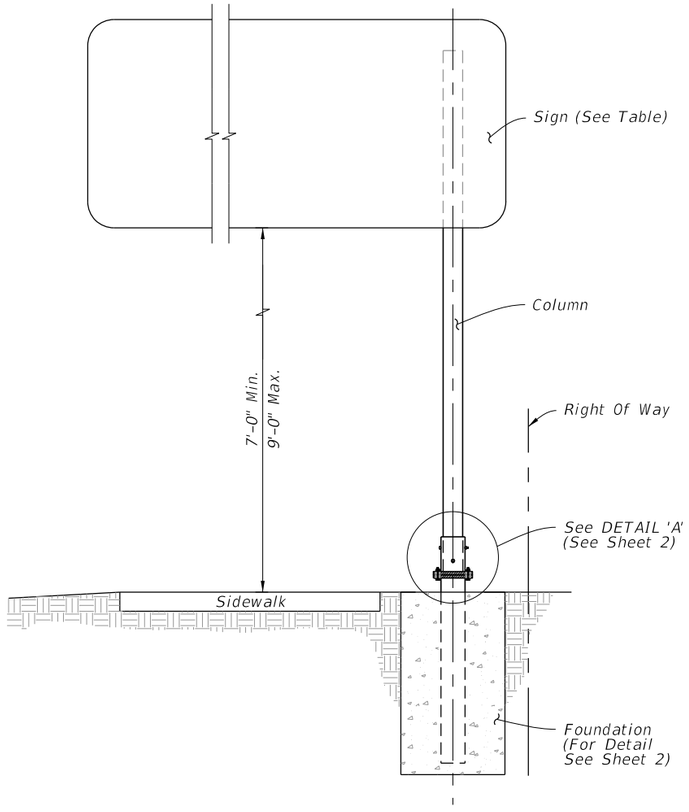
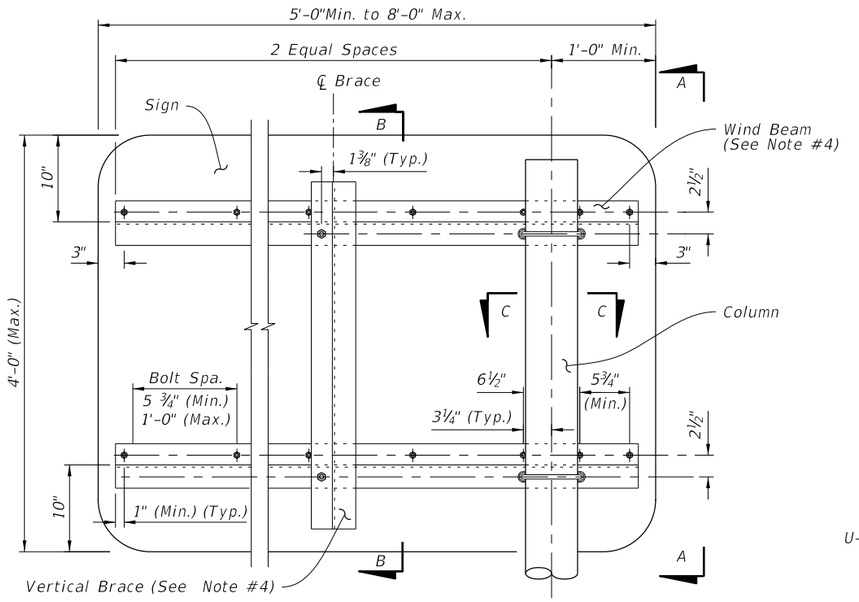



TYPICAL SECTION

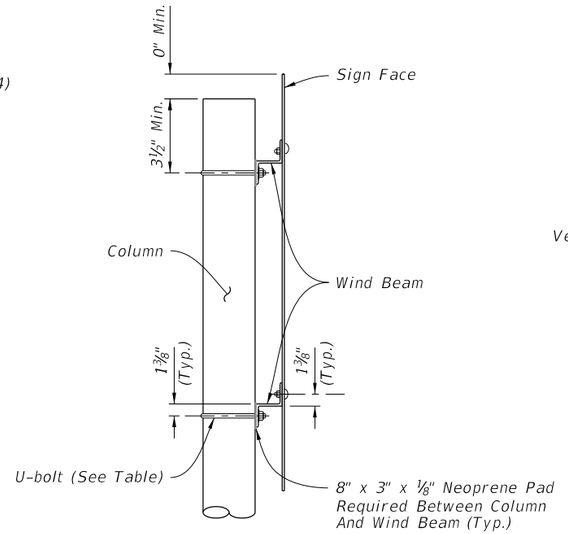
## GENERAL NOTES:

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.

