



May 11, 2020

Fairhaven Conservation Commission
40 Center Street
Fairhaven, MA 02719

RE: Bridge Street, Fairhaven
Response to May 5 GCG comments

Dear Commission Members,

The following are our responses to the letter which we received from GCG on May 5, 2020.

Plans

Comment on plan set Sheet 1, Item 1 - A waiver has been requested for increased volume of runoff 198-31.1A(1)(a)[2] and C(1)(a)

Response: We agree

Sheet 1, Item 3 - A waiver of 2:1 side slopes to the pocket wetlands has been requested 198-31.1C(2)(g)[6].

Response: We agree

Sheet 2, Item 3 - Include catch basin in Operation and Maintenance Plan.

Response: The O&M Plan has been revised.

Sheet 3, Item 1 - The existing catch basins should have silt sacs.

Response: Silt sacs have been added.

Sheet 4, Item 3 - Shorten guard rail to allow maintenance access.

Response: The guard rail has been shortened.

Sheet 4, Item 1 - The roof drain for the drive through shall be for that roof only.

Response: A note has been added.

Sheet 4, Item 7 - Same comment as Sheet 1, Item 3. A waiver is requested for 2:1 side slopes.

Response: We agree.

Sheet 4, Item 8 - Same as above.

Response: We agree

Sheet 4, Item 9 - There is insufficient forebay volume for forebay #3.

Response: The forebay dike has been shown to be elevation 44, which provides adequate forebay volume.

Sheet 4, Item 10 - A waiver is needed to allow superior stormwater treatment BMPs.

Response: This is not a waiver. The regulations specifically allow superior BMPs to be approved by the Planning Board.

Sheet 4, Item 18 - Same as Sheet 3, Item 1 comment.

Response: Silt sacs have been added.

Sheet 4, Item 19 - CB3 F&G should be 48.0.

Response: Change has been made.

Sheet 4, Item 20 - 12" outfall should be 42.63 instead of 42.75.

Response: Revision made

Sheet 4, Item 21 - Section A-4 should show Cape Cod berm.

Response: The revision has been made.

Sheet 9, Item 2 - Verify volume computations for forebay.

Response: 2' depth provides required volume.

Sheet 9, Item 3 - Add forebay dike detail.

Response: Detail was added.

Sheet 10, Item 2 - Add silt sac detail.

Response: A silt sac detail has been added.

Stormwater Report

Item 2 - GCG recommends using historic pre-existing conditions for drainage calculations.

Response: Existing Conditions has been used for existing conditions computations. The area behind the existing check dams was assumed to be full with 100% runoff coefficient. This is a conservative computation because it doesn't take credit for existing detention capacity.

Item 3 - The proposed BMPs are suitable.

Response: We agree

Item 4 - Waiver would be required for forebay sizing, if the applicant had not provided for .25 inches of runoff.

Response: The .25 inches of runoff was used in the computation so no waiver is required.

Item 4 - A waiver should be requested in order to allow the applicant to use superior BMPs than listed in the regulations.

Response: A waiver is not required to provide superior treatment. The regulations specifically allow superior treatment to be used with Planning Board approval.

Item 5 - See plan set Sheet 1, Item 1 for initial waiver request.

Response: This is a regurgitation of Plan comment Sheet 1, Item 1.

Item 8 - This is a repeat of Plan Sheet 4, Item 10 and Stormwater Report Item 4 with the notion that superior BMPs can't be employed without a waiver.

Response: The regulations allow the Planning Board to approve superior BMP treatment. This is not a waiver.

Operation and Maintenance Plan Comments:

Item 1: Silt sacs should be shown. This is a repeat of comments on Sheet 3, Item 1 and Sheet 4, Item 18.

Response: Silt sacs have been shown.

Item 3 - Remove rain garden from O&M.

Response: Done

Item 6 - Add Stormceptor to O&M Plan.

Response: Done

In conclusion, all items have been done.

Sincerely,

PRIME ENGINEERING, INC.



Richard J. Rheume, P.E., LSP

Chief Engineer