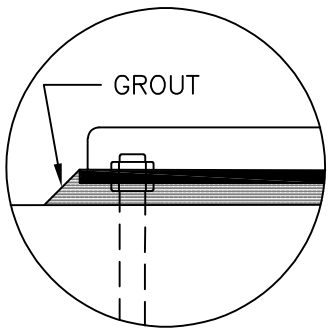


### ANCHOR BOLTS:

- A1.— ANCHOR BOLTS SHALL BE 4 – DIAMETER AS GIVEN BY POLE MANUFACTURER.
- A2.— BOLT CIRCLE DIAMETER TO MATCH POLE BASE PLATE.
- 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 EMBEDDED 33" MINIMUM, IN CONCRETE. (SEE NOTE R2).
- A5.— BOLT PROJECTION SHALL BE 5" ABOVE SIDEWALK FINISH GRADE OR LANDSCAPED AREAS WHERE THERE IS NO SIDEWALK PRESENT.
- A6.— ANCHOR BOLT TOTAL LENGTH SHALL EQUAL A4 PLUS DISTANCE FROM TOP OF FOUNDATION TO TOP OF SIDEWALK PLUS A5.



DOUBLE NUT EACH ANCHOR BOLT (LEVEL PLATE AND FILL SPACE WITH GROUT. PROVIDE 1/2-INCH DIAMETER DRAIN HOLE.)

### GROUND ROD:

- G1.— MINIMUM 5" EXPOSURE AT TOP OF FOUNDATION, WITHIN BOLT CIRCLE.
- G2.— GROUND ROD SHALL BE MINIMUM 5/8" DIA. X 8 FT LONG, COPPER CLAD.

### CONDUIT:

- C1.— CONDUIT SHALL BE RIGID STEEL, GALVANIZED, INSIDE THE FOUNDATION, WITH 6" MINIMUM STUB-OUT.
- C2.— SERVICE AND FEED CONDUITS SHALL BE RSGC OR PVC, AS REQUIRED.
- C3.— STUB UP TO WITHIN 4" FROM HAND HOLE.

36" MINIMUM BURIAL  
42" MAXIMUM BURIAL

CONNECTOR

### REINFORCEMENT:

- R1.— VERTICAL REBAR SHALL BE 7-#6 EQUALLY SPACED INSIDE OF HOOPS.
- R2.— VERTICAL REBAR MAY BE 6-#6 IF ANCHOR BOLTS ARE EMBEDDED TO 45" MINIMUM.
- R3.— HOOPS SHALL BE #4 X 18" I.D., SPACED 4" O/C FROM TOP OF FOUNDATION TO END OF ANCHOR BOLTS.
- R4.— HOOPS SHALL BE #4 X 18" I.D., SPACED 12" MINIMUM FROM THE ANCHOR BOLTS TO BOTTOM OF FOUNDATION.
- R5.— REBAR SHALL BE 3 INCHES BELOW FINISH GRADE OF SIDEWALK.

POUR FOOTING AGAINST UNDISTURBED MATERIAL

### FOUNDATION:

- F1.— WHEN CASTING THE LUMINAIRE POLE BASE, STOP THE FOUNDATION POUR 5.5 INCHES TO 6 INCHES BELOW SIDEWALK FINISH GRADE WHILE MAINTAINING THE CORRECT ANCHOR BOLT LOCATIONS AND ELEVATIONS.
- F2.— THE FOUNDATION SHALL CURE A MINIMUM OF FOURTEEN (14) DAYS PRIOR TO POLE INSTALLATION OR TORQUING OF THE ANCHOR BOLTS.
- F3.— FOUNDATION DEPTH: 50 INCHES (MINIMUM)
- F4.— THERE SHALL BE A MINIMUM OF 17" FOUNDATION BELOW THE ANCHOR BOLT HEADS.



Public Works Standard Drawings

## 24" CAST-IN-PLACE DECORATIVE LUMINAIRE POLE FOUNDATION

SCALE NTS

DATE JAN '23 REV.

ENGR. DW DRAWN KAE

DRAWING NO. 536B