



NORFOLK FIRE DEPARTMENT

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M E M O

TO: Mrs. Amy Brady, Administrative Assistant
FROM: Cole Bushnell, Chief **DATE:** September 26, 2018
SUBJ: 194 MAIN STREET, THE RESIDENCES AT NORFOLK STATION

Thank you for providing the information, which outlined the proposed construction for 194 Main STREET, THE RESIDENCES AT NORFOLK STATION, BELLA PLAZA, LLC (owner) NORFOLK STATION LLC, as the applicant. The following comments represent input from the Department relative to this proposed construction and would like to generate these comments for consideration regarding life and property safety:

- a. **LOT LAYOUT PLAN, SHEET ID L1 – 527 CMR: BOARD OF FIRE PREVENTION REGULATIONS, 1.00 MASSACHUSETTS COMPREHENSIVE FIRE SAFETY CODE National Fire Protection Association (NFPA), Standard 1, Fire Code – 2015 edition, Chapter 18, Fire Department Access and Water Supply** – Applicant SHALL in accordance with the regulations submit to the Fire Department a completed and sealed Checklist for compliance with the provisions of Chapter 18. Checklist available through the Fire Department. This sealed submission will answer any questions regarding fire apparatus turning radius to enter and operate on the site. Please note the building will be protected throughout by a fire sprinkler system and therefore 360° access will not be required.
- b. **LAYOUT PLAN, SHEET ID L1 – “EMERGENCY VEHICLE PARKING”** space noted and provided as requested by the Fire Department. Such parking will be required to be pavement painted with yellow striping and posted with signage approved by the Fire Department. This parking space is to be utilized by Fire Department ambulance during response for medical emergencies. The location of the space provides access to the elevator core at the east side of the building’s interior
- c. **GRADING & UTILITIES PLAN, SHEET ID G-1** – Fire Department will require that the location of a fire hydrant on site along with the location of the Fire Department Connection (FDC) to the fire suppression system be approved by the Department. This Plan provides a location for the “PROPOSED WATER AND FIRE SERVICE LINES”. Given the configuration of the site, the Fire Department will request the FDC and fire hydrant be located remotely from the building. It is recommended by the Fire Department such location is suggested to be at the driveway to the Maintenance Building. This recommendation is *mission critical* to Fire Department operations, more will follow in this site plan review

THE RESIDENCES AT NORFOLK STATION
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- d. **DRAWING NUMBER A1, GARAGE FLOOR PLAN** – The plans contain an underground parking facility for 60 vehicles. The Fire Department again will note a *mission critical* need, this for the installation of standpipes within each of the four stairways, standpipe connection for Fire Department operations located inside the garage. This *mission critical* request will allow for the Fire Department to suppress a fire condition within the garage without attempting a fire engine access this portion of the building. Such a fire suppression operation is consistent with industry and NFPA Standards.
- e. **DRAWING NUMBER A2 to A5, FIRST FLOOR TO ROOF** – Again the Fire Department requests the installation of standpipes within stair tower. This will allow the Fire Department, which operates with minimal staffing, to utilize the standpipe of “high rise hose packs” in the event of a fire. *Mission Critical*.
- f. **GENERAL NOTES, COMMENTS & QUESTIONS**
 - 1. **The Fire Department requests the fire alarm system for the building to be designed with the Department as a participating entity so that final plans will contain key elements needed for organized response and building evacuation**
 - 2. **The Fire Department requests to be a participant in the design of the automatic sprinkler system and standpipe prior to plan submission**
 - 3. **No plans were provided regarding HVAC energy sourcing. It is presumed LPG will be the source given the natural gas pipeline terminates on the east side of the MBTA overpass. Specifics of the container(s) size and location are required to be provided prior the Fire Department being able to issue a Permit**
 - 4. **Elevator size is requested to be configured to permit Fire Department stretcher placement without folding stretcher. This is MISSION CRITICAL for administering patient care**
- g. **SPECIAL NOTE** – It is the anticipation of the Fire Department that should fire suppression operations be required to extinguish a fire within the building, using minimal staffing, the importance of the remote FDC for the sprinkler/standpipe will offer the best means for the Department to immediately “go into service” conducting a primary search of the apartment with a charge hoseline.
- h. **The Fire Department reserves the right to revisit the site plan review based upon additional input not definitively stated through this document**
- i. Should blasting be required for this area, the developer/contractor will be required to file all required Permitting with the Fire Department. Also prior to blasting, the developer/contractor shall provide sufficient notification for scheduling on-site coverage to monitor the blasting. All costs associated with the coverage provided by the Fire Department shall be the responsibility of the developer/contractor. Checks for blasting details shall be issued at the end of the day’s blasting.

Should the developer/contractor have any questions regarding the input from the Fire Department or if you should need clarification of these comments, please do not hesitate contacting the Office at your convenience.

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