

PLANNING COMMISSION

City of Holladay

October 28th 2025

City Council Chambers – 4580 S. 2300 E. Holladay



City of Holladay

This public meeting will be held in-person with live video streaming on the [City of Holladay webpage](#). Participation in a *public hearing* portion of this meeting can be accomplished in either of the following ways:

- During the meeting: address the Commission when the item is called by the Commission Chair
- Email: comments must be received by 5:00 pm on **10/27/2025** to the Community and Economic Development Department; jteerlink@holladayut.gov. Emailed comments will be read by the Commission Chair.

MEETING AGENDA

5:30 PM WORK SESSION – The Commission may discuss any or all agenda items. No decisions or voting to occur.

6:00 PM CONVENE REGULAR MEETING – Public Welcome & Chair Opening Statement

PUBLIC HEARING - CONTINUED

- 1. City of Holladay General Plan Update – “Holladay Horizons”**
Continued discussion and presentation by city staff and third-party consultants, Logan Simpson of a 2025 update to the existing Holladay General Plan. Recommendation(s) on a final draft will be forwarded to the city council for final consideration. *In accordance with Utah Code §10-9a-Part4, (#00-6-04-2)*

PUBLIC HEARING

- 2. Text Amendment – Regional Mixed-Use Zone (R/MU), Site Development Master Plan (SDMP 2007)**
Review and recommendation to City Council on proposed text amendment to the Site Development Master Plan for the Royal Holladay Hills Redevelopment area (aka Cottonwood Mall Redevelopment Area, 2007) within the Regional Mixed-Use zone (R/M-U). The proposal, brought by the applicant, Steve Petersen will provide new signage criteria for the development area as an Appendix to the SDMP. *Item reviewed as a legislative action in accordance with Holladay Ordinance §13.07.030 & §13.65.080. (#07-7-01-2)*
- #. Text Amendment – Title 13.70; Wildland Urban Interface Overlay Zone & Building Code**
Review and recommendation to City Council on creation of Title 13.70, of the Holladay City Code, Land Use and Development Regulations as they relate to statute obligations, as set forth by State of Utah Legislation, HB 48 creating a Wildland Urban Interface (WUI) boundary zone and adopting the 2006 Utah WUI Building Code. *Item reviewed as a legislative action, according to procedures set forth in Holladay Ordinance §13.07. (#25-4-11)*

ADJOURN

CERTIFICATE OF POSTING

I, Stephanie N. Carlson, the City Recorder of the City of Holladay, certify that the above agenda notice was posted on the City of Holladay bulletin board, the City website www.holladayut.gov, the Utah Public Notice website www.utah.gov/pmn, and was emailed to the Salt Lake Tribune and Desert News and others who have indicated interest.

The Chair shall call the meeting to order at the appropriate time, greet the people, and read the following statement:

- *The City of Holladay Planning Commission is a volunteer citizen board whose function is to review land use plans and other special studies, make recommendations to the City Council on proposed zoning map and ordinance changes, and approve conditional uses and subdivisions.*
- *The Planning Commission does not initiate land use applications; rather acts on applications as they are submitted. Commissioners do not meet with applicants except at publicly noticed meetings.*
- *Commissioners attempt to visit each property on the agenda, where the location, the nature of the neighborhood, existing structures and uses related to the proposed change are noted.*
- *Decisions are based on observations, recommendations from the professional planning staff, the City's General Plan, zoning ordinance and other reports, by all verbal and written comments, and by evidence submitted, all of which are part of the public record.*
- *Meeting procedure can be found on the back of the agenda.*

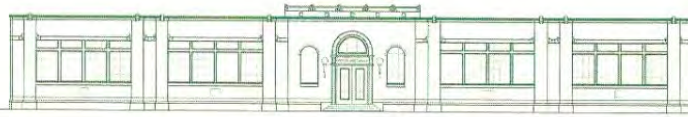
Rules of the City of Holladay Planning Commission for Public Hearings

The Planning Commission Chair or Vice Chair is the Presiding Officer and will conduct the hearing.

1. **Introduction.** The Presiding Officer informs those attending of the procedure and order of business for the hearing.
2. **Staff Presentation.** City Staff briefly introduces the request that prompted the public hearing. The presentation shall not last more than five minutes.
3. **Sponsor Presentation.** If desired, the applicant or his/her representative may also make a presentation. The presentation shall not last more than fifteen minutes.
4. **Public Comment.** The Presiding Officer asks for public comment on the matter before the Commission. Comments are limited to three minutes and speakers are allowed to speak only once. Speakers are requested to:
 - (a) Complete the Citizen Comment Form
 - (b) Wait until recognized before speaking
 - (c) Come to the microphone and state their name and address for the record
 - (d) Be brief and to the point
 - (e) Not restate points made by other speakers
 - (f) Address questions through the Presiding Officer
 - (g) Confine remarks to the topic
 - (h) Avoid personalities

After each citizen has spoken, Commission members may ask questions of the participant before the Presiding Officer resumes or closes the hearing.

5. **Applicant Summation/Response.** Following citizen comment and questions by the Commission, the applicant shall be given an opportunity to give up to fifteen minutes summation and/or response prior to closing of the public hearing.
6. **Closing the Hearing.** If there is no further public comment, questions by Commission members, or final response by the applicant, the Presiding Officer shall conclude the hearing at least ten minutes in advance of a subsequently scheduled public hearing. The Commission may vote to extend the public hearing past the starting time of a subsequent public hearing.
7. **Consideration of Item.** At the close of the public hearing, the Commission shall consider the item, discuss its merits and vote on the matter or vote to continue it at a future meeting.



City of Holladay
Community and Economic Development
Planning and Zoning

PLANNING COMMISSION STAFF REPORT

October 28th 2025

ITEM # 1

Request: General Plan Update

Project: “Holladay Horizons” City of Holladay General Plan, 2025

Applicant: City of Holladay

File No.: 00-06-04-02

Notice: posted, published 09/18/2025

Staff: Jonathan Teerlink

GOVERNING ORDINANCES:

§13.07.020

GENERAL PLAN AMENDMENT – PROCEDURE & REQUIREMENTS

§10-9a-pt4

GENERAL PLAN REQ., STATE OF UTAH, MUNICIPLE LAND USE, DEVELOPMENT & MGMT ACT

REQUIRED PLANNING COMMISSION ACTION: *Legislative*

Public hearing to be held. *Updates to the General Plan is a legislative action, 1st action is requiring the Planning Commission to hold a public hearing, review the draft proposal and forward a recommendation, with findings, to the City Council for final decision/action.*

SUMMARY

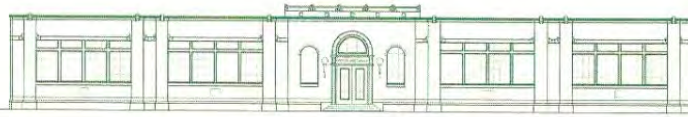
According to previous meetings, the city staff and consultants has prepared final draft edits as recommended by the Planning Commission. This meeting being the 3rd reading of the draft.

Maintaining compliance with a State of Utah statute, this update of the City of Holladay General Plan begun in 2024 with the selection of the [Logan Simpson](#) as consultants to staff and citizens on the City's Steering Committee. Throughout the preceding months, the consultants have gathered background data, solicited public input through their website, several public meetings and meetings with the advisory committee and have compiled a draft document for the Planning Commission to review and forward a recommendation to the City Council.

As “blueprint” for the future, the General Plan is a *guiding* document, primarily used when the Commission and Council are making land use decisions like rezones and text changes to the current zoning ordinance that will shape the growth of the city. The Goals, Policies, and Implementation Strategies are not binding, but rather provide clear and concise goals for the land use authority as well as the community at large to reflect on while contemplating future land use decisions.

REQUEST

A municipality must maintain a General Plan with an update every 5- 10 years. The proposed efforts of staff and city chosen consultants constitute an update to the now 10-year old General Plan. The Planning Commission is tasked with the responsibility of finalizing an update to the current General Plan for the



City of Holladay
Community and Economic Development
Planning and Zoning

City's future growth and land use development. The Commission needs to recommend to the City Council a draft that can be adopted by the end of this year. The staff is hopeful that a recommended General Plan can be forwarded to the Council by mid-October.

BACKGROUND

This proposed update, "Holladay Horizons" is now the third overall General Plan version since Holladay Incorporation 25 years ago. The current draft document is divided into eight chapters with a user introduction at the beginning. The draft address state required elements as the following chapters:

1. *Introduction and How to Use the Plan*
2. *Future Land Use*
3. *A City with Distinct Character*
4. *A City of Quality Neighborhoods*
5. *Walkable and Connected Community*
6. *A Strong Local Economy*
7. *Remarkable Recreation and Natural Spaces*
8. *Responsible Renewal and Infill*

At the end of each chapter is a list of key considerations as well as the Goals, Policies and Implementation Strategies as currently proposed. These Goals, Policies and Implementation Strategies are intended to become the main text of the new General Plan and should clearly and concisely articulate the City's plans for future development. The General Plan encourages appropriate development standards for all uses and zoning categories within Holladay.

Three appendices are included which summarize all current appendices in the General Plan. These new appendices cover the plan's engagement summary (Appendix A), re-adopting all existing small area master plans (Appendix B), and the city's adopted Moderate-Income Housing Plan (Appendix C).

The update is accompanied by a digital, online resource which enhances accessibility of the plan formatted for ease of use for citizens, land use authorities, developers, and staff.

RECOMMENDATION

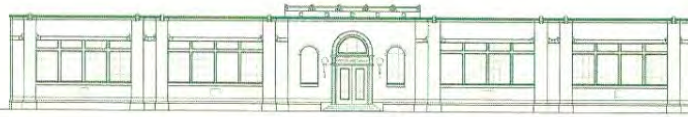
Staff recommends that the Planning Commission:

1. Review current edits of the final draft review the draft and provide additional back ground
2. Invite and consider public input at this meeting. The Commission may wish to close the public hearing at this point.

SUGGESTED MOTIONS

"I Move that the City of Holladay Planning Commission forward to the City Council all prepared recommended edits to the draft General Plan Update, "Holladay Horizons" based upon the following findings:

1. *The update maintains statutory compliance with General Plan adoption processes, and*



City of Holladay

Community and Economic Development
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2. *Via a City initiated “Request For Proposal”, process the City of Holladay has interviewed and selected an consultant to guide the City on research, public outreach, drafting and adoption of a General Plan update, and*
3. *Logan Simpson, the chosen consultant, is a research driven firm that has provided transparent data presentation and public engagement to provide the City with an update which maintains past city visions and goals while providing guidance on aligning future goals with statutory compliance and resident values, and*
4. *Public comment period has been held open from September 30th to receive public input, and*
5. *As drafted, the proposed update and accompanying online portal have been found to provide clear and approachable tools to assist residents, business owners, development community and City staff in understanding the City of Holladay’s vision for its future.*

Comments For City of Holladay General Plan Update-Planning Commission Meeting 10/7/2025

From Mehmet Okte <mehmet.okte@gmail.com>

Date Tue 2025-10-07 7:45 AM

To Jonathan Teerlink <jteerlink@holladayut.gov>; Carrie Marsh <cmarsh@holladayut.gov>

Cc Emily Gray <egray@holladayut.gov>

 1 attachment (312 KB)

document.pdf;

[External Email - Use Caution]

Hello Jon and Carrie,

I will not be able to attend tonight's meeting in person, but I wanted to share my comments regarding the General Plan Update. Please note that the attached notice had an outdated section for the public comments so please confirm whether this comment will be included in tonight's meeting record.

Adding Emily for her awareness.

Dear Members of the Planning Commission,

I am writing to express my concerns regarding the future land use designations outlined in Section 2 of the General Plan Update, specifically the assignment of vague land use categories rather than clearly defined land use zone districts. This approach makes it difficult for residents to understand the implications of future development, particularly in terms of density, scale, and compatibility with existing neighborhoods.

