

August 17, 2017

Weber County Fire District
2380 Washington Blvd.; Suite 240
Ogden, Utah 84401

Attention: Brandon Thueson
Deputy Chief/Fire Marshal

Subject: Yehuda Residence, Lot 65, Summit-Powder Mountain

The above property is located in a Wildland Urban Interface area and is therefore subject to the requirements of the 2006 Utah Wildland Urban Interface Code. Our project documents are in conformance with the code. The following review comments are addressed as follows:

SPECIFIC COMMENTS:

- 1. SEPERATE SUBMITAL NOTICE:** Fire suppression systems and fire alarm systems require a separate submittal. A permit shall be applied for before any installation of either fire suppression system or fire alarm system. The permit shall be on the job site and be available for review by any inspector. The APPROVED STAMPED set of plans shall also be on the job site and available for review by any inspector. If there is no permit and/or approved stamped plans on the job site, there will be a Stop Work Order issued until both are on the job site. Submit plans at Weber Fire District, 2023 W. 1300 N. Farr West.

Response: Fire suppression systems and fire alarm will be provided as deferred submittal. Permit and plans will be available on site for any inspector.

- 2. The property location and structure is within the Wildland Urban Interface and is therefore subject to the requirements of the 2006 Utah Wildland-Urban Interface Code. Provide the following documentation:**

- a. Completed "Fire Hazard Severity Form" (Appendix C).**

Response: Provided.

- b. Statement of conformance signed by the architect.**

Response: Provided

- c. Any applicable alterations to comply the WUI code.**

Response: None made.

- 3. Provide a temporary address marker at the building site during construction.**

Response: Contractor will provide temporary address marker on site.

General Requirements:

- Fire access roads for this project shall be completed and approved prior to any combustible construction. Temporary roads shall meet the same requirements for height, width and imposed loads as permanent roads.

Response: Provided

- All required fire hydrants and water systems shall be installed, approved and fully functional prior to any combustible construction.

Response: Provided

- Fire department apparatus access is required for each lot.

Response: Provided

- If the building is equipped with an fire suppression system, there shall be a weather proof horn/strobe device located on the street side of the building as approved by the Fire Prevention Division (coordinate with fire inspector regarding location).

Response: Fire suppression system is provided. Deferred submittal will indicate weather proof devices.

Respectfully,



Ray Bertoldi
Bertoldi Architects.

APPENDIX C

FIRE HAZARD SEVERITY FORM

This appendix is to be used to determine the fire hazard severity.

A. Subdivision Design

1. Ingress/Egress

- Two or more primary roads
- One road
- One-lane road in, one-lane road out

Points

- 1___
- 10 ~~X~~
- 15___

2. Width of Primary Road

- 20 feet or more
- Less than 20 feet

- 1 ~~X~~
- 5___

3. Accessibility

- Road grade 5% or less
- Road grade 5-10%
- Road grade greater than 10%

- 1___
- 5 ~~X~~
- 10___

4. Secondary Road Terminus

- Loop roads, cul-de-sacs with an outside turning radius of 45 feet or greater
- Cul-de-sac turnaround
- Dead-end roads 200 feet or less in length
- Dead-end roads greater than 200 feet in length

- 1___
- 5___
- 8___
- 10 ~~X~~

5. Street Signs

- Present but unapproved
- Not present

- 3 ~~X~~
- 5___

B. Vegetation (IUWIC Definitions)

1. Fuel Types

Surface

- Lawn/noncombustible
- Grass/short brush
- Scattered dead/down woody material
- Abundant dead/down woody material

- 1___
- 5 ~~X~~
- 10___
- 15___

Overstory

- Deciduous trees (except tall brush)
- Mixed deciduous trees and tall brush
- Clumped/scattered conifers and/or tall brush
- Contiguous conifer and/or tall brush

- 3 ~~X~~
- 10___
- 15___
- 20___

2. Defensible Space

- 70% or more of lots completed
- 30% to 70% of lots completed
- Less than 30% of lots completed

- 1___
- 10 ~~X~~
- 20 ~~X~~

C. Topography

- Located on flat, base of hill, or setback at crest of hill
- On slope with 0-20% grade
- On slope with 21-30% grade
- On slope with 31% grade or greater
- At crest of hill with unmitigated vegetation below

- 1___
- 5 ~~X~~
- 10___
- 15___
- 20___

D. Roofing Material

- Class A Fire Rated
- Class B Fire Rated
- Class C Fire Rated
- Nonrated

- 1 ~~X~~
- 5___
- 10___
- 20___

E. Fire Protection—Water Source

- 500 GPM hydrant within 1,000 feet
- Hydrant farther than 1,000 feet or draft site
- Water source 20 min. or less, round trip
- Water source farther than 20 min., and 45 min. or less, round trip
- Water source farther than 45 min., round trip

- 1 ~~X~~
- 5___
- 10___
- 15___
- 20___

F. Siding and Decking

- Noncombustible siding/deck
- Combustible siding/no deck
- Noncombustible siding/combustible deck
- Combustible siding and deck

- 1___
- 5___
- 10 ~~X~~
- 15___

G. Utilities (gas and/or electric)

- All underground utilities
- One underground, one aboveground
- All aboveground

- 1 ~~X~~
- 3___
- 5___

Total for Subdivision

- Moderate Hazard
- High Hazard
- Extreme Hazard

- 50-75
- 76-100
- 101+

TOTAL 74

50-75