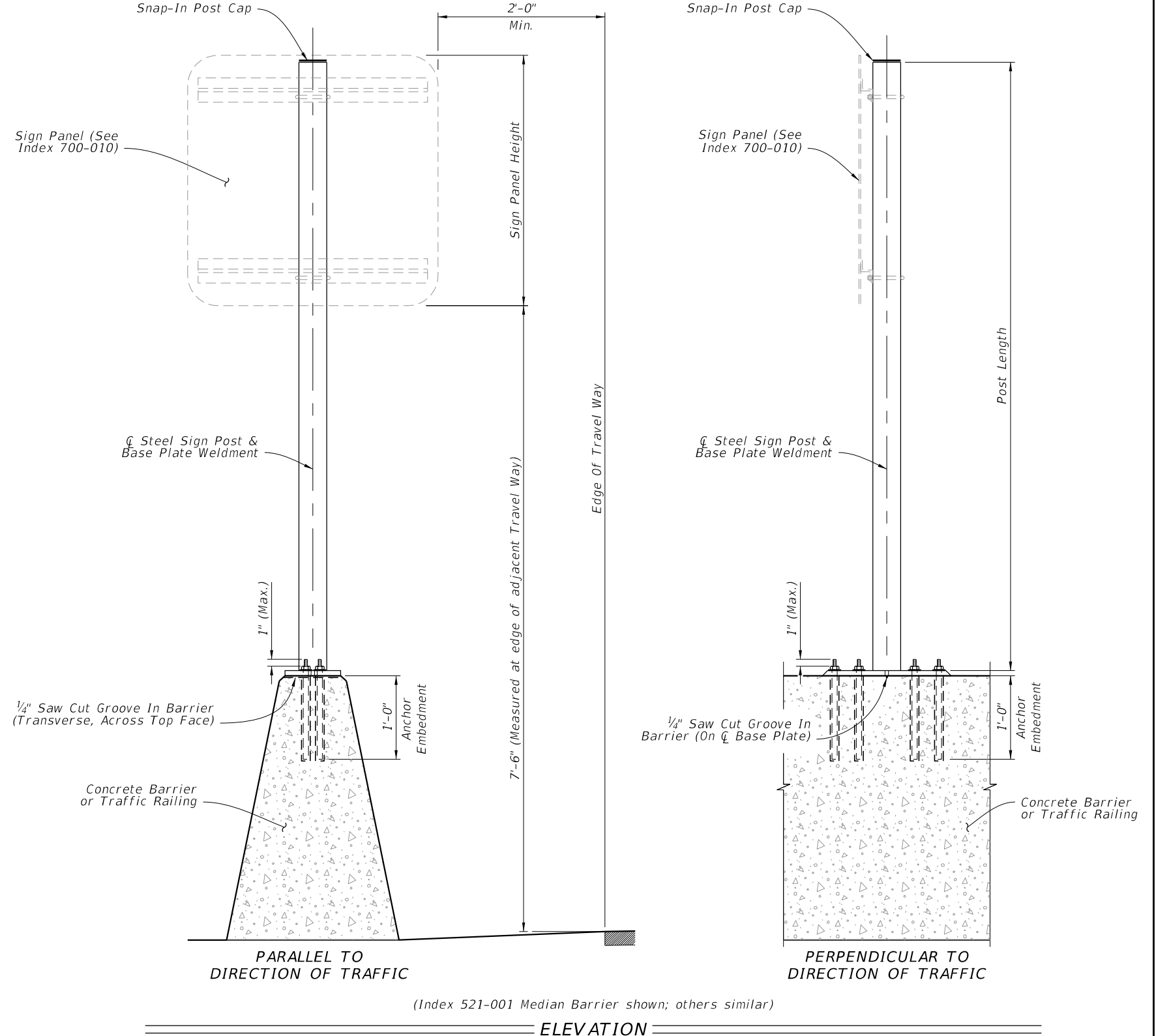
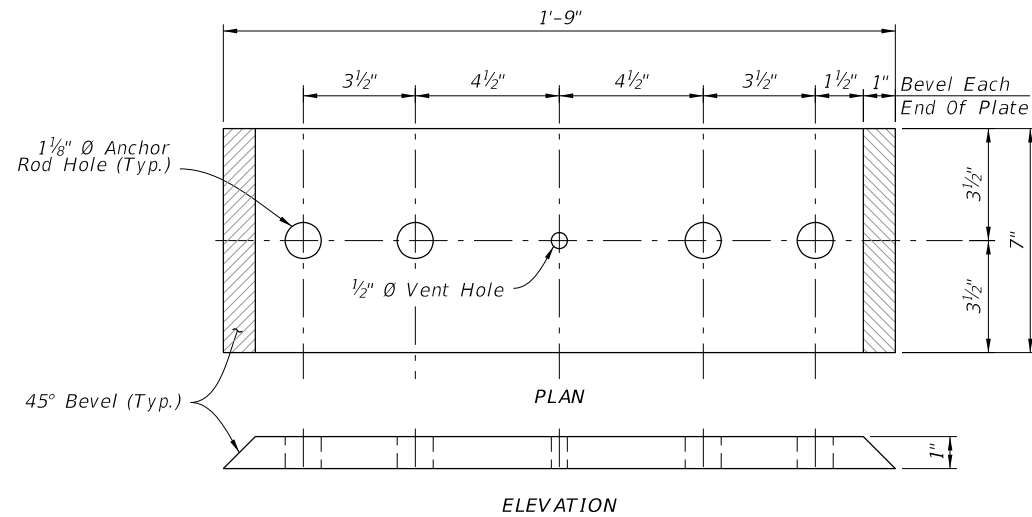