In particular, I noticed that only two parcels (outside of Small Area Master Plan locations) on the interactive map have been assigned the "Mixed Use Regional" category. This land use category allows for the highest density development and impact in the city, and it has only been assigned to two parcels (spot zones) out of approximately 12,400 parcels citywide that are not part of a small area master plan. "Use Summary Table" on slide 24 shows that this "Mixed Use Regional" category appears to allow any kind of high impact development at densities more than double that of "Holladay Village." This level of intensity should not be permitted on a blanket basis across random parcels throughout the city. High-impact zoning like this must be carefully studied and regulated through small area master plans that include specific rules regarding height, density, traffic impact, infrastructure capacity, and community character. Therefore, this blanket land use category should only be allowed in Small Area Master Plan locations. What is the point of all the time, effort, and taxpayer money spent on developing small area master plans if the city would allow spot-zoned, high-impact developments that disregard those carefully crafted guidelines?

One of the two parcels in question is located within 100 feet of my residential property, it can be seen on slide 37 of the General Plan Update (Regional Mixed Use,) at the bottom of the map near 6400 Highland Dr. I have reached out to city officials to understand how and why this particular parcel was selected and why is such a high-impact blanket zoning category being allowed outside of small area master plans, especially considering its small size-barely half acre- and fact that it was recently rezoned. What safeguards are in place to ensure developments under "Mixed Use Regional" zoning are compatible with surrounding neighborhoods? As of 10/6/2025, I haven't received any response yet.

I would appreciate a clarification on what kind of "evolved" future development the city envisions for this parcel. Given its proximity to residential properties and its size, this future land use designation raises several concerns:

- **Traffic Impact:** Highland Dr. in this area is already heavily bottlenecked. Introducing any kind of high-density/high impact development could significantly worsen traffic congestion and reduce safety of pedestrians and drivers.
- **Isolated Overdevelopment:** Assigning such a high density/high impact designation to a small parcel surrounded by low-density residential areas risks creating isolated pockets of overdevelopment that are incompatible with surrounding neighborhood character.
- **Infrastructure Strain:** The area lacks the infrastructure to support high density development, including water, sewer, and adequate parking.
- **Privacy and Livability:** The parcel directly abuts residential properties, raising serious concerns about privacy, crime, noise, and overall quality of life for nearby residents.

I urge the commission to carefully consider these issues before finalizing such high-density and high-impact designations, especially for small parcels that are not part of a comprehensive small area master plan study. Thoughtful, transparent planning is essential to ensuring that future development enhances-not disrupts-our city and community.

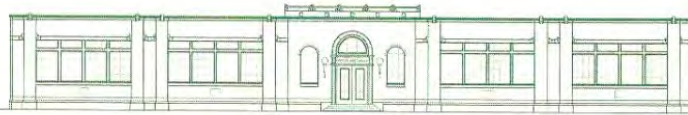
Thank you for your attention to this matter.

Regards,

Omur Okte

ITEM 1:
GENERAL PLAN 2025
HOLLADAY HORIZONS

DUE TO FILE SIZE, REFER TO
PACKET ADDENDUM



City of Holladay
Community and Economic Development
Planning and Zoning

PLANNING COMMISSION STAFF REPORT

October 28th 2025

ITEM # 3

Request: Ordinance Amendment

Project: SDMP Appendix: Project Signage (SDMP 2007) Royal Holladay Hills

Address: 5870 S. Highland Drive

Applicant: Steve Petersen, KMW Development

File No.: 07-7-01-3

Notice: Posted Class A Notice on October 17th 2025

Staff: Jonathan Teerlink

GOVERNING ORDINANCES:

13.07.030 [ORDINANCE AMENDMENT – PROCEDURE & REQUIREMENTS](#)

13.65.080 [AMENDMENTS TO SITE DEVELOPMENT MASTER PLAN](#)

REQUIRED PLANNING COMMISSION

ACTION: Legislative

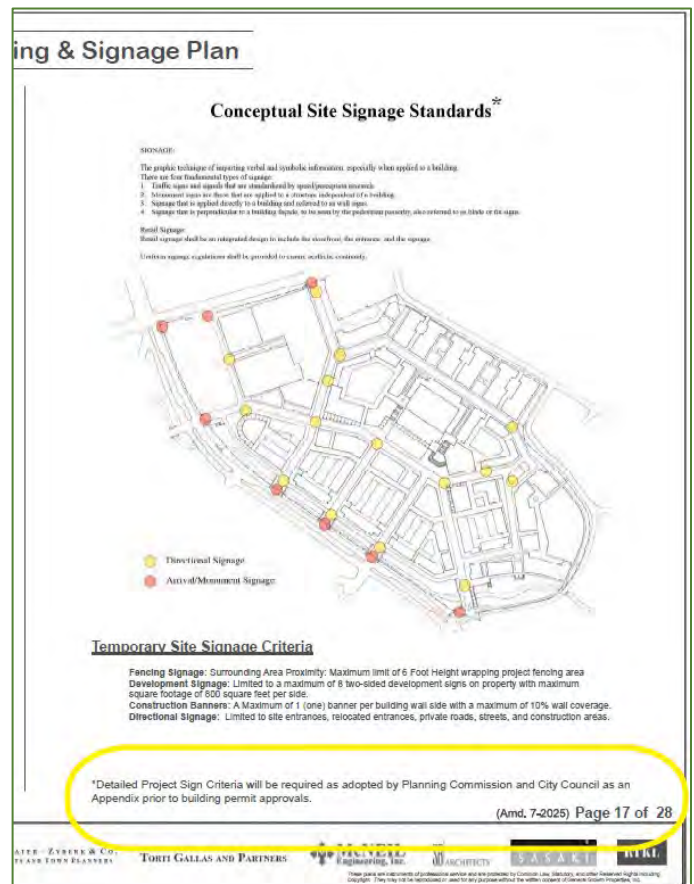
Public hearing to be held. Ordinance amendments, are proposed changes to the City of Holladay Code. Amendments can be in the form of a new standard, or an alteration to an existing rule or regulations/standards. Decisions on proposals to amend a city ordinance is a legislative action, requiring the Planning Commission to hold a public hearing, review the proposal and forward a recommendation, with findings, to the City Council for final decision/action.

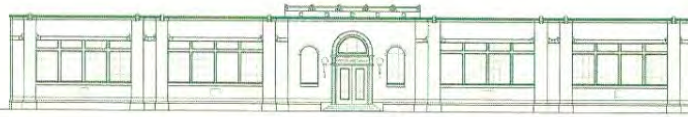
SUMMARY

As anticipated and directed on page 17th of the Site Development Master Plan (SDMP), property owner and applicant, Steve Petersen (Applicant), proposes to include Project Signage Standards as an appendix to the SDMP

REQUEST

The Royal Holladay Hills redevelopment site, currently in the R/MU zone, is subject development details provided in the 2007 Site Development





City of Holladay
Community and Economic Development
Planning and Zoning

Master Plan (SDMP). Sections of the SDMP are designated to provide guidance on project signage locations.

Since the adoption of the 2007 SDMP, the criteria for signage is the last element that remains to be adopted. The Applicant has refined signage massing, locations and design in order to create standardized signage which is customized to the development itself, rather than the city in general.

The proposal can be categorized into various types; Development, Tenant, Directional and Parking signage. None of the sign types feature electronic type message boards, but rather internally illuminated cabinet style placards with decorative lighting features, unique to the Royal Holladay Hills theme.

It should be highlighted that the sign types proposed are monument style signs. The height proposed measure at 20 feet maximum. As opposed to pole signs, **which are no longer allowed in the city**, the construction of the proposed sign can be better defined as a monolithic sign, featuring a solid surface running vertical to, and at the width of, the sign itself, for the entire 20-foot height. This sign is sited atop a base, surrounded in landscaping. This sign type is only found in the current sign ordinance for the Office Research Development zone (ORD), (Millrock Office Park 3000th East Wasatch Blvd).

REASONING & PURPOSE

The overall intent of this amendment is to proposed missing sign standards.

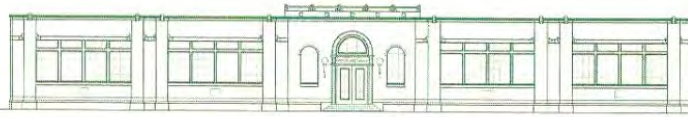
NON-CONFORMING USES

This amendment would not create any non-conforming use situations and does not alter the original intent of the SDMP to provide project signage.

CONSIDERATION STANDARDS

13.07.030G: Approval Standards:

1. A decision to amend the text of this title or the zoning map is a matter within the legislative discretion of the city council. The city council, after reviewing the planning commission recommendation, may:
 - a. Adopt the amendment as recommended by the planning commission;
 - b. Make any revisions to the proposed amendment that it considers appropriate;
 - c. Remand the proposed amendment back to the planning commission for further consideration; or
 - d. Reject the proposed amendment.
2. In reviewing a text or map amendment, the following factors should be considered:
 - a. Whether the proposed amendment is consistent with goals, objectives and policies of the city's general plan;
 - b. Whether the proposed amendment is harmonious with the overall character of existing development in the vicinity of the subject property;
 - c. The extent to which the proposed amendment may adversely affect abutting properties; and
 - d. The adequacy of facilities and services intended to serve the subject property, such as, roadways, parks and recreation facilities, police and fire protection, schools,



City of Holladay
Community and Economic Development
Planning and Zoning

stormwater drainage systems, environmental hazard mitigation measures, water supply, and wastewater and refuse collection.

RECOMMENDATION

Staff finds the proposal to be complete in its scope as providing needful updated to sign criteria within the Royal Holladay Hills Development. Staff can therefore recommend that the Planning Commission hold the required public hearing while moderating a discussion with the applicant prior to forwarding a recommendation to the City Council to amend page 17 and include the new Appendix entitled, "Signage Criterial" to the 2007 Site Development Master Plan for redevelopment within the R/MU zone, as shown in Exhibit "A,"

SUGGESTED MOTIONS

For a potential motion to recommend Approval or Denial:

*"I Motion to forward a recommendation to the City Council to (APPROVE, DENY) an application by **Steve Petersen** to amend pages 17 and include Appendix Sign Criteria, of the Site Development Master Plan (2007) by **providing anticipated sign criteria as is expected and noted on page 17 of the SDMP**"*



NOTICE OF PUBLIC HEARING

NOTICE IS HEREBY GIVEN that the Holladay Planning Commission will hold a public hearing on **Tuesday, October 28th as close to 6:00 P.M. as possible**. The purpose of the hearing is to accept comment during the consideration of amending the Site Development Masterplan SDMP (2007) for the Royal Holladay Development.

A proposal, made by the property owner, KMW Development, to include project signage details for the development. As indicated by the SDMP (pg. 17), project signage criteria is anticipated to be added to the master plan as an appendix. The planning commission will review provided sign standards (i.e. dimensions, lighting) for all locations currently indicated in the plan.

The proposed amendment is available for public inspection on the City's website www.holladayut.gov and at the Community Development Dept. during normal business hours.

The public may remotely watch the **live video stream** of the meeting - https://cityofholladay.com/government/agendas_and_minutes.php To make a public comment or to make a comment during any public hearing may provide such comments as follows: **In-person attendance:** at Holladay City Hall or you can **Email** your comments by 5:00 pm on the date of the meeting to jteerlink@cityofholladay.com or 801-527-3890.

CERTIFICATE OF POSTING

I, Stephanie N. Carlson, the City Recorder of the City of Holladay, certify that the above agenda notice was posted at City Hall, the City website www.holladayut.gov the Utah Public Notice website www.utah.gov/pmn, and was emailed to the Salt Lake Tribune and Desert News and others who have indicated interest.

DATE POSTED: [date]

*Stephanie N. Carlson MMC,
City Recorder City of Holladay*

Site Signage Standards

SIGNAGE:

The graphic technique of imparting verbal and symbolic information, especially when applied to a building.

There are four fundamental types of signage:

1. Traffic signs and signals that are standardized by speed/perception research.
2. Development signs, monument signs and directional signs are those that are applied to a structure independent of a building.
3. Signage that is applied directly to a building and referred to as wall signs.
4. Signage that is perpendicular to a building façade, to be seen by the pedestrian passerby, also referred to as blade or fin signs.

Retail Storefront Signage

Retail storefront signage shall not exceed 10% of the storefront



Temporary Site Signage Criteria

Fencing Signage: Surrounding Area Proximity: Maximum limit of 6 Foot Height wrapping project fencing area

Construction Banners: A Maximum of 1 (one) banner per building wall side with a maximum of 10% wall coverage.

Directional Signage: Limited to site entrances, relocated entrances, private roads, streets, and construction areas.

