

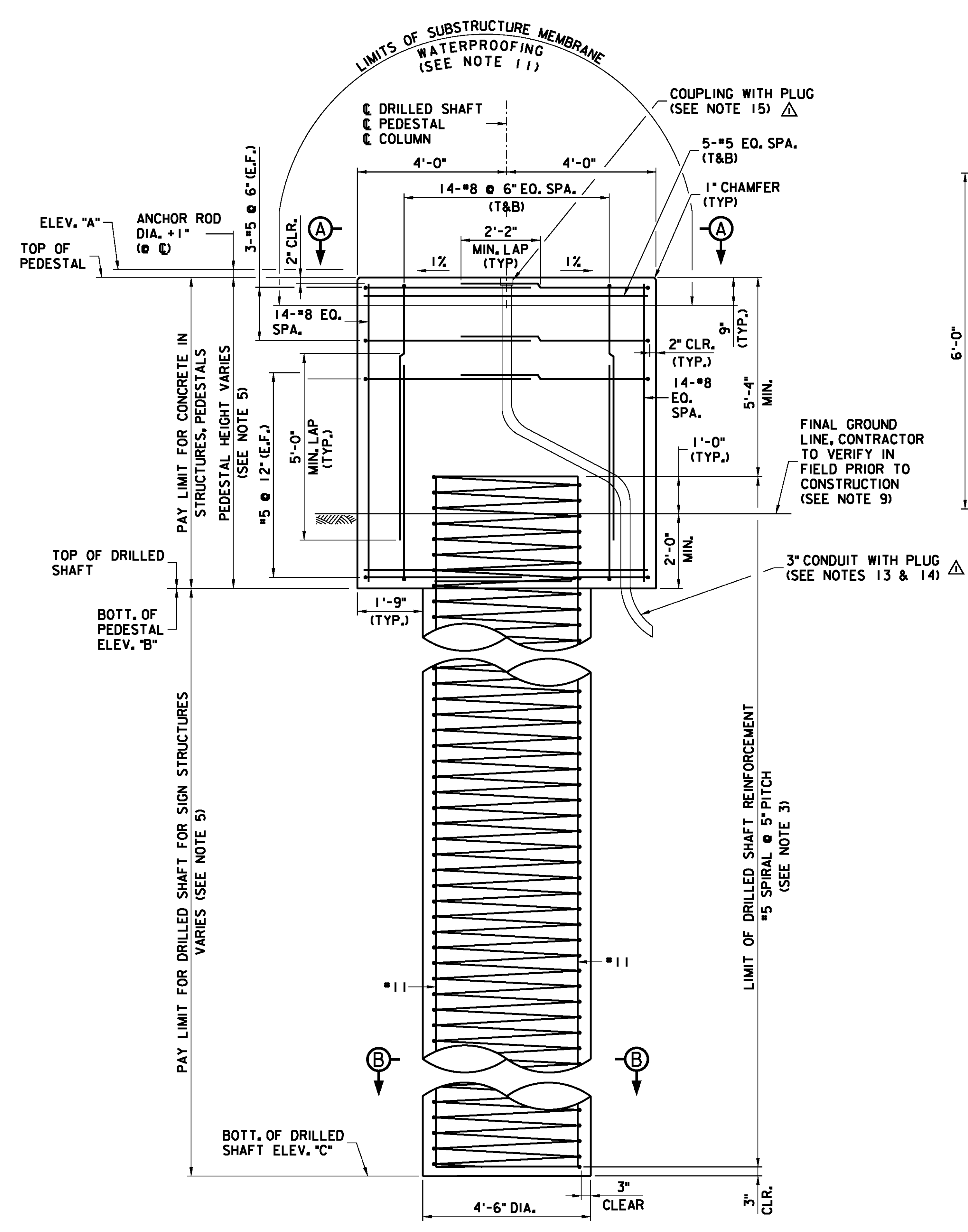
### CANTILEVER SIGN STRUCTURE FOUNDATION ELEVATION TABLE

