



Geotechnical Engineering ■ Earthwork Observation & Testing
Environmental Services ■ CESCL & Stormwater Services

esnw.com info@esnw.com

January 9, 2026
ES-10099.02

RKK Construction, Inc.
3056 – 70th Avenue Southeast
Mercer Island, Washington 98040

Attention: Jason Koehler

**Subject: Temporary Cut Recommendation
4115 – 78th Avenue Southeast
Mercer Island, Washington**

Greetings:

In accordance with your request, Earth Solutions NW, LLC (ESNW) has prepared this letter providing an opinion regarding a proposed open cut to accommodate preserving a tree during construction on the subject site.

The subject project will include construction of a single-family residence in Mercer Island, Washington. A tree will need to be saved as part of the site development. The tree is described as Tree 32 on the referenced plans. A four-foot near-vertical cut will be necessary to preserve the tree. Based on our review of the soil conditions observed during past site exploration, in our opinion a four-foot near-vertical open cut is feasible to preserve the tree. ESNW must be provided the opportunity to observe the subject open cut as the excavation is advanced during site development. ESNW recommendation for the temporary cut is contingent on our confirmation of the soil conditions.

REDMOND
15365 NE 90th St, Suite 100
Redmond, WA 98052
425-449-4704

PASCO
3130 Varney Ln, Suite 105
Pasco, WA 99301
509-905-0275

SILVERDALE
10689 Old Frontier Rd NW, Suite 101
Silverdale, WA 98383
360-722-5081

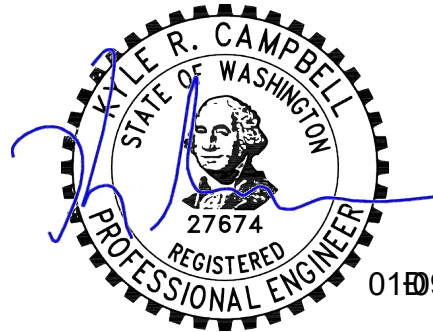
We trust this letter meets your current needs. If you have any questions, or if additional information is required, please call.

Sincerely,

EARTH SOLUTIONS NW, LLC



Stephen H. Avril
Project Manager



Kyle R. Campbell, P.E.
Senior Principal Engineer

References:

- Critical Area Report, prepared by ESNW, ES-10099.01, dated January 31, 2025
- Excavation and Replacement Tree Plan, 4115 – 78th Ave. SE, prepared by Sturman Architects, Sheets A1.2, dated January 6, 2026
- Geotechnical Engineering Study, prepared by ESNW, ES-10099, dated November 15, 2024