Arrival, Development and Directional Signage

Arrival Signage: Site Identifier signage or sculpture identifying the development. Limited to 2 locations

Development Signage: Limited to a maximum of 6 two-sided development signs on property with maximum height of 20'.

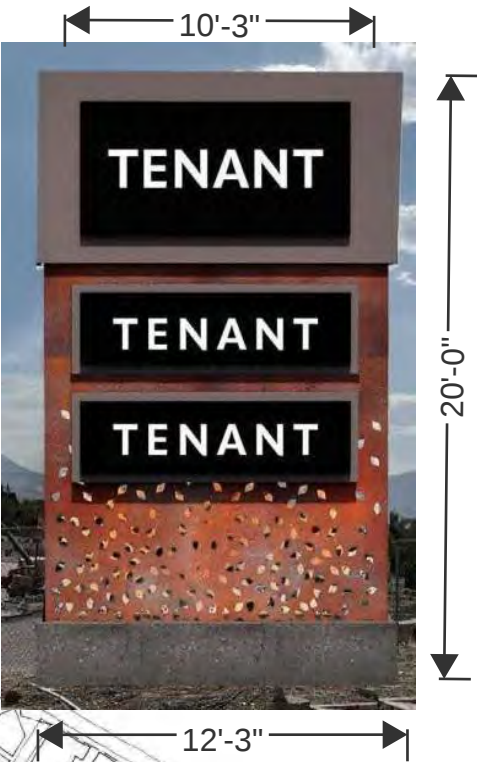
Directional Signage: As located on graphic above

All signage shall be subject to administrative approval unless it does not meet the criteria in this appendix.

