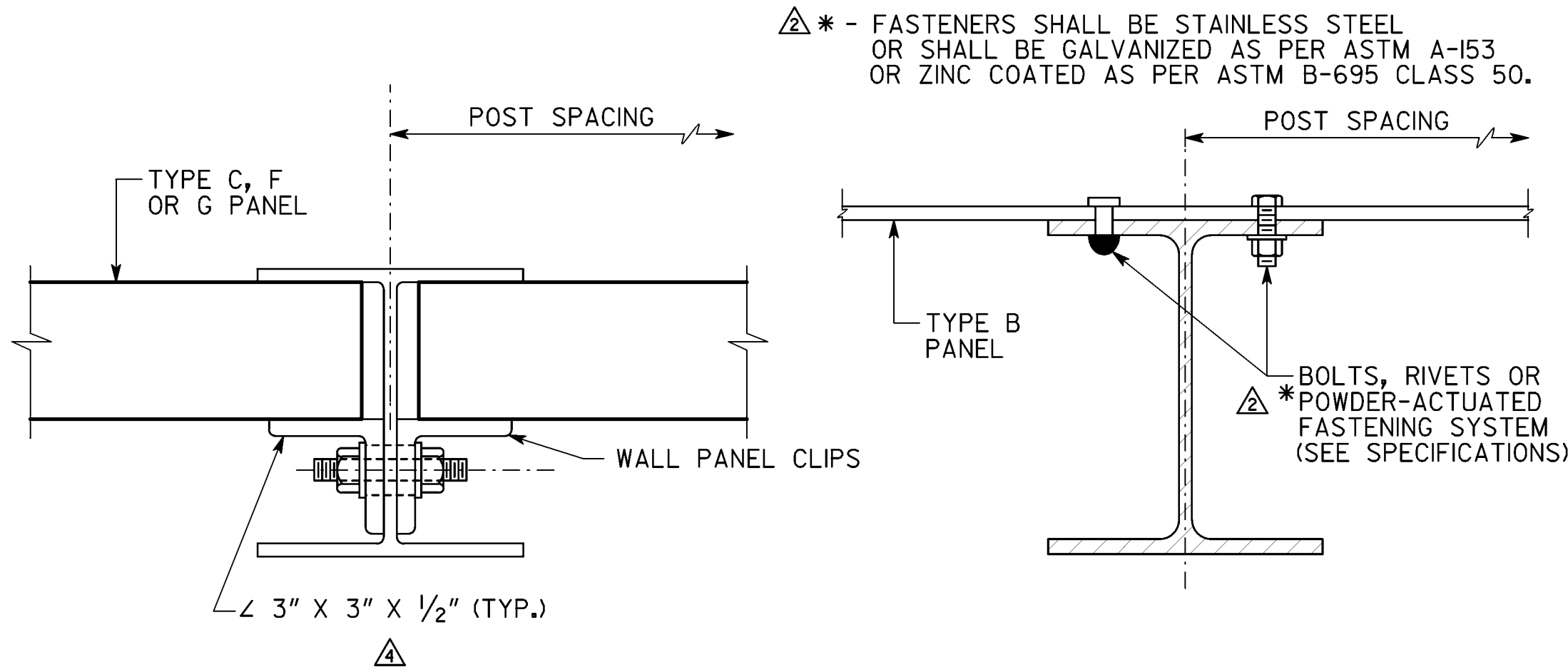
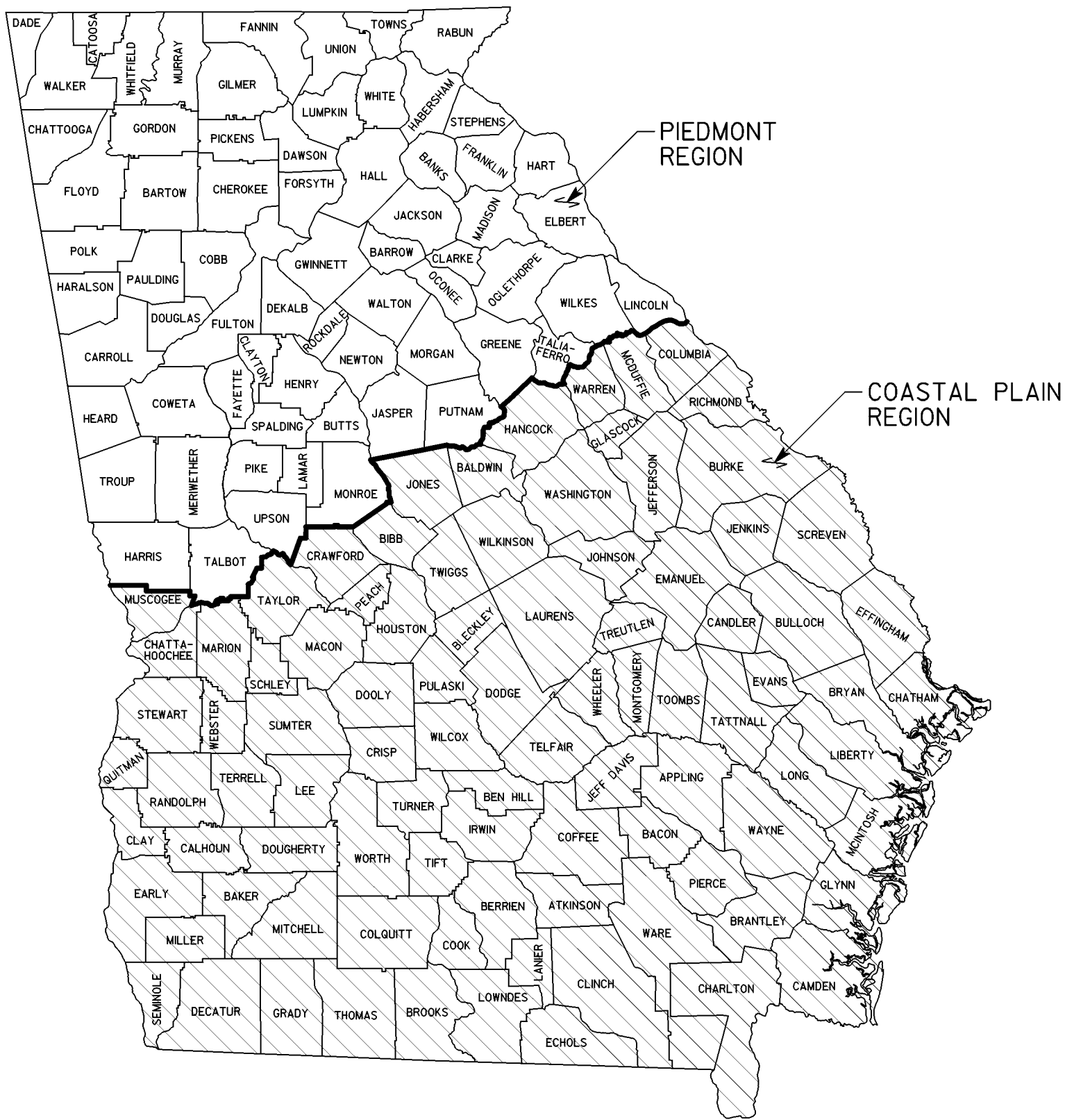
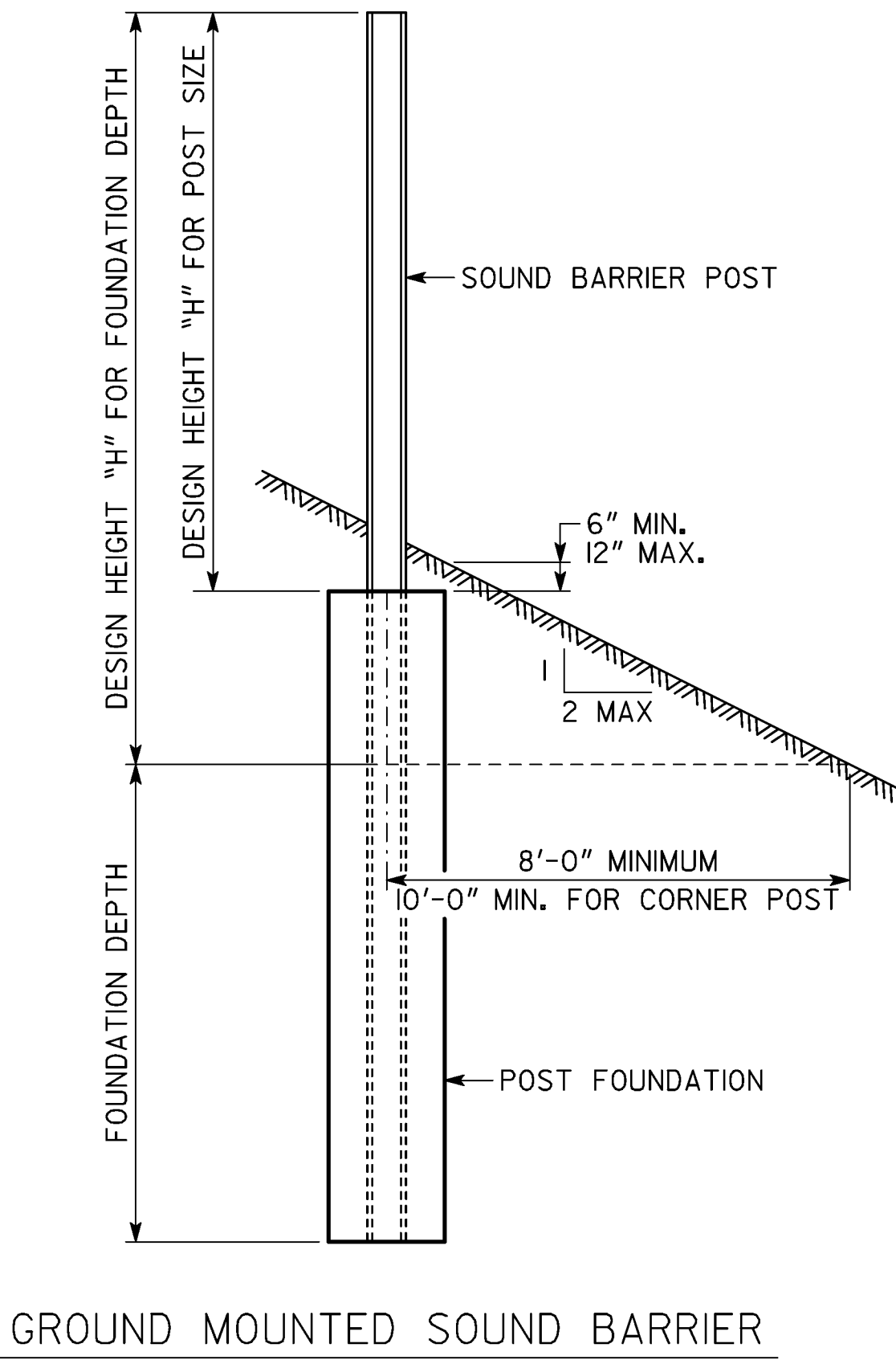
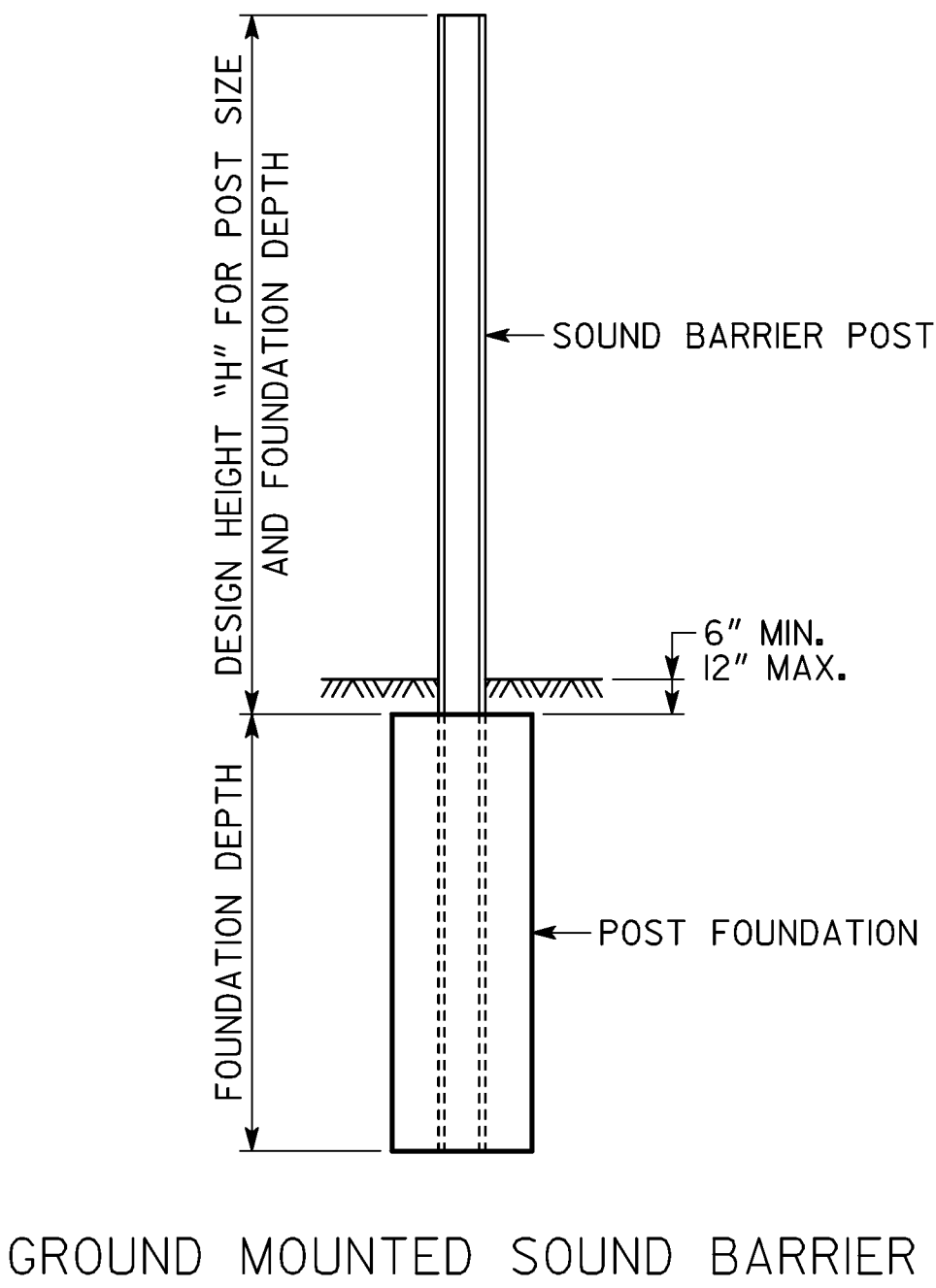
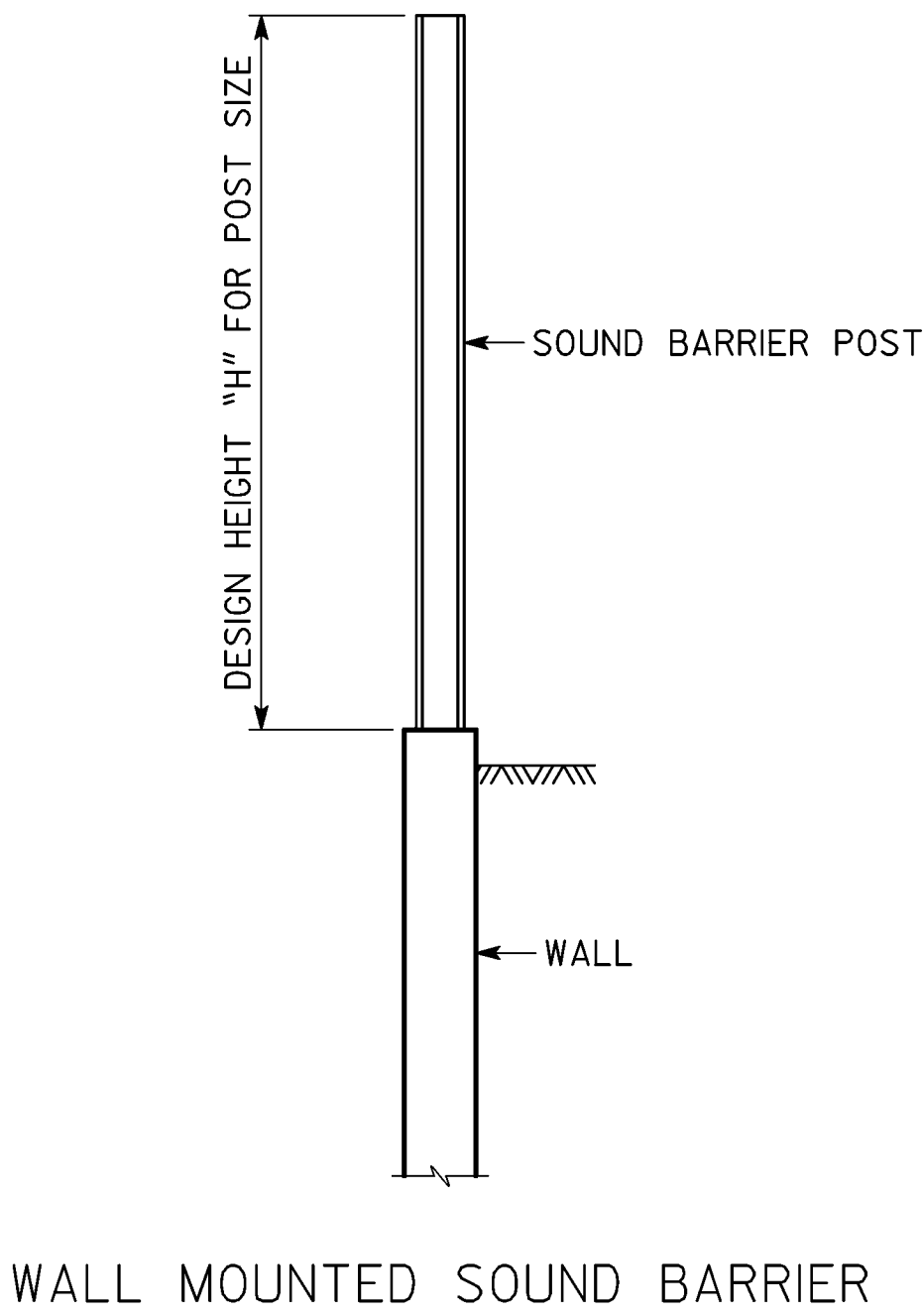
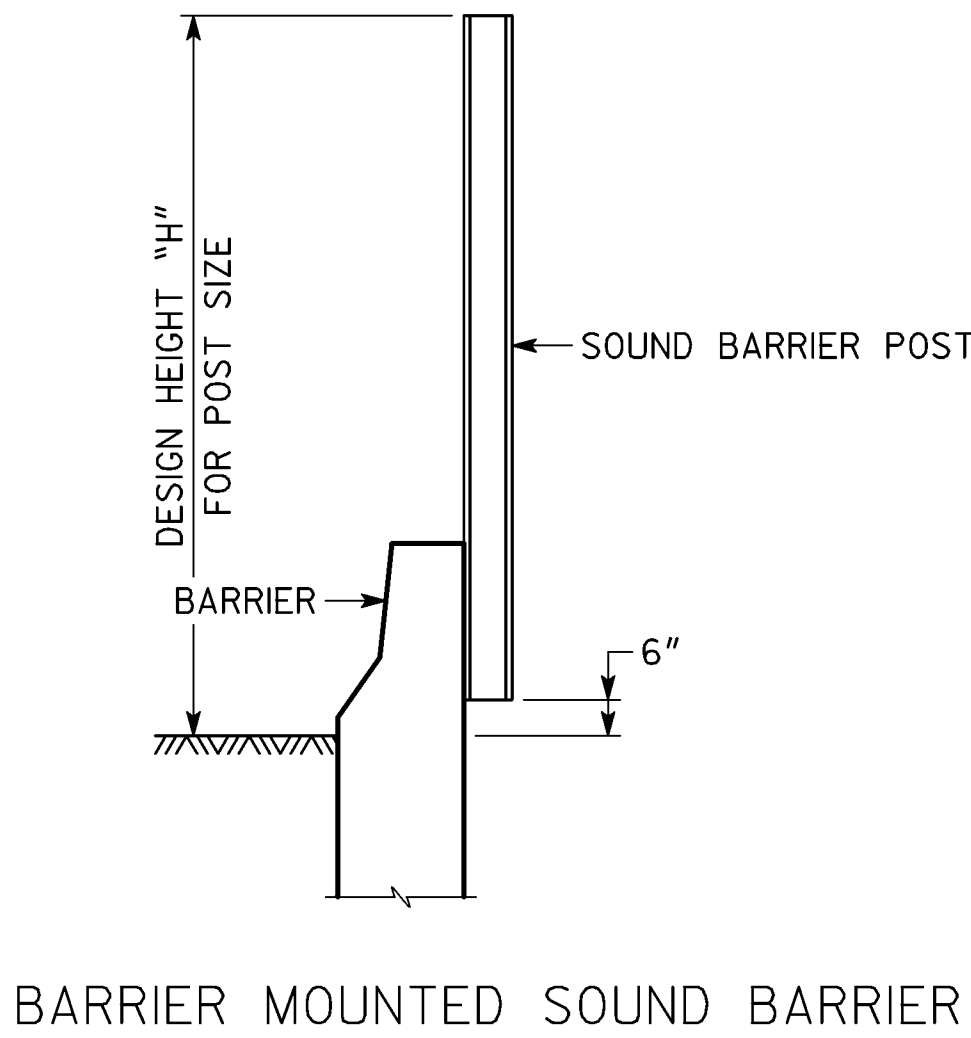


FOUNDATION DEPTH AND DIAMETER Δ																		
DESIGN HEIGHT "H"	PIEDMONT (POST SPACING)									COASTAL PLAIN (POST SPACING)								
	10'-0"			15'-0"			20'-0"			10'-0"			15'-0"			20'-0"		
	DEPTH	DIAMETER	CORNER POST DIAMETER	DEPTH	DIAMETER	CORNER POST DIAMETER	DEPTH	DIAMETER	CORNER POST DIAMETER	