STANDARD NO. PS-4B

REVISION DATE
7-13-01

*.DGN FILE NAME
PS-4B

METRIC STANDARD PLANS

STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION, CONCORD, N.H.

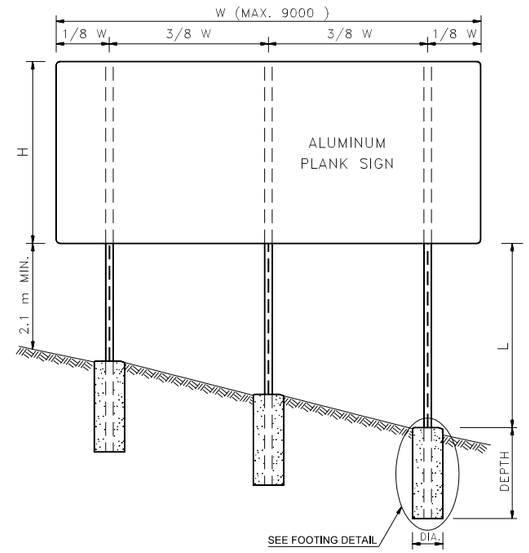
STANDARD NO. PS-4B

PROCEDURE FOR SELECTING BEAM SECTIONS

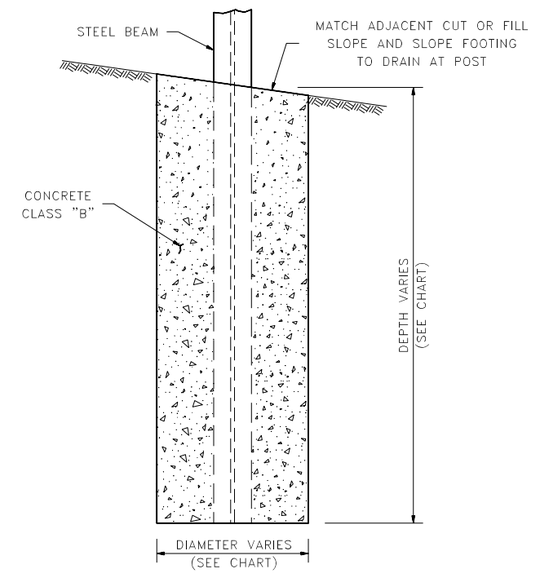
- DETERMINE VALUES FOR W, H, & L AS INDICATED IN DRAWING
  - W = MAXIMUM WIDTH OF REQUIRED SIGN
  - H = MAXIMUM HEIGHT OF REQUIRED SIGN
  - L = MAXIMUM DISTANCE BETWEEN TOP OF FOOTING AND BOTTOM OF REQUIRED SIGN. (SEE GENERAL NOTE NO. 4)
- FOR SIGN SIZES BETWEEN THOSE VALUES IN THE TABLE, USE NEXT HIGHEST METER VALUE.
- ENTER TABLE WITH MAXIMUM VALUE OF "L" AND REQUIRED VALUES OF "W" AND "H" FOR SELECTION OF APPROPRIATE BEAM SELECTION.