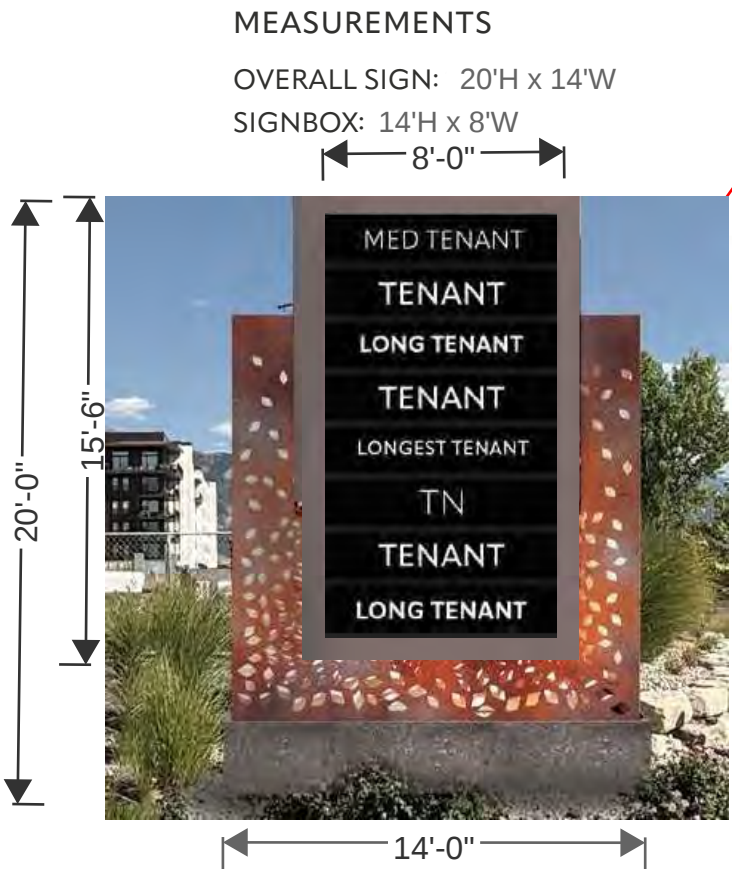
DIRECTIONAL AND DEVELOPMENT SIGNAGE



MEASUREMENTS
OVERALL SIGN: 20'H x 11' 2"W
SIGNBOX: 4'-6"H x 9"W



MEASUREMENTS
OVERALL SIGN: 20'H x 11'-2"W
SIGNBOX: 4'-6"H x 9"W



MEASUREMENTS
OVERALL SIGN: 20'H x 14'W
SIGNBOX: 14'H x 8'W



MEASUREMENTS
OVERALL SIGN: 14'H x 8' 7"W
SIGNBOX: 9' 9"H x 7'W
NOTE: FINAL SIGN HEIGHT STILL TBD

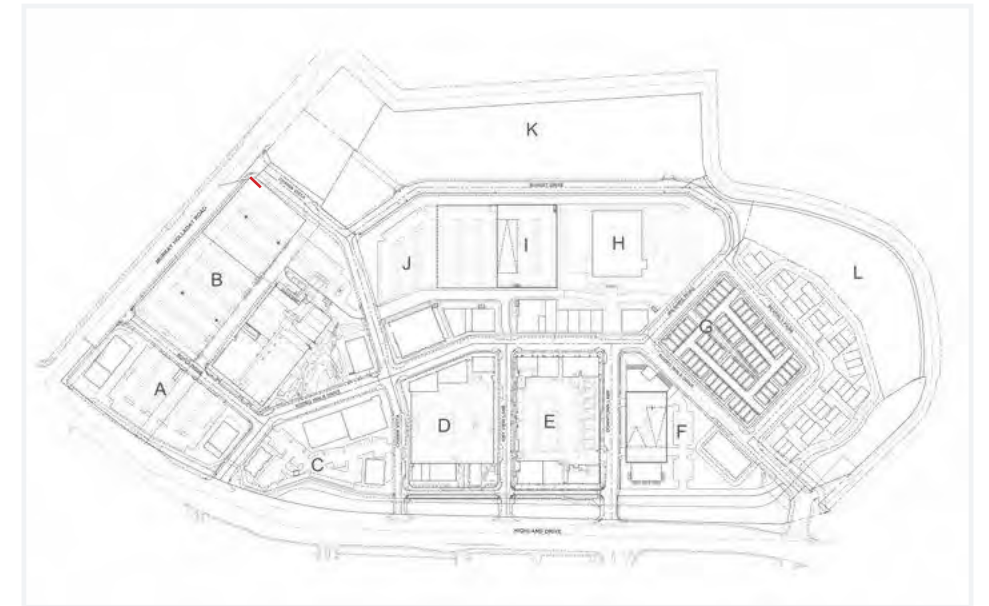


- DIRECTIONAL SIGNAGE
- DEVELOPMENT SIGNAGE

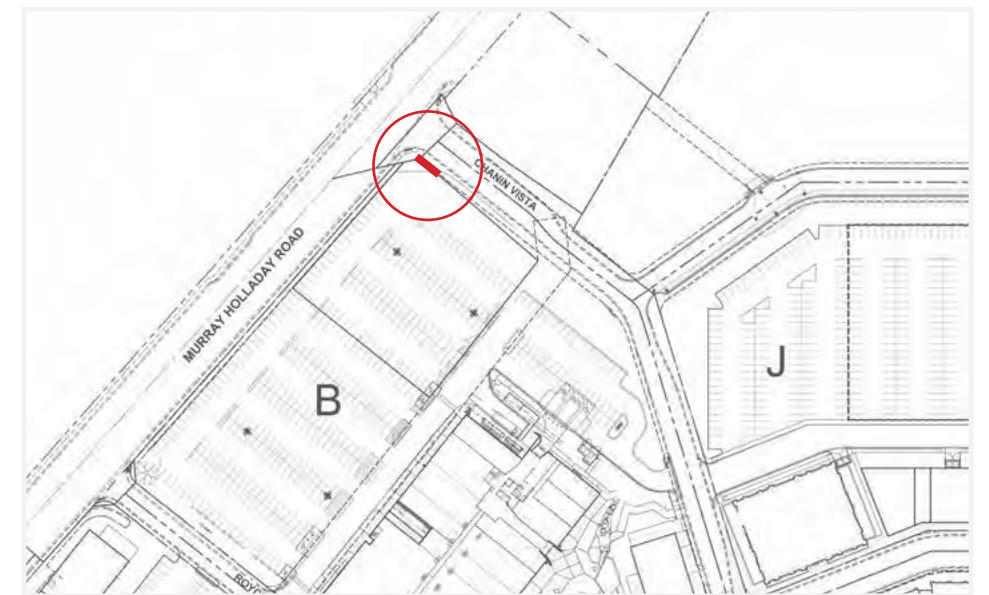
Conceptual Development Sign A



PHOTO RENDERING - DAY



SITE PLAN LOCATION

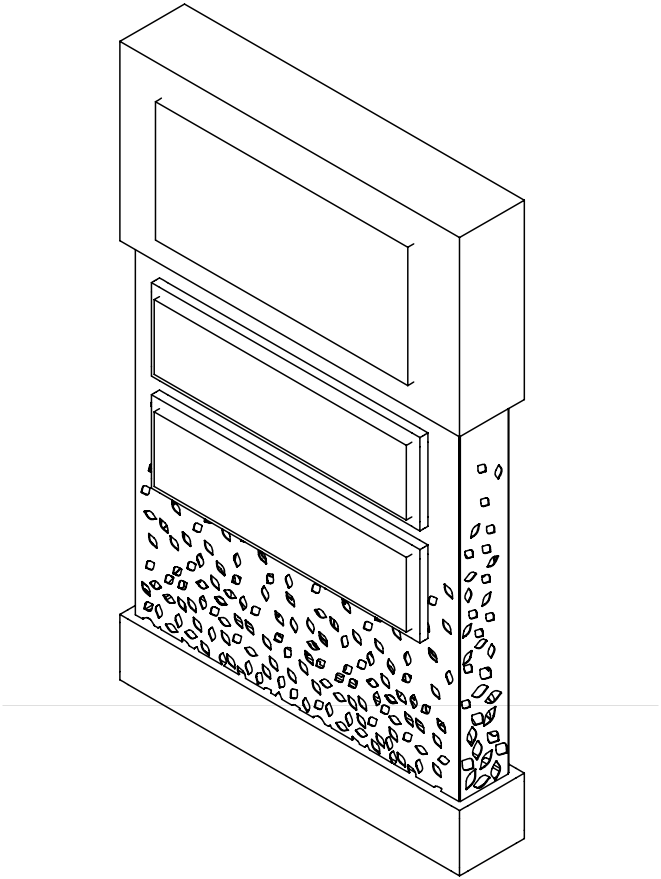


DETAILED LOCATION

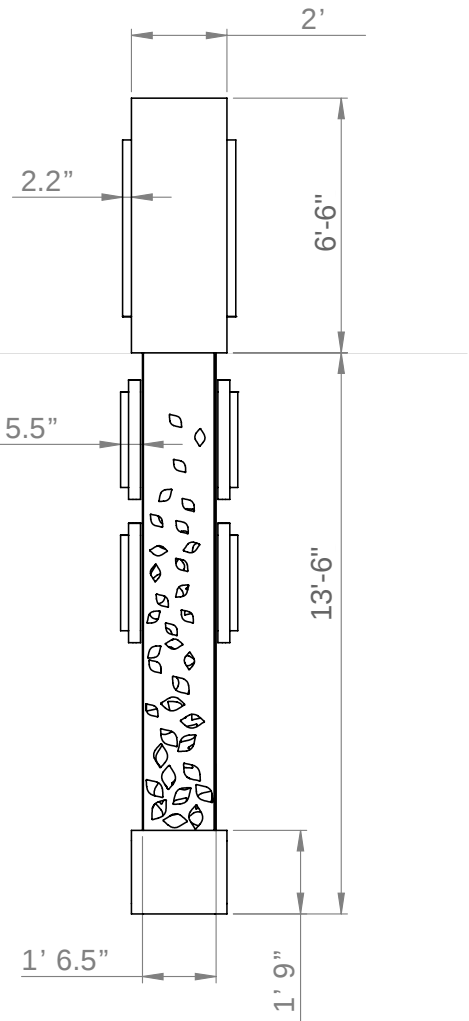
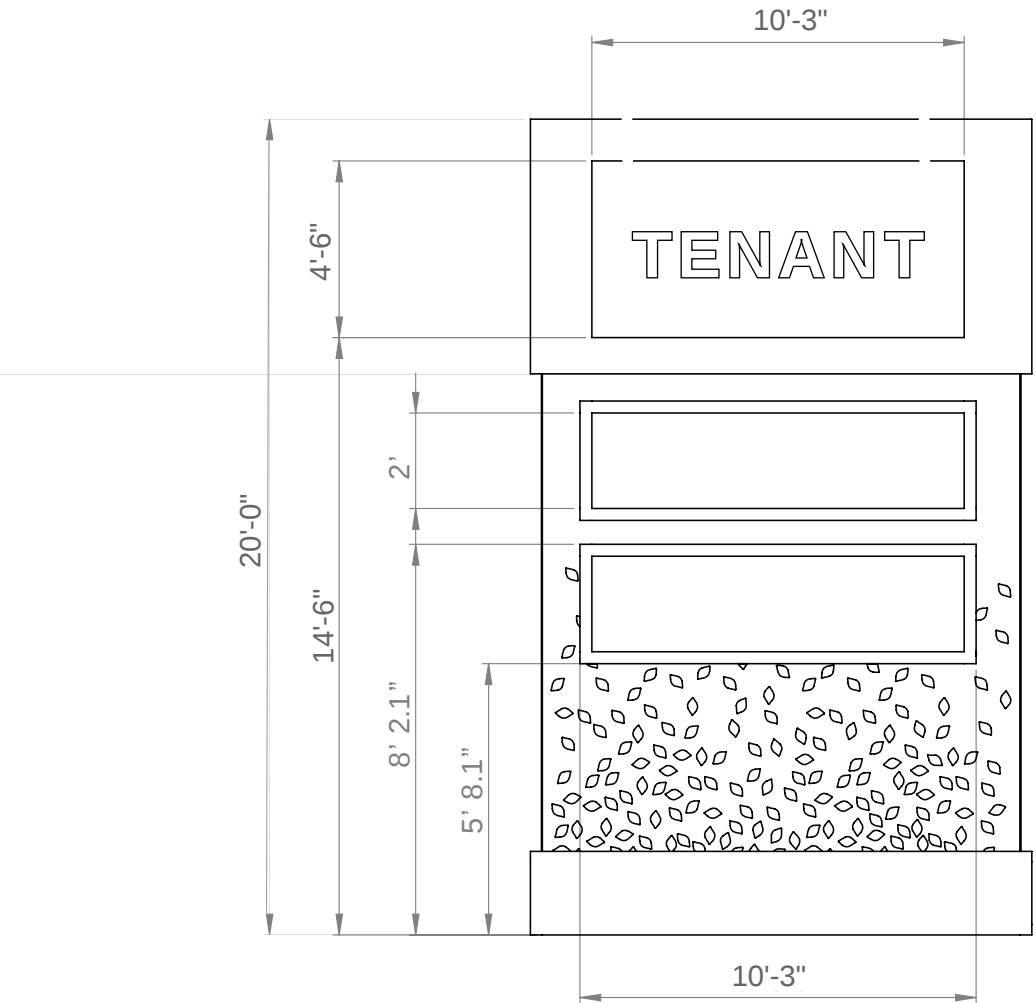
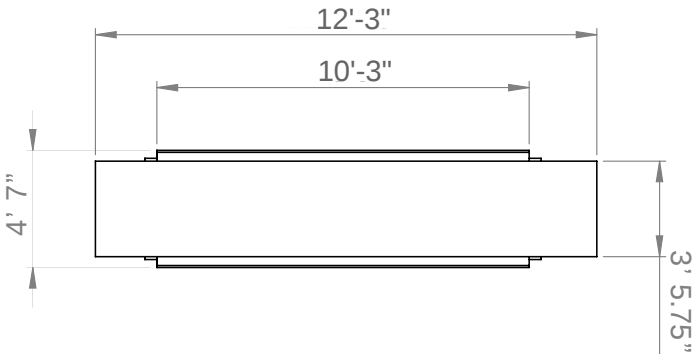
Conceptual Development Sign A

MEASUREMENTS

OVERALL SIGN: 20'H x 12'-3"W
 SIGNBOX: 4'-6"H X 10'-3"W



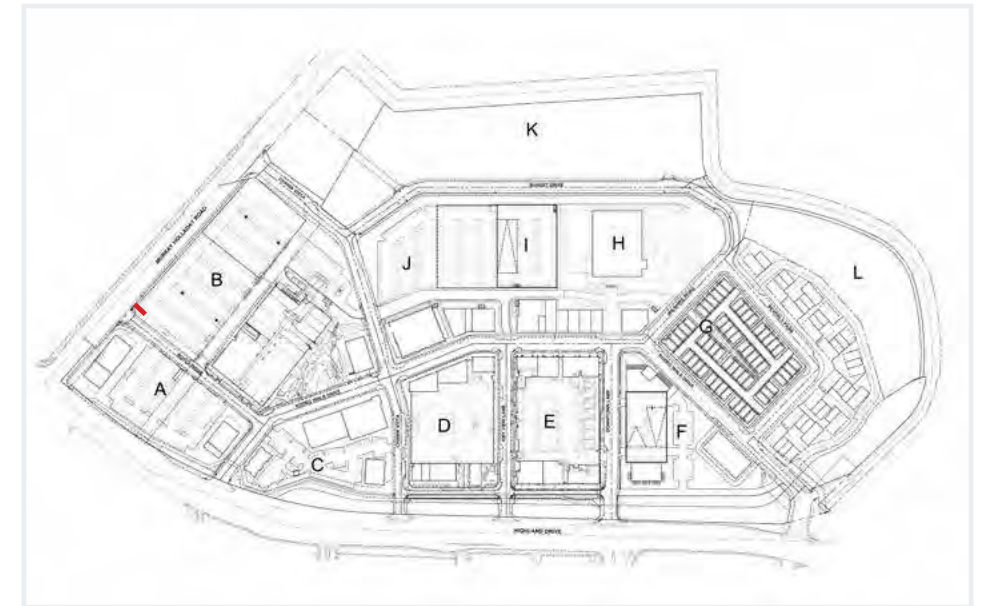
ISOMETRIC VIEW



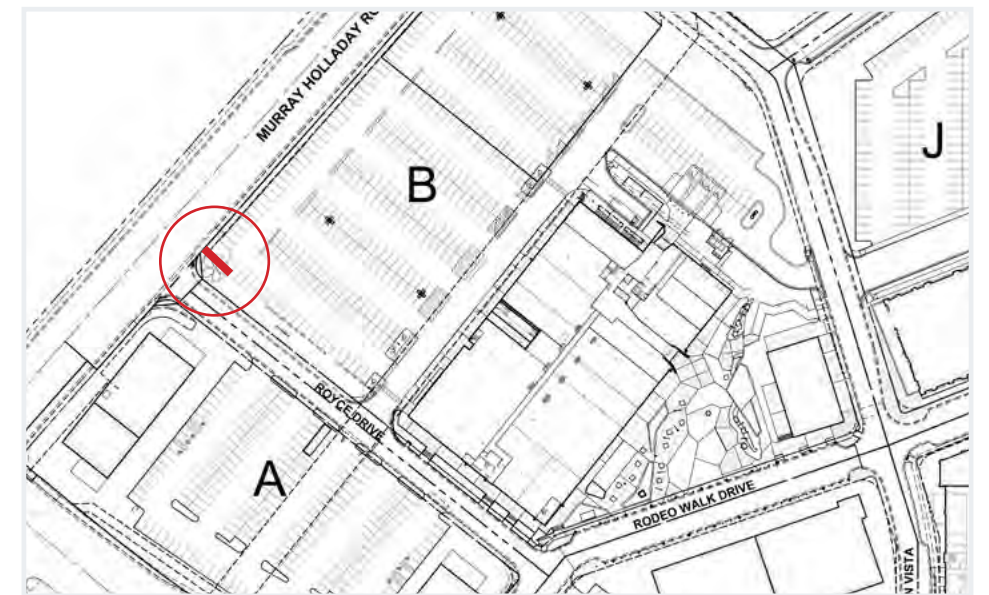
Conceptual Development Sign B



PHOTO RENDERING



SITE PLAN LOCATION



DETAILED LOCATION

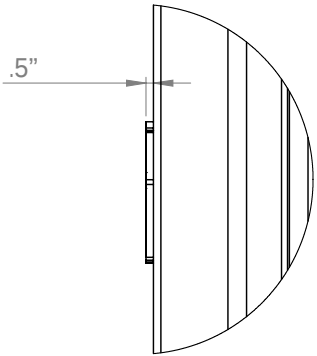
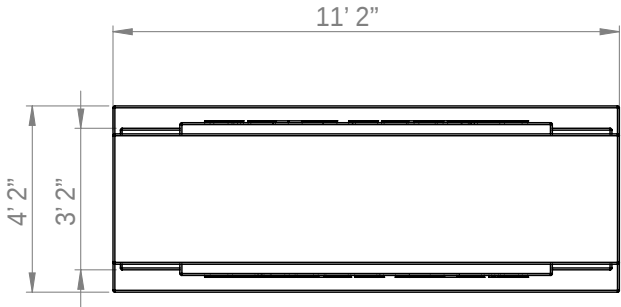
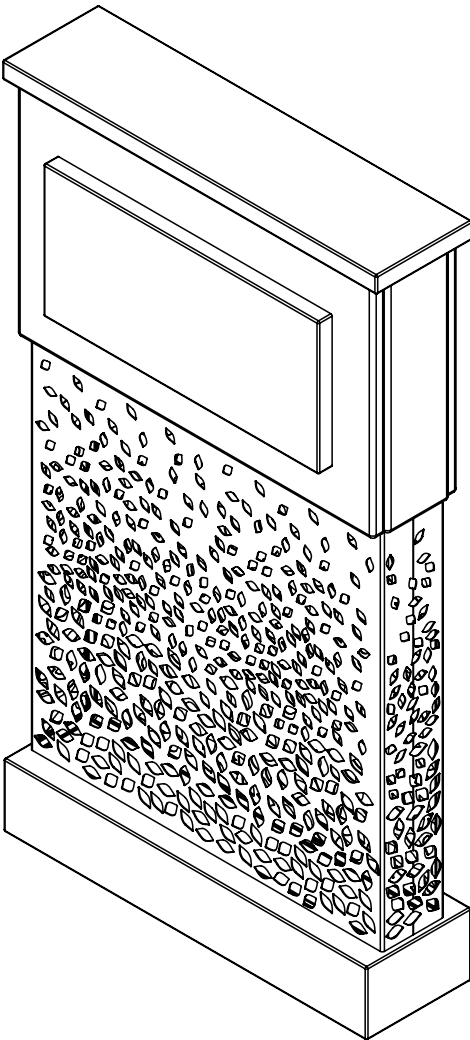
Conceptual Development Sign B

