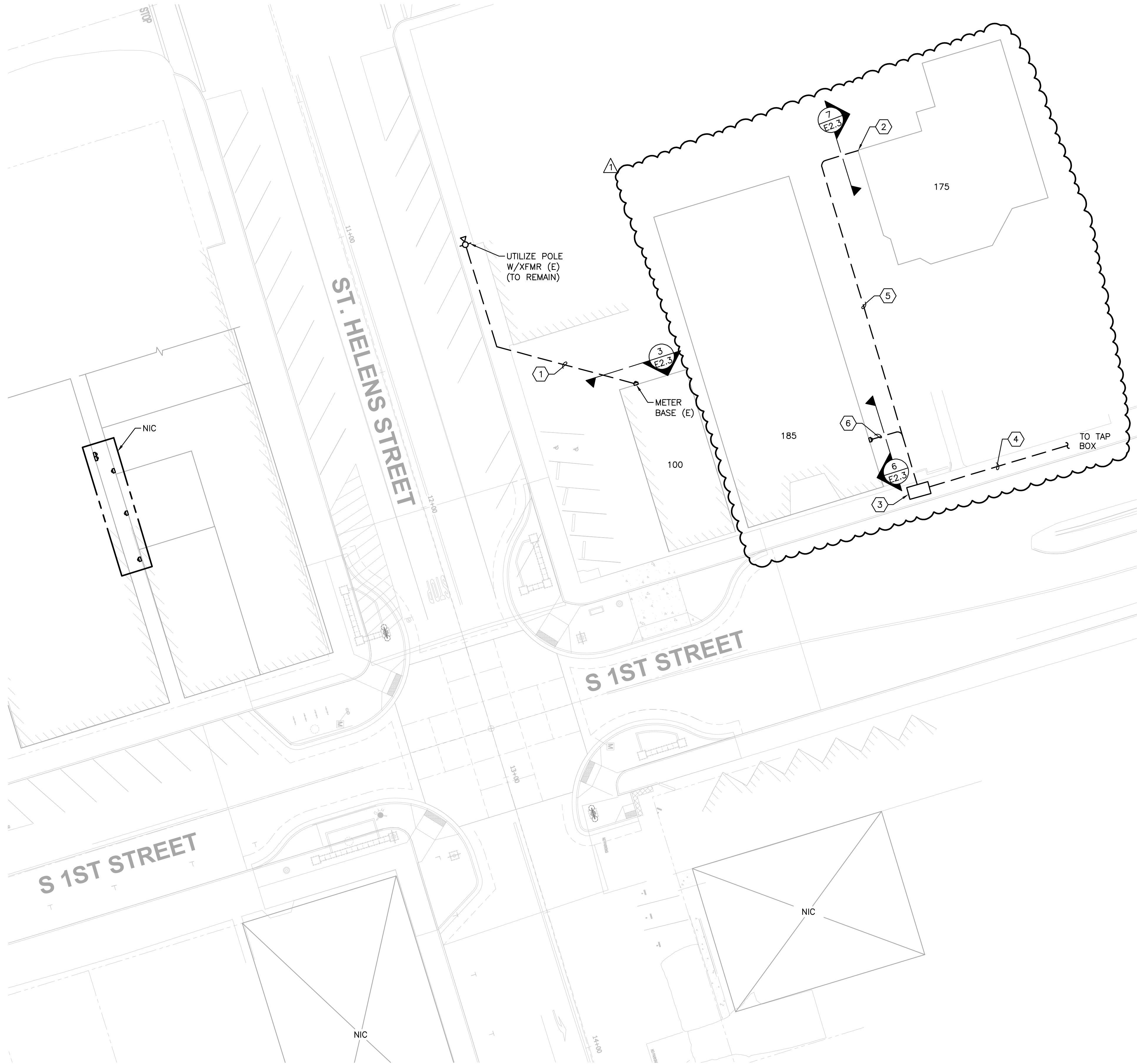
PROJECT NUMBER

E1.3

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1
E1.5 PARTIAL SITE PLAN - ELECTRICAL
SCALE: 1" = 20'-0"

GENERAL NOTES

- A. CONTRACTOR TO COORDINATE SERVICE INSTALLATION, CUT-OVER, AND DEMO WITH COLUMBIA RIVER PUD (CRPUD).
- B. ALL NEW SERVICE CONDUITS TO BE 3-IN, UNLESS OTHERWISE INDICATED.
- C. SEE DETAIL 4, SHEET E2.3 FOR PRIVATE TRENCH SECTION AND TRENCHING REQUIREMENTS.

