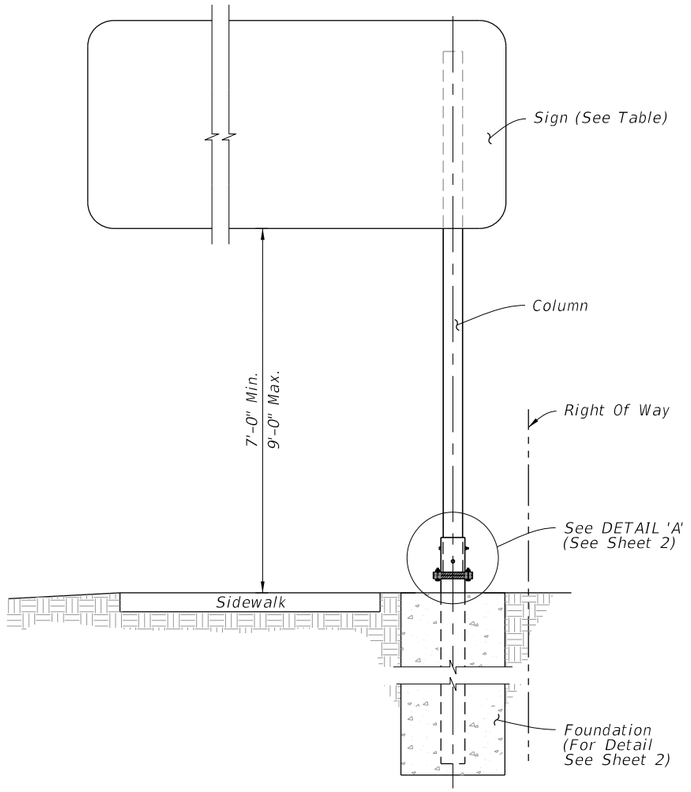


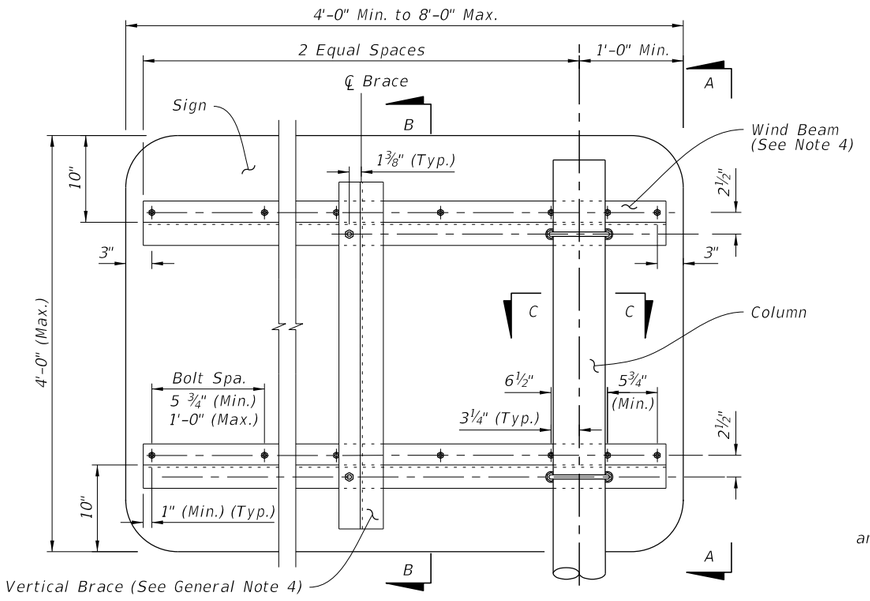
TYPICAL SECTION

GENERAL NOTES:

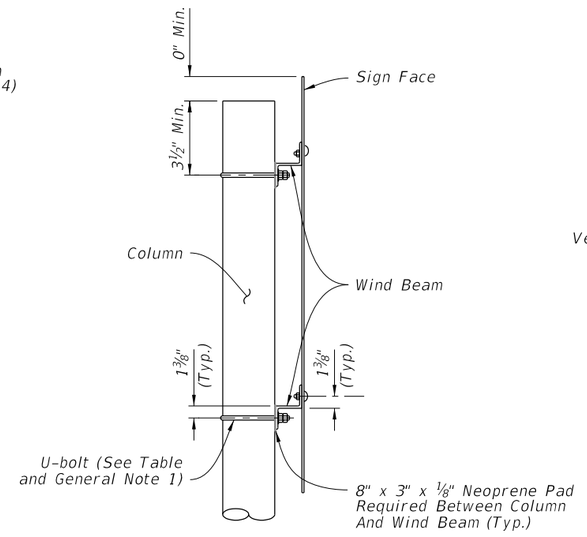
1. Work with Index 700-010 for additional notes and the assembly of base connection.
2. Meet the requirements of Specification 700.
3. Place galvanized steel shims between the Sleeve and Post to obtain a tight fit between the Post and Sleeve.
4. Wind Beam and Vertical Brace: Aluminum Z 3 x $2\frac{11}{16}$ x 3.38. Install Vertical Brace on 7'-0" to 8'-0" signs only.
5. Use Brass shims to plumb the post.
6. Use nylon washers under the button bolt heads to protect sign sheeting. Use aluminum washers under nut.
7. Aluminum Columns: ASTM B429 Alloy 6061-T6.