MEASUREMENTS

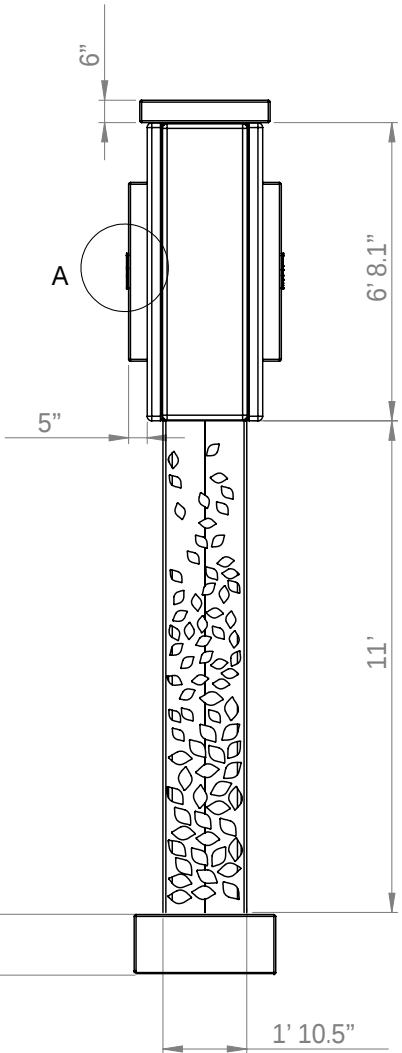
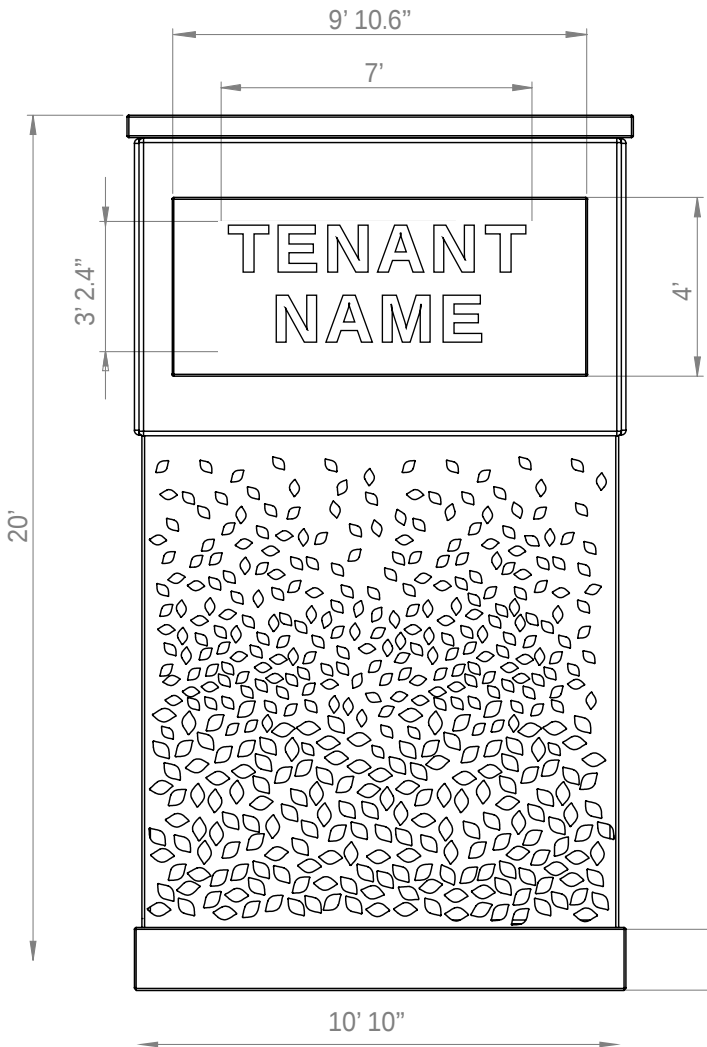
OVERALL SIGN: 20'H x 11' 2"W

SIGNBOX: 4'H x 9' 11"W

TENANT LOGO: 7' wide



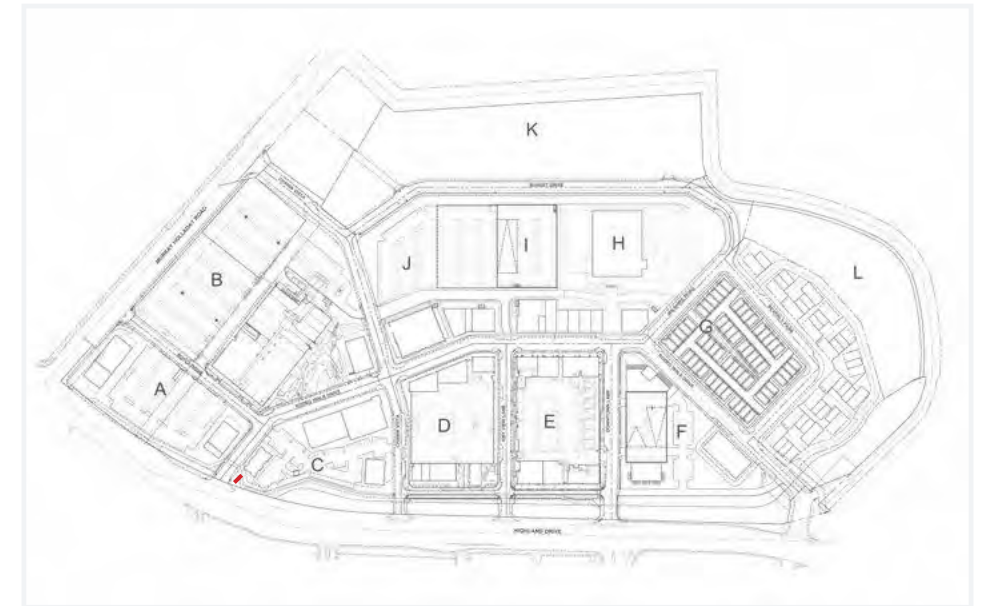
DETAIL A
SCALE 1 : 10



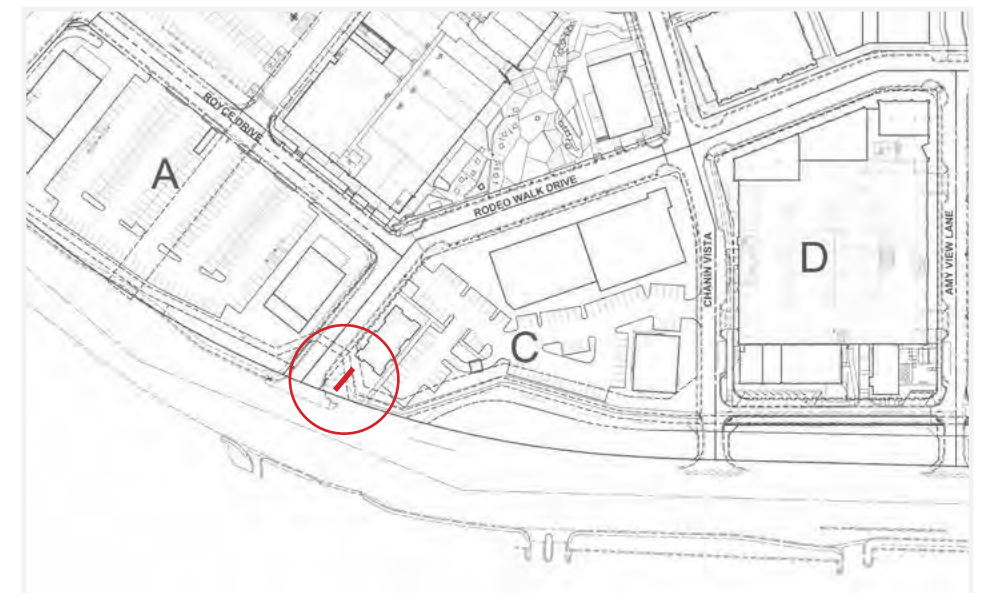
Conceptual Multi-Tenant Development Sign C



PHOTO RENDERING



SITE PLAN LOCATION

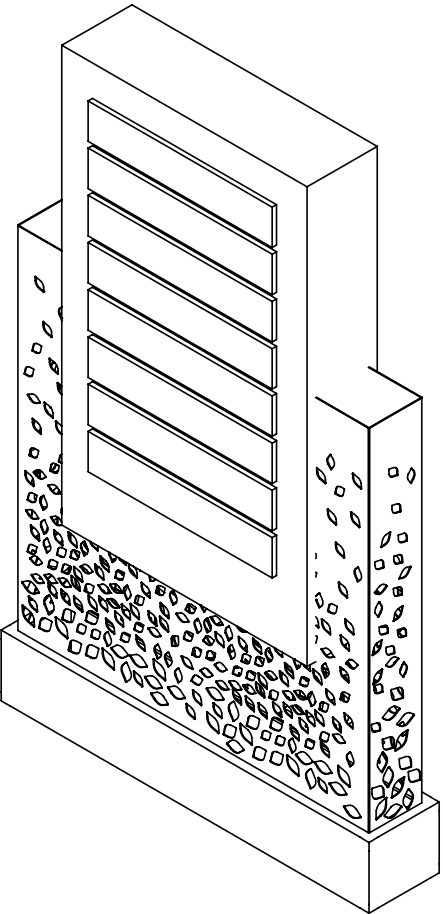


DETAILED LOCATION

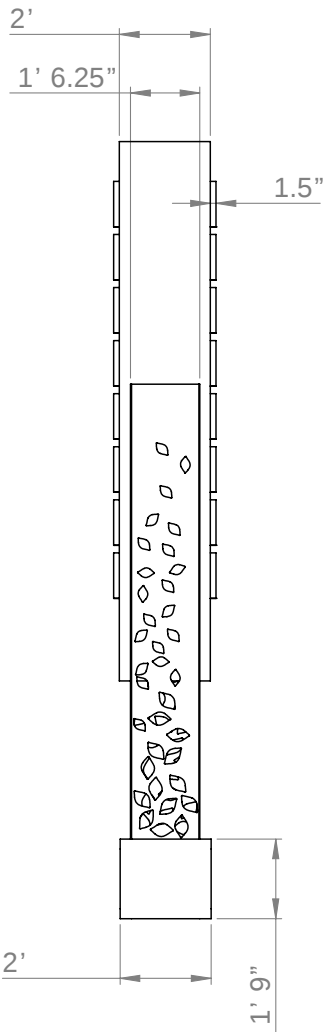
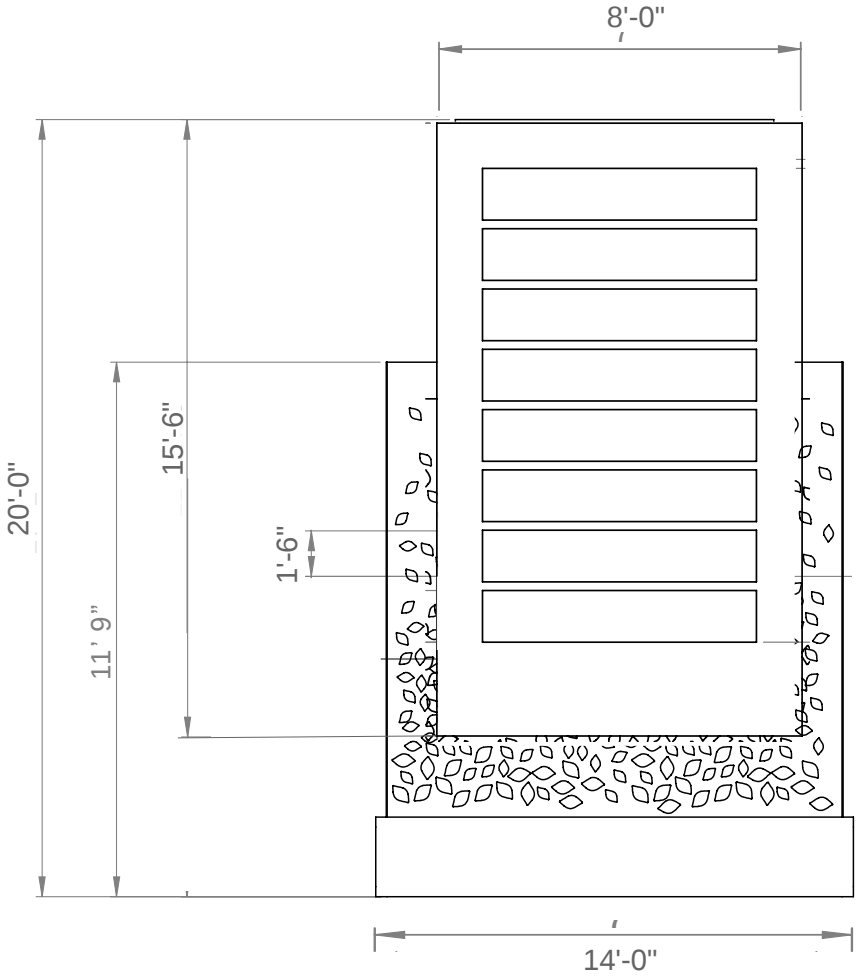
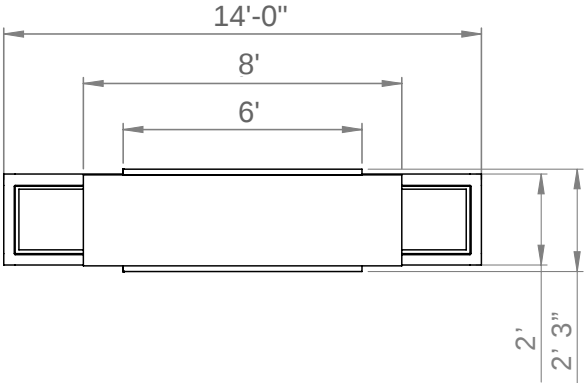
Conceptual Multi-Tenant Development Sign C

