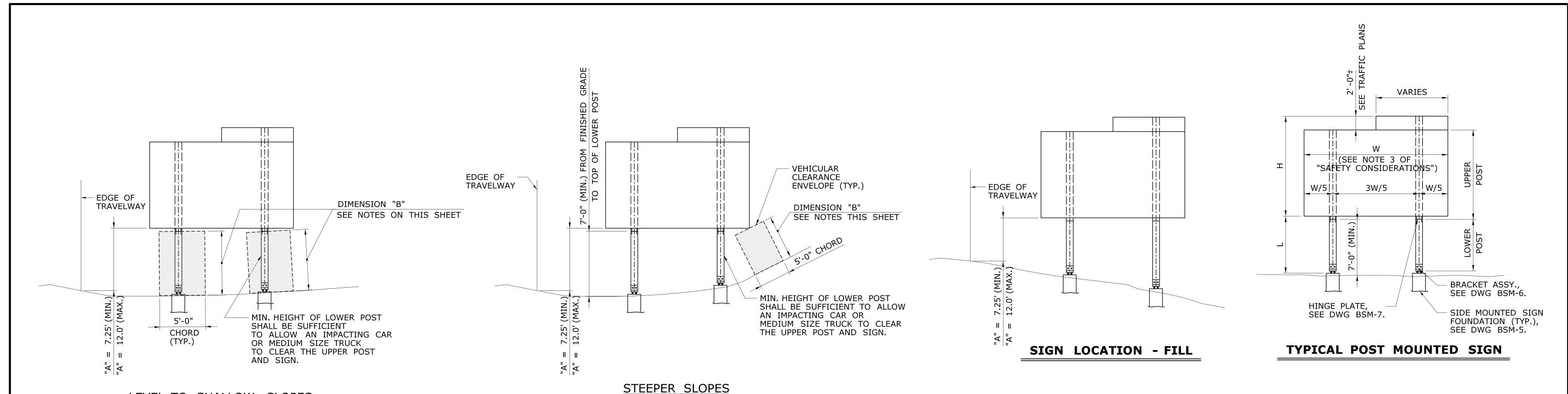
XX_BREAKAWAY SIGN SUPPORTS INDEX OF DRAWINGS

DRAWING NUMBER	DRAWING TITLE	DRAWING NUMBER	DRAWING TITLE
BSM-1	INDEX OF DRAWINGS		
BSM-2	GENERAL NOTES		
BSM-3	POST SELECTION TABLE 1 (W < 15 FT.)		
BSM-4	POST SELECTION TABLE 2 (W > 15 FT.)		
BSM-5	FOUNDATION DETAILS		
BSM-6	BRACKET DETAILS		
BSM-7	HINGE DETAILS		
-			

THE DESIGN APPEARS TO CONFORM TO APPLICABLE CRITERIA. APPROVAL IS NOT TO BE CONSTRUED TO MEAN THAT ALL ASPECTS OF THE DESIGN HAVE BEEN PERSONALLY CHECKED BY THE UNDERSIGNED.
TRANSPORTATION PRINCIPAL ENGINEER

	DESIGNER/DRAFTER:	A 550/28 D.	SIGNATURE/	PROJECT TITLE:	TOWN:	PROJECT NO.
THE INFORMATION, INCLUDING ESTIMATED		CONNECTICAL STATE OF THE CONTRACT OF THE CONTR	BLOCK:			
QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED	CHECKED BY:	STATE OF CONNECTICUT	OFFICE OF ENGINEERING			DRAWING NO.
INVESTIGATIONS BY THE STATE AND IS		STATE OF CONNECTICOT	OTTION OF ENGLISHED			DRAWING NO. BSM-1
IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES		DEPARTMENT OF TRANSPORTATION	APPROVED BY:		DRAWING TITLE:	A DOM-T
OF WORK WHICH WILL BE REQUIRED.	CCALE AC NOTED	DEPARTMENT OF TRANSPORTATION			BREAKAWAY SIGN	SHEET NO.
	SCALE AS NOTED				INDEX OF DRAWINGS	
DEVI DATE DEVISION DESCRIPTION SHEET NO Diotted Date: 6/24/2010	1	Filename: \SR Breakaway Signport RSM1 Drawing Index dan	1		INDEX OF DRAWINGS	



LEVEL TO SHALLOW SLOPES

SIGN LOCATION - CUT

SCALE AS NOTED

NOTES FOR DETERMINING DIMENSION "B"

- 1. DIMENSION "B" IS THE SMALLER OF:
 - THE CLEAR DISTANCE BETWEEN THE BOTTOM OF SIGN AND
 - THE CLEAR DISTANCE BETWEEN THE BOTTOM OF UPPER POST
 - AND THE FINISHED GRADE.
- 2. DIMENSION "B" SHALL TYPICALLY BE A MINIMUM OF 7'-0" TO CLEAR AN IMPACTING CAR OR MEDIUM SIZE TRUCK.
- 3. WHEN DIMENSION "A" WOULD EXCEED 12'-0", CONSIDERATION MAY BE GIVEN TO REDUCING DIMENSION "B" IN ACCORDANCE WITH PROVISIONS OF NOTE 4.
- 4. DIMENSION "B" MAY BE LESS THAN 7'-0":
 - A. IF THE POST IS OUT OF THE CLEAR ZONE. B. IF THE POST IS WITHIN THE CLEAR ZONE BUT SHIELDED BY
 - AN APPROPRIATE BARRIER SYSTEM. C. IN NO CASE SHALL DIMENSION "B" BE LESS THAN 2'-6".
- 5. IF FIELD CONDITIONS EXCEED THESE REQUIREMENTS, CONTACT THE ENGINEER FOR DIRECTION.

NOTES ON TOTAL HEIGHT OF SIGN POSTS

- 1. UPPER SIGN POSTS SHALL EXTEND TO THE TOP OF FULL WIDTH SIGN PANEL OR THE TOP OF CROWN, WHICHEVER IS HIGHER.
- 2. FOR SIGN OR CROWN PANEL RETROFIT, THE EXISTING SIGN POSTS SHALL BE REPLACED WITH NEW POSTS OR EXTENDED WITH ADDITIONAL SECTIONS USING HINGE ASSEMBLIES, REFER TO TRAFFIC TYPICAL SHEETS "EXTRUDED SIGN PANEL - RETROFIT DETAIL".

SAFETY CONSIDERATIONS

- 1. THE HINGE BETWEEN THE UPPER AND LOWER POSTS SHALL BE AT LEAST 7 FT. ABOVE THE GROUND
- 2. NO SUPPLEMENTARY SIGNS SHALL BE ATTACHED BELOW THE HINGES.
- 3. THE POST SPACING SHALL BE 3/5 W EXCEPT AS NOTED BELOW:

UNIT WEIGHT OF POST

EXCEEDS 45 PLF

POST SPACING REQUIREMENTS

LESS THAN 18 PLF

NO RESTRICTIONS ON POST SPACING **

FROM 18 PLF TO 45 PLF

PROVIDE AT LEAST 7 FT. CLEAR DISTANCE BETWEEN POSTS ***

RELOCATE SIGN OUTSIDE OF CLEAR ZONE OR SHIELD SIGN FROM

VEHICULAR IMPACT AS DIRECTED BY THE ENGINEER

- ** IF THE TOTAL COMBINED WEIGHT OF ONE LOWER POST AND TWO BRACKETS EXCEEDS 600 LBS OR THE COMBINED WEIGHT OF TWO POSTS AND FOUR BRACKETS LOCATED WITHIN A CLEAR DISTANCE OF 7 FT OF EACH OTHER EXCEEDS 600 LBS, THE SIGN SHALL BE RELOCATED OUTSIDE OF THE CLEAR ZONE OR SHALL BE PROPERLY SHIELDED FROM VEHICULAR IMPACT AS DIRECTED BY THE ENGINEER. SEE "TABLE 1 - BRACKET DATA" ON BSM-6 FOR BRACKET WEIGHT.
- *** IF THE REQUIRED CLEAR DISTANCE CANNOT BE ATTAINED, THE ENGINEER MAY DIRECT THAT THE SIGN BE RELOCATED OUTSIDE THE CLEAR ZONE OR THAT IT BE PROPERLY SHIELDED FROM VEHICULAR IMPACT.

SELECTING A POST SIZE, BRACKET NUMBER, AND HINGE TYPE

- 1. DETERMINE THE REQUIRED SIGN DIMENSIONS AND POST HEIGHTS (SEE "TYPICAL POST MOUNTED SIGN" DETAIL, THIS SHEET).
 - SIGN WIDTH (HORIZONTAL DIMENSION)
 - SIGN HEIGHT (VERTICAL DIMENSION) (ADD CROWN HEIGHT WHEN APPLICABLE)
 POST HEIGHT (THE DISTANCE BETWEEN THE TOP OF THE FOUNDATION
 AND THE BOTTOM OF THE SIGN MEASURED AT THE TALLER POST)
- 2. ENTER "POST SELECTION TABLE 1 AND 2" ON DWG BSM-3 AND BSM-4 WITH THE DESIRED VALUES OF W, H, AND L. ROUND UP TO THE NEAREST VALUES IN THE TABLE. READ THE CORRESPONDING POST SIZE AND BRACKET NUMBER. REFER TO DWG BSM-6 FOR BRACKET TYPE AND BSM-7 FOR TYPICAL HINGE REQUIREMENTS.

EXAMPLE: W = 8', L = 10', H = 14'

ENTER "POST SELECTION TABLE 1" ON DWG BSM-3 SINCE TABLE 1 IS APPLICABLE FOR SIGN WIDTH ≤ 15'. LOCATE THE FOLLOWING CELL:

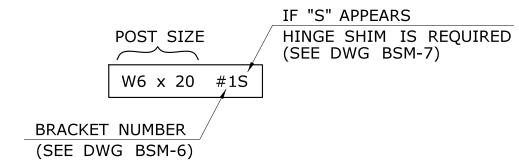


TABLE OF CONTENT										
DWG. NO.	DWG. NO. DESCRIPTION									
BSM-1	DRAWING INDEX									
BSM-2	GENERAL NOTES									
BSM-3 POST SELECTION TABLE 1 (W ≤ 15 FT.)										
BSM-4	POST SELECTION TABLE 2 (W > 15 FT.)									
BSM-5	FOUNDATION DETAILS									
BSM-6	BRACKET DETAILS									
BSM-7	HINGE DETAILS									

BREAKAWAY SIGN SUPPORT TYPICAL SHEETS ARE IN US CUSTOMARY UNITS

FOR METRIC PROJECTS: 1. DETERMINE US CUSTOMARY POST SIZE FROM THE POST SELECTION TABLE.

