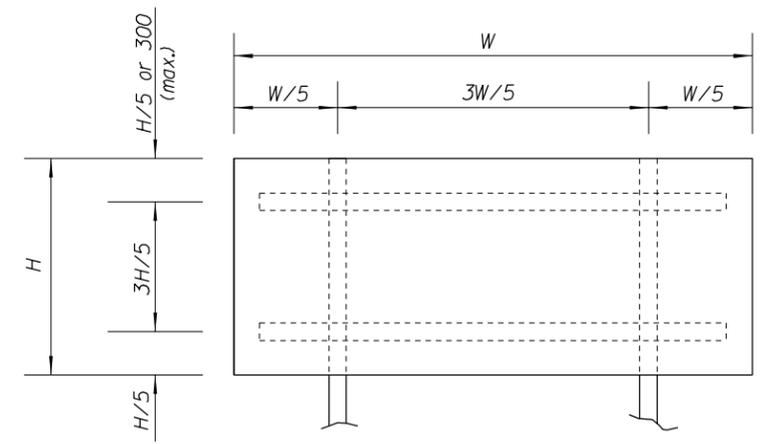
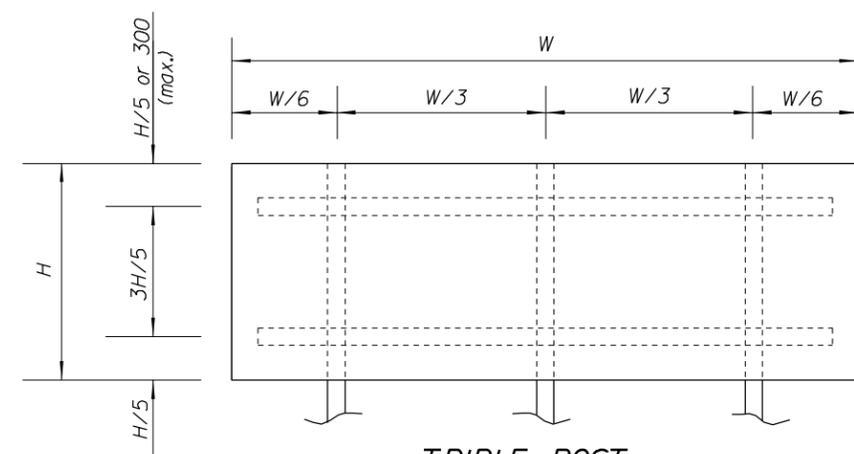


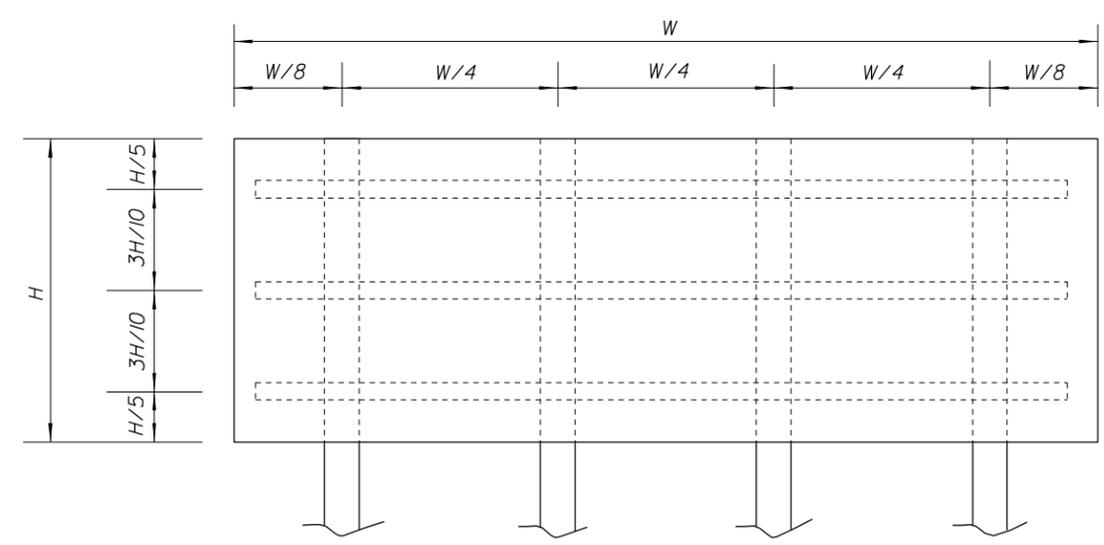
**SINGLE POST**  
(See Notes)