NOTES THIS SHEET

- 1 INSTALL (1) 3-IN CONDUIT FROM EXIST. METER BASE BACK TO SERVING CRPUD XFMR.
- 2 SEE DETAIL 7, SHEET E2.3 FOR ABOVE GROUND ROUTING.
- 3 PROVIDE AND INSTALL CRPUD APPROVED PULL BOX. FOR BIDDING, ASSUME OLD CASTLE/UTILITY VAULT 233-LA.
- 4 INSTALL (2) 3-IN CONDUIT FROM CRPUD TAP BOX (NOT SHOWN) INTO NEW PULL BOX.
- 5 INSTALL (1) 3-IN CONDUIT FROM EXISTING WEATHERHEAD BACK TO NEW PULL BOX.
- 6 INSTALL (1) 3-IN CONDUIT FROM NEW METER BASE BACK TO NEW PULL BOX.

LEGEND

- NEW, ABOVE GRADE CONDUIT
- NEW, UNDERGROUND CONDUIT
- TURN-DOWN, TURN-UP
- 265 ADDRESS NUMBERS



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ELECTRICAL SERVICE U/G - PARTIAL SITE PLAN 5

TITLE		
#	DATE	DESCRIPTION
1	7/18/23	ADDENDUM NO.1

REVISIONS	
NAVDB8	
DATUM	
R&W	JLH
DRAWN BY	CHECKED BY
ADDENDUM NO.1	
STATUS	
JULY 18, 2023	
DATE	
19823 / P-525	
PROJECT NUMBER	

