

RESOLUTION NO. 3848-0911

A RESOLUTION OF THE MAYOR AND COUNCIL OF THE CITY OF PRESCOTT, YAVAPAI COUNTY, ARIZONA, ADOPTING THOSE CERTAIN DOCUMENTS ENTITLED THE "2006 INTERNATIONAL WILDLAND-URBAN INTERFACE CODE," AS ADOPTED BY THE INTERNATIONAL CODE COUNCIL, INC., AND THAT CERTAIN DOUMENT ENTITLED "CITY OF PRESCOTT 2008 AMENDMENTS TO THE 2006 INTERNATIONAL WILDLAND-URBAN INTERFACE CODE" AS A PUBLIC RECORD, AND DIRECTING THE CITY CLERK TO RETAIN THREE COPIES THEREOF ON FILE

RECITALS:

WHEREAS, the City of Prescott wishes to adopt that certain document entitled the "2006 *International Wildland-Urban Interface Code*" as adopted by the International Code Council, Inc., as a public record, and

WHEREAS, the City of Prescott wishes to adopt that certain document entitled "*City of Prescott 2008 Amendments to the 2006 International Wildland-Urban Interface Code*", Exhibit A attached hereto and made a part hereof, as a public record.

ENACTMENTS:

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF PRESCOTT AS FOLLOWS:

Section 1. THAT certain document entitled the "2006 *International Wildland-Urban Interface Code*" as adopted by the International Code Council, Inc., is hereby declared to be a public record.

Section 2. THAT certain document entitled the "*City of Prescott 2008 Amendments to the 2006 International Wildland-Urban Interface Code*," Exhibit A attached hereto and made a part hereof, is hereby declared to be a public record.

Section 3. THAT the City Clerk is hereby directed to maintain three (3) copies of the above referenced public documents on file at all times for inspection by the public.

PASSED AND ADOPTED by the Mayor and Council of the City of Prescott this 23rd day of September, 2008.



JACK D. WILSON, Mayor

ATTEST:

APPROVED AS TO FORM:


ELIZABETH A. BURKE, City Clerk


GARY D. KIDD, City Attorney

EXHIBIT 'A'**CITY OF PRESCOTT 2008 AMENDMENTS TO THE
2006 INTERNATIONAL WILDLAND-URBAN INTERFACE CODE**

- (A) Section 101.1 entitled "Administration; General; Title" is hereby amended to read as follows:

"101.1 Title. These regulations shall be known as the Wildland-Urban Interface Code of the City of Prescott, hereinafter referred to as "this code"."

- (B) Section 101.2 entitled "Administration; General; Scope" is hereby amended to read as follows:

"101.2 Scope. The provisions of this Code shall apply to any new construction or the moving of any building, structures or premises into or within the Wildland-Urban interface areas of the City of Prescott. This area is designated on the City of Prescott Wildland-Urban Interface Vegetation Management Map as referenced in and as Appendix "B-1" of this Code.

Exceptions:

1. Remodeling or additions, including but not limited to, decks of existing buildings or structures are exempt.
2. Modular / manufactured buildings affixed on an individual lot are exempted from the construction requirements of this code but are required to comply with the vegetation requirements.
3. Any commercial, multi-family, townhouse, or triplex and larger resource, including but not limited to, buildings, structures, landscapes, streetscape features or sites may be exempted from this code if, it is determined by the Building Official or Community Development Director, and approved by the Fire Chief, that the exemption of said resource will not create an additional fire hazard in the immediate vicinity of the resource.
4. Any cultural resources, including but not limited to, buildings, structures, landscapes, streetscape features or sites may be exempted from this code if,
 - (a) it is listed in or officially determined eligible for, the National, State of Arizona or City of Prescott Register of Historic Places or is located within a Historic Preservation District and
 - (b) it is determined by the City of Prescott Historic Preservation Specialist or the Community Development Director, and approved by the Fire Chief, that the exemption of said resource will not

create an additional fire hazard in the immediate vicinity of the resource."

