



S T U R M A N
A R C H I T E C T S

Date: October 17, 2023

To: City of Mercer Island Building Department
9611 SE 36th Street
Mercer Island, WA 98040

From: Brad Sturman
Sturman Architects

Re: Oniel Residence
8030 SE 20th St
Mercer Island, WA 98040
Tax Id # 545230-2220
Building Permit 2308-188

Subj.: Critical Area 2 – Application Narrative

NARRATIVE:

The project site is 31,140 square feet and includes hazardous conditions. As required by the code, we are submitting a Critical Area II application which will have a concurrent review with the building permit application 2308-188.

The house design is mostly an interior remodel with a new entry roof and the replacement of the existing entry patio. This entry roof and entry patio were constructed over an already existing patio which will be replaced. The entry roof is 79.1 SF of new lot coverage for the site.

We have hired GeoTech Consultants to do a report and statement of risk assessment to the already built entry roof. The report recommends that the entry roof will have to be refitted with new 2" diameter pipe piles to deal with the long-term settlement due to the existing soil conditions. This recommendation for new pipe piles has been incorporated into new structural drawings and calculations for the entry roof.

Sincerely,
Sturman Architects,
Brad Sturman