



ITEM	QTY	SUPPLIER	MATERIAL DESCRIPTION	NOTES
1	1	CUSTOMER	4-Jaw meter socket, NEMA 3R, ring type - see Cowlitz PUD approved list	<p>A. Meter socket and service equipment must be NEMA type 3R or better.</p> <p>B. Cowlitz PUD will inspect type and size of meter base, conduit, elbow, and trenching.</p> <p>C. All other inspections to be made by Washington State L&amp;I.</p> <p>D. All conduit &amp; equipment must be plumb.</p> <p>E. 2500lb mule tape must be installed by customer.</p> <p>F. For an occupied dwelling, you may need an outdoor disconnect per NEC 230.85. Check with your electrician and state inspector for more information.</p> <p>G. Supports must be secure and stable with no flex.</p> <p>H. Cowlitz PUD will supply and install conductor from the transformer to the meter base.</p> <p>I. All grounding &amp; bonding shall be in accordance with NEC Article 250 &amp; WAC 296-46B-250. Contact Washington State L&amp;I for more information.</p> <p>J. All hardware must be galvanized or stainless steel.</p> <p>K. For 320A meter bases, line side conduit must enter center knockout on the bottom of the meter base.</p> <p>L. No bends are allowed in conduit riser between the underground elbow and meter base.</p>
2	1	CUSTOMER	Electrical inspection sticker (L&I)	
3	2	CUSTOMER	3" ELEC SCH40 GRAY PVC slip riser, 24" length	
4	2	CUSTOMER	3" ID ELEC SCH40 GRAY PVC conduit - length varies	
5	2	CUSTOMER	3" to 3" ELEC SCH40 GRAY PVC coupler	
6	2	CUSTOMER	3" ID ELEC SCH40 GRAY PVC factory 90° elbow - 36" radius min	
7	2	CUSTOMER	Conduit strap, 4" (for slip riser)	
8	-	CUSTOMER	Concrete and/or compacted crushed rock backfill	
9	8	CUSTOMER	5/16" min galvanized steel U-bolt	
10	1	CUSTOMER	2-3/8", 16 gauge galvanized steel post (min) - <b>NO EMT</b>	
11	4	CUSTOMER	Unistrut or <u>treated</u> 2"x6" min backboards - <b>NO PLYWOOD</b>	
12	2	CUSTOMER	Insulated bushing with grounding provision	
13	-	CUSTOMER	Load side secondary conductor (customer install)	
14	-	PUD	Line side secondary conductor (PUD install)	

	<b>STANDARDS</b> <b>PUBLIC UTILITY DISTRICT NO. 1</b> Cowlitz County, Washington 961 12th Avenue Longview, Washington	<b>CONSTRUCTION STANDARDS</b> <b>ELECTRICAL SERVICE REQUIREMENTS</b> <b>320A FREE STANDING METER</b>	REV	DATE	DESCRIPTION
			0	5/12/25	Initial release
Designed	MJD	Checked	DPT	Standards Approved	Std/Dwg No.
				<b>8-9</b>	