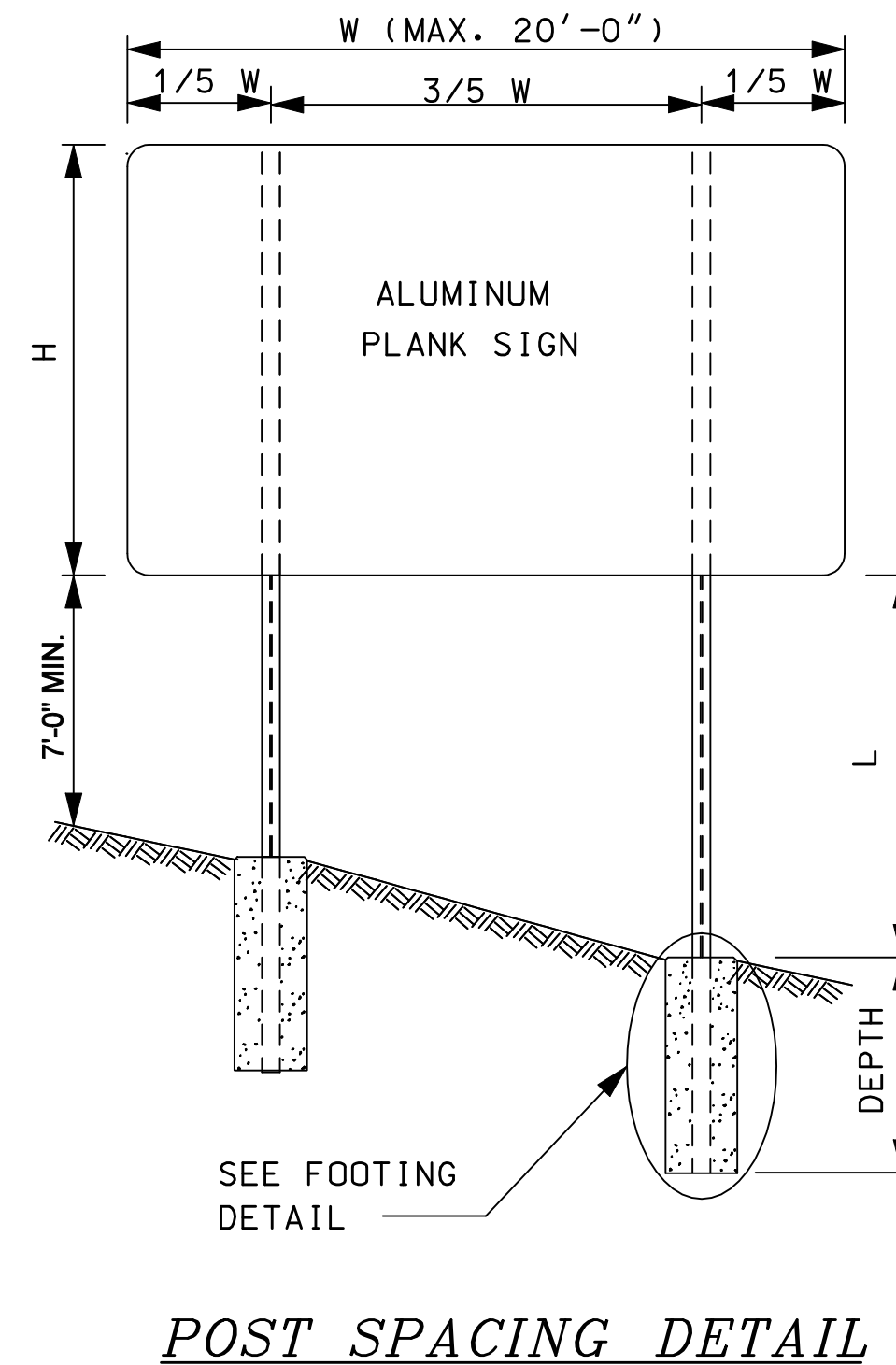


**PROCEDURE FOR SELECTING BEAM SECTIONS**

- DETERMINE VALUES FOR W, H, & L AS INDICATED IN DRAWING  
 W = MAXIMUM WIDTH OF REQUIRED SIGN  
 H = MAXIMUM HEIGHT OF REQUIRED SIGN INCLUDING AUXILIARY SIGNS AND SERVICE SYMBOLS.  
 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 SELECTION.

