

July 18, 2019

Mercer Island Fire Marshal's Office
3030 78th Avenue SE
Mercer Island, WA 98040



architecture + design

FIRE CODE ALTERNATE REQUEST

The Subject property is located at 8452 North Mercer Way, Mercer Island, WA 98040; King County Tax Assessor No. 5452600010. There is an existing single-family residence constructed in 1976. The existing total square footage (interior and covered decks) is 3,868.2 SF.

The proposed project includes demolition of portions of the existing walls at the main and upper floor and various interior walls, interior remodel of the existing spaces on all three floors, window/door replacement throughout, siding replacement, roof modification in various locations, and conversion of portion of roof to uncovered roof deck. The proposed total square footage (interior and covered decks) is 4,276.4 SF (a 408.2 SF increase from the existing structure).

Existing fire deficiencies on the site include:

1. Fire Access road width: 10'
2. Substandard turnaround

We propose to install the following alternative fire protections:

1. An NFPA 13D – “Standard” sprinkler system.
2. Solid Core doors throughout the residence.
3. Monitored Household Fire Alarm

We believe the proposed alternate protection systems proposed are equal to or better than the code requirement based on the existing site conditions and proposed project scope.

I can be reached at 206-542-3734 or at heidi@h2darchitects.com with any further questions.

Regards,

Heidi Helgeson
Principal
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