2. CALCULATE THE WEIGHT OF POSTS IN US CUSTOMARY UNITS (CWT) THEN USE THE FOLLOWING CONVERSION FACTOR TO CONVERT CWT TO KILOGRAMS.

1 CWT = 45.36 KG

EXAMPLE: 120 CWT x 45.36 KG/CWT = 5443 KG

					DE
-	-	-	-	THE INFORMATION, INCLUDING ESTIMATED	
-	-	-	-	QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED	Cŀ
ı	-	-	-	INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE	
-		-	-	THE CONDITIONS OF ACTUAL QUANTITIES	
1	-	-	-	OF WORK WHICH WILL BE REQUIRED.	i
ı	-	-	-		i
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 6/24/2019	

STATE OF CONNECTICUT	CONNECTION SOLLAR
DEPARTMENT OF TRANSPORTATION	TION
Filename:\SB_Breakaway_Signpost_BSM2_General Note_REV_1.dgn	

	SIGNATURE/ BLOCK:		
047AT10N	OFFICE	OF	ENGINEERING
	APPROVED BY:		DATE:
•			

DRAWING NO. BSM-2 BREAKAWAY SIGN SUPPORTS SHEET NO. **GENERAL NOTES**

OJECT NO.

POST SELECTION TABLE 1

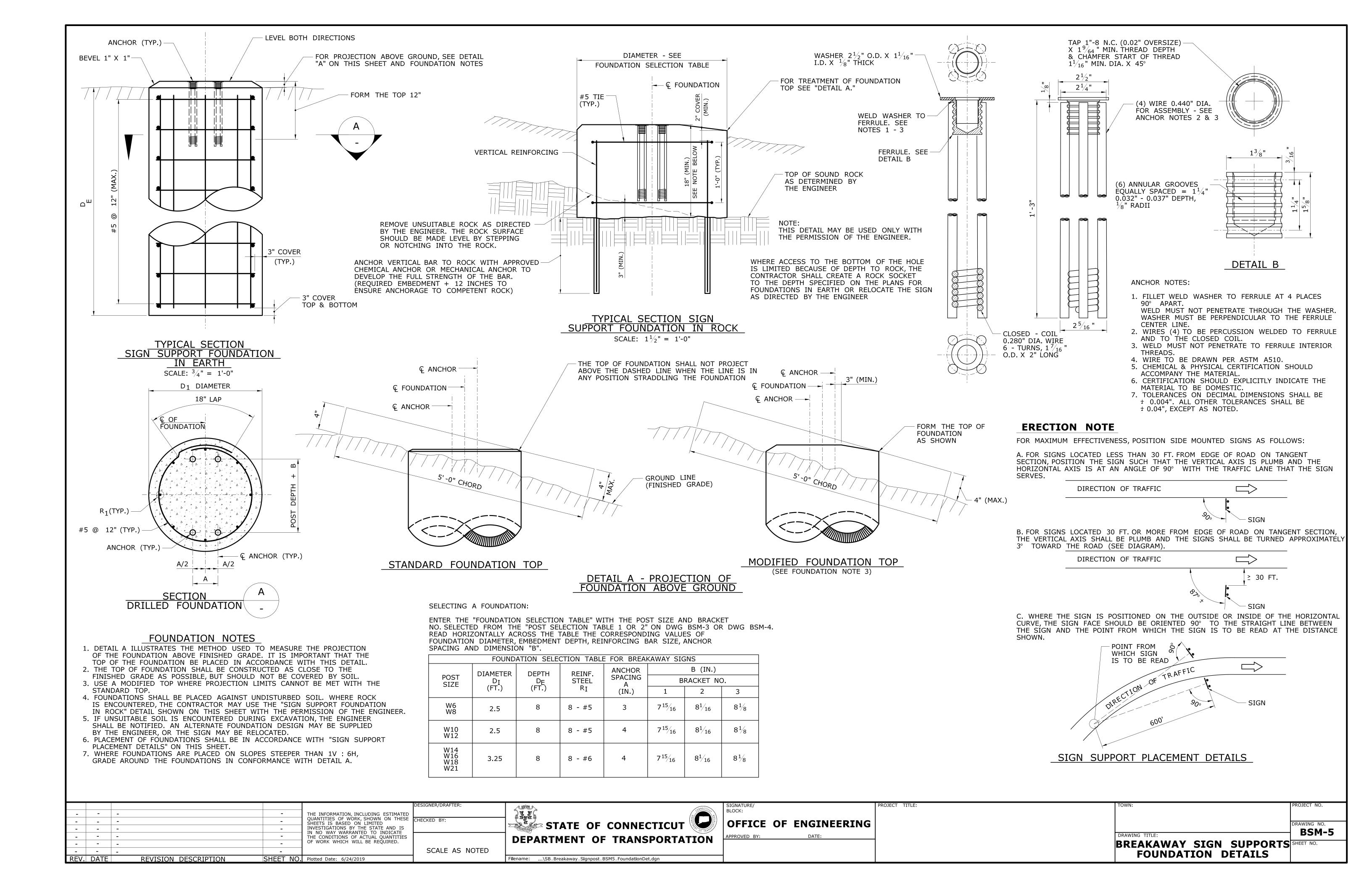
	Τ .									H (S	ign Height + Cro	vn Height)								
W	L	4 ft	5 ft	6 ft	7 ft	8 ft	9 ft	10 ft	11 ft	12 ft	13 ft	14 ft	15 ft	16 ft	17 ft	18 ft	19 ft	20 ft	21 ft	22 ft
	7 ft	W6 x 9 #3	W6 x 9 #3	W6 x 9 #2	W6 x 9 #2	W6 x 9 #2	W6 x 12 #2	W6 x 12 #2	W6 x 12 #2	W6 x 15 #2	W6 x 15 #1	W6 x 15 #1S	W6 x 16 #1S	W8 x 18 #2S	W8 x 21 #1S	W10 x 22 #2	W10 x 22 #2	W10 x 26 #2	W10 x 26 #1S	W10 x 26 #1S
	8 ft	W6 x 9 #2	W6 x 12 #2	W6 x 12 #2	W6 x 12 #2	W6 x 15 #2	W6 x 15 #1	W6 x 15 #1	W6 x 16 #1S	W8 x 18 #1	W8 x 21 #1S	W8 x 21 #1S	W10 x 22 #2	W10 x 26 #1	W10 x 26 #1	W10 x 26 #1S	W10 x 30 #1S			
	9 ft	W6 x 9 #2	W6 x 9 #2	W6 x 9 #2	W6 x 12 #2	W6 x 12 #2	W6 x 12 #2	W6 x 15 #1	W6 x 15 #1	W6 x 15 #1	W6 x 16 #1	W8 x 18 #1	W6 x 20 #1S	W8 x 21 #1S	W8 x 21 #1S	W10 x 26 #1	W10 x 26 #1	W10 x 26 #1	W10 x 30 #1S	W12 x 30 #1
	11 ft	W6 x 9 #2 W6 x 9 #2	W6 x 9 #2 W6 x 9 #2	W6 x 12 #2 W6 x 12 #1	W6 x 12 #2 W6 x 12 #1	W6 x 12 #1 W6 x 15 #1	W6 x 15 #1 W6 x 15 #1	W6 x 15 #1 W6 x 15 #1	W6 x 15 #1 W6 x 15 #1	W6 x 15 #1 W8 x 18 #1	W8 x 18 #1 W6 x 20 #1	W6 x 20 #1S W6 x 20 #1S	W6 x 20 #1S W8 x 21 #1	W8 x 21 #1S	W10 x 26 #1	W10 x 26 #1	W10 x 26 #1	-	-	-
8 ft	12 ft	W6 x 9 #2	W6 x 12 #1	W6 x 12 #1	W6 x 15 #1	W6 x 15 #1	W6 x 15 #1	W6 x 15 #1	W8 x 18 #1	W6 x 20 #1	W6 x 20 #1	W6 x 20 #1S	-	_	-	-	-	_	-	_
	13 ft	W6 x 12 #1	W6 x 12 #1	W6 x 12 #1	W6 x 15 #1	W6 x 15 #1	W6 x 15 #1	W8 x 18 #1	W8 x 18 #1	W6 x 20 #1	W6 x 20 #1	-	-	-	-	-	-	-	-	-
	14 ft	W6 x 12 #1	W6 x 12 #1	W6 x 15 #1	W6 x 15 #1	W6 x 15 #1	W6 x 16 #1	W8 x 18 #1	W6 x 20 #1	W6 x 20 #1	-	-	-	-	-	-	-	-	-	-
	15 ft	W6 x 12 #1	W6 x 15 #1	W6 x 15 #1	W6 x 15 #1	W6 x 15 #1	W8 x 18 #1	-	-	-	-	-	-	-	-	-	-	-	-	-
	7 ft	W6 x 12 #1 W6 x 9 #3	W6 x 15 #1 W6 x 9 #3	W6 x 15 #1 W6 x 9 #2	W6 x 15 #1 W6 x 9 #2	- W8 x 10 #2	- W6 x 12 #2	- W6 x 12 #2	- W6 x 15 #2	- W6 x 15 #2	- W6 x 15 #1S	- W6 x 15 #1S	- W8 x 18 #2S	W8 x 21 #2S	W10 x 22 #2	W10 x 22 #2	W10 x 26 #2	W10 x 26 #2S	W10 x 26 #1S	W12 x 30 #2S
	8 ft	W6 x 9 #2	W6 x 9 #2	W6 x 9 #2	W8 x 10 #2	W6 x 12 #2	W6 x 12 #2	W6 x 15 #2	W6 x 15 #2	W6 x 15 #1	W6 x 15 #1S	W8 x 18 #2	W8 x 21 #2S	W8 x 21 #1S	W10 x 22 #2	W10 x 26 #2	W10 x 26 #1	W10 x 26 #1S	W12 x 30 #2	W12 x 30 #2S
	9 ft	W6 x 9 #2	W6 x 9 #2	W6 x 9 #2	W6 x 12 #2	W6 x 12 #2	W6 x 15 #2	W6 x 15 #1	W6 x 15 #1	W6 x 15 #1	W8 x 18 #2	W6 x 20 #1S	W8 x 21 #1S	W8 x 21 #1S	W10 x 26 #2	W10 x 26 #1	W10 x 26 #1	W10 x 30 #1S		-
	10 ft	W6 x 9 #2	W6 x 9 #2	W6 x 12 #2	W6 x 12 #2	W6 x 15 #1	W6 x 15 #1	W6 x 15 #1	W6 x 15 #1	W8 x 18 #1	W6 x 20 #1S	W6 x 20 #1S	W8 x 21 #1S	W10 x 26 #1	W10 x 26 #1	W10 x 26 #1	-	-	-	-
9 ft	11 ft	W6 x 9 #2	W6 x 12 #2	W6 x 12 #1	W6 x 12 #1	W6 x 15 #1	W6 x 15 #1	W6 x 15 #1	W8 x 18 #1	W8 x 18 #1	W6 x 20 #1S	W8 x 21 #1	-	-	-	-	-	-	-	-
	12 It	W6 x 9 #2 W6 x 12 #1	W6 x 12 #1 W6 x 12 #1	W6 x 12 #1 W6 x 15 #1	W6 x 15 #1 W6 x 15 #1	W6 x 15 #1 W6 x 15 #1	W6 x 15 #1 W6 x 16 #1	W8 x 18 #1 W8 x 18 #1	W8 x 18 #1 W6 x 20 #1	W6 x 20 #1 W6 x 20 #1	W6 x 20 #1S	-	-	-	-	-	-	-	-	-
	14 ft	W6 x 12 #1	W6 x 12 #1	W6 x 15 #1	W6 x 15 #1	W6 x 15 #1	W8 x 18 #1	W6 x 20 #1	W6 x 20 #1	W6 x 20 #1	_	-	-	-	-	-	-	-	-	_
	15 ft	W6 x 12 #1	W6 x 15 #1	W6 x 15 #1	W6 x 15 #1	W8 x 18 #1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	16 ft	W6 x 15 #1	W6 x 15 #1	W6 x 15 #1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	/ ft	W6 x 9 #3 W6 x 9 #2	W6 x 9 #3	W6 x 9 #2	W6 x 9 #2 W6 x 12 #2	W6 x 12 #2 W6 x 12 #2	W6 x 12 #2 W6 x 12 #2	W6 x 12 #2	W6 x 15 #2	W6 x 15 #2 W6 x 15 #1	W6 x 15 #1S	W8 x 18 #2 W8 x 18 #2S	W8 x 18 #2S W8 x 21 #1S	W10 x 22 #2 W10 x 22 #2	W10 x 22 #2 W10 x 26 #2	W10 x 26 #2 W10 x 26 #2	W10 x 26 #2S	W10 x 26 #2S W12 x 30 #2	W12 x 30 #2S W14 x 30 #2	W14 x 30 #2S
