



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



*145 Gorman Street, 3rd Floor
ANNAPOLIS, MARYLAND 21401
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PLAN REVIEW COMMENTS

DATE: 12 August 2021
TO: Anderson Fire Protection
PERMIT #: FIRE 21-0180
ATTN: NFPA 13R Submittal
FROM: Capt. Zapata
RE: 910 Newtowne Drive

Approved

Disapproved

Revisions Required

Approved with comments

COMMENTS:

1. The plans were reviewed under NFPA 13R, 2016 edition.
2. The FMO will require the Storz connection to be located on the front of the building. Please coordinate the installation of the Storz with the FMO inspector prior to installation.
3. The hydraulic summaries are not adjacent to the remote area. Please note for as-built conditions.
4. Field verify valve tamper switches are provided for connection to the FACP.



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5. The drawings appear to intend intermediate temperature sprinkler heads to be installed in the Laundry and Mechanical Closets. However, they are standard temperature in the head legend. The City of Annapolis FMO recommends providing intermediate temperature sprinklers in these areas.
6. The Storz connection submitted is not UL Listed for the 30 degree model. Please provide a UL Listed model and provide product literature for FMO inspector review prior to inspections.
7. The sidewall sprinkler head submittal and hydraulic calculations are k-4.2; however, k-4.4 is on the legend. Ensure the k-4.2 Reliable RA 4835 models are installed.

Inspector Notes:

- Riser and supply lines are not typical throughout. Field changes will most likely require a resubmittal (noting the changes) prior to scheduling the final inspection.
- The Residential Sidewall Sprinkler Spacing = 16'x16'
- The Residential Sidewall Sprinkler Spacing = 18'x18'

Standard Comments:

1. Please note per the City of Annapolis Code of Ordinances Title 17 Chapter 17.20 (Fire Prevention Code) section 17.20.030 sections B, C & D: A bucket test will be required at the final acceptance, an exterior audible device shall be located above the fire department connection, and the water flow and valve tamper shall be monitored by an approved listed remote monitoring company.
2. Please provide fire stopping for the fire rated separation penetrations.
3. The piping shall be adequately insulated in the attics and areas subject to freezing. This has not been evaluated by the fire plans review.
4. Final sprinkler head placement and temperature selection shall comply with NFPA 13R for compliance with heat source proximity.
5. All unprotected spaces shall comply with NFPA 13R for omission of sprinkler heads. (Items included but are not limited to: no storage in attic spaces or no fuel fired mechanical units in unprotected spaces.)
6. Exposed sprinkler pipe should be steel or installed per the CPVC listing requirements for exposed piping.
7. The sprinkler contractor shall verify all products in contact with the CPVC piping are compatible with the piping and will not cause premature decomposition of the piping. (Items including but not limited to: oil based paints or caulking.)

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