STRUCTURE DESIGNATION	ELEVATION "A"	ELEVATION "B"	ELEVATION "C"
MP			
MP			
MP			

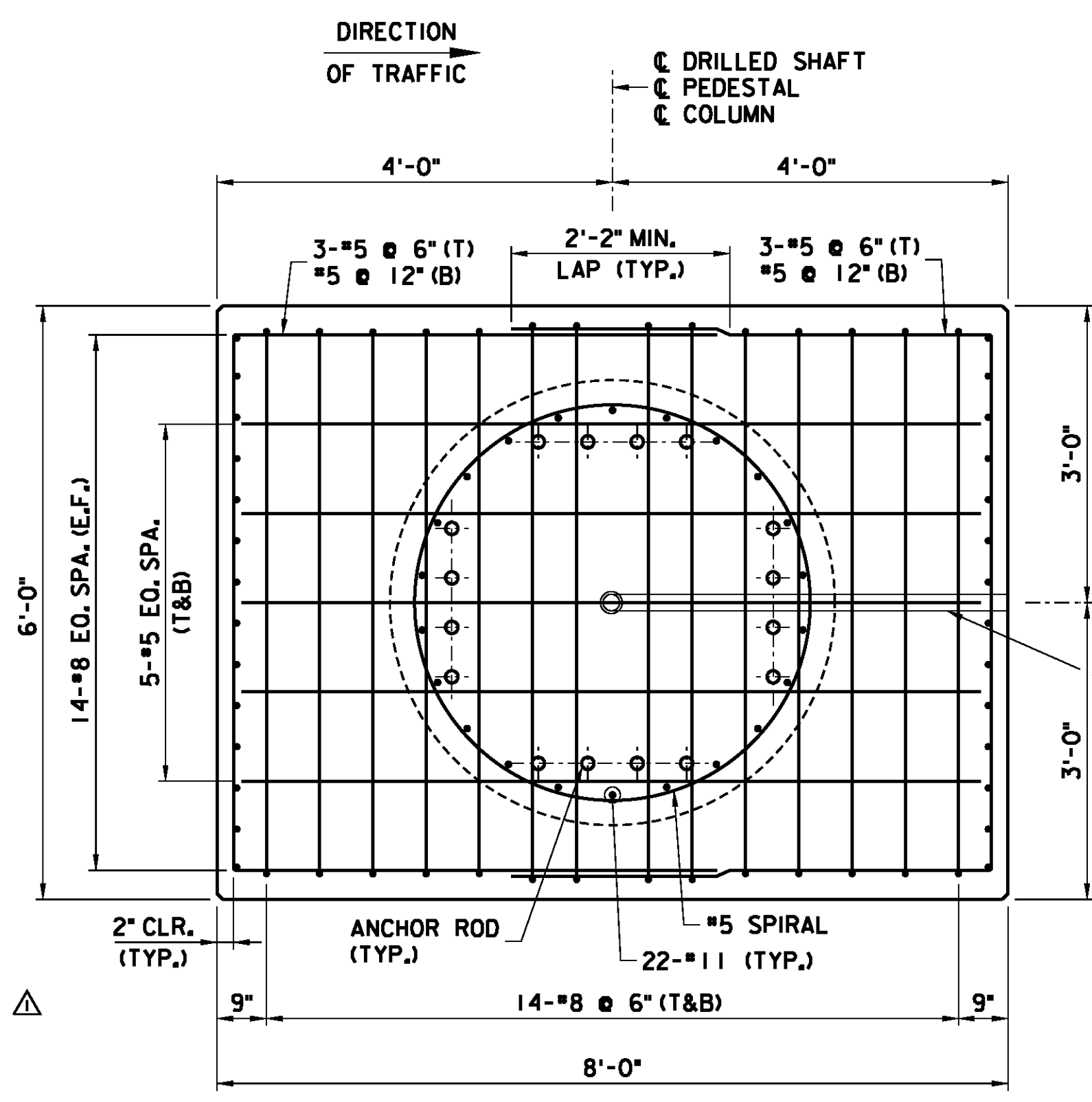
NOTE TO DESIGNER: THIS IS A SAMPLE TABLE. THE ENGINEER OF RECORD SHALL BE RESPONSIBLE FOR FURNISHING THIS OR SIMILAR TABLE ON THE FINAL CONTRACT DRAWINGS

