



Town of Ashland, Massachusetts

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January 25, 2024

Centerline Communications
750 West Center Street, Suite 301
West Bridgewater, MA 02379
Attn: Adam Wolfrey

Subject: T-Mobile Upgrade on Tower Road Peer Review Revision

Dear Mr. Wolfrey:

We issued a peer review approval letter dated May 5, 2023 in response to your request to make modifications to the following T-Mobile Cell Tower/System:

Site ID: 4BN0138A
Site Name: BN138/Twr Rd WT RFP
Project Name: Anchor
Address: 24 Tower Rd
Ashland, MA 01721

We are revising our approval letter to eliminate the concrete repairs on the abandoned water storage tank presently used to support the tower.

As you know, Haley Ward, Inc. performed an initial peer review on your proposed cell tower modifications. The following topics (Tower Structural Analysis, Water Tank Structure and Antenna Mapping Report, and the Drawing Review) are the recommendations provided from Haley Ward, Inc. as a result of their peer review.

Tower Structural Analysis

We received a structural analysis of the antenna tower prepared by Centerline Communications dated March 21, 2023. We reviewed the structural report that indicated the antenna tower and associated supports have the capacity to support the revised layout of the T-Mobile equipment and the existing AT&T equipment. We identified no issues with the structural report.

Water Tank Structure and Antenna Mapping Report

We also received a water tank structure and antenna mapping report prepared by Structural Components, dated March 9, 2022. We reviewed the water tank structure and antenna mapping report and compared it against the report completed by Simpson, Gumpertz & Heger, dated October 13, 2015, for the AT&T upgrade. There appears to be additional degradation of the tank structure and tower structure since the 2015 report.

There are additional areas of the concrete tank where concrete has spalled off, possibly exposing reinforcing bars. The 2022 report identified eleven issues/recommendations. It is our decision to not include the concrete repairs in T-Mobiles upgrade work.

One very important item to mention is the strength and condition of the concrete domed roof. The roof may be as thin as 2-3 inches near the center of the dome. It is our recommendation that there is minimal to no foot traffic on the dome. Therefore, a manlift should be used for all communications equipment removal and installations to avoid point loading.

Drawings Review

We have completed the review of the drawings and would like to point out the following items.

1. The drawings indicate antenna and cables to be replaced. We recommend a note indicating all equipment, materials clips, hardware that will be abandoned with the upgrade be removed from the Tower.

Dwg SN-1

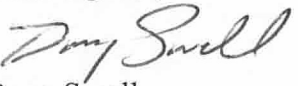
- 1. Structural Note 1: Add "Massachusetts Building Code 9th Edition" after "Design requirements are per" and delete "State Building Code".*
- 2. Structural note 1: Add "2015 IBC" after " International building Code".*
- 3. Structural note 3: Add "AISC 360-10" at the end of the note.*
- 4. Notes 1-6 bottom, 2nd column, appears to discuss building a platform on a roof. These notes appear not to be applicable to this project, recommend removing notes 1-6.*

If you have any question on this letter, please feel free to contact our office. If you are in agreement, the letter can be passed on to the applicant.

As long as Centerline Communications agrees to and complies with Haley Ward, Inc.'s recommendations, the Ashland Department of Public Works (Water Department) is onboard with this project moving forward.

If you have any questions, please do not hesitate to let me know.

Best Regards,



Doug Small

Cc: Greg Eldridge, Haley Ward
Peter Matcheck, Ashland Town Planner