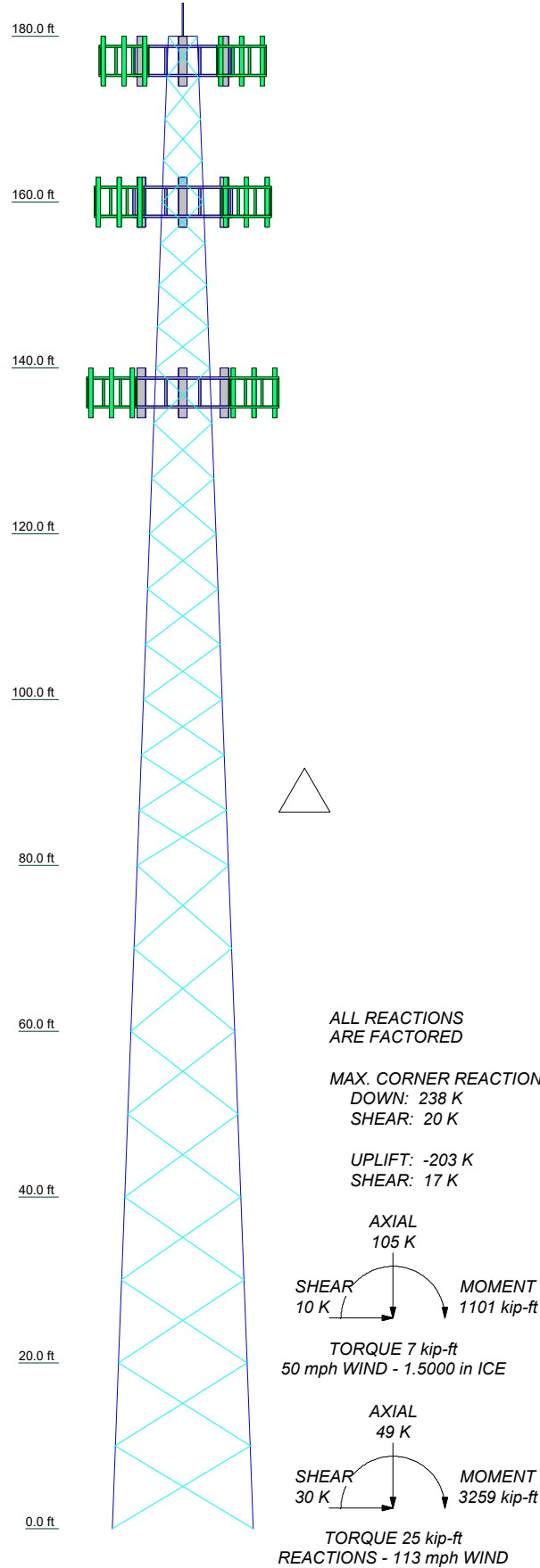


Section	T9	T8	T7	T6	T5	T4	T3	T2	T1
Legs	P10x.5	P10x.365		P8x.322		P6x.28	P5x0.258	P3x0.216	P2.5 x 0.203
Leg Grade	A500-50			A500M-54					
Diagonals	2L4x4x1/4x3/8	L3 1/2x3 1/2x1/4		L3x3x1/4	L 3x3x3/16	L2 1/2x2 1/2x3/16		L1 1/2x1 1/2x3/16	
Diagonal Grade	A36								
Top Girts	N.A.								
Face Width (ft)	17	15.5	14	12.5	11	9.5	8	6.5	5
# Panels @ (ft)		8 @ 10		9 @ 6.66667					
Weight (K)	23.3	6.3	3.7	3.6	2.6	2.5	1.7	0.8	0.7



