



# TOWN OF MILFORD

## FIRE DEPARTMENT

39 SCHOOL STREET

MILFORD, NEW HAMPSHIRE 03055



### Bureau of Fire Prevention & Investigation

Deputy Chief Riley J. Stanchina

(603) 249-0680

### FIRE PREVENTION PLAN REVIEW RESPONSE

**Date:** December 15, 2023

**Tax Map & Lot #:** Map 25, Lot 95

**Street Address:** 30 Mill St.

**Project Name:** Multi-Family Housing Development

**Review Type:** Preliminary Conceptual Review

**Status:** Reviewed, comments provided

#### **Comments:**

The Milford Fire Department has reviewed the provided documents for the planning board major site plan review. The following comments DO NOT constitute plans review for the issuance of a building permit and the limited information provided is not sufficient for a full fire and life safety code review of the proposed project. Upon application for a building permit, a full set of detailed, stamped plans must be submitted to the Fire Department for plans review. Any code requirements mentioned are subject to change upon receipt of new information related to the project.

1. The address of the existing single-family dwelling to be demolished is 30 Mill Street. The new building constructed in its place will be assigned the same address.
2. The occupancy classification for the building will be R-2 under the building code, and Apartment Building under the Fire and Life Safety codes. NOTE: All new-construction of this occupancy type are required to be sprinkled, so all code requirements will be based on that assumption.
3. For purposes of water supply calculations and building height/area considerations the construction of the building will be assumed as type V (000) [NFPA] and type VB [IBC] until shown otherwise by the architect.
  - a. The proposed square footage of the building is approximately 42,321 sq. ft. occupying three stories, 14,107 sq. ft. per floor.
  - b. The maximum allowable height above grade plane for this worst-case construction type is 60 feet for sprinkled buildings.

- c. The maximum allowable building area shall be proven by a registered design professional.
- d. A minimum of 1 fire hydrant shall be provided within 100 feet of the Fire Department Connection for the fire sprinkler and standpipe system. This hydrant shall be capable of providing a minimum flow that is compliant with item e.
- e. Based on the construction type and fire sprinkler assumptions, the required fire flow for the building is 1,375 gallons per minute for 4 hours.
- f. The site plan and building location appear to comply with the fire department access distance requirements.
- g. The site plan and building location appears to comply with the minimum required width for fire department access roads. The engineer shall provide a fire truck turning plan demonstrating that the fire department ladder truck can successfully navigate through the site. Specifications are available on the Fire Department website.
- h. An automatic sprinkler system designed in accordance with NFPA 13 or NFPA 13R is required.
- i. A Class 1 standpipe system designed and installed in accordance with NFPA 14 shall be installed.
- j. An automatic fire alarm system designed and installed in accordance with the requirements of NFPA 101 and NFPA 72 is required.
  - i. The reporting means for fire alarm signals shall be by direct connection to the Milford Fire Department using the Milford fire alarm system. Connection to the system can be achieved by extending the existing circuit from either Cottage Street or West Street to the building location.

This concludes the review comments, please do not hesitate to contact the fire prevention office with any questions.

Sincerely,



Riley J. Stanchina, CFEI  
Deputy Chief  
Milford Fire Department  
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