

Section Properties

Number of Posts per end	1	Number of Chords	3
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Overhead Truss

Section 1													
Chord Area	Mem. Off	Dis. Area	Total I	Total S	Total Area	Chord	Weight	Ice Area	Wind Area	Wind Area	Diagonal	No. of Diags.	Diagonal
sq	in	sq	sq	sq	sq	per foot	per foot	sq	sq	sq	R min	per plane	Length
2.68	4.771	0.94	1751	97.26	11.61	1.33	39.5	6.0	1.00	0.71	0.389	8	2.88
2.68	4.771	0.94	1751	84.13	11.61	1.33	39.5	6.0	1.00	0.71	0.389	8	2.88
in ²	in	in ²	in ²	in ²	in	lb/ft	in ² /ft	in ²	in ²	in	in		(feet)

Section 2													
Chord Area	Mem. Off	Dis. Area	Total I	Total S	Total Area	Chord	Weight	Ice Area	Wind Area	Wind Area	Diagonal	No. of Diags.	Diagonal
sq	in	sq	sq	sq	sq	per foot	per foot	sq	sq	sq	R min	per plane	Length
2.68	4.771	0.94	1751	97.26	11.61	1.33	39.5	6.0	1.00	0.71	0.389	8	2.88
2.68	4.771	0.94	1751	84.13	11.61	1.33	39.5	6.0	1.00	0.71	0.389	8	2.88
in ²	in	in ²	in ²	in ²	in	lb/ft	in ² /ft	in ²	in ²	in	in		(feet)

Section 3 - Section 1													
Chord Area	Mem. Off	Dis. Area	Total I	Total S	Total Area	Chord	Weight	Ice Area	Wind Area	Wind Area	Diagonal	No. of Diags.	Diagonal
sq	in	sq	sq	sq	sq	per foot	per foot	sq	sq	sq	R min	per plane	Length
2.68	4.77	0.94	1751	97.26	11.61	1.33	39.50	6.0	1.00	0.71	0.39	8.00	2.88
2.68	4.77	0.94	1751	84.13	11.61	1.33	39.50	6.0	1.00	0.71	0.39	8.00	2.88
in ²	in	in ²	in ²	in ²	in	lb/ft	in ² /ft	in ²	in ²	in	in		(feet)

Posts

Left Post													
Chord Area	Mem. Off	Dis. Area	Ixx	Iyy	Izz	Chord	Size	Weight	Ice Area	Wind Area	Diagonal	Total Number	Diagonal
sq	in	sq	in ⁴	in ⁴	in ⁴	per foot	in	lb/ft	sq	sq	R min	of Diagonals	Length
21.21	483.093	0.00	483.09	69.01	483.09	4.77	69.01	72.16	3.67	1.167	999	0	0.00
in ²	in	in ²	in ⁴	in ⁴	in ⁴	in	in	lb/ft	in ²	in ²	in		(feet)

Right Post													
Chord Area	Mem. Off	Dis. Area	Ixx	Iyy	Izz	Chord	Size	Weight	Ice Area	Wind Area	Diagonal	Total Number	Diagonal
sq	in	sq	in ⁴	in ⁴	in ⁴	per foot	in	lb/ft	sq	sq	R min	of Diagonals	Length
21.21	483.093	0.00	483.09	69.01	483.09	4.77	69.01	72.16	3.67	1.167	999	0	0.00
in ²	in	in ²	in ⁴	in ⁴	in ⁴	in	in	lb/ft	in ²	in ²	in		(feet)

Signs

Sign 1				Sign 2			
Area	Weight	Ice Load	L/W Ratio	Area	Weight	Ice Load	L/W Ratio
44.3637	15.6	0.01	3.26419333	0	0	0	0
in ²	lb	in	in	in ²	lb	in	in

Sign 3			
Area	Weight	Ice Load	L/W Ratio
0	0	0	0
in ²	lb	in	in

Section 1 & 3				Section 2			
Ice Area 4 =	Ice Area 5 =	Ice Area 6 =	Ice Area 7 =	Ice Area 4 =	Ice Area 5 =	Ice Area 6 =	Ice Area 7 =
0.4713	0.4713	0.4713	0.4713	0.4713	0.4713	0.4713	0.4713
Wind area diag 4 =	Wind area diag 5 =	Wind area diag 6 =	Wind area diag 7 =	Wind area diag 4 =	Wind area diag 5 =	Wind area diag 6 =	Wind area diag 7 =
0.7070	0.7070	0.7070	0.7070	0.7070	0.7070	0.7070	0.7070
Ice Area 1 =	Ice Area 2 =	Ice Area 3 =	Ice Area 8 =	Ice Area 1 =	Ice Area 2 =	Ice Area 3 =	Ice Area 8 =
1.047108	1.047108	1.047108	1.047108	1.047108	1.047108	1.047108	1.047108