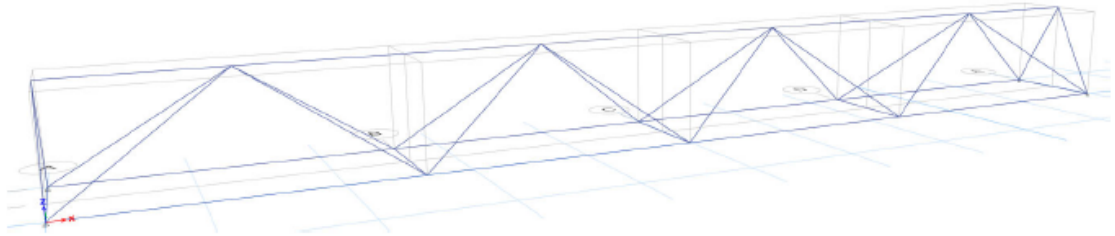


12" Triangular Truss

Allowable Loading Conditions



12" TRIANGULAR TRUSS								
SPAN	UNIFORM LOAD		CENTRE POINT		1/3 POINTS		1/4 POINTS	
	LOAD (plf)	Δ (in)	LOAD (lbs)	Δ (in)	LOAD (lbs)	Δ (in)	LOAD (lbs)	Δ (in)
10'	445	0.14	2245	0.13	1480	0.14	1120	0.15
20'	135	0.54	1235	0.42	895	0.53	670	0.52
30'	50	0.98	850	0.96	605	1.07	405	0.99
40'	28	1.76	585	1.44	405	1.70	280	1.58

NOTES:

MAIN CHORDS 2" OD x 1/8" 6061 T6 ALUMINUM

DIAGONAL CHORDS 1" OD x 1/8" 6061 T6 ALUMINUM

END GUSSET PLATES 2 1/2" x 3/8" 6061 T6 ALUMINUM FLAT BAR c.w. 5/8" Ø GRADE 8 BOLT

MINIMUM 4043 WELD ALLOY

LOADING AT PANEL POINTS ONLY

LOADING IN ACCORDANCE WITH NBCC, LIVE LOAD FACTOR OF 1.5

Standard Sizes		Accessories	
Product Code	Description	Product Code	Description
12BT10	10 ft. Section	12CB/3	3 Way Corner Block
12BT8	8 ft. Section	12CB/4	4 Way Corner Block
12BT7	7 ft. Section	12CB/5	5 Way Corner Block
12BT6	6 ft. Section	12CB/6	6 Way Corner Block
12BT5	5 ft. Section	12CCB-60	60 Degree Curved Corner Block
12BT4	4 ft. Section	12CCB-45	45 Degree Curved Corner Block
12BT3	3 ft. Section	12CCB-30	30 Degree Curved Corner Block
12BT2	2 ft. Section	12CCB-22.5	22.5 Degree Curved Corner Block
12BT1	1 ft. Section	12FH	Flat Hinge
		12TH-4	4 ft. Tower Hinge