



Park City Building Department

445 Marsac Avenue, P.O. Box 1480, Park City, UT 84060

Tel 435.615.5101 www.parkcity.org/departments/building-department

Wildland Urban Interface Guide

This guide is intended to help you navigate our Wildland Urban Interface Code requirements and includes suggested plantings list that are Wildland Urban Interface Code approved.

- It is not inclusive of the Wildland Urban Interface Code in Municipal Code [Section 11-21-1](#).
- It is the applicant's responsibility to comply with applicable codes for their project.
- See our [Wildland Urban Interface Code](#) page for frequently asked questions including voluntary maintenance info.
- Please contact the Building Department with any questions.

REQUIREMENTS

Home Hardening: purpose is to prevent fires caused by ember storms during a wildland fire or other fire emergency.

1. Roofs shall be kept free of pine needles, leaf litter, and all other debris.
2. Rain gutters shall be kept clear and clean of all debris.
3. Areas under decks or roof overhangs shall not be used for storage of any combustible materials.
4. Areas under decks shall be kept clean of all dead or dry vegetation and debris.
5. Vents shall be covered by metal screens with openings no larger than 1/8-inch mesh.
6. Eaves shall be boxed (ie. soffit) or made from non-combustible materials.
7. Fence components within the Immediate Ignition Zone must be made of non-combustible materials and/or the structure must be non-combustible at the connection point.
8. Windows shall be made of double or triple pane or tempered glass.
9. Roofs shall be covered with a Class A roof covering.
10. Wood shingle or wood shake roofing materials are prohibited.

Immediate Ignition Zone: 0-5ft from structure, and any overhang or deck attached to the structure.

1. All dead and dying vegetation must be removed from within 5ft of the structure.
2. All vegetation must be on the approved list. (attached)
3. All trees must be trimmed so as to be no closer than 10ft from an active wood burning chimney. Distance from natural gas direct vent shall follow manufacturer recommendations.

For questions about Wildland Urban Interface Code requirements for your project:

- If you have submitted a permit application, contact the Plan Check Coordinator assigned to your application.
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Intermediate Ignition Zone: 5–30ft from the structure.

1. All vegetation in this zone must be on the approved list. (attached)
2. All dead and dying vegetation must be removed.
3. Grasses must be kept to a maximum of 4-inches in height above ground.
4. Vegetation under trees shall be removed so as to preclude the laddering effect of a ground fire from spreading into the tree crown.
5. Trees taller than 10ft and less than 15ft must have all branches removed from within 4ft of the ground measured from the highest point of the ground below the canopy of the tree.
6. Trees taller than 15ft must have all branches removed from within 6ft of the ground measured from the highest point of the ground below the canopy of the tree.
7. Trees and shrubs must be clustered with the canopies of the clusters being no closer than 18ft to the next closest cluster.
8. No single tree cluster shall exceed five (5) trees or cover more than 15% of the Intermediate Ignition Zone, whichever is lesser.

Exception: Structures meeting Home Hardening items 1-4 and at least 3 of items labeled 5-9, are not required to meet Intermediate Ignition Zone items 5-8. Notwithstanding any exception, all landscaping in the Intermediate Ignition Zone must be such that a ground fire is not likely to spread into the tree canopy.

Extended Ignition Zone: 30–100ft from the structure.

1. All dead and dying vegetation must be removed.
2. Small conifers growing between trees may be removed in the context of clumping, clustering, and thinning.
3. Trees taller than 15ft must have all branches removed from within 6ft of the ground measured from the highest point of the ground below the canopy of the tree.
4. Trees and shrubs must be clustered with the canopies of the clusters being no closer than 12ft to the next closest cluster.
5. No single tree cluster shall exceed five (5) trees or cover more than 25% of the Extended Ignition Zone, whichever is lesser.

Exception: Structures meeting all of the items listed in the Home Hardening section, are not required to meet Extended Ignition Zone items 3-5. Notwithstanding any exception, all landscaping in the Extended Ignition Zone must be such that a ground fire is not likely to spread into the tree canopy.

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MAINTENANCE / ACCEPTANCE OF EXISTING PLANS

Intended to modify the fuel load in areas adjacent to structures to reduce the threat of wildfires.

Definitions:

Fuel Modification – Fuel modification distances shall not be less than 30ft or to the lot line whichever is less. These measurements shall be measured from the horizontal plane from the perimeter or projection of the structure. The allowed distance may be increased by the Fire Code Official because of the site-specific analysis based upon local conditions.

Responsible Party – Persons owning, leasing, controlling, operating, or maintaining buildings or structures requiring vegetation management are responsible for maintaining, modifying, or removing non-fire resistive vegetation on the property.

Maintenance – Non-fire resistive vegetation or growth shall be kept clear of buildings or structures, may include clumping, clustering, pruning, and thinning.

