




OCEAN CITY FIRE MARSHAL'S OFFICE
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MEMORANDUM

Subject: Underground Water Supplies for Sprinkler Systems	Memo #: 2020-006
	Effective: December 28, 2020
Authority: Deputy Chief Josh Bunting, Fire Marshal 	Internal (FMO Staff)

This memorandum serves to clarify the basic installation requirements and inspection responsibilities for underground water supplies for sprinkler systems:

NFPA 13D

- No permit or inspection required from the Office of the Fire Marshal
- Any type of piping acceptable to the Town of Ocean City (TOC) plumbing inspector shall be acceptable for underground piping. (13D, 2016ed. 5.3)
- Plumbing Inspector shall be notified and verify the type of pipe, dimension of pipe, water meter size, and type of backflow preventer noted in the approved sprinkler drawings has been installed.
- TOC Plumbing Inspector will conduct pressure tests required by plumbing code, and ensure a full diameter flush of the piping is conducted prior to connection to the sprinkler system.

NFPA 13R

- Permit review required by the Office of the Fire Marshal.
- Any type of piping acceptable to the TOC plumbing inspector shall be acceptable for underground piping less than 4" in diameter. Water supplies 4" and larger shall be installed in accordance with NFPA 24. (13R, 2016ed. 5.3)
- Water supply less than 4" diameter shall be hydrostatically tested at 50psi over system pressure (100psi) for 2 hours. Water supplies 4" and larger shall be hydrostatically tested at 200psi for 2 hours in accordance with NFPA 24.
- Hydrostatic test and full diameter flush of the underground piping (until the water from the piping is clear) shall be witnessed by FMO staff.

NFPA 13

- Permit review required by the Office of the Fire Marshal.
- Piping shall be in accordance with NFPA 13 & NFPA 24, or be listed for fire protection underground use.
- Water supply shall be hydrostatically tested at 200psi for 2 hours.
- Hydrostatic test and full diameter flush of the underground piping (until the water from the piping is clear) shall be witnessed by FMO staff.