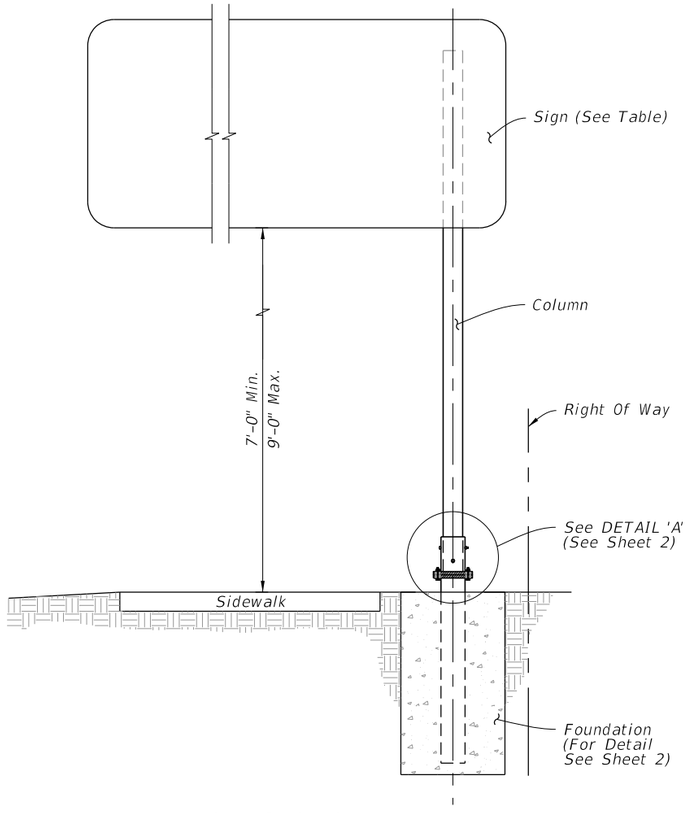
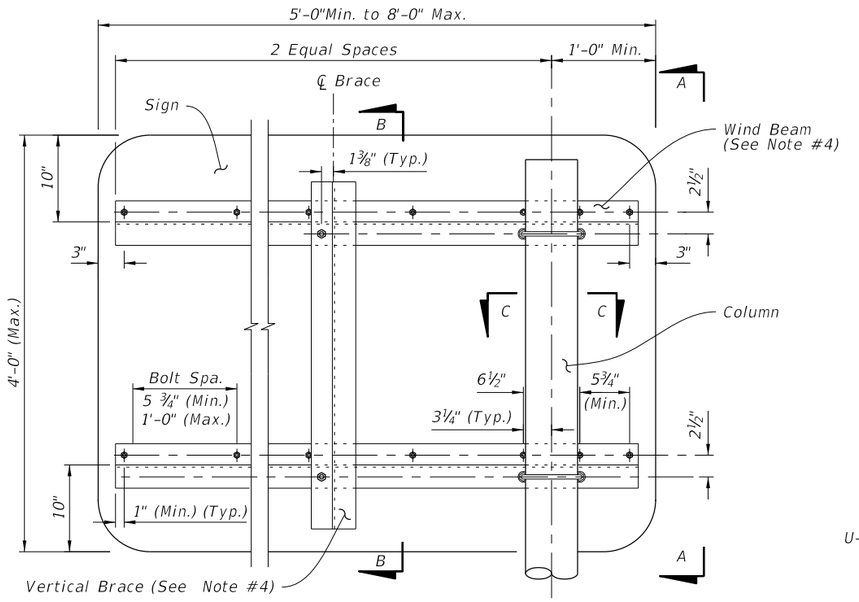


TYPICAL SECTION

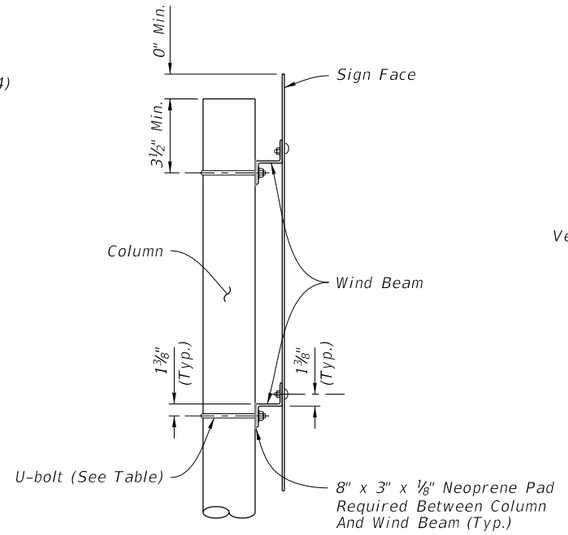
GENERAL NOTES:

1. Refer to FDOT Design Standards Index No. 11860 for additional notes, assembly of base connection and material specifications not given in this Index.
2. Sleeve Bolts: ASTM A-307, ½" Ø galvanized steel bolt (with lock nuts) or ASTM B-211 Alloy 2024-T4 or 6061-T6.
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 11/16" x 3.38. Install Vertical Brace on 7'-0" to 8'-0" signs only.
5. Provide 2- 0.0149" Thick (28 guage) and 2- 0.0329" Thick (21 guage) Brass Shims Per Post. Used brass shims to plumb the post.

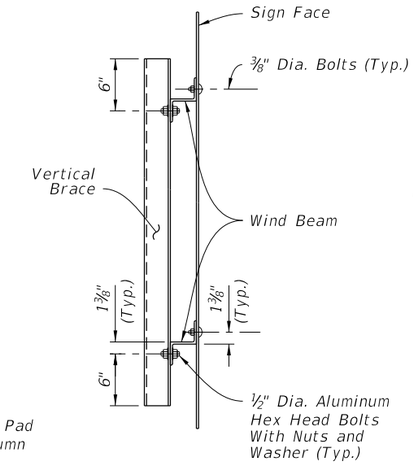
COLUMN SELECTION AND FOOTING SIZE TABLE							
Sign Size Height x Length	Column Size Diameter x Thickness	Sleeve Size Diameter x Thickness	U-bolt Diameter	Base Bolt Diameter x Length	Torque lbs./in	Base Plate Thickness	Footing Depth
4'-0" x 5'-0"	4.5" x 0.337" (Schedule 80)	5.563" x 0.5" (Schedule 120)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



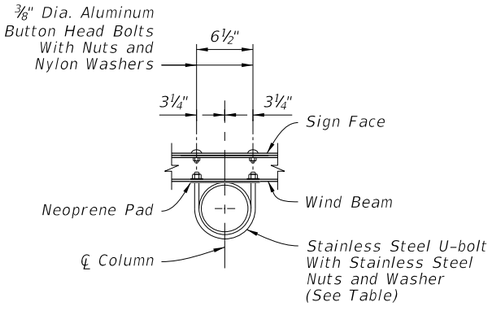
SIGN DETAIL



SECTION A-A



SECTION B-B



SECTION C-C

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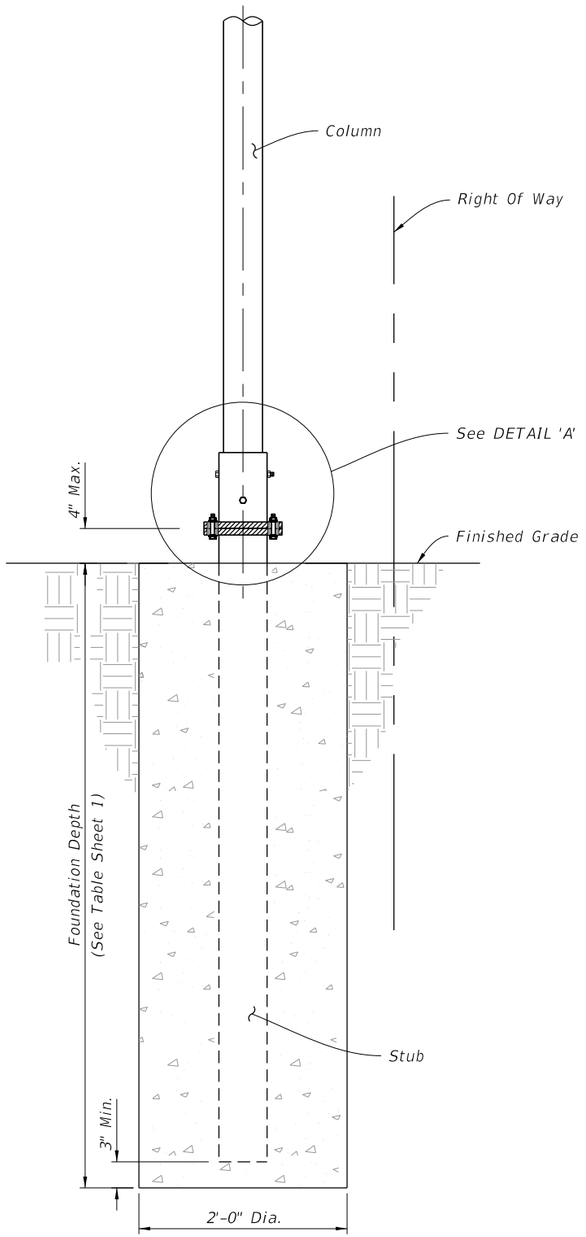
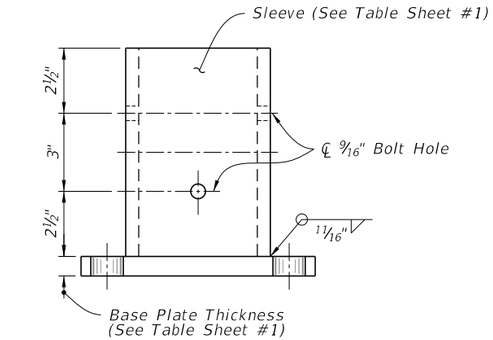
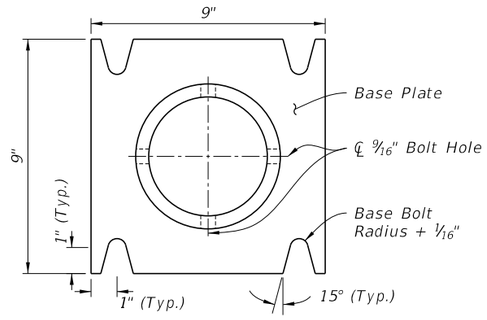
LAST REVISION	REVISION	DESCRIPTION:			INDEX NO.	SHEET NO.
07/01/15			FDOT FY 2016-17 DESIGN STANDARDS	SINGLE COLUMN CANTILEVER GROUND MOUNTED SIGN	11861	1 of 2