MEASUREMENTS

OVERALL SIGN: 17' 1"H x 10' 6"W 20'-0"W x 13'-0"H
SIGNBOX: 11' 10"H x 7'W



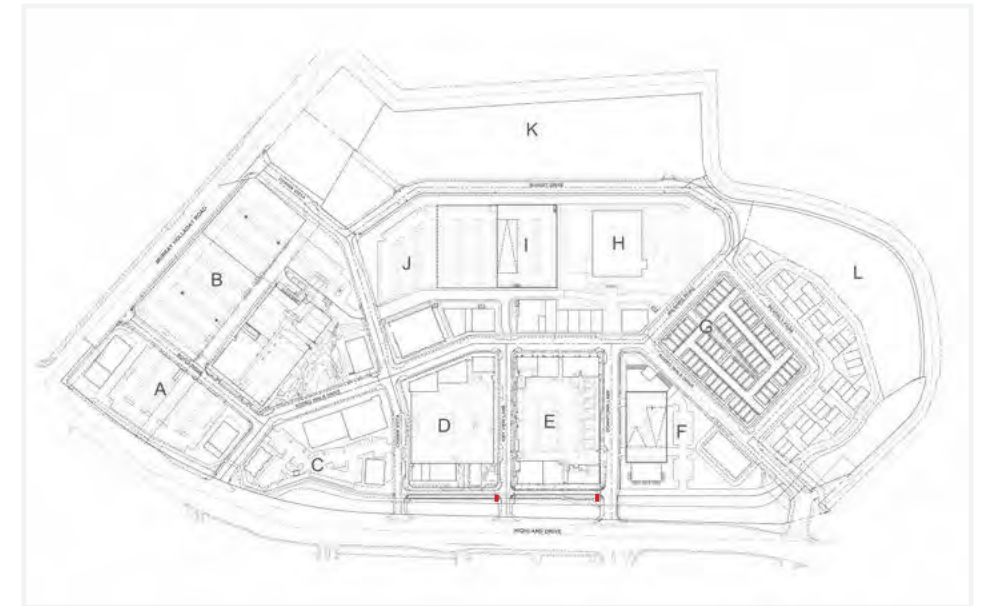
ISOMETRIC VIEW



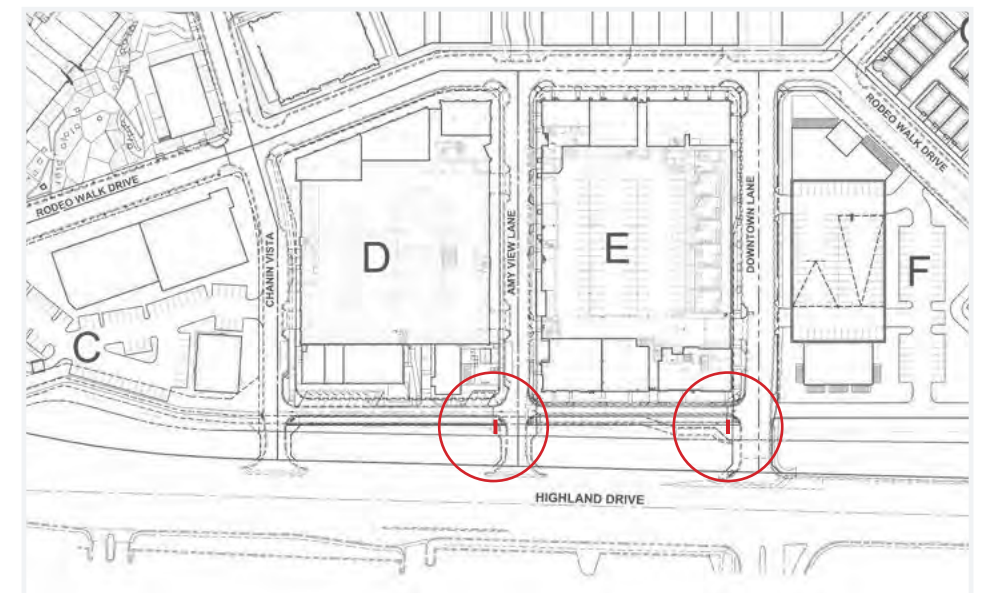
Conceptual Multi-Tenant Development Sign D



PHOTO RENDERING



SITE PLAN LOCATIONS



DETAILED LOCATIONS

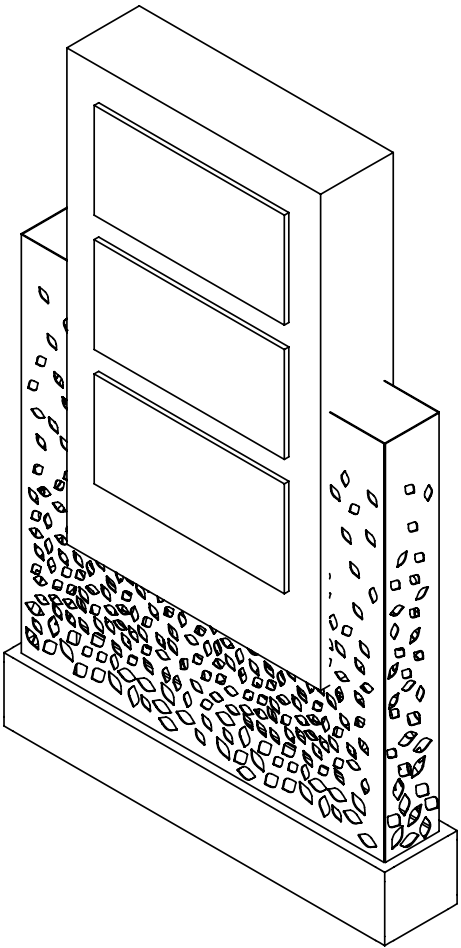
Conceptual Multi-Tenant Development Sign D

MEASUREMENTS

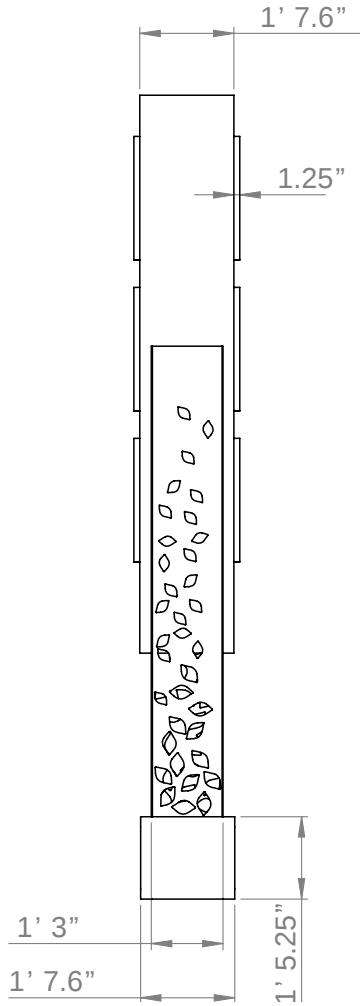
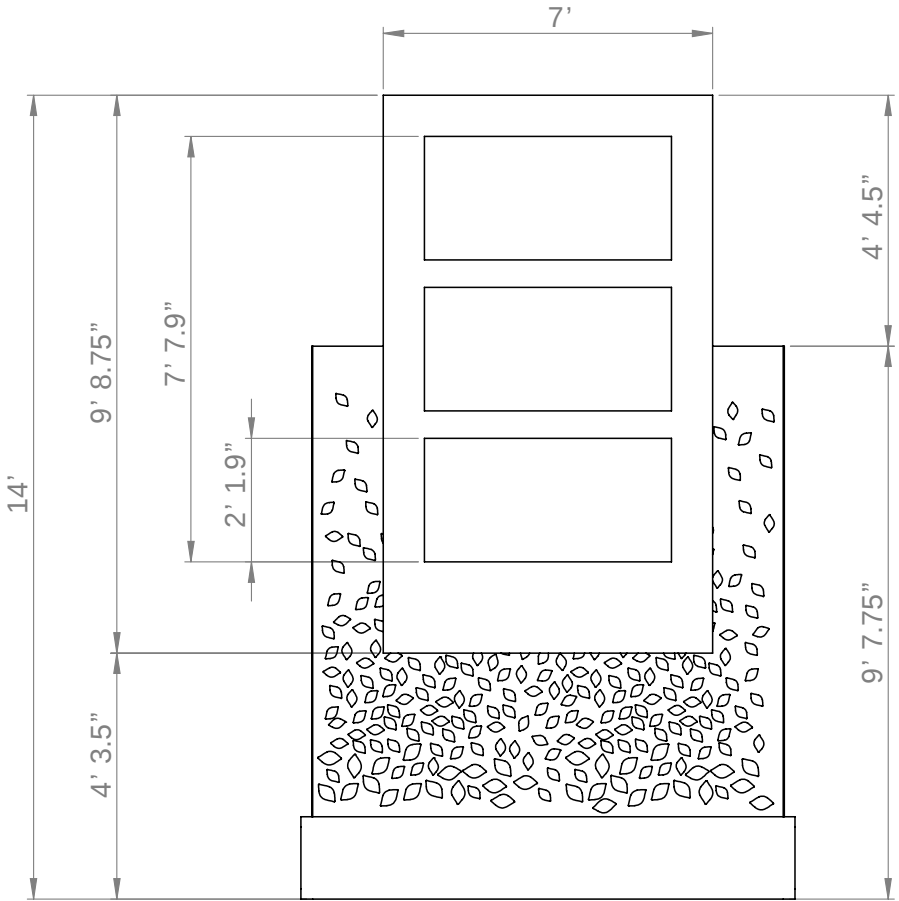
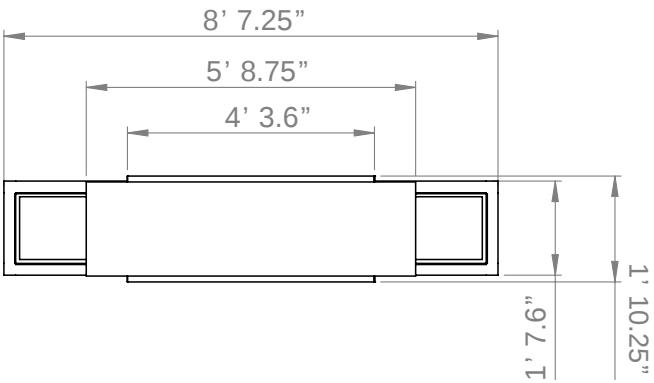
OVERALL SIGN: 14'H x 8' 7"W

SIGNBOX: 9' 9"H x 7'W

NOTE: FINAL SIGN HEIGHT STILL TBD



ISOMETRIC VIEW



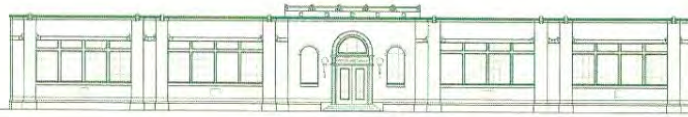
Conceptual Parking & Directional Signage



PARKING SIGN CONCEPT (STILL IN DEVELOPMENT)



DIRECTIONAL SIGN CONCEPT (STILL IN DEVELOPMENT)



City of Holladay
Community and Economic Development
Planning and Zoning

PLANNING COMMISSION STAFF REPORT

October 28th 2025

ITEM # 3

Request: Ordinance Amendment

Project: Requirements of HB 48, Wildland Urban Interface Modifications

Applicant: City of Holladay

File No.: 25-4-11

Notice: Public Notice posted 10/17/2025

Staff: Gina Chamness, City Manager, Jonathan Teerlink, Community and Economic Development Director, Captain Dan Brown, Unified Fire Authority Liaison

GOVERNING ORDINANCES:

13.07.030 [ORDINANCE AMENDMENT – PROCEDURE & REQUIREMENTS](#)
State of Utah [HB 48](#)

REQUIRED PLANNING COMMISSION ACTION: Legislative

Public hearing to be held. *Ordinance amendments, are proposed changes to the City of Holladay Code. Amendments can be in the form of a new standard, or an alteration to an existing rule or regulations/standards. Decisions on proposals to amend a city ordinance is a legislative action, requiring the Planning Commission to hold a public hearing, review the proposal and forward a recommendation, with findings, to the City Council for final decision/action.*

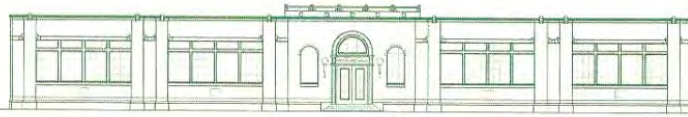
SUMMARY

During the 2025 Legislative session, the Legislature adopted, [HB 48](#) Wildland Urban Interface Modifications. This bill requires cities to adopt and enforce the Utah Wildland Urban Interface (WUI) building code standards within their municipal boundaries. The current (2006) adopted standards address construction materials, defensible space, emergency vehicle access, and other fire-safety measures for construction in high-risk areas. Failure to adopt or enforce these standards could make the city ineligible for state cost coverage in the event of wildfire under cooperative fire agreements.

