



**Date:** August 9, 2022  
**To:** City of Mercer Island – Fire Department  
**From:** Brad Sturman  
**Re:** Mounger Residence  
4006 E. Mercer Way  
Mercer Island, WA 98040

**Subj.:** FIRE CODE ALTERNATE SUBMITTAL

This letter is submitted as our request for a fire code alternate related to the permit review for the New Residence.

We have a number of fire code deficiencies based on the fire department review and we propose the following:

1. **Provide a NDPA 13R plus** fire sprinkler system.
2. **Use the NFPA 72** Fire Alarm L.V. monitoring system.
3. **Solid Core doors** to be installed through out the project.
4. **Sloped roof areas will have metal class-A** standing seam material.
5. **Use 5/8” Type-X** sheetrock on interior spaces throughout.
6. **Driveway Turn Around:**  
The 40<sup>th</sup> Ave road terminates at the end of the 4006 property. The project proposes to replace the larger concrete area at the end of road with new concrete due to the loose and broken condition of the material.

**Sincerely,**  
**Sturman Architects. Brad Sturman.**