	9 ft	W6 x 9 #2	W6 x 9 #2 W6 x 9 #2	W6 x 9 #2 W6 x 12 #2	W6 x 12 #2	W6 x 12 #2	W6 x 15 #2	W6 x 15 #2 W6 x 15 #1	W6 x 15 #1 W6 x 15 #1	W8 x 18 #2	W8 x 18 #2 W8 x 18 #1	W6 x 20 #1S	W8 x 21 #1S	W10 x 26 #2	W10 x 26 #2	W10 x 26 #2	W10 x 26 #1S W10 x 30 #1S	W12 x 30 #2	VV 14 X 30 #2	-
	10 ft	W6 x 9 #2	W6 x 12 #2	W6 x 12 #2	W6 x 12 #2	W6 x 15 #1	W6 x 15 #1	W6 x 15 #1	W6 x 16 #1	W8 x 18 #1	W6 x 20 #1S	W8 x 21 #1S	W10 x 26 #2	W10 x 26 #1	W10 x 26 #1	-	-	-	-	-
10 ft	11 ft	W6 x 9 #2	W6 x 12 #2	W6 x 12 #1	W6 x 15 #1	W6 x 15 #1	W6 x 15 #1	W6 x 16 #1	W8 x 18 #1	W6 x 20 #1	W6 x 20 #1S	W8 x 24 #1S	-	-	-	-	-	-	-	-
	12 ft	W6 x 12 #2	W6 x 12 #1	W6 x 15 #1	W6 x 15 #1	W6 x 15 #1	W6 x 15 #1	W8 x 18 #1	W6 x 20 #1	W6 x 20 #1	W10 x 22 #1	-	-	-	-	-	-	-	-	-
	13 ft	W6 x 12 #1 W6 x 12 #1	W6 x 12 #1 W6 x 15 #1	W6 x 15 #1 W6 x 15 #1	W6 x 15 #1 W6 x 15 #1	W6 x 15 #1 W8 x 18 #1	W8 x 18 #1 W6 x 20 #1	W6 x 20 #1 W6 x 20 #1	W6 x 20 #1 W6 x 20 #1	W8 x 21 #1	-	-	-	-	-	-	-	-	-	-
	15 ft	W6 x 12 #1	W6 x 15 #1	W6 x 15 #1	W6 x 16 #1	W8 x 18 #1		-		-	<u> </u>	-	-	-	-	-	-	-	-	-
	16 ft	W6 x 15 #1	W6 x 15 #1	W6 x 15 #1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7 ft	W6 x 9 #3	W6 x 9 #3	W6 x 9 #2	W8 x 10 #3	W6 x 12 #2	W6 x 12 #2	W6 x 15 #2	W6 x 15 #2	W6 x 15 #2S	W6 x 15 #1S	W8 x 18 #2S	W8 x 21 #2S	W10 x 22 #2	W10 x 22 #2	W10 x 26 #2	W10 x 26 #2S	W12 x 26 #2S	W14 x 30 #2S	W16 x 36 #2S
	8 ft	W6 x 9 #2	W6 x 9 #2	W6 x 9 #2	W6 x 12 #2	W6 x 12 #2	W6 x 15 #2	W6 x 15 #2	W6 x 15 #1	W6 x 15 #1S	W8 x 18 #2	W8 x 21 #2S	W8 x 21 #1S		W10 x 26 #2	W10 x 26 #2S	W12 x 30 #2	W14 x 30 #2	-	-
	9 π 10 ff	W6 x 9 #2 W6 x 9 #2	W6 x 9 #2 W6 x 12 #2	W6 x 12 #2 W6 x 12 #2	W6 x 12 #2 W6 x 15 #2	W6 x 15 #2 W6 x 15 #1	W6 x 15 #2 W6 x 15 #1	W6 x 15 #1 W6 x 15 #1	W6 x 15 #1 W8 x 18 #2	W8 x 18 #2 W6 x 20 #1S	W6 x 20 #1S W6 x 20 #1S	W8 x 21 #1S W8 x 21 #1S	W10 x 22 #2 W10 x 26 #2	W10 x 26 #2 W10 x 26 #1	W10 x 26 #1 W10 x 26 #1	W10 x 26 #1S	W12 x 30 #2	-	-	-
44.5	11 ft	W6 x 9 #2	W6 x 12 #2	W6 x 12 #2	W6 x 15 #2	W6 x 15 #1	W6 x 15 #1	W8 x 18 #1	W6 x 20 #1	W6 x 20 #1S	W8 x 21 #1	-	-	-	-	-	-	-	-	-
11 π	12 ft	W6 x 12 #2	W6 x 12 #1	W6 x 15 #1	W6 x 15 #1	W6 x 15 #1	W8 x 18 #1	W6 x 20 #1	W6 x 20 #1	W8 x 21 #1	-	-	-	-	-	-	-	-	-	-
	13 ft	W6 x 12 #1	W6 x 15 #1	W6 x 15 #1	W6 x 15 #1	W8 x 18 #1	W8 x 18 #1	W6 x 20 #1	W6 x 20 #1	-	-	-	-	-	-	-	-	-	-	-
	14 ft	W6 x 12 #1	W6 x 15 #1	W6 x 15 #1	W6 x 15 #1	W8 x 18 #1	W6 x 20 #1	W6 x 20 #1	-	-	-	-	-	-	-	-	-	-	-	-
	15 IL	W6 x 15 #1 W6 x 15 #1	W6 x 15 #1 W6 x 15 #1	W6 x 15 #1	W8 x 18 #1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7 ft	W6 x 9 #3	W6 x 9 #3	W6 x 9 #2	W6 x 12 #2	W6 x 12 #2	W6 x 12 #2	W6 x 15 #2	W6 x 15 #2	W6 x 15 #2S	W8 x 18 #2S	W8 x 18 #2S	W10 x 22 #2	W10 x 22 #2	W10 x 26 #2	W10 x 26 #2S	W12 x 26 #2S	W14 x 30 #2S	W18 x 35 #2	W18 x 40 #2
	8 ft	W6 x 9 #2	W6 x 9 #2	W6 x 12 #2	W6 x 12 #2	W6 x 12 #2	W6 x 15 #2	W6 x 15 #2	W6 x 15 #1	W8 x 18 #2	W8 x 18 #2S	W8 x 21 #2S	W10 x 22 #2	W10 x 26 #2	W10 x 26 #2	W12 x 26 #2	W14 x 30 #2	W18 x 35 #2	-	-
	9 ft	W6 x 9 #2	W8 x 10 #2	W6 x 12 #2	W6 x 12 #2	W6 x 15 #2	W6 x 15 #2	W6 x 15 #1	W8 x 18 #2	W8 x 18 #2	W8 x 21 #1S	W8 x 21 #1S	W10 x 26 #2	W10 x 26 #2	W10 x 26 #1	W12 x 30 #2	-	-	-	-
	10 π 11 ft	W6 x 9 #2 W6 x 12 #2	W6 x 12 #2 W6 x 12 #2	W6 x 12 #2 W6 x 15 #1	W6 x 15 #2 W6 x 15 #1	W6 x 15 #1 W6 x 15 #1	W6 x 15 #1 W6 x 16 #1	W8 x 18 #2 W8 x 18 #1	W8 x 18 #1 W6 x 20 #1	W6 x 20 #1S W8 x 21 #1	W8 x 21 #1S	W10 x 26 #2	W10 x 26 #1	W10 x 26 #1	-	-	-	-	-	-
12 ft	12 ft	W6 x 12 #2	W6 x 12 #2	W6 x 15 #1	W6 x 15 #1	W6 x 15 #1	W8 x 18 #1	W6 x 20 #1	W6 x 20 #1	-	-	-	-	-	-	-	-	-	-	-
	13 ft	W6 x 12 #1	W6 x 15 #1	W6 x 15 #1	W6 x 15 #1	W8 x 18 #1	W6 x 20 #1	W6 x 20 #1	-	-	-	-	-	-	-	-	-	-	-	-
	14 ft	W6 x 12 #1	W6 x 15 #1	W6 x 15 #1	W8 x 18 #1	W6 x 20 #1	W6 x 20 #1	W6 x 20 #1	-	-	-	-	-	-	-	-	-	-	-	-
	15 ft	W6 x 15 #1 W6 x 15 #1	W6 x 15 #1 W6 x 15 #1	W6 x 16 #1	W8 x 18 #1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7 ft	W6 x 9 #3	W6 x 9 #2	W6 x 9 #2	W6 x 12 #2	W6 x 12 #2	W6 x 15 #2	W6 x 15 #2	W6 x 15 #2S	W6 x 15 #2S	W8 x 18 #2S	W8 x 21 #2S	W10 x 22 #2	W10 x 22 #2	W10 x 26 #2S	W12 x 26 #2	W14 x 30 #2	W18 x 35 #3	W18 x 40 #2	W21 x 44 #3
	8 ft	W6 x 9 #2	W6 x 9 #2	W6 x 12 #2	W6 x 12 #2	W6 x 15 #2	W6 x 15 #2	W6 x 15 #2	W6 x 15 #1S	W8 x 18 #2	W8 x 21 #2S	W8 x 21 #2S	W10 x 22 #2	W10 x 26 #2	W10 x 26 #2S		W14 x 34 #2	W18 x 40 #2	W21 x 44 #3	W21 x 44 #3
	9 ft	W6 x 9 #2	W6 x 12 #2	W6 x 12 #2	W6 x 15 #2	W6 x 15 #2	W6 x 15 #1	W6 x 15 #1	W8 x 18 #2	W6 x 20 #1S	W8 x 21 #1S	W10 x 22 #2	W10 x 26 #2	W10 x 26 #2	W12 x 30 #2	W14 x 30 #2	W16 x 36 #2	W18 x 40 #2	W21 x 44 #2	-
	10 ft	W6 x 9 #2	W6 x 12 #2	W6 x 12 #2	W6 x 15 #2	W6 x 15 #1	W6 x 15 #1	W8 x 18 #2	W6 x 20 #1S	W8 x 21 #1	W10 x 22 #2	W10 x 26 #2	W10 x 26 #1	W12 x 30 #2	W14 x 30 #2	W16 x 36 #2	W18 x 40 #2	W21 x 44 #2	-	-
