

HD Design

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Date: 05/12/2025

Amesbury Planning Board
Attn: Mr. Pascal Rettig, Chairman, and
Amesbury Community & Economic Development
Attn: Mr. Nipun Jain, Director of Planning
39 South Hunt Road - Amesbury, MA 01913

**Re: Proposed Single-family Dwelling
31 Newton Road, Amesbury, MA
Assessor Map 33, Lot 32 at 31 Newton Road
Response to Comments 2**

Dear Mr. Rettig and Mr. Jain:

HD Design is pleased to submit this correspondence and enclosed plans and reports in response to Stantec's comments received on March 12, 2025, for the subject site. Stantec's outstanding comments are provided below in standard text, followed by our responses in ***Bold Italic Text***.

Comments:

- 1- As noted previously and agreed above by the Applicant, we recommend the approved Order of Conditions for this project be a condition of the Planning Board's approval.
Response: The Order of Conditions has been issued for this project.
- 2- The Applicant has revised Basin #1 with this submission to provide additional volume with increasing the berm height, but the revised design does not appear to provide a continuous embankment slope of 3H:1V in the pond area for proper construction/maintenance, a proper top of embankment width of at least two feet for proper construction/maintenance or provide the emergency overflow spillway riprap to the toe of embankment for proper construction/ maintenance. A construction detail is absent from the revised submission for the infiltration basin including embankment side slopes, top of bank width and emergency overflow weir consistent with the revised submission. We note the top of embankment at elevation 138.5 on the plan does not match the elevation noted in the stormwater analysis (138.6) and should be consistent with the design intent. The

Applicant should review and revise the design accordingly. The Stormwater report should be revised accordingly.

Response: As requested, the gravel spillway within the pond has been extended. The basin now provides a two-foot width at the top of the embankment. Additionally, a typical stormwater basin with an emergency spillway has been added to the plans. The top elevation of the berm has also been corrected to 138.60.

- 3- The Applicant has revised the “constructed stormwater wetland” with this submission by lowering the basin bottom to match the adjacent wetlands and providing an embankment spillway outlet device. However, a sediment forebay is not included consistent with previously referenced detail CWS4 under Volume 2 Chapter 2 of the Massachusetts Stormwater Manual. Since this facility is directly adjacent to the wetlands, and proposes to construct wetlands within the basin bottom, we recommend this proposed stormwater facility be updated to provide the appropriate sediment forebay. We recommend the detail on sheet C-301 be modified to indicate the sediment forebay, indicate the flat bottom area, label the continuous embankment slopes in the pond area, provide a proper top of embankment width of at least two feet for proper construction/maintenance, indicate and provide the emergency overflow spillway riprap and indicate the riprap to the toe of embankment for proper construction/ maintenance. The Applicant should review and revise the design accordingly. The Stormwater report should be revised accordingly.

Response: A sediment forebay has now been included in the plans. The two-foot top width is also provided as requested. Additionally, the CWS detail and report have been updated accordingly.

- 4- Please update the O&M plan in the document to indicate and label the snow storage locations.

Response: Snow storage locations have been added to both Sheet C-101 and the Operations & Maintenance (O&M) Plan, as requested.

- 5- Please correct the last sentence in the Waste Management description to state containers versus dumpsters.

Response: corrected.

- 6- Please update the Stormwater BMP Inspection and Maintenance Log to list each BMP noted in the Best Management Practice Inspection & Maintenance Matrix after Construction and indicate the BMP ID# consistent with the updated plan.

Response: The BMP Inspection and Maintenance Log has been updated, as requested.

We trust that the attached materials are complete and informative. It is important to note that, following multiple discussions with local contractors, the Unilock permeable pavers have been removed from the design and replaced with a conventional asphalt driveway. This change was made due to the significantly higher cost associated with the permeable pavers and the related sitework.

The removal of the Unilock permeable pavers is not expected to have a significant impact on the overall design. The attached stormwater report demonstrates that the current design continues to meet the Massachusetts Stormwater Regulations.

Should you require additional information, please do not hesitate to contact me at your earliest convenience. We look forward to meeting with the Planning Board at the next meeting.

Regards,
HD Design

A handwritten signature in blue ink, appearing to read 'Hazem Dani', is positioned below the typed name.

Hazem Dani, PE