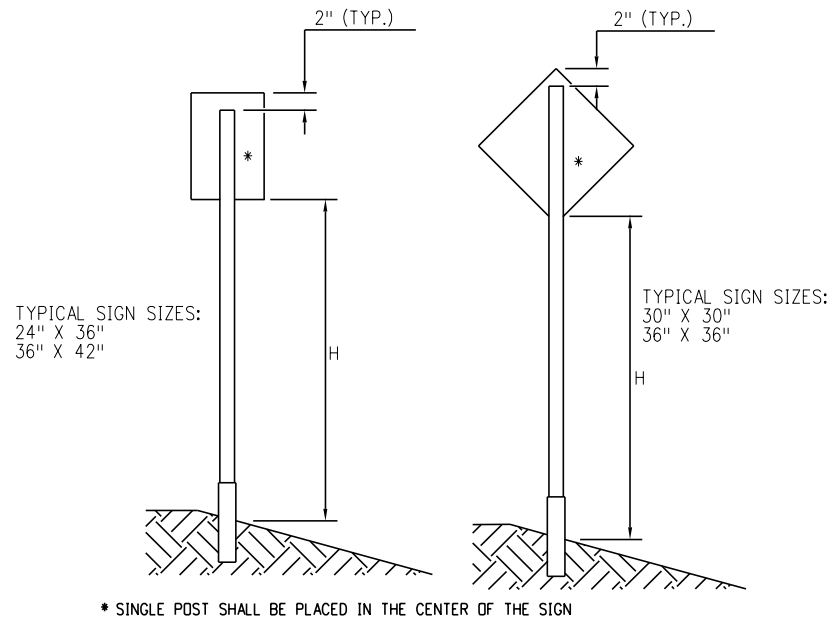


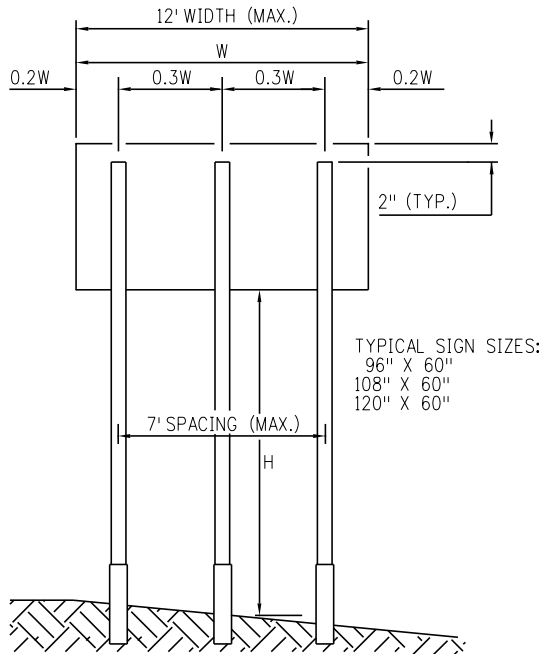


● **Sign Post Requirements**

POST TYPE	POST SIZE	MAX. CLEAR HEIGHT, H (FT.)	MAX. SIGN AREA (SF)
SQUARE TUBING	2.25" X 2.25" (12 GA.)	10	10.5
SQUARE TUBING	1.75" X 1.75" (12 GA.)	9	5
SQUARE TUBING	2.00" X 2.00" (12 GA.)	9	8
SQUARE TUBING	2.25" X 2.25" (12 GA.)	9	10.5
SQUARE TUBING	1.75" X 1.75" (12 GA.)	8	6
SQUARE TUBING	2.00" X 2.00" (12 GA.)	8	9
SQUARE TUBING	1.75" X 1.75" (12 GA.)	7	7
SQUARE TUBING	2.00" X 2.00" (12 GA.)	7	10

Single Post Installation

(Total sign area not to exceed 10.5 sf)

