



**ANNAPOLIS FIRE DEPARTMENT
FIRE MARSHAL'S OFFICE**



*145 Gorman Street, 3rd Floor
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PLAN REVIEW COMMENTS

DATE: 27 April 2021
TO: Absolute Fire Protection
PERMIT #: FIRE 21-0082
ATTN: NFPA 13 Submittal
FROM: Capt. Zapata
RE: 182 Duke of Gloucester St.

Approved

Disapproved

Revisions Required

Approved with comments

COMMENTS:

1. The plans were reviewed under NFPA 13 (2016 edition).
2. Please modify the design to incorporate a 3,000 sf remote area on the 1st floor and Basement (adjacent spaces) in accordance with NFPA 13 (2016) 11.2.3.1.5.2. Note: Although section 8.15.6.2 allows the omission of sprinklers in the non-accessible combustible crawl space, section 11.2.3.1.5.2 then requires a 3,000 sf remote area in adjacent spaces.
3. The Basement ordinary hazard spacing of 130 sf has not been hydraulically proven. Please provide additional justification for the sprinkler 130 sf design in the Basement.



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4. The City of Annapolis FMO allows a one zone design for similar situations as this tenant on a case by case basis and applies NFPA 13 section 8.2.4.1 and A.8.2.4.1. However, the City of Annapolis FMO requires a means to isolate a floor in the event that level is modified in the future. A system drain down and cap of the floor is acceptable in this situation for future maintenance. The final installation needs to be verified this concept is maintained.
5. The back to back attic sprinkler head should be noted as a TY2181 since the slope of the roof does not exceed 10:12. (The TY 2182 is shown.) Please modify.
6. Per the product literature the Back to Back attic sprinkler heads may require baffles to prevent cold solder of the AP attic heads. Please field coordinate.
7. The 16'x16' extended coverage sidewall sprinkler head shown on the floor plan does not match the sprinkler head legend. (ie., the legend symbol needs to be a solid filled in triangle for the extended coverage sidewall.) Please modify.
8. If the fire places are working. Field coordinate the proper temperature selection for sprinklers in their vicinity.
9. Please make a note indicating the attic sprinkler head detail shown on sheet 2 of 2 is "generic" and is not specific to this project.
10. Coordinate NFPA 13 inspections with the FMO prior to close-in and final inspections.

If you have any questions, please contact Capt. Zapata at 410-260-2202.