

May 11, 2017
File No. 17-014.200

Ms. Suzanne Zahr
1441 76th Avenue SE, Suite 160
Mercer Island, WA 98040

**Re: Geotechnical Opinions for Critical Area Determination
Niederman Residence Remodel
6800 – 96th Avenue SE, Mercer Island, Washington**

Dear Ms. Zahr,

As requested, this letter is prepared to provide our geotechnical opinions with regard to Critical Area Determination and Land Use Application for the proposed remodel project at the above-reference property. Based on review of the information provided to us, we understand that it is proposed to remove a small portion of the existing driveway/parking pad at the northwest corner of the property as part of the proposed remodel project. The removed impervious driveway/parking area will be approximately 124 square feet in size. Following the removal of the existing driveway/parking pad, the disturbed area will be restored with approved landscaping features and native species. We further understand that ground disturbance/grading will be minimal for the proposed work and will be limited to removal of driveway/parking pad and necessary restoration and landscaping only. Based on our understanding of project scope, the soil conditions at the site based on the geologic map and borings, and our field observations, it is our opinion that the proposed removal and restoration is feasible from a geotechnical standpoint. It is also our opinion that it will not decrease the site stability or cause slope instability. In our opinion, the proposed removal and restoration work will not increase surface erosion and runoff, and will likely improve the erosion control in long term.

We trust that the information outlined in this letter meets your current needs. Please call if you have any questions or need additional information.

Sincerely,



5/11/2017

Michael H. Xue, P.E.
Senior Geotechnical Engineer