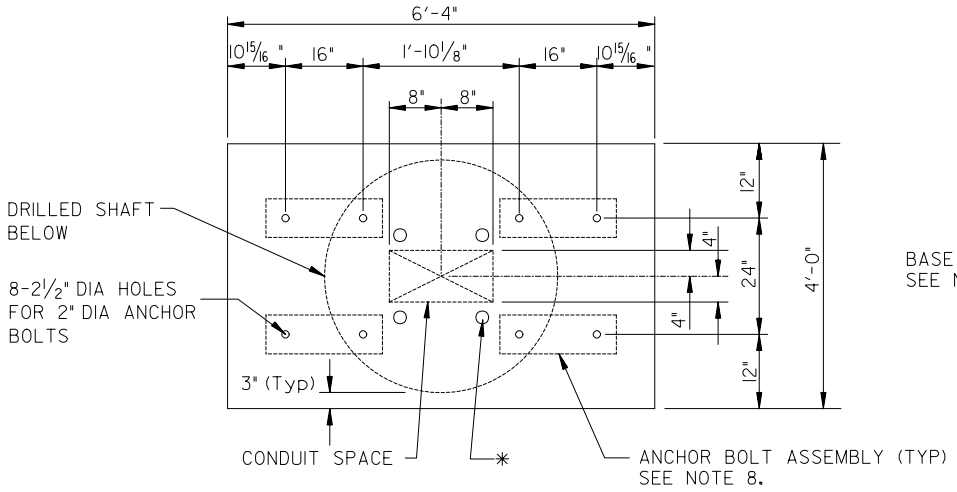
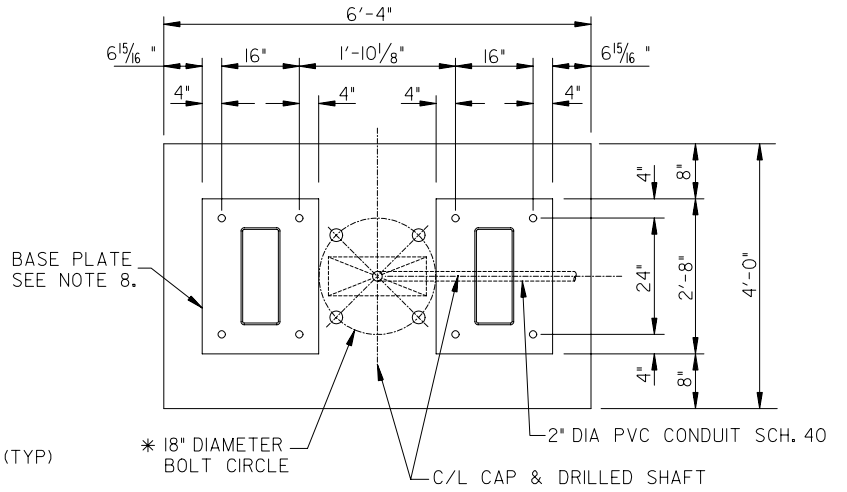


ANCHOR BOLT LAYOUT PLAN

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 615 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 DETAIL T-548 FOR ADDITIONAL INFORMATION.

APPROVED: _____ _____
DEPUTY PUBLIC WORKS MANAGER
CITY ENGINEER — DATE

APPROVED: _____ _____
TRAFFIC ENGINEER — DATE

CITY OF TEMPE PUBLIC WORKS DEPARTMENT	TRAFFIC SIGNAL FOUNDATION DETAIL FOR MODULAR 50 MAST ARM STRUCTURE	ASSEMBLY DRAWING ONLY SPECS AND DESIGN BY T.A. CAID INDUSTRIES, INC TUCSON, AZ	DETAIL T-573 SHEET 1 OF 2 REVISED 2007