



# CITY OF CANANDAIGUA FIRE DEPARTMENT

**Fire Chief Frank Magnera**  
335 South Main Street  
Canandaigua, NY 14424-2118  
Phone (585) 396-5052 Fax (585) 394-2706



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## Plan Review Comments

Application: **3315 Fallbrook Park, Canandaigua, NY 14424**

**April 13, 2020**

To whom this may concern:

The Fire Department has reviewed the proposed Site Plan regarding 3315 Fallbrook Park, Canandaigua, NY 14424. Please find the plan review comments below.

Provisions that regulate the construction of exterior walls in proximity to lot lines have long been recognized as effective in preventing the spread of fire from a building on one property to a building on another property. As such, to limit the potential horizontal radiant heat and fire travel to adjacent exposures, please provide the following.

1. Please provide an **automatic sprinkler system** installed in accordance with Section P2904 RCNYS and NFPA 13D throughout as well as comply with Table R302.1(2) RCNYS.

**Or**

In addition to other pertinent Code requirements, please ensure compliance with the following:

### **2. R302.1 Exterior Walls**

Construction, projections, openings and penetrations of exterior walls of dwellings and accessory buildings shall comply with Table R302.1(1); or dwellings equipped throughout with an automatic sprinkler system installed in accordance with Section P2904 RCNYS shall comply with Table R302.1(2) RCNYS.

### **R302.4 Dwelling Unit Rated Penetrations**

Penetrations of wall or floor-ceiling assemblies required to be fire-resistance rated in accordance with Section R302.2 or R302.3 shall be protected in accordance with this section.

**Moreover**, there are some tactical concerns if the need arises for water supply, exterior hose line operations and ladder rescue operations; the side setback distance of <8ft. from the fence line may hinder these operations.

The maneuverability of deploying supply hoses and fire attack hose lines along the exterior side would possibly be constricted. As well, the use of ground extension ladders in this area would be limited. The proper angle for setting up an extension ground ladder is to place its base a quarter of the working length of the extension ladder from the wall or other vertical surface; should the need arise, this action is vital for rescue activities from the second-floor windows.



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Lastly, there is a potential issue with Fire Flow and available Water Supply. Essentially, this is how much water will be needed for effective fire control. This information will impact on the incident in terms of determining needed resources and the implementation of tactical operations. If the setback distance is minimal, the potential for multiple dwellings becoming involved with fire will have an impact on the available water supply. This has the potential to substantially increase the amount of time to get the proper water supply resources in place to combat the fire thereby causing more fire loss.

Please work with the FD and Town of Canandaigua for a suitable solution.

If you have any questions feel free to contact me. Thank you.

Respectfully,

*Frank A. Magnera*

Frank Magnera, MS, CFPS  
Fire Chief & Fire Marshal