

AMORY ENGINEERS, P.C.

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May 25, 2022

Hingham Planning Board
210 Central Street
Hingham, MA 02043

Subject: **South Shore Country Club, 274 South Street, Site Plan**

Dear Planning Board Members:

This is to advise that we have reviewed the following documents pertaining to the proposed pool complex at the subject site:

- Site Plan – South Shore Country Club Outdoor Pool Complex (20 sheets), revised May 20, 2022, prepared by Pare Corporation (Pare)
- Response to Comments letter from Pare, dated May 20, 2022
- Existing Tree Plan (L0.0), dated February 25, 2022, prepared by Kyle Zick Landscape Architecture, Inc. (KZLA)
- Response to Comments letter from KZLA, dated May 23, 2022

The documents have been prepared to address comments contained in our May 16, 2022 letter to the Board. Below are our original comments in plain text, followed by the current status of each in **bold text**.

1. The outlet from the subsurface infiltration system is not modeled correctly in HydroCAD. The two-stage weir should be modeled as four inches wide by six inches high (not 2.5 feet high) and then four feet wide by the remaining height in the structure. Alternatively, the Outlet Control Structure Detail on Sheet C5.2 should be revised to match the model. **Addressed – the Outlet Control Structure Detail on Sheet C5.2 has been revised to match the model.**
2. The Drainage and Utility Plan (Sheet C4.0) shows drain connections to the proposed bathhouse. We assume that these are downspout connections but this should be confirmed and clarified. Any drains from inside the building would need to be connected to the sanitary sewer. **Addressed – the labels identifying the connections now specify that they are connections to the downspouts.**
3. Note 10 on Sheet C4.0 should be explained further. For example, does this mean that the trench drains around the pool will be connected to the sanitary sewer or stormwater system? **Addressed – the note has been revised to specify that the trench drains will**

be connected to the stormwater system and drains for the pool will be connected to the sanitary sewer.

4. Area drain and catch basin details should be included on the plans. **Addressed – details have been added to Sheet C5.4.**
5. The pretreatment row is shown on the wrong end of the Underground Infiltration System (UGIS-1) Plan View detail on Sheet C5.3. It should be located on the inlet end of the system. Elevations should be included on the detail also. **Addressed – the detail has been revised accordingly.**
6. Inspection ports are shown on the Underground Infiltration System (UGIS-1) Plan View detail with a note saying to see the detail. However, no detail of the inspection ports is included on the plans. **Addressed – an inspection port detail has been added to Sheet C5.3.**
7. It appears that the perimeter erosion controls are shown as a solid line with a pair of solid dots every ± 30 feet. However, this line type is not included in the Legend and it is not labeled on the plans. Filter sock should also be shown along the southern limit of work and stabilized construction entrances should be shown on the plans. **Addressed – the Proposed Legend on Sheet C0.1 includes the composite filter sock line type and filter sock is now shown along the southern limit of work. A construction entrance is also shown on the plans.**
8. Test hole logs are included in the Stormwater Management Report. Locations of the test holes should be shown on the plans. **Addressed – the test hole locations have been added to the plans and TP-1, which is adjacent to the proposed subsurface infiltration system, indicates that seasonal high groundwater would be the requisite four feet below the bottom of the system.**
9. Wetland buffer zones should be more clearly shown on the plans (they are very light and hard to see). **Addressed – the buffer zones are more clearly shown.**
10. Page 8 of the Stormwater management Report, Standard #8 indicates that a Stormwater Pollution Prevention Plan (SWPPP) will be submitted to the Town prior to the start of earth disturbing activities. Should the Board approve the project we recommend the submittal of the SWPPP be a condition of approval. **In the response, Pare indicates that they agree with the comment. A condition of approval should include the requirement of submission of the SWPPP prior to the start of construction.**
11. A tree protection plan should be submitted in accordance with ZBL §I-I.5.h. The plan should include an inventory of mature trees to be removed and planted to confirm compliance with ZBL §I-I.6.d(ii). **Addressed - the Existing Tree Plan shows the locations, sizes and types of trees to be removed and the Planting Plan (Sheet L1.0) specifies locations, sizes and types of trees to be planted. We note that trees on**

public property are not protected trees as specified in the Definition of Protected tree (ZBL §VI).

Please give us a call should you have any question.

Very truly yours,

AMORY ENGINEERS, P.C.

By:



Patrick G. Brennan, P.E.



PGB