



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

**Date:** June 26, 2024

**To:** City of Mercer Island – Fire Department

**From:** Brad Sturman  
Sturman Architects

**Re:** Biggs Residence  
2411 60<sup>th</sup> Ave. S.E.  
Mercer Island, WA 98040

**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 preapplication meeting. The project being reviewed is a substantial remodel of a two-story single-family residence built on existing foundations, with an attached two-car garage.

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

1. Turn around required for road greater than 150 feet.
2. Roadway width is less than 26' (12') -CODE ALT REQUIRED
3. Access Road exceeds 10% slope.

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

1. Monitored Household Fire Alarm System, per NFPA 72, Chapter 29.
2. Provide NFPA 13D sprinkler system
3. Installation of 1-hr rated gypsum in all areas
4. Provide solid core or fire rated doors
5. Turn around is not possible based on the width of the lot and garage location.

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

Sincerely,  
Brad Sturman  
Sturman Architects