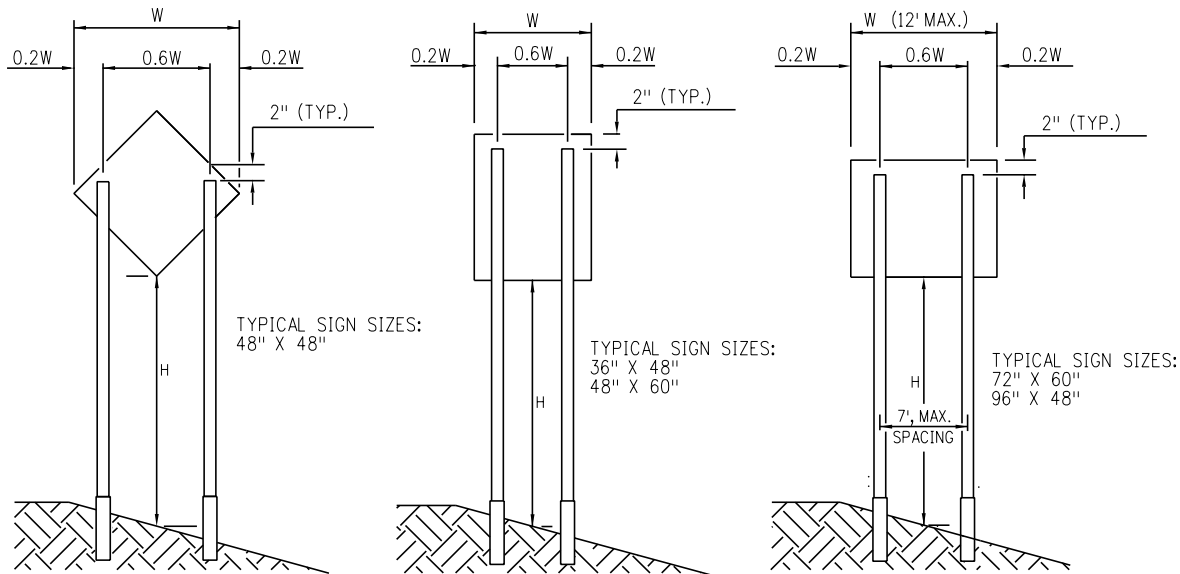


● **Sign Post Requirements**

POST TYPE	POST SIZE	MAX. CLEAR HEIGHT, H (FT.)	MAX. SIGN AREA (SF)
△ U-CHANNEL	3 LB./FT.	11	36
△ SQUARE TUBING	2.50" X 2.50" (10 GA.)	9	45
△ SQUARE TUBING	2.50" X 2.50" (10 GA.)	7	50
○ SQUARE TUBING	2.50" X 2.50" (10 GA.)	11	36
○ SQUARE TUBING	2.50" X 2.50" (10 GA.)	9	45

Triple Post Installation

(Total sign area not to exceed 50 sf)



Double Post Installation

(Total sign area not to exceed 30 sf)

● **Sign Post Requirements**

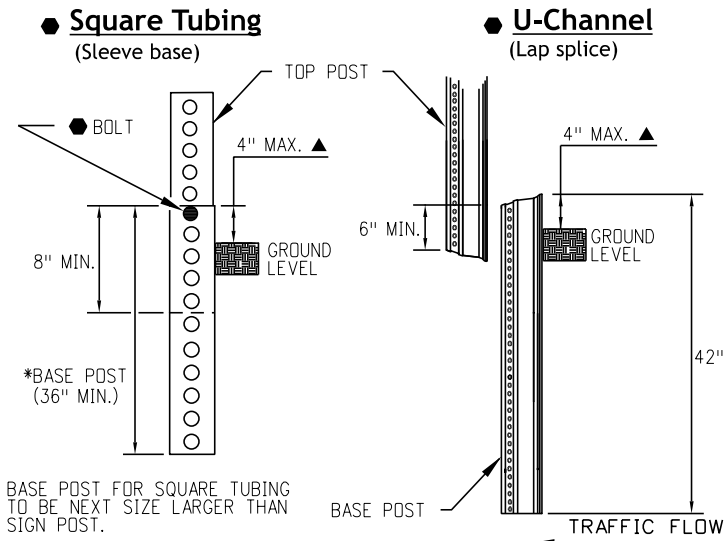
POST TYPE	POST SIZE	MAX. CLEAR HEIGHT, H (FT.)	MAX. SIGN AREA (SF)
SQUARE TUBING	2.25" X 2.25" (12 GA.)	11	13
SQUARE TUBING	2.25" X 2.25" (12 GA.)	9	15
SQUARE TUBING	2.25" X 2.25" (12 GA.)	8	16
SQUARE TUBING	2.25" X 2.25" (12 GA.)	7	20
△ U-CHANNEL	3 LB./FT.	11	25
△ U-CHANNEL	3 LB./FT.	9	30
△ SQUARE TUBING	2.50" X 2.50" (10 GA.)	7	36

