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February 16, 2023

Project Narrative – Liu Residence

3705 77<sup>th</sup> Pl SE, Mercer Island (King Co. Parcel No. 545880-0550)

The project is located at 3705 77<sup>th</sup> Place SE, Mercer Island on an 8,345 sf (0.19 ac.) lot zoned R-8.4 that presently contains a single-family residence that was constructed in 1958. The applicant proposes to remove the existing residence and construct a new single-family residence and associated driveways, walkways, and decks. The new improvements will be largely installed in place of the existing improvements. Access will be maintained from SE 37<sup>th</sup> St. The project will result in 2,657 sf of new plus replaced impervious surface. Runoff from the proposed improvements will be collected and tightlined to an existing catch basin on SE 37<sup>th</sup> Street.

The City of Mercer Island GIS map denotes the site as being in Wind Speed-Up Hazard, Potential Landslide Hazard, and Seismic Hazard areas. The City of Mercer Island has indicated that a Critical Area Review 2 is required in support of the building permit application.

Please feel free to reach out with any questions. Thank you.

Sincerely,

Matthew J. Haringa, P.E.

Principal

Interlaken Engineering and Design, PLLC