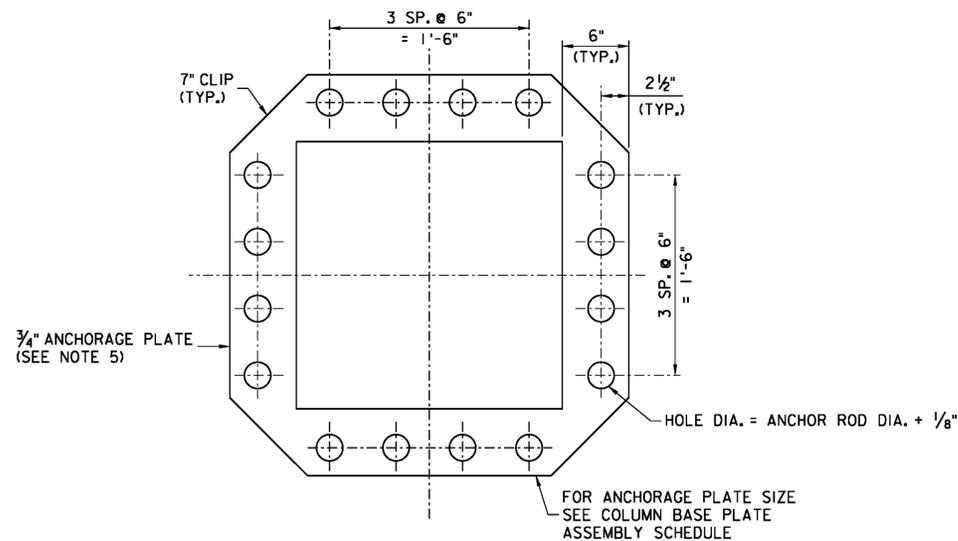


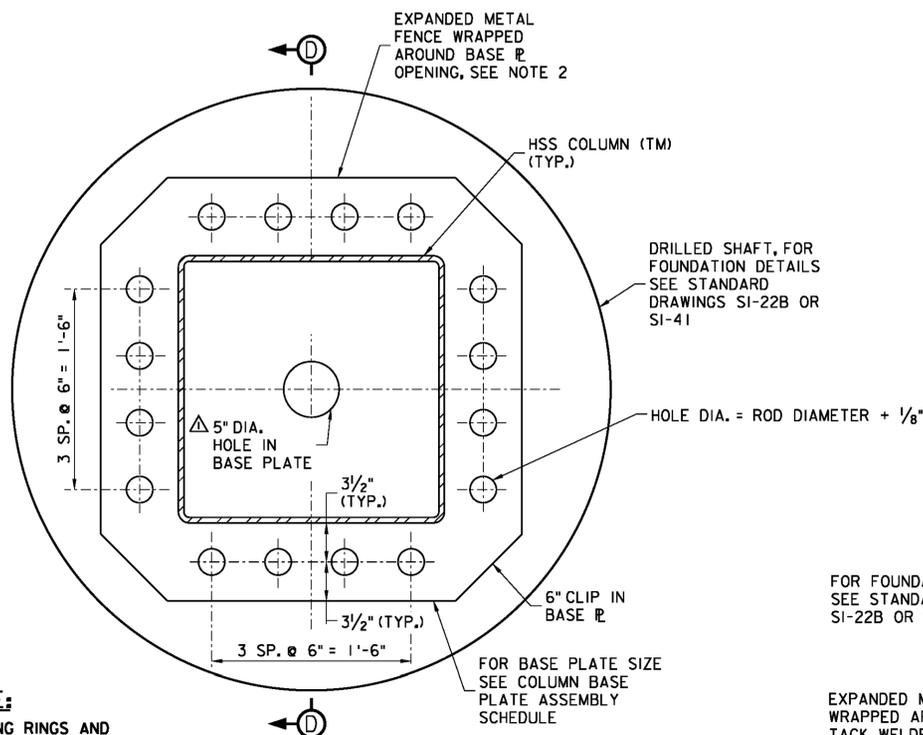
**ANCHOR ROD DETAIL**  
N.T.S.