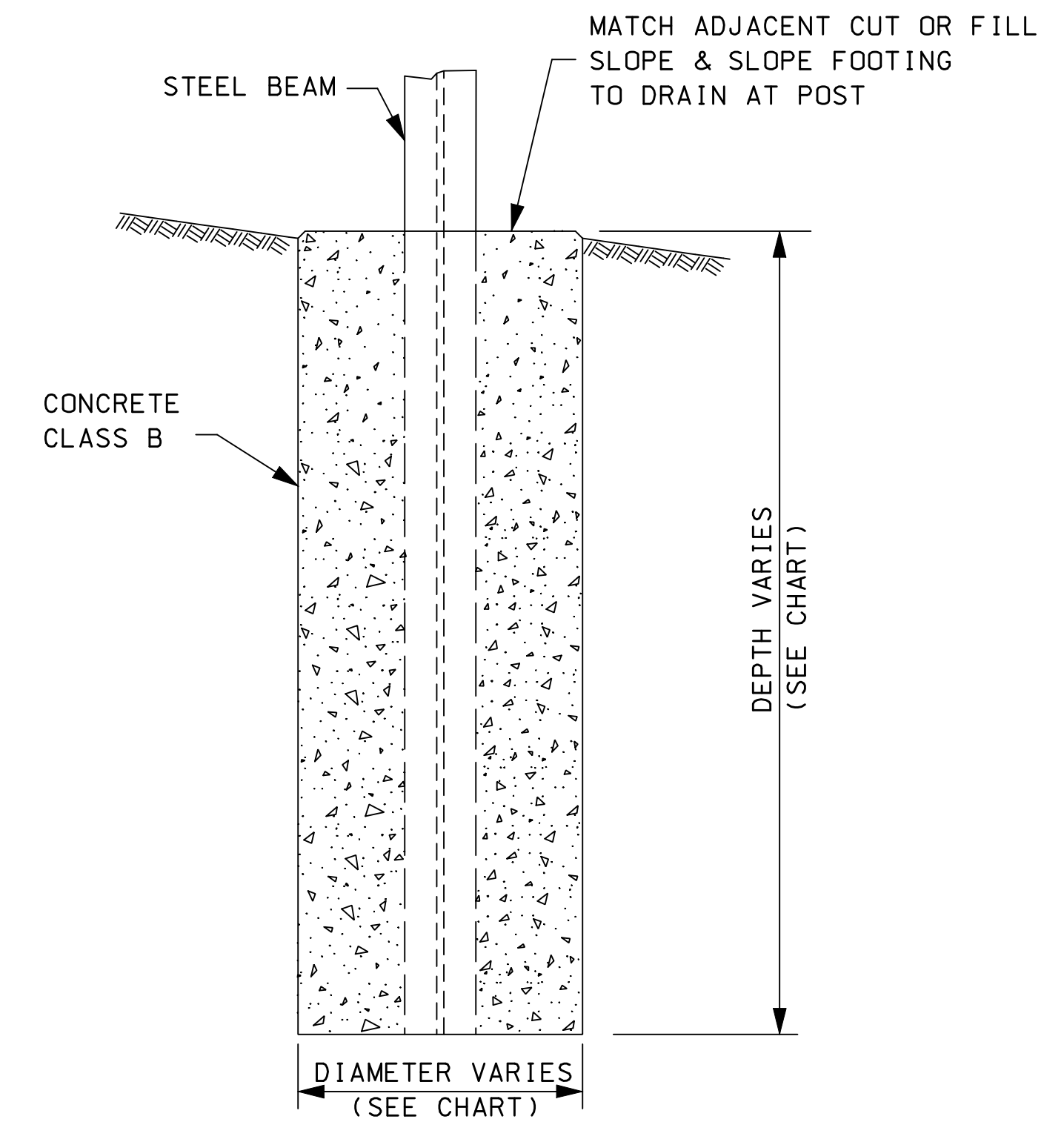
2 POST SIGN													
W	L	H											
		4'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'
6'	8'	S4x7.7	S4x7.7	S4x7.7	S4x7.7	W6x9	W6x9	W6x9	W6x12	W6x12	W6x12	W6x15	W6x15
	10'	S4x7.7	S4x7.7	S4x7.7	W6x9	W6x9	W6x9	W6x12	W6x12	W6x15	W6x15	W6x15	W6x18
	12'	S4x7.7	S4x7.7	W6x9	W6x9	W6x9	W6x12	W6x12	W6x15	W6x15	W6x15	W8x18	W8x18
8'	8'	S4x7.7	S4x7.7	W6x9	W6x9	W6x9	W6x12	W6x12	W6x15	W6x15	W6x15	W8x18	W8x18
	10'	S4x7.7	W6x9	W6x9	W6x9	W6x12	W6x12	W6x15	W6x15	W6x15	W6x18	W8x18	W8x18
	12'	S4x7.7	W6x9	W6x9	W6x12	W6x12	W6x15	W6x15	W6x15	W6x18	W8x18	W8x18	W8x18
10'	8'	S4x7.7	W6x9	W6x9	W6x12	W6x12	W6x15	W6x15	W6x15	W8x18	W8x18	W8x18	W8x18
	10'	W6x9	W6x9	W6x12	W6x12	W6x15	W6x15	W6x15	W8x18	W8x18	W8x18	W8x18	W8x18
	12'	W6x9	W6x9	W6x12	W6x12	W6x15	W6x15	W8x18	W8x18	W8x18	W8x18	W8x18	W8x18
	14'	W6x9	W6x12	W6x12	W6x15	W6x15	W8x18	W8x18	W8x18	W8x18	W8x18	W8x18	W8x21
	16'	W6x9	W6x12	W6x15	W6x15	W8x18	W8x18	W8x18	W8x18	W8x18	W8x18	W8x21	W8x21
12'	8'	W6x9	W6x9	W6x12	W6x12	W6x15	W6x15	W8x18	W8x18	W8x18	W8x18	W8x18	W8x18
	10'	W6x9	W6x9	W6x12	W6x15	W6x15	W8x18	W8x18	W8x18	W8x18	W8x18	W8x18	W8x21
	12'	W6x9	W6x12	W6x15	W6x15	W8x18	W8x18	W8x18	W8x18	W8x18	W8x18	W8x21	W8x21
	14'	W6x12	W6x12	W6x15	W6x15	W8x18	W8x18	W8x18	W8x18	W8x18	W8x21	W8x21	W10x22
	16'	W6x12	W6x15	W6x15	W8x18	W8x18	W8x18	W8x18	W8x18	W8x21	W8x21	W10x22	W10x22
14'	8'	W6x12	W6x15	W6x15	W8x18	W8x18	W8x18	W8x18	W8x18	W8x21	W8x21	W10x22	W10x22
	10'	W6x12	W6x15	W6x15	W8x18	W8x18	W8x18	W8x18	W8x21	W8x21	W10x22	W10x22	W10x22
	12'	W6x15	W6x15	W8x18	W8x18	W8x18	W8x18	W8x21	W8x21	W10x22	W10x22	W10x26	W10x26
