

ALAN EWING ENGINEERING, INC.

4/6/2021

**Fairhaven Planning Board
Town Hall
40 Centre Street
Fairhaven, MA 02719**

Re: Steven M. & Sandra J. Hermenau
Frederick Avenue
Fairhaven, MA 02719
Plat #29-A, Lots #168-169
Form "C" Subdivision

Dear Board Members,

This office certifies that the proposed one lot subdivision referenced above meets the DEP Stormwater Management Regulations for the following reasons.

The runoff from the proposed road will be directed to a grassed drainage ditch left and right of the road. There will be three check dams placed in each ditch to slow the water flow and allow sediment to fall out and improve water quality. At the end of each ditch will be an area of trap rock which will help to disperse stormwater. These improvements are recommended by DEP for small residential projects as opposed to curbing and catch basins.

DEP always recommends reducing impervious areas and the Fairhaven conservation Commission requested that the road and proposed driveway not be paved. Therefore, the design submitted shows no pavement and a three inch pea stone surface on the road and driveway.

Per the DEP Stormwater Management handbook a single family house and up to a four lot subdivision is not subject to the stormwater standards.

In addition, according to DEP the requirement for stormwater management may be waived for discharges to land subject to coastal storm flowage. This site is in a flood zone and a velocity zone per the FEMA flood insurance rate map number 25005C0501F.

If you have any questions, please do not hesitate to call me at 508-997-9311.

Sincerely,


Alan Ewing, P.E.