E1.5

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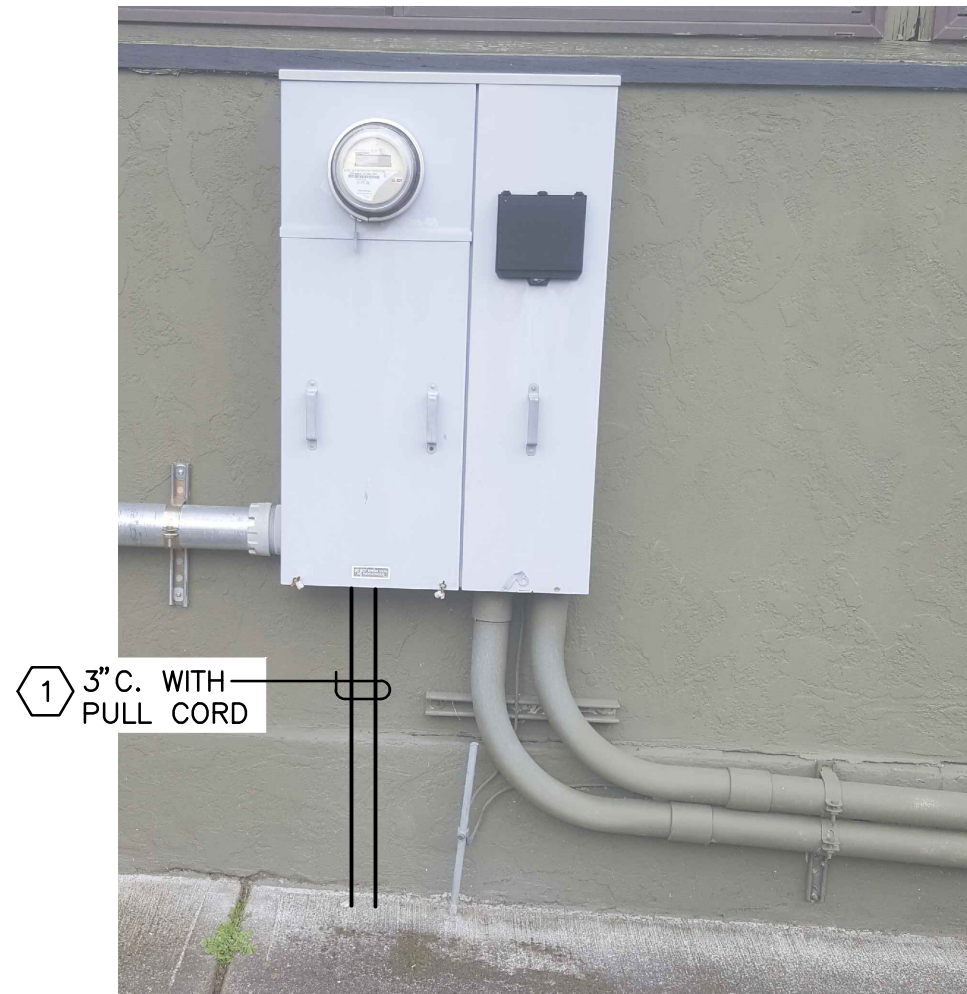
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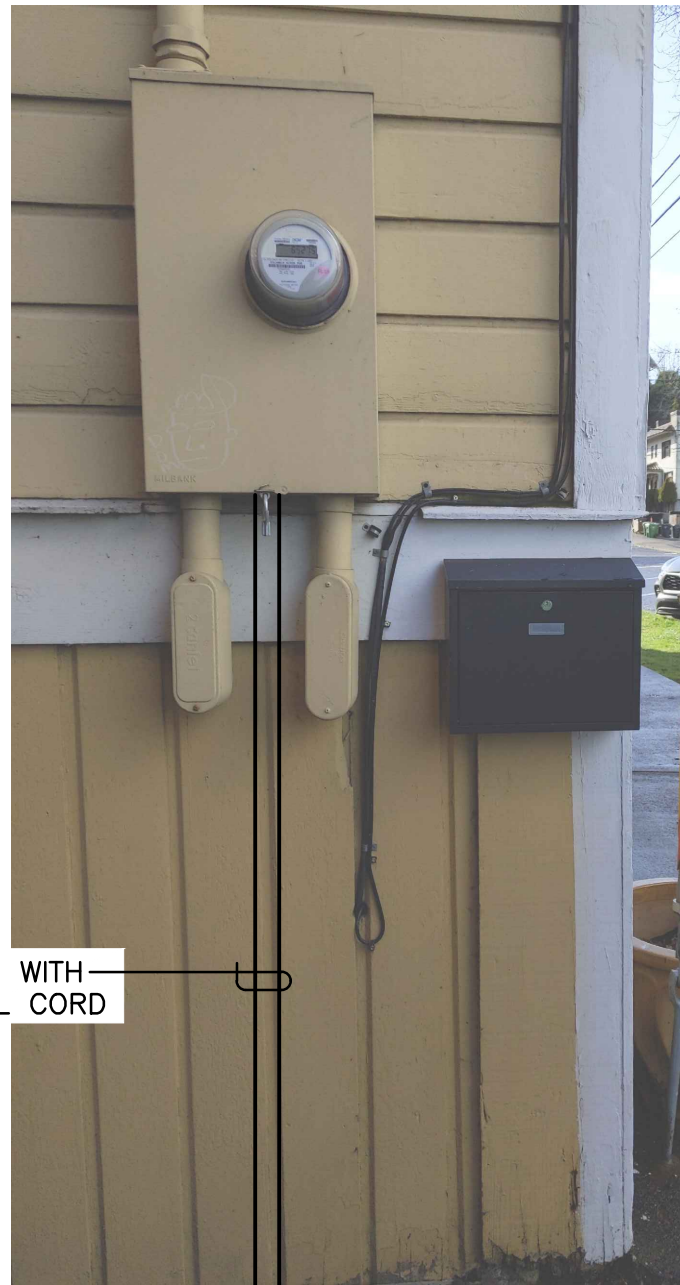
Project No.: 292.027.001 Contact: SAMANTHA HOLMAN