13 ft	12 ft	W6 x 12 #2 W6 x 12 #1	W6 x 12 #2 W6 x 15 #1	W6 x 15 #1 W6 x 15 #1	W6 x 15 #1 W6 x 15 #1	W6 x 15 #1 W8 x 18 #1	W8 x 18 #2 W6 x 20 #1	W6 x 20 #1 W6 x 20 #1	W6 x 20 #1S W8 x 21 #1	W8 x 21 #1 W10 x 26 #1	W10 x 26 #2 W10 x 26 #1	W10 x 26 #1 W10 x 26 #1	W10 x 30 #1 W12 x 30 #2	W12 x 30 #2 W14 x 34 #2	W14 x 34 #2 W16 x 36 #2	W18 x 40 #2 W18 x 40 #2	W21 x 44 #2	-	-	-
	13 ft	W6 x 12 #1	W6 x 15 #1	W6 x 15 #1	W6 x 16 #1	W8 x 18 #1	W6 x 20 #1	W8 x 21 #1	W10 x 26 #1	W10 x 26 #1	W10 x 26 #1	W10 x 30 #1	W12 x 30 #2	W16 x 36 #2	W18 x 40 #2	-				
	14 ft		W6 x 15 #1	W6 x 15 #1	W8 x 18 #1	W6 x 20 #1	W6 x 20 #1	W8 x 24 #1	W10 x 26 #1	W10 x 26 #1	W10 x 30 #1	W12 x 30 #1	W14 x 34 #1	W16 x 40 #2	-	-	-	-	-	-
	15 ft	W6 x 15 #1	W6 x 15 #1	W8 x 18 #1	W6 x 20 #1	W6 x 20 #1	W8 x 24 #1	W10 x 26 #1	W10 x 26 #1	W10 x 30 #1	W10 x 30 #1	W14 x 34 #1	-	-	-	-	-	-	-	-
-	7 ff	W6 x 15 #1 W6 x 9 #3	W6 x 16 #1 W6 x 9 #2	W8 x 18 #1 W8 x 10 #3	W6 x 20 #1 W6 x 12 #2	W6 x 20 #1 W6 x 12 #2	W8 x 24 #1 W6 x 15 #2	W10 x 26 #1 W6 x 15 #2	W10 x 30 #1 W6 x 15 #2S	W10 x 30 #1 W8 x 18 #2	W14 x 34 #1 W8 x 18 #2S	W14 x 34 #1 W10 x 22 #2	- W10 x 22 #2	- W10 x 26 #2	- W10 x 26 #2S	- W12 x 26 #2S	- W14 x 30 #2S	- W18 x 35 #3	- W21 x 44 #3	-
	8 ft	W6 x 9 #2		W6 x 10 #3	W6 x 12 #2	W6 x 15 #2	W6 x 15 #2	W6 x 15 #2	W8 x 18 #2	W8 x 18 #2S	W8 x 21 #2S	W10 x 22 #2 W10 x 22 #2	W10 x 26 #2	W10 x 26 #2	W10 x 26 #25	W12 x 20 #25 W14 x 30 #2	W18 x 35 #2	W18 x 40 #2	W21 x 44 #3	-
	9 ft	W6 x 9 #2	W6 x 12 #2	W6 x 12 #2	W6 x 15 #2	W6 x 15 #2	W6 x 15 #1	W8 x 18 #2	W8 x 18 #2	W8 x 21 #2S	W10 x 22 #2	W10 x 26 #2	W10 x 26 #2	W12 x 26 #2	W14 x 30 #2	W16 x 36 #2	W18 x 40 #2	W21 x 44 #3	-	-
	10 ft			W6 x 15 #2	W6 x 15 #2	W6 x 15 #1	W8 x 18 #2	W8 x 18 #2	W6 x 20 #1S	W8 x 21 #1S	W10 x 26 #2	W10 x 26 #2	W10 x 26 #1	W12 x 30 #2	W16 x 36 #2	W18 x 40 #2	W21 x 44 #3	-	-	-
14 ft	11 ft	W6 x 12 #2	W6 x 12 #2	W6 x 15 #1	W6 x 15 #1	W6 x 16 #1	W8 x 18 #2	W6 x 20 #1	W8 x 21 #1	W10 x 26 #2	W10 x 26 #2	W10 x 26 #1	W12 x 30 #2	W14 x 34 #2	W16 x 36 #2	W18 x 40 #2	-	-	-	-
	12 II	W6 x 12 #1 W6 x 12 #1	W6 x 15 #1 W6 x 15 #1	W6 x 15 #1 W6 x 15 #1	W6 x 15 #1 W8 x 18 #1	W8 x 18 #1 W6 x 20 #1	W6 x 20 #1 W6 x 20 #1	W8 x 21 #1 W8 x 24 #1	W10 x 26 #2 W10 x 26 #1	W10 x 26 #1 W10 x 26 #1	W10 x 26 #1 W10 x 30 #1	W10 x 30 #1 W12 x 30 #1	W14 x 34 #2 W14 x 34 #2	W16 x 36 #2 W18 x 40 #2	W18 x 40 #2	-	-	-	-	-
	14 ft	+	W6 x 15 #1	W6 x 16 #1	W6 x 20 #1	W6 x 20 #1	W8 x 21 #1	W10 x 26 #1	W10 x 26 #1	W10 x 30 #1	W12 x 30 #1	W14 x 34 #2	W16 x 36 #2	W18 x 40 #2	-	-	-	-	-	-
	15 ft	W6 x 15 #1	W6 x 15 #1	W8 x 18 #1	W6 x 20 #1	W6 x 20 #1	W8 x 24 #1	W10 x 26 #1	W10 x 30 #1	W10 x 30 #1	W14 x 34 #1	W16 x 36 #2	-	-	-	-	-	-	-	-
	16 ft	W6 x 15 #1	W8 x 18 #1	W6 x 20 #1	W6 x 20 #1	W8 x 24 #1	W10 x 26 #1	W10 x 26 #1	W10 x 30 #1	W12 x 30 #1	W14 x 34 #1	- 100		-	-	-	-	-	- 14.40	-
	7 ft 8 ft	-		W8 x 10 #3 W6 x 12 #2	W6 x 12 #2 W12 x 14 #3	W12 x 14 #3	W6 x 15 #2	W6 x 15 #2S W6 x 15 #2S	W6 x 15 #2S	W8 x 18 #2S W8 x 21 #2S	W8 x 21 #2S	W10 x 22 #2 W10 x 22 #2	W10 x 22 #2 W10 x 26 #2	W10 x 26 #2S W12 x 26 #2	W12 x 26 #2 W14 x 30 #2	W14 x 30 #2 W18 x 35 #3	W18 x 35 #3 W18 x 40 #2	W18 x 40 #3 W21 x 44 #3	W21 x 44 #3	-
	9 ft	-	W6 x 10 #3	W6 x 12 #2	W6 x 15 #2	W6 x 15 #2 W6 x 15 #2	W6 x 15 #2 W6 x 15 #1	W8 x 18 #2	W8 x 18 #2 W6 x 20 #1S	W8 x 21 #2S	W10 x 22 #2 W10 x 22 #2	W10 x 22 #2 W10 x 26 #2	W10 x 26 #2	W12 x 26 #2 W12 x 30 #2	W14 x 30 #2	W18 x 40 #2	W21 x 44 #3	VV21 X 44 #3	-	-
	10 ft	-		W6 x 15 #2	W6 x 15 #2	W6 x 15 #1	W8 x 18 #2	W6 x 20 #1S		W10 x 22 #2	W10 x 26 #2	W10 x 26 #2	W10 x 20 #2 W12 x 30 #2	W14 x 30 #2	W16 x 36 #2	W18 x 40 #2	W21 x 44 #2	-	-	-
15 ft	11 ft	-	W6 x 15 #2	W6 x 15 #1	W6 x 15 #1	W8 x 18 #2	W6 x 20 #1	W8 x 21 #1	W10 x 22 #2	W10 x 26 #2	W10 x 26 #1	W10 x 30 #1	W14 x 30 #2	W16 x 36 #2	W18 x 40 #2	W21 x 44 #2	-	-	-	-
	12 ft	-	W6 x 15 #1	W6 x 15 #1	W6 x 16 #1	W8 x 18 #1	W6 x 20 #1	W8 x 21 #1	W10 x 26 #2	W10 x 26 #1	W10 x 30 #1	W12 x 30 #2	W14 x 34 #2	W18 x 40 #2	W21 x 44 #2	-	-	-	-	-
	13 ft 14 ft	-	W6 x 15 #1 W6 x 15 #1	W6 x 15 #1 W8 x 18 #1	W8 x 18 #1 W6 x 20 #1	W6 x 20 #1 W6 x 20 #1	W8 x 21 #1 W8 x 24 #1	W10 x 26 #1 W10 x 26 #1	W10 x 26 #1 W10 x 26 #1	W10 x 26 #1 W10 x 30 #1	W12 x 30 #2 W12 x 30 #1	W14 x 34 #2 W16 x 36 #2	W16 x 36 #2 W18 x 40 #2	W18 x 40 #2	-	-	-	-	-	-
	15 ft	-	W6 x 16 #1	W8 x 18 #1	W6 x 20 #1	W8 x 24 #1	W10 x 26 #1	W10 x 26 #1	W10 x 26 #1	W12 x 30 #1	W14 x 34 #1	VV 10 X 30 #2	- VV 16 X 40 #2	-	-	-	-	-	-	-
	16 ft	-		W6 x 20 #1	W6 x 20 #1	W8 x 24 #1	W10 x 26 #1		W10 x 30 #1	W14 x 34 #1	-	-	-	-	-	-	-	-	-	-

