STANDARD NO. PS-5B

REVISION DATE
7-13-01

*.DGN FILE NAME
PS-5B

METRIC STANDARD PLANS

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

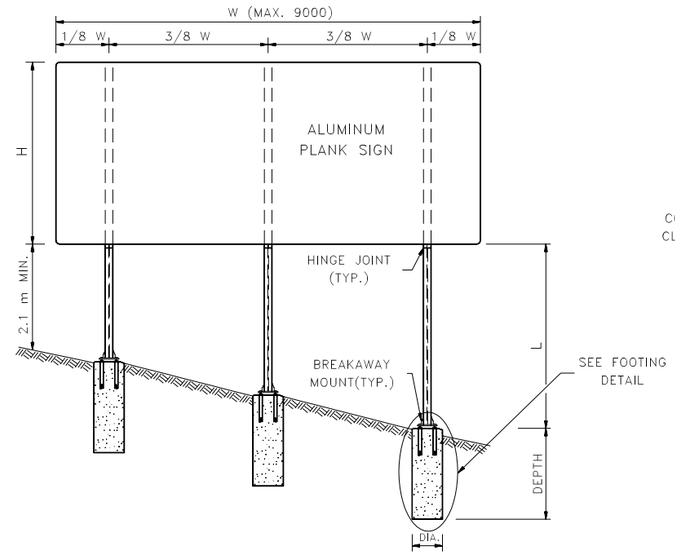
STANDARD NO. PS-5B

PROCEDURE FOR SELECTING BEAM SECTIONS

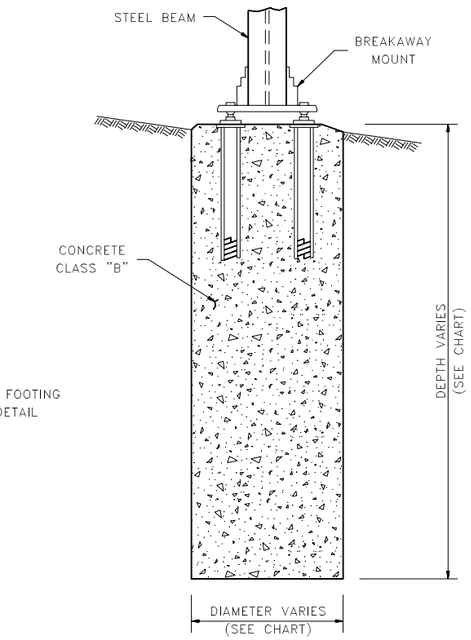
- DETERMINE VALUES OF W, H, & L AS INDICATED IN DRAWING
  - W = MAXIMUM WIDTH OF REQUIRED SIGN
  - H = MAXIMUM HEIGHT OF REQUIRED SIGN
  - L = MAXIMUM DISTANCE BETWEEN TOP OF FOOTING AND BOTTOM OF REQUIRED SIGN (SEE GENERAL NOTE NO. 4)
- FOR SIGN SIZES BETWEEN THOSE VALUES IN THE TABLE, USE NEXT HIGHEST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

3 POST SIGN

W(mm)	L(m)	H(mm) 1200	1500	1800	2100	2400	2700	3000	3300	3600	3900	4200	4500
6600	2.4	W150x14	W150x14	W150x18	W150x18	W150x22	W200x27	W200x27	W200x27	W200x27	W250x33	W360x45	--
	3.0	W150x18	W150x18	W150x22	W150x22	W200x27	W200x27	W200x27	W200x31	W250x33	W310x39	W360x45	--
	3.6	W150x18	W150x22	W200x27	W200x27	W200x27	W200x31	W200x31	W200x31	W250x39	W310x39	W360x45	--
	4.3	W150x22	W200x27	W200x27	W200x31	W200x31	W200x31	W250x39	W250x39	W250x39	W310x39	W360x45	--
	4.9	W200x27	W200x27	W200x31	W200x31	W250x39	W250x39	W250x39	W310x39	W310x39	--	--	--
7200	2.4	W150x14	W150x14	W150x18	W150x18	W200x27	W200x27	W200x27	W200x27	W200x31	W250x33	W360x45	--
	3.0	W150x18	W150x18	W150x22	W200x27	W200x27	W200x27	W200x27	W250x33	W250x39	W310x39	W360x45	--
	3.6	W150x22	W150x22	W200x27	W200x27	W200x31	W200x31	W200x31	W250x39	W250x39	W310x39	W360x45	--
	4.3	W150x22	W200x27	W200x27	W200x31	W200x31	W250x39	W250x39	W250x39	W250x39	W310x39	W360x45	--
	4.9	W200x27	W200x27	W200x31	W200x31	W250x39	W250x39	W250x39	W310x39	--	--	--	--
7800	2.4	W150x14	W150x18	W150x18	W150x18	W200x27	W200x27	W200x27	W200x27	W250x33	W310x39	--	--
	3.0	W150x18	W150x22	W150x22	W200x27	W200x27	W200x27	W200x31	W250x33	W310x39	W360x45	--	--
	3.6	W150x22	W150x22	W200x27	W200x27	W200x31	W200x31	W200x31	W250x39	W310x39	W360x45	--	--
	4.3	W150x22	W200x31	W200x31	W200x31	W200x31	W250x39	W250x39	W250x39	W310x39	W360x45	--	--
	4.9	W200x27	W200x31	W200x31	W250x39	W250x39	W250x39	W310x39	W360x45	--	--	--	--
8400	2.4	W150x14	W150x18	W150x18	W200x27	W200x27	W200x27	W200x27	W200x27	W250x33	W310x39	--	--
	3.0	W150x18	W150x22	W200x27	W200x27	W200x27	W200x27	W250x33	W250x33	W310x39	W360x45	--	--
	3.6	W150x22	W150x22	W200x27	W200x27	W200x31	W200x31	W250x39	W250x39	W310x39	W360x45	--	--
	4.3	W200x27	W200x27	W200x31	W250x39	W250x39	W250x39	W250x39	W310x39	W310x39	--	--	--
	4.9	W200x27	W200x31	W200x31	W250x39	W250x39	W250x39	W310x39	--	--	--	--	--
9000	2.4	W150x14	W150x18	W150x22	W200x27	W200x27	W200x27	W200x27	W250x33	W250x39	W310x39	--	--
	3.0	W150x18	W150x22	W200x27	W200x27	W200x27	W200x27	W250x33	W310x39	W360x45	--	--	--
	3.6	W150x22	W200x27	W200x27	W200x31	W200x31	W250x33	W250x39	W310x39	W360x45	--	--	--
	4.3	W200x27	W200x27	W200x31	W200x31	W250x39	W250x39	W250x39	W310x39	--	--	--	--
	4.9	W200x27	W200x31	W250x39	W250x39	W250x39	W310x39	--	--	--	--	--	--



POST SPACING DETAIL



FOOTING DETAIL

POST	FOOTING	
SIZE	DEPTH	DIAMETER
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
W360x45	2.7 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 (BREAKAWAY)

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