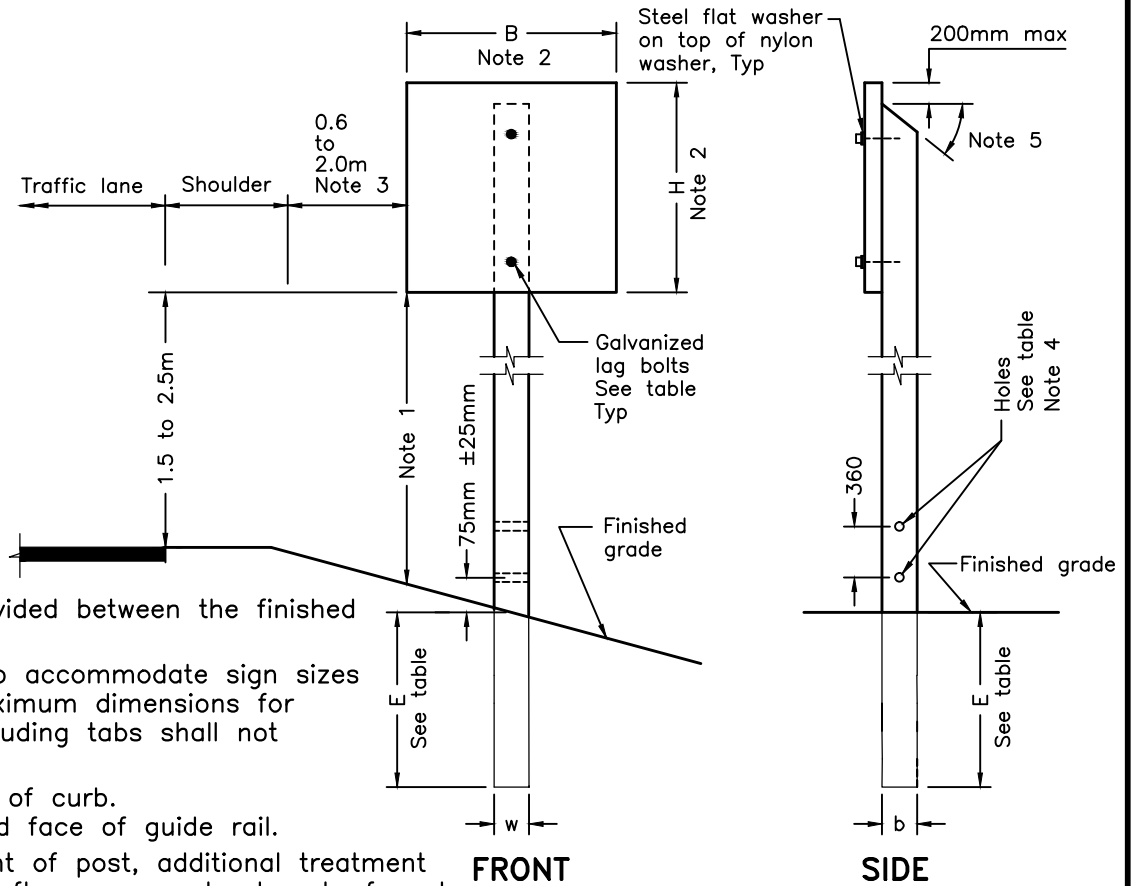



SIGN SUPPORT REQUIREMENTS							
Embedment Depth	Dressed Post Size and Hole Diameter			Note 2			Galvanized Lag Bolt Size
				Max. Sign Dimensions		Max. Sign Area	
E	w	b	Hole Dia.	B cm	H cm	A m ²	inch
920	89	89	N/A	120	90	0.41	3/8 X 3
1000	89	140	38	120	120	0.90	3/8 X 3
1000	140	140	51	120	180	1.08	3/8 X 4
1200	140	184	76	120	180	1.80	3/8 X 4

NOTES:

- 1 Minimum vertical clearance of 2.1m shall be provided between the finished grade and the bottom of the lowest sign or tab.
 - 2 Dressed post size (w and b) shall be selected to accommodate sign sizes specified in the Contract Documents so that maximum dimensions for sign size (B and H) and total sign area (A) including tabs shall not exceed values in the table.
 - 3 When curb is present, minimum 0.3m from face of curb. When guide rail is present, minimum 1.0m behind face of guide rail.
 - 4 When holes are drilled prior to pressure treatment of post, additional treatment of holes is not required. When holes are drilled after pressure treatment of post, additional field treatment of holes is required.
 - 5 When top of post is not cut after pressure treatment, it does not require to be bevelled as shown. When top of post is cut after pressure treatment, it shall be bevelled at 15 to 30° angle and treated in the field.
- A When Wa-33 is specified below a Rb-125, the bottom of the Wa-33 shall be 1.2m above finished grade.
 B System configuration meets NCHRP Report 350 TL-3.
 C Wooden dressed post shall be S-P-F species No. 1 or No. 2 grade.
 D Wooden dressed post shall be stamped for grade, species, and treatment.
 E All dimensions are in millimetres unless otherwise shown.



ONTARIO PROVINCIAL STANDARD DRAWING	Apr 2019	Rev 1	
SMALL SIGN SUPPORT SYSTEM SINGLE BREAKAWAY WOODEN POST 89x89mm, 89x140mm, 140x140mm, AND 140x184mm INSTALLATION-SINGLE POST ASSEMBLY	OPSD 985.110		