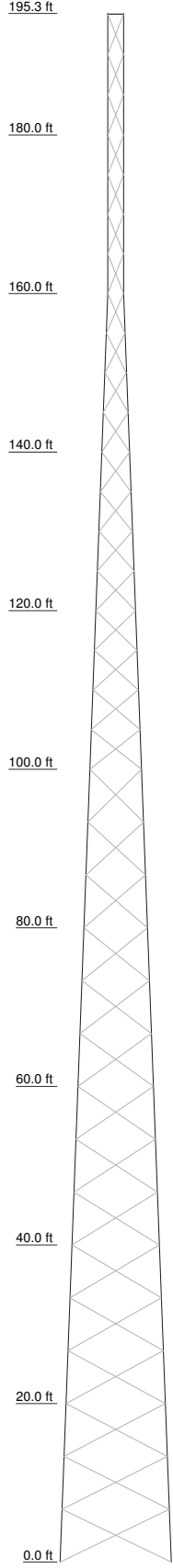


Section	T10	T9	T8	T7	T6	T5	T4	T3	T2	T1
Legs	P4x.237		P3.5x.226			P3x.216			P2x.154	
Leg Grade					A500-50					
Diagonals	L2 1/2x2 1/2x3/16		L2x2x1/8		L1 3/4x1 3/4x1/8				L2x2x3/16	
Diagonal Grade					A529-50					
Top Girts					N.A.				L1 3/4x1 3/4x1/8	
Face Width (ft)	14	12.5	11	9.5	8	6.5	5	3.5		2
# Panels @ (ft)								16 @ 5		3 @ 5.07222
Weight (lb) 10644.8	1908.7	1813.7	15 @ 6.66667	1183.6	1081.5	923.0	886.3	848.2	526.4	536.8



DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
4' Lightning Rod	195	4' Panel	195
4' Panel	195	2' Solid Dish	190
4' Panel	195		

MATERIAL STRENGTH

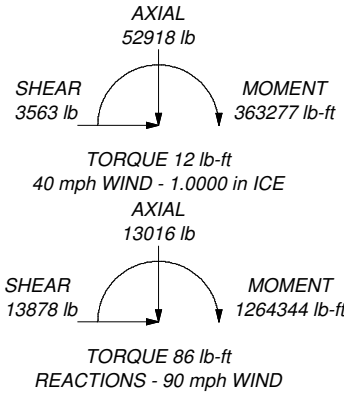
GRADE	Fy	Fu	GRADE	Fy	Fu
A500-50	50 ksi	62 ksi	A529-50	50 ksi	65 ksi

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: 91.4%

ALL REACTIONS ARE FACTORED

MAX. CORNER REACTIONS AT BASE:
 DOWN: 108575 lb
 UPLIFT: -91912 lb
 SHEAR: 8767 lb



Foundation estimate for NSX 14 X 195.3' based on Assumed Sand Soil per TIA/EIA-222-G.

Block Foundation

- Concrete Dimensions: 18.5 ft x 18.5 ft x 4.0 ft thick block bearing at 3.5 ft deep (50.7 cu yd concrete)
- Mat Reinforcement: 22 - #6 rebar per direction per layer, 88 total (2379# total weight)
- Concrete Strength: 3000 psi