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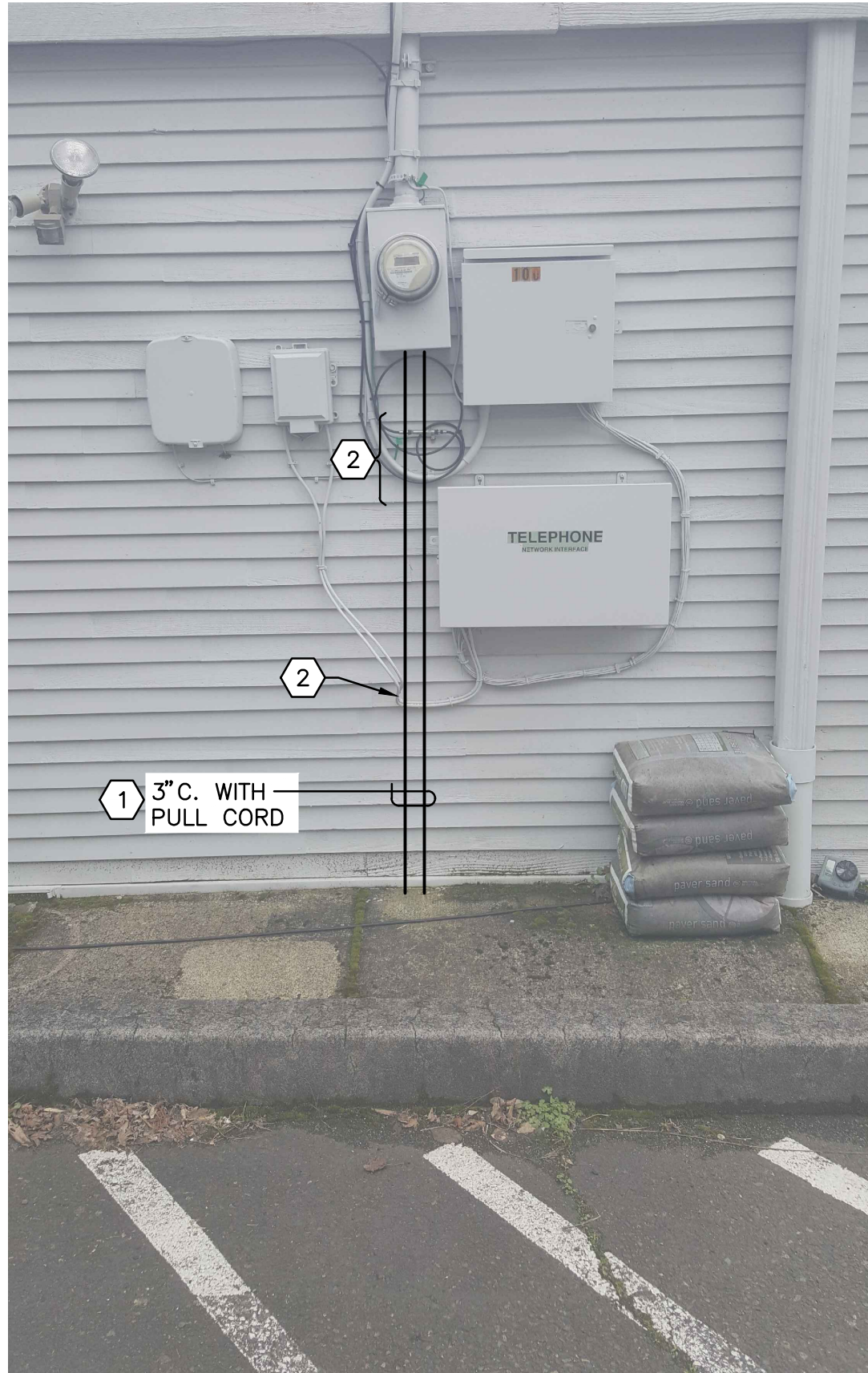
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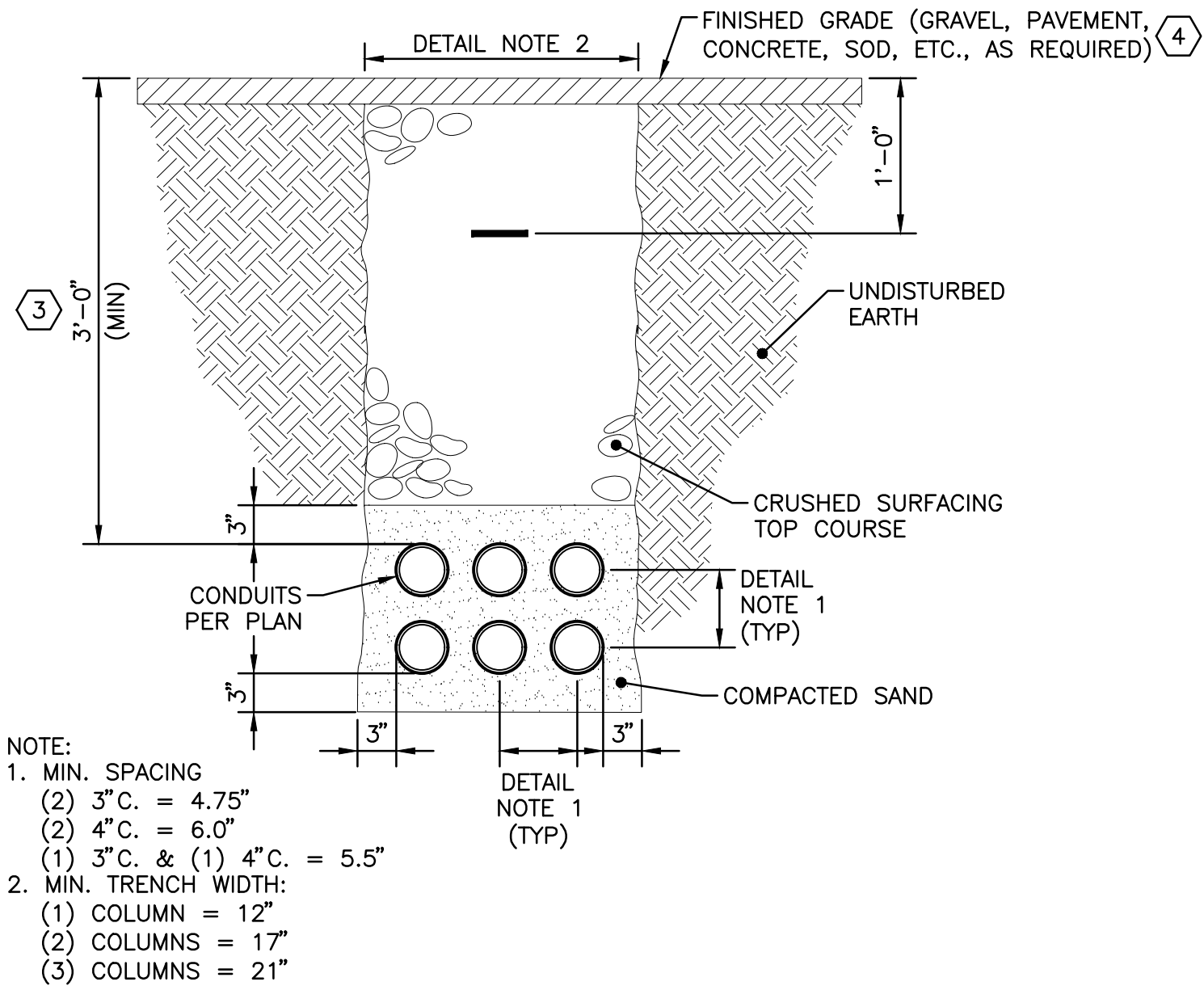
1 50 COWLITZ ST - SOUTH WALL
E2.3 NOT TO SCALE



