

September 23, 2025

JN 23105

Yazan Aldehayyat and Stephanie Giola
2969 – 74th Avenue Southeast
Mercer Island, Washington 98040
via email: yazanaldhiat@gmail.com and Giola.stephanie@gmail.com

Subject: **Review of Civil Plans**
Proposed Residence
2969 – 74th Avenue Southeast
Mercer Island, Washington

Greetings:

As required by the City of Mercer Island, we have reviewed the geotechnical aspects of the civil plans prepared for your project. For our review, we were provided with the civil drawings prepared by NBE, dated 06/23/25. Your house will be underlain by a crawl space, not a basement.

Permeable pavers will be used for the driveway and patio, with compacted gravel used for the driveway and front walk within the 74th Avenue S.E. right-of-way. A drywell having a depth of 4 feet will be installed in the center of the rear yard to infiltrate runoff from the roof of the house. This will ensure that the bottom of the drywell is located within the medium-dense, more permeable sand.

Based on our review, the civil plans conform to our recommendations. The use of pervious surfaces and infiltration to handle precipitation on the lot will model the existing conditions. These systems should not create adverse drainage problems on the site or the surrounding properties.

Please contact us if you have any questions regarding this letter, or if we can be of further assistance.

Respectfully submitted,

GEOTECH CONSULTANTS, INC.



9/23/2025

Marc R. McGinnis, P.E.
Principal

cc: **Sticklab** - Kellen White
via email: kellen@sticklab.com