	14'	W6x15	W8x18	W8x18	W8x18	W8x18	W8x21	W8x21	W10x22	W10x22	W10x26	W10x26	W10x26
	16'	W6x15	W8x18	W8x18	W8x18	W8x18	W8x21	W8x21	W10x22	W10x22	W10x26	W10x26	W10x26
16'	8'	W6x12	W6x15	W6x15	W8x18	W8x18	W8x18	W8x18	W8x21	W8x21	W10x22	W10x22	W10x26
	10'	W6x15	W6x15	W8x18	W8x18	W8x18	W8x18	W8x21	W10x22	W10x22	W10x22	W10x26	W10x26
	12'	W6x15	W8x18	W8x18	W8x18	W8x18	W8x18	W8x21	W10x22	W10x22	W10x26	W10x26	W12x26
	14'	W6x15	W8x18	W8x18	W8x18	W8x18	W8x21	W10x22	W10x22	W10x26	W10x26	W12x26	W12x26
	16'	W8x18	W8x18	W8x18	W8x18	W8x21	W10x22	W10x22	W10x26	W10x26	W12x26	W12x26	W12x26
	18'	W8x18	W8x18	W8x18	W8x21	W8x21	W10x22	W10x22	W10x26	W10x26	W12x26	W12x26	W12x26
18'	8'	W6x12	W6x15	W8x18	W8x18	W8x18	W8x18	W8x21	W10x22	W10x22	W10x22	W10x26	W10x26
	10'	W6x15	W6x15	W8x18	W8x18	W8x18	W8x18	W8x21	W10x22	W10x22	W10x22	W10x26	W10x26
	12'	W6x15	W8x18	W8x18	W8x18	W8x18	W8x21	W10x22	W10x22	W10x26	W10x26	W12x26	W12x26
	14'	W8x18	W8x18	W8x18	W8x18	W8x21	W10x22	W10x22	W10x26	W10x26	W12x26	W12x26	W12x26
	16'	W8x18	W8x18	W8x18	W8x21	W8x21	W10x22	W10x22	W10x26	W10x26	W12x26	W12x26	W12x26
20'	8'	W6x15	W6x15	W8x18	W8x18	W8x18	W8x18	W8x21	W10x22	W10x22	W10x22	W10x26	W10x26
	10'	W6x15	W8x18	W8x18	W8x18	W8x18	W8x21	W10x22	W10x22	W10x26	W10x26	W12x26	W12x26
	12'	W8x18	W8x18	W8x18	W8x18	W8x21	W10x22	W10x22	W10x26	W10x26	W12x26	W12x26	W12x26
	14'	W8x18	W8x18	W8x18	W8x21	W8x21	W10x22	W10x26	W10x26	W12x26	W12x26	W12x26	--
	16'	W8x18	W8x18	W8x18	W8x21	W10x22	W10x22	W10x26	W10x26	W12x26	W12x26	--	--
	18'	W8x18	W8x18	W8x21	W10x22	W10x22	W10x26	W10x26	W12x26	W12x26	W12x26	--	--
20'	W8x18	W8x18	W8x21	W10x22	W10x26	W10x26	W12x26	W12x26	W12x26	--	--	--	