DESIGNED APPURTENANCE LOADING	
TYPE	ELEVATION
4-ft Lightning Rod	180
Kathrein 800-10121 w/ MP (ATT)	177
Kathrein 800-10121 w/ MP (ATT)	177
Kathrein 800-10121 w/ MP (ATT)	177
CCI DMP65R-BU8D w/ MP (ATT)	177
CCI DMP65R-BU8D w/ MP (ATT)	177
CCI DMP65R-BU8D w/ MP (ATT)	177
CCI HPA65R-BU8A w/MP (ATT)	177
CCI HPA65R-BU8A w/MP (ATT)	177
CCI HPA65R-BU8A w/MP (ATT)	177
Ericsson RRUS 4478 B14 (ATT)	177
Ericsson RRUS 4478 B14 (ATT)	177
Ericsson RRUS 4478 B14 (ATT)	177
Ericsson RRUS 4449 (ATT)	177
Ericsson RRUS 4449 (ATT)	177
Ericsson RRUS 4449 (ATT)	177
Ericsson RRUS-8843 (ATT)	177
Ericsson RRUS-8843 (ATT)	177
Ericsson RRUS-8843 (ATT)	177
Powerwave LGP2140X (ATT)	177
Powerwave LGP2140X (ATT)	177
Powerwave LGP2140X (ATT)	177
Raycap DC6-48-60-0-8F (ATT)	177
Raycap DC6-48-60-0-8F (ATT)	177
Raycap DC6-48-60-0-8F (ATT)	177
Pirot 12' T-Frame Sector Mount (1) (ATT)	177
Pirot 12' T-Frame Sector Mount (1) (ATT)	177
Pirot 12' T-Frame Sector Mount (1) (ATT)	177
(2) NHH-55B-R2B w/ MP (Verizon)	160
(2) Commscope NHH-65B-HG-R2B w/MP (Verizon)	160
(2) Commscope NHH-65B-HG-R2B w/MP (Verizon)	160
Samsung MT6413-77A w/ MP (Verizon)	160

TYPE	ELEVATION
Samsung MT6413-77A w/ MP (Verizon)	160
Samsung MT6413-77A w/ MP (Verizon)	160
Samsung RF4461d-13A (Verizon)	160
Samsung RF4461d-13A (Verizon)	160
Samsung RF4461d-13A (Verizon)	160
Samsung B2/B66A RRH ORAN (RF4801d-25B) (Verizon)	160
Samsung B2/B66A RRH ORAN (RF4801d-25B) (Verizon)	160
Samsung B2/B66A RRH ORAN (RF4801d-25B) (Verizon)	160
Raycap RVZDC-3315-PF-48 (Verizon)	160
Pirot 12' T-Frame Sector Mount (1) (Verizon)	160
Pirot 12' T-Frame Sector Mount (1) (Verizon)	160
Pirot 12' T-Frame Sector Mount (1) (Verizon)	160
(3) HR w/ Double V-Brace Kits (Verizon)	160
Site Pro 1 VFA10-HD [1] (TMO)	137
Site Pro 1 VFA10-HD [1] (TMO)	137
Site Pro 1 VFA10-HD [1] (TMO)	137
Ericsson 840590966 w/ MP (TMO)	137
Ericsson 840590966 w/ MP (TMO)	137
Ericsson 840590966 w/ MP (TMO)	137
Ericsson AIR 6419 B41 w/MP (TMO)	137
Ericsson AIR 6419 B41 w/MP (TMO)	137
Ericsson AIR 6419 B41 w/MP (TMO)	137
RFS APXVLL19P_43-C-A20 w/ MP (TMO)	137
RFS APXVLL19P_43-C-A20 w/ MP (TMO)	137
RFS APXVLL19P_43-C-A20 w/ MP (TMO)	137
Ericsson RRUS 4460 (TMO)	137
Ericsson RRUS 4460 (TMO)	137
Ericsson RRUS 4460 (TMO)	137
Ericsson RRUS 4480 B71+B85 (TMO)	137
Ericsson RRUS 4480 B71+B85 (TMO)	137
Ericsson RRUS 4480 B71+B85 (TMO)	137

MATERIAL STRENGTH					
GRADE	Fy	Fu	GRADE	Fy	Fu
A500M-54	54 ksi	70 ksi	A500-50	50 ksi	62 ksi
A36	36 ksi	58 ksi			

TOWER DESIGN NOTES

- 1. Tower is located in Franklin County, Massachusetts.
- 2. Tower designed for Exposure B to the TIA-222-H Standard.
- 3. Tower designed for a 113 mph basic wind in accordance with the TIA-222-H Standard.
- 4. Tower is also designed for a 50 mph basic wind with 1.50 in ice. Ice is considered to increase in thickness with height.
- 5. Deflections are based upon a 60 mph wind.
- 6. Tower Risk Category II.
- 7. Topographic Category 1 with Crest Height of 0.00 ft
- 8. TOWER RATING: 68%

Phone:
FAX:

Job: **ERVING_W_MA / 674895**

Project: **FUZE#: 17303951**

Client: Verizon

Code: TIA-222-H

Path:

App'd:

Scale: NTS

Dwg No. E-1