



# MILFORD FIRE DEPARTMENT

21 BIRCH STREET  
MILFORD, MASSACHUSETTS 01757

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Town of Milford  
Zoning Board of Appeals  
52 Main Street  
Milford, Massachusetts 01757

June 12, 2020

Subject: Residences at Stone Ridge Phase II

Dear Zoning Board of Appeals:

The information submitted for the Residences at Stone Ridge Phase II was reviewed and I have concerns regarding ladder truck access and reach. Water supply was identified in the submittal and needs to be evaluated. Hydrant locations and the addition of fire lane signs will require attention.

The Milford Fire Department ladder truck specifications are included to assist with designing or modifying Phase II. The truck is 40.5 tons, 41 feet 10 inches in length, 100 inches in width, 11 feet 8 inches in height, and has a wheelbase of 236 inches. The aerial height and reach chart is included as the last page of this letter. The buildings will have all the necessary fire protection features required by applicable codes, but the truck may not be able to reach all residential units above the first floor. Roof access also needs to be confirmed. In addition, please verify the truck can make turns into the drive lanes of the parking lots closest to the buildings approaching from both directions.

The submittal identified the need of a water supply assessment to determine the requirement of stationary fire pumps. I will work with the Milford Water Company and the Town of Milford engineering consultant to determine if pumps will be needed.

According to the description, hydrant locations are at 500 foot intervals and appear adequate for this plan. The hydrant in front of Building 3 needs to be located closer to the drive lane. It is shown midway between the building and drive lane. Hydrant locations are stated to be within 100 feet of fire department sprinkler and standpipe connections, which is acceptable.

Fire department access roads shall have an unobstructed width of not less than 20 feet. Appropriate signs "No Parking Fire Lane—Tow Zone" should be added to deter parking

along the main drive lanes. The "emergency access drive" behind Building 1 needs to be designed for ladder truck access and a minimum of 20 feet wide.

Please contact me if I can assist with any questions or if further clarification is needed.

Sincerely,

A handwritten signature in black ink, appearing to read "Mark A. Nelson", with a long horizontal flourish extending to the right.

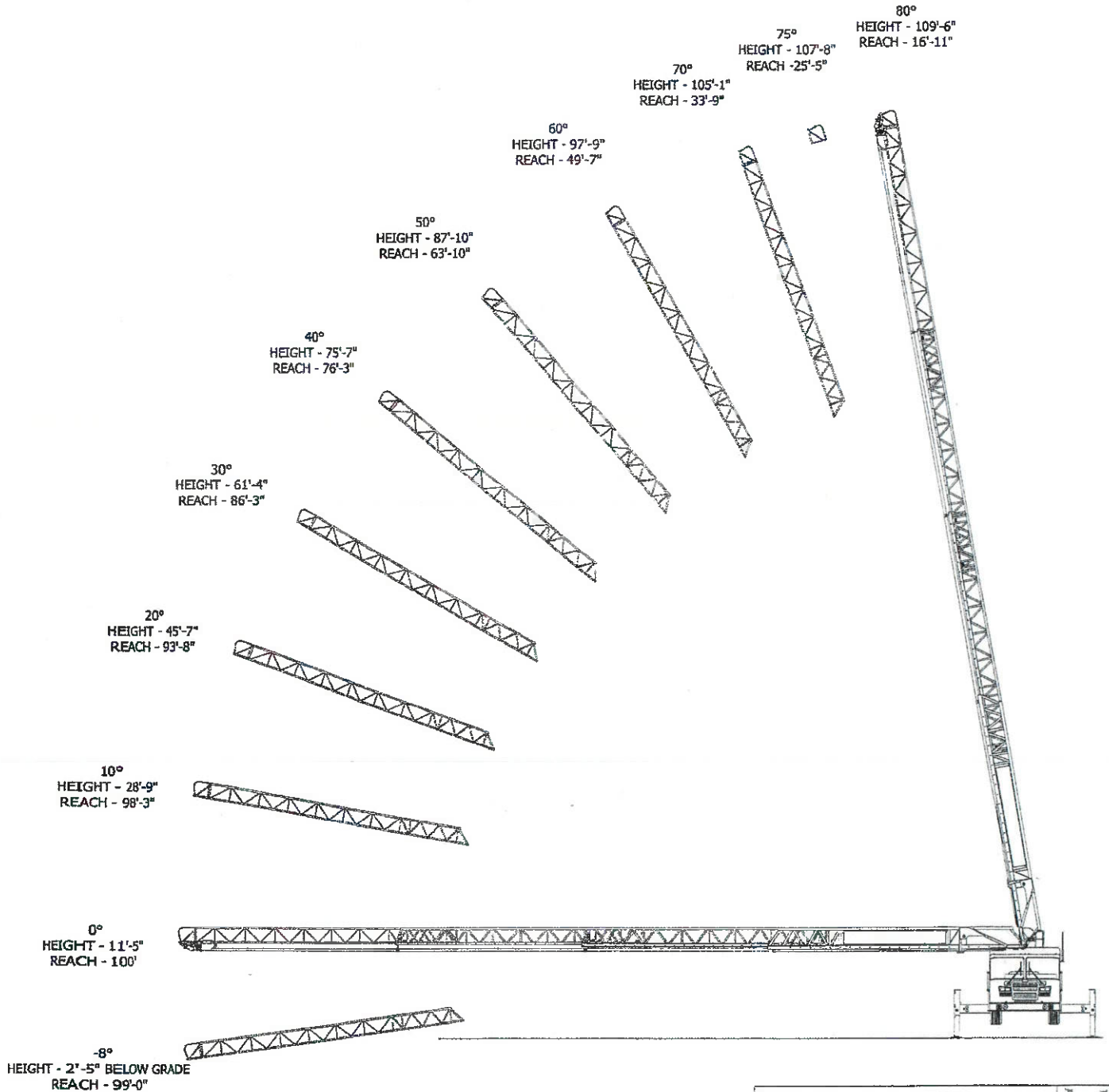
Mark A. Nelson

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# 109' REARMOUNT LADDER



## KME FIRE APPARATUS

ONE INDUSTRIAL COMPLEX  
NESQUEHONG, PA 16240

DATE	SCALE	DRAWN BY:
13SEP11	NONE	JJB
APPROVED BY:		PPH

HEIGHT AND REACH CHART

109' AERIALCAT REARMOUNT LADDER

This drawing is the property of KME. Do not copy or use for any purpose other than that for which specifically furnished.

DO NOT CHANGE MANUALLY