

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

2. Width of Primary Road

20 feet or more

Less than 20 feet

3. Accessibility

Road grade 5% or less

Road grade 5-10%

Road grade greater than 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

5. Street Signs

Present but unapproved

Not present

B. Vegetation (IUWIC Definitions)

1. Fuel Types

Surface

Lawn/noncombustible

Grass/short brush

Scattered dead/down woody material

Abundant dead/down woody material

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

2. Defensible Space

70% or more of lots completed

30% to 70% of lots completed

Less than 30% of lots completed

Points

1__

10 ~~X~~

15__

1 ~~X~~

5__

1__

5 ~~X~~

10__

1__

5__

8__

10 ~~X~~

3 ~~X~~

5__

1__

5 ~~X~~

10__

15__

3 ~~X~~

10__

15__

20__

1__

10__

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

74

Total for Subdivision

Moderate Hazard

High Hazard

Extreme Hazard

50-75

76-100

101+