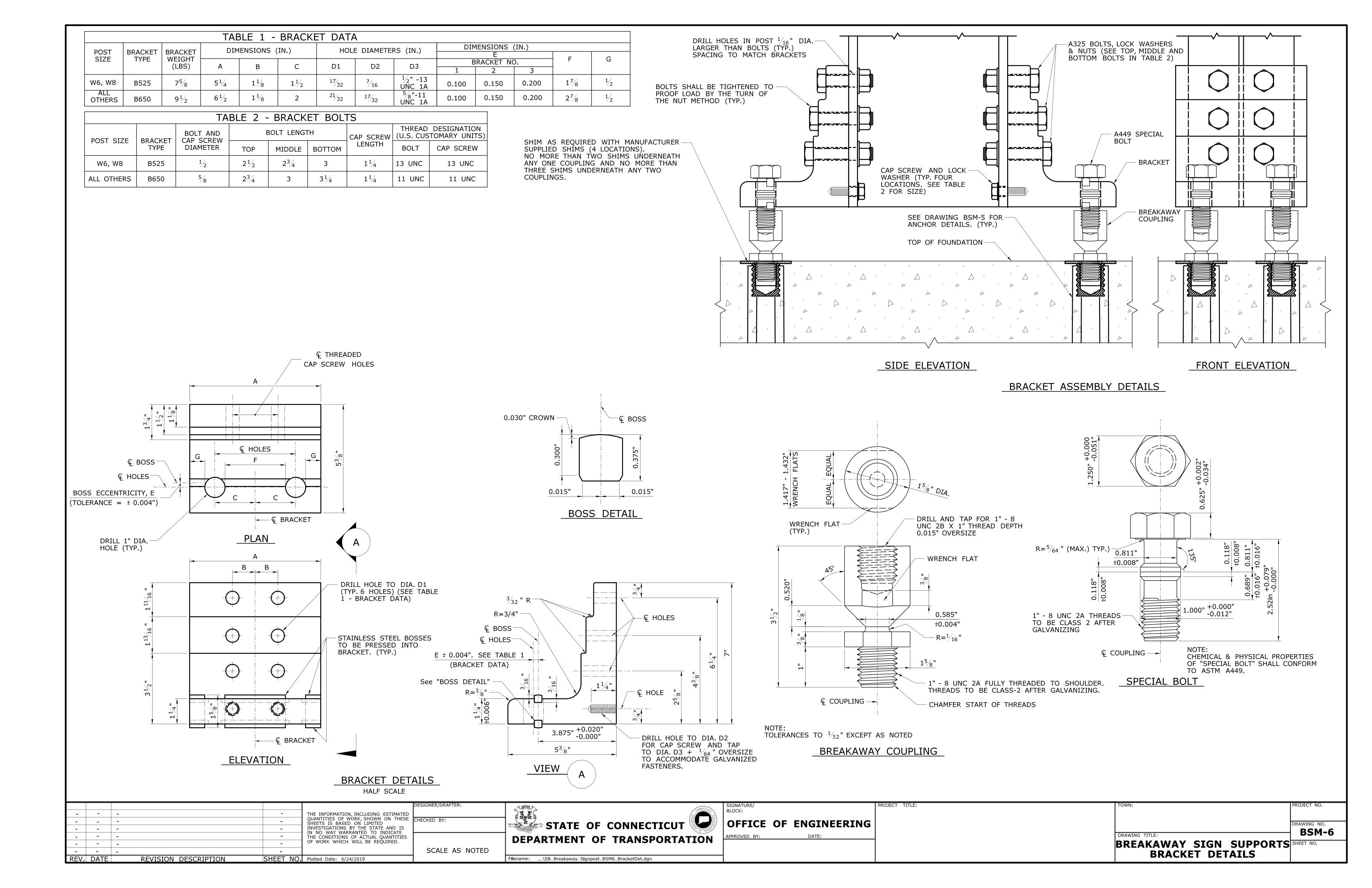
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	- THE INFORMATION, INCLUDING ESTIMATED		The state of the s	BLOCK:			
	QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED	CHECKED BY:	CTATE OF CONNECTION	OFFICE OF ENGINEERING			DRAWING NO
	- INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE		STATE OF CONNECTICUT	Office of Engineering			BSM
	- THE CONDITIONS OF ACTUAL QUANTITIES		DEPARTMENT OF TRANSPORTATION	APPROVED BY: DATE:		DRAWING TITLE:	
	OF WORK WHICH WILL BE REQUIRED.		DEPARTMENT OF TRANSPORTATION			BREAKAWAY SIGN SUPF	ORTS SHEET NO.
	-	SCALE AS NOTED				POST SELECTION TABLE	
EV. DATE REVISION DESCRIPTION	SHEET NO. Plotted Date: 6/24/2019		Filename:\SB_Breakaway_Signpost_BSM3_PostSelectionTable_1.dgn			1031 SEEECITOR TABL	

