



ANCHOR BOLTS :

- A1.- (4) ASTM F1554 GR 36 ANCHOR BOLTS PER SPECIFICATIONS
- A2.- BOLT CIRCLE DIAMETER TO MATCH POLE BASEPLATE
- A3.- ANCHOR BOLTS SHALL HAVE HEADS, OR NUTS WITH THE THREADS STAKED AT TWO PLACES BELOW THE NUT, EMBEDDED IN FOUNDATION.
- A4.- ANCHOR BOLTS SHALL BE 1" DIAMETER, 39" LONG WITH 33" EMBEDMENT IN CONCRETE.
- A5.- BOLT PROJECTION AS RECOMMENDED BY THE MANUFACTURER.

CONDUIT :

- C1.- CONDUIT SHALL BE RGS IN CONCRETE WITH 6" MINIMUM STUB-OUT.
- C2.- SERVICE AND FEED CONDUITS SHALL BE RGS OR PVC, AS REQUIRED.
- C3.- STUB UP TO WITHIN 4" FROM HAND HOLE.

GROUND ROD :

- G1. GROUND ROD SHALL BE MINIMUM 0.625" DIA. X 8 FT LONG, COPPER CLAD.

FOUNDATION :

- F1.- THERE SHALL BE A MINIMUM OF 17" FOUNDATION BELOW THE ANCHOR BOLT HEADS.
- F2.- THE FOUNDATION SHALL CURE A MINIMUM OF FOURTEEN (14) DAYS PRIOR TO POLE INSTALLATION OR TORQUING OF THE ANCHOR BOLTS.
- F3.- FILL SPACE BETWEEN TOP OF FOUNDATION AND THE LEVEL OF THE SIDEWALK WITH SAND AND CONCRETE AFTER FINAL POLE RAKING, ATTACHING GROUND CONNECTION TO THE POLE. INSTALL PAVERS.

REINFORCEMENT :

- R1.- VERTICAL REBAR SHALL BE 7-#6 EQUALLY SPACED INSIDE OF HOOPS.
- R2.- HOOPS SHALL BE #4 X 18" O.D., SPACED 4" O/C FROM TOP OF FOUNDATION TO END OF ANCHOR BOLTS.
- R3.- HOOPS SHALL BE #4 X 18" O.D., SPACED 12" MIN. FROM THE ANCHOR BOLTS TO BOTTOM OF FOUNDATION.

SOUTH WATERFRONT CAST IN PLACE STREET LIGHT POLE FOOTING

NOT TO SCALE

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user.

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

BUREAU OF TRANSPORTATION
CITY OF PORTLAND, OREGON
Steve Tomlin
Chief Engineer

Standard Drawing Title

STREET LIGHTING
CAST-IN-PLACE STREET LIGHT
POLE FOOTING

Effective Date: 05-10-12

Calc. Book No.:

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Standard Drawing No.

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