



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

Date: February 7, 2023

To: City of Mercer Island – Fire Department

From: Kati Eitzman
Sturman Architects

Re: Plummer Residence
9212 SE 33rd Place
Mercer Island, WA 98040
Permit # 2109-164

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 a crawlspace, with an attached two-car garage.

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

1. Fire flow produced by Hydrant C5-01 is not sufficient
2. Road width less than 20'
3. No turn around provided

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

1. Installation of NFPA 13R sprinkler system
2. Installation of 1-hr rated gypsum in all areas
3. 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