

COLUMN BASE # = 10 x 2 1/2 x Y				COLUMN BASE # = 10 x 2 1/2 x Y				COLUMN BASE # = 10 x 2 1/2 x Y				COLUMN BASE # = 10 x 2 1/2 x Y				COLUMN BASE # = 10 x 2 1/2 x Y				COLUMN BASE # = 10 x 2 1/2 x Y				COLUMN BASE # = 10 x 2 1/2 x Y							
COLUMN LENGTH	O. TO O. P.L.G.S.	C. TO C. END RILES	BASE # LENGTH	COLUMN LENGTH	O. TO O. P.L.G.S.	C. TO C. END RILES	BASE # LENGTH	COLUMN LENGTH	O. TO O. P.L.G.S.	C. TO C. END RILES	BASE # LENGTH	COLUMN LENGTH	O. TO O. P.L.G.S.	C. TO C. END RILES	BASE # LENGTH	COLUMN LENGTH	O. TO O. P.L.G.S.	C. TO C. END RILES	BASE # LENGTH	COLUMN LENGTH	O. TO O. P.L.G.S.	C. TO C. END RILES	BASE # LENGTH	COLUMN LENGTH	O. TO O. P.L.G.S.	C. TO C. END RILES	BASE # LENGTH	COLUMN LENGTH	O. TO O. P.L.G.S.	C. TO C. END RILES	BASE # LENGTH
14-0	0	0	0	16-0	0	0	0	18-0	0	0	0	20-0	0	0	0	22-0	0	0	0	24-0	0	0	0	26-0	0	0	0	28-0	0	0	0
14-1	1	1	1	16-1	1	1	1	18-1	1	1	1	20-1	1	1	1	22-1	1	1	1	24-1	1	1	1	26-1	1	1	1	28-1	1	1	1
14-2	2	2	2	16-2	2	2	2	18-2	2	2	2	20-2	2	2	2	22-2	2	2	2	24-2	2	2	2	26-2	2	2	2	28-2	2	2	2
14-3	3	3	3	16-3	3	3	3	18-3	3	3	3	20-3	3	3	3	22-3	3	3	3	24-3	3	3	3	26-3	3	3	3	28-3	3	3	3
14-4	4	4	4	16-4	4	4	4	18-4	4	4	4	20-4	4	4	4	22-4	4	4	4	24-4	4	4	4	26-4	4	4	4	28-4	4	4	4
14-5	5	5	5	16-5	5	5	5	18-5	5	5	5	20-5	5	5	5	22-5	5	5	5	24-5	5	5	5	26-5	5	5	5	28-5	5	5	5
14-6	6	6	6	16-6	6	6	6	18-6	6	6	6	20-6	6	6	6	22-6	6	6	6	24-6	6	6	6	26-6	6	6	6	28-6	6	6	6
14-7	7	7	7	16-7	7	7	7	18-7	7	7	7	20-7	7	7	7	22-7	7	7	7	24-7	7	7	7	26-7	7	7	7	28-7	7	7	7
14-8	8	8	8	16-8	8	8	8	18-8	8	8	8	20-8	8	8	8	22-8	8	8	8	24-8	8	8	8	26-8	8	8	8	28-8	8	8	8
14-9	9	9	9	16-9	9	9	9	18-9	9	9	9	20-9	9	9	9	22-9	9	9	9	24-9	9	9	9	26-9	9	9	9	28-9	9	9	9
14-10	10	10	10	16-10	10	10	10	18-10	10	10	10	20-10	10	10	10	22-10	10	10	10	24-10	10	10	10	26-10	10	10	10	28-10	10	10	10
14-11	11	11	11	16-11	11	11	11	18-11	11	11	11	20-11	11	11	11	22-11	11	11	11	24-11	11	11	11	26-11	11	11	11	28-11	11	11	11
14-12	12	12	12	16-12	12	12	12	18-12	12	12	12	20-12	12	12	12	22-12	12	12	12	24-12	12	12	12	26-12	12	12	12	28-12	12	12	12
14-13	13	13	13	16-13	13	13	13	18-13	13	13	13	20-13	13	13	13	22-13	13	13	13	24-13	13	13	13	26-13	13	13	13	28-13	13	13	13
14-14	14	14	14	16-14	14	14	14	18-14	14	14	14	20-14	14	14	14	22-14	14	14	14	24-14	14	14	14	26-14	14	14	14	28-14	14	14	14
14-15	15	15	15	16-15	15	15	15	18-15	15	15	15	20-15	15	15	15	22-15	15	15	15	24-15	15	15	15	26-15	15	15	15	28-15	15	15	15
14-16	16	16	16	16-16	16	16	16	18-16	16	16	16	20-16	16	16	16	22-16	16	16	16	24-16	16	16	16	26-16	16	16	16	28-16	16	16	16
14-17	17	17	17	16-17	17	17	17	18-17	17	17	17	20-17	17	17	17	22-17	17	17	17	24-17	17	17	17	26-17	17	17	17	28-17	17	17	17
14-18	18	18	18	16-18	18	18	18	18-18	18	18	18	20-18	18	18	18	22-18	18	18	18	24-18	18	18	18	26-18	18	18	18	28-18	18	18	18
14-19	19	19	19	16-19	19	19	19	18-19	19	19	19	20-19	19	19	19	22-19	19	19	19	24-19	19	19	19	26-19	19	19	19	28-19	19	19	19
14-20	20	20	20	16-20	20	20	20	18-20	20	20	20	20-20	20	20	20	22-20	20	20	20	24-20	20	20	20	26-20	20	20	20	28-20	20	20	20
14-21	21	21	21	16-21	21	21	21	18-21	21	21	21	20-21	21	21	21	22-21	21	21	21	24-21	21	21	21	26-21	21	21	21	28-21	21	21	21
14-22	22	22	22	16-22	22	22	22	18-22	22	22	22	20-22	22	22	22	22-22	22	22	22	24-22	22	22	22	26-22	22	22	22	28-22	22	22	22
14-23	23	23	23	16-23	23	23	23	18-23	23	23	23	20-23	23	23	23	22-23	23	23	23	24-23	23	23	23	26-23	23	23	23	28-23	23	23	23
14-24	24	24	24	16-24	24	24	24	18-24	24	24	24	20-24	24	24	24	22-24	24	24	24	24-24	24	24	24	26-24	24	24	24	28-24	24	24	24
14-25	25	25	25	16-25	25	25	25	18-25	25	25	25	20-25	25	25	25	22-25	25	25	25	24-25	25	25	25	26-25	25	25	25	28-25	25	25	25
14-26	26	26	26	16-26	26	26	26	18-26	26	26	26	20-26	26	26	26	22-26	26	26	26	24-26	26	26	26	26-26	26	26	26	28-26	26	26	26
14-27	27	27	27	16-27	27	27	27	18-27	27	27	27	20-27	27	27	27	22-27	27	27	27	24-27	27	27	27	26-27	27	27	27	28-27	27	27	27
14-28	28	28	28	16-28	28	28	28	18-28	28	28	28	20-28	28	28	28	22-28	28	28	28	24-28	28	28	28	26-28	28	28	28	28-28	28	28	28
14-29	29	29	29	16-29	29	29	29	18-29	29	29	29	20-29	29	29	29	22-29	29	29	29	24-29	29	29	29	26-29	29	29	29	28-29	29	29	29
14-30	30	30	30	16-30	30	30	30	18-30	30	30	30	20-30	30	30	30	22-30	30	30	30	24-30	30	30	30	26-30	30	30	30	28-30	30	30	30

