



December 8, 2023

Janet Buttenwieser & Matt Wiley
6838 96th Avenue SE
Mercer Island, WA 98040

Re: Geotechnical Review of Plans and Statement of Risk

File No. CAO21-007
Mercer Island House: Cascade
Buttenwieser/Wiley Residence
6838 96th Ave SE, Mercer Island, WA 98040; King County APN 302405-9010
Aspect Project No. 200631

Dear Ms. Buttenwieser and Mr. Wiley:

Aspect Consulting (Aspect) has completed a geotechnical plan review of the construction drawings Permit Revision B (Miller Hull et al., 2023b) for the Buttenwieser Residence (Project) at 6838 96th Avenue SE on Mercer Island, Washington (King County Parcel No. 302405-9010; Site). The Permit Revision B drawings pertain to a soldier pile retaining wall along the property driveway. The purpose of this letter is to provide a statement of risk in accordance with Mercer Island City Code (MICC) 19.07.160.B.3, as requested by the City of Mercer Island (City).

Statement of Risk

This letter confirms that Aspect has reviewed the Permit Revision B drawings, dated December 8, 2023 (Miller Hull et al., 2023a and 2023b). Based on our review, the plans adequately conform to our geotechnical recommendations. The verbatim statement of risk from MICC 19.07.160.B.3 is provided below, based on our review of the aforementioned construction drawings:

“The landslide hazard area or seismic 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.”

This statement is made based on our review of the plans, assuming appropriate construction implementation and monitoring of the geotechnical criteria provided in our Geotechnical Engineering Report (Aspect, 2021), addendum (Aspect, 2022), and memorandum (Aspect, 2023) are adhered to.

References

Aspect Consulting, LLC (Aspect), 2021, Geotechnical Engineering Report, Buttenwieser/Wiley Residence, 6838 96th Avenue SE, Mercer Island, Washington, Prepared for Janet Buttenwieser, September 2, 2021.

Aspect Consulting, LLC (Aspect), 2022, Geotechnical Engineering Report Addendum. Buttenwieser/Wiley Residence, 6838 96th Avenue SE, Mercer Island, Washington, Prepared for Janet Buttenwieser, April 26, 2022.



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Aspect Consulting, LLC (Aspect), 2023, Driveway Soldier Pile Wall Design Memorandum.
Buttenwieser/Wiley Residence, 6838 96th Avenue SE, Mercer Island, Washington,
Prepared for Janet Buttenwieser and Matt Wiley, October 31, 2023.

The Miller Hill Partnership, LLC, LPD Engineer, PLLC, PCS Structural Solutions , and others
(Miller Hull et al.), 2023a, 100 Percent Construction Drawings for Mercer Island House:
Cascade, Issued February 24, 2023.

The Miller Hill Partnership, LLC, LPD Engineer, PLLC, PCS Structural Solutions, and others
(Miller Hull et al.), 2023b, 100 Percent Construction Drawings for Mercer Island House:
Cascade, Permit Revision B: December 8, 2023.

Limitations

Work for this project was performed for Janet Buttenwieser & Matt Wiley (Client), and this report was prepared consistent with recognized standards of professionals in the same locality and involving similar conditions, at the time the work was performed. No other warranty, expressed or implied, is made by Aspect Consulting, (Aspect).

All reports prepared by Aspect for the Client apply only to the services described in the Agreement(s) with the Client. Any use or reuse by any party other than the Client is at the sole risk of that party, and without liability to Aspect. Aspect's original files/reports shall govern in the event of any dispute regarding the content of electronic documents furnished to others.

We appreciate the opportunity to perform these services.

Sincerely,

Aspect consulting



12/8/23

A handwritten signature in black ink, appearing to read "H. H. Haselton".

Mari Otto, PE
Project Geotechnical Engineer
Mari.otto@aspectconsulting.com

Henry H. Haselton, PE, PMP
Principal Geotechnical Engineer
Henry.h.haselton@aspectconsulting.com

A handwritten signature in black ink, appearing to read "Shelby Cutter".

Shelby Cutter
Senior Staff Scientist
shelby.cutter@aspectconsulting.com