DEPTH	DIAMETER	CORNER POST DIAMETER	DEPTH	DIAMETER	CORNER POST DIAMETER	DEPTH	DIAMETER	CORNER POST DIAMETER
6'-0"	4'-3"	2'-0"	2'-6"	5'-0"	2'-0"	2'-6"	6'-0"	2'-0"	2'-6"	6'-6"	2'-0"	3'-0"	7'-9"	2'-0"	3'-0"	8'-9"	2'-0"	3'-0"
8'-0"	5'-3"	2'-0"	2'-6"	6'-3"	2'-0"	2'-6"	7'-3"	2'-0"	3'-0"	7'-9"	2'-0"	3'-0"	9'-0"	2'-0"	3'-0"	10'-3"	2'-0"	3'-0"
10'-0"	6'-3"	2'-0"	2'-6"	7'-6"	2'-0"	3'-0"	8'-6"	2'-0"	3'-0"	8'-9"	2'-0"	3'-0"	10'-3"	2'-0"	3'-0"	11'-6"	2'-0"	3'-0"
12'-0"	7'-3"	2'-0"	3'-0"	8'-6"	2'-0"	3'-0"	8'-9"	2'-6"	3'-6"	9'-9"	2'-0"	3'-0"	11'-6"	2'-0"	3'-0"	11'-9"	2'-6"	3'-6"