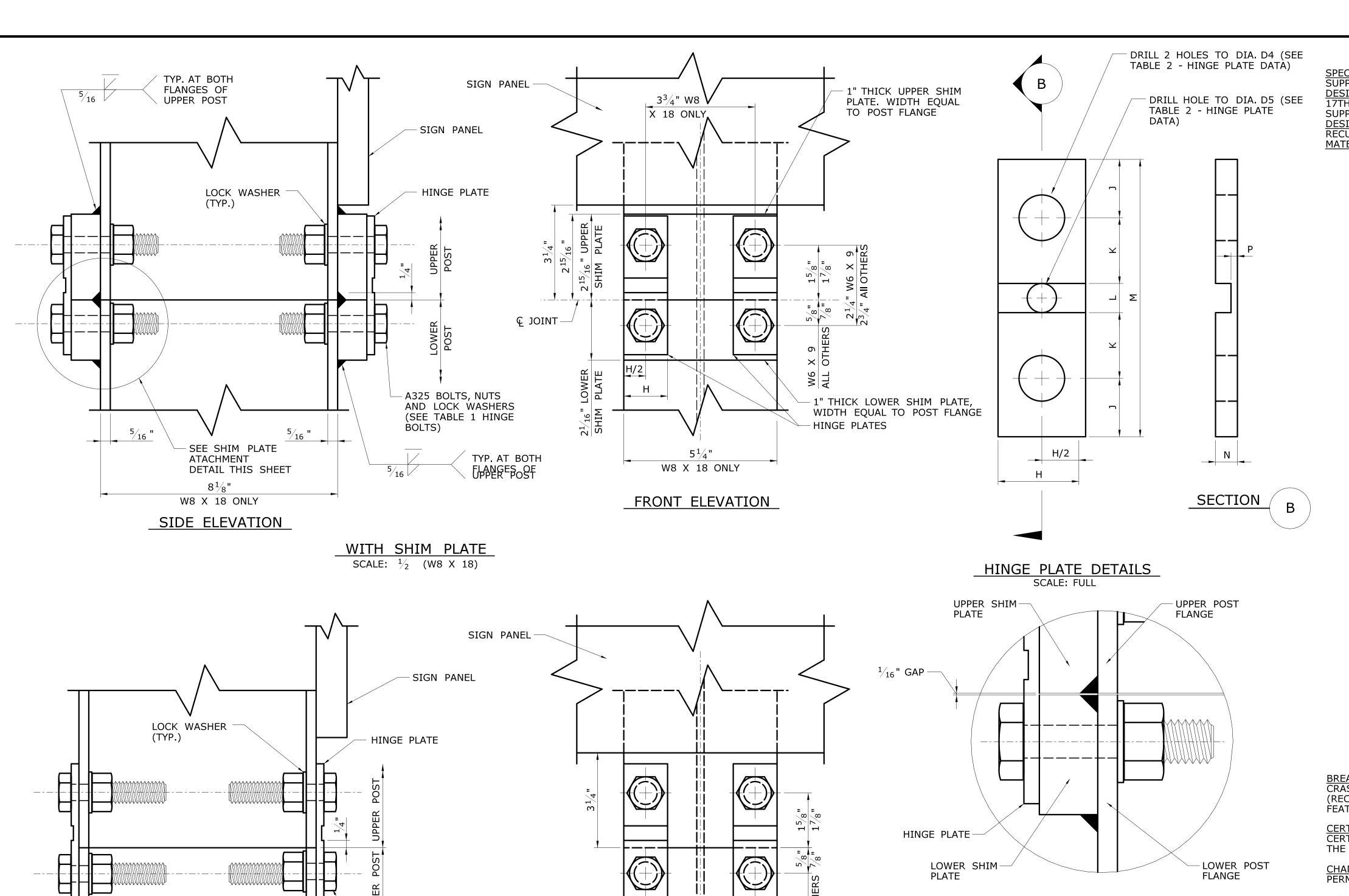
POST SELECTION TABLE 2

10/										H (Sign H	eight + Crown H	eight)								
W		4 ft	5 ft	6 ft	7 ft	8 ft	9 ft	10 ft	11 ft	12 ft	13 ft	14 ft	15 ft	16 ft	17 ft	18 ft	19 ft	20 ft	21 ft	22 ft
	7 ft	-	W6 x 9 #2	W6 x 12 #2	W6 x 12 #2	W6 x 15 #2	W6 x 15 #2	W6 x 15 #2S	W8 x 18 #2	W8 x 18 #2S	W10 x 22 #2	W10 x 22 #2	W10 x 26 #2	W10 x 26 #2S	W12 x 26 #2S	W18 x 35 #3	W18 x 35 #3	W21 x 44 #3	-	-
	8 ft	-	W8 x 10 #3	W6 x 12 #2	W6 x 15 #2	W6 x 15 #2	W6 x 15 #2	W6 x 16 #2S	W8 x 18 #2	W8 x 21 #2S	W10 x 22 #2	W10 x 26 #2	W10 x 26 #2	W12 x 26 #2	W14 x 30 #2	W18 x 35 #3	W21 x 44 #3	-	-	-
	9 ft	-	W6 x 12 #2	W6 x 15 #2	W6 x 15 #2	W6 x 15 #2	W6 x 16 #1	W8 x 18 #2	W8 x 21 #2	W10 x 22 #2	W10 x 26 #2	W10 x 26 #2	W12 x 26 #2	W14 x 30 #2	W18 x 35 #2	W18 x 40 #2	W21 x 44 #3	-	-	-
	10 ft	-	W6 x 12 #2	W6 x 15 #2	W6 x 15 #2	W6 x 16 #1	W8 x 18 #2	W8 x 21 #2	W8 x 21 #1	W10 x 26 #2	W10 x 26 #2	W12 x 26 #2	W14 x 30 #2	W16 x 36 #2	W18 x 40 #2	W21 x 44 #3	-	-	-	-
16 ft	11 ft	-	W6 x 15 #2	W6 x 15 #1	W6 x 15 #1	W8 x 18 #2	W6 x 20 #1	W8 x 21 #1	W10 x 26 #2	W10 x 26 #2	W10 x 26 #1	W12 x 30 #2	W14 x 34 #2	W18 x 40 #2	W21 x 44 #3	-	-	-	-	-
	12 ft	-	W6 x 15 #1	W6 x 15 #1	W8 x 18 #2	W6 x 20 #1	W8 x 21 #1	W10 x 26 #2	W10 x 26 #2	W10 x 26 #1	W12 x 30 #2	W14 x 34 #2	W16 x 36 #2	W18 x 40 #2	-	-	-	-	-	-
	13 ft	-	W6 x 15 #1	W6 x 16 #1	W6 x 20 #1	W6 x 20 #1	W10 x 22 #2	W10 x 26 #1	W10 x 26 #1	W10 x 30 #1	W14 x 34 #2	W16 x 36 #2	W18 x 40 #2	-	-	-	-	-	-	-
	14 ft 15 ft	-	W6 x 15 #1 W8 x 18 #1	W8 x 18 #1 W6 x 20 #1	W6 x 20 #1 W6 x 20 #1	W8 x 21 #1 W8 x 24 #1	W10 x 26 #1 W10 x 26 #1	W10 x 26 #1 W10 x 30 #1	W10 x 30 #1 W10 x 30 #1	W12 x 30 #1 W14 x 34 #2	W14 x 34 #2 W16 x 36 #2	W18 x 40 #2	-	-	-	-	-	-	-	-
	16 ft	-	W8 x 18 #1	W6 x 20 #1	W8 x 24 #1	W10 x 26 #1	W10 x 26 #1	W10 x 30 #1	W12 x 30 #1	W14 x 34 #2 W14 x 34 #1	W 10 X 30 #2	-	-	-	-	-	-	-	-	-
	7 ft	<u>-</u>	W6 x 9 #2	W6 x 12 #2	W6 x 12 #2	W6 x 15 #2	W6 x 15 #2	W6 x 15 #2S	W8 x 18 #2S	W8 x 21 #2S	W10 x 22 #2	W10 x 22 #2	W10 x 26 #2S	W12 x 26 #2	W14 x 30 #2	W18 x 35 #3	W21 x 44 #3	-	<u>-</u>	-
	8 ft		W6 x 12 #2	W6 x 12 #2	W6 x 15 #2	W6 x 15 #2	W6 x 15 #2	W8 x 18 #2	W8 x 21 #2S	W10 x 22 #2	W10 x 22 #2	W10 x 26 #2	W10 x 26 #23	W14 x 30 #2	W18 x 35 #3	W18 x 40 #3	W21 x 44 #3	_		
	9 ft		W6 x 12 #2	W6 x 15 #2	W6 x 15 #2	W6 x 15 #2	W8 x 18 #2	W6 x 20 #1S	W8 x 21 #2S	W10 x 22 #2	W10 x 26 #2	W10 x 26 #2	W14 x 30 #2	W18 x 35 #3	W18 x 40 #2	W21 x 44 #3	-	_	_	_
	10 ft	-	W6 x 12 #2	W6 x 15 #2	W6 x 15 #1	W8 x 18 #2	W6 x 20 #1	W8 x 21 #2	W10 x 22 #2	W10 x 26 #2	W10 x 26 #2	W12 x 30 #2	W14 x 34 #2	W18 x 40 #2	W21 x 44 #3	-	_	_	_	_
47.5	11 ft	-	W6 x 15 #2	W6 x 15 #1	W6 x 16 #1	W8 x 18 #2	W8 x 21 #2	W10 x 22 #2	W10 x 26 #2	W10 x 26 #2	W12 x 30 #2	W14 x 30 #2	W16 x 36 #2	W18 x 40 #2	W21 x 44 #3	-	-	-	-	-
17 ft	12 ft	-	W6 x 15 #1	W6 x 15 #1	W8 x 18 #2	W6 x 20 #1	W8 x 21 #1	W10 x 26 #2	W10 x 26 #2	W10 x 30 #1	W14 x 30 #2	W16 x 36 #2	W18 x 40 #2	W21 x 44 #2	-	-	-	-	-	-
	13 ft	-	W6 x 15 #1	W8 x 18 #1	W6 x 20 #1	W8 x 21 #1	W10 x 26 #2	W10 x 26 #1	W10 x 26 #1	W12 x 30 #2	W14 x 34 #2	W18 x 40 #2	W21 x 44 #2	-	-	-	-	-	-	-
	14 ft	-	W6 x 15 #1	W8 x 18 #1	W6 x 20 #1	W8 x 24 #1	W10 x 26 #1	W10 x 26 #1	W12 x 30 #2	W14 x 34 #2	W16 x 36 #2	W18 x 40 #2	-	-	-	-	-	-	-	-
	15 ft	-	W8 x 18 #1	W6 x 20 #1	W8 x 21 #1	W10 x 26 #1	W10 x 26 #1	W10 x 30 #1	W12 x 30 #1	W16 x 36 #2	-	-	-	-	-	-	-	-	-	-
	16 ft	-	W6 x 20 #1	W6 x 20 #1	W8 x 24 #1	W10 x 26 #1	W10 x 30 #1	W12 x 30 #1	W14 x 34 #1	-	-	-	-	-	-	-	-	-	-	-
	7 ft		W8 x 10 #3	W6 x 12 #2	W12 x 14 #3	W6 x 15 #2	W6 x 15 #2S	W6 x 15 #2S	W8 x 18 #2S	W8 x 21 #2S	W10 x 22 #2	W10 x 26 #2	W12 x 26 #2	W14 x 30 #2	W18 x 35 #3	W18 x 35 #3	W21 x 44 #3	-	-	-
	8 ft	-	W6 x 12 #2	W6 x 12 #2	W6 x 15 #2	W6 x 15 #2	W6 x 15 #2S	W8 x 18 #2	W8 x 21 #2S	W10 x 22 #2	W10 x 26 #2	W10 x 26 #2	W12 x 26 #2	W18 x 35 #3	W18 x 35 #3	W21 x 44 #3	-	-	-	-
	9 ft	-	W6 x 12 #2	W6 x 15 #2	W6 x 15 #2	W6 x 15 #2	W8 x 18 #2	W8 x 21 #2	W10 x 22 #2	W10 x 26 #2	W10 x 26 #2	W12 x 26 #2	W14 x 30 #2	W18 x 35 #3	W21 x 44 #3	-	-	-	-	-
	10 ft 11 ft		W6 x 15 #2 W6 x 15 #2	W6 x 15 #2 W6 x 15 #1	W6 x 15 #1 W8 x 18 #2	W8 x 18 #2 W6 x 20 #1	W8 x 21 #2 W8 x 21 #2	W8 x 21 #2 W10 x 26 #2	W10 x 26 #2 W10 x 26 #2	W10 x 26 #2	W12 x 26 #2 W12 x 30 #2	W14 x 30 #2 W16 x 36 #2	W18 x 35 #2 W18 x 40 #2	W18 x 40 #2 W21 x 44 #3	W21 x 44 #3	-	-	-	-	-
18 ft	12 ft	-	W6 x 15 #2	W6 x 15 #1	W8 x 18 #2	W8 x 21 #1	W10 x 22 #2	W10 x 26 #2	W10 x 26 #2 W10 x 26 #1	W10 x 26 #2 W12 x 30 #2	W14 x 34 #2	W18 x 40 #2	W21 x 44 #3	VV∠1 X 44 #3	-	-	-	-	-	-
	13 ft	<u> </u>	W6 x 15 #1	W8 x 18 #1	W6 x 20 #1	W8 x 21 #1	W10 x 26 #2	W10 x 26 #2	W10 x 30 #1	W14 x 34 #2	W16 x 36 #2	W18 x 40 #2	VVZ1X 44 #3	<u>-</u>	-	-	-	-	<u>-</u>	-
	14 ft		W6 x 16 #1	W6 x 20 #1	W6 x 20 #1	W10 x 26 #1	W10 x 26 #2	W10 x 30 #1	W12 x 30 #2	W16 x 36 #2	W18 x 40 #2	V 10 λ 40 π2			-	<u> </u>				
	15 ft	_	W8 x 18 #1	W6 x 20 #1	W8 x 24 #1	W10 x 26 #1	W10 x 26 #1	W12 x 30 #1	W14 x 34 #2	W16 x 36 #2	-	_	_	_	_	_	_	_	_	_
	16 ft	-	W6 x 20 #1	W6 x 20 #1	W10 x 26 #1	W10 x 26 #1	W10 x 30 #1	W12 x 30 #1	W16 x 36 #2	-	-	-	-	-	_	_	-	-	-	-
