



Re: Groton-Dunstable Regional School District_Proposed Wireless Tower

From Lee M Lemoine <lee.lemoine@modularcommunications.com>

Date Wed 2/25/2026 2:27 PM

To Bene Dituri <BDituri@towercomenterprises.com>

Cc David Stairs <dstairs@town.pepperell.ma.us>; Takashi Tada <ttada@grotonma.gov>; Nick Constantine <nconstantine@tepgroup.net>; John Stevens <jstevens@towercomenterprises.com>

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Bene; looks great from our part. the 45' standoff will be minimal as far as incursion on an 18/23ghz licensed path.

Further - I don't expect issues with intermodulation as this traditionally has not been an issue. I've good relations with field techs and engineering with all major market carriers should something arise. Pardon the typos - Sent from my iPhone

On Feb 25, 2026, at 9:37 AM, Bene Dituri <BDituri@towercomenterprises.com> wrote:

Thank you, David.

Hi Lee - if you should have any questions or comments please let me know. Thank you too.

Sincerely,

Bene Dituri
TowerCom C-PRV
M: 312.446.1145
www.towercomenterprises.com

From: David Stairs <dstairs@town.pepperell.ma.us>

Sent: Wednesday, February 25, 2026 8:08 AM

To: Bene Dituri <BDituri@towercomenterprises.com>

Cc: Lee.Lemoine@ModularCommunications.com <Lee.Lemoine@ModularCommunications.com>; Takashi Tada <ttada@grotonma.gov>; Nick Constantine <nconstantine@tepgroup.net>; John Stevens <jstevens@towercomenterprises.com>

Subject: RE: Groton-Dunstable Regional School District_Proposed Wireless Tower

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Bene,

Thank you for the report. I don't see any issues or concerns with this tower per the info in said report, unless someone else has questions or concerns (Lee Lemoine?) I am satisfied.

<image001.png>

David R. Stairs

Executive Director

Patriot Regional Emergency Communications Center

59 Main Street, Pepperell, MA 01463

Serving the communities of Ashby, Dunstable, Groton, Pepperell and Townsend

978-433-2737

978-433-0300 (fax)

dstairs@town.pepperell.ma.us

From: Bene Dituri <BDituri@towercomenterprises.com>

Sent: Tuesday, February 24, 2026 9:27 AM

To: David Stairs <dstairs@town.pepperell.ma.us>

Cc: Lee.Lemoine@ModularCommunications.com; Takashi Tada <ttada@grotonma.gov>; Nick Constantine <nconstantine@tepgroup.net>; John Stevens <jstevens@towercomenterprises.com>; Bene Dituri <BDituri@towercomenterprises.com>

Subject: Groton-Dunstable Regional School District_Proposed Wireless Tower

Hi David,

By way of introduction, John Stevens and I represent the tower being proposed by TowerCom at the school district site. As you may know, we have been in dialogue with the Town officials regarding the proposal and one question arose regarding potential interference to the existing Town's tower. We are taking steps in our due diligence to ensure that there is no potential interference of the proposed tower's location to the Town's existing tower & equipment, specific to the line of sight of the microwave(s) and their pathing.

Attached for your review is line-of-sight diagram estimated by our Engineering team (TEP) based upon the path information that you provided to us through Town of Groton - Planning (Takashi Tada). Based upon TEP's analysis, it is estimated that the nearest point to the outer dimension of the tower and its equipment mounts (northerly direction) is ~ 45ft from the existing MW's directional line of sight path between Groton to Pepperell PD.

Additionally, as you may already be aware, the wireless carriers operate on licensed (closed) frequencies granted by the FCC, which provide exclusive and interference-protected mobile services. Aside from any potential physical interference with the Town's tower or microwave paths, which appears to be mitigated by the proposed tower's location per TEP's placement and analysis, TowerCom has offered to perform an intermodulation study should the Town desire further due diligence regarding the carriers' RF propagation.

Below is a snip of the Leased Compound with Project Details for your consideration:

<image002.png>

Project Details:

- Tower's proposed location (center Lat = 42°38'51.239" N; Long = -071°32'17.657" W)
- The proposed tower will be 120 ft + lighting rod, at a total tower + ground elevation of 402.1 ft per the 1A survey (also attached)
- The proposed tower's lease compound is located south & easterly at ~ 175 ft away from the existing Town's self-support tower
- The proposed tower will feature a tapered monopole design, with its diameter increasing from the top toward the base. The base is expected to be approximately 8–10 feet in diameter, subject to engineering requirements based on the combined loading of the carriers' equipment
- The proposed mounts on the monopole for the carriers' facilities will span approx. ± 6-7 ft from center of pole in each direction. The monopole and the equipment mounts shall be contained within the lease compound at all RAD heights, not extending beyond the 35ft x 70ft area
- The engineers (TEP) assessed the monopole and mount widths to determine the distance to the MW paths

Please let us know if you would like to review this further with us and our teams to the satisfy the Town officials' interests and/or address any questions. If possible, we intend on meeting the Town's planning Board this week, **Thursday, February 26th** for a pre-submission meeting to present the proposed tower development. I will be in contact with Takashi Tada today.

We look forward to working with you and the Patriot Regional Emergency Communications Center.

Final Note: *The information regarding tower interference to the MW paths is assumed to be **confidential** on the premise that there may be security interests to protect before releasing any of this information into the public record through a Planning board (public) meeting. We will defer to Patriot Emergency and the Town on whether we can release any specifics to the line of sight paths on this document that the Town has to Gibbet Hill and to Pepperell PD's new tower.*

Sincerely,

Bene Dituri
TowerCom C-PRV
M: 312.446.1145
www.towercomenterprises.com