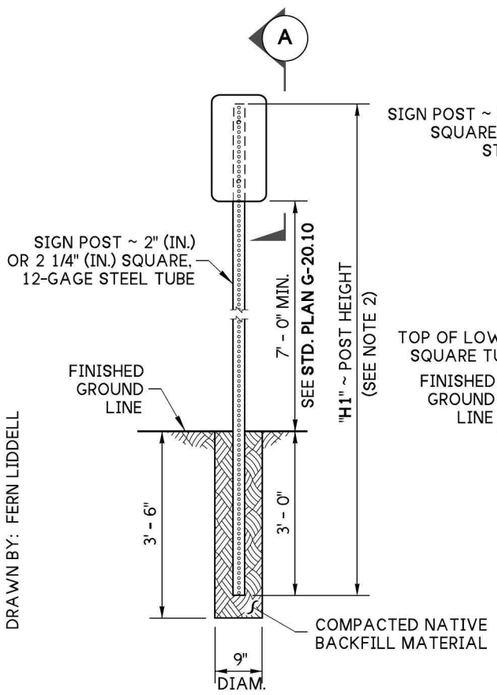
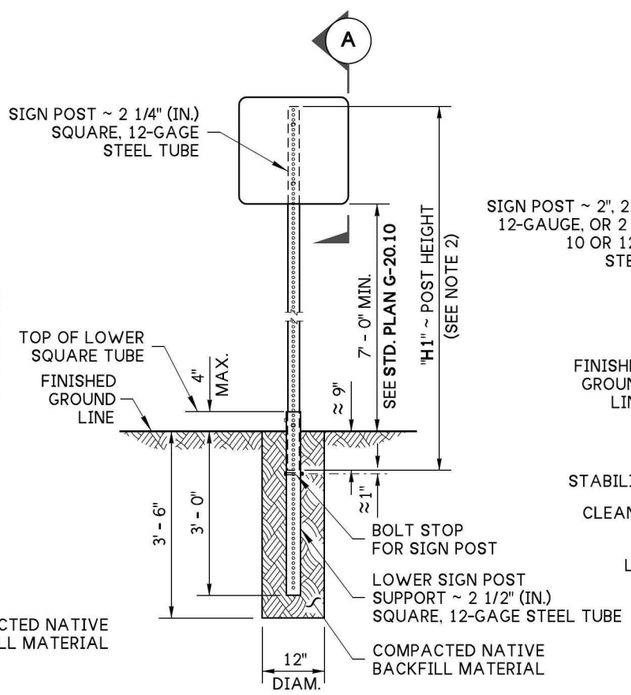
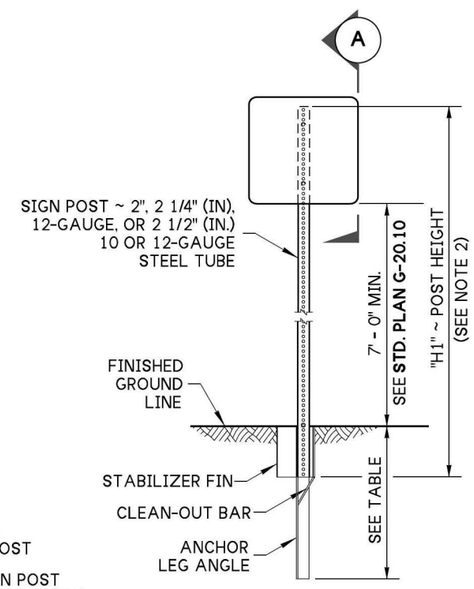
DRAWN BY: FERN LIDDELL