General Notes

1. All square tubing sign post requirements are based on a 10 or 12-gauge thickness, ASTM A570 grade 50 steel, a minimum yield strength of 60,000 psi and a 70 mph wind load. All U-channel sign posts requirements are based on a minimum yield strength of 80,000 psi and 85 mph wind load.
2. Steel posts, base posts, and slip bases for aluminum panel signs shall be selected from the CDOT Approved Product List.
3. Base posts shall not extend more than 4 inches above ground level and shall be of the same weight/gauge and type as the sign post.
4. Intermixing of U-channel and square tubing posts, posts of different weights/gauges or product brands is prohibited.
5. Supplemental signs shall not be attached directly to primary panels.
6. Spacing between supplemental panels and primary panels shall not exceed 6 inches.
7. Sign panels placed parallel to traffic shall be mounted on a multi-directional breakaway system. (see Standard Plan S-630-4, Sheet 2)
8. An approved slip base is required with the double post and triple post installation. (see Standard Plan S-630-4, Sheet 2).
9. See manufacturer's drawings for specific assembly information (post-to-base post overlap), including types of nuts, bolts, washers, and other parts required for product use.
10. Lap-splice or multi-directional slip base may be used. See Standard Plan S-630-4, Sheet 2.

Legend

- See General Note 1.
- ▲ See General Note 4.
- △ See General Note 8.
- See General Note 9.
- See General Note 10.

