

August 14, 2017

• Mr. Brandon Thueson
• Deputy Chief/Fire Marshal
• Weber Fire District
• 801-782-3580 Ext. 205

• Brian MacKay-Lyons
• MacKay-Lyons Sweetapple Architects
• 2188 Gottingen Street
• Halifax, NS
• B3K 3B4
• 902-429-1867 x. 227
• brian@mlsarchitects.ca

RE: Kimmelman May Mountain House, Summit Powder Mountain

Dear Mr. Thueson,

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.

1. The enclosed documents are in conformance with our interpretation of this code.
2. A completed "Fire Hazard Severity Form" has been provided.

Sincerely,



Brian MacKay-Lyons
M.Arch, FRAIC, RCA, (Hon.Int.) FAIA, FRIBA

**MacKay-Lyons
Sweetapple
Architects Limited**

2188 Gottingen Street
Halifax, Nova Scotia
Canada B3K 3B4
www.mlsarchitects.ca

t 902.429.1867
f 902.429.6276
info@mlsarchitects.ca



APPENDIX C FIRE HAZARD SEVERITY FORM

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

| | Points | | |
|--|-------------|--|------------|
| A. Subdivision Design | | C. Topography | |
| 1. Ingress/Egress | | Located on flat, base of hill, or setback at crest of hill | 1__ |
| Two or more primary roads | 1__ | On slope with 0-20% grade | 5 X |
| One road | 10 X | On slope with 21-30% grade | 10__ |
| One-lane road in, one-lane road out | 15__ | On slope with 31% grade or greater | 15__ |
| 2. Width of Primary Road | | At crest of hill with unmitigated vegetation below | 20__ |
| 20 feet or more | 1 X | | |
| Less than 20 feet | 5__ | | |
| 3. Accessibility | | D. Roofing Material | |
| Road grade 5% or less | 1__ | Class A Fire Rated | 1 X |
| Road grade 5-10% | 5 X | Class B Fire Rated | 5__ |
| Road grade greater than 10% | 10__ | Class C Fire Rated | 10__ |
| 4. Secondary Road Terminus | | Nonrated | 20__ |
| Loop roads, cul-de-sacs with an outside turning radius of 45 feet or greater | 1 X | E. Fire Protection—Water Source | |
| Cul-de-sac turnaround | 5__ | 500 GPM hydrant within 1,000 feet | 1 X |
| Dead-end roads 200 feet or less in length | 8__ | Hydrant farther than 1,000 feet or draft site | 5__ |
| Dead-end roads greater than 200 feet in length | 10__ | Water source 20 min. or less, round trip | 10__ |
| 5. Street Signs | | Water source farther than 20 min., and 45 min. or less, round trip | 15__ |
| Present but unapproved | 3 X | Water source farther than 45 min., round trip | 20__ |
| Not present | 5__ | | |
| B. Vegetation (IUWIC Definitions) | | F. Siding and Decking | |
| 1. Fuel Types | | Noncombustible siding/deck | 1__ |
| Surface | | Combustible siding/no deck | 5 X |
| Lawn/noncombustible | 1__ | Noncombustible siding/combustible deck | 10__ |
| Grass/short brush | 5 X | Combustible siding and deck | 15__ |
| Scattered dead/down woody material | 10__ | G. Utilities (gas and/or electric) | |
| Abundant dead/down woody material | 15__ | All underground utilities | 1 X |
| Overstory | | One underground, one aboveground | 3__ |
| Deciduous trees (except tall brush) | 3 X | All aboveground | 5__ |
| Mixed deciduous trees and tall brush | 10__ | | |
| Clumped/scattered conifers and/or tall brush | 15__ | | |
| Contiguous conifer and/or tall brush | 20__ | | |
| 2. Defensible Space | | Total for Subdivision | |
| 70% or more of lots completed | 1__ | Moderate Hazard | 50-75 |
| 30% to 70% of lots completed | 10 X | High Hazard | 76-100 |
| Less than 30% of lots completed | 20__ | Extreme Hazard | 101+ |

total: 51

50-75