GENERAL NOTES:

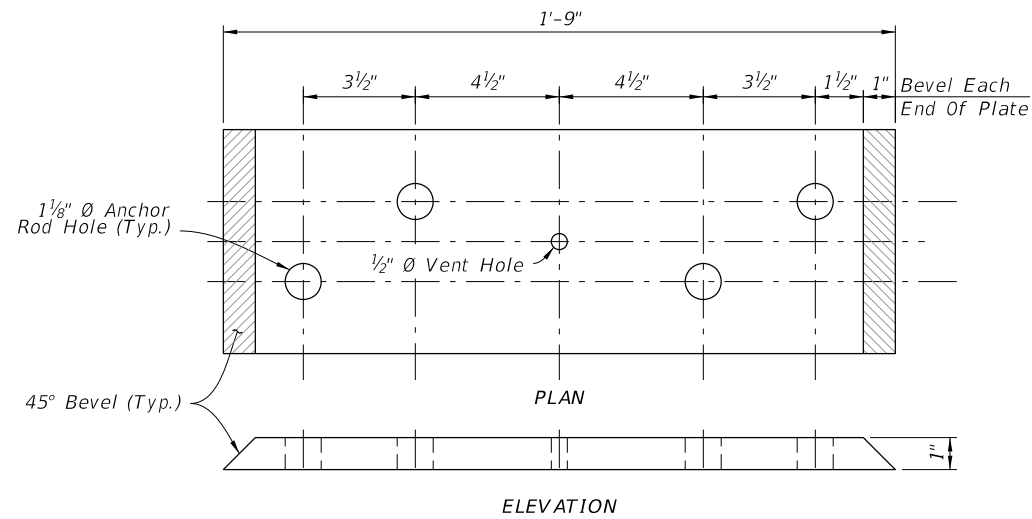
1. *Meet the requirements of Specification 700.*
2. *Work with Index 700-010.*
3. *Shop Drawings: Not required.*
4. *Construction:*
 - A. *Locate Sign Support a minimum of 5 feet from an open joint or transition (sign stationing may be adjusted to accommodate this requirement)*
 - B. *Base plate must be flush with top of Railing*
 - C. *Anchors in Traffic Railings:*
 - a. *Install Adhesive Anchors in accordance with Specification 416 except perform field test on one anchor per sign support location*
 - b. *Use template and tie anchors as necessary to maintain correct placement of C-I-P Embedded Anchors*
 - c. *Do not drill into existing reinforcing*
 - D. *Temporary Signs on Permanent Traffic Railings, Same as Permanent except field testing of anchors is not required*
 - E. *Temporary Signs on Temporary Railings/Barriers:*
 - a. *Install Sign Supports at the midpoint along the length of a single segment*
 - b. *Avoid drilling through existing reinforcement; use of metal detector not required*
 - c. *Field testing of anchors is not required*
5. *Removal of Temporary Signs on Permanent Traffic Railings:*
 - A. *Cut anchor rods flush with the top of the railing*
 - B. *Coat anchors with Type F-1 epoxy to prevent corrosion*
 - a. *Extend coating 2 inches beyond edge of cut anchor rods*
 - b. *Epoxy coating 1/16" thick minimum*
6. *Materials:*
 - A. *Steel Plate: ASTM A36 or ASTM A709 Grade 36*
 - B. *Steel Pipe (Support Post): ASTM A53 Grade B Schedule 40*
 - C. *Galvanized U-Bolts, Nuts and Plate Washer*
 - a. *U-Bolts: ASTM A449*
 - b. *Hex Nuts: ASTM A 563 Lock Nuts*
 - c. *Plate Washer: ASTM A 36 or ASTM A709 Grade 36 or 50*
 - D. *Galvanized Anchor Bolts, Nuts and Washers:*
 - a. *Anchor Rod: ASTM F1554 Grade 55 fully threaded (for Adhesive Anchors)*
 - b. *Anchor Bolts: ASTM F1554 Grade 55 Grade A Hex*
 - c. *Nuts: ASTM A563 Heavy Hex Locking*
 - d. *Washers: ASTM F436*

	Max. Sign Area (SF)	Post (NPS)
Temporary Signs	≤ 24	3.0
Permanent Signs	< 13.5	3.0
	13.5 < Sign < 20	3.5