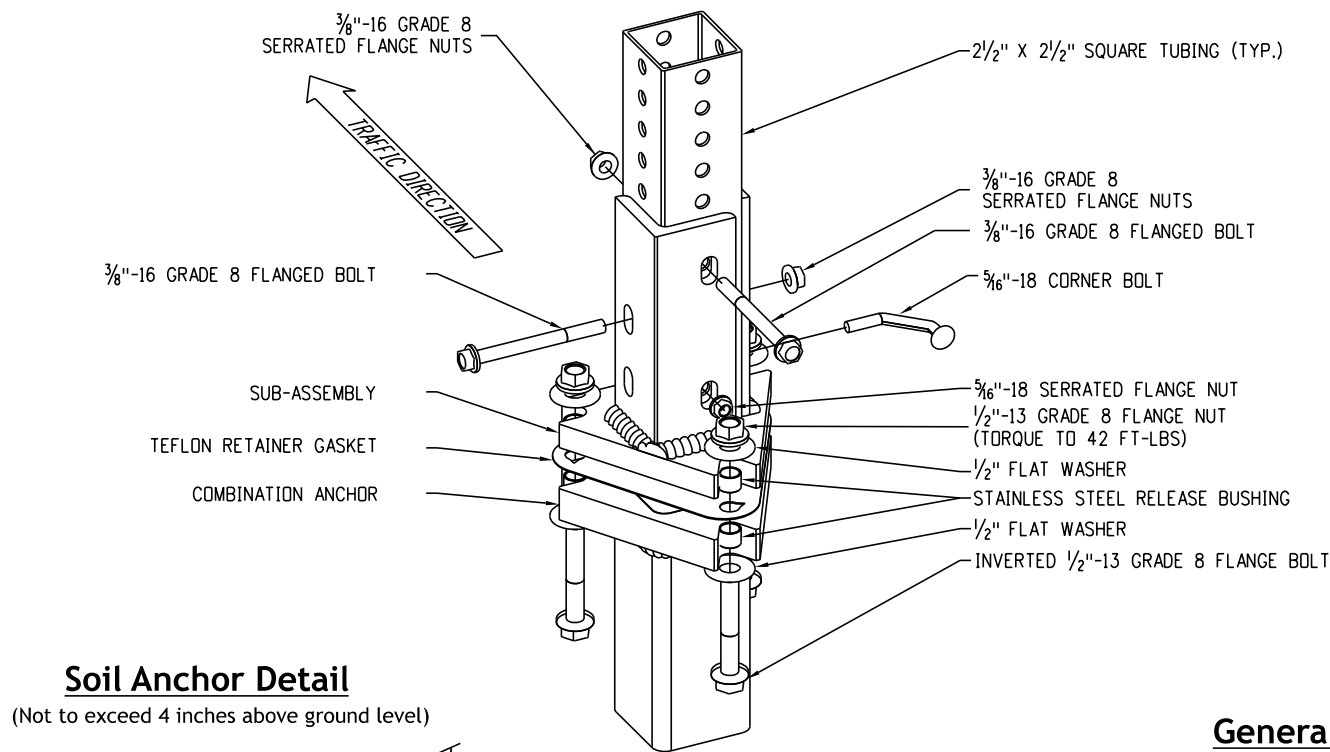


**Base Post Installation Details
for Square Tubing and U-Channel Systems**

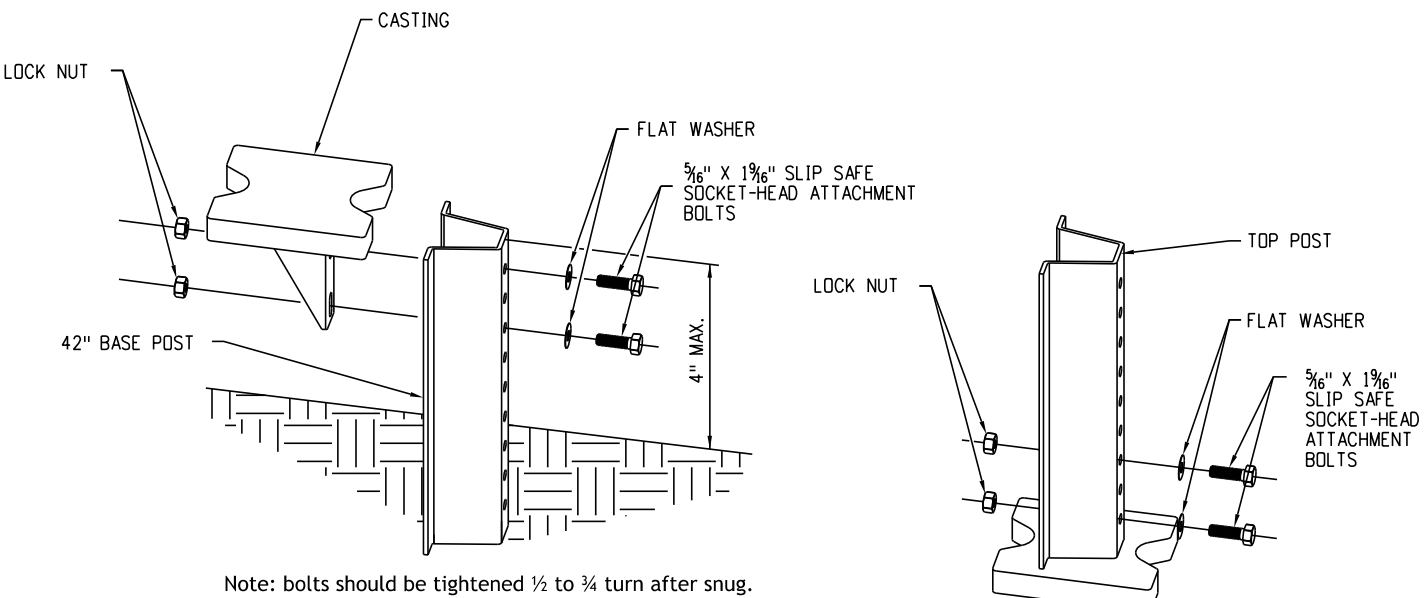
(See Standard Plan S-630-4, Sheet 2 for multi-directional slip base systems)

