

Plan One
1501 Dayton Court NE
Renton, WA 98056

December 31, 2022

Jeromy Hicks
Mercer Island Fire Marshall's Office
3030 78th Avenue SE
Mercer Island, WA 98040

RE: 2112-249
5028 West Mercer Way

Project Scope:

The project is to construct a 3203 Sq. Ft. single family residence with 4 bedrooms on an undeveloped property at 5028 West Mercer Way.

Fire Code Requirements (Per Fire Marshal):

A NFPA13R type automatic fire sprinkler system.
A monitored household fire alarm per NFPA72

Fire Protection Requirements per Building and Fire Codes:

A solid core self-closing door between the Garage and the living areas.
A heat detector on the ceiling of the garage.
5/8" Type X gypsum board on the ceiling of the garage below the upper level living spaces above.
A wired smoke alarm with battery back-up in each sleeping room.
A wired smoke alarm with battery back-up on each floor outside of the sleeping areas.
A wired carbon monoxide alarm with batter back-up on each level of the house.

Proposed Fire Code Alternatives:

Upgraded fire sprinkler system coverage.
Fire retardant coatings in the attic and crawl spaces.

The proposed Fire Code Alternatives are to be considered enhancements to the fire protection methods as required by the Fire Marshal and Building Codes and not in lieu of them.