5. Any area designated by the City of Prescott to be riparian providing that the exemption of said resource will not create an additional fire hazard in the immediate vicinity of the resource.
- (C) The first paragraph of Section 101.3 entitled "Administration; General; Objective" is hereby amended to read as follows:
- "101.3 Objective.** The objective of this Code is to establish minimum regulations consistent with nationally recognized good practice for the safeguarding of life and property. Regulations in this Code are intended to mitigate the risk to life and structures from intrusion of fire from wildland fire exposures and fire exposures from adjacent structures and to mitigate structure fires from spreading to wildland fuels. A tiered level approach may be applied, commensurate with the relative level of hazard present, under special circumstances when approved by the Fire Code Official."
- (D) Section 105.2 entitled "Administration; Permits; Permits required" is hereby amended by deleting the third paragraph therein and the fourteen subsections thereunder, and to replace said paragraph with the following new paragraph, to read as follows:
- "105.2 Permits Required.** Permits are required in accordance with Sec. 105.6 of the International Fire Code."
- (E) Item 1 of Section 105.3 entitled "Administration; Permits; Work exempt from permit" is hereby amended to read as follows:
- "105.3 Work exempt from permit.**
1. One-story detached accessory buildings used as tool and storage sheds, playhouses and similar uses, provided the floor area does not exceed 200 square feet and the structure is located more than thirty (30) feet from the nearest adjacent structure."
- (F) Section 105.8 entitled "Administration; Permits; Expiration" is hereby amended to read as follows:
- "105.8 Expiration.** Every permit issued or extended by the code official under the provisions of this code shall expire as set forth in said permit."
- (G) Section 106.3 entitled "Administration; Plans and Specifications; Site Plan" is hereby amended by adding the following sentence at the end of said section:
- "Additional information may be required to be submitted on the site plan by the code official."

- (H) Section 106.4 entitled "Administration; Plans and Specifications; Vegetation Management Plans" is hereby amended to read as follows:

"106.4 Vegetation Management Plans. Vegetation management plans shall be prepared and shall be submitted to the code official for review and approval as part of the plans required for a permit. See Appendix B."

- (I) Section 202 entitled "Definitions; Definitions" is hereby amended by changing the definition of "Driveway", to read as follows:

DRIVEWAY. A vehicle ingress and egress route that serves no more than two buildings or structures, not including accessory structures, or more than two dwelling units.

- (J) Section 202 entitled "Definitions; Definitions" is hereby amended by adding the following definitions: "Aerial Fuel", "Forest Floor", "Heavy Timber Construction", "Ladder Fuel", and "Surface Fuel".

"AERIAL FUEL shall mean all live and dead vegetation in the forest canopy or above surface fuels, including but not limited to tree branches, twigs and cones, snags, and high brush.

FOREST FLOOR shall mean fresh and decomposing organic litter which forms the surface layer of a soil under forest vegetation

HEAVY TIMBER CONSTRUCTION (HT) as defined by the International Building Code is classified as Type IV construction. HT beams/girders shall be not less than 6 inch nominal in width and not less than 10 inch nominal in depth. Post/columns shall be not less than 8 inches nominal, in any dimension when supporting floor loads.

LADDER FUEL shall mean flammable materials occurring between surface fuels and aerial fuels which act as a ladder to facilitate the spread of a surface fire to tree crowns, or a crown fire down to the surface.

SURFACE FUEL shall mean loose surface litter on the soil surface to include grasses, shrubs and tree seedlings available to burn."

- (K) Section 302.1 entitled "Wildland-Urban Interface Areas; Wildland-Urban Interface Area Designations; Declaration" is hereby amended to read as follows:

"302.1 Declaration. The Prescott City Council hereby declares the Wildland-Urban interface area within the City limits as shown in Appendix B-1. The Wildland-Urban interface area is based on the findings of fact as follows:

The seasonal climatic conditions during the late spring and early summer create numerous serious difficulties regarding the control of and protection against fires in the City of Prescott.

Average Maximum temperatures of 88.9 degrees in July

Relative Humidity: 10 to 15% in May and June

28 days of extreme fire weather conditions from end of April through July

Live Fuel Moisture in Chaparral from 61.8% in April to 86.4% in August.
(Anything under 80% will burn)

Fuel moisture in 1000 hour fuels is 5%

Winds: 35 to 40 MPH

Numerous dry lightning strikes.