BASE AND FOUNDATION DETAIL

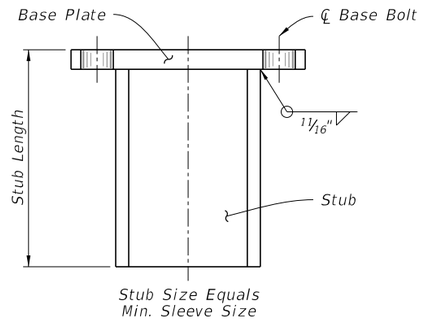


ELEVATION

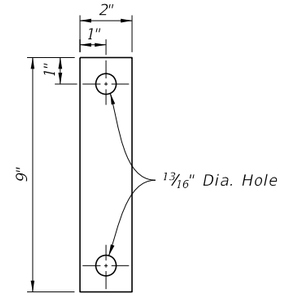


PLAN

SLEEVE & BASE PLATE DETAILS



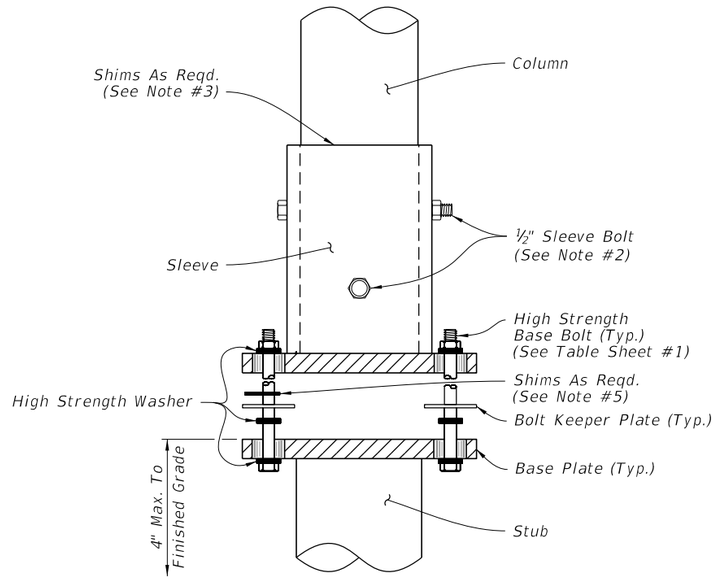
STUB DETAIL



28 Ga. Thick Aluminum Strip
2 Required Per Base

BOLT KEEPER PLATE DETAIL

Direction of Traffic



DETAIL 'A'

11/30/2015 2:19:10 PM

LAST REVISION	REVISION	DESCRIPTION:			INDEX NO.	SHEET NO.
07/01/15			FY 2016-17 DESIGN STANDARDS	SINGLE COLUMN CANTILEVER GROUND MOUNTED SIGN	11861	2 of 2