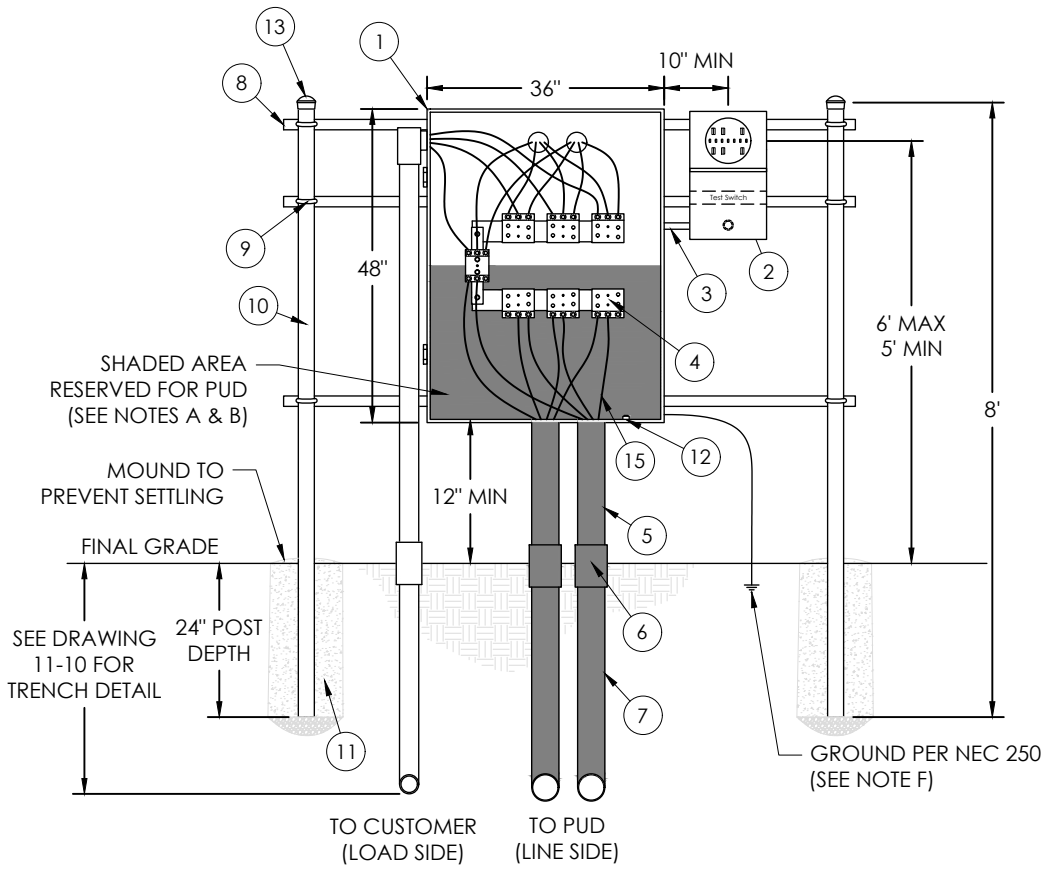

ITEM	QTY	SUPPLIER	MATERIAL DESCRIPTION
1	1	CUSTOMER	C.T. cabinet, with factory hinges and padlock hasp, 36" x 11" x 48" min
2	1	CUSTOMER	C.T. meter socket, 20A, 3R rated, with test switch provision, 13-Jaw, ring type only - see Standard 8-6 for approved list
3	1	CUSTOMER	1" min ELEC SCH40 GRAY PVC or rigid steel conduit (**NO EMT**), max 50-foot run and 270° in bends
4	1	CUSTOMER	C.T. mounting base - see drawing 8-26 for details
5	-	CUSTOMER	4" ELEC SCH40 GRAY PVC conduit - length varies
6	2	CUSTOMER	4" to 4" ELEC SCH40 GRAY PVC coupler
7	2	CUSTOMER	4" ID ELEC SCH40 GRAY PVC factory 90° elbow, 36" radius min
8	3	CUSTOMER	Unistrut or 2x6 min treated backboards - **NO PLYWOOD**
9	6	CUSTOMER	5/16" min galvanized steel U-bolt
10	2	CUSTOMER	2-3/8", 16 gauge min galv steel post - **NO EMT**
11	-	CUSTOMER	Concrete and/or gravel backfill
12	1	CUSTOMER	Ground terminal
13	2	CUSTOMER	Galv steel fence post cap
14	-	CUSTOMER	Secondary conductor (customer install)

Notes:

A. **A 48" x 48" cabinet is required if both line and load conductors enter and exit from the same side of the cabinet. See Standard 8-25 for details.**

B. Load side conductors must enter and exit on the load side of the current transformer (C.T.). Customer conductors and conduit **are not allowed** in Cowlitz PUD's termination and pull space.

C. All conduit & equipment must be plumb.

D. Verify electrical inspection sticker is present on the meter base.

E. 2500 lb mule tape must be installed in line side conduit by customer.

F. All grounding & bonding must be in accordance with NEC Article 250 & WAC 296-46B-250. Contact Washington State L&I for more information.

G. Meter base shall not be located above the C.T. cabinet nor behind the hinged door.

H. The C.T. cabinet and meter base must have a clear working space free of obstruction - see drawing 8-12 for clearance details.

STANDARDS

PUBLIC UTILITY DISTRICT NO. 1
Cowlitz County, Washington
961 12th Avenue
Longview, Washington

CONSTRUCTION STANDARDS
ELECTRICAL SERVICE REQUIREMENTS
3PHS C.T. METERING, POST MOUNT, 600V, 800A MAX

REV	DATE	DESCRIPTION
0	2/19/26	Initial release

Designed	Checked	Standards Approved	Std/Dwg No.
M. Demos	D. Tuominen		**8-27**