14'-0"	8'-3"	2'-0"	3'-0"	8'-6"	2'-6"	3'-6"	9'-9"	2'-6"	3'-6"	10'-6"	2'-0"	3'-0"	11'-9"	2'-6"	3'-6"	12'-9"	2'-6"	3'-6"
16'-0"	7'-9"	2'-6"	3'-6"	9'-6"	2'-6"	3'-6"	10'-6"	2'-6"	3'-6"	10'-6"	2'-6"	3'-6"	12'-9"	2'-6"	3'-6"	13'-9"	2'-6"	3'-6"
18'-0"	8'-6"	2'-6"	3'-6"	10'-3"	2'-6"	3'-6"	11'-6"	2'-6"	3'-6"	11'-3"	2'-6"	3'-6"	13'-6"	2'-6"	3'-6"	14'-9"	2'-6"	3'-6"
20'-0"	9'-3"	2'-6"	3'-6"	11'-3"	2'-6"	3'-6"	12'-6"	2'-6"	3'-6"	12'-0"	2'-6"	3'-6"	14'-6"	2'-6"	3'-6"	15'-9"	2'-6"	3'-6"
22'-0"	10'-0"	2'-6"	3'-6"	12'-0"	2'-6"	3'-6"	13'-6"	2'-6"	4'-0"	12'-9"	2'-6"	3'-6"	15'-0"	2'-6"	3'-6"	15'-6"	3'-0"	4'-0"
24'-0"	10'-6"	2'-6"	3'-6"	12'-9"	2'-6"	4'-0"	14'-9"	2'-6"	4'-0"	13'-6"	2'-6"	3'-6"	15'-9"	2'-6"	4'-0"	16'-3"	3'-0"	4'-0"
26'-0"	11'-3"	2'-6"	3'-6"	13'-6"	2'-6"	4'-0"	15'-9"	2'-6"	4'-0"	14'-0"	2'-6"	3'-6"	16'-6"	2'-6"	4'-0"	16'-3"	3'-6"	4'-0"
28'-0"	12'-0"	2'-6"	3'-6"	14'-3"	2'-6"	4'-0"	15'-3"	3'-0"	4'-6"	14'-6"	2'-6"	3'-6"	16'-0"	3'-0"	4'-0"	16'-0"	4'-0"	4'-6"
30'-0"	12'-6"	2'-6"	4'-0"	15'-3"	2'-6"	4'-0"	16'-0"	3'-0"	4'-6"	15'-0"	2'-6"	4'-0"	15'-9"	3'-6"	4'-0"	16'-0"	4'-6"	4'-6"

