

September 30, 2020

Mary Savage-Dunham  
Planning Board  
Town of Hingham  
210 Central Street  
Hingham, MA 02043-0239

Re: 100 Industrial Park Road, Hingham

Dear Ms. Savage-Dunham:

We are in receipt of the Fire Marshal's letter dated September 11, 2020, containing comments regarding the above noted project. Our responses are indicated below in ***bold italic*** text and are as follows:

1. Commercial property requires a hydrant within 500 feet of the structure measured over approved driving surface not as the crow flies.

***Response: The distance to the fire hydrant to the building is 325 feet as indicated on Sheet TT-1.***

2. Commercial Properties require the following prior to receiving occupancy sign off from Fire Dept.

3. Knox Box key box(s) at a location(s) on the building approved by the Fire Dept.

***Response: Noted Contractor shall field coordinate Knox Box where deemed necessary by the local AHJ during construction.***

4. Knox Power Shunt switch location to be coordinated with Fire Dept. and Electrical Inspector.

***Response: Noted, Contractor shall field coordinate all Knox box equipment including a shunt switch where deemed necessary by the local AHJ during construction.***

5. Knox Locking cover(s) for the 4 inch Storz sprinkler connection(s).

***Response: Noted***

6. Red Beacon over the Knox Box(s).

***Response: Noted, Contractor shall field coordinate all Knox box equipment including an overhead red beacon where deemed necessary by the local AHJ during construction.***

7. Information on the Knox products is available at [knoxbox.com](http://knoxbox.com) search for Hingham.

***Response: Noted***

8. Radio test required once all interior finishes are complete showing approved radio strength throughout the building. If approved levels cannot be met a Bi-Directional Amplifier must be installed and operational prior to occupancy being signed. Copy of regulations available from the Fire Prevention Office. Bi-Directional Amplifier shall be UL 2524 listed.

***Response: Noted, Contractor shall provide per IBC a BDA (BGI Directional Amplifier) Radio system where deemed necessary by the local AHJ during construction. System not shown on plans.***

9. For new roadways for any roadway requested to not be built to the current standard an engineer's report must be provided showing the roadway can support 85,000 lbs. the weight of our largest apparatus.

***Response: Noted and will provide as condition of approval.***

10. Any roadway or driveway in excess of 150 feet is required to provide a turn around that will allow a 10 wheel platform aerial device to turn around.

***Response: Noted and please refer to drawing TT-1 for the fire truck movements based off of Town of Hingham template.***

11. Access driveways and roadways must be able to accommodate A 10 wheel tower fire apparatus. Turning templates are available on the Planning Board site through the town website.

***Response: Noted and please refer to drawing TT-1 for the fire truck movements based off of Town of Hingham template.***

12. Grades may not exceed 10 degrees.

***Response: No proposed grades exceed 10 degrees on the site with the internal access.***

We trust this addresses the concerns. If you require additional information, please feel free to contact me at 203-608-2438.

Sincerely,

A handwritten signature in blue ink, appearing to read 'KH', written over a faint, light blue grid background.

Kevin Hixson  
Senior Project Manager