

September 13, 2023

JN 20408

Bill Summers  
via email: [billsummers1841@gmail.com](mailto:billsummers1841@gmail.com)

Subject: **Application for Seasonal Development Limitation Waiver**  
Mercer Island Treehouse Residence  
5637 East Mercer Way  
Mercer Island, Washington

We understand that work associated with the remodel and expansion of your existing residence will extend beyond the October 1 start of the Seasonal Development Moratorium, as defined by City of Mercer Island Code. You are applying for a waiver to allow this wet weather grading.

At this time, a construction entrance and silt fence have been installed, and trees in the development area have been cleared. We have been provided with the application package, which includes the construction schedule and a copy of the *TESC and Tree Retention Plan* prepared by Core Design. A temporary holding tank is to be brought to the site until the ground is covered and stabilized against erosion.

The proposed work will include installation of soldier piles along the north, low, side of the development area, and along the upslope sides of the planned excavations for the driveway and house. After the excavation for the house and driveway is completed, driven pipe piles will be installed and the interconnecting grade beams and structural slab will be constructed. It will be important to maintain the existing erosion control features, and to repair or upgrade them as necessary to deal with site and weather. One of the primary considerations will be preventing trucks from tracking mud onto the streets.

With regard to permanent restoration in the event that work is suspended, we would recommend that all disturbed areas be covered with a minimum 6-inch layer of clean crushed rock, such as railroad ballast. Palensky Dozing has included a cost estimate for that level of restoration, should it be needed.

In order to satisfy the City of Mercer Island's requirements, we make the following statement:

In our judgment, the development practices that have been included in the provided plans, and that are recommended in the geotechnical reports should render the new construction as safe as if it were not located in a geologic hazard area.

Please contact us if there are any questions regarding this letter.

Respectfully submitted,  
GEOTECH CONSULTANTS, INC.  
Marc R. McGinnis, P.E.  
Principal



cc: **DME Construction** – Eric Ulfwengren  
via email: [eric@dmeconstruction.com](mailto:eric@dmeconstruction.com)