	7 ft	-	-	W6 x 12 #2	W12 x 14 #3	W6 x 15 #2	W6 x 15 #2S	W8 x 18 #2	W8 x 18 #2S	W10 x 22 #2	W10 x 22 #2	W10 x 26 #2	W12 x 26 #2	W14 x 30 #2	W18 x 35 #3	W21 x 44 #3	-	-	-	-
	8 ft	-	-	W12 x 14 #3	W6 x 15 #2	W6 x 15 #2	W6 x 16 #2S	W8 x 18 #2	W10 x 22 #2	W10 x 22 #2	W10 x 26 #2	W12 x 26 #2	W14 x 30 #2	W18 x 35 #3	W21 x 44 #3	W21 x 44 #3	-	-	-	-
	9 ft	-	-	W6 x 15 #2	W6 x 15 #2	W6 x 16 #2	W8 x 18 #2	W8 x 21 #2	W10 x 22 #2	W10 x 26 #2	W12 x 26 #2	W14 x 30 #2	W18 x 35 #3	W18 x 35 #3	W21 x 44 #3	-	-	-	-	-
	10 ft	-	-	W6 x 15 #2	W6 x 15 #1	W8 x 18 #2	W8 x 21 #2	W10 x 22 #2	W10 x 26 #2	W10 x 26 #2	W12 x 26 #2	W18 x 35 #3	W18 x 40 #3	W21 x 44 #3	-	-	-	-	-	-
19 ft	11 ft	-	-	W6 x 15 #1	W8 x 18 #2	W6 x 20 #1	W8 x 21 #1	W10 x 26 #2	W10 x 26 #2	W12 x 26 #2	W14 x 30 #2	W16 x 36 #2	W21 x 44 #3	-	-	-	-	-	-	-
	12 ft	-	-	W8 x 18 #2	W6 x 20 #1	W8 x 21 #1	W10 x 26 #2	W10 x 26 #2	W10 x 26 #1	W14 x 30 #2	W16 x 36 #2	W18 x 40 #2	W21 x 44 #3	-	-	-	-	-	-	-
	13 ft 14 ft	-	-	W8 x 18 #1 W6 x 20 #1	W6 x 20 #1 W8 x 21 #1	W10 x 22 #2 W10 x 26 #1	W10 x 26 #2 W10 x 26 #1	W10 x 26 #1 W12 x 30 #2	W12 x 30 #2 W14 x 34 #2	W16 x 36 #2 W16 x 36 #2	W18 x 40 #2	W21 x 44 #2	-	-	-	-	-	-	-	-
	15 ft		-	W6 x 20 #1	W8 x 24 #1	W10 x 26 #1	W10 x 20 #1	W12 x 30 #2 W12 x 30 #1	W16 x 36 #2	VV 10 X 30 #2	<u> </u>	-		-	-	-		-	<u>-</u>	
	16 ft	-	_	W6 x 20 #1	W10 x 26 #1	W10 x 26 #1	W10 x 30 #1	W14 x 34 #2	-	_	-	_	-	_	_	_	_	_	_	_
	7 ft	-	-	W6 x 12 #2	W6 x 15 #2	W6 x 15 #2	W6 x 15 #2S	W8 x 18 #2S	W8 x 21 #2S	W10 x 22 #2	W10 x 22 #2	W12 x 26 #2	W14 x 30 #3	W16 x 31 #3	W18 x 35 #3	W21 x 44 #3	-	-	-	-
	8 ft	-	-	W6 x 15 #2	W6 x 15 #2	W6 x 15 #2	W8 x 18 #2	W8 x 21 #2S	W10 x 22 #2	W10 x 22 #2	W10 x 26 #2	W12 x 26 #2	W18 x 35 #3	W18 x 35 #3	W21 x 44 #3	-	-	-	-	-
	9 ft	-	-	W6 x 15 #2	W6 x 15 #2	W8 x 18 #2	W8 x 21 #2	W10 x 22 #2	W10 x 22 #2	W10 x 26 #2	W12 x 26 #2	W14 x 34 #2	W18 x 35 #3	W21 x 44 #3	-	-	-	-	-	-
	10 ft	-	-	W6 x 15 #2	W6 x 16 #1	W8 x 18 #2	W8 x 21 #2	W10 x 22 #2	W10 x 26 #2	W12 x 26 #2	W14 x 30 #2	W18 x 35 #3	W21 x 44 #3	W21 x 44 #3	-	-	-	-	-	-
20 ft	11 ft	-	-	W6 x 15 #1	W8 x 18 #2	W8 x 21 #2	W10 x 22 #2	W10 x 26 #2	W10 x 26 #2	W12 x 30 #2	W18 x 35 #2	W18 x 40 #2	W21 x 44 #3	-	-	-	-	-	-	-
	12 ft	-	-	W8 x 18 #2	W6 x 20 #1	W8 x 21 #1	W10 x 26 #2	W10 x 26 #2	W12 x 30 #2	W14 x 30 #2	W18 x 40 #2	W21 x 44 #3	-	-	-	-	-	-	-	-
	13 ft	-	-	W6 x 20 #1	W8 x 21 #1	W10 x 26 #2	W10 x 26 #2	W10 x 30 #1	W14 x 30 #2	W16 x 36 #2	W18 x 40 #2	W21 x 44 #2	-	-	-	-	-	-	-	-
	14 ft		-	W6 x 20 #1	W8 x 21 #1	W10 x 26 #1	W10 x 26 #1	W12 x 30 #2	W16 x 36 #2	W18 x 40 #2	-	-	-	-	-	-	-	-		-
	15 ft 16 ft	-	-	W6 x 20 #1 W8 x 24 #1	W10 x 26 #1 W10 x 26 #1	W10 x 26 #1 W10 x 30 #1	W10 x 30 #1 W12 x 30 #1	W14 x 34 #2 W16 x 36 #2	W16 x 36 #2	-	-	-	-	-	-	-	-	-	-	-
	7 ft		-	W6 x 12 #2	W6 x 15 #2	W6 x 15 #2	W6 x 16 #2S	W8 x 18 #2S	W10 x 22 #2	W10 x 22 #2	- W10 x 26 #2	W12 x 26 #2	W16 x 31 #3	W18 x 35 #3	W21 x 44 #3	-	-	-	-	-
	8 ft	<u>-</u>	-	W6 x 12 #2 W6 x 15 #2	W6 x 15 #2	W6 x 15 #2	W8 x 18 #2	W8 x 21 #2S	W10 x 22 #2	W10 x 26 #2	W10 x 26 #2	W14 x 30 #2	W18 x 35 #3	W21 x 44 #3	VVZ1 X 44 #3	-	-	-	-	-
	9 ft	-	-	W6 x 15 #2	W6 x 15 #2	W8 x 18 #2	W8 x 21 #2	W10 x 22 #2	W10 x 26 #2	W10 x 26 #2	W14 x 30 #2	W14 x 35 #3	W18 x 35 #3	W21 x 44 #3	_	-	_	-	_	_
	10 ft	-	-	W6 x 15 #2	W8 x 18 #2	W6 x 20 #1	W10 x 22 #2	W10 x 26 #2	W10 x 26 #2	W12 x 26 #2	W18 x 35 #3	W18 x 35 #3	W21 x 44 #3	-	-	_	-	-	_	-
04 #	11 ft	-	-	W6 x 15 #1	W8 x 18 #2	W8 x 21 #2	W10 x 22 #2	W10 x 26 #2	W12 x 26 #2	W14 x 30 #2	W16 x 40 #2	W21 x 44 #3	-	-	-	-	-	-	-	-
21 ft	12 ft	-	-	W8 x 18 #2	W6 x 20 #1	W10 x 22 #2	W10 x 26 #2	W10 x 26 #2	W14 x 30 #2	W16 x 36 #2	W18 x 40 #2	W21 x 44 #3	-	-	-	-		-		-
	13 ft	-	-	W6 x 20 #1	W8 x 21 #1	W10 x 26 #2	W10 x 26 #2	W12 x 30 #2	W14 x 34 #2	W18 x 40 #2	W21 x 44 #3	-	-	-	-	-	-	-	-	-
	14 ft	-	-		W10 x 26 #2	W10 x 26 #1	W10 x 30 #1	W14 x 34 #2	W16 x 36 #2	-	-	-	-	-	-	-	-	-	-	-
	15 ft	-	-		W10 x 26 #1	W10 x 26 #1		W16 x 36 #2	-	-	-	-	-	-	-	-	-	-		-
	16 ft	-	-		W10 x 26 #1	W10 x 30 #1	W14 x 34 #2	W16 x 36 #2	-	-	-	-	-	-	-	-	-	-	-	-
	7 ft	-	-		W6 x 15 #2	W6 x 15 #2	W8 x 18 #2		W10 x 22 #2	W10 x 22 #2	W12 x 26 #3	W16 x 26 #3	W16 x 31 #3	W18 x 35 #3	W21 x 44 #3	-	-	-	-	-
	8 ft		-		W6 x 15 #2	W6 x 15 #2	W8 x 18 #2	W10 x 22 #2	W10 x 22 #2	W10 x 26 #2	W12 x 26 #2	W16 x 31 #3	W18 x 35 #3		-	-	-	-	-	-
	9 ft 10 ft	-	-		W6 x 15 #2	W8 x 18 #2	W8 x 21 #2	W10 x 22 #2	W10 x 26 #2	W12 x 26 #2	W14 x 30 #2	W18 x 35 #3 W21 x 44 #3	W21 x 44 #3	-	-	-	-	-	-	-
	10 ft 11 ft	-	-	W6 x 15 #2 W6 x 16 #1		W8 x 21 #2 W8 x 21 #2	W10 x 22 #2 W10 x 26 #2	W10 x 26 #2 W10 x 26 #2	W12 x 26 #2 W12 x 26 #2	W14 x 30 #2 W18 x 35 #3	W18 x 35 #3 W18 x 40 #3	W21 x 44 #3	-	-	-	-	<u>-</u>	-	<u>-</u>	-
22 ft	12 ft		-	W8 x 18 #2		W10 x 22 #2	W10 x 26 #2	W10 x 26 #2 W12 x 26 #2	W14 x 30 #2	W18 x 40 #2	W21 x 44 #3	VV∠1 X 44 #3	-	-	-	-	-	-	-	-
	13 ft	<u>-</u>	-	W6 x 20 #1	+	W10 x 26 #2	W10 x 26 #2	W12 x 20 #2 W12 x 30 #2	W16 x 36 #2	W18 x 40 #2	VV21X 44 #3 -	-	-	-	-	-	-	-	<u>-</u>	-
	14 ft	-	-	 	W10 x 26 #2				W18 x 40 #2	-	_	-	_	-	-	-	-	-	-	_
	15 ft	-	-			W10 x 30 #1		W16 x 36 #2	-	-	-	-	-	-	-	-	-	-	-	-
	16 ft	-	-		W10 x 26 #1		W14 x 34 #2	-	-	-	-	-	-	-	-	-	-	-	-	-