COLUMN SELECTION AND FOOTING SIZE TABLE

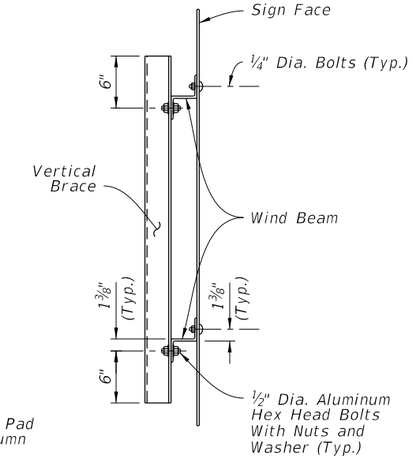
Sign Size Width x Height	Column Size Diameter x Thickness	Sleeve Size Diameter x Thickness	U-bolt Diameter	Base Bolt Diameter x Length	Torque lbs./in	Base Plate Thickness	Footing Depth
5'-0" x 4'-0"	4 NPS Schedule 80 (4.5" x 0.337")	5 NPS Schedule 120 (5.563" x 0.5")	½"	⅝" x 3½"	270 +/- 45	1"	6'-0"
6'-0" x 4'-0"							
7'-0" x 4'-0"	5 NPS Schedule 80 (5.563" x 0.375")	6 NPS Schedule 80 (6.625" x 0.432")	⅝"	¾" x 4"	445 +/- 75	1⅛"	6'-6"
8'-0" x 4'-0"							7'-0"



