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.
- Otherwise contact the Building Department at 435-615-5101 or in person at the Building Department counter in City Hall. Visit the Building Department website for more information about hours and location https://www.parkcity.org/departments/building-department

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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Park City Approved WUI Code Plantings

All plantings within 30 feet of the structure are required to come from this list.

Trees

Aspens – Columnar Swedish, Quaking
Burr Oak
Canada Red Chokecherry
Common Hackberry
Crabapples
Japanese Tree Lilac
Kentucky Coffeetree
Lindens
Maples – **Amur, Bigtooth, Rocky
      Mountain, Sycamore, Tatarian,**
      Emerald Queen, Norway
May Day Tree
Narrowleaf Cottonwood
Sensation Boxelder
**Serviceberry - Downy, Saskatoon or
      Juneberry**
Thornless Hawthorn
Turkish Filbert
Western Catalpa

Shrubs

Adam's Needle
Antelope Bitterbrush
Barberry - **Crimson Pygmy**, Roseglow
Beauty Bush
Boulder Thimbleberry
Buckthorn – Sea, Tallhedge
Chokeberry - Black & Red
Chokecherry
Cliff Jamesia
Cliff Rose
Common Snowberry
Coralberry – Chenault, Indian Currant
Cottoneaster – Peking, Cranberry,
      Spreading
Currant – Alpine, Squaw, **Clove**
      Elderberry
Euonymous - Dwarf Winged, Winged
Flowering Almond
Forsythia
Geranium, Sticky
Grape – Oregon, Compact Oregon

Greenleaf Manzanita
Harriman's Yucca
Honeysuckle
Leatherleaf Viburnum
Lilac - many common cultivars, Dwarf
      Korean
Mockorange - Lewis', **Littleleaf
      Mountain Lover**
Mahogany – **Mountain,** Curl-leaf
      Mountain, Dwarf Mountain
Mountain Snowberry
New Mexico Locust
Ninebark & Diabolo Ninebark
Pea Shrub – Pygmy, Siberian
Purple Sand Cherry
Serviceberry – Saskatoon or Juneberry
Shrubby Cinquefoil
Silver Buffaloberry
Silver Sage
Spirea – Ash Leaf False, **Blue Mist, Bridal
      Wreath, Bumald, Rock Spray**
Thinleaf Alder
Wayfaring Tree
Western Sand Cherry
Woods Rose
Yew

**Bolded varieties are also approved
Park City Water Wise Plantings.**

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Perennials

Bergenia/Saxifrage
Black Eyed Susan
Blanket Flower
Butterfly Milkweed
Candytuft
Chocolate Flower
**Columbine – Rocky Mtn, Golden,
        Western**
Coneflower- Orange, Ozark,
        Prairie/Mexican Hat, Prairie, **Purple,**
        Western
Coral Bells
Cranesbill – **Bloody,** Endress
Creeping Phlox
Daylily
Flax - **Blue**, Lewis
Globemallow
Green Santolina
Hen & Chicks
Iris – Siberian, Sweet, Bearded, German
Lady's Mantle
Leadplant
Licorice Hyssop
Mountain Atlas Daisy
Pasque Flower
**Penstemon - Palmer, Pine-leaf, Desert, Rocky
        Mtn, Sand, Mat, Poppy
        Mallow/Prairie Winecup,
        Whipple's**
Primrose - Bronze Evening, **Pale Evening,
        Siskiyou Pink Mexican, Missouri
        Evening Red**
Red Hot Poker
Salvia, Plume-flowered
Stonecrop/Sedum
Valerian

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Annuals

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

Grasses

Blue Grama/Sideoats
Great Basin Rye
Indian Rice Grass
Little Blue Stem

Ground Cover

Clematis
Creeping Oregon Grape
Japanese Honeysuckle
Lily of the Valley
Mountain Gold Alyssum
Rockspray Cottoneaster
Snow in Summer
Stonecrop
Sweet Woodruff