The state's Division of Forestry, Fires, and State Lands (FFSL) has conducted a comprehensive wildfire hazard assessment for all land within the state of Utah. This assessment, along with a host of related data, is summarized online at <https://wildfirerisk.utah.gov>.

FFSL has considered a variety of elements in developing a structure exposure score (SES) for property by using advanced wildfire simulation models which include the following elements:

- Proximity to wildland vegetation
- Wildfire likelihood and intensity of potential wildfire in the area
- Ember travel risk



City of Holladay
Community and Economic Development
Planning and Zoning

- Distance to other structures

The SES modeling assigns and maps structures using a 10-class scale; Class I, being the lowest or minimal exposure to Class 10 being the highest wildfire risk, extreme exposure.

HB 48 also requires that insurers use the map provided by FFSL to determine whether a property that they may insure is at high risk for a wildfire, and sets conditions on rate increases, cancellation or non-renewals as they related to wildfire conditions. Further, HB 48 anticipates that properties in high-risk area will be assessed a fee, which will be used to create a Wildland Urban Interface Prevention Preparedness and Mitigation Fund. Counties will be responsible for administering this portion of the program.

The bill also anticipates an on-the-ground parcel by parcel inspection program for prevention and mitigation efforts. In the first year, a flat fee will be assessed based on the square footage of structures for all properties in the designated area, with possible reductions in future years based on mitigation efforts. The program is still going through the rulemaking process at the state level, and many important details remain to be worked out during that process.

City Staff, along with the City Attorney and staff from the Unified Fire Authority, have carefully reviewed the requirements of the new law, as well as data generated by the FFSL. Our recommendation is for the City to adopt a Wildland Overlay Zone. The state's adopted WUI building code would be required in that zone, adding additional landscaping requirements and potentially additional cost to building in that overlay zone. Administration will primarily be done by the Building Division of the CED Department and the UFA.

REQUEST

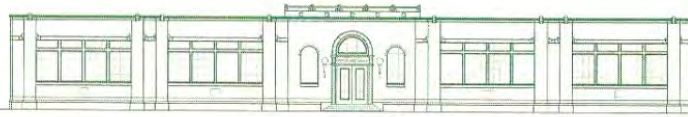
- 1) Creation of Title 13.70: "Wildland Urban Interface Overlay Zone" as proposed in **Map 2 with the dark blue areas**. The new zone requires that the Planning Commission first review and forward a recommendation for the zone to the City Council.
- 2) Amend §[13.03.030](#): "Site Plan Requirements", to provide required site plan elements needed for permit application review and approval.
- 3) Amend §[15.08.01](#) "Technical Codes Adopted" as required by the Utah Wildland Urban Interface Code adopted under Utah Code Section 15A-2-103;

REASONING & PURPOSE

During the 2025 Legislative session, the Legislature adopted, [HB 48](#) Wildland Urban Interface Modifications. This bill requires cities to adopt and enforce the Utah Wildland Urban Interface (WUI) building code standards within their municipal boundaries.

RECOMMENDATION

Staff recommends that the Planning Commission hold the required hearing and allow staff and UFA representatives answer any questions. Staff is confident that the planning commission can forward a positive recommendation to the City Council to establish the **Wildland Urban Interface Overlay, Map 2**



City of Holladay
Community and Economic Development
Planning and Zoning

and Title 13.70 Wildland Urban Interface Overlay Zone ordinance, of the Holladay Municipal Code, as shown in Exhibit “A,” based on the following findings:

1. Compliance with the Purpose of the Land Development Code by promoting and facilitating the orderly growth and development within the City of Holladay.
2. Compliance with the Goals and Policies of the General Plan by establishing appropriate development standards for all uses and zoning categories within the City of Holladay

SUGGESTED MOTION

“I _____ Motion to forward a recommendation to the City Council to (APPROVE, CONTINUE) an drafted proposal by City Staff and UFA to establish a Wildland Interface Overlay Zone and associated Code based upon the following findings”

- *Proposals align with State of Utah HB 48 as established to create an Overlay Zone in which the Utah Wildland Fire Code (2006) may be applied.*
- *The proposed overlay zone creation has been reviewed by Unified Fire Authority and City Council as the preferred alignment*

ATTACHMENTS:

- Draft 13.70 Wildland Urban Interface Fire Code
- WUI Overlay Mapping – *Map 2 is to be considered.*
- Utah Urban Interface Code, 2006
- HB48

NOTICE OF A PUBLIC HEARING

WILDLAND URBAN INTERFACE FIRE PROTECTION ZONE

Date: October 28th 2025
Time: As close to 6:00 pm as possible
Location: City Hall – City Council Chambers
Hearing Body: Planning Commission

Notice is hereby given that the City of Holladay Planning Commission will hold a public hearing during consideration of Ordinance 13.70: Wildland Urban Interface fire code and associated Overlay Zone Draft Map.

In accordance with State of Utah HB4 city staff and area Fire Marshals will present proposed amendments to Title 13 of the Holladay, Land Use and Development Code. The amendment establishes the “Wildland Urban Interface Fire Code” (WUI) and identifies properties that are in proximity to fire risks and applies special regulations intended to:

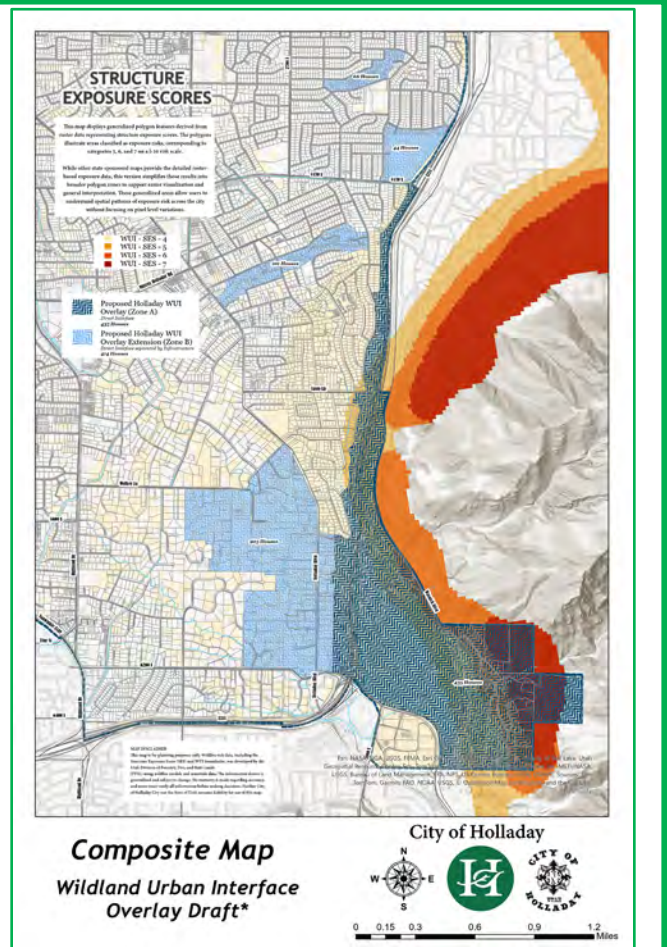
- Reducing the risk created by wildfires;
- Protect life and property;
- Support emergency management best practices;

Properties within the proposed overlay zone map (**Blue & Dark Blue**) would be subject to fire code requirements related to the construction of new buildings, additions to existing buildings, roofing materials, building materials, and creating defensible space by adding specific landscaping provisions intended to provide space between landscaping and buildings.

**** A SEARCHABLE MAP OF THE DRAFT WUI ZONE IS FOUND AT www.holladayut.gov ****

You have received this notice as you own property determined to be affected by this amendment. Comments may be submitted via email by 5:00 pm 10/27/2025 to, jteerlink@holladayut.gov. Emailed comments will be forwarded to the Commission prior to the meeting. Prior to the meeting, additional information regarding this item & instructions how to join this meeting remotely can be found on the City's website www.holladayut.gov

ATTENTION: This notice was mailed on 10/17/2025 by order of the Community and Economic Development Director, to all residents affected by the amendment. If you are not the owner of your residence, please notify the owner regarding this matter. Thank you.



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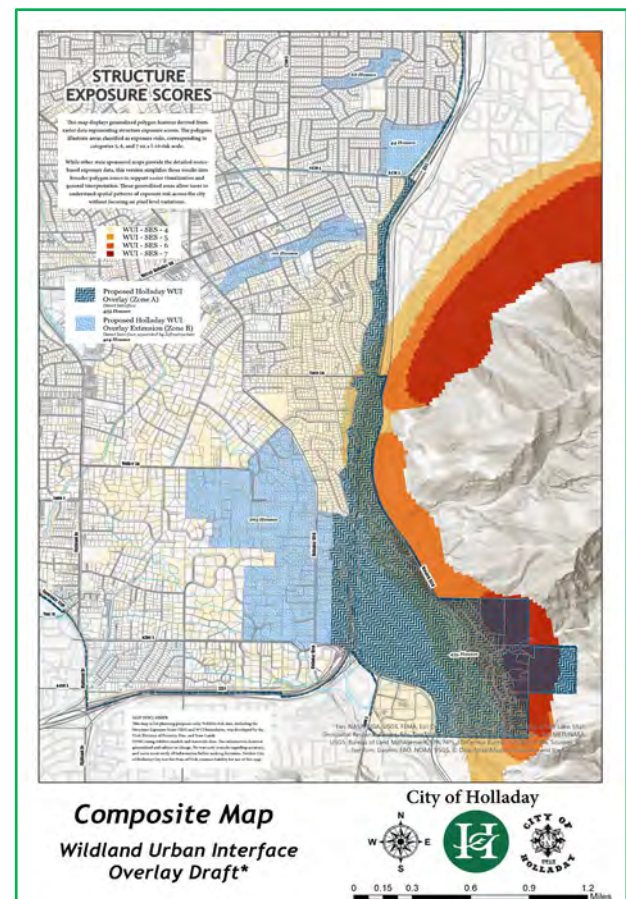
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STRUCTURE EXPOSURE SCORES

This map displays generalized polygon features derived from raster data representing structure exposure scores. The polygons illustrate areas classified as exposure risks, corresponding to categories 5, 6, and 7 on a 1-10 risk scale.

While other state sponsored maps provide the detailed roster-based exposure data, this version simplifies those results into broader polygon zones to support easier visualization and general interpretation. These generalized areas allow users to understand spatial patterns of exposure risk across the city without focusing on pixel level variations.

- WUI - SES - 4
- WUI - SES - 5
- WUI - SES - 6
- WUI - SES - 7

The Structure Exposure Score (SES)

What it measures:

The Structure Exposure Score (SES) represents a structure's overall wildfire hazard by evaluating both the likelihood of a wildfire reaching that location and the expected intensity and ember exposure if a fire occurs.

How it's calculated:

The SES is generated by the Utah Division of Forestry, Fire, and State Lands (FFSL) using advanced wildfire simulation models and statewide GIS data

Key factors in the calculation include:

- Proximity to wildland vegetation - distance to flammable fuels surrounding the structure.
- Wildfire likelihood - probability of a fire starting and spreading to the site.
- Wildfire intensity - modeled flame length and heat levels expected during a fire.
- Ember travel risk - potential for embers to ignite structures beyond the direct flame front.
- Distance to other structures - clustering of nearby homes and buildings that can increase exposure.

The scoring system:

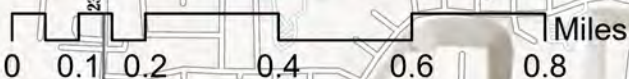
Each structure receives a score within a 10-class scale, where:

- Class 1= lowest wildfire risk, minimal exposure.
- Class X = highest wildfire risk, extreme exposure.

These SES values form the foundation for Utah's High-Risk Wildland Urban Interface (WUI) maps and guide wildfire preparedness, mitigation planning, and policy decisions under HB 48.

