



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: January 29, 2024

Parcel #: 013-006-000-000

Street Address: 117 Old Wilton Rd.

Project Name: New Industrial Building

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 building to be demolished is 117 Old Wilton Rd. The merging of lots 13-7 and 13-6, along with the primary entrance of the building facing the two buildings already constructed on 13-6 poses a potential problem for addressing the new building. The addressing standards recommended by NH 911 state that where 3 or more buildings are accessed by a single driveway, that driveway should then become a named road, and the buildings be addressed off of that new road. This means that the driveway that is used to access the VCO building, currently 594 Elm St. and the DCO building, currently 586 Elm St., and connects to Hitchiner Way between VCO and the existing 117 Old Wilton Rd. building would become a private road, and all three of these buildings would be addressed from that new road. There will be further discussion on this between the fire department and the building owner to reach a decision on this before construction.
2. The occupancy classification for the building will be Factory/Industrial under the building code, and Industrial Occupancy under the Fire and Life Safety codes. NOTE: There are occupancy sub-classifications in the Life Safety Code that are to be determined based on construction details.

3. For purposes of code requirements, to include water supply calculations and building height/area considerations, the construction of the building will be type II (000) [NFPA] and type IIB [IBC] as stated by the architect.
 - a. The building owner and architect have stated that the building will be provided with an automatic fire sprinkler system and automatic fire alarm system. Further code determinations are based on this.
 - b. The proposed square footage of the building is approximately 57,000 sq. ft. occupying two stories.
 - c. The maximum allowable height above grade plane for this construction type is 75 feet for sprinkled buildings. The design of the building is below the maximum number of stories for these occupancy and construction types.
 - d. The maximum allowable building area shall be proven by a registered design professional.
 - e. Based on the construction type and fire sprinkler assumptions, the required fire flow for the building is 1,250 gallons per minute for 4 hours.
 - f. There are existing fire hydrants within compliant distance of the proposed building. A flow test shall be conducted to prove that at least one of the existing hydrants within 250 feet of the building is capable of providing the required flow rate in "e."
 - g. The site plan and building location appear to comply with the fire department access distance requirements.
 - h. The site plan and building location appears to comply with the minimum required width for fire department access roads.
 - i. The reporting means for fire alarm signals shall be by direct connection to the Milford Fire Department using the Milford fire alarm telegraph system. A mechanical fire alarm box, or electronic fire alarm box are permissible connection options.

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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