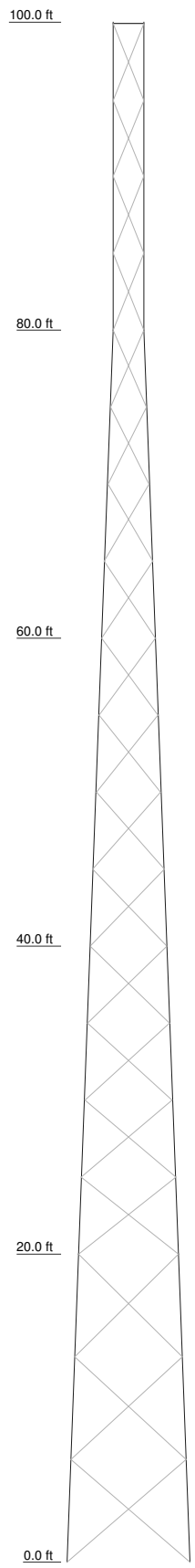


Section	T1	T2	T3	T4	T5
Legs	P2x.154				
Leg Grade	A500-50				
Diagonals	L1 3/4x1 3/4x1/8				
Diagonal Grade	A529-50				
Top Girts	N.A.				
Face Width (ft)	8	6.5	5	3.5	2
# Panels @ (ft)	4 @ 4.97917	12 @ 5	579.8	627.0	923.0
Weight (lb)	586.7	541.6			



DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
4' Lightning Rod	100	4' Panel	100
4' Panel	100	2' Solid Dish	95
4' Panel	100		

MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A500-50	50 ksi	62 ksi	A529-50	50 ksi	65 ksi

TOWER DESIGN NOTES

1. Tower designed for Exposure C to the TIA-222-G Standard.
2. Tower designed for a 90 mph basic wind in accordance with the TIA-222-G Standard.
3. Tower is also designed for a 40 mph basic wind with 1.00 in ice. Ice is considered to increase in thickness with height.
4. Deflections are based upon a 60 mph wind.
5. Tower Structure Class II.
6. Topographic Category 1 with Crest Height of 0.00 ft
7. TOWER RATING: 95%

ALL REACTIONS ARE FACTORED

MAX. CORNER REACTIONS AT BASE:
 DOWN: 38670 lb
 UPLIFT: -33336 lb
 SHEAR: 3098 lb