POST SUMMARY										
DESIGN HEIGHT "H"	TYPE B PANELS					TYPE C, F AND G PANELS				
	GROUND MOUNTED (POST SPACING)			WALL MOUNTED	BARRIER MOUNTED	GROUND MOUNTED (POST SPACING)			WALL MOUNTED	BARRIER MOUNTED
	10'-0"	15'-0"	20'-0"	10'-0"	10'-0"	10'-0"	15'-0"	20'-0"	10'-0"	10'-0"
6'-0"	W8X10	W8X10	W10X12	W8X10	W8X24	W10X22	W10X22	W10X22	W10X22	W8X24
8'-0"	W8X10	W10X12	W12X14	W8X10	W8X24	W10X22	W10X22	W10X22	W10X22	W8X24
10'-0"	W10X12	W12X16	W12X19	W10X12	W8X24	W10X22	W10X22	W10X22	W10X22	W8X24
12'-0"	W12X14	W12X19	W14X22	W10X15	W8X24	W10X22	W10X22	W12X26	W10X22	W8X24
14'-0"	W12X19	W14X22	W14X30	W10X19	W8X24	W10X22	W12X26	W14X30	W10X22	W8X24
16'-0"	W14X22	W14X30	W14X34	W10X22	W8X24	W12X26	W14X30	W14X34	W10X22	W8X24
18'-0"	W14X26	W14X34	W14X43	W10X26	W8X31	W12X26	W14X34	W14X43	W10X26	W8X31
20'-0"	W14X30	W14X43	W14X53	W10X33	W10X33	W14X30	W14X43	W14X53	W10X33	W10X33
22'-0"	W14X34	W14X48	W14X61	W10X39	W10X39	W14X34	W14X48	W14X61	W10X39	W10X39
24'-0"	W14X38	W14X61	W14X74	W10X45	W12X40	W14X38	W14X61	W14X74	W10X45	W12X40
26'-0"	W14X43	W14X61	W14X82		W12X45	W14X43	W14X61	W14X82		W12X45
28'-0"	W14X53	W14X74	W14X90			W14X53	W14X74	W14X90		
30'-0"	W14X61	W14X82	W14X109			W14X61	W14X82	W14X109		



NOTES: ALL NUTS, BOLTS, WASHERS, PLATES, INSERTS, ANGLES AND HARDWARE REQUIRED FOR CONSTRUCTING SOUND BARRIERS SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM A-123 OR A-153. SELF-TAPPING SCREWS SHALL BE IN ACCORDANCE WITH SECTION 624 OF THE DOT SPECIFICATIONS. THREADS FOR NUTS AND INSERTS SHALL BE UNC CLASS 2B. THREADS FOR BOLTS SHALL BE UNC CLASS 2A. WASHERS SHALL BE COMPATIBLE WITH NUTS AND BOLTS.

