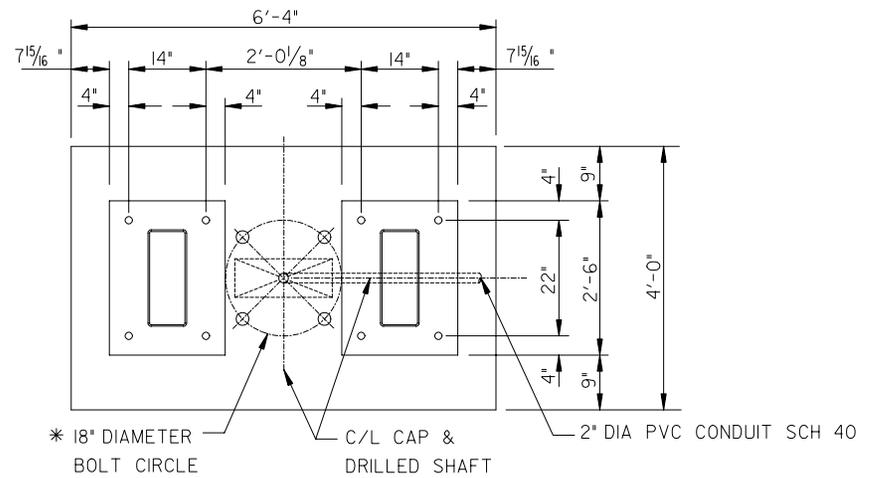


ANCHOR BOLT LAYOUT PLAN

N.T.S.



BASE PLATE LAYOUT PLAN

N.T.S.

*BOLTS FOR INTERIM SIGNAL ERECTION
MAY BE DELETED AT ENGINEER'S DIRECTION.

GENERAL NOTES

1. MINIMUM SOIL REQUIREMENTS:
THIS FOUNDATION DESIGN IS BASED ON SOILS ABLE TO DEVELOP THE FOLLOWING VALUES FOR CONCRETE FILLED DRILLED IN PLACE PIERS. SKIN FRICTION AT 500 LBS/SQ. FT., LATERAL BEARING PRESSURE = 200 LBS/SQ. FT. PER FOOT OF DEPTH.
2. EXISTING SOIL CONDITIONS TO BE DETERMINED PRIOR TO FINAL FOUNDATION DESIGN.
3. CONCRETE f'_c 4000 P.S.I. AT 28 DAYS.
4. REBAR ASTM-A615 GRADE 60.
5. EMBEDDED PLATES ASTM A-36.
6. ANCHOR BOLTS - A-36 FULLY GALVANIZED (ASTM 123)
7. A 25' COIL OF NO. 4 STRANDED A.W.G. BARE COPPER CONDUCTOR SHALL BE INSTALLED BEFORE THE CONCRETE IS POURED.
8. THESE DETAILS TO BE USED WITH CITY OF TEMPE TRAFFIC STANDARDS. SEE COT DETAILS T-550 & T-551 FOR ADDITIONAL INFORMATION.

APPROVED: _____ DATE _____
DEPUTY PUBLIC WORKS MANAGER
CITY ENGINEER

APPROVED: _____ DATE _____
TRAFFIC ENGINEER



CITY OF TEMPE
PUBLIC WORKS DEPARTMENT

TRAFFIC SIGNAL FOUNDATION DETAIL
FOR MODULAR 45 MAST ARM STRUCTURE

ASSEMBLY DRAWING ONLY
SPECS AND DESIGN BY
T.A. CAID INDUSTRIES, INC
TUCSON, AZ

DETAIL T-572
SHEET 1 OF 2
REVISED 2007