



Alternative Fire Protection Request Letter

July 30, 2024

Address: 7929 East Mercer Way, Mercer Island, WA 98040
Permit: 2211-165
To: Mercer Island Fire Marshal Office
Review Type: Fire Plan Review
Reviewer Name: Jeromy Hicks

Scope of work:

Demolition of the existing Single Family Residence and the construction of a new three story Single Family Residence.

The following is a list of the fire code deficiencies found at 7929 East Mercer Way and the proposed fire protection alternatives we have chosen for building permit 2211-165.

Deficiencies:

1. Distance from fire access to rear of residence exceeds 150' (200').
2. No Turn Around.
3. Access width is less than 20' (12.72).
4. No Turn Around.
5. Grade exceed 10% (17%) raked concrete required.

Alternatives:

1. Upgraded Fire Sprinkler System Coverage.
2. An upgrade to an "NFPA 13R – Plus" sprinkler system.
3. Installation of a "Household Fire Alarm System" per NFPA 72 Chapter 29.
4. Install 1-hr rater gypsum in all areas.
5. Provide solid core or fire rated doors throughout.

We believe the proposed is equal to or better than the code requirement.

Regards,
Cody Dakan
Yen Design, Inc.
206-432-1111