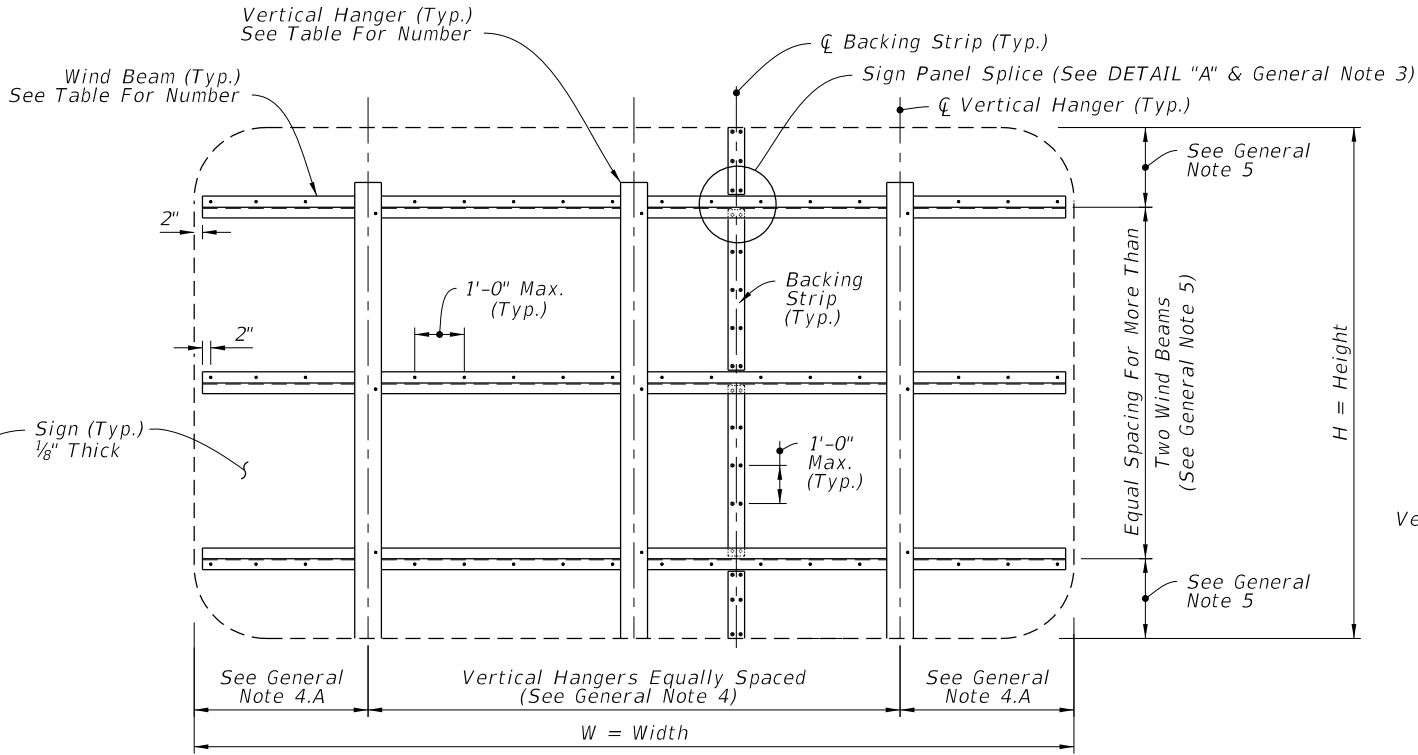
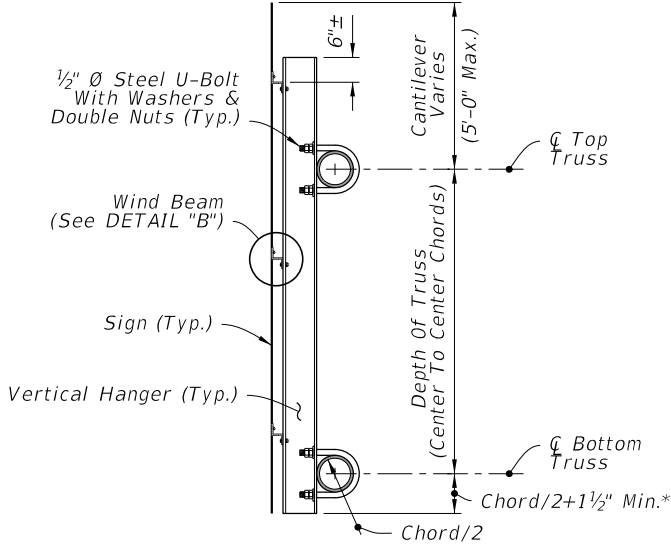


