



March 11, 2024  
Updated May 16, 2024  
ES-8332.02

## Earth Solutions NW LLC

Geotechnical Engineering, Construction  
Observation/Testing and Environmental Services

LNL Builds, LLC  
317 – 4<sup>th</sup> Street  
Kirkland, Washington 98033

Attention: Vann Lanz

**Subject: Plan Review  
2436 – 74<sup>th</sup> Avenue Southeast  
Mercer Island, Washington**

Dear Vann:

In accordance with your request, Earth Solutions NW, LLC (ESNW) has prepared this plan review letter for the subject property. This updated plan review addresses the current lot within the short plat that has been submitted for building permit review and was included in the referenced geotechnical report and addresses recent review comments provided via email from the client representative.

### **Plan Review**

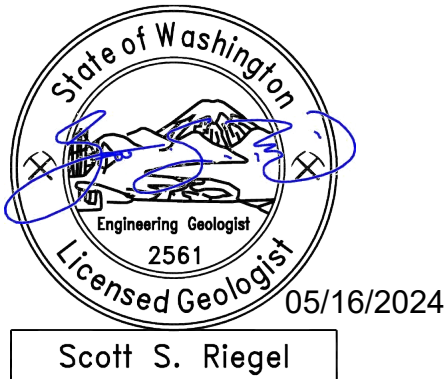
ESNW has reviewed the referenced plans which include geotechnical recommendations provided by ESNW in the referenced geotechnical report and subsequent coordination with the design team. Please note a copy of the slope stability cross-sections is attached to this response that illustrates analyses completed and submitted to the city of Mercer Island, to date. In our opinion, no additional slope stability analysis is warranted for this project, as the analyses completed adequately models the site and individual lots.

In our opinion, based on site conditions observed during the fieldwork and slope stability analyses completed in the referenced geotechnical report, **“the landslide hazard area will be modified or the development has been designed so that the risk to the site and adjacent property is eliminated or mitigated such that the site is determined to be safe.”**

We trust this plan review letter meets your current needs. Should you have questions, or if additional information is required, please contact us.

Sincerely,

**EARTH SOLUTIONS NW, LLC**



Scott S. Riegel, L.G., L.E.G.  
Associate Principal Geologist

Attachment: Plate 1 – Boring Location Plan

cc: Medici Architects  
Attention: James West-Herr

References:

- Geotechnical Engineering Study, prepared by ESNW, ES-8332.01, dated May 2, 2023
- Response to Comments Letter, prepared by ESNW, ES-8332.02, dated December 7, 2023
- Architectural Site Plan, Medici Architects, dated April 30, 2024