**POST SPACING DETAIL**

**GENERAL NOTES**

1. SIGNS SHALL BE PROVIDED FOR LOCATIONS SPECIFIED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. SEE SIGN TEXT LAYOUT SHEETS AND PLANS FOR SIGN SIZES AND APPROXIMATE LOCATIONS.
2. DIMENSIONS, ELEVATIONS, SLOPES, AND SITUATIONS SHOWN ARE FOR ILLUSTRATIVE PURPOSES ONLY. ACTUAL CASES WILL DEPEND ON FIELD CONDITIONS.
3. WHEN TWO OR MORE INDEPENDENT SIGNS ARE MOUNTED AS A SINGLE INSTALLATION, THE POST SUPPORTS SHALL BE CALCULATED WITH THE TOTAL AREA OF THE SIGNS BEING CONSIDERED AS ONE UNIT, INCLUDING AN ALLOWANCE FOR A 6" VERTICAL SPACE BETWEEN THE SIGNS.
4. POST LENGTH TO BE DETERMINED BY SIGN SIZE AND LOCATION. EXACT FIELD LOCATION TO BE DETERMINED BY THE ENGINEER.
5. THE MINIMUM HORIZONTAL CLEARANCE TO THE NEAR EDGE OF THE SIGN OF ANY MULTIPLE POST NON-BREAKAWAY MOUNT SIGN SHALL BE 7'-0" MIN. FROM FACE OF BEAM GUARDRAIL. OTHER TYPES OF GUARDRAIL OR BARRIER MAY REQUIRE A DIFFERENT OFFSET.
6. SEE STANDARD NO. PS-1 & PS-2 FOR ADDITIONAL INFORMATION.



**FOOTING DETAIL**

POST SIZE	FOOTING	
	DEPTH	DIAMETER
S4x7.7	6'	24"
W6x9	6'	24"
W6x12	6'	24"
W6x15	7'-6"	24"
W8x18	7'-6"	30"
W8x21	8'-6"	30"
W10x22	8'-6"	36"
W10x26	8'-6"	36"
W12x26	8'-6"	36"

**SIGNING STANDARD**  
**STEEL BEAM DETAILS**  
**NON-BREAKAWAY**

**STANDARD NO. PS-5**

REVISION DATE	07-13-2001
	02-26-2010
DGN FILE NAME	PS-5

**STANDARD PLANS**



**STANDARD NO. PS-5**