		DESIGNER/DRAFTER:	A SPARE D.	SIGNATURE/	PROJECT TITLE:	TOWN:	PROJECT NO.
	- THE INFORMATION, INCLUDING ESTIMAT	ED	CONNECTICITY	BLOCK:			
	QUANTITIES OF WORK, SHOWN ON THE SHEETS IS BASED ON LIMITED	SE CHECKED BY:	STATE OF CONNECTICUT	OFFICE OF ENGINEERING			DRAWING N
	INVESTIGATIONS BY THE STATE AND IS	5	STATE OF CONNECTICOT	OTTICE OF ENGINEERING			BSN
- -	- THE CONDITIONS OF ACTUAL QUANTITI	:S	DEPARTMENT OF TRANSPORTATION	APPROVED BY: DATE:		DRAWING TITLE:	
	_ OF WORK WHICH WILL BE REQUIRED.		DEPARTMENT OF TRANSPORTATION			BREAKAWAY SIGN SUPPO	RTS SHEET NO.
	-	SCALE AS NOTED				POST SELECTION TABLE	
V DATE REVISION DESCRIPTION	SHEET NO Plotted Date: 6/24/2019		Filename:\SB_Breakaway_Signpost_BSM4_PostSelectionTable_2.dgn			FOST SELECTION TABLE	_







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W8 X 18 ONLY

FRONT ELEVATION

A325 BOLTS, NUTS AND

TABLE 1 - HINGE BOLTS)

LOCK WASHERS. (SEE

SCALE: $\frac{1}{2}$ (W8 X 18)

W8 X 18 ONLY

SIDE ELEVATION

SHIM PLATE ATTACHMENT DETAILS

TABLE 2 - HINGE PLATE DATA

POST	PLATE			DI	HOLE DIA. (IN.)					
SIZE	NO.	Η	J	K	L	М	Z	Р	D4	D5
W6 X 9	1	1	3/4	7/8	1/2	3 ³ / ₄	¹⁵ ⁄ ₆₄	0.071 ± 0.004	17/32	NONE
W6* AND W8	2	1 ½	1	1 1/8	1/2	43/4	3/8	0.113 ± 0.004	25/ ₃₂	1/2
ALL OTHERS	3	1 1/2	1	1 1/8	1/2	43/4	3/8	0.113 ± 0.004	25/ ₃₂	NONE

GENERAL NOTES

SPECIFICATIONS: CONNECTICUT DEPARTMENT OF TRANSPORTATION FORM 817 (2016), SUPPLEMENTAL SPECIFICATION DATED JANUARY 2019, AND SPECIAL PROVISIONS. DESIGN SPECIFICATIONS: AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES 17TH EDITION DATED 2002, AND AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS (2013). DESIGN LOADS: THE DESIGN WIND SPEED IS 100 MPH, BASED ON A 10-YEAR MEAN RECURRENCE INTERVAL. MATERIALS:

FOUNDATIONS: CONCRETE FOR FOUNDATIONS SHALL BE CLASS "PCC03340" CONCRETE.

<u>REINFORCEMENT</u>: REINFORCING STEEL SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615, GRADE 60.

SIGN POSTS: STEEL FOR SIGN POSTS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A709, GRADE 36, AND SHALL BE HOT DIP GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123. THE POST SHALL BE PERMANENTLY LABELED WITH THE POST SIZE ON THE WEB AT THE BOTTOM OF THE LOWER POST.

ANCHORS: THREADED FERRULES SHALL BE FABRICATED FROM TYPE 304 STAINLESS STEEL. RODS SHALL BE FABRICATED FROM STEEL CONFORMING TO AISI 1038.

STEEL COILS SHALL CONFORM TO THE REQUIREMENTS OF AISI 1008. MINIMUM TENSILE STRENGTH OF 60,000 LBS.

SHIMS: 1" HORSESHOE SHIMS SHALL BE FABRICATED FROM 14 OR 18 GAUGE SHEET STEEL.

BREAKAWAY COUPLINGS: BREAKAWAY COUPLINGS SHALL BE MADE FROM ALLOY STEEL CONFORMING TO AMS 6378D WITH EXCEPTIONS TO DECARBURIZATION AND MACROSTRUCTURE CLAUSES OR AN EQUIVALENT MATERIAL, AND SHALL HAVE A MINIMUM TENSILE YIELD STRENGTH OF 130,000 PSI. THE COUPLING SHALL HAVE A MINIMUM TENSILE ULTIMATE STRENGTH OF 40,400 LBS. THE ROCKWELL HARDNESS SHALL BE C32 MINIMUM. COUPLINGS SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM A153, CLEANED AND PHOSPHATED PER FEDERAL SPECIFICATION TT-C-490C, COATED, 0.002" - 0.004" THICK, USING MORTON POWDER COATINGS' 20-7037 BLACK POLYESTER POWDER OR EQUIVALENT.
CHIPPED AREAS OF THE COATED SURFACE SHALL BE REPAIRED. ALL THREADED SURFACES, AFTER COATING, SHALL BE CLEANED TO ALLOW THEM TO FUNCTION

BRACKETS: BRACKETS SHALL BE MADE FROM ALUMINUM ALLOY 6061-T6 OR AN EQUIVALENT MATERIAL. THE LOAD CONCENTRATING MEMBER (BOSS) SHALL BE MADE FROM STAINLESS STEEL CONFORMING TO ASTM A582, TYPE 416 WITH ROCKWELL HARDNESS OF C33 - C45. LOCATION HOLES FOR THE BREAKAWAY COUPLING SHALL BE ACCURATELY POSITIONED RELATIVE TO THE LOAD CONCENTRATING MEMBER AND BRACKETS SHALL BE PERMANENTLY LABELED WITH THE BRACKET NUMBER TO REFLECT THE HOLE POSITIONING. SEE DWG. NO. BSM-6 FOR IDENTIFICATION OF BRACKETS BY NUMBER.

<u>HINGE PLATES</u>: HINGE PLATES SHALL BE MADE FROM ALLOY STEEL CONFORMING TO AISI 4130 OR AN EQUIVALENT MATERIAL AND SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123. THE HINGE PLATE SHALL HAVE A MINIMUM TENSILE YIELD STRENGTH OF 90,000 PSI AND MINIMUM TENSILE ULTIMATE STRENGTH AS FOLLOWS:

HI-1 7,100 LBS HI-2 11,300 LBS HI-3 17,000 LBS

BOLTS, NUTS AND WASHERS: UNLESS NOTED OTHERWISE, ALL BOLTS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A325. SPECIAL BOLTS SHALL CONFORM TO ASTM A449. NUTS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A563, GRADE DH. LOCKWASHERS SHALL CONFORM TO THE REQUIREMENTS OF ANSI B18-21-1. BOLTS, NUTS AND WASHERS SHALL BE GALVANIZED IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM A153. SPECIAL BOLTS MAY BE MECHANICALLY GALVANIZED IN ACCORDANCE WITH THE REQUIREMENTS OF ASTM B695, CLASS 50.

<u>CAP SCREWS</u>: CAP SCREWS ATTACHING BRACKETS TO POSTS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A307 AND SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM A153.

BREAKAWAY HARDWARE: BREAKAWAY HARDWARE SHALL BE SUPPLIED AS COMPONENTS OF A CRASH-TESTED SYSTEM COMPLYING WITH THE GUIDELINES OF NCHRP REPORT 350 (RECOMMENDED PROCEDURES FOR THE SAFETY PERFORMANCE EVALUATION OF HIGHWAY FEATURES). THE MANUFACTURER SHALL SUBMIT TEST REPORTS TO FHWA FOR APPROVAL.

<u>CERTIFICATION</u>: THE CONTRACTOR SHALL PROVIDE A MATERIALS CERTIFICATE TO CERTIFY THAT THE MATERIAL AND COMPONENTS CONFORM TO THOSE SHOWN ON THE PLANS AND SPECIFICATIONS.

<u>CHANGES</u>: NO CHANGE IN DESIGN MATERIALS OR DETAIL ALTERATIONS WILL BE PERMITTED WITHOUT PRIOR APPROVAL BY THE ENGINEER.

INSTALLATION: INSTALLATION OF THE BREAKAWAY ASSEMBLY SHALL BE IN ACCORDANCE WITH THE RECOMMENDED PRACTICES OF THE SUPPLIER.

BASIS OF PAYMENT: THE COST OF FURNISHING AND INSTALLING THE BREAKAWAY HINGE PLATE ASSEMBLY WILL BE INCLUDED IN THE PAY ITEM "STRUCTURAL STEEL." THE COST OF FURNISHING AND INSTALLING THE BREAKAWAY COUPLING SYSTEM, CONSISTING OF BRACKET, BREAKAWAY COUPLINGS, SPECIAL BOLTS, AND SHIMS WILL BE INCLUDED IN THE PAY ITEM "SIDE MOUNTED SIGN FOUNDATION." THE COST OF FURNISHING AND INSTALLING FOUNDATIONS, INCLUDING EXCAVATING, CLASS "PCC03340" CONCRETE, REINFORCING STEEL AND ANCHOR FERRULES, WILL BE INCLUDED IN THE PAY ITEM "SIDE MOUNTED SIGN FOUNDATION."

TABLE 1 - HINGE BOLTS			
POST SIZE	HINGE ASSEMBLY		THREAD DESIGNATION
	BOLT DIAMETER	BOLT LENGTH	(U.S. CUSTOMARY UNITS)
W6 x 9	1/2	1 1/2	13 UNC
ALL OTHERS	3/4	2 1/4	10 UNC

* EXCLUDING W6 X 9 THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED STATE OF CONNECTICUT OFFICE OF ENGINEERING - - -INVESTIGATIONS BY THE STATE AND IS - | - | -BSM-7 N NO WAY WARRANTED TO INDICATE _ | - | -THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED. **DEPARTMENT OF TRANSPORTATION** BREAKAWAY SIGN SUPPORTS SHEET NO. - | - | -- - -SCALE AS NOTED HINGE DETAILS REV. DATE REVISION DESCRIPTION SHEET NO. Plotted Date: 6/24/2019 Filename: ...\SB_Breakaway_Signpost_BSM7_HingeDet.dgn