



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: November 2, 2023

Tax Map & Lot #: Map 32, Lot 23

Street Address: 473 Nashua Street.

Project Name: Ciardelli Office Building #20231309

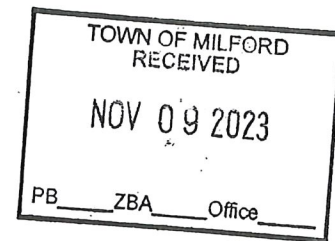
Review Type: Preliminary Conceptual Review

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 473 Nashua Street. The new building constructed in its place will be assigned the same address.
2. 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 3,300 sq. ft. occupying two stories, 1,650 sq. ft. per floor.
 - b. The maximum allowable height above grade plane is 40 feet for unsprinkled buildings, and 60 feet for sprinkled buildings.
 - c. The maximum allowable building area shall be proven by a registered design professional.



- d. An existing municipal fire hydrant appears to be located less than 250 feet from the proposed building. This would need to be verified by showing actual measurement on plan drawings, but that proximity allows the use of up to 1,500gpm from the hydrant for purposes of determining water supply adequacy. The fire hydrant shall be flow tested to document the maximum gallons per minute available. Milford Fire Department and Milford Water Utilities do not perform flow testing for building projects, the applicant is responsible for this on their own.
- e. Based on the construction type assumptions, the required fire flow for the building is 1,500 gallons per minute for 2 hours.
 - i. This can be reduced to 1,000 gpm if an approved automatic sprinkler system is installed. – OR –
 - ii. This can be reduced to 600 gpm if an approved automatic sprinkler system which uses quick response sprinklers throughout is installed.
 - iii. This section does not mean that a sprinkler system is required.
- f. The site plan and building location appear to comply with the fire department access distance requirements.
- g. Based on the limited information available for this review, an automatic sprinkler system is likely not required.
- h. Based on the limited information available for this review, a fire alarm system is likely not required.

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

Sincerely,



Riley J. Stanchina, CFEI
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Milford Fire Department
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