



S T U R M A N
A R C H I T E C T S

Date: May 20, 2025

To: City of Mercer Island – Fire Department

From: Kati Eitzman
Sturman Architects

Re: New Residence
4006 E. Mercer Way
Mercer Island, WA 98040
Permit # 2411-062

Subj.: FIRE CODE ALTERNATE SUBMITTAL – 1

This letter is submitted as our request for a fire code alternate based on the Fire Review completed as part of the building permit review. The project being reviewed is a new two-story single-family residence built over basement and crawlspace with an attached two-car garage.

The following deficiencies were noted during the Fire Review of our project:

1. Distance from all points to access road = 580' vs. 150' required.
2. Access road <500' = 12' vs. 20' required.
3. 435' dead-end access road without turnaround.
4. Grade = 18.5% vs. < 10% required.

For these deficiencies, we proposed the following fire code alternates:

1. Monitored Household Fire Alarm System, per NFPA 72, Chapter 29.
2. Upgrade to NFPA 13R sprinkler system
3. Installation of 1-hr rated gypsum in all areas
4. Provide solid core or fire rated doors

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

Sincerely,
Kati Eitzman
Sturman Architects