

Conor McCormack

From: Patric Yaghoobian [REDACTED]
Sent: Friday, January 26, 2024 3:32 PM
To: Conor McCormack
Subject: Public Comment Regarding Building Proximity to National Grid ROW
Attachments: 17 Rice Rd - Application - Section 8 Site Plan (1).pdf

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Dear Mr. Perro and Members of the Zoning Board,

Firstly, I am an Electrical Engineer with almost 10 years of experience in the Utility business. I am only speaking on the behalf of myself and the surrounding neighbors who may share similar concerns. I am not affiliated with National Grid and cannot speak on their behalf.

In reviewing the proposed site plan details for the 17 Rice Rd 40B project, I noted that Building #3 is approximately 10 feet away from the boundary of National Grid's Right of Way (ROW) and approximately 60 feet away from the High Voltage Transmission Lines.

Due to the proximity of a structure to National Grid's ROW, they should be made aware of this project, if not done so already.

Additionally, in order to supply electricity to the 3 buildings, the 3-phase circuit would need to be extended from the intersection of Fontaine St and S Main St to Rice Rd. This encompasses ~2100' of overhead construction and will greatly increase the electric demand on the circuit that supplies electricity to this area. The alternative would be to install electric lines from Providence St and over the train tracks to the site but this would require an easement from the railroad company that would most likely be denied due to the nature of what is possibly transported.

I strongly believe the ZBA should request National Grid provide comments regarding the building proximity to the transmission lines, the extent of tree removal into the ROW, and the required distribution upgrades needed from S. Main St to Rice Rd.

Please refer to the attached markup of the developers site plan for more details.

Additionally, I've observed that some neighbors are concerned with long-term exposure to the Electromagnetic Field (EMF) produced by transmission lines, specifically for those who would be living in the units closest to the transmission lines. One way to significantly reduce or block any effects would be to relocate buildings further away from the transmission lines and to maintain the already existing dense tree line between the building and the transmission lines.

Thank you again for your time and consideration,

Patric Yaghoobian
10 Rice Rd
Millbury, MA