Prescott has predominately fuel model 4 (Chaparral) which is found in, or exposing, all of the "at risk neighborhoods". This includes Oak brush (scrub oak) and Manzanita.

Utilizing fuel model 4 scenarios as an example, the rate of spread could be 721' per minute. The flame lengths could be 57' high. Burning brands can spot ahead of the fire for a distance of 2.1 miles, and ignite additional fires. The fire could consume 5,641 acres in one hour and spread a distance of 8.1 miles. The perimeter of the fire would be 90,321 feet. This type of fire is uncontrollable by the on duty fire forces due to lack of staffing and lengthy response times. This fire could result in a major structural conflagration. The fire could spread across the Prescott Basin at the interface."

- (L) Section 302.2 entitled "Wildland-Urban Interface Areas; Wildland-Urban Interface Area Designations; Mapping" is hereby amended to read as follows:

"302.2 Mapping. The Wildland-Urban interface areas are defined as high-risk areas designated on the Prescott Urban Wildland Interface Vegetation Management Map as referenced in Appendix B-1."

- (M) Section 302.3 entitled "Wildland-Urban Interface Areas; Wildland-Urban Interface Area Designations; Review of Wildland-Urban Interface Areas" is hereby amended to read as follows:

"302.3 Review of Wildland-Urban Interface Areas. The Code official shall reevaluate and recommend modifications to the Wildland-Urban areas in accordance with Section 302.1 as frequently as deemed necessary by the Fire Chief or the City Council."

- (N) Section 402.1.2 entitled "Wildland-Urban Interface Area Requirements; Applicability; Subdivisions; Water supply" is hereby amended to read as follows:

"402.1.2 Water supply. New subdivisions and other residential developments as determined by this jurisdiction shall be provided with water supply in accordance with Section 404 and in accordance with the International Fire Code. Structures shall have a water hose bib installed to accommodate the use of a garden hose on the exterior of each side of all dwelling units."

- (O) Section 402.2.2 entitled " entitled "Wildland-Urban Interface Area Requirements; Applicability; Individual Structures; Water Supply" is hereby amended to read as follows:

"402.2.2 Water Supply. Individual structures hereafter constructed or relocated into or within Wildland-Urban interface areas shall be provided with a conforming water supply in accordance with Section 404, and in accordance with the International Fire Code. Structures shall have a water hose bib installed to accommodate the use of a garden hose on the exterior of each side of all dwelling units.

Exception: Buildings containing only private garages, carports, sheds and agricultural buildings with a floor area of not more than 600 square feet."

- (P) The second paragraph of Section 403.2 entitled "Wildland-Urban Interface Area Requirements; Access; Driveways" is hereby amended to read as follows:

"403.2 Driveways. A driveway shall not serve in excess of two dwelling units."

[The exception remains]

- (Q) Section 403.7 entitled "Wildland-Urban Interface Area Requirements; Access; Grade" is hereby amended to read as follows:

"403.7 Grade. When a grade is approved in excess of 12% on a fire department vehicle access roadway, fire sprinkler protection is required to be installed in accordance with Section 903 of the fire code. Any grades of 12% or greater shall not be permitted without the approval of the City Council."

- (R) Exceptions 1 and 2 to Section 501.1 entitled "Special Building Construction Regulations; General; Scope" are hereby amended to read as follows:

"Exceptions:

1. Accessory structures not exceeding 200 SQ. FT. (18.58 m2) in floor area when located at least 30 feet from buildings containing habitable spaces.
2. Agricultural buildings at least 30 feet from buildings containing habitable spaces."

- (S) Section 502.2 entitled "Special Building Construction Regulations; Fire Hazard Severity; Fire hazard severity reduction" is hereby amended to read as follows:

"502.2 Fire hazard severity reduction. The application of this section may be used only when approved by the Code Official. When the Code Official has determined that special circumstances exist and all other alternatives have been exhausted, the Code Official may consider the application of this section as an alternative to comply with the intent of the code. The fire hazard severity of building sites for all buildings hereafter constructed, modified or relocated into Wildland-Urban Interface areas shall be established in accordance with Table 502.1. See also Appendix C."