Computer File Information		Sheet Revisions		Colorado Department of Transportation Traffic Safety & Engineering Services 2829 West Howard Place Denver, CO 80204 EB	Steel Sign Support (Temporary) Installation Details	Standard Plan No.	
Creation Date: 07/04/12		Date:	Comments			S-630-4	
Created By: KEN						Standard Sheet No. 1 of 2	
Last Modification Date: 07/01/26						Project Sheet Number:	
Last Modified By: GLY							
CAD Ver.: ORD 10.12 Scale: Not to Scale Units: English					Issued by the Traffic Safety & Engineering Services: July 01, 2026		

Square Tubing Slip Base



U-Channel Slip Base



Note: bolts should be tightened 1/2 to 3/4 turn after snug.

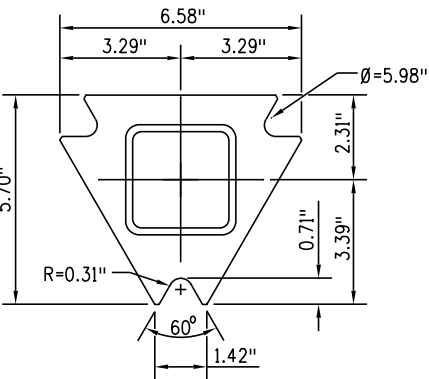
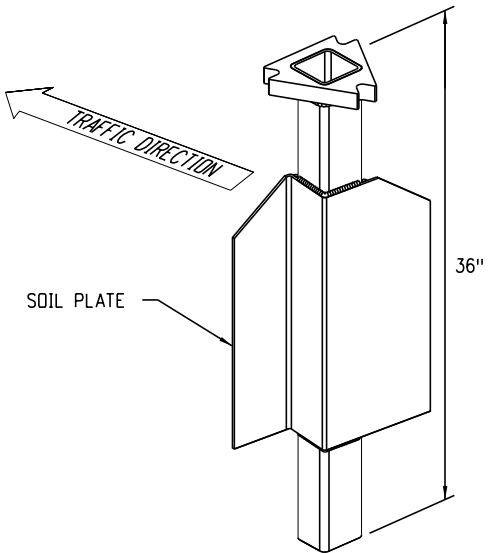
Step 1

General Note:

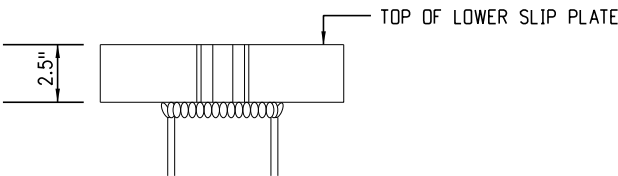
The contractor shall install the soil anchor and slip base per the manufacturer's recommendations without additional compensation.