FRONT ELEVATION



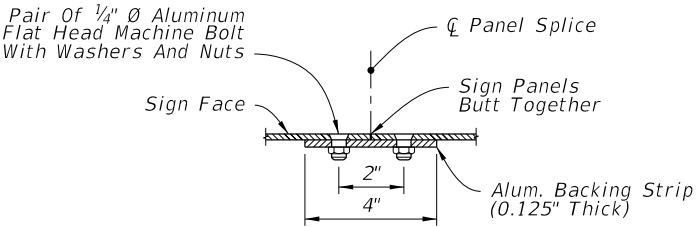
BACK ELEVATION



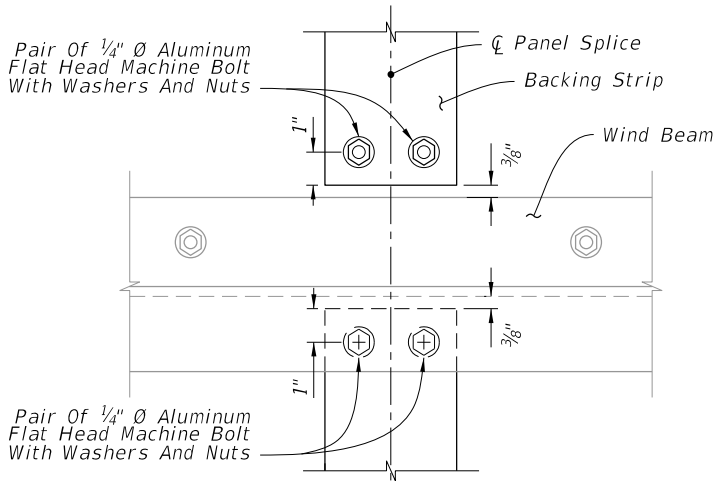
\*Bottom Justified Shown, Center Justified Similar.

SIDE ELEVATION

TYPICAL SIGN FOR OVERHEAD TRUSS



PLAN VIEW



ELEVATION

SIGN PANEL SPLICE

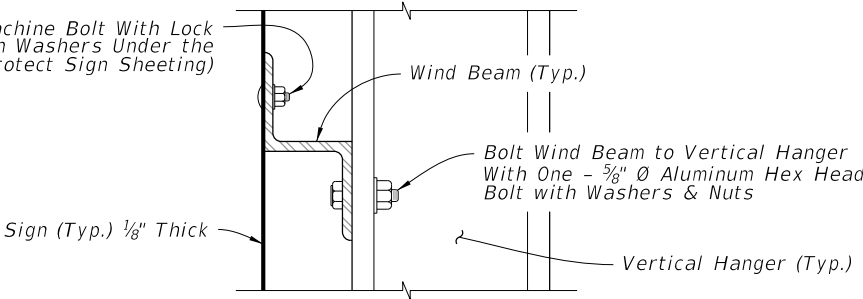
DETAIL "A"

WIND BEAM TABLE (Z 3 x 2 11/16 x 2.33)					
Number of Horizontal Wind Beams Based on Sign Height (H)					
2 Beams	3 Beams	4 Beams	5 Beams	6 Beams	
H ≤ 5'	5' < H ≤ 9'	9' < H ≤ 12'	12' < H ≤ 15'	15' < H ≤ 18'	

HANGER TABLE (I 6 X 4 x 4.69 or Z 5 x 3 1/4 x 4.01)					
Number of Vertical Hanger Beams Based on Wind Speed and Sign Width (W)					
	2 Hangers	3 Hangers	4 Hangers	5 Hangers	6 Hangers
130 mph	W ≤ 20'	20' < W ≤ 30'	30' < W ≤ 40'	40' < W ≤ 50'	--
150 mph	W ≤ 18'	18' < W ≤ 27'	27' < W ≤ 35'	35' < W ≤ 45'	45' < W ≤ 50'
170 mph	W ≤ 15'	15' < W ≤ 20'	20' < W ≤ 28'	28' < W ≤ 35'	35' < W ≤ 43'

NOTE: For Monroe County designs, use 170 mph values but with Z 5 x 3-1/4 x 6.19 vertical hanger beams only.

1/4" Ø Aluminum Flat Head Machine Bolt With Lock Washers & Nuts (Use Nylon Washers Under the Button Bolt Heads to Protect Sign Sheeting)



DETAIL "B"

GENERAL NOTES

1. Meet the requirements of Specification 700.
2. Work this Index with Index 700-040 and 700-041.
3. The number and location of the Panel Splices are determined by the Sign Face supplier.
4. Spacing of Vertical Hangers:
  - A. Two Vertical Hanger = 21.0% W  
Three Vertical Hanger = 15.0% W  
Four Vertical Hanger = 11.0% W  
Five Vertical Hanger = 9.0% W  
Six Vertical Hanger = 7.0% W
  - B. Spacing of vertical hangers may be varied slightly as necessary to clear the truss struts and diagonals at panel points
5. Spacing of Wind Beams:
  - A. Two Wind Beams = 21.0% H  
Three Wind Beams = 15.0% H  
Four Wind Beams = 11.0% H  
Five Wind Beams = 9.0% H  
Six Wind Beams = 7.0% H
6. Shop Drawings:
  - A. Required for Sign Panels deeper than 10'-0" with a horizontal panel splice.
  - B. Splice must be located in between interior Zee Supports and only allowed on signs greater than 10'-0".
7. Wind Speed by county: see Index 715-010.
8. Materials:
  - A. Aluminum:
    - a. Bars, and Extruded Shapes: ASTM B221, Alloy 6061-T6 or Alloy 6351-T5
    - b. Structural Shapes: ASTM B221, Alloy 6061-T6
    - c. Flat Head and Hex Head Machine Bolts: ASTM F468, Alloy 2024-T4
    - d. Hex Nuts: ASTM F467, Alloy 6061-T6 or Alloy 6262-T9
    - e. Washers: ASTM B221, Alclad 2024-T4
  - B. Steel:
    - a. U-Bolts: ASTM A449 or ASTM A193 B7
    - b. Nuts: ASTM A563, 2 per leg
    - c. Washers: ASTM F436, (Flat Washers)

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LAST REVISION	DESCRIPTION:	FY 2026-27 STANDARD PLANS	WIND AND HANGER BEAMS FOR OVERHEAD SIGNS	INDEX	SHEET
11/01/23				700-030	1 of 1