Reviewed for Code Compliance
Inspections Division
Approved with Conditions

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From: Sonia M. Barrantes and Jacob P. Staub
To: Portland Planning and Urban Development Department

Subj: WRITTEN SUMMARY OF FIRE SAFETY

Ref: (1) City of Portland Technical Manual
(2) 2009 International Residential Code for One- and Two-Family Dwellings
(3) NFPA 13D Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings
(4) NFPA 10 Standard for Portable Fire Extinguishers

Encl: (1) Proposed One-Family Dwelling Sprinkler Plan

1. Two structures are proposed. The proposed structures are a one-family dwelling and a detached garage.

2. According to reference 1, the proposed development is located outside the limits of Fire District 1. The proposed structures will have a public hydrant located approximately six hundred (600) feet away.

3. One driveway thirteen (13) feet in width will extend to within fifty (50) feet of exterior doors providing access to the interiors of the structures.

4. Site access will provide a minimum of nine (9) feet clearance height to accommodate ambulance access.

5. The proposed one-family dwelling fire protection includes:
   a. Fire-resistant construction in accordance with reference 2, section R302.
   b. Smoke alarms installed in accordance with reference 2, section R314.
   c. Automatic fire sprinkler system developed and installed in accordance with reference 3. A proposed design of the sprinkler system is included as enclosure 1.

6. The proposed garage fire protection includes:
   a. Fire-resistant construction in accordance with reference 2, section R302.
   b. Floor surfacing in accordance with reference 2, section R309.
   c. Installation of portable fire extinguisher(s) as delineated by reference 4.

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