Executive Summary

The Cohasset Town Hall contains an original structure that was built in 1857 and re-configured in 1928. An addition was constructed in 1987. Only the 1987 addition is protected with an automatic sprinkler system. In general, the system is in good working order.

Existing Conditions:

There is a 4-inch fire service that enters the Basement. The service is protected with a 4-inch double check valve assembly.

The system includes a 4-inch dry alarm valve. The sprinkler system for the 1987 building addition is a single zone. System air compressor appears to be in good condition.

Fire department connection is a 2-1/2 x 2-1/2 x 4-inch Siamese connection. There does not appear to be an electric bell on the exterior of the building.

Sprinkler piping is black steel with coupling joints on larger pipe size and threaded joints on smaller size branch piping. The piping appears to be in good condition.

In general sprinkler heads are chrome plated, pendent type in ceiling areas and upright brass heads in non-ceiling areas. Sprinklers are standard response. In Basement meeting room sprinklers appear to have been replaced with quick response heads as part of the space renovation.
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Recommendations

- Owner to continue to inspect/maintain system per NFPA 25 requirements.
- Expand sprinkler system to protect existing building.
- Perform hydrant flow test to confirm existing 4-inch fire service is adequate for system expansion.
- Provide electric bell on exterior of building.