

## Hummel, Robert

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**From:** Tobio, Andrew  
**Sent:** Tuesday, September 14, 2021 1:38 PM  
**To:** 'Jack Dawley'  
**Cc:** Hummel, Robert; Alan Aukeman (AAukeman@ryan-assoc.com); Curtis Quitzau (cquitza@vhb.com); ebradford@architecturalteam.com  
**Subject:** RE: [EXTERNAL]McLean Zone 3

Hello all,

It looks like we are in great shape. I know that you had reached out for apparatus specifications and someone on site got in contact with the assistant chief who provided someone on site with the information needed for Ladder 1 and Ladder 2.

Ideally we would hope to also be using the National Fire Protection Association (NFPA) minimum approach angle of 8 degrees and departure angle of 8 degrees. We cannot speak for future apparatus, but the NFPA numbers help us to prepare for absolute minimums. Also, it seems like dealers and manufacturers are not willing to provide numbers anymore as weight on the truck and various vehicle damage could change the original design specifications is that makes sense. This is something we experienced recently on a similar project with more complex access.

Thank you,

CAPTAIN ANDREW TOBIO  
BELMONT FIRE DEPARTMENT  
CAR 4 - FIRE PREVENTION BUREAU

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**From:** Jack Dawley [mailto:jdawley@northlandresidential.com]  
**Sent:** Tuesday, August 31, 2021 3:03 PM  
**To:** Tobio, Andrew <atobio@belmont-ma.gov>  
**Cc:** Hummel, Robert <rhummel@belmont-ma.gov>; Alan Aukeman (AAukeman@ryan-assoc.com) <AAukeman@ryan-assoc.com>; Curtis Quitzau (cquitza@vhb.com) <cquitza@vhb.com>; ebradford@architecturalteam.com  
**Subject:** [EXTERNAL]McLean Zone 3

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Captain Tobio,

Thank you for your project review letter of July 21<sup>st</sup>.

The following is a response or clarification to points made in your correspondence in the order experienced by the reader.

- Accessibility confirmation of 'other Belmont fire (sic) apparatus – can you be more specific as to what vehicles, beyond the Ladder 1 & 2 pieces, which were provided that you would like us to model.
- We will agree to prohibit parking within the travel lanes of Olmsted Drive.
- Fire Lane @ outside perimeter of project – width is 20'
- The internal roads of Subdistrict A – the Townhouse subdistrict are laid out as 20' ways.
- Confirming that the underground parking area *is only* beneath the multi-family buildings.
- Emergency Access to/from the Hospital Site/Zone will need to be worked out/coordinated with the Hospital – *Outstanding*
- There is an existing 12" water main within Olmsted Drive with spaced out hydrants.
- Permanent fire hydrants are laid out to be no less than 50' from the multi-family building.
- All new buildings AND the Chapel Building will be equipped with a fire sprinkler. The multi-family buildings will also be equipped with a Fire Alarm system AND a public safety radio system.
- Buildings 10 -14 and the multi-family building will utilize cementation siding (non-combustible) materials.
- The landscape drawing package for the project is attached hereto.
- PV system disconnects – require coordination – *Outstanding*
- Olmsted Drive/Pleasant Street – Traffic Signal – if required will be equipped with a OEVP system.
- Blasting – as blasting activity is anticipated during the build out of the site, a Blasting Plan will be prepared for department review in advance.

Should you wish to discussion any of the above please give me a call.

Jack

John C. Dawley  
President & CEO  
Northland Residential Corporation

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