Soil Anchor Detail

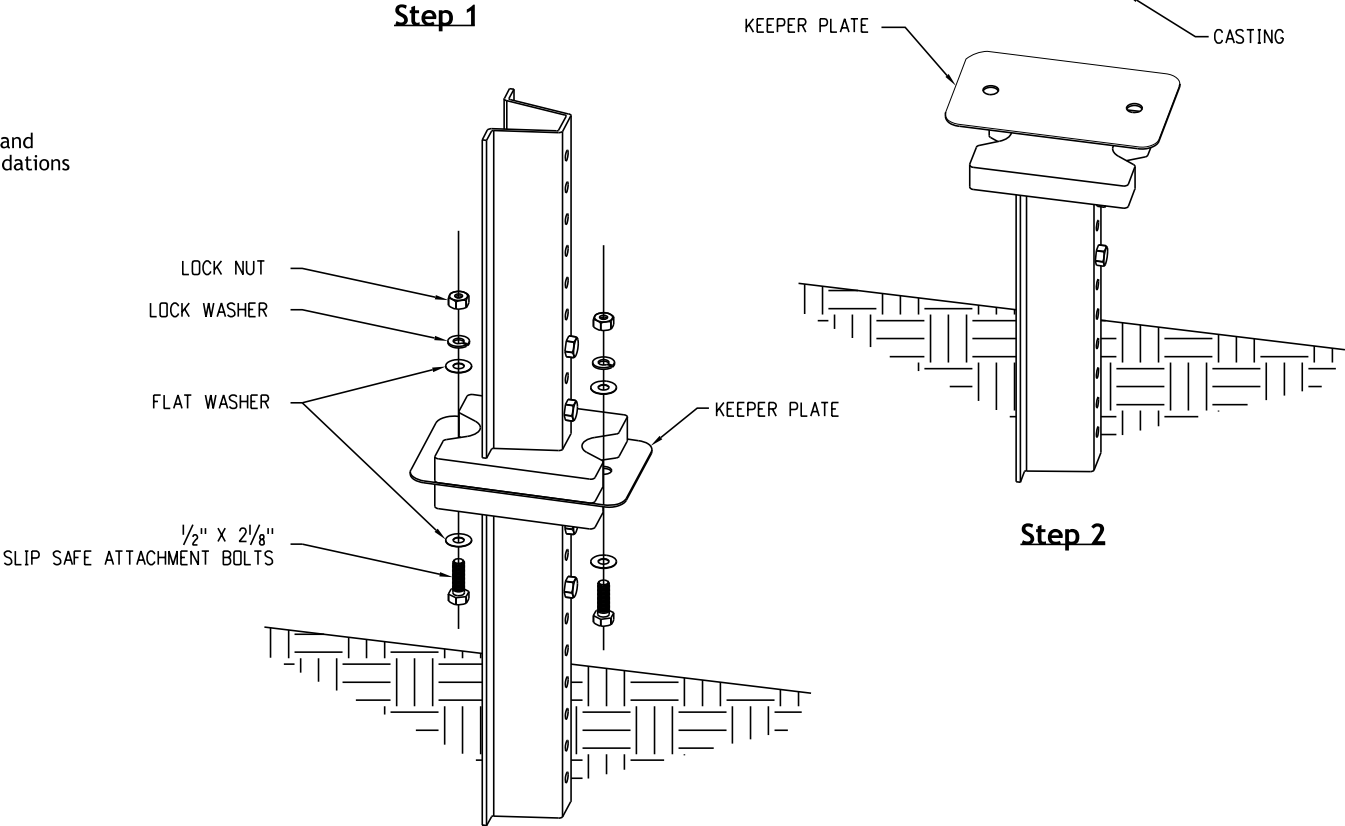
(Not to exceed 4 inches above ground level)



Anchor Top View



Anchor Front View



Note: tighten nut 1/4 to 1/2 turn after snug.

Step 3

Multi-Directional Slip Base Post Details

Computer File Information			Sheet Revisions		Colorado Department of Transportation Traffic Safety & Engineering Services 2829 West Howard Place Denver, CO 80204 EB	Steel Sign Support (Temporary) Installation Details		Standard Plan No.	
Date:Comments			S-630-4						
Creation Date: 07/04/12			Standard Sheet No. 2 of 2						
Created By: KEN									
Last Modification Date: 07/01/26									
Last Modified By: GLY									
CAD Ver.: ORD 10.12 Scale: Not to Scale Units: English				Issued by the Traffic Safety & Engineering Services: July 01, 2026		Project Sheet Number:			