



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



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

DATE: 6 November 2018
TO: Annapolis Plumbing, Inc.
PERMIT #: FIRE 18-0176
ATTN: NFPA 13D Submittal
FROM: Capt. Muhitch
RE: 604 Monterey Ave.

Approved

Disapproved

Revisions Required

Approved with comments

COMMENTS:

1. The plans were reviewed under NFPA 13D, 2013 edition.
2. The underground pipe diameters and lengths do not match both details on the drawing or the hydraulic calculations. Please verify prior to installation (and modify as necessary) prior to installation. If modifications are needed then additional submittals will need to be provided to the City of Annapolis FMO.
3. Field coordinate the need for additional sprinklers below the basement stairs.



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Standard Comments:

4. A "Bucket Test" to verify the sprinkler system capacity will be required at the FMO's final inspection in accordance with the City of Annapolis requirements and NFPA 13D (2013) Chapter 11.
5. The piping shall be adequately insulated in the attic areas and unheated areas. This has not been evaluated by the fire plans review.
6. Final sprinkler head placement and temperature selection shall comply with Table 7.5.6.3 for compliance with heat source proximity.
7. Provide warning signage as per the code, near the control valve in accordance section 6.3.4.
8. All unprotected spaces shall comply with section 8.3.5 for omission of sprinkler heads.
9. Exposed sprinkler pipe should be steel or installed per the CPVC listing requirements for exposed piping.
10. 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. Muhitch at 410-260-2202.