



| ITEM | QTY | ITEM # | MATERIAL DESCRIPTION  | AU #   |
|------|-----|--------|---|--------|
| 1    | 1   | 585119 | Concrete vault, base and middle only, 6' X 12' X 6'-8" interior | 960115 |
| 2    | 3   | 585719 | Splice, cold-shrink, 750-1000 MCM, conc neutral                 |        |
| 3    | 6   | 815110 | Cable support stanchion, mounting bracket                       |        |
| 4    | 13  | 815115 | Cable support arm, 15", 350lb max                               |        |
| 5    | 13  | 815116 | Cross pin w/ cotter pin, for cable support arm                  |        |
| 6    | 6'  | 606208 | 2/0 Cu, 19-strand, soft-drawn, bare                             |        |
| 7    | 1   | 808617 | Grounding insert, bronze, 1/2" stud, #8 - 2/0 str               |        |
| 8    | 3   | 155155 | Fargo connector, bronze, 2/0 max                                |        |
| 9    | 12  | 815011 | Spring nut, 1-1/2" channel depth, 1/2" hole                     |        |
| 10   | 12  | 801510 | Lock washer, 1/2", SS   |        |
| 11   | 12  | 801535 | Hex head bolt, 1/2" x 1-1/2", SS                                |        |
| 12   | 24  | 808657 | Cable tie, black, heavy duty, 1/2" x 19"                        |        |
| 13   | 1   | 585117 | Vault lid, 3-door, 12'-8" x 6'-8" x 1'-6"                       |        |
| 14   | 6   | 444164 | Reducer, 6" to 4", SCH 40 PVC                                   |        |

Notes:

- A. For other conduit orientations, adjust cable support arms as needed.
- B. The cable should be routed so that it makes a full loop around the vault on either side of the splice.
- C. Set vault so that the top of the lid sits 2" - 6" above final grade.
- D. Neutral must be bonded across splice to ensure grounding on both sides.
- E. Bond neutral to vault ground.

|          |   |                    |                                 |         |                                 |
|----------|---|--------------------|---------------------------------|---------|---------------------------------|
|          | <b>STANDARDS</b>  |                    | <b>CONSTRUCTION STANDARDS</b>   |         |                                 |
|          | PUBLIC UTILITY DISTRICT NO. 1   |                    | THREE-PHASE UNDERGROUND PRIMARY |         |                                 |
|          | Cowlitz County, Washington<br>961 12th Avenue<br>Longview, Washington |                    | 1000 MCM SPLICE VAULT           |         |                                 |
| Designed | Checked   | Standards Approved | REV                             | DATE    | DESCRIPTION                     |
| M. Demos | D. Tuominen   |                    | 0                               | 5/8/25  | Initial release                 |
|          |   |                    | 1                               | 1/22/26 | Added note and 4" to 6" reducer |
|          |   |                    | Std/Dwg No.                     |         |                                 |
|          |   |                    | <b>6-100</b>                    |         |                                 |