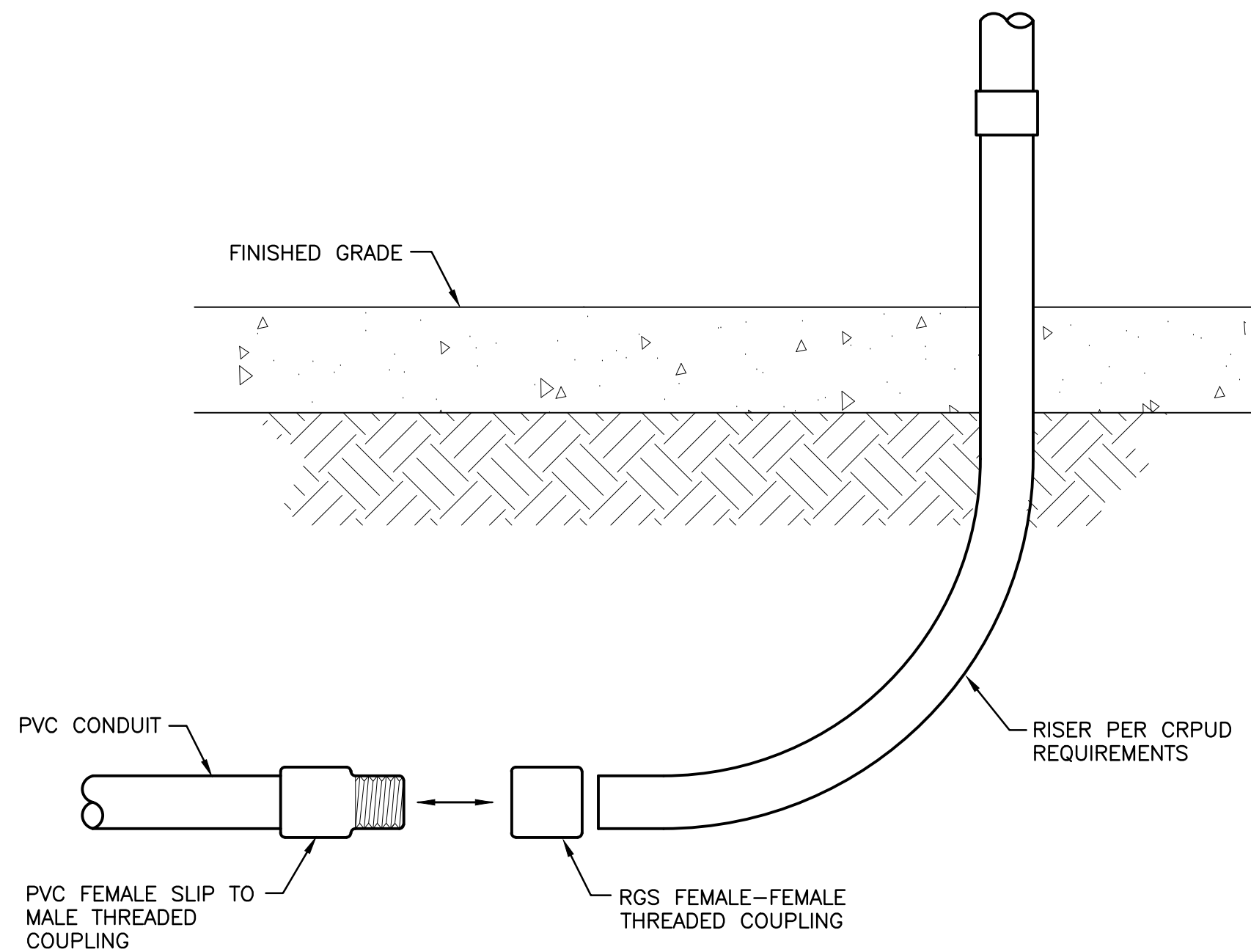
2 71 COWLITZ ST - WEST ALLEY
E2.3 NOT TO SCALE



