



Seaborn Pile Driving
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REVIEW RESPONSE

DATE: 01-26-2022
PROJECT NAME: SHL20-044 & SEP-20-023_SUN
RESPONSE TO:
CITY OF MERCER ISLAND – PLANNING DEPARTMENT
9611 SE 36TH STREET
MERCER ISLAND, WA 98040-3732

Dear Lauren,

This letter is in response to the corrections for SHL20-044 and SEP20-023 Shoreline substantial permit. Below are our responses to the questions/comments from January 13th, 2022.

Planning:

1. Proposed cove and bulkhead:

- a. Sheet A3.0 states that the ~189sf gravel cove will be installed behind the OHWM. However, there is a portion of the gravel that is proposed waterward of the OHWM that is highlighted in the snippet below. Revise to state the amount that is below OHWM and state the type of gravel used (i.e. spawning gravel, angular rock, etc.)

Plan set has been updated to show “12sqft of spawning gravel placed below OHWM” on sheet A3.0. I have also updated the cove to be 259sqft of spawning gravel behind OHWM.

- b. As requested in the Second and Third Review letters*: Provide a narrative on how the proposed cove and new bulkhead (shoreline stabilization structure) complies with 19.13.050(B)(1-8).

Per the conversation had with both Tim and Liz, we are able to apply for this bulkhead repair under repair and maintenance due to not increasing the size of the bulkhead. How we meet 19.13.050(B)(1-8) is the following:

1- We conducted a Geotech report included which notes that due to wave action and current condition, the bulkhead is in need of repair.

i) We also had a No Net Loss report completed

ii) We are not moving the bulkhead forward at any location along the proposed work area, we are actually bringing it back from the current OHWM.

iii) Since we are not increasing the structure in size, this was deemed not applicable during our meeting as we are reducing the overall size by 1%.

iv) We are permitting a Shoreline project with a boatlift installation & dock maintenance and this work is included on that permit.

2- New structures for existing primary structures: This does not apply as we are not building a new structure and as we are not increasing the existing structure in size. This was noted in the meeting Liz and Tim.



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3- New Development on steep slopes: This does not apply as we are not building a new structure and as we are not increasing the existing structure in size, This was noted in the meeting Liz and Tim. We do have a Geotech report included though.

4- New structural stabilizing measures, water dependent development: This does not apply as we are not building a new structure and as we are not increasing the existing structure in size, we do have a Geotech report included though.

5- New structural stabilizing measures: This does not apply as we are not building a new structure as we are not increasing the existing structure in size, we do have a Geotech report included though.

6- Bulkhead is located parallel to the shoreline

7- A Geotech analysis of the bulkhead has been provided

8- Continued regulations on shoreline stabilization

i) The repair is kept to the minimum necessary

ii) no restriction will result in the work proposed

iii) Mitigation plan included w/NNL and plantings. CORPS permit has been approved and HPA permit is in review.

- c. On page 14 revise "impervious surface" to "hardscape."

Page 14 on the plan set has been updated to show "hardscape" now

Please let me know if I have answered your questions to your satisfaction or if I need to include more information. I want to make sure I am meeting your expectations as best as I can.

Thank you for your time,

Kelsey Meyer

Pre-Con Manager

(206)-236-1700

www.seabornpiledriving.com