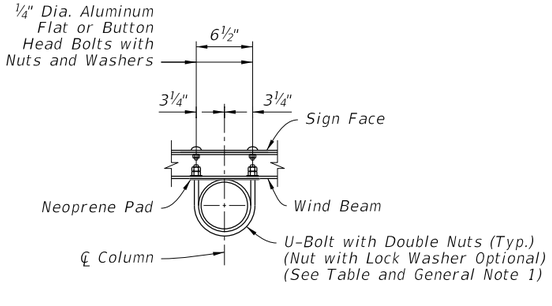
SIGN DETAIL



VIEW A-A



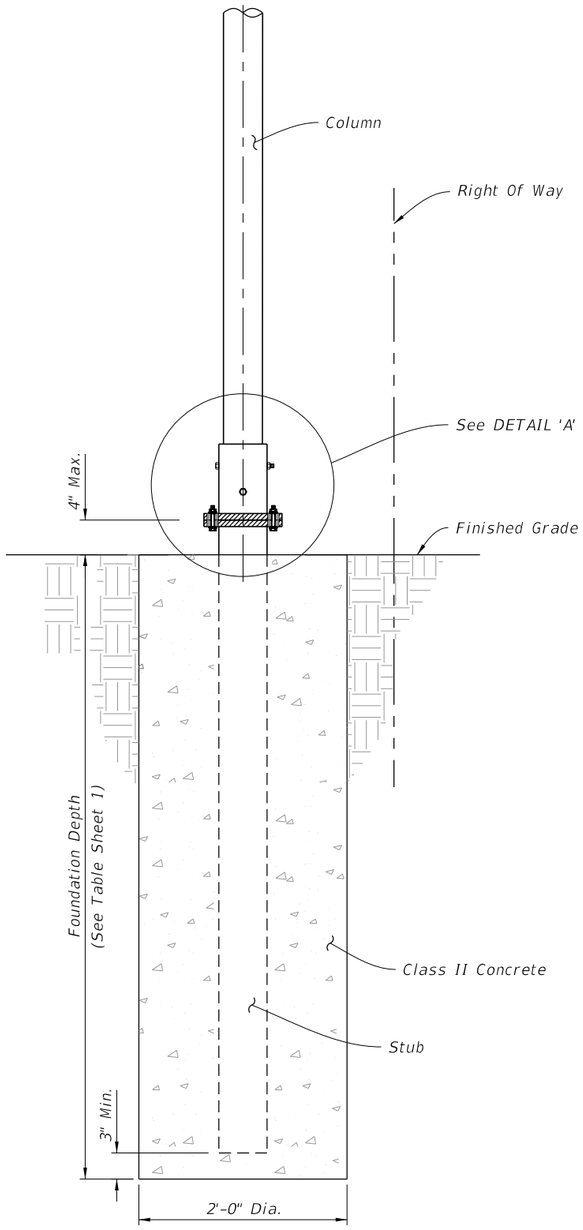
SECTION B-B



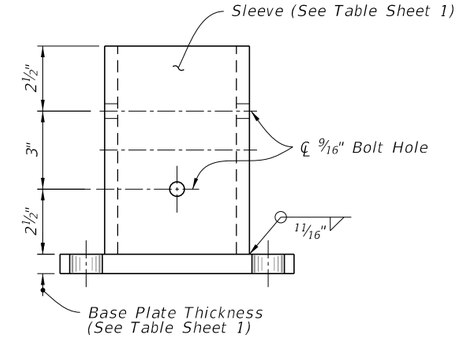
SECTION C-C

9/10/2024 2:40:31 PM

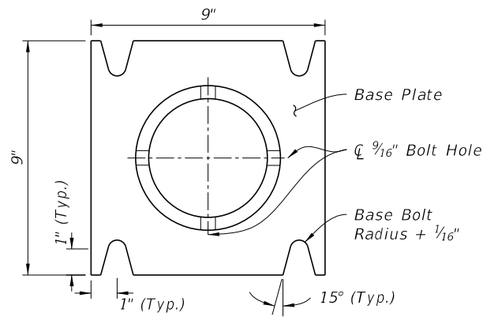
LAST REVISION	REVISION	DESCRIPTION:				
11/01/23			FY 2025-26 STANDARD PLANS	SINGLE COLUMN CANTILEVER GROUND MOUNTED SIGN	INDEX 700-011	SHEET 1 of 2



BASE AND FOUNDATION DETAIL

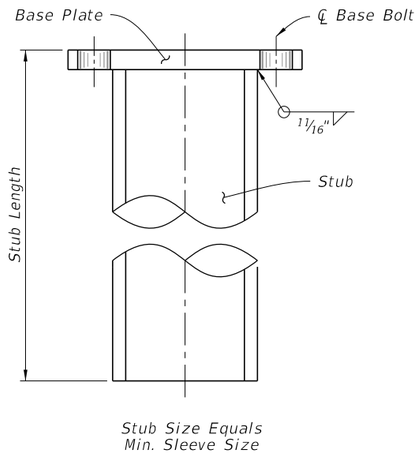


ELEVATION



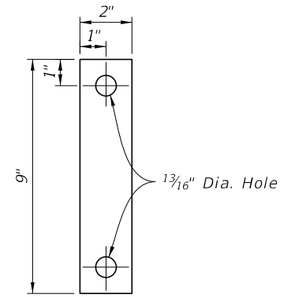
PLAN

SLEEVE & BASE PLATE DETAILS



Stub Size Equals
Min. Sleeve Size

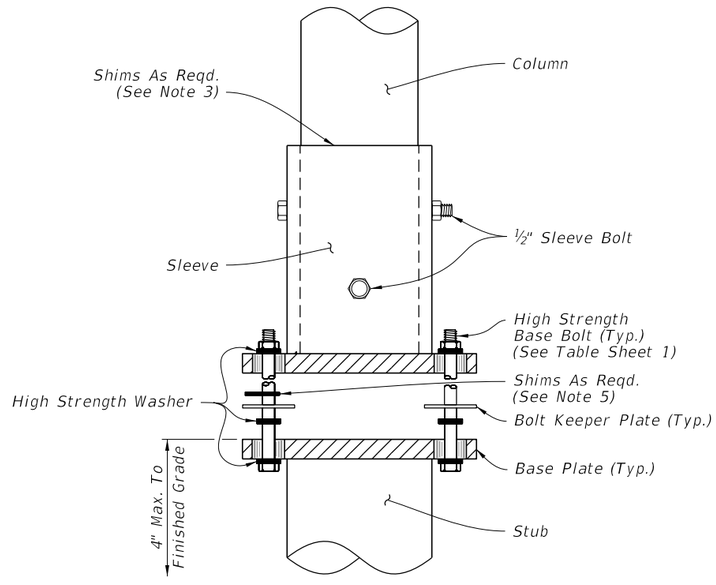
STUB DETAIL



28 Ga. Thick Aluminum Strip
2 Required Per Base

BOLT KEEPER PLATE DETAIL

Direction of Traffic



DETAIL 'A'

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LAST REVISION	REVISION	DESCRIPTION:	FDOT	FY 2025-26 STANDARD PLANS	SINGLE COLUMN CANTILEVER GROUND MOUNTED SIGN	INDEX	SHEET
11/01/21						700-011	2 of 2