

RENNIA ENGINEERING DESIGN, PLLC

CIVIL ▪ ENVIRONMENTAL ▪ STRUCTURAL

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March 4, 2020

Town of Amenia Planning Board
Amenia Town Hall
4988 Route 22
Amenia, NY 12501

Attn: Robert Boyles, Jr., Chairperson

**Re: Amenia Library Expansion
Sprinkler Requirement Summary
Town of Amenia
Parcel ID: 132000-7167-13-174496**

Dear Mr. Boyles and Planning Board Members,

The following letter has been prepared in response to Mr. Boyles question if an Automatic Sprinkler System is required for this proposed project. Per section 903.2.1.3 of the New York State Building Code, fire areas with a Group A-3 (Library) Assembly Occupancy requires an Automatic sprinkler system if they exceed one of the following threshold limits:

- Fire Areas exceeding 12,000 Square Feet
- Fire Areas with an Occupant Loads of 300 or more.
- Fire Areas on floors above the level of exit discharge (above One Story in height).

Please note the following information for the proposed Library building expansion project:

- The entire expanded building will be one fire area (no fire barriers proposed).
- Total Proposed Gross Building (Fire) Area: 3,284 Square Feet.
- Total Proposed Building Design Occupant Load: 77 Occupants.
- Building is proposed to be One Story in height (All exits exit at grade).

Based on the above and in accordance with the New York State Building Code section 903.2 an Automatic Sprinkler System is not required for this project and its intended use.

Please contact me with any questions at (845) 877-0555.

Sincerely,



Richard Renna, Jr., P.E.
Principal

CC: Michael Segelken, Town of Amenia CEO