- (T) Section 503.1 entitled "Special Building Construction Regulations; Ignition-Resistant Construction; General" is hereby amended to read as follows:

"Section 503.1 General. Building and structures hereafter constructed, modified or relocated into or within Wildland-Urban Interface areas shall meet the construction requirements in accordance with Section 504.

Table 503.1 entitled "Ignition-Resistant Construction", may be applied when approved to do so by the Code Official, and shall be in accordance with Sections 505 and 506."

- (U) Section 504.2 entitled "Special Building Construction Regulations; Ignition-Resistant Construction; Roof Covering" is hereby amended by adding an exception to read as follows:

"Exception: Santa Fe style flat roofs"

- (V) Section 504.3 entitled "Special Building Construction Regulations; Ignition-Resistant Construction; Protection of Eaves" is hereby amended by adding a new paragraph at the end thereof, to read as follows:

"Soffits may be protected by use of 5/8-inch re-sawn plywood or an equivalent. Open eaves are allowed when constructed of heavy timber."

- (W) Section 504.5 entitled "Special Building Construction Regulations; Ignition-Resistant Construction; Exterior Walls" is hereby amended by adding two new paragraphs at the end thereof, to read as follows:

"Exterior walls constructed of ignition resistant materials such as cement plaster (vener one-coat stucco), fiber cement board or other masonry products, as approved by the code official, are allowed and acceptable.

Where wood siding of any type is used, there shall be required a ten (10) foot clearing of all vegetation and a ten (10) foot minimum setback to all property lines."

- (X) Section 504.7 entitled "Special Building Construction Regulations; Ignition-Resistant Construction; Appendages and Projections" is hereby amended to read as follows:

"504.7 Appendages and Projections. Unenclosed accessory structures attached to buildings with habitable spaces and projections, such as decks, the structural support members (post, beams), of said structures and other appendages, shall be a minimum of one-hour-rated fire-resistive construction, heavy timber construction, in accordance with the International Building Code (IBC), or constructed of approved noncombustible materials. Any under floor space 24 inches or less from the bottom of a floor joist to the ground shall be required to be a patio with a stem wall and a solid floor constructed of noncombustible material."

- (Y) Section 504.8 entitled "Special Building Construction Regulations; Ignition-Resistant Construction; Exterior Glazing" is hereby amended to read as follows:

"504.8 Exterior Glazing. Exterior windows, window walls, glazed panels and glazed doors must have a 20-minute fire rating or adhere to the following criteria: Glass must be of double pane or laminate construction. Single pane materials are prohibited. Acrylic block windows are prohibited. Skylights must be constructed of insulated tempered or heat strengthened laminate glass. Solar tube sky lights must have a maximum exposed plastic lens no larger than sixteen (16) inches in diameter and be used in conjunction with a class "A" roof.

Vinyl frame window assemblies are acceptable and must comply with the following:

1. Frame and sash are comprised of vinyl material with welded corners, and
2. Metal reinforcement in the interlock area, and
3. Frame and sash profiles are certified in American Architectural Manufacturers Association (AAMA) Lineal Certification Program (verified with either an AAMA product label or Certified Products Directory) and
4. Certified and labeled to ANSI / AAMA / NWWDA 101/I.S.2-97 for structural requirements, and
5. Glazed with insulating glass, annealed or tempered glass."

- (Z) Section 504.9 entitled "Special Building Construction Regulations; Ignition-Resistant Construction; Exterior Doors" is hereby amended to read as follows:

"504.9 Exterior Doors. Exterior doors shall be solid-core wood not less than 1 3/4-inches (45mm) thick, or doors shall have a minimum 20-minute fire rating or comply with the following criteria: Doors to have a minimum 1 3/4-inch (45 mm) thick stile and rail. Wood doors to have a minimum panel thickness of 3/4-inch measured at center of panel. Alternate door materials include 1/16-inch or larger fiberglass composite or Masonite skin when used with a laminate, hardwood, or

composite interior perimeter core and a 1 ¾-inch stile and rail. Metal doors must have a minimum 26-gauge skin.

