

13 October 2014

Town of Belmont
Community Development

via email: ayogurtian@belmont-ma.gov
gclancy@belmont-ma.gov

Homer Municipal Building, 2nd Floor
19 Moore St.
Belmont, MA 02478

Subject: Cushing Village Development
Review Applicant's New Sound Measurements
Review Applicant's New Sound Report
Review Applicant's Responses to Comments
Review Applicant's Noise Modeling
Acentech Project No. 634848

References: 1. Cushing Village Special Permit
Conditions Relating to Noise, dated 27 July 2013

Attention: Ara Yogurtian and Glenn Clancy

We have reviewed the updated and recently received new sound measurements, project sound report, responses to comments, and noise model submitted by Cavanaugh Tocci Associates for the Applicant. We find these to now be acceptable based on our current understanding of the Cushing Village Development proposed by the Applicant Smith Legacy Partners Series and conditions relating to noise dated 27 July 2013 by the Town of Belmont.

They provided the following updated information that has helped in our review:

Mufflers for garage exhaust fans are to be included.

Measured current sound levels and calculated Development sound levels and have been reported separately.

A period of untypical background sound levels measured at Location 3 (125 Trapelo Road) has been removed from the data before calculating the Project sound limits.

Drawings have been provided showing the alignment of rooftop barrier walls.

Noise attenuations calculated for the rooftop barrier walls have been provided.

They have clarified the locations of garage exhaust fans.

Their Cadna computer modeling files have been provided for our review.

They have confirmed that future commercial tenants would be required to control the noise from their equipment to maintain Cushing Village sound to within RoD limits.

It appears that there might be an outstanding question about the intents and interpretations of the Conditions relating to noise. The developer and CTA interpret the Conditions as limiting future sound from Cushing Village to not increase by more than 5 dBA the average of the background L90 sound levels that have been measured during a) daytime periods 7:00 AM to 11:00 PM and b) during nighttime periods 11:00 PM to 7:00 AM. In addition, they interpret the Conditions as not including specific limits associated with C-weighted sound levels from the Project.

An email message from Jeffrey Wheeler indicates that the Town intended that the Cushing Village development should not increase the A and C weighted levels beyond those that currently exist. This intent would result in limits that are 5 dB lower than the interpretations by the Developer.

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Please let me know if you have any questions regarding this letter report, need additional information at this time, or want to schedule a meeting.

Sincerely yours,



Eric W. Wood
Acentech