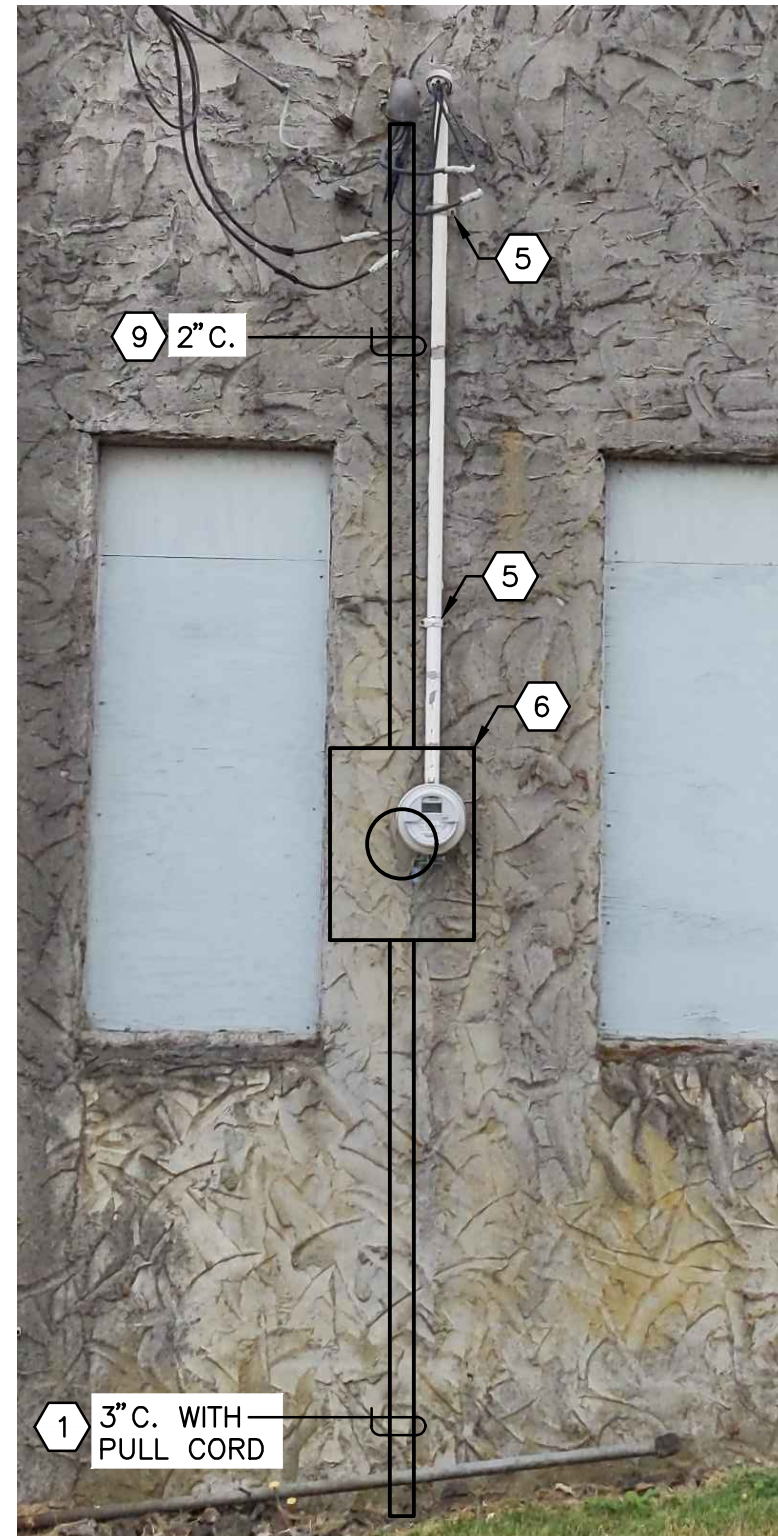
3 100 ST. HELENS ST - WEST SIDE
E2.3 NOT TO SCALE



