

Project Address:

Brandon Wai
7235 East Mercer Way, Mercer Island, WA 98040

Date: October 2, 2023

APN: #258130-0055

Andrew,

We are the structural engineers of record for this project. This letter lists the comments related to the structural design and what was done to address each comment.

Geo-technical recommendations on pg3/4 describe recommendation of pin-piles since poor soil bearing capacity and seismic conditions. There is no section for conventional footing. Provide revised design, or provide narrative/calcs pursuit to pin-pile design. Then provide detail for this condition.

Sheet S-2 has been updated to call out pin piles per detail P1, which can be seen on sheet S-4. The structural calculation package has been updated to reflect the calculations for the pipe piles, on page F1.

Specify a beam if required to be upgraded.

P.T. DF 4x10 Beam is called out along the beam line on sheet S-2. The callout “REPLACE OR CALLOUT BEAM” has been removed for clarity.

With this added information, the design is consistent with the relevant structural codes, and with the intent of our original design.

Sincerely,



John S. Apolis, P.E., S.E.
Principal Engineer, CSES inc.