ELEVATION
TYPE ST-1 SIGN SUPPORT

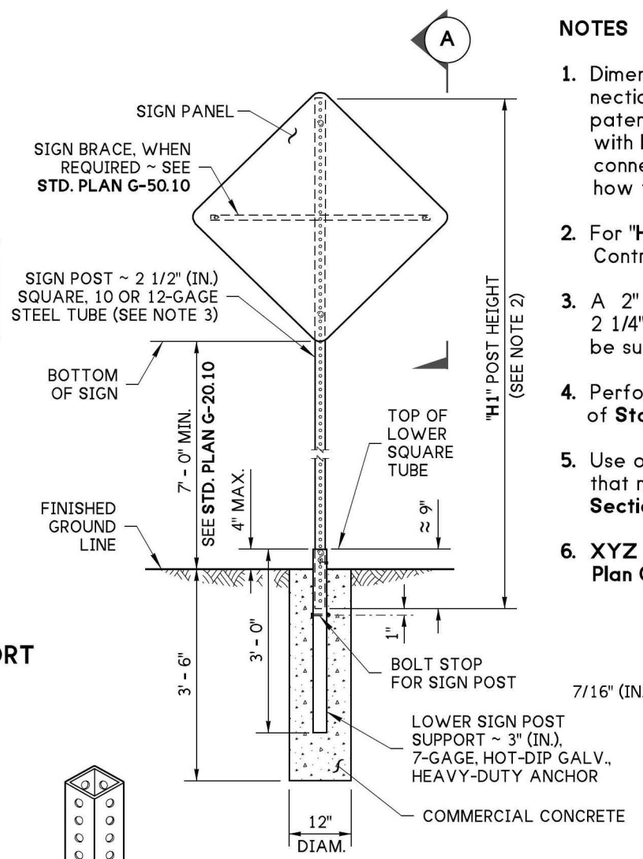


ELEVATION
TYPE ST-2 SIGN SUPPORT



ELEVATION
TYPE ST-3 SIGN SUPPORT

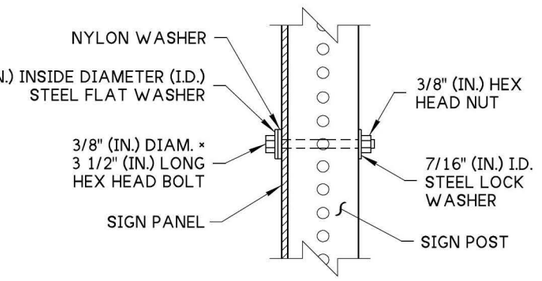
BURIED DEPTH	POST SIZE
2' - 6"	2", 2 1/4"
3' - 0"	2 1/2"



ELEVATION
TYPE ST-4 SIGN SUPPORT

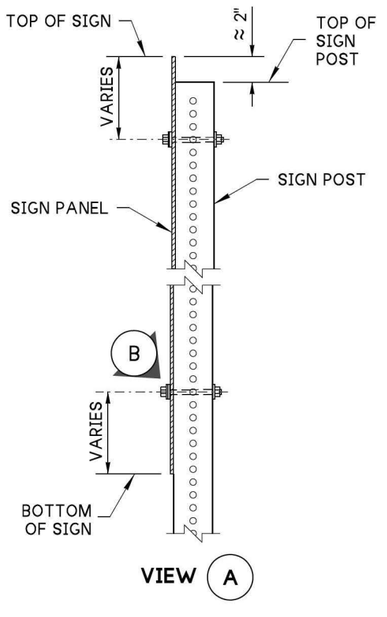
NOTES

1. Dimensions for the parts used to assemble the base connections are intentionally not shown. Base connections are patented, manufactured products that are in compliance with **MASH 16** or **NCHRP 350** crash test criteria. The base connection details are shown on this plan only to illustrate how the parts are assembled.
2. For "**H1**", refer to the Sign Specification Sheet in the Contract.
3. A 2" (in.) post with a 2 1/4" (in.) PSST anchor or a 2 1/4" (in.) post with a 2 1/2" (in.) PSST anchor may be substituted. See Contract Plans.
4. Perforated square steel post shall meet the requirements of **Standard Specification Section 9-06**.
5. Use only base connection manufacturer supplied hardware that meets the requirements of **Standard Specification Sections 9-06** and **9-28**.
6. **XYZ** windload exceeds range maximum, See **Standard Plan G-24.40, sheet 1**.