MAP DISCLAIMER

This map is for planning purposes only. Wildfire risk data, including the Structure Exposure Score (SES) and WUI boundaries, was developed by the Utah Division of Forestry, Fire, and State Lands (FFSL) using wildfire models and statewide data. The information shown is generalized and subject to change. No warranty is made regarding accuracy, and users must verify all information before making decisions. Neither City of Holladay City nor the State of Utah assumes liability for use of this map.



County of Salt Lake, Utah Geospatial Resource Center, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA, USFWS, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Sources: Esri, Maxar, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap, and the GIS user community



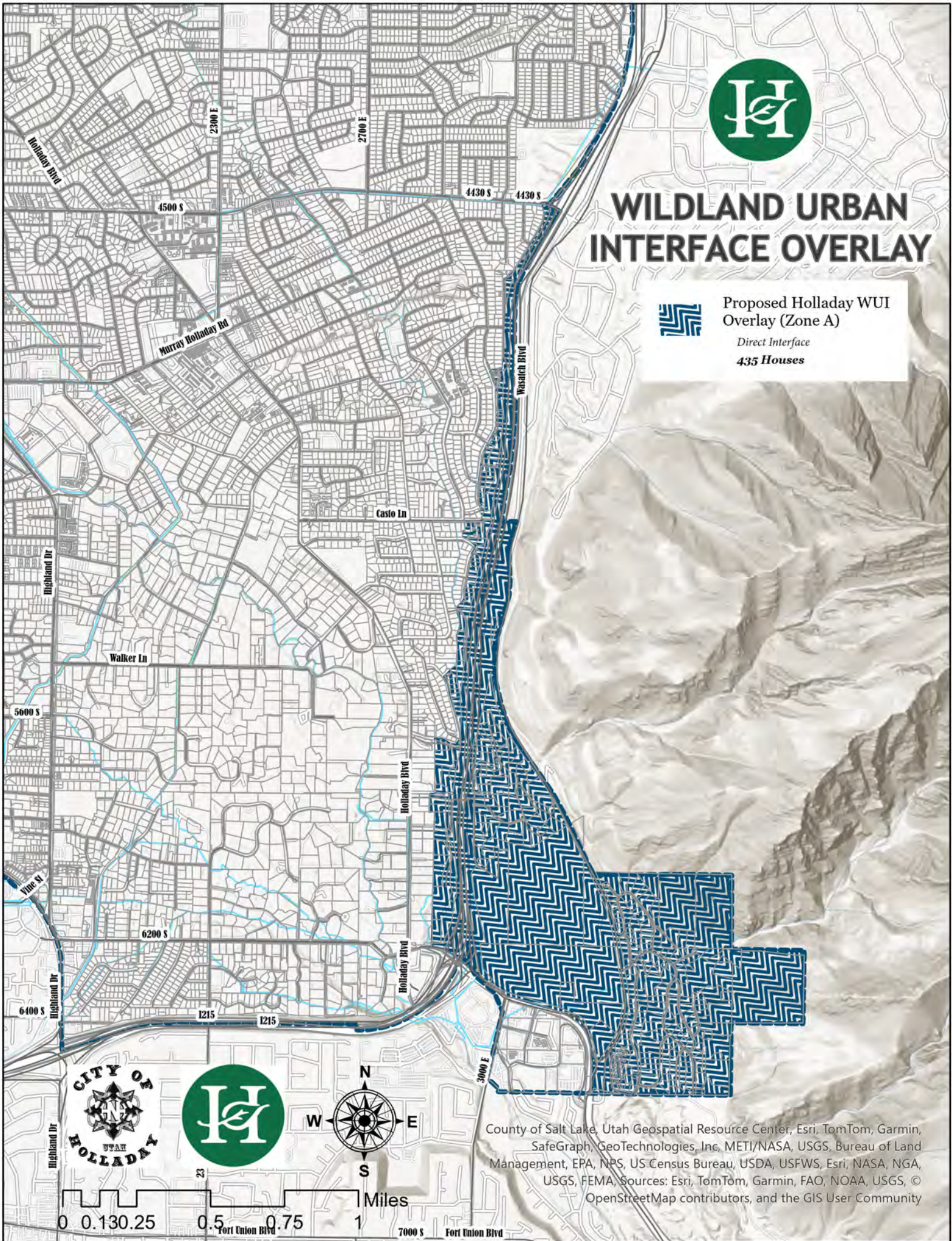
WILDLAND URBAN INTERFACE OVERLAY



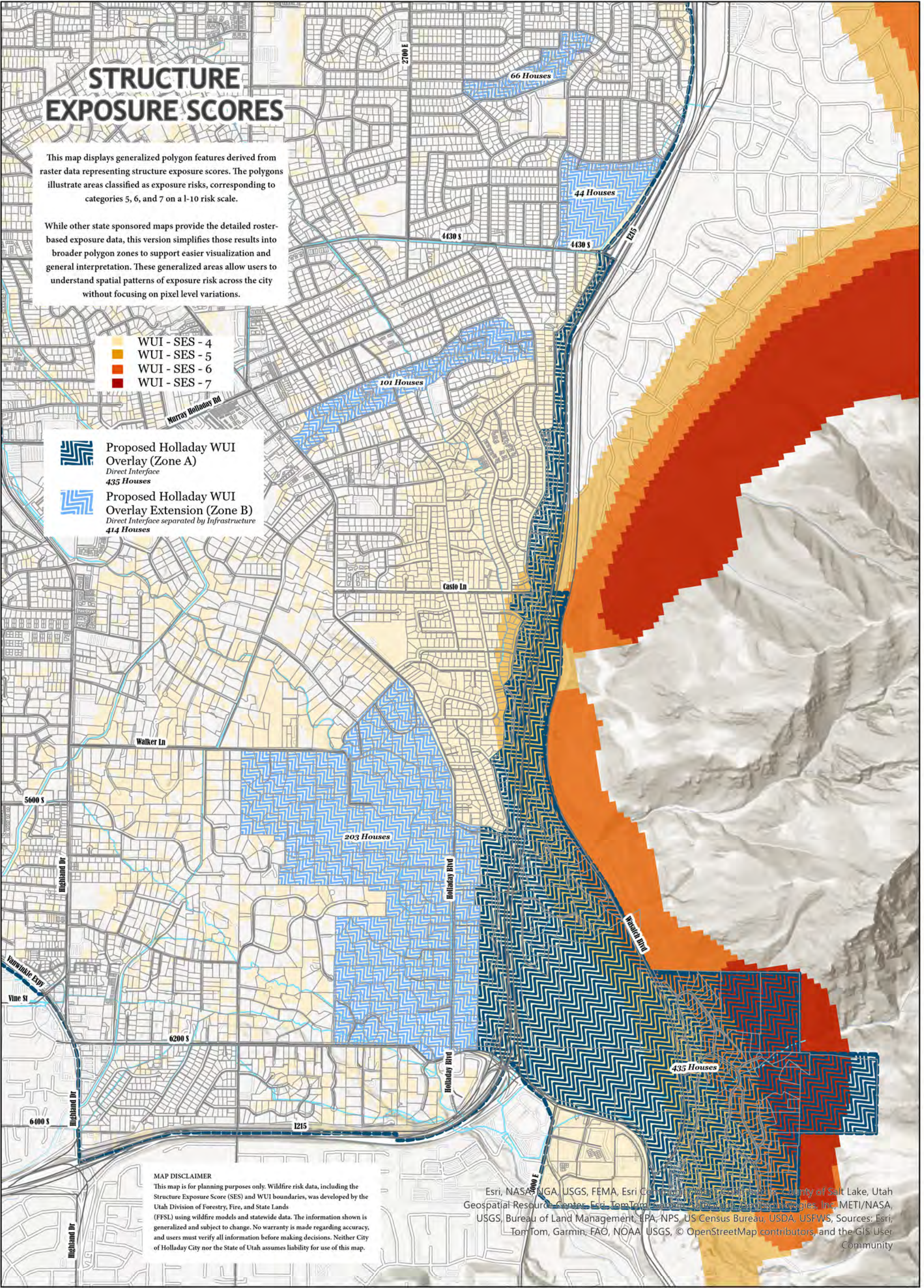
Proposed Holladay WUI
Overlay (Zone A)

Direct Interface

435 Houses



County of Salt Lake, Utah Geospatial Resource Center, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA, USFWS, Esri, NASA, NGA, USGS, FEMA, Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community



City of Holladay

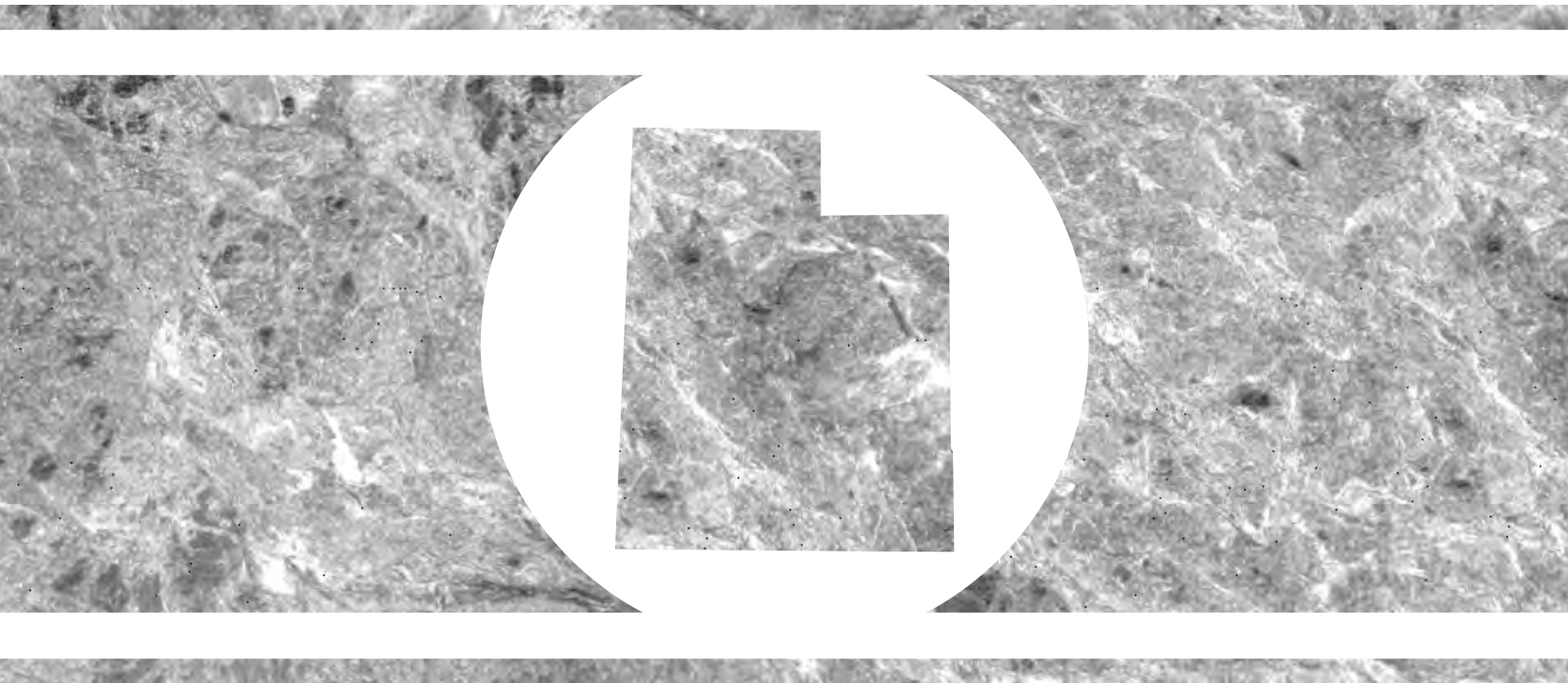
Composite Map

Wildland Urban Interface Overlay Draft*

00.150.30.60.91.2

Miles

2006 UTAH WILDLAND-URBAN INTERFACE CODE



2006 Utah Wildland-Urban Interface Code

First Printing: July 2006
Second Printing: October 2006
Third Printing: March 2007
Fourth Printing: February 2008
Fifth Printing: June 2008

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PREFACE

Introduction

Internationally, code officials recognize the need for a modern, up-to-date code addressing the mitigation of fire in the urban-wildland interface. The *