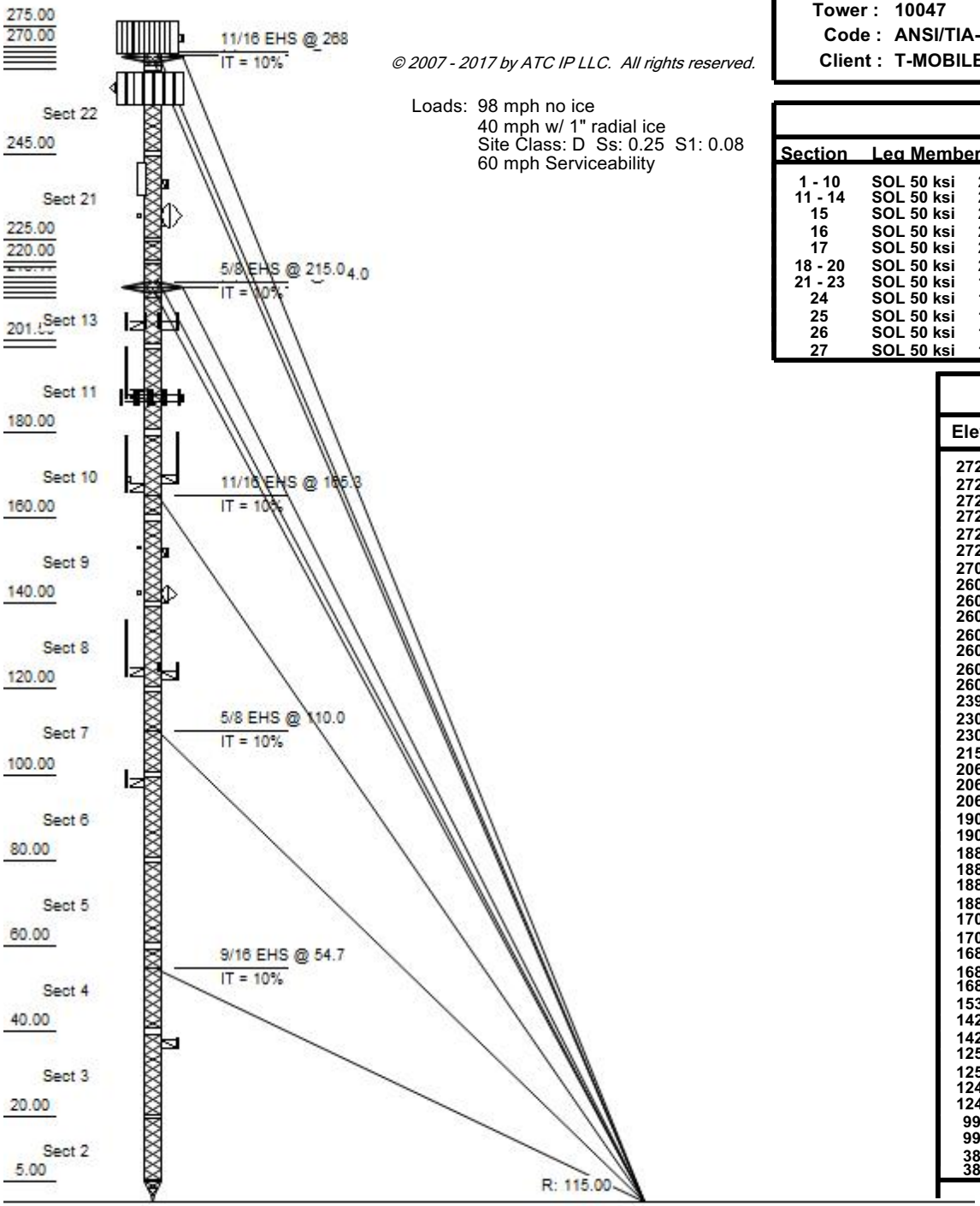


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Loads: 98 mph no ice
40 mph w/ 1" radial ice
Site Class: D Ss: 0.25 S1: 0.08
60 mph Serviceability

## Job Information

Tower : 10047
Code : ANSI/TIA-222-G
Client : T-MOBILE
Location : PORTLAND ME, ME
Shape : Triangle
Base Width

CITY OF PORTLAND, MAINE — RESURGAM
Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 11/27/17