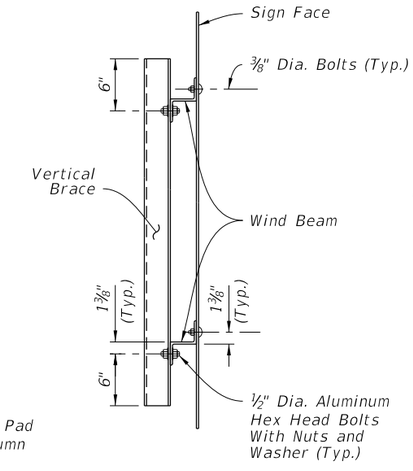
| COLUMN SELECTION AND FOOTING SIZE TABLE | | | | | | | |
|---|---|---|---|---|---|---|---|
| Sign Size Height x Length | Column Size Diameter x Thickness | Sleeve Size Diameter x Thickness | U-bolt Diameter | Base Bolt Diameter x Length | Torque lbs./in | Base Plate Thickness | Footing Depth |
| 4'-0" 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" |



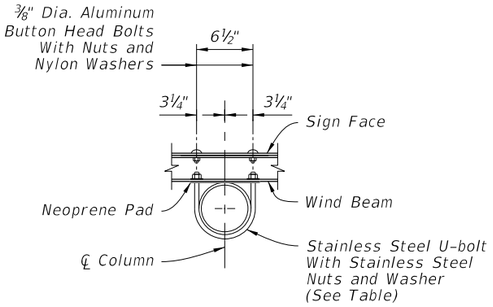

SIGN DETAIL




SECTION A-A




SECTION B-B




SECTION C-C

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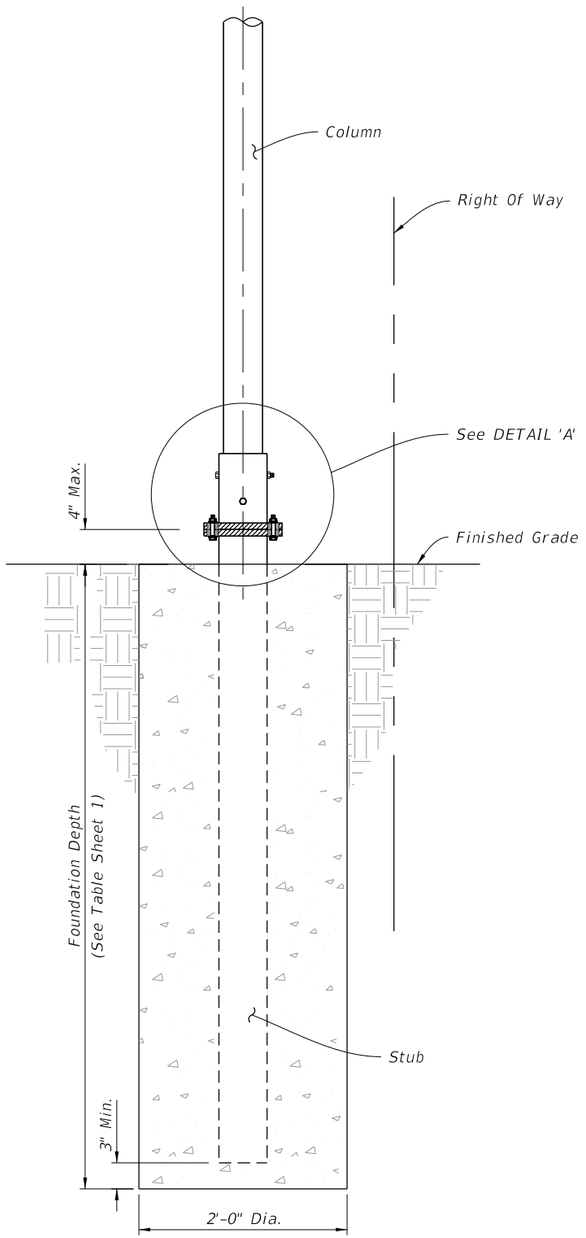
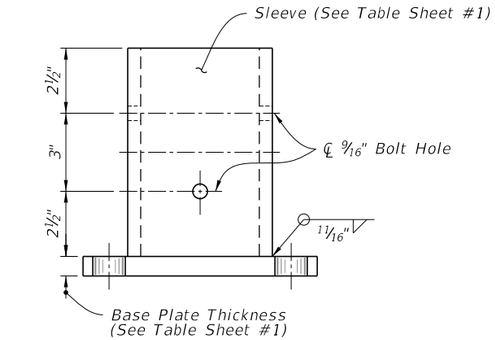
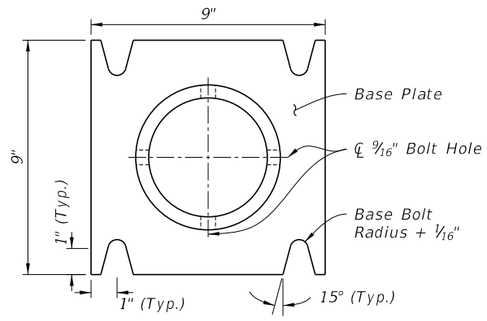
| LAST REVISION | REVISION | DESCRIPTION: | | | INDEX NO. | SHEET NO. |
|---|---|---|---|---|---|---|
| 07/01/15 | | | FDOT 2016 DESIGN STANDARDS | SINGLE COLUMN CANTILEVER GROUND MOUNTED SIGN | 11861 | 1 of 2 |




