Chapter 1 Scope and administration. REVISE chapter by DELETING Part 2-Administration and enforcement. (Deleted sections are administered by 2018 IBC, Chapter 1).

Section 101.1 Title. Insert:[name of jurisdiction] as “Pima County, AZ”.

Section 101.2 Scope. REVISE section by DELETING the first paragraph and REPLACING with the following:
This code shall apply only to areas designated rural forest village under the Pima County Comprehensive Plan and areas encircled thereby.

Section 402.1.1 Access. REVISE section by DELETING the word: “new” and capitalize the “s” in subdivision.

Section 403.2 Driveways. REVISE section by DELETING “of the first story” in the first sentence.

Section 403.3 Fire apparatus access road. REVISE section by DELETING the first two words of the first sentence “When required“ and capitalize the “f” in fire. ADD the following to the end of the paragraph: Exception: access roads as approved by the fire districts.

Section 501.1 Scope. REVISE section by REPLACING occurrences of “50 feet” with “10 feet” and REPLACING “120 square feet” with “200 square feet”.

Section 602.1 General. REVISE section by DELETING text and REPLACING with the following: Automatic sprinkler systems as required by fire district having jurisdiction.

Section 604.1 General. REVISE section by ADDING the following second sentence: “Defensible space maintenance shall be enforced by the fire district.”

Adopt Appendix C Fire hazard severity form, content of which to be approved by the fire district prior to acceptance for review.
GRAPHIC COMPANION
FOR THE 2018
INTERNATIONAL WILDLAND URBAN INTERFACE CODE
FOR
PIMA COUNTY ARIZONA

2018 WILDLAND URBAN INTERFACE CODE
The various details provided are by no means the only ones that will be permitted by this code and are provided to convey the concepts in the code. Also your site may have unique problems, provisions have been made to modify these requirements on a case by case basis.

1. FIRE APPARATUS ACCESS ROAD
2. DRIVEWAYS
3. DRIVE TURNAROUND AND TURNOUT
4. WATER SUPPLY
5. DEFENSIBLE SPACE
6. WALL SECTION 1
7. WALL SECTION 2
8. WALL SECTION 3
9. CONSTRUCTION MATERIALS
10. OPENING ELEVATION
11. ROOF SOFFIT OVERHANG DETAILS
12. EXPOSED ROOF OVERHANG
13. HEAVY TIMBER CONSTRUCTION
14. PORCH DECKS
REQUIREMENTS
1. 20' MINIMUM WIDTH
2. 13'-6" HEIGHT CLEARANCE
3. ALL WEATHER ACCESS (PAVED) OR AS DETERMINED BY CODE OFFICIAL
4. 12% MAXIMUM GRADE
5. NO DEADENDS GREATER THAN 150 FEET WITH OUT TURNAROUND
   IFC EXCEPTION (503) CAN BE INCREASED
   A. BUILDING FIRE SPRINKLERED
   B. ALTERNATE MEANS PROVIDED WHEN INFEASIBLE
   C. NOT MORE THAN 2 R-3 OR U OCCUPANCIES
6. TURNING RADIUS AS DETERMINED BY CODE OFFICIAL
7. STREET IDENTIFICATION
8. PREMISE IDENTIFICATION

FIRE APPARATUS ACCESS ROAD

NTS
REQUIREMENTS
1. 12' MINIMUM WIDTH
2. 13'-6" HEIGHT CLEARANCE
3. ALL WEATHER ACCESS AS DETERMINED BY CODE OFFICIAL
4. MAXIMUM GRADE PERMITTED AS DETERMINED BY CODE OFFICIAL
5. NO DEADENDS GREATER THAN 150 FEET WITHOUT TURNAROUND
6. NO DEADENDS GREATER THAN 200 FEET WITHOUT TURNOUT IN ADDITION TO TURNAROUND
7. TURNING RADIUS AS DETERMINED BY CODE OFFICIAL
8. CAN NOT SERVE MORE THAN 3 RESIDENCES
9. VEHICLE LOAD LIMITS POSTED FOR BRIDGES TO DRIVEWAYS AND PRIVATE ROADS

DRIVEWAYS
DRIVE TURNAROUND AND TURNOUT

NTS
REQUIREMENTS
1. WATERSOURCE WITHIN 1000 FEET FROM BUILDING
2. ADEQUATE WATER SUPPLY
   a. 1-2 FAMILY DWELLINGS
      <3600 S.F. 1000 GALLON PER MINUTE FOR 30 MINUTES
      >3600 S.F. 1500 GALLONS PER MINUTE FOR 30 MINUTES
      FLOW RATE CAN BE REDUCED 50% WITH APPROVED AUTOMATIC
      FIRE SPRINKLERS AND APPROVAL BY CODE OFFICIAL.
   b. OTHER
      1500 GALLONS PER MINUTE FOR 2 HOURS
      FLOW RATE CAN BE REDUCED 75% WITH APPROVED AUTOMATIC
      FIRE SPRINKLERS AND MINIMUM 1500 GPM AND APPROVAL OF
      CODE OFFICIAL