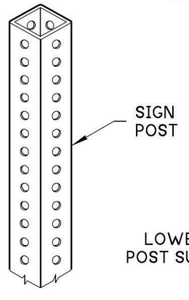


DETAIL B

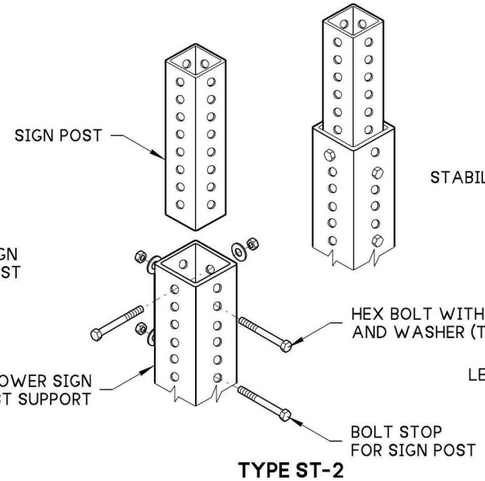
TYPES ST-1, ST-2, ST-3, ST-4 BASES				
WINDLOAD FOR SQUARE TUBE POSTS AT 90 MPH				
POSTS		XYZ RANGE		
		1 POST	2 POST	3 POST
2" PSST	12-GAGE	< 106	N/A	N/A
2 1/4" PSST	12-GAGE	< 137	N/A	N/A
2 1/2" PSST	12-GAGE	< 172	**	**
2 1/2" PSST	10-GAGE	< 190	N/A	N/A
(SEE NOTE 6)				
** SEE STANDARD PLAN G-24.40 FOR MULTI POST INSTALLATIONS				



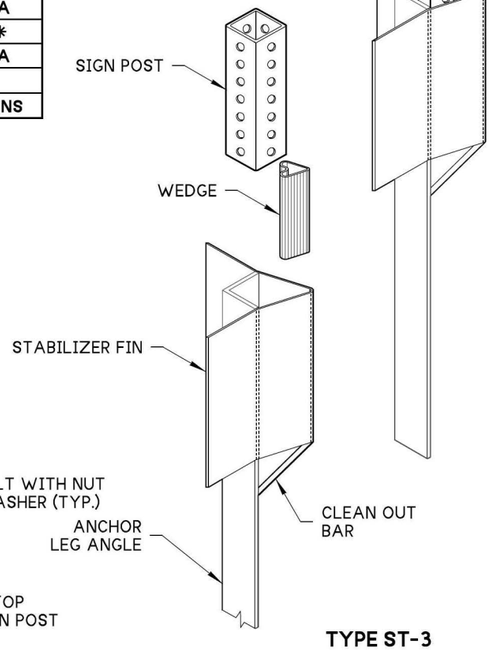
VIEW A



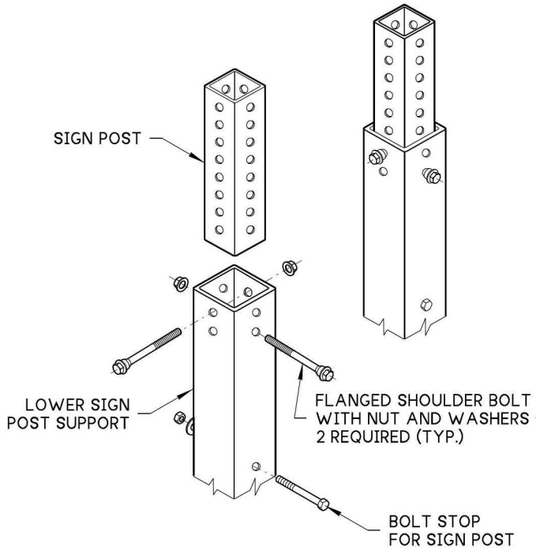
TYPE ST-1



TYPE ST-2



TYPE ST-3



TYPE ST-4

DINA MARIA SWIRES
STATE OF WASHINGTON
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Aug 24, 2026

STEEL SIGN SUPPORT TYPES ST-1 - ST-4 INSTALLATION DETAILS STANDARD PLAN G-24.50-06

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Mark A Swires Aug 24, 2026

STATE DESIGN ENGINEER

Washington State Department of Transportation