**DOUBLE POST**



**TRIPLE POST**

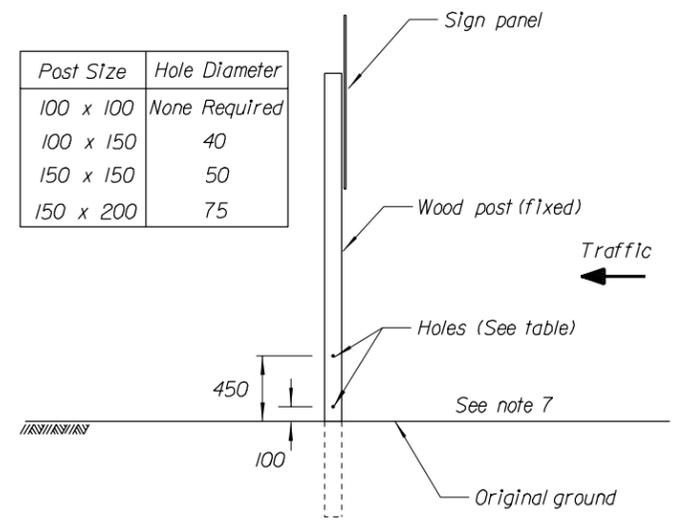


**QUADRUPLE POST**

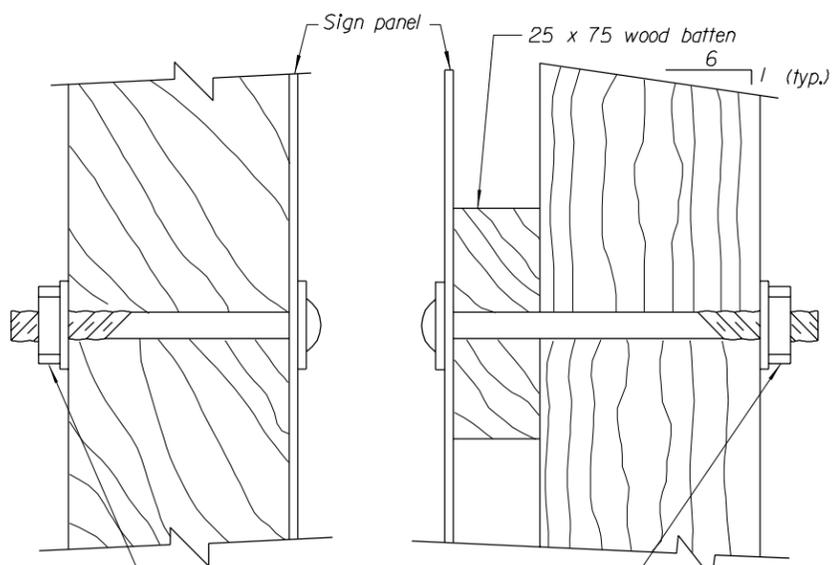
**NOTES:**

1. Unless otherwise shown, dimensions are in millimeters.
2. Locations and height to be in accordance with the "Manual on Uniform Traffic Control Devices for Streets and Highways" (MUTCD), latest edition.
3. Use wood battens bolted to post at vertical spacings not to exceed 750 mm.
4. Use double posts if W is over 900 mm.
5. For sign punching details, see the blank standards in the "Standard Highway Signs" as specified in the MUTCD, latest edition.
6. For steel posts, provide a 6.4 x 150 mm soil plate. Use the same type of steel for the soil plate as for the post. Soil plate is not required for breakaway design.
7. For signs requiring post size 150 x 150 mm and greater, signs are considered to be non-breakaway if multiple posts are required and posts cannot be spaced a minimum of 2 meters apart. Place non-breakaway signs outside the clearzone or shield with approved barrier. Do not place holes in non-breakaway signs.
8. Furnish hardware in the metric sizes shown. Equivalent Imperial sizes may be used when metric sizes are not available.

Post Size	Hole Diameter
100 x 100	None Required
100 x 150	40
150 x 150	50
150 x 200	75



**BREAKAWAY SUPPORT DETAIL**



**WITHOUT BATTEN**

**WITH BATTEN**

**FASTENER DETAIL**

M10 bolt, hexnut and washer, 2024-T4, aluminum or galvanized steel or equal as approved by the CO.

Post Size (millimeters)	D (min.)	Maximum Sign Area (square meters)			
		Single Post	Double Post	Triple Post	Quadruple Post
100 x 100 (Wood)	900	0.9	1.8		
100 x 150 (Wood)	1200	1.4	3.3	4.2	5.6
150 x 150 (Wood)	1200	1.8	4.6	6.9	9.3

NO SCALE

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION  
EASTERN FEDERAL LANDS HIGHWAY DIVISION

**METRIC DETAIL**

**SIGN STRUCTURES**

DETAIL APPROVED FOR USE ---

REVISED: 09/95 07/98

DETAIL EM633-01