



August 14, 2023

Molly McGuire, Planner
City of Mercer Island – Community Planning & Development
9611 Southeast 36th Street
Mercer Island, Washington 98040
Via: Email

RE: 6950 Southeast Maker Street, Mercer Island, WA 98040

Dear Molly,

As requested, I have reviewed the following surveys:

- Topographic & Boundary survey of 6950 SE Maker Street, performed by Terrane under job number 2100007, dated August 28, 2022.
- Topographic Survey of “Pederson Residence”, performed by D.R. Strong Consulting Engineers, drawing number 89-848, dated May 1989, for property abutting to the north of 6950 SE Maker Street.
- Topographic Survey of 7075 SE Maker Street, performed by W.M. Marshall under job number 4222, dated August 21, 2005, for property to the south and opposing side of SE Maker Street from 6950.

The Terrane Survey and the W.M. Marshall Survey show the improved state of Southeast Maker Street. While the limit of study of the D.R. Strong survey did not include Southeast Maker Street, one must consider that the performance of that survey in 1989 was decades after those grading actions taken to develop Southeast Maker Street, having occurred sometime in the 1950’s.

Each survey appears to reflect a high level of diligence and there are no observable deficiencies that might bring their reliability into question.

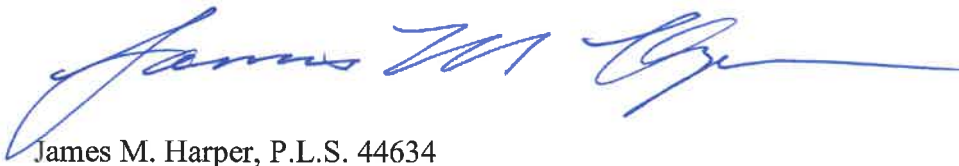
As with any survey drawing, these can only illustrate conditions in existence at that specific time of performance and cannot illustrate conditions that *may have existed* previously. Therefore, one cannot *assume* that *any* mapping element from these surveys reflect conditions prior to alterations of any kind. These surveys do not serve as a “snapshot” of original grade conditions and cannot be relied on for interpolation or other such formulaic determinations of any *past, original grade*.

In review of all application materials and public comments provided, no documentation seems to exist establishing the *original* grade of 6950 Maker Street. Additionally, no grading plans, road construction permitting, or as-build document sets exist within King County Roads Division records for SE Maker Street.

Therefore, considering the lack of concrete evidence of any original grade which may have preceded the current existing conditions, it is my opinion that *existing* grade, for the purposes of permitting considerations, should be the surface elevation immediately adjacent to, or touching a point on the exterior wall of a proposed structure, in accord with Conclusion 2 of Administrative Interpretation 12-004.

Thank you,

BUSH, ROED & HITCHINGS, INC.



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