

August 30, 2023

JN 23141

City of Mercer Island – Public Works Department
9601 S.E. 36th Street
Mercer Island, Washington 98040

Attention: Alaine Sommargren & Sarah Bluvas
via email: alaine.sommargren@mercerisland.gov & Sarah.bluvas@mercerisland.gov

Subject: **Review of Grading Plan**
Proposed Mercer Island Bike Skills Area
Deane's Childrens Park
5650 Island Crest Way
Mercer Island, Washington

Greetings:

As required by the City of Mercer Island in their July 26, 2023 *First Review Letter*, a grading plan for the trails to be completed for the Bike Skills Area has been prepared. This plan has been developed by Station 10 Engineering and Design, and is dated August 23, 2023.

In conformance with our recommendations, the plan has limited any potential fills within, or near, the western ravine feature to 12 inches. A previously-planned berm located on top of the north sidewall of the ravine has been modified to a wood ramp to avoid a thicker fill along the top of the slope. The placement of these minimal fills on the short ravine slope will not adversely affect the stability of the underlying glacially-compressed soils. As noted in our previous report, this is evident from the well-used footpath located in the ravine downslope of the proposed Bike Skills Area. Similar to the proposed bike trail, this footpath has a thin fill section along its downslope edge to create a more level cross-section for the path.

Based on our review of the above-referenced plan, we provide the following updated “statement of risk” to satisfy City of Mercer Island conditions:

“It is our professional opinion that the development practices proposed for the new development would render the alteration as safe as if it were not located in a geologic hazard area.”

Please contact us if you have any questions regarding this letter.

Respectfully submitted,
GEOTECH CONSULTANTS, INC.

Marc R. McGinnis, P.E.
Principal



8/30/2023

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