## Sections Properties

| Section | Leg Members | | Diagonal Members | Horizontal Members |
|---|---|---|---|---|
| 1 - 10 | SOL 50 ksi | 2 1/4" SOLID | SOL 50 ksi 3/4" SOLID | SOL 50 ksi 3/4" SOLID |
| 11 - 14 | SOL 50 ksi | 2" SOLID | SOL 50 ksi 3/4" SOLID | SOL 50 ksi 3/4" SOLID |
| 15 | SOL 50 ksi | 2" SOLID | SOL 50 ksi 3/4" SOLID | PL 50 ksi PL 3 x 0.375 |
| 16 | SOL 50 ksi | 2" SOLID | SOL 50 ksi 3/4" SOLID | SOL 50 ksi 3/4" SOLID |
| 17 | SOL 50 ksi | 2" SOLID | SOL 50 ksi 3/4" SOLID | PL 50 ksi PL 3 x 0.375 |
| 18 - 20 | SOL 50 ksi | 2" SOLID | SOL 50 ksi 3/4" SOLID | SOL 50 ksi 3/4" SOLID |
| 21 - 23 | SOL 50 ksi | 1 3/4" SOLID | SOL 50 ksi 3/4" SOLID | SOL 50 ksi 3/4" SOLID |
| 24 | SOL 50 ksi | 1 3/4" SOLID | SOL 50 ksi 3/4" SOLID | PL 50 ksi PL 3 x 0.375 |
| 25 | SOL 50 ksi | 1 3/4" SOLID | SOL 50 ksi 3/4" SOLID | SOL 50 ksi 3/4" SOLID |
| 26 | SOL 50 ksi | 1 3/4" SOLID | SOL 50 ksi 3/4" SOLID | PL 50 ksi PL 3 x 0.375 |
| 27 | SOL 50 ksi | 1 3/4" SOLID | SOL 50 ksi 3/4" SOLID | SOL 50 ksi 3/4" SOLID |

## Discrete Appurtenance

| Elev (ft) | Type | Qty | Description |
|---|---|---|---|
| 272.00 | Panel | 12 | Commscope SBNHH-1D65C (96.6") |
| 272.00 | Panel | 3 | Alcatel-Lucent B66a RRH4x45 (A |
| 272.00 | Panel | 3 | Alcatel-Lucent B25 RRH4x30-4R |
| 272.00 | Panel | 3 | Alcatel-Lucent B13 RRH4x30-4R |
| 272.00 | Panel | 2 | Raycap RxxDC-3315-PF-48 |
| 272.00 | Mounting Frame | 3 | Flat Light Sector Frame |
| 270.00 | Other | 1 | Torque Arms |
| 260.00 | Panel | 3 | RFS APXVAA24_43-U-A20 |
| 260.00 | Panel | 3 | Ericsson Radio 4478 B71 |
| 260.00 | Panel | 3 | RFS ATMA4P4DBP-VA20 |
| 260.00 | Panel | 3 | Andrew ETW200VS12UB |
| 260.00 | Panel | 3 | RFS APX16DWV-16DWV-S-E-ACU |
| 260.00 | Dish | 1 | Radio Waves G3-2.4 |
| 260.00 | Mounting Frame | 3 | Round Sector Frame |
| 239.00 | Panel | 1 | RAC 8' Ice Shield |
| 230.00 | Dish | 1 | Radio Waves HPD6-4.7NS |
| 230.00 | Panel | 1 | Motorola PTP 45600 |
| 215.00 | Other | 1 | Torque Arms |
| 206.00 | Straight Arm | 3 | Stand-Off |
| 206.00 | Panel | 3 | KMW HB-X-WM-17-65-00T |
| 206.00 | Panel | 3 | KMW HB-X-WM-17-65-00T-TTLNA (w |
| 190.00 | Straight Arm | 1 | Stand-Off |
| 190.00 | Whip | 1 | 10' Omni |
| 188.00 | Panel | 3 | Ericsson RRUS-11 (50 lbs.) |
| 188.00 | Panel | 6 | KMW AM-X-CD-17-65-00T-RET |
| 188.00 | Panel | 1 | Raycap RUSDC-6267-PF-48 |
| 188.00 | Mounting Frame | 3 | Round Sector Frame |
| 170.00 | Straight Arm | 1 | Stand-Off |
| 170.00 | Whip | 1 | 10' Omni |
| 168.00 | Panel | 1 | TX RX Systems 421-83A-01261 |
| 168.00 | Straight Arm | 1 | Stand-Off |
| 168.00 | Whip | 1 | Bird BA40-41-DIN |
| 153.00 | Panel | 1 | 6' Ice Shield |
| 142.00 | Dish | 1 | Radio Waves HPD4-4.7 |
| 142.00 | Panel | 1 | Motorola PTP 45600 |
| 125.00 | Whip | 1 | Bird BA40-41-DIN |
| 125.00 | Straight Arm | 1 | Stand-Off |
| 124.00 | Straight Arm | 1 | Stand-Off |
| 124.00 | Whip | 2 | 2' Omni |
| 99.00 | Straight Arm | 1 | Stand-Off |
| 99.00 | Whip | 1 | 2' Omni |
| 38.00 | Whip | 1 | 2" X 8" GPS |
| 38.00 | Straight Arm | 1 | Stand-Off |