



R I P P L E
D E S I G N S T U D I O

Fire Code Alternate Request

6 March 2025

To

Mercer Island Fire Marshal Office

By the Architect

Ripple Design Studio, Inc. – Jim Dearth
4303 Stone Way N
Seattle, WA 98103

For the Project

4661 Forest Ave SE, Mercer Island, WA

Summary

During our Pre-App for the project noted above, the following deficiencies were found:

- Distance from hydrant to access exceeds 250'
- Slope exceeds 10%
- Access width is less than 20'
- No turnaround

We hereby propose the following alternate design methods to overcome them:

- NFPA 13R Fire Sprinkler System
- Installation of solid-core 1 ¾" interior doors at entrances to all public spaces + bedrooms; note that proposed doors shall not be fire-rated nor shall they be provided with auto-closing hardware.
- Installation of a Household Fire Alarm System
- 5/8" type X GWB throughout

Thank you for your consideration,

Ripple Design Studio.