3 POST SIGN

W(mm)	L(m)	H(mm) 1200	1500	1800	2100	2400	2700	3000	3300	3600	3900	4200	4500
6600	2.4	W150x18	W150x18	W150x22	W150x22	W200x27	W200x27	W200x27	W200x27	W200x27	W200x31	W200x31	W250x33
	3.0	W150x18	W150x22	W150x22	W200x27	W200x27	W200x27	W200x27	W200x27	W200x31	W250x33	W250x33	W250x33
	3.6	W150x18	W150x22	W200x27	W200x27	W200x27	W200x27	W200x27	W200x31	W250x33	W250x33	W250x33	W250x39
	4.3	W150x22	W200x27	W200x27	W200x27	W200x27	W200x27	W200x31	W250x33	W250x33	W250x33	W250x39	W250x39
	4.9	W150x22	W200x27	W200x27	W200x27	W200x27	W200x31	W250x33	W250x33	W250x33	W250x39	W250x39	W310x39
	5.5	W150x22	W200x27	W200x27	W200x27	W200x31	W200x31	W250x33	W250x33	W250x39	W250x39	W310x39	W310x39
	6.1	W200x27	W200x27	W200x27	W200x27	W200x31	W250x33	W250x33	W250x39	W250x39	W310x39	W310x39	W310x39
	6.7	W200x27	W200x27	W200x27	W200x31	W200x31	W250x33	W250x33	W250x39	W250x39	W310x39	W310x39	W310x39
7200	2.4	W150x18	W150x18	W150x22	W200x27	W200x27	W200x27	W200x27	W200x27	W200x31	W200x31	W250x33	W250x33
	3.0	W150x18	W150x22	W200x27	W200x27	W200x27	W200x27	W200x27	W200x31	W250x33	W250x33	W250x33	W250x39
	3.6	W150x22	W150x22	W200x27	W200x27	W200x27	W200x27	W200x31	W250x33	W250x33	W250x33	W250x39	W250x39
	4.3	W150x22	W200x27	W200x27	W200x27	W200x27	W200x31	W200x31	W250x33	W250x33	W250x39	W250x39	W310x39
	4.9	W150x22	W200x27	W200x27	W200x27	W200x31	W200x31	W250x33	W250x33	W250x39	W250x39	W310x39	W310x39
	5.5	W200x27	W200x27	W200x27	W200x27	W200x31	W250x33	W250x33	W250x39	W250x39	W310x39	W310x39	W310x39
	6.1	W200x27	W200x27	W200x27	W200x31	W200x31	W250x33	W250x39	W250x39	W310x39	W310x39	W310x39	--
	6.7	W200x27	W200x27	W200x27	W200x31	W250x33	W250x33	W250x39	W250x39	W310x39	W310x39	W310x39	--
7800	2.4	W150x18	W150x22	W150x22	W200x27	W200x27	W200x27	W200x27	W200x31	W200x31	W250x33	W250x33	W250x39
	3.0	W150x18	W150x22	W200x27	W200x27	W200x27	W200x27	W200x31	W200x31	W250x33	W250x33	W250x39	W250x39
	3.6	W150x22	W200x27	W200x27	W200x27	W200x27	W200x31	W200x31	W250x33	W250x33	W250x39	W250x39	W310x39
	4.3	W150x22	W200x27	W200x27	W200x27	W200x27	W200x31	W250x33	W250x33	W250x39	W250x39	W310x39	W310x39
	4.9	W200x27	W200x27	W200x27	W200x27	W200x31	W250x33	W250x33	W250x39	W250x39	W310x39	W310x39	W310x39
	5.5	W200x27	W200x27	W200x27	W200x31	W200x31	W250x33	W250x39	W250x39	W310x39	W310x39	W310x39	--
	6.1	W200x27	W200x27	W200x27	W200x31	W250x33	W250x33	W250x39	W250x39	W310x39	W310x39	--	--
	6.7	W200x27	W200x27	W200x31	W250x33	W250x33	W250x39	W250x39	W310x39	W310x39	W310x39	--	--
	7.3	W200x27	W200x27	W200x31	W250x33	W250x33	W250x39	W310x39	W310x39	W310x39	--	--	--
8400	2.4	W150x18	W150x22	W200x27	W200x27	W200x27	W200x27	W200x27	W200x31	W250x33	W250x33	W250x39	W250x39
	3.0	W150x22	W150x22	W200x27	W200x27	W200x27	W200x27	W200x31	W250x33	W250x33	W250x39	W250x39	W310x39
	3.6	W150x22	W200x27	W200x27	W200x27	W200x27	W200x31	W250x33	W250x33	W250x39	W250x39	W310x39	W310x39
	4.3	W150x22	W200x27	W200x27	W200x27	W200x31	W250x33	W250x33	W250x39	W250x39	W310x39	W310x39	W310x39
	4.9	W200x27	W200x27	W200x27	W200x31	W200x31	W250x33	W250x33	W250x39	W310x39	W310x39	W310x39	--
	5.5	W200x27	W200x27	W200x27	W200x31	W250x33	W250x33	W250x39	W250x39	W310x39	W310x39	--	--
	6.1	W200x27	W200x27	W200x31	W200x31	W250x33	W250x39	W250x39	W310x39	W310x39	--	--	--
	6.7	W200x27	W200x27	W200x31	W250x33	W250x33	W250x39	W310x39	W310x39	W310x39	--	--	--
	7.3	W200x27	W200x27	W200x31	W250x33	W250x39	W250x39	W310x39	W310x39	--	--	--	--
9000	2.4	W150x18	W150x22	W200x27	W200x27	W200x27	W200x27	W200x31	W200x31	W250x33	W250x33	W250x39	W250x39
	3.0	W150x22	W200x27	W200x27	W200x27	W200x27	W200x31	W200x31	W250x33	W250x33	W250x39	W250x39	W310x39
	3.6	W150x22	W200x27	W200x27	W200x27	W200x31	W200x31	W250x33	W250x33	W250x39	W250x39	W310x39	W310x39
	4.3	W200x27	W200x27	W200x27	W200x27	W200x31	W250x33	W250x33	W250x39	W250x39	W310x39	W310x39	--
	4.9	W200x27	W200x27	W200x27	W200x31	W250x33	W250x33	W250x39	W250x39	W310x39	W310x39	--	--
	5.5	W200x27	W200x27	W200x31	W200x31	W250x33	W250x39	W250x39	W310x39	W310x39	W310x39	--	--
	6.1	W200x27	W200x27	W200x31	W250x33	W250x33	W250x39	W310x39	W310x39	W310x39	--	--	--
	6.7	W200x27	W200x27	W200x31	W250x33	W250x39	W250x39	W310x39	W310x39	--	--	--	--
	7.3	W200x27	W200x31	W250x33	W250x33	W250x39	W310x39	W310x39	--	--	--	--	--



POST SPACING DETAIL



FOOTING DETAIL

POST	FOOTING	
SIZE	DEPTH	DIAMETER
S100x11	1.8 m	600 mm
W150x14	1.8 m	600 mm
W150x18	1.8 m	600 mm
W150x22	2.3 m	600 mm
W200x27	2.3 m	750 mm
W200x31	2.6 m	750 mm
W250x33	2.6 m	900 mm
W250x39	2.6 m	900 mm
W310x39	2.6 m	900 mm

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS OR METERS. WHOLE NUMBERS INDICATE MILLIMETERS; DECIMAL NUMBERS INDICATE METERS UNLESS OTHERWISE NOTED.

PERMANENT SIGNING STANDARD

STEEL BEAM DETAILS
(NON-BREAKAWAY)

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