

TYPE A: 8-#7 BARS (TYP)
 TYPE B: 8-#8 BARS (TYP)
 EVENLY SPACED

CENTER THE CONDUIT
 IN THE FOUNDATION

#4 SPIRAL - MAX 9" SPACING

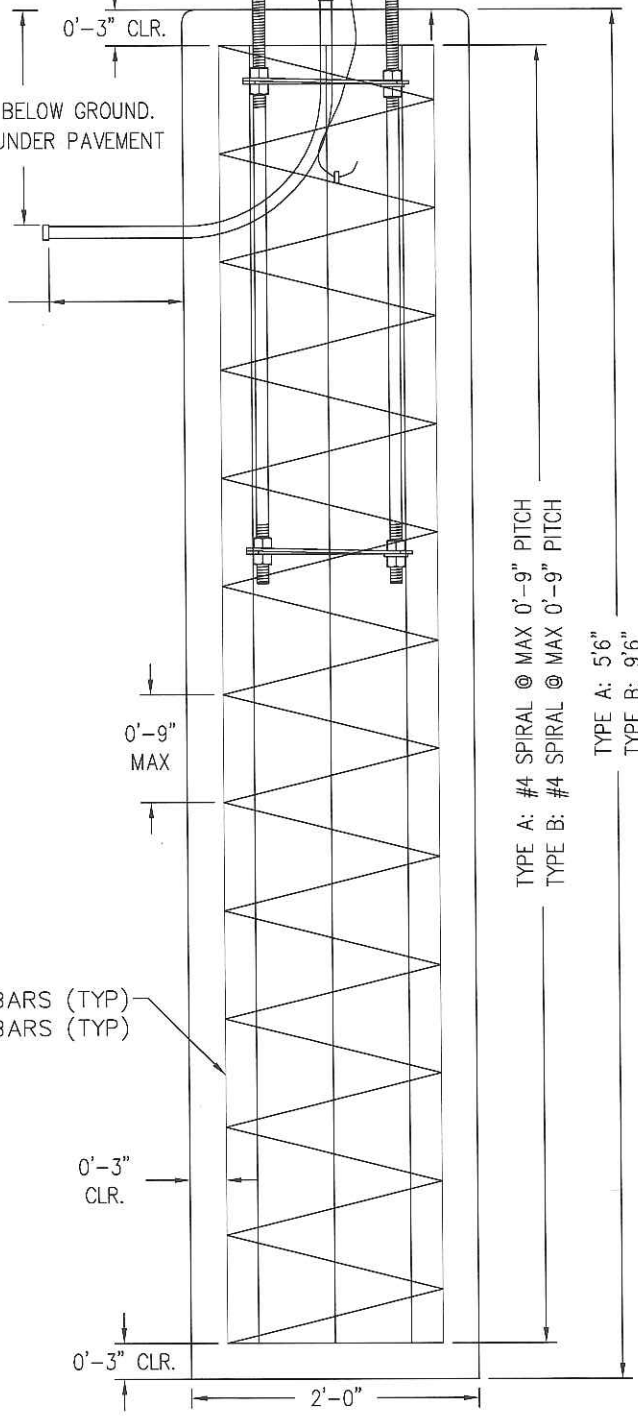
THE NUMBER AND SPACING
 OF ANCHOR BOLTS TO MATCH
 POLE BASE PLATE

GROUNDING CONDUCTOR (TYP.)
 NON-INSULATED #4 AWG STRANDED
 COPPER. CLAMP TO STEEL REINFORCING
 BAR WITH LISTED CONNECTOR SUITABLE
 FOR USE EMBEDDED IN CONCRETE.
 PROVIDE 3" MIN. SLACK WHEN CONNECTED
 TO STREET LIGHT GROUNDING STUD.

1" DIAM. CONDUIT
 5 1/4" OR PER
 POLE MANUFACTURER

1'-6" MIN. BELOW GROUND.
 2'-0" MIN. UNDER PAVEMENT

EXTEND CONDUIT
 6" MIN. BEYOND
 THE FOUNDATION
 OR CDF BACKFILL



0'-9"
 MAX

0'-3"
 CLR.

0'-3" CLR.

TYPE A: 8-#7 BARS (TYP)
 TYPE B: 8-#8 BARS (TYP)

TYPE A: #4 SPIRAL @ MAX 0'-9" PITCH
 TYPE B: #4 SPIRAL @ MAX 0'-9" PITCH
 TYPE A: 5'6"
 TYPE B: 9'6"

- NOTES:**
- USE STREET LIGHT STANDARD FOUNDATION TYPE A ON LEVEL GROUND OR ON SLOPES NOT EXCEEDING 4H:1V. USE TYPE B FOR SLOPES STEEPER THAN 4H:1V, BUT NOT EXCEEDING 2H:1V. SLOPES STEEPER THAN 2H:1V SHALL REQUIRE A SPECIAL DESIGN. REFER TO WSDOT STANDARD PLAN J-28.30-01, SHEET 2 OF 2, FOR DETAILS REGARDING INSTALLATION ON SLOPES.
 - THESE FOUNDATIONS ARE DESIGNED FOR A MINIMUM OF 1,000 PSF ALLOWABLE LATERAL BEARING PRESSURE FOR THE SOIL. A SPECIAL FOUNDATION SHALL BE REQUIRED FOR SOIL WITH LOWER ALLOWABLE LATERAL BEARING PRESSURE THAN 1,000 PSF.
 - THE STREET LIGHT POLE HEIGHT SHALL NOT EXCEED 50'.
 - EXPOSED PORTIONS OF THE FOUNDATION SHALL BE FORMED TO CREATE A CLASS 2 FINISH.
 - CONCRETE SHALL BE CLASS 3000.
 - THE FOUNDATION SHALL BE GROUNDED IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATION SECTION 8-20.3(4).

Approved: *[Signature]* 5-16-11
 City Engineer Date
2' DIAM. STREET LIGHT FOUNDATION DETAIL



Dwg No: **IL1**
2' DIAMETER STREET LIGHT FOUNDATION