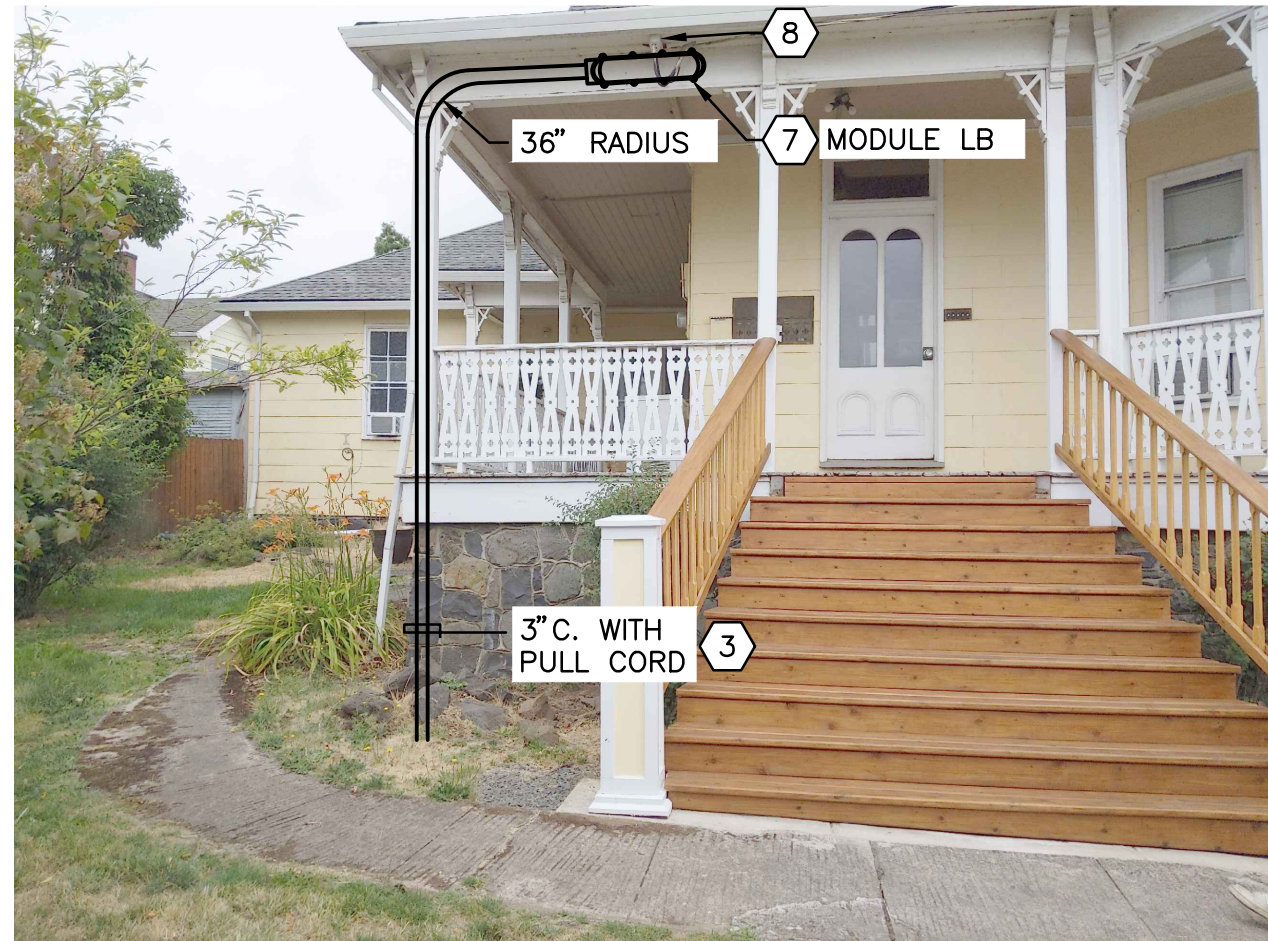
4 TYPICAL CONDUIT TRENCH
E2.3 NOT TO SCALE



