



June 11, 2020

Ms. Loni Fournier, Sr. Planner: Conservation/GIS
Hingham Conservation Commission
210 Central Street
Hingham, MA 02043

Re: Notice of Intent
29 Bel Air Road
R. Sullivan – Applicant

Dear Ms. Fournier:

In response to your comments made in an e-mail dated June 9, 2020, please find the attached documents listed below, that are relative the Notice of Intent filing for the above reference property:

1. A revised WPA 3 Notice of Intent Form.
2. A revised NOI Narrative.
3. A PDF of the revised NOI plan of Record entitled "Notice of Intent Site Plan at 29 Bel Air Road in Hingham, MA.", dated May 15, 2020 and revised June 11, 2020.

The following is our responses to your comments made in the above referenced e-mail.

1.a Item #6 on page 2 of the NOI, the description has been revised to reflect the scope of work more clearly. No sono tubes exist or are being proposed, three helical piles are proposed for the larger shed to the east and two helical piles are proposed for the smaller shed to the west. The helical piles will be located along the seaward face of the sheds as shown on the plan of record.

1.b There was some debate as to how this project should be described among the applicant's design team as the revetment will not be physically or functionally altered. In the end we concur that the Coastal Engineering Structure box should be selected. See revised WPA Form 3 attached hereto.

1.c The revised WPA Form 3 has unchecked the section B1.

2. The revised NOI Site Plan and documents contained herein address these comments.

3.a-e The revised NOI Site Plan has addressed these comments.

4. It is my understanding that attorney Brodsky is in contact with the DEP to verify if this project constitutes an amendment to the existing Chapter 91 License.
5. The Narrative on page 4 has been updated to include the work on both sheds.
6. The correct code referenced 20.1(5)(c) has been updated on page 8 of the narrative.
 - 6.a We describe the project as a restoration/stabilization project.
 - 6.b. The seaward face of the revetment is critical to the discussion because the functionality of the bank (revetment) takes place at the seaward face. The gabion mattresses are set back off the seaward face of the revetment, in fact the mattresses are not even on top of the revetment and hence do not constitute an alteration to the revetment either from a physical or functional stand point.
 - 6.c The cross section of the gabion mattresses are shown to be on a slope pitching to the sea. This will allow wave action to be evacuated over the top of the revetment as is the current condition. The rock within the gabion mattress is going to be hand placed and not compacted in place with heavy equipment. The gabion rock and the crushed stone below the mattresses allow the rock to shift on impact to absorb impact forces from wave action. This is also discussed in the revised narrative.
7. The narrative was just pointing out that that the 1' sea rise performance does not apply to this project.
8. Please see the revised narrative on page 8.
9.
 - a. The lattice has been replaced in the past. Some debris is from the lattice, some may be from construction but we suspect that most of it has been deposited from wave action.
 - b. the 6" excavation along the landward edge of the sundeck is not the entire portion of the 930 sf of work. The 930 sf of work consists of the gabion mattresses and the 6" of erosion control restoration running along the landward edge of the sun deck.
 - c. This paragraph has been revised to reflect the detail on the plan of record. No filter fabric is being placed under the crushed stone supporting the gabion mattresses.
10. We have considered other alternatives which are described in the revised narrative.

Should you have any questions, please contact our office.

Sincerely,

PATRIOT PERMITTING & ENGINEERING



Gregory J. Tansey, P.E.
Managing Principal

GJT/gjt

Enclosures

cc: Applicant