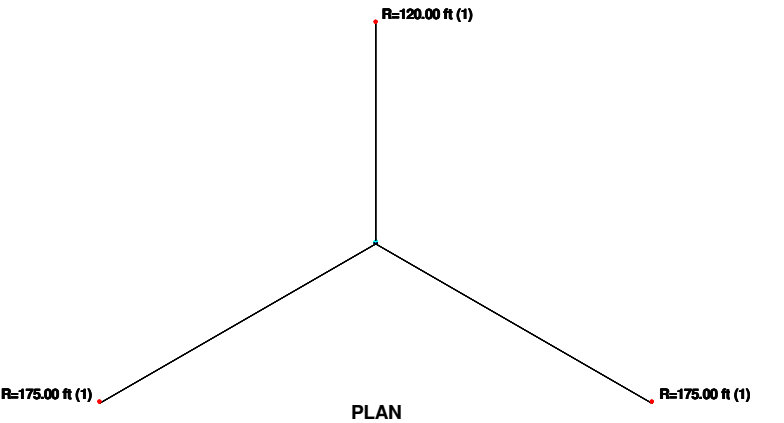
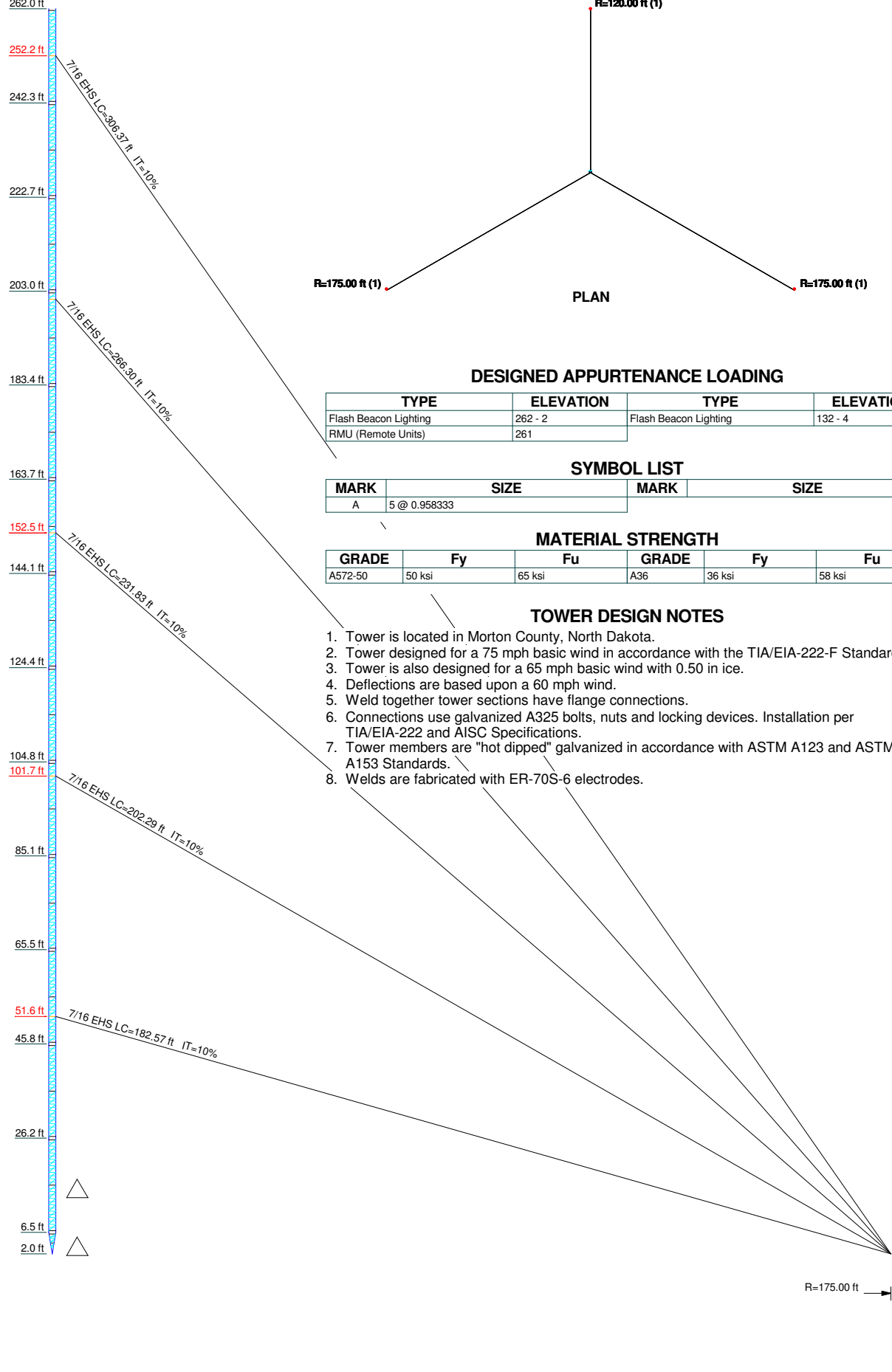


Section	T1	L13	L12	L11	L10	L9	L8	L7	L6	L5	L4	L3	L2	L1
Legs								SR 1 1/2						
Leg Grade								A572-50						
Diagonals								SR 1/2						
Diagonal Grade								A36						
Top Girts								SR 1/2						
Mid Girts								SR 1/2						N.A.
Bottom Girts								SR 1/2						
Horizontals								SR 1/2						
Sec. Horizontals								SR 1/2						
Top Guy Pull-Offs								N.A.						4x5/8
Face Width (ft)								1.5						
# Panels @ (ft)								A						
Weight (lb)								6760 @ 1033						533.8



DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
Flash Beacon Lighting	262 - 2	Flash Beacon Lighting	132 - 4
RMU (Remote Units)	261		

SYMBOL LIST

MARK	SIZE	MARK	SIZE
A	5 @ 0.958333		

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 Morton County, North Dakota.
2. Tower designed for a 75 mph basic wind in accordance with the TIA/EIA-222-F Standard.
3. Tower is also designed for a 65 mph basic wind with 0.50 in ice.
4. Deflections are based upon a 60 mph wind.
5. Weld together tower sections have flange connections.
6. Connections use galvanized A325 bolts, nuts and locking devices. Installation per TIA/EIA-222 and AISC Specifications.
7. Tower members are "hot dipped" galvanized in accordance with ASTM A123 and ASTM A153 Standards.
8. Welds are fabricated with ER-70S-6 electrodes.

Great Plains Towers 126 Sixth Street West West Fargo ND 58078 Phone: 800 853 2236 FAX: 701 282 2148	Job: GPT 80M tall (262') X 18" wide		
	Project: GPT Guyed Tower		
	Client: Great Plains Towers	Drawn by: Kevin Reski	App'd:
	Code: TIA/EIA-222-F	Date: 05/21/09	Scale: NTS
	Path: C:\Documents and Settings\kreski\Desktop\80m MET Tower.eri	Dwg No. E-1	