Doors with glass within the door must have minimum double glazed tempered or tempered laminate glass bound in fiberglass, composite or wood frame and have a minimum stile and rail thickness of 1 ¾-inches. Windows within doors and glazed doors shall be in accordance with requirements of section 504.8.

Exception: Vehicle Access Doors."

- (AA) Section 504.10 entitled "Special Building Construction Regulations; Ignition-Resistant Construction; Vents" is hereby amended to read as follows:

"504.10 Vents. Attic ventilation openings, foundation or under-floor vents, or other ventilation openings in vertical exterior walls and vents through roofs shall be covered (inside or outside) with noncombustible, corrosion-resistant mesh with openings not to exceed 1/8 inch (3.2mm).

Attic ventilation openings in soffits, eave overhangs, between rafters at eaves or in other overhang areas shall be allowed. These vent openings are required to be located as close to the fascia as is possible. Such ventilation openings shall be covered (inside or outside) with a noncombustible, corrosion resistant mesh with openings not to exceed 1/8 inch (3.2mm)."

- (BB) Section 504.11 entitled "Special Building Construction Regulations; Ignition-Resistant Construction; Detached accessory structures" is hereby amended to read as follows:

"504.11 Detached accessory structures. Detached accessory structures located less than thirty (30) feet from a building containing habitable space shall have exterior walls constructed with materials approved for a minimum of one-hour-rated fire-resistive construction, heavy timber, log wall construction, or constructed with approved noncombustible materials on the exterior side.

The area below the structure shall have all under-floor areas enclosed with exterior wall construction in accordance with Section 504.5 or under-floor protection in accordance with Section 504.6.

See Section 504.2 for roof requirements."

- (CC) Section 602 entitled "Fire Protection Requirements; Automatic Fire Sprinkler Systems" is hereby amended to read as follows:

**"SECTION 602
AUTOMATIC FIRE SPRINKLER SYSTEMS**

602.1 General. An approved automatic fire sprinkler system shall be installed in all occupancies in new buildings as required by the fire and building codes. The

installation of the automatic fire sprinkler systems shall be in accordance with nationally recognized standards."

- (DD) The first paragraph of Section 603.2 entitled "Fire Protection Requirements; Fuel Modification" is hereby amended to read as follows:

"603.2 Fuel Modification. In order to qualify as a conforming defensible space for the purpose of Table 503.1, fuel modification shall be provided within a distance from buildings or structures as specified in Table 603.2. For all other purposes, the fuel modification distance shall not be less than 30 feet (9144 mm) or to the property line, whichever is less. Fuel modification shall be in accordance with Appendix B and subject to erosion control treatments of the disturbed soils or sloped areas. Distances specified in Table 603.2 shall be measured along the grade from the perimeter or projection of the building or structure as shown in Figure 603.2."

- (EE) Appendix "A" Section A102 entitled "General Requirements; Vegetation Control; Table A102.3.3.2 titled "Minimum Clearances Between Vegetation and Electrical Lines At Time of Trimming" is hereby amended as follows:

**Table A102.3.3.2
Minimum Clearances Between Vegetation
And Electrical Lines**

Line Voltage	Minimum Radial Clearance From Conductor (feet)
2,400 – 72,000	16
72,001 – 300,000	30
300,001 or more	50

- (FF) Appendix "A" Section A102.3.3 entitled "General Requirements; Vegetation Control; Clearance of brush and vegetative growth from electrical transmission and distribution lines; Electrical distribution and transmission line clearances is hereby amended by deleting both Section A102.3.3.3 and Table A102.3.3.3

- (GG) Section A106.1 of Appendix "A" entitled "General Requirements; Dumping; Waste Material" is hereby amended by adding the following additional exception thereto:

"Exceptions:

- 2. Items removed from the forest floor in compliance with this Code may be composted to a safer fire resistive level with the intent to redistribute to the forest floor to maintain forest health. Compost piles must be a minimum of 10 feet from all native fuels and structures."

