



March 19, 2021

Paul Foley
Director
Planning & Economic Development.
40 Center Street
Fairhaven, MA 02719

Re: 46 Sconticut Neck Road (Residence by Girls Creek)

Dear Mr. Foley,

Nesra Engineering LLC., (Nesra) has made the following revisions to the plans based on peer review comments:

1. Revise zoning abbreviation from RC to RA.
2. Make existing hydrant larger in the plan as to be more visible.
3. Add note to two ponds. (to be installed at start of construction for benchmarks.
4. Add non-buildable note to lots 9, 10 and 11.
5. Add note for BMP parcel to be conveyed to the Town at the time of Street Acceptance.
6. Modify the cul-de-sac pavement widths. Also modify the transition curve radius from 25 ft to 30 feet. The change resulted in less impervious area. (287 S.F.)
7. Add wheelchair ramp at end of cul-de-sac.
8. Reduce lot 6 driveway width from 16 feet to 12 feet at the access point. This allowed for a wider vegetated strip for runoff treatment.
9. Update cross slope within the cul-de-sac to 2%.
10. Add wood rail fence separation between driveway at lot 6 and the vegetated strip.
11. Upgrade CB 1 and 3 to 5-ft diameter with double grates.
12. Update inverts to provide 0.1 ft drop across the structure. Elevate drain lines where possible to match the crown.
13. Add note to provide Class IV RCP where less than 4-ft of cover exists.
14. Adjust infiltration outlet invert to match HydroCAD.
15. The separated wetland area in Lot 7 has been filled and 2:1 replication added to the replication area.
16. Reshape the infiltration basin edge to be outside of the 50-ft buffer. No change in volume.
17. Move outlet control structure to embankment. Add rip-rap.



18. Revised emergency spillway side slopes from 4:1 to 3:1.
19. Provided additional information for finished grade elevations on the profile plan.
20. Provided rim elevations on the profile plan.
21. Provided Sight Distance.
22. Update pavement detail.
23. Provided concrete driveway apron detail.
24. Provided note to match transition curb side, type and height at tie in point on Sconticut Neck Road.
25. Update cross-section detail to show sidewalk on only one side.

Furthermore, we have made updates based on the Board of Public Works review comments. Specifically, we have provided the following:

1. Provide note for control density fill for water and sewer tie-ins.
2. Provide 0.1 ft invert drops within the manholes.
3. Confirmed that the size of the pressure main will be 2”.
4. Confirmed that curb stops are provided for each E-One system.
5. Provide flushing connection at end of main. (To be provided)
6. Provide note for the sewer drop to be cored, booted and stainless strapped in place.
7. Update water line to 8”, Tap and Sleeve.

We have also provided the NPDES Filing with accompanying Stormwater Pollution Prevention Plan. (SWPPP)

We have updated the O&M plan regarding sediment forebay inspection and cleaning.

We have updated the O&M to reflect maintenance of the Infiltration basin.

We look forward to presenting the proposed Definitive Subdivision Plans at the next Planning Board Meeting.

Please feel free to contact me with any questions or concerns.

Sincerely,

Arsen Hambardzumian, P.E.

Principal

