

150 ft Truss

Gravity Loading

1 75 2 56 3 38 4 28

LIGHT LOADING

W Shapes at 90 Degrees

Down 'V' with verticals

2 brace

T Chord	W	14	x	132
B Chord	W	14	x	38
Int Web	W	14	x	30
Ext Web	W	14	x	34
Vertical	W	14	x	22
Total L		671	ft	
Weight		35.7	kips	

Flying 'V' with verticals

2 brace

T Chord	W	14	x	109
B Chord	W	14	x	38
Int Web	W	14	x	30
Ext Web	W	14	x	30
Vertical	W	14	x	22
Total L		671	ft	
Weight		32	kips	

Inverted Flying 'V' with verticals

2 brace

T Chord	W	14	x	120
B Chord	W	14	x	38
Int Web	W	14	x	26
Ext Web	W	14	x	30
Vertical	W	14	x	22
Total L		671	ft	
Weight		33.1	kips	

Up 'V' with verticals

2 brace

T Chord	W	14	x	90
B Chord	W	14	x	43
Int Web	W	14	x	22
Ext Web	W	14	x	22
Vertical	W	14	x	22
Total L		671	ft	
Weight		28.2	kips	

3 brace

T Chord	W	12	x	87
B Chord	W	12	x	35
Int Web	W	12	x	26
Ext Web	W	12	x	25
Vertical	W	12	x	14
Total L		671	ft	
Weight		26.8	kips	

3 brace

T Chord	W	12	x	65
B Chord	W	12	x	40
Int Web	W	12	x	22
Ext Web	W	12	x	26
Vertical	W	12	x	14
Total L		671	ft	
Weight		23.5	kips	

3 brace

T Chord	W	14	x	90
B Chord	W	14	x	38
Int Web	W	14	x	26
Ext Web	W	14	x	30
Vertical	W	14	x	22
Total L		671	ft	
Weight		28.6	kips	

3 brace

T Chord	W	12	x	65
B Chord	W	12	x	40
Int Web	W	12	x	14
Ext Web	W	12	x	14
Vertical	W	12	x	26
Total L		671	ft	
Weight		22.9	kips	

4 braces

T Chord	W	10	x	60
B Chord	W	10	x	39
Int Web	W	10	x	22
Ext Web	W	10	x	33
Vertical	W	10	x	12
Total L		671	ft	
Weight		22.3	kips	

4 braces

T Chord	W	10	x	49
B Chord	W	10	x	39
Int Web	W	10	x	22
Ext Web	W	10	x	30
Vertical	W	10	x	12
Total L		671	ft	
Weight		20.5	kips	

4 braces

T Chord	W	12	x	65
B Chord	W	12	x	35
Int Web	W	12	x	26
Ext Web	W	12	x	26
Vertical	W	12	x	14
Total L		671	ft	
Weight		22.8	kips	

4 braces

T Chord	W	10	x	49
B Chord	W	10	x	39
Int Web	W	10	x	12
Ext Web	W	10	x	12
Vertical	W	10	x	22
Total L		671	ft	
Weight		19.3	kips	

7 braces

T Chord	W	8	x	40
B Chord	W	8	x	35
Int Web	W	8	x	21
Ext Web	W	8	x	28
Vertical	W	8	x	10
Total L		671	ft	
Weight		17.8	kips	

7 braces

T Chord	W	8	x	35
B Chord	W	8	x	35
Int Web	W	8	x	21
Ext Web	W	8	x	24
Vertical	W	8	x	10
Total L		671	ft	
Weight		16.8	kips	

7 braces

T Chord	W	8	x	48
B Chord	W	8	x	35
Int Web	W	8	x	18
Ext Web	W	8	x	24
Vertical	W	8	x	10
Total L		671	ft	
Weight		18.3	kips	

7 braces

T Chord	W	10	x	33
B Chord	W	10	x	33
Int Web	W	10	x	12
Ext Web	W	10	x	12
Vertical	W	10	x	22
Total L		671	ft	
Weight		16	kips	