





COMMERCIAL SWITCHBOARD METERING,
COMBINATON C.T. & DIRECT CONNECT,
FLOOR-MOUNTED, 400 - 3000A, 600V MAX

NOTES

- A. All removable panels and covers to compartments must be sealable.
- B. Metering conductors shall not pass through adjacent metering compartments except in enclosed wireways.
- C. The switchboard installation must be EUSERC 345 compliant. See Standards 8-110 and 8-90 for more information.
- D. A main disconnect is required when more than 6 services are connected per NEC 230.71. When fewer than 6 services are connected, an outdoor disconnect may still be required per NEC 230.85. Contact WA state L&I for more information.
- E. For 4-wire delta services, the high (power) leg shall be identified by orange tape on the right side of the test blocks. This marking must be continuous throughout the equipment for all metering and service termination points.
- F. EUSERC 306 compliant meter compartments are required for direct connect meter sockets in switchboards, see Standard 8-130 for details.
- G. EUSERC 322 compliant current transformer (C.T.) compartments are required for C.T. services 1001 - 3000 A, see Standard 8-140 for details. EUSERC 320 compliant C.T. compartments are required for services 1000 A and below, see Standard 8-150 for details.
- H. Each meter panel in a multi-unit metering section shall have a permanently engraved metal or hard plastic label with a minimum 3/8" high letters to identify the unit service address. A permanent lettered or numbered address must be placed on each corresponding main door entrance before power is connected if permanent door and siding has already been installed. Otherwise, clearly identified temporary lettering or numbers must identify each unit.
- I. All outdoor enclosures shall be installed on a level concrete pad. See Standard 8-170 for details. Indoor installations shall be installed on finished floor with proper clearances, see Standard 8-70 for details.
- J. Services greater than 3000 A are approved by exception only, contact Cowlitz PUD Engineering for more information.
- K. Electrical inspection sticker (L & I) must be displayed on service equipment.

STANDARDS  PUBLIC UTILITY DISTRICT NO. 1 <small>Cowlitz County, Washington 961 12th Avenue Longview, Washington</small>	CONSTRUCTION STANDARDS ELECTRICAL SERVICE REQUIREMENTS SWITCHBOARD METERING, 400 - 3000 A		<table border="1"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>2/23/26</td> <td>Initial release</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	REV	DATE	DESCRIPTION	0	2/23/26	Initial release						
	REV	DATE	DESCRIPTION												
0	2/23/26	Initial release													
<table border="1"> <tr> <td>Designed M. Demos</td> <td>Checked D. Tuominen</td> <td>Standards Approved </td> <td>Std/Dwg No. 8-120</td> </tr> </table>	Designed M. Demos	Checked D. Tuominen	Standards Approved 	Std/Dwg No. 8-120											
Designed M. Demos	Checked D. Tuominen	Standards Approved 	Std/Dwg No. 8-120												