

September 27, 2023

Ryan Harriman
Planning Manager
Community Planning and Development (CPD)
City of Mercer Island

Re: 4719 86th Ave SE
Mercer Island, Washington
CAO23-021

This letter provides the geotechnical engineering-related comments for the above-referenced permit.

The Lorenzini short plat documents (SUB 1) were reviewed as part of the Critical Area Review (CAR2).

The proposed location of the stormwater detention tank shown on Sheet C4 should be reviewed by the geotechnical engineer of record. An assessment of both the potential long-term impacts from the detention system on the stability of the slope given its proximity to the edge of the slope, as well as the potential adverse impacts of future slope movements on the performance of the detention system should be provided.

Following review of the plans, assessment of the detention tank location, and recommendations for alternate detention system location, if applicable, a letter should be provided stating whether the current plans conform to the geotechnical engineer's site development recommendations. An updated statement of risk (MICC19.07.160.B.3) from the geotechnical engineer should also be included in the letter.

Sincerely,

City of Mercer Island - CPD

A handwritten signature in black ink, appearing to read "Michele Lorilla". The signature is fluid and cursive, with a long horizontal stroke at the end.

Michele Lorilla, P.E.
Geotechnical Peer Reviewer