PanGEO INCORPORATED
Geotechnical & Earthquake Engineering Consultants

May 9, 2022
File No. 21-004.200

Elizabeth Huber
C/O Brandt Architects
Attn: Kate Miller
18915 142nd Avenue NE #140
Woodinville, WA 98072

Subject: **Response to City of Mercer Island Comments**
Temporary Cut Slopes, South Side Excavation
9611 SE72nd Street
Mercer Island, WA

Dear Elizabeth,

This letter provides response to the review document from the City of Mercer Island dated May 5, 2022, regarding sheet SH2.1 and the proposed 1H:1V temporary cut slopes on the south side of the excavation. In our opinion, temporary cut slopes graded at 1H:1V are acceptable along the south side of the excavation, so long as the cut remains within the property boundary of the subject site, and as long as groundwater does not adversely affect the excavation. We recommend that the contractor be prepared to install well points or sumps should groundwater impact the stability of the excavation cut slope.

Temporary cuts that are contained within the boundaries of the subject property are unlikely to negatively impact adjacent properties. Nonetheless, to mitigate the possibility of future claims we recommend that, before excavation starts a baseline survey of nearby structures be carried out, and that additional surveys be conducted weekly to verify that no impact has occurred.

We trust that this addendum will meet your needs at this time. If needed, we will respond to any further geotechnical review comments from the City. Once the

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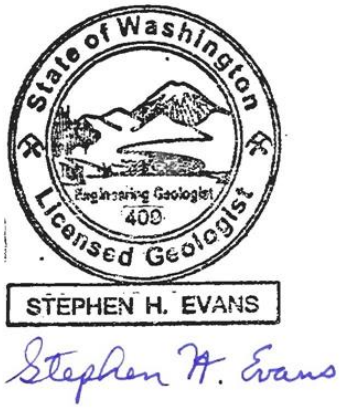
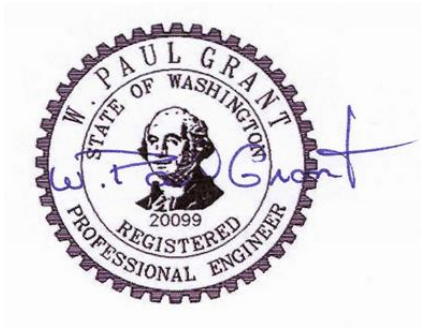
corrections outlined by the City have been incorporated into the design plans, along with the recommendations contained in this addendum, our report dated September 7, 2021, and the addendums dated January 6 and March 8, 2022, the revised plans should be forwarded to us for review and minimum risk statement preparation.

Sincerely,





Stephen H. Evans, L.E.
Senior Engineering Geologist

W. Paul Grant, P.E.
Principal Geotechnical Engineer