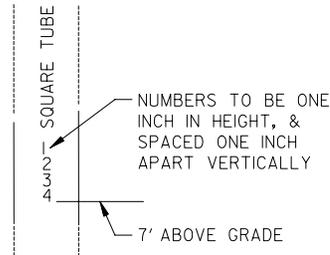
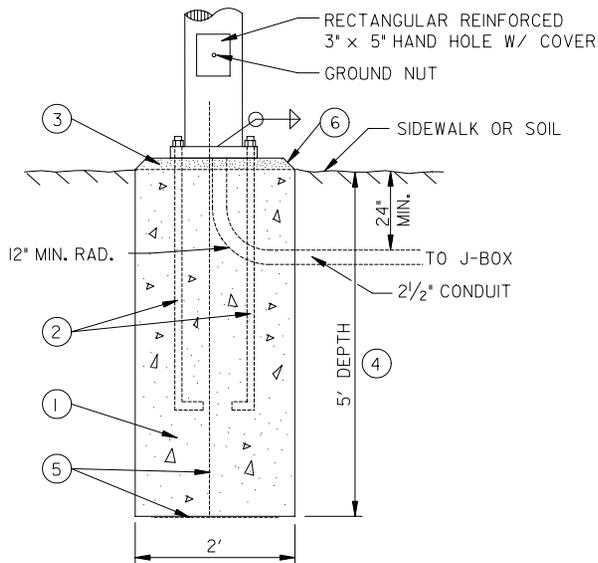


BASE PLATE SECTION



POLE NUMBER LOCATIONS



FOUNDATION SECTION

GENERAL NOTES

1. POLES ARE TO BE DESIGNED PER A.A.S.H.T.O. - 80 SPECIFICATIONS.
2. ALL TUBING IS TO BE A.S.T.M. A500 GRADE B (46,000 P.S.I. MIN. YIELD).
3. ACCEPTED POLE MANUFACTURER:  
CEM-TEC CORPORATION OR APPROVED EQUAL.
4. ACCEPTED LUMINAIRE MANUFACTURER:  
AMERICAN ELECTRIC SERIES 153/154 OR G.E. DECASHIELD III, II  
OR APPROVED EQUAL.
5. FOR PAINT SPECIFICATIONS SEE TEMPE STREET LIGHTING  
SPECIFICATION T-101.2.

FOUNDATION NOTES

1. 3000 P.S.I. CLASS A CONCRETE PLACED NEXT TO  
UNDISTURBED EARTH.
2. 4 - 7/8" x 36" GALVANIZED ANCHOR BOLTS WITH LEVELING  
NUTS & WASHERS. TACK WELD NUTS TO WASHERS AND WASHERS  
TO BASE PLATE AFTER TIGHTENING. (2 1/2" PROJECTION)
3. 1 1/2" THICK EMBECO GROUT #636 OR APPROVED EQUAL.
4. UNSTABLE SOILS, AND/OR POLE HEIGHTS OVER 40', SHALL  
REQUIRE SPECIAL ENGINEERING.
5. A 25' COIL OF NO. 4 STRANDED A.W.G. BARE COPPER CONDUCTOR SHALL  
BE INSTALLED BEFORE THE CONCRETE IS Poured. IT SHALL BE  
CONNECTED TO POLE GROUNDING SCREW IN THE BASE OF THE POLE.
6. ALL FINISHED POLE FOUNDATIONS SHALL BE CHAMFERED, AND  
AT SIDEWALK GRADE UNLESS OTHERWISE NOTED.
7. THIS FOUNDATION MAY ALSO BE USED FOR DUAL MAST ARM POLES.

APPROVED: \_\_\_\_\_ DATE \_\_\_\_\_  
DEPUTY PUBLIC WORKS MANAGER  
CITY ENGINEER

APPROVED: \_\_\_\_\_ DATE \_\_\_\_\_  
TRAFFIC ENGINEER