- (HH) Appendix B entitled "Vegetation Management Plan" is hereby amended by adding new paragraphs at the beginning thereof, to read as follows:

**APPENDIX B
VEGETATION MANAGEMENT PLAN**

The purpose for creating a defensible space around buildings or structures is to reduce the threat of fire spread by changing the characteristics of vegetation in a safe, yet aesthetic and pleasing manner. To reduce an Wildland-Urban interface area hazard, a vegetation management plan shall be established. The plan shall be used for controlling, changing, or modifying wildland areas for safety from wildfires to the benefit of the users, surrounding community and wild-lands.

A vegetation management plan reduces the amount of fuel available for wildfire and reduces the probability of a rapidly spreading wildfire. Elements of the plan include removal of slash, snags, other ground fuels, ladder fuels, dead trees, and the thinning of live trees. The vegetation fuel modifications shall be completed (within thirty (30) feet of the house or to the property line, whichever is less) prior to the vertical construction. The vegetation fuel modification beyond thirty (30) feet of the house and up to one hundred fifty (150) feet of the house or the property line, whichever is less, shall be completed prior to the issuance of the Certificate of Occupancy.

Any re-vegetation shall be subject to the inspection and approval of the code official upon its completion.

Tree density shall be determined as outlined in Appendix B-2 "Procedure For Determining Tree Density" of this code.

- (II) Appendix B entitled "Vegetation Management Plan" is hereby further amended by adding a section at the end thereof to read as follows:

"B101.4 Defensible space practices. Defensible space practices include:

Decreasing the amount of flammable vegetation

Increasing the amount of space between plants and/or groups of plants.

Increasing the moisture content of vegetation

Planting less flammable plants

Rearranging existing plants

Reducing trees to a maximum of 80 healthy trees per acre, with under-story pruned and maintained.

Removing all combustible materials and vegetation from under decks

Continuing maintenance of the area

Where required, open space or common areas shall be maintained to meet the defensible space requirements by the homeowners association and/or owner of the property.

When, in the professional opinion of the code official, particular vegetation does not constitute a fire danger (including but not limited to cases of natural groupings), the code official may grant exceptions to the requirements as set forth in the Defensible Space Requirements.

A three-zone approach should be applied to accomplish the defensible space requirements of this code as outlined below.

Zone 1. 0 feet to 10 feet from buildings, structures, decks, etc.

1. Remove all indigenous ladder fuels by trimming back, pruning up or removing vegetation from under trees. Distance to the lowest tree branches should be a minimum of 3 times the brush height.
2. Thin indigenous shrubs, leaving only the best specimens. Those remaining specimens should be opened up by pruning and by removal of dead and weak material.
3. Groupings of vegetation both indigenous and non-indigenous are allowed in zone 1 providing that a clear space is maintained. No non-fire resistive vegetation is allowed that creates a ladder fuel condition to structures or indigenous trees.
4. The lineal measurement of said clear space must be equal to or greater than 10% of the total square footage of the said grouping. Clear space need not exceed 10 lateral feet. Groupings over 150 square feet are not allowed in zone 1.
5. Fire resistive plants are highly encouraged in this zone. Zone 1 may not be comprised of more than 20% non fire resistive vegetation.
6. All introduced ornamentals must be hydrated by an approved automatic irrigation system.
7. Coniferous evergreen trees that cannot be limbed above the roof line may not have non-fire resistive vegetation under or within 10 lateral feet of their canopy.

8. Remove all combustible materials and vegetation from under decks. No indigenous brush or grasses shall be within 3 feet of buildings, structures and decks.
9. The maximum tree density shall not exceed the limits as established in Appendix B-2.
10. Defensible space shall be maintained at least annually.

Zone 2. 10 feet to 30 feet from buildings, structures, decks, etc.

1. Remove all indigenous ladder fuels by trimming back, pruning up or removing vegetation from under trees. Distance to the lowest tree branches should be a minimum of 3 times the brush height.
2. The maximum tree density shall not exceed the limits as established in Appendix B-2.
3. Groupings of vegetation both indigenous and non-indigenous are allowed in zone 2 providing that a clear space is maintained.
4. The lineal measurement of clear space must be equal to or greater than 10% of the total square footage of the grouping. For groups under 200 square feet the open space need not exceed 15 feet. For groupings 201-300 square feet the open space need not exceed 20 feet. Groupings over 300 square feet must meet the 10% rule.
5. All introduced ornamentals must be hydrated on an approved automatic irrigation system.
6. Coniferous evergreen trees that cannot be limbed above 6 feet may not have non-fire resistive vegetation under or within 10 lateral feet of their canopy.
7. Reduce continuity of indigenous fuels by removing dead materials and removing/thinning so a person can walk between them.
8. Emphasis is placed on slopes greater than 20% gradient, in which case, additional vegetation treatment may be required. (Example: Zone 2 treatment may be required to extend out an additional 100 feet to a total of 130 feet from the structure.) Control erosion and sedimentation from exposed soils through terracing, gravel beds, rocked and appropriate irrigated ground covers.