**ANCHORAGE PLATE DETAIL**  
1 1/2" = 1'-0"

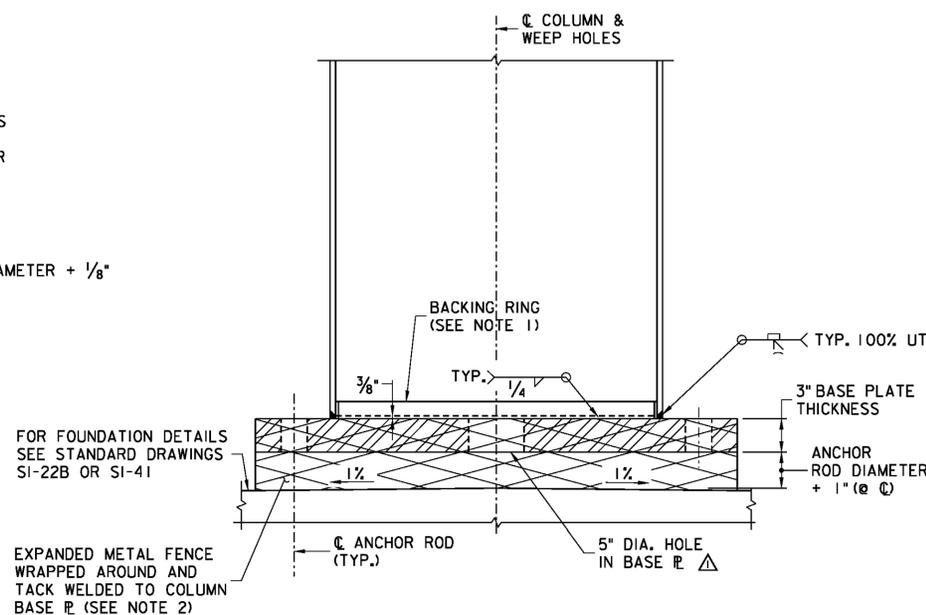
**NOTES:**

- FULL PENETRATION WELDS SHALL BE USED FOR TOWER COLUMN TO BASE PLATE CONNECTION WITH THE BACKING RING ATTACHED TO THE BASE PLATE WITH A CONTINUOUS FILLET WELD AROUND THE INTERIOR FACE OF THE BACKING RING. THE BACKING RING SHALL BE 3/8"x2".
- EXPANDED METAL FENCE SHALL BE AMICO "SECURA FENCE" MODEL NO. ASF 1.5-9R, GALVANIZED IN ACCORDANCE WITH ASTM A123, AND AS MANUFACTURED BY:  
  
AMICO  
3245 Fayette Avenue  
Birmingham, AL 35208  
1-800-366-2642  
www.amico-securityproducts.com
- CONTRACTOR SHALL PROVIDE AN ANCHOR ROD TEMPLATE FABRICATED OF STRUCTURAL STEEL (ASTM A709 GRADE 36) TO PROPERLY ALIGN ALL 16 ANCHOR RODS AT THE TOP OF THE DRILLED SHAFT.
- FOR ALTERNATE COLUMN FABRICATION DETAILS, SEE STANDARD DRAWING SI-37.
- CLIP ANCHOR PLATE IN FIELD AS REQUIRED TO CLEAR VERTICAL REINFORCEMENT.
- FOR PROVISIONAL SIGN AREA LIMITATIONS, SEE STANDARD DRAWING SI-35.
- FOR LIMITS OF SUBSTRUCTURE MEMBRANE WATERPROOFING ON DRILLED SHAFTS AND REINFORCED CONCRETE PEDESTAL SEE STANDARD DRAWINGS SI-22B OR SI-41.



**NOTE:**  
BACKING RINGS AND CONCRETE PEDESTAL IF REQUIRED ARE NOT SHOWN FOR CLARITY.

**BASE PLATE DETAILS**  
1 1/2" = 1'-0"



**SECTION D-D**  
SCALE: 1 1/2" = 1'-0"

COLUMN BASE ASSEMBLY SCHEDULE							
SPAN LENGTH (FT)	MAX. PROVISIONAL SIGN PANEL AREA (SEE NOTE 6)	COLUMN SIZE (IN)	BASE PLATE		ANCHOR ROD (IN)		ANCHORAGE PLATE SIZE (FT-IN)
			SIZE (FT-IN)	DIA.	PROJECTION		
< 38 TO 42 MAX.	445	•HSS32x32x5/8	3'-10"	2 1/4	11 3/4		3'-8"
< 32 TO ≤ 38	648	•HSS32x32x5/8	3'-10"	2 1/4	11 3/4		3'-8"
< 32 TO ≤ 38	445	•HSS30x30x5/8	3'-8"	2 1/4	11 3/4		3'-6"
20 ≤ TO ≤ 32	540	•HSS28x28x5/8	3'-6"	2	11		3'-4"
20 ≤ TO ≤ 32	300	••HSS24x24x5/8	3'-2"	2	11		3'-0"

- CONCRETE PEDESTAL REQUIRED ON DRILLED SHAFT, SEE STANDARD DRAWING SI-41.
- CONCRETE PEDESTAL NOT REQUIRED ON DRILLED SHAFT, SEE STANDARD DRAWING SI-22B.



ORIGINAL SIZE IN INCHES

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

NEW JERSEY TURNPIKE AUTHORITY  
**GARDEN STATE PARKWAY**  
VIERENDEEL CANTILEVER TYPE SIGN STRUCTURE  
(SPANS FROM 20 TO 42 FEET)  
DETAILS - 3

OFFICE OF THE CHIEF ENGINEER  
NEW JERSEY TURNPIKE AUTHORITY

2010 STANDARD  
**DRAWING SI-38**

WOODBRIDGE NEW JERSEY

CONTRACT NO.

SHEET NO. OF