



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.

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	-	CUSTOMER	1" min ELEC SCH40 GRAY PVC or rigid steel conduit (NO EMT), max 50-foot run, max 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	-	CUSTOMER	4" to 4" ELEC SCH40 GRAY PVC coupler
7	-	CUSTOMER	4" ID ELEC SCH40 GRAY PVC factory 90° elbow, 36" radius min
8	1	CUSTOMER	Ground terminal
9	-	CUSTOMER	Secondary conductor (customer install)
10	-	PUD	Secondary conductor (PUD install)

	STANDARDS		CONSTRUCTION STANDARDS		REV	DATE	DESCRIPTION
	PUBLIC UTILITY DISTRICT NO. 1		ELECTRICAL SERVICE REQUIREMENTS		0	7/8/25	Initial release
	Cowlitz County, Washington 961 12th Avenue Longview, Washington		THREE PHASE C.T. METERING, 600V, 800A MAX		1	2/19/26	Updated note A
Designed M. Demos		Checked D. Tuominen		Standards Approved 		Std/Dwg No. 8-24	