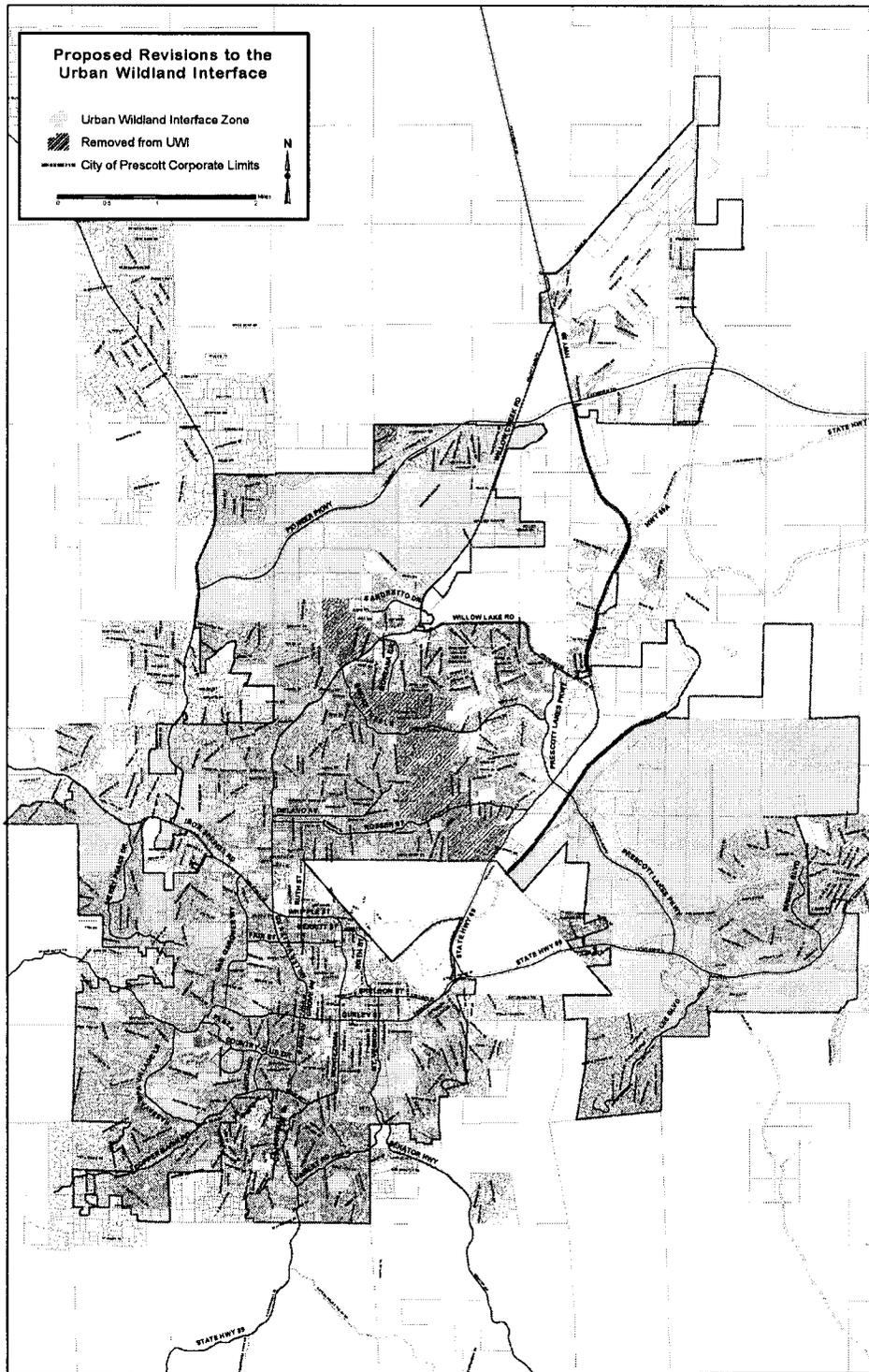
9. Remove all but one (1) inch of the last-season pine needle or leaf droppings. It is important to leave one (1) inch of the new and all of the decomposing layers of needles and leaf droppings to build healthy soil.
10. Defensible space shall be maintained at least annually.

