


ITEM	QTY	SUPPLIER	MATERIAL DESCRIPTION	NOTES
1	1	CUSTOMER	4-Jaw meter socket with 5th jaw provision, NEMA 3R, ring type only - see Cowlitz PUD approved list	A. Meter socket and service equipment must be NEMA type 3R or better.
2	1	CUSTOMER	Electrical inspection sticker (L&I)	B. Cowlitz PUD will inspect type and size of meter base, conduit, elbow, and trenching.
3	2	CUSTOMER	3" ELEC SCH40 GRAY PVC slip riser, 24" length	C. All other inspections to be made by Washington State L&I.
4	2	CUSTOMER	3" ID ELEC SCH40 GRAY PVC conduit - length varies	D. All conduit & equipment must be plumb.
5	2	CUSTOMER	3" to 3" ELEC SCH40 GRAY PVC coupler	E. For an occupied dwelling, you may need an outdoor disconnect per NEC 230.85. Check with your electrician and state inspector for more information.
6	2	CUSTOMER	3" ID ELEC SCH40 GRAY PVC factory 90° elbow - 36" radius min	F. 2500lb mule tape must be installed by customer.
7	2	CUSTOMER	Conduit strap, 4" (for slip riser)	G. Supports must be secure and stable with no flex.
8	-	CUSTOMER	Concrete and/or compacted crushed rock backfill	H. Cowlitz PUD will supply and install conductor from the transformer to the meter base.
9	-	CUSTOMER	5/16" min galvanized steel U-bolt	I. All grounding & bonding shall be in accordance with NEC Article 250 & WAC 296-46B-250. Contact Washington State L&I for more information.
10	2	CUSTOMER	2-3/8", 16 gauge galvanized steel post (min) - NO EMT	J. All hardware must be galvanized or stainless steel.
11	3	CUSTOMER	Unistrut or 2x6 min treated backboards - NO PLYWOOD	K. For 200A meter base, line side conduit must enter on a side knockout on the bottom of the meter base.
12	1	CUSTOMER	Insulated bushing with grounding provision	L. No bends are allowed in conduit riser between the underground elbow and meter base.
13	-	CUSTOMER	Load side secondary conductor (customer install)	
14	-	PUD	Line side secondary conductor (PUD install)	

 PUBLIC UTILITY DISTRICT NO. 1 Cowlitz County, Washington 961 12th Avenue Longview, Washington	STANDARDS CONSTRUCTION STANDARDS ELECTRICAL SERVICE REQUIREMENTS 200A FREE STANDING METER, OPTION 2		REV 0 DATE 5/12/25 DESCRIPTION Initial release
	Designed MJD	Checked DPT	Standards Approved 