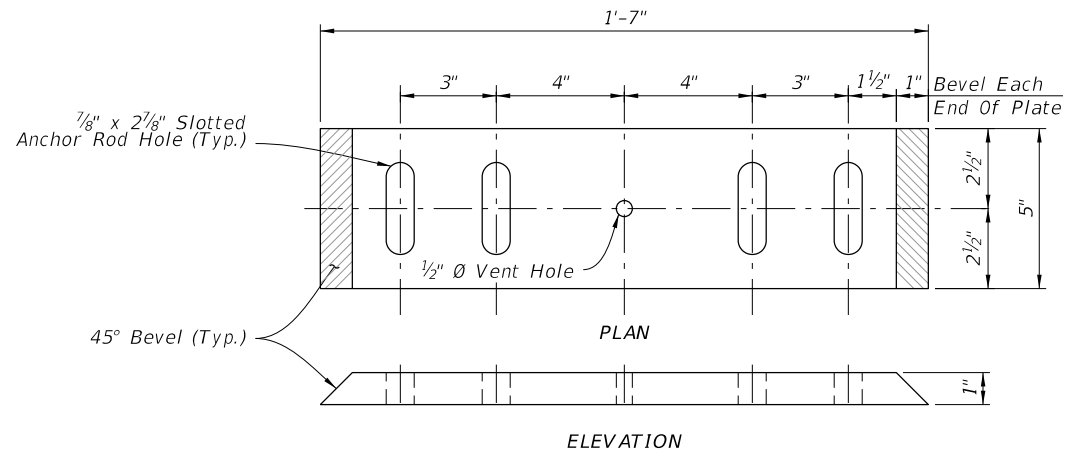




BASE PLATE TYPE A
(Linear Anchor Rod Pattern)



BASE PLATE TYPE B
(Staggered Anchor Rod Pattern)



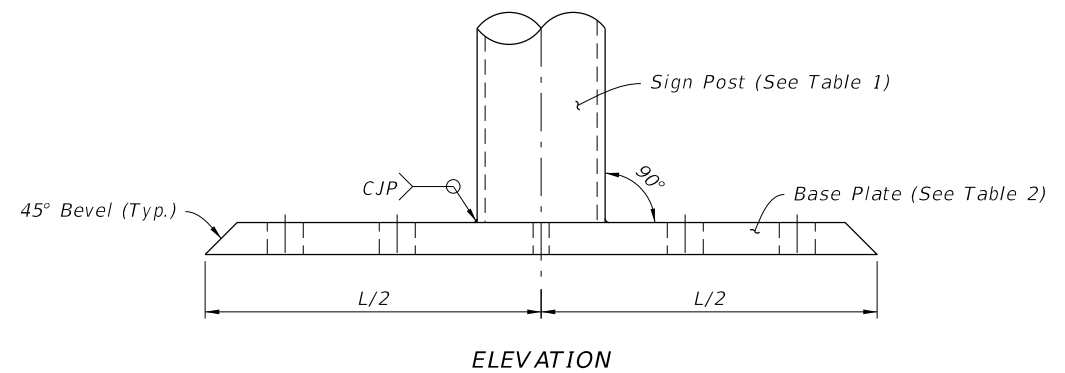
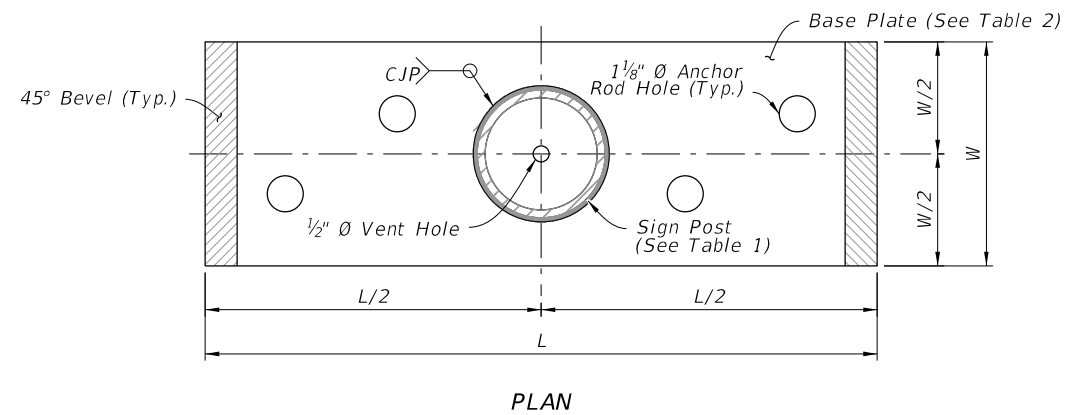
BASE PLATE TYPE C

NOTES:

1. Place anchor rods in a staggered or linear pattern as necessary to avoid reinforcing.
2. Use a staggered pattern for all temporary barriers.

TABLE 2 - BASE PLATE TYPE AND ANCHOR ROD SIZING

Index	Type/Application	Base Plate Type	Anchor Rod Ø
521-001	Full Wall	B	1"
521-001	Cantilever or L-Wall	A	
All listed above Plus 102-110 & 102-100	Temporary Signs	C	3/4"



SIGN SUPPORT WELDMENT DETAIL
(Staggered Anchor Rod Pattern shown)

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