POSTS FOR BARRIER MOUNTED AND WALL MOUNTED SOUND BARRIER SHALL BE AT 10'-0" SPACING.

POST SHALL BE ASTM A-36, GALVANIZED AFTER ALL FABRICATION IS COMPLETE. ALL POSTS SHALL BE PLUMB.

BARRIER MOUNTED SOUND BARRIERS ACROSS BRIDGES AND ON MSE WALLS SHALL BE TYPE B PANELS AND SHALL BE 12'-0" AND 18'-0" MAXIMUM, RESPECTIVELY.

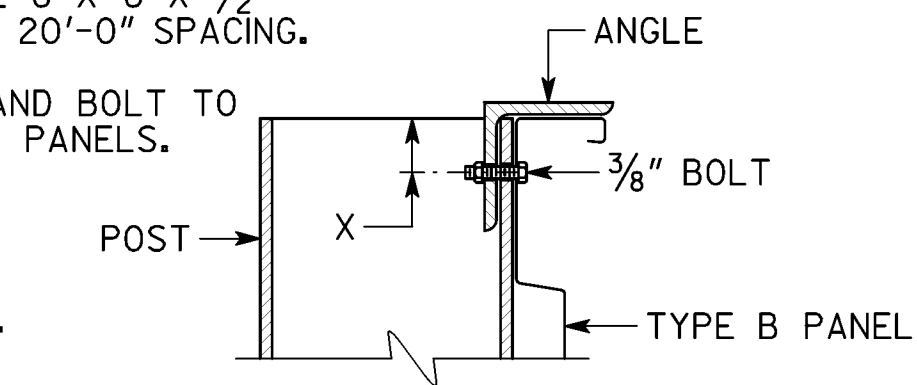
CONCRETE: POST FOUNDATION ----- CLASS A, $f'_c = 3000$ PSI

REINFORCEMENT STEEL ----- GRADE 60, $f_y = 60,000$ PSI

NOTE: L 4 X 4 X $\frac{3}{8}$ FOR 10'-0" SPACING AND L 6 X 6 X $\frac{1}{2}$ FOR 15'-0" AND 20'-0" SPACING.

PAINT ANGLE AND BOLT TO MATCH TYPE B PANELS.

X = $\frac{15}{8}$ " FOR L 4 X 4 X $\frac{3}{8}$ AND $\frac{21}{8}$ " FOR L 6 X 6 X $\frac{1}{2}$.



NO SCALE



REV. ATTACH. DETAIL, NOTE				DEPARTMENT OF TRANSPORTATION			
REVISED TABLE	REVISED NOTE	REVISED NOTE	DATE	STATE OF GEORGIA			
4-22-15	1-08-08	9-6-05	2-24-05	CONSTRUCTION DETAIL			
				1 OF 2			
				SOUND BARRIER			
				FOUNDATION AND POST DETAILS			
				SCALE $\frac{3}{8}$ "=1'-0" (UNLESS NOTED)			
				MAY 2004			
DPD	SWW	DLC	BY	DESIGNED JPT/DLC	REVIEWED JPT/MCD	NUMBER	
				DRAWN DLC	APPROVED PVL	N-1A	
				CHECKED SWW		PAGE 1 OF 2	
				DESIGN GROUP DPD			