BASE AND FOUNDATION DETAIL

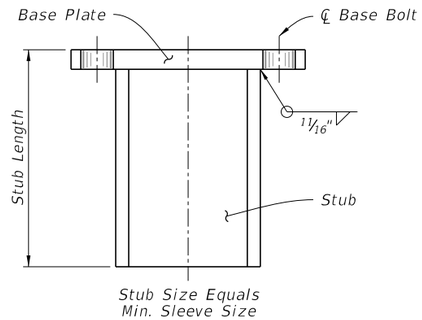



ELEVATION

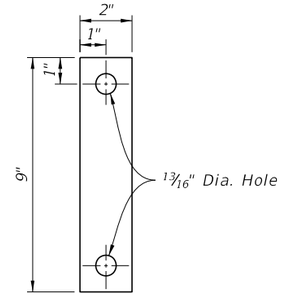



PLAN

SLEEVE & BASE PLATE DETAILS



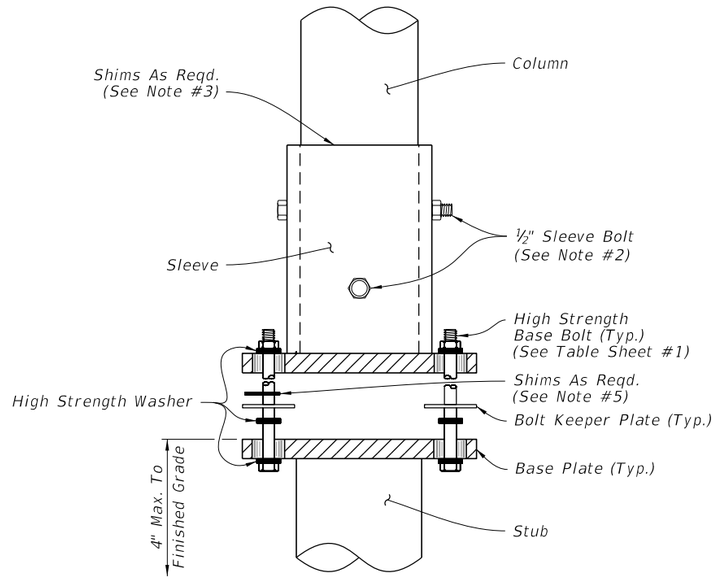

STUB DETAIL




28 Ga. Thick Aluminum Strip
2 Required Per Base

BOLT KEEPER PLATE DETAIL

Direction of Traffic




DETAIL 'A'

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