WATER SUPPLY

2018 WILDLAND URBAN INTERFACE CODE
DEFENSIBLE SPACE

1. 15 FOOT MINIMUM DEFENSIBLE SPACE OR DISTANCE TO PROPERTY LINE
2. DEFENSIBLE SPACE FOR USE IN TABLE 503.1 MUST MEET MINIMUM DISTANCES IN TABLE 603.2
3. ANY OF THESE REQUIREMENTS CAN BE MODIFIED BY THE FIRE DISTRICT

TABLE 603.2
REQUERED DEFENSIBLE SPACE

<table>
<thead>
<tr>
<th>UWI AREA</th>
<th>FUEL MODIFICATION DISTANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>MODERATE</td>
<td>30'</td>
</tr>
<tr>
<td>HIGH</td>
<td>50'</td>
</tr>
<tr>
<td>EXTREME</td>
<td>100'</td>
</tr>
</tbody>
</table>

2018 WILDLAND URBAN INTERFACE CODE
CLASS A ROOFING

1 HR SOFFIT

1 HR RATED CONSTRUCTION ON EXTERIOR SIDE OF WALL FROM FOUNDATION TO ROOF DECK

NO EAVE VENTS PERMITTED

NON COMBUSTIBLE GUTTERS

2X FASCIA

EXTERIOR WINDOWS/SKYLIGHTS MULTILAYERED GLASS PANELS OR GLASS BLOCK

EXTERIOR DOORS 1 3/4" SOLID CORE OR 20 MIN. RATED VEHICLE ACCESS DOORS EXCEPTED

INSULATION TO COMPLETELY FILL JOIST SPACE

2X DECK AND RAILING MATERIAL

HEAVY TIMBER CONSTRUCTION SEE SHEET 14

WALL SECTION 1 CLASS I IGNITION RESISTANT CONSTRUCTION

NOT REQUIRED FOR MODERATE HAZARD PER FIRE SAFETY FORM

2018 WILDLAND URBAN INTERFACE CODE
**CLASS A ROOFING**

1 HR UNDERSIDE OF ROOF DECK

1 HR RATED CONSTRUCTION ON EXTERIOR SIDE OF WALL FROM FLOOR TO ROOF DECK

2X FASCIA

2X FRAMING

NO EAVE OVERHANG VENTS PERMITTED

NON COMBUSTIBLE GUTTERS

2X FRAMING

EXTerior Doors
1 3/4" SOLID CORE OR 20 MIN. RATED VEHICLE ACCESS DOORS EXCEPTED

EXTerior Windows/Skylights
TEMPered Glass or MULTILAYERED Glass PANELS or GLASS BLOCK or 20 MINUTE RATED

NOT REQUIRED FOR MODERATE HAZARD PER FIRE SAFETY FORM

1 HR RATED OR HEAVY TIMBER CONSTRUCTION

WALL SECTION 2 CLASS I IGNITION RESISTANT CONSTRUCTION

NTS
CLASS A ROOFING

1 HR SOFFIT

1 HR RATED CONSTRUCTION ON EXTERIOR SIDE OF WALL FROM FOUNDATION TO DECK

NO EAVE VENTS PERMITTED

NON COMBUSTIBLE GUTTERS

2X FASCIA

EXTERIOR DOORS
1 3/4" SOLID CORE OR 20 MIN. RATED VEHICLE ACCESS DOORS EXCEPTED

EXTERIOR WINDOWS/SKYLIGHTS
MULTILAYERED GLASS PANELS OR GLASS BLOCK

INSULATION TO COMPLETELY FILL JOIST SPACE

2X DECK AND RAILING MATERIAL

NOT REQUIRED FOR MODERATE HAZARD PER FIRE SAFETY FORM

WALL SECTION 3 CLASS I IGNITION RESISTANT CONSTRUCTION

2018 WILDLAND URBAN INTERFACE CODE
## CLASS A ROOFING

<table>
<thead>
<tr>
<th>PERMITTED IN CODE WITHOUT ADDITIONAL DOCUMENTATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>(WITH FIRESTOPPED EAVE)</td>
</tr>
<tr>
<td>SLATE</td>
</tr>
<tr>
<td>CLAY OR CONCRETE ROOF TILES</td>
</tr>
<tr>
<td>EXPOSED CONCRETE DECK</td>
</tr>
<tr>
<td>FERROUS OR COPPER SHINGLES OR SHEETS</td>
</tr>
<tr>
<td>APPROVED WITH ADDITIONAL DOCUMENTATION</td>
</tr>
<tr>
<td>ASPHALT/ FIBERGLASS SHINGLES</td>
</tr>
<tr>
<td>3 PLY B.U. ROOF/MEMBRANE ROOFING</td>
</tr>
</tbody>
</table>

## 1 HOUR EXTERIOR WALL

<table>
<thead>
<tr>
<th>PERMITTED IN CODE WITHOUT ADDITIONAL DOCUMENTATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/8&quot; TYPE 'X' GYPSUM SHEATHING, EXTERIOR CLADDING TO BE ATTACHED THROUGH SHEATHING TO STUDS</td>
</tr>
<tr>
<td>7/8&quot; 3 COAT CEMENT STUCCO</td>
</tr>
<tr>
<td>HEAVY TIMBER CONSTRUCTION (6X6 OR LARGER) OR LOG WALL CONSTRUCTION</td>
</tr>
</tbody>
</table>