#### NOTES:

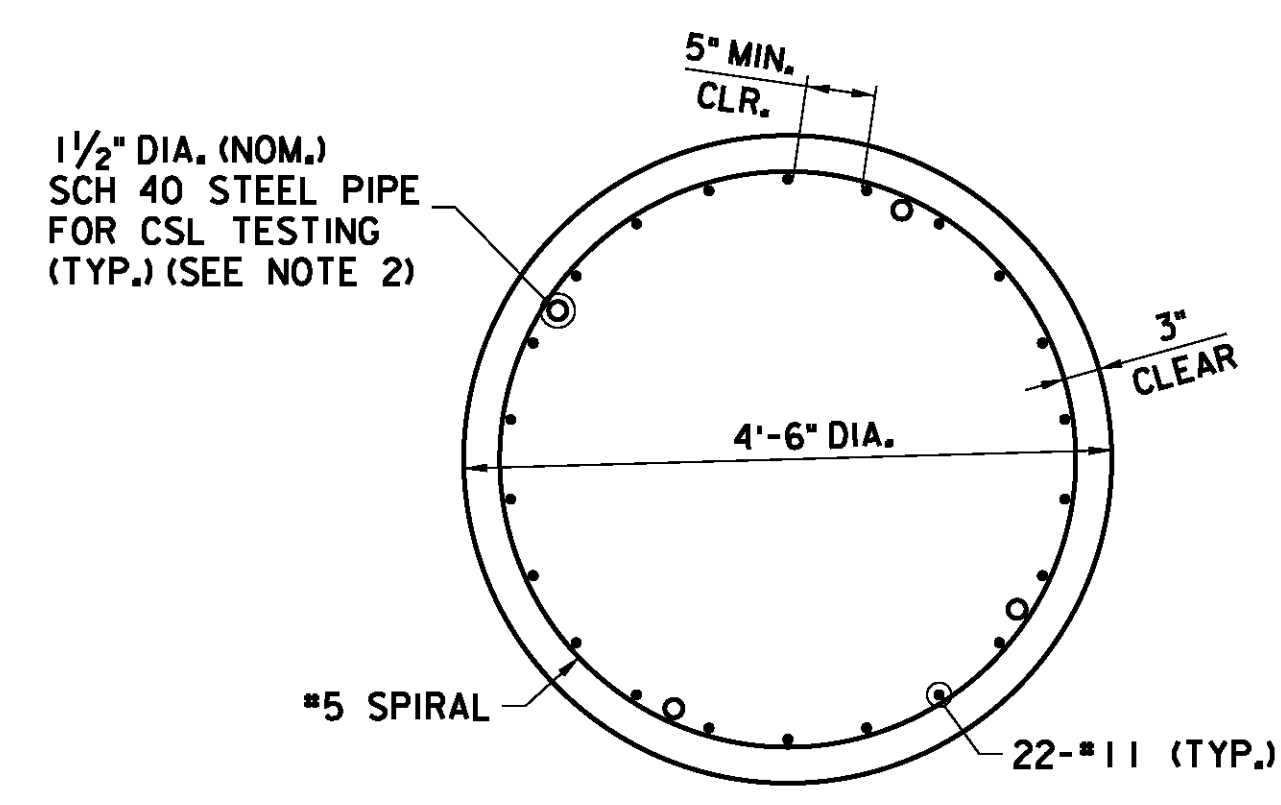
- SEE SPECIFICATIONS FOR SIGN SUPPORT STRUCTURES FABRICATION AND ERECTION PROVISIONS.
- DRILLED SHAFTS FOR SIGN STRUCTURES SHALL CONFORM TO THE DRILLED SHAFT FOR SIGN STRUCTURES SPECIFICATION AS PER THE STANDARD SUPPLEMENTARY SPECIFICATIONS.
- REINFORCEMENT STEEL IN DRILLED SHAFT, INCLUDING EXTENSIONS INTO PEDESTAL, SHALL BE PAID FOR UNDER THE ITEM "DRILLED SHAFTS FOR SIGN STRUCTURES".
- REINFORCEMENT STEEL IN THE PEDESTAL SHALL BE PAID FOR UNDER THE ITEM "REINFORCEMENT STEEL IN STRUCTURES, EPOXY COATED".
- FOR TABULAR ELEVATIONS OF PEDESTALS AND DRILLED SHAFTS, SEE CONTRACT PLANS.
- ELEVATION "A" (UNDERSIDE OF STRUCTURE BASE PLATE) TO BE SET 4'-0" ABOVE THE HIGHEST POINT OF THE ROADWAY.
- BAR CLEARANCE IN THE PEDESTAL SHALL BE 2" MIN. AND IN THE DRILLED SHAFT SHALL BE 3" MIN.
- CONCRETE IN PEDESTAL SHALL BE CLASS B<sub>1</sub> CONCRETE IN DRILLED SHAFT SHALL BE AS SPECIFIED IN THE CONTRACT PLAN GENERAL NOTES.
- COST FOR FOUNDATION EXCAVATION AND BACKFILL GRADING FOR THE CONCRETE SIGN STRUCTURE PEDESTAL SHALL BE INCLUDED IN THE APPROPRIATE BID PRICE FOR CONCRETE IN STRUCTURES, PEDESTALS.
- THE DRILLED SHAFT DIAMETER SHOWN ON THIS STANDARD DRAWING IS REPRESENTATIVE OF TYPICAL CANTILEVER SIGN STRUCTURE FOUNDATION. LARGER DRILLED SHAFT DIAMETER AND PEDESTAL MAY BE REQUIRED AS DICTATED BY LOCAL CONDITIONS. IT IS THE RESPONSIBILITY OF THE DESIGN ENGINEER TO DESIGN THE PEDESTAL, DRILLED SHAFT DIAMETER, DEPTH AND REINFORCEMENT.
- PAYMENT FOR SUBSTRUCTURE MEMBRANE WATERPROOFING FOR TOP OF PEDESTAL SHALL BE CONSIDERED INCIDENTAL TO THE CONCRETE IN STRUCTURES, PEDESTALS PAY ITEM. NO ADDITIONAL PAYMENT WILL BE MADE.
- PEDESTAL REBARS MAY BE ADJUSTED IN THE FIELD TO CLEAR INTERFERENCE WITH ANCHOR RODS, DRILLED SHAFT REBARS AND/OR ANCHORAGE PLATES.
- CONTRACTOR SHALL PROVIDE JUNCTION BOX TYPE C ADJACENT TO THE SIGN STRUCTURE PEDESTAL. THE JUNCTION BOX SHALL BE APPROXIMATELY 10 FEET FROM PEDESTAL IN THE DIRECTION OF TRAFFIC, LOCATED ALONG OUTSIDE SHOULDER, SEE STANDARD DRAWING SI-42.
- 3" ELECTRICAL CONDUIT EXITS PEDESTAL 24" BELOW GRADE AND CONNECTS TO THE ADJACENT JUNCTION BOX. CONDUITS SHALL BE INSTALLED WITH BUSHINGS AND PLUGGED TO PROTECT THE THREADS.
- SEE ITS DRAWINGS FOR ADDITIONAL DETAILS.



