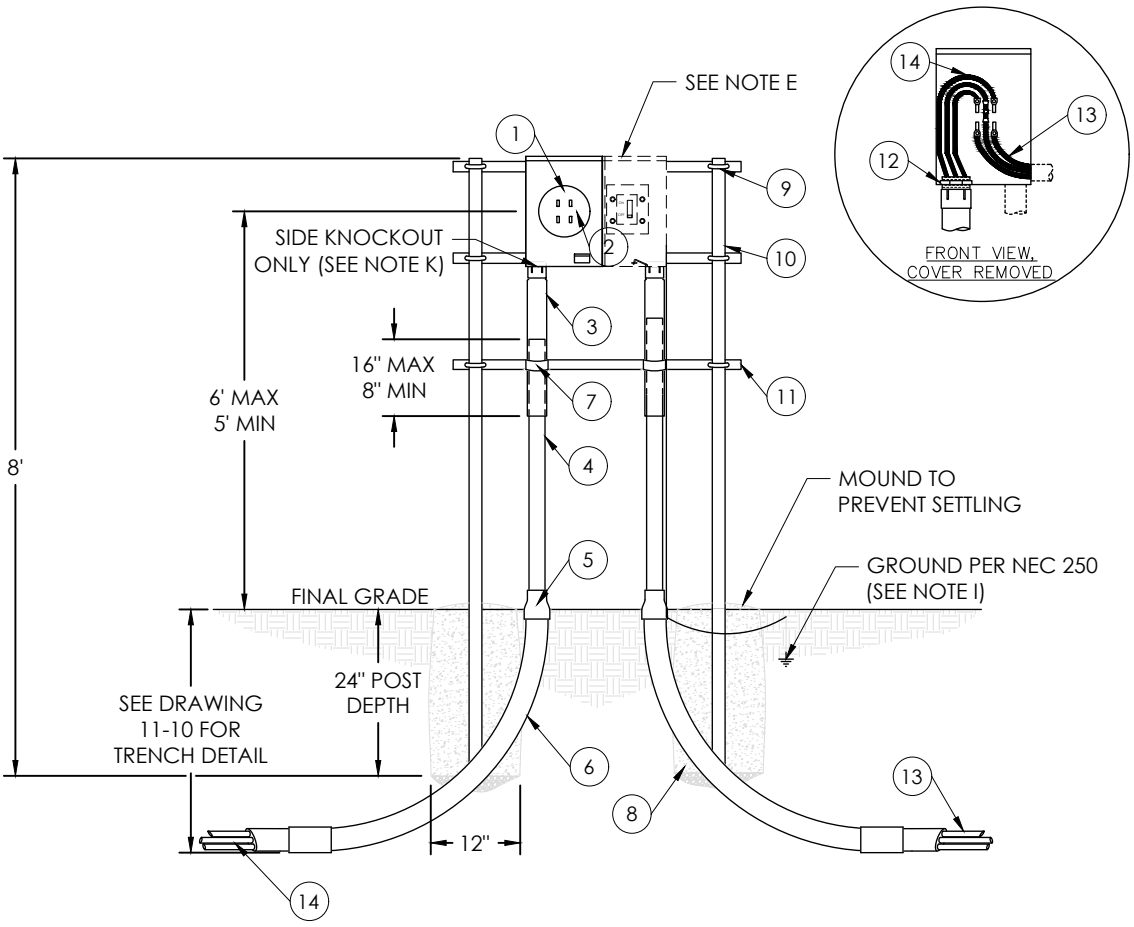

ITEM	QTY	SUPPLIER	MATERIAL DESCRIPTION
1	1	CUSTOMER	4-Jaw meter socket with 5th jaw provision, NEMA 3R, ring type only - see Cowlitz PUD approved list
2	1	CUSTOMER	Electrical inspection sticker (L&I)
3	2	CUSTOMER	2 -1/2" ELEC SCH40 GRAY PVC slip riser, 24" length
4	2	CUSTOMER	2 -1/2" ID ELEC SCH40 GRAY PVC conduit - length varies
5	2	CUSTOMER	3" to 2 -1/2" ELEC SCH40 GRAY PVC swage reducer
6	2	CUSTOMER	3" ID ELEC SCH40 GRAY PVC factory 90° elbow - 36" radius min
7	2	CUSTOMER	Conduit strap, 3-1/2" (for slip riser)
8	-	CUSTOMER	Concrete and/or compacted crushed rock backfill
9	-	CUSTOMER	5/16" min galvanized steel U-bolt
10	2	CUSTOMER	2-3/8", 16 gauge galvanized steel post (min) - **NO EMT**
11	3	CUSTOMER	Unistrut or 2x6 min treated backboards - **NO PLYWOOD**
12	1	CUSTOMER	Insulated bushing with grounding provision
13	-	CUSTOMER	Load side secondary conductor (customer install)
14	-	PUD	Line side secondary conductor (PUD install)

NOTES

A. Meter socket and service equipment must be NEMA type 3R or better.
B. Cowlitz PUD will inspect type and size of meter base, conduit, elbow, and trenching.
C. All other inspections to be made by Washington State L&I.
D. All conduit & equipment must be plumb.
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.
F. 2500lb mule tape must be installed by customer.
G. Supports must be secure and stable with no flex.
H. Cowlitz PUD will supply and install conductor from the transformer to the meter base.
I. All grounding & bonding shall be in accordance with NEC Article 250 & WAC 296-46B-250. Contact Washington State L&I for more information.
J. All hardware must be galvanized or stainless steel.
K. For 200A meter bases, line side conduit must enter a side knockout on the bottom of the meter base.
L. No bends are allowed in conduit riser between the underground elbow and meter base.

STANDARDS

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

CONSTRUCTION STANDARDS
ELECTRICAL SERVICE REQUIREMENTS
200A FREE STANDING METER, OPTION 1

REV	DATE	DESCRIPTION
0	5/12/25	Initial release

Designed	Checked	Standards Approved	Std/Dwg No.
MJD	DPT		**8-7**