

Davey Engineering & Construction Corp.

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FIELD REPORT

DATE OF INSPECTION: April 8, 2021

PROJECT NAME: MCLC Storage Facility

PROJECT ADDRESS: Carrol's Way
Vinyard Haven

SUBMITTED BY: Joe Davey

STATUS: Inspection & Meeting

ISSUES:

1.01	Project is near complete with only a few remaining sprinklers to be installed on the upper floor
1.02	A scheduled inspection with Vineyard Have Fire Department to witness the flushing of the fire service lines with verification of the fire flow to the building.
1.03	Existing piping was temporarily modified to allow full fire service flow out through a 5" pipe to a manifold with (2) 2 ½" hose outlets on the manifold. A length of fire hose, (2), wre stretched from the manifold to edge of the construction site. Flow metering device diffusers were fitted to the end of the hoses, (Hose Monster). Meters were set up with appropriate gauges. The outlets of the diffuser were wrapped to a burlap bag to capture any debris flushed from the piping.
1.04	During the initial moments of flushing procedure audible clanking could be heard emanating from the manifold piping. Several stones, 1 ½ - 2", were captured in the burlap bags along with several pounds of gravel and sand.

1.05	Flushing ran for 10 minutes and was flowing clearly at the end.
1.06	Measured flow with ample residual pressure met or exceeded the water pressure and flow requirement of the sprinkler system, namely 440 gpm @ 25 psi. Actual flow of 560 gpm was achieved during the test
1.07	Installation of the sprinkler system was near complete with the following exceptions; Temporary FDC piping modifications for flushing lines needs to be restored to its permanent piping. Sprinkler heads along eave storage units need to be installed. Sidewall style heads in lieu of pendant is acceptable.
1.08	Storage compartment partitioning was in the process of being installed and matches the plans; no issues.
1.09	Fire service was left in the off position subject to the completion of the fire alarm system.

Discussion

With the completion of the minor incomplete work and given the successful testing of the water flow and fire service, the building's fire protection system has been installed according to the plans and is ready for occupancy.

In attendance;

Joe Davey – Davey Engineering

Vineyard Haven Fire Dept

Ron Foster – Ronco

Mark Nicotera - Owner

The following meeting minutes represent the best understanding and recollection of the preparer. If there are any amendments or inconsistencies, please contact the undersigned immediately for correction and revision to this record.

Prepared by _____
EOR



Contents from emptying (1) burlap bag following the flushing.



Test manifold set up at the FDC location.

Diffuser and flow meter at the edge of the site