Maintenance:

1. Tree crowns extending to within 10ft of any structure shall be pruned to maintain a minimum horizontal clearance of 10ft. Tree crowns within the ignition zone shall be pruned to remove limbs located less than 6ft above the ground surface adjacent to the trees.
2. Portions of tree crowns that extend to within 10ft of the outlet of a chimney shall be pruned to maintain horizontal clearance of 10ft.
3. Dead wood and litter shall be regularly removed from trees.

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Trees

Amur Maple
Bigtooth Maple
Bolleana Poplar Burr Oak
Canada Red Chokecherry
Columnar Swedish Aspen
Common Hackberry
Crabapple
Downy Serviceberry
Kentucky Coffeetree
Lindon Trees
May Day Tree
Narrowleaf Cottonwood
Quaking Aspen
Rocky Mountain Maple
Saskatoon Serviceberry or
Juneberry
Sensation Boxelder
Sycamore Maple
Tatarian Maple
Thornless Hawthorn
Turkish Filbert
Western Catalpa

Shrubs

Adam's Needle
Alpine Current
Antelope Bitterbrush
False Spirea
Beauty Bush
Black Chokeberry
Blue Mist Spirea
Boulder Thimbleberry
Bridal Wreath Spirea
Bumald Spirea
Chenault Coralberry
Chokecherry
Cliff Jamesia
Cliff Rose
Clove Currant
Common Lilac (many
cultivars)
Common Snowberry
Compact Oregon Grape
Cranberry Cotoneaster
Crimson Pygmy Barberry
Curl-leaf Mountain
Mahogany
Yew
Diabolo Ninebark
Dwarf Korean Lilac
Dwarf Mountain
Mahogany
Dwarf Winged
Euonymous
Elderberry
Flowering Almond
Forsythia
Greenleaf Manzanita
Harriman's Yucca
Honeysuckle Species
Indian Currant Coralberry
Leatherleaf Viburnum
Lewis' Mockorange
Littleleaf Mockorange
Mentor Barberry, Red Leaf
Barberry, Rose Glow
Barberry

Mountain Lover
Mountain Mahogany
Mountain Snowberry
New Mexico Locust
Ninebark
Oregon Grape
Peking Cotoneaster
Purple Sand Cherry
Red Chokeberry
Rock Spray Spiraea
Saskatoon Serviceberry
Sea Buckthorn
Shrubby Cinquefoil
Siberian Pea Shrub
Silver Buffaloberry
Silver Sage
Spreading Cotoneaster
Tallhedge Buckthorn
Thinleaf Alder
Utah Serviceberry
Wayfaring Tree
Western Sand Cherry
Winged Euonymous
Woods Rose

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Perennials

Bearded Iris; German Iris
Bergenia, Saxifrage
Black Eyed Susan
Blanket Flower
Bloody Cranesbill
Blue Flax; Lewis' Flax
Bronze Evening Primrose
Butterfly Milkweed
Candytuft
Chocolate flower
Coral Bells
Creeping Phlox* Daylily
Desert Penstemon
Endress Cranesbill
Globemallow
Golden Columbine
Green Santolina
Hens And Chicks
Keys Of Heaven, Jupiter's
Beard, Red
Lady's Mantle
Leadplant
Licorice Hyssop
Mat Penstemon
Missouri Evening
Primrose
Mount Atlas Daisy
Orange Coneflower
Ozark Coneflower
Pale Evening Primrose
Palmer Penstemon Pasque
Flower
Pine-leaf Penstemon
Plume-flowered Salvia
Poppy Mallow; Prairie
Winecup
Prairie Coneflower,
Mexican Hat
Prairie Purple Coneflower
Red Hot Poker

Rocky Mountain
Columbine
Rocky Mountain
Penstemon
Sand Penstemon
Showy Stonecrop
Siberian Iris
Siskiyou Pink Mexican
Primrose
Sticky Geranium
Sweet Iris
Texas Mist Flower
Valerian
Western Columbine
Western Coneflower
Whipple's Penstemon

Turfgrasses and Ornamental Grasses

Blue Grama
Great Basin Rye
Indian Rice Grass
Little Bluestem
Sideoats Grama

Groundcovers

Clematis
Creeping Oregon Grape
Japanese Honeysuckle
Lily-Of-The-Valley
Rockspray Cotoneaster
Snow In Summer
Stonecrop
Sweet Woodruff

Annuals

Annual Coreopsis
Bachelor's Buttons
California Poppy
Coleus
Cosmos
Creeping Zinnia
Dusty Miller
Flanders Poppy Flowering
Kale and Cabbage
Forget-me-not
Garden Petunia
Garden Verbena
Gloriosa Daisy
Icelandic Poppy
Lobelia
Marigolds
Nasturtium
Pansy; Viola
Salvia; Flowering Sage
Snapdragon
Sweet Alyssum
Sweet Pea
Sweet William