LENGTH @-INCHES	LENGTH @-INCHES	LENGTH @-INCHES	
0-0	0.0000	0-0	0.0000
0-1	0.0156	0-1	0.0156
0-2	0.0312	0-2	0.0312
0-3	0.0469	0-3	0.0469
0-4	0.0625	0-4	0.0625
0-5	0.0781	0-5	0.0781
0-6	0.0938	0-6	0.0938
0-7	0.1094	0-7	0.1094
0-8	0.1250	0-8	0.1250
0-9	0.1406	0-9	0.1406
0-10	0.1562	0-10	0.1562
0-11	0.1719	0-11	0.1719
0-12	0.1875	0-12	0.1875
0-13	0.2031	0-13	0.2031
0-14	0.2188	0-14	0.2188
0-15	0.2344	0-15	0.2344
0-16	0.2500	0-16	0.2500
0-17	0.2656	0-17	0.2656
0-18	0.2812	0-18	0.2812
0-19	0.2969	0-19	0.2969
0-20	0.3125	0-20	0.3125
0-21	0.3281	0-21	0.3281
0-22	0.3438	0-22	0.3438
0-23	0.3594	0-23	0.3594
0-24	0.3750	0-24	0.3750
0-25	0.3906	0-25	0.3906
0-26	0.4062	0-26	0.4062
0-27	0.4219	0-27	0.4219
0-28	0.4375	0-28	0.4375
0-29	0.4531	0-29	0.4531
0-30	0.4688	0-30	0.4688

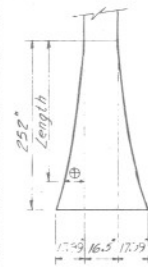
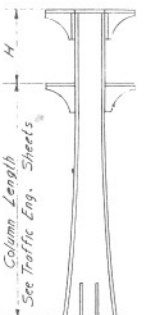


CHART FOR CUTTING PARABOLIC CURVE IN 3" WEB #2.

LENGTH @-INCHES	LENGTH @-INCHES
0-0	0.0000
0-1	0.0153
0-2	0.0306
0-3	0.0459
0-4	0.0612
0-5	0.0765
0-6	0.0918
0-7	0.1071
0-8	0.1224
0-9	0.1377
0-10	0.1530
0-11	0.1683
0-12	0.1836
0-13	0.1989
0-14	0.2142
0-15	0.2295
0-16	0.2448
0-17	0.2601
0-18	0.2754
0-19	0.2907
0-20	0.3060
0-21	0.3213
0-22	0.3366
0-23	0.3519
0-24	0.3672
0-25	0.3825
0-26	0.3978
0-27	0.4131
0-28	0.4284
0-29	0.4437
0-30	0.4590



CHART FOR CUTTING PARABOLIC CURVE IN 2" FLANGE #2.



Note: For Column Lengths under 14-0 dimensions W, X and Y are to be calculated.

DESIGN APPROVED
R.C. Brecken
 APPROVED FOR DISTRIBUTION
R.C. Brecken

STATE OF ARIZONA
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 STANDARD DRAWINGS

OVERHEAD SIGN STRUCTURE
 COLUMN DETAILS

REV. II-74
 DRAWING NO. 2-S-5.11