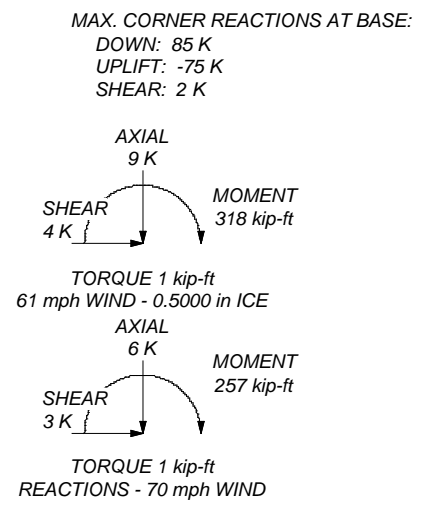
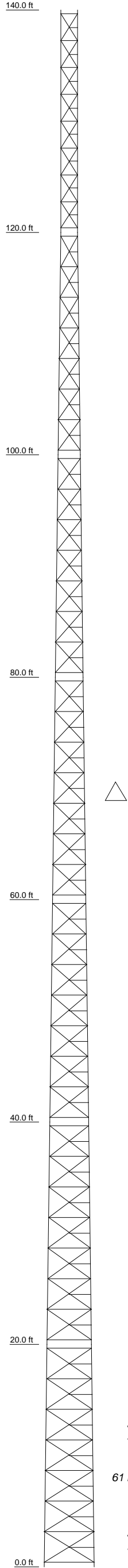


Section	T1	T2	T3	T4	T5	T6	T7
Legs	SR 1 1/4	SR 1 1/2	SR 1 3/4	SR 2	SR 2 1/4	SR 2 1/4	SR 2 1/4
Leg Grade				A572-50			
Diagonals				SR 5/8			
Diagonal Grade				A36			
Top Girts				SR 3/4			
Bottom Girts				SR 3/4			
Horizontals				SR 3/4			
Sec. Horizontals				SR 3/4			
Face Width (ft)	1.5	2	2.5	3	3.5	4	4.5
# Panels @ (ft)	8 @ 2.40625			42 @ 2.75			
Weight (K)	0.4	0.6	0.7	0.8	1.1	1.1	1.2



DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
DB201 (.875")	140	3' sidearms (optional)	130
3' sidearms (optional)	140	DB212	130
DB212	130	3' sidearms (optional)	130

MATERIAL STRENGTH

GRADE	Fy	Fu	GRADE	Fy	Fu
A572-50	50 ksi	65 ksi	A36	36 ksi	58 ksi

TOWER DESIGN NOTES

1. Tower is located in Hamilton County, Illinois.
2. Tower designed for a 70 mph basic wind in accordance with the TIA/EIA-222-F Standard.
3. Tower is also designed for a 61 mph basic wind with 0.50 in ice.
4. Deflections are based upon a 50 mph wind.
5. Tower designed for 3/4" step integral climbing ladder.
6. Tower designed for integral feedline tabs.

<p>Tower Innovations 2855 Hwy. 261 Newburgh, IN. 47630 Phone: (812) 853-0595 FAX: (812) 853-6652</p>	<p>Job: S2981 - 18976</p>
	<p>Client: McLeansboro, IL</p>
	<p>Code: TIA/EIA-222-F</p>
	<p>Path: C:\0 - Current Design Run\PDF\10 - Typical Wireless SS Tower - S2981 - 18976.dwg</p>
<p>Drawn by: T.I. Engineering Dept.</p>	<p>App'd:</p>
<p>Date: 12/19/06</p>	<p>Scale: NTS</p>
<p>Dwg No. E-1</p>	<p></p>