5 CONDUIT TRANSITION DETAIL
E2.3 NOT TO SCALE



6 185 S 1ST ST - NORTH WALL
E2.3 NOT TO SCALE



7 175 S 1ST ST - SOUTH SIDE
E2.3 NOT TO SCALE

GENERAL NOTES

- A. EXCEPT AS NOTED, ALL SERVICE CONDUCTORS TO BE PROVIDED AND INSTALLED BY CRPUD; CONTRACTOR SHALL PROVIDED SERVICE CONDUCTORS THEY INSTALL. CONTRACTOR TO COORDINATE ALL SERVICE INSTALLATION, CUTOVERS, AND DEMO OF EXISTING OVERHEAD SERVICES WITH CRPUD.

NOTES THIS SHEET

- 1 CRPUD TO INSTALL SERVICE CONDUCTORS.
- 2 CAREFULLY DEFLECT EXISTING CABLES SO THAT NEW SERVICE CONDUIT IS INSTALLED BEHIND THEM. REPAIR ANY DAMAGED CAUSED BY INSTALLATION OF NEW SERVICE CONDUIT.
- 3 FOR ROCKY SOIL, MINIMUM COVER MAY BE REDUCED. COORDINATE WITH CRPUD.
- 4 CONTRACTOR TO FULLY RESTORE FINISHED GRADE TO MATCH AS CLOSE AS PRACTICABLE GRADE PRIOR TO DISTURBANCE.
- 5 REMOVE MOUNTING HARDWARE TO TEMPORARILY SHIFT EXISTING METER TO ALLOW INSTALL OF NEW METER BASE.
- 6 REPLACE EXISTING METER WITH NEW METER BASE.
- 7 PROVIDE AND INSTALL LB FITTING(S) WITH PROVISIONS FOR UTILITY SEAL.
- 8 ROUTE CONDUCTORS TO METER USING EXISTING CONDUIT.
- 9 INSTALL 2-IN CONDUIT WITH (3) 3/0 AWG SERVICE ENTRANCE CONDUCTORS (TWO POWER, ONE NEUTRAL). BOND METALLIC RACEWAYS, BOXES, AND ENCLOSURES USING GROUNDED CONDUCTOR, PER NEC 250.80



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ELECTRICAL SERVICE U/G - ELEVATIONS/DETAILS

TITLE		
#	DATE	DESCRIPTION
1	7/18/23	ADDENDUM NO.1
REVISIONS		
NAV/D88		
DATUM		
R&W		JLH
DRAWN BY		CHECKED BY
ADDENDUM NO.1		
STATUS		
JULY 18, 2023		
DATE		
19823 / P-525		
PROJECT NUMBER		

E2.3

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