

SCHNEIDER, DAVIGNON & LEONE, INC.

PROFESSIONAL CIVIL ENGINEERS & LAND SURVEYORS

N. DOUGLAS SCHNEIDER, P.E., P.L.S.
MATTHEW C. LEONE, P.L.S.



DAVID M. DAVIGNON, P.E.
JAY MCKINNON, E.I.T.

September 10, 2019

Town of Fairhaven
Planning Board
40 Center Street
Fairhaven, MA 02719

Attn: Paul Foley, Town Planner

Re: Reply to Board of Public Works Comments

Proposed 16-Lot Definitive Subdivision Plan
Applicant/Developer: Robert Roderiques
Site Address: Hiller Avenue & Timothy Street
Assessors Lot #71 and #71A on Map #28C

Dear Mr. Foley,

Schneider, Davignon & Leone, Inc. acting as agent for Mr. Roderiques hereby submits the following responses to various comments provided by the BPW – Highway, Sewer and Water Divisions:

BPW – Highway – Comments dated 6-10-19:

1. Are any stop signs required?

Two stop signs have been provided at the intersection of Timothy Street and the beginning of Nolan's Way.

2. All drainage pipe located under paved areas are to be RCP, or Ductile Iron. (several pages missing type of drainage pipe)

Sheets no. 6 thru no. 11 all depict Class IV RCP and the specification of all pipes shall follow the "Storm Drain Trench X – Section" as depicted on sheet no. 10

3. Can the landscaped Island on the cul de sac be removed & paved instead? Difficult to plow snow.

The Applicant is not opposed to compliance with this request should the Planning Board determine that said change would be in the best interest of the Town.

BPW – Sewer – Comments dated 12-10-18:

1. Potential for very excessive infiltration and inflow.

All manhole structures and pipe installation including connections will be installed in accordance with the BPW Sewer Dept. requirements.

SCHNEIDER, DAVIGNON & LEONE, INC.

PROFESSIONAL CIVIL ENGINEERS & LAND SURVEYORS

2. Proximity to wastewater treatment plant will provide negative impact on neighborhood VIA odors at different times of the year due to construction, seasonal fluctuations, and proximity to sludge processing building and recycling center which also emits noxious odors at times.

The Applicant has no control over what odors emit from the sewer treatment plant and how they impact the neighborhood.

3. Need a dead-end manhole/cleanout at hammerhead off Timothy Street.

A manhole had been provided as required.

4. How does unit 13 get utilities?

Sewer and water services have been provided to all lots.

5. Main line must be 8", services will be 6"

All sewer main lines are now 8" in diameter.

6. Drainage system for roof leaders and sump pumps should be provided for each lot to prevent inflow issues.

Roof Runoff systems have been provided for all houses. Water table determinations will be made prior to preparation of the Site Plans for each lot to avoid the need for sump pumps.

7. Some services appear to be very flat, and at the same elevation as some of the drainage lines which will contribute to blockages, and conflicts between pipelines.

All pipes have adequate slopes and conflicts have been avoided.

BPW- Water – Comments dated 6-19-19:

1. Main Piping all class 52 Ductile Iron.

The water main specification has been updated throughout the plans.

2. Loop Timothy to Hiller instead of Dead Ends.

The Applicant respectfully declines to provide said loop because it is not a requirement by the Planning Board Subdivision Rules and Regulations or any BPW - Water Department Regulation. Per the Fairhaven BPW – Water Dept. the existing water mains in Hiller Ave and Timothy Street are 6" AC installed circa 1945 (date of subdivision plans). It is our opinion that to improve water pressure and quality the Town should upgrade all water mains in the abutting neighborhood with 8" Class 52 Ductile Iron including looping Timothy Street to Arsene Street.

SCHNEIDER, DAVIGNON & LEONE, INC.

PROFESSIONAL CIVIL ENGINEERS & LAND SURVEYORS

3. Need c/s location on drawings.

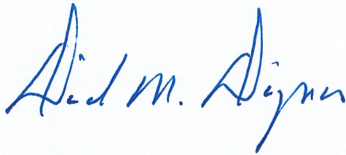
Water curb stops have been provided for all lots.

4. All existing main are 6" AC

The plans have been updated accordingly.

If you have any questions or require additional information, please call me at (508) 758-7866 (ext. 203).

Sincerely,
Schneider, Davignon, & Leone, Inc.



David M. Davignon, P.E.

cc: BPW – Attn: Vincent Furtado
File 3072
Robert Roderiques
Attorney J.P. Mathieu