REQUIREMENTS FOR CONSTRUCTION IN GEOLOGICALLY HAZARDOUS AREAS ·

CERTIFICATION FOR FINAL INSPECTION

"Step 3"

GEOTECHNICAL ANALYSIS FORM : **TO BE COMPLETED BY A LICENSED ENGINEER IN THE STATE OF WASHINGTON QUALIFIED IN THE SPECIALTY OF GEOTECHNICAL ENGINEERING ATTACHED AS A PART OF A LETTER FROM THE GEOTECHNICAL ENGINEER BEARING THE ENGINEER'S SEAL AND SUBMITTED PRIOR TO FINAL INSPECTION OR OCCUPANCY.**

Project Number: PRJ-00 Planning/Building Permit Number: BLD22704

Applicant's or Project Name : Fisher Residence Slope Protection

Geotechnical Engineer's Name and License # Henry Haselton

Engineer's Telephone #: 206-838-5852

Signature & Date: 5/1/2018

Submit this form after all geotechnical work is completed and prior to requesting final inspection or occupancy. The City requires the Geotechnical Engineer to certify that the improvements were constructed as intended or modified with the Geotechnical Engineer's approval based on field conditions.

1) All geotechnical features recommended by the Geotechnical Engineer (including any stormwater piping and footing drains) shall be inspected by the Geotechnical Engineer prior to backfilling. Final acceptance of the project requires professional engineering stamped certification by the Geotechnical Engineer stating that:

"The geotechnical project issues have been observed by me or under my supervision , and have been constructed and appear to function in general accordance with the recommendations in the Geotechnical Report for the project, or as modified based on my field recommendations and adjustments, if any."

Initial and date here if you agree with the above statement: 5/1/

Please state any approved field adjustments made to your approved recommendations:

No significant field adjustments were made from the approved plans.

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2) **The final certification shall also include operation and maintenance recommendations for the recommended items including drainage features and vegetation management if applicable. State the recommendations and attach any supporting analysis:**

Potential problems associated with erosion were minimized by establishing vegetation within all disturbed areas immediately following grading operations. A vegetation plan was developed by Sound Native Plants in accordance with Aspect's recommendations for permanent erosion control and vegetation restoration. The slope protection area was restored with a combination of erosion control matting and live stakes of select species following guidance provided by Washington State Department of Ecology.

The vegetation restoration for the project should be monitored through the Spring and Summer months of 2018 to assess plant growth and soil erosion. Irrigation should be applied as needed in the dryer months. Replace/repair landscaping and plantings as-needed in the event of any concentrated erosion.

The drainage system was repaired in-kind to what existed prior to the slope protection work. The system consists of PVC pipes that tightline roof drainage down the slope towards the shoreline. We observed the drainage system was re-installed to generally match the original configuration and appears to be functioning appropriately. Maintenance for the drainage system should include annual inspections, especially during Winter months, to check that the tightline pipes are not broken or clogged. Maintain all storm drainage piping in working order.

SUBMITTAL REQUIREMENTS

Two (2) copies of the completed forms, **two (2)** copies of all supporting documents. **Proposals will not be considered further for each step of the permit until form packets are complete**