## 1 HOUR FLOOR

<table>
<thead>
<tr>
<th>PERMITTED IN CODE WITHOUT ADDITIONAL DOCUMENTATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/8&quot; TYPE 'X' GYPSUM SHEATHING EXTERIOR CLADDING TO BE ATTACHED THROUGH SHEATHING TO JOISTS</td>
</tr>
<tr>
<td>7/8&quot; 3 COAT CEMENT STUCCO</td>
</tr>
<tr>
<td>HEAVY TIMBER CONSTRUCTION</td>
</tr>
<tr>
<td>6X6 OR LARGER COLUMNS</td>
</tr>
<tr>
<td>6X10 OR LARGER BEAMS</td>
</tr>
<tr>
<td>3X10 OR LARGER JOISTS</td>
</tr>
</tbody>
</table>

## CONSTRUCTION MATERIALS
DUAL PANE TEMPERED GLASS
METAL OR 1 3/4" WOOD FRAME OR 20 MIN LABEL
DUAL PANE GLASS
DUAL PANE TEMPERED GLASS

GARAGE DOORS NOT REQUIRED TO BE RATED

CLASS I & CLASS 2 IGNITION RESISTANT CONSTRUCTION
EXTREME & HIGH HAZARD PER FIRE SEVERITY FORM

OPENING ELEVATION

NTS

2018 WILDLAND URBAN INTERFACE CODE 10
ANY ROOF COVERING WHICH ALLOWS A SPACE BETWEEN THE ROOF COVERING AND ROOF DECK SHALL BE FIRESTOPPED.

CLASS A ROOF

WOOD SIDING ON 5/8" TYPE 'X' GYP. SHEATHING.

ROOF OVERHANG WITH SOFFIT

ANY ROOF COVERING WHICH ALLOWS A SPACE BETWEEN THE ROOF COVERING AND ROOF DECK SHALL BE FIRESTOPPED.

CLASS A ROOFING

5/8" APA SHEATHING

5/8" TYPE X GYPSUM SHEATHING

2X FASCIA

WOOD SIDING

WOOD SIDING ON 5/8" TYPE 'X' GYPSUM SHEATHING

NOT REQUIRED FOR MODERATE HAZARD PER FIRE SAFETY FORM

ROOF OVERHANG WITH SOFFIT
5/8" APA RATED SHEATHING

ANY ROOF COVERING WHICH ALLOWS A SPACE BETWEEN THE ROOF COVERING AND ROOF DECK SHALL BE FIRESTOPPED.

5/8" FIRETREATED APA RATED SHEATHING

2X FASCIA

WOOD SIDING ON 5/8" TYPE 'X' GYPSUM SHEATHING

EXPOSED ROOF OVERHANG

ANTS

ANY ROOF COVERING WHICH ALLOWS A SPACE BETWEEN THE ROOF COVERING AND ROOF DECK SHALL BE FIRESTOPPED.

CLASS A ROOFING

2X DECKING

NOT REQUIRED FOR MODERATE HAZARD PER FIRE SAFETY FORM

2X FASCIA

WOOD SIDING ON 5/8" TYPE 'X' GYPSUM SHEATHING

2X EXPOSED DECKING

ANTS
HEAVY TIMBER CONSTRUCTION FOR CLASS 1 & 2

3x LEDGER
3x 10 MIN FLOOR JOIST

6x10 BEAMS MIN.
6x6 COLUMNS MIN.

5 1/2" MIN

2x6 DECKING MIN

6x6 COLUMNS MIN.
6x10 BEAMS MIN.

3/8" MAX GAP

1 1/2"

3x6 MIN ROOF JOISTS

2x DECKING OR 5/8" FIRERATED APA SHEATHING

6x6 COLUMNS MIN.

CONC FOUNDATION

THIS IS AN ALTERNATIVE TO THE IBC HEAVY TIMBER CONSTRUCTION.
ALL WOOD MUST BE A MINIMUM OF 24" ABOVE FINISH GRADE TO USE THIS ALTERNATIVE

NOT REQUIRED FOR MODERATE HAZARD PER FIRE SAFETY FORM

2018 WILDLAND URBAN INTERFACE CODE 13
2x DECKING

WATERPROOF MEMBRANE. DESIGNER IS RESPONSIBLE FOR THE INTEGRITY AND DETAILING OF THIS SYSTEM

CONCRETE

PLYWOOD

1 HR. WRAP:
3 COAT STUCCO OR 5/8" TYPE X SHEATHING W/ SIDING

1HR. WRAP FLOORING

NTS

2x DECKING

SIDING

5/8" TYPE 'X' GYPSUM SHEATHING

FOUNDATION

NOT REQUIRED FOR MODERATE HAZARD PER FIRE SAFETY FORM

2x DECKING W/ SIDING