Zone 3. 30 feet to 150 feet from buildings, structures, decks, etc. where no slopes exist.

1. Remove all indigenous ladder fuels and dead materials by trimming back, pruning up or removing vegetation from under trees. Distance to the lowest tree branches should be a minimum of 3 times the brush/shrub height.
 2. Defensible space shall be maintained at least annually.
 3. All introduced ornamentals must be hydrated by an approved automatic irrigation system.
 4. The maximum tree density shall not exceed the limits as established in Appendix B-2.
- (JJ) The International Urban-Wildland Interface Code is hereby amended by adding an Appendix "B-1" thereto, entitled "City of Prescott Urban-Wildland Interface Vegetation Management Map", to read as follows:

APPENDIX B-1

CITY OF PRESCOTT WILDLAND-URBAN
INTERFACE VEGETATION MANAGEMENT MAP



- (KK) The International Urban-Wildland Interface Code is hereby amended by adding an Appendix "B-2" entitled "Procedure For Determining Tree Density" to read as follows:

Appendix B-2

PROCEDURE FOR DETERMINING TREE DENSITY

Purpose: to reduce the potential for wildfire threat, drought damage and attack by insects by way of lowering stand density through mechanical thinning; to increase the health and beauty of forested areas

As there are 43,560 square feet in an acre, there would be one tree allowance for every **545** square feet. This does not mean that the trees must be arranged with equal separation. They may be clustered in any arrangement but cannot exceed the total allowance. In essence, a lot .25 acres in size will be allowed to have a maximum of twenty (20) trees. These trees may be of varying diameters and may be arranged in any order.

Exception: Indigenous tree(s) under six (6) feet in height shall not be counted but treated like shrubs according to restrictions of other indigenous shrubs in the relevant zone.

Where non fire-resistive construction materials are used for exterior walls, the tree density provision stated above does not apply and there shall be required a ten (10) foot clearing of all vegetation.

Exception: Designated historic or specimen trees are allowed to remain. This allowance is made regardless of the trees' proximity to structures or the roofline, provided the trees conform to the following:

- A. Trees are estimated to be a minimum of twenty (20) years old or have at least a six (6) inch caliper and,
- B. Trees do not have any ladder fuel within ten (10) lateral feet of their canopy and,
- C. Trees must be irrigated on an approved automatic irrigation system and,
- D. Only one (1) tree is allowed in every thirty (30) feet of lateral distance between canopies.

- (LL) The International Urban-Wildland Interface Code is hereby amended by adding an Appendix "B-3" entitled "Characteristics of Fire-Resistive Vegetation" to read as follows:

Appendix B-3

CHARACTERISTICS OF FIRE-RESISTIVE VEGETATION

All plants will burn under extreme fire weather conditions such as drought. However, plants burn at different intensities and rates of consumption. Fire-resistive plants burn at a relatively low intensity, slow rates of spread and with short flame lengths. The following are characteristics of fire-resistive vegetation:

1. Growth with little or no accumulation of dead vegetation (either on the ground or standing upright).
2. Non-resinous plants
3. Low volume of total vegetation (e.g., grassy area as opposed to a forest or shrub-covered land).
4. Plants with high live fuel moisture (plants that contain a large amount of water in comparison to their dry weight).
5. Drought tolerant plants (deeply rooted plants with thick, heavy leaves).
6. Plants requiring little maintenance (slow-growing plants that, when maintained, require little care).
7. Plants with woody stems and branches that require prolonged heating to ignite."