LIGHTING POLE-MOUNTED PANEL
GENERAL MOUNTING

NOT TO SCALE

NOTES:
1. ALL INSIDE EDGES SHALL BE ADEQUATELY CHASED TO PROVIDE A SMOOTH WIRE ENTRANCE AND ALL ENTRANCES SHALL BE WATER TIGHT.
2. ALUMINUM POLES: USE STAINLESS STEEL STRAPS WITH MOUNTING BOLTS.

SERVICE CABINET:
1. UL LISTED AND LABELED FOR USE AS SERVICE EQUIPMENT, ENCLOSURE TO BE RAIN-TIGHT. NEMA TYPE 3R.
2. CABINET MOUNTING:
   1. STEEL: DRILL & TAP FOR .375" HEX CAP SCREWS-2 PER BRACKET.
   2. ALUMINUM: SAME AS STEEL, WITH THE ADDITION OF .75" STAINLESS STEEL STRAP-1 PER BRACKET.
   3. ALL MOUNTING HARDWARE TO BE STAINLESS STEEL.
   4. ALL OPENINGS CUT IN STEEL POLES TO HAVE APPROVED, COLD GALVANIZING APPLICATION PRIOR TO FITTINGS INSTALLATION.

EXPLODED VIEW MOUNTING DETAIL

PANEL MOUNTING BRACKET
0.375" FLAT WASHER
0.375" HEX CAP SCREW
STAINLESS STEEL STRAP

WATERTIGHT LOCKNUT
GROUNDING BUSHING
GROUNDING LUG

HOLESIZE TO ACCOMODATE CLOSE NIPPLE
WATERTIGHT LOCKNUT
CLOSE NIPPLE
PLASTIC OR FIBER BUSHING

CONTROL CABINET

PANEL MOUNTING BRACKET
0.375" FLAT WASHER

COUPLING
45 OR 90 DEGREE

WATERTIGHT FLEX

LOCKNUT

STANDARD LOCKNUT
PLASTIC-FIBER BUSHING
WATERTIGHT FLEX
SERVICE CONDUIT POLE

0.375" HEX CAP SCREW
STAINLESS STEEL STRAP

BUREAU OF TRANSPORTATION
CITY OF PORTLAND, OREGON

Standard Drawing Title
STREET LIGHTING POLE-MOUNTED PANEL DETAILS

Effective Date: 03-22-12

Note: All material and workmanship shall be in accordance with the City of Portland Standard Construction Specifications.