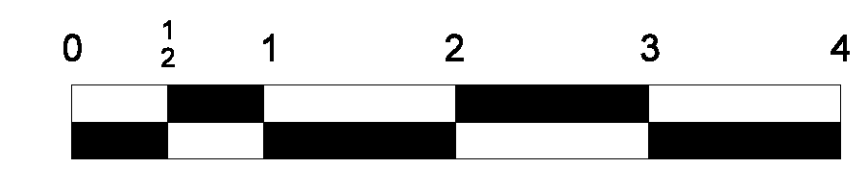
**DRILLED SHAFT ELEVATION**  
1/2" = 1'-0"



**PLAN VIEW A-A**  
3/4" = 1'-0"



**SECTION B-B**  
3/4" = 1'-0"



APP.	NO.	DATE	REVISION
	1	09/12	ADDED ELECTRICAL PROVISIONS
	0	10/10	ORIGINAL DRAWING

NEW JERSEY TURNPIKE AUTHORITY  
**GARDEN STATE PARKWAY**

CANTILEVER SIGN STRUCTURE FOUNDATION DETAILS  
(FOR HSS 32 TO HSS 28 COLUMN SIZES)

OFFICE OF THE CHIEF ENGINEER NEW JERSEY TURNPIKE AUTHORITY	2010 STANDARD <b>DRAWING SI-41</b>
WOODBRIDGE NEW JERSEY	

FILE NAME: SFILEL\$