

McKelvey Residence, Summit Powder Mountain, Ridge Nest #5

APPENDIX C

FIRE HAZARD SEVERITY FORM

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

A. Subdivision Design	Points		C. Topography	
1. Ingress/Egress			Located on flat, base of hill, or setback at crest of hill	1 X
Two or more primary roads	1 ___		On slope with 0-20% grade	5 ___
One road	10 X		On slope with 21-30% grade	10 X
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 X		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 ___		E. Fire Protection—Water Source	
Cul-de-sac turnaround	5 X		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 ___		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 X
Surface			Combustible siding/no deck	5 ___
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 ___		All aboveground	5 ___
Mixed deciduous trees and tall brush	10 ___			
Clumped/scattered conifers and/or tall brush	15 X			
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 ___		High Hazard	76–100
Less than 30% of lots completed	20 X		Extreme Hazard	101+
				total: 66 80