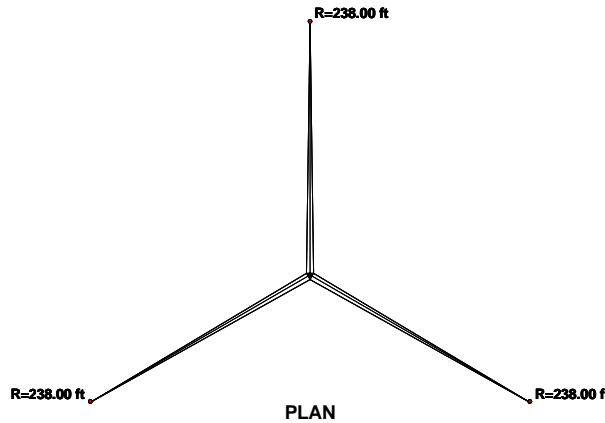
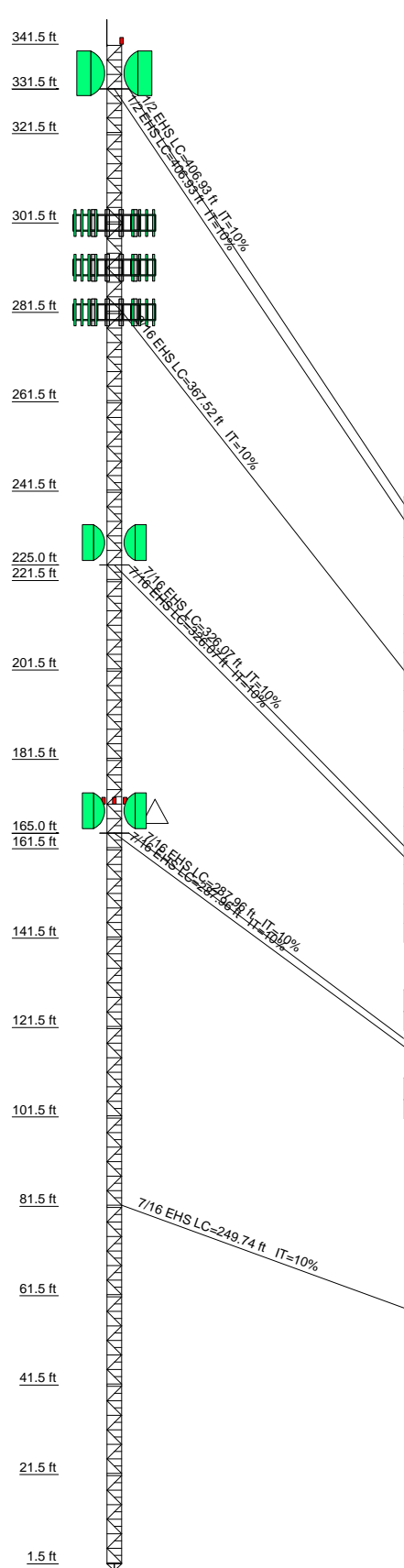


Section	T17	T16	T15	T14	T13	T12	T11	T10	T9	T8	T7	T6	T5	T4	T3	T2	T1
Legs				SR 2 1/4" solid				SR 2 1/2" solid			SR 2 1/4" solid				SR 2" solid		
Leg Grade				SR 1" solid				SR 1 1/8" solid			SR 1" solid				A		SR 1" solid
Diagonals								A572-50									
Diagonal Grade								A36									
Top Girts								SR 3/4" solid									
Bottom Girts								SR 3/4" solid									
Horizontal								SR 3/4" solid									
Sec. Horizontals								SR 5/8" solid									SR 3/4" solid
Top Guy Pull-Offs								SR 1" solid									SR 1" solid
Face Width (ft)								3.5									N.A.
# Panels @ (ft)								102 @ 3.25									SR 1" solid
Weight (lb)	22511.8	1221.2	1221.2	1221.2	1221.2	1221.2	1221.2	1482.2	2046.5	1421.1	1221.2	1821.2	1042.3	1042.3	1119.2	1042.3	1006.6



DESIGNED APPURTENANCE LOADING

TYPE	ELEVATION	TYPE	ELEVATION
FAA L-864/L-865 Beacon	341.5	Generic Sector Frame	291.5
5/8" X 5' Lightning Rod	341.5	Generic Sector Frame	291.5
8' x 4.5" Pipe Mount	336.5	(4) 72" x 12" x 3" Panel	281.5
8' x 4.5" Pipe Mount	336.5	(4) 72" x 12" x 3" Panel	281.5
HP-10	335	(4) 72" x 12" x 3" Panel	281.5
HP-10	335	(2) 10" x 6" x 2.5" TMA	281.5
(4) 72" x 12" x 3" Panel	301.5	(2) 10" x 6" x 2.5" TMA	281.5
(4) 72" x 12" x 3" Panel	301.5	(2) 10" x 6" x 2.5" TMA	281.5
(4) 72" x 12" x 3" Panel	301.5	Generic Sector Frame	281.5
(2) 10" x 6" x 2.5" TMA	301.5	Generic Sector Frame	281.5
(2) 10" x 6" x 2.5" TMA	301.5	Generic Sector Frame	281.5
(2) 10" x 6" x 2.5" TMA	301.5	Generic Sector Frame	281.5
Generic Sector Frame	301.5	8' x 4.5" Pipe Mount	230
Generic Sector Frame	301.5	HP-8	230
Generic Sector Frame	301.5	HP-8	230
(4) 72" x 12" x 3" Panel	291.5	8' x 4.5" Pipe Mount	171.5
(4) 72" x 12" x 3" Panel	291.5	FAA L-810 Sidelight	171.5
(4) 72" x 12" x 3" Panel	291.5	FAA L-810 Sidelight	171.5
(2) 10" x 6" x 2.5" TMA	291.5	8' x 4.5" Pipe Mount	171.5
(2) 10" x 6" x 2.5" TMA	291.5	HP-8	170
(2) 10" x 6" x 2.5" TMA	291.5	HP-8	170
Generic Sector Frame	291.5	HP-8	170

SYMBOL LIST


MARK	SIZE	MARK	SIZE
A	SR 1 1/8" solid	B	SR 1 1/4" solid

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 La Porte County, Indiana.
2. Tower designed for Exposure C to the TIA-222-G Standard.
3. Tower designed for a 89 mph basic wind in accordance with the TIA-222-G Standard.
4. Tower is also designed for a 40 mph basic wind with 0.75 in ice. Ice is considered to increase in thickness with height.
5. Tower Structure Class II.
6. Topographic Category 1 with Crest Height of 0.00 ft
7. TOWER RATING: 94.4%



Paul J. Ford and Company
250 E. Broad St, Suite 600
Columbus, Ohio 43215
Phone: (614) 221-6679
FAX:

Job: Proposed 340 ft Guyed Tower; La Porte Co., IN

Project: **PJF A00015-T053.001.8200**

Client: TowerKing.com	Drawn by: O.F.H.	App'd:
Code: TIA-222-G	Date: 02/13/15	Scale: NTS
Path:		Dwg No. E-1

©1/TOWER000_Mar2015/00015-T053-Late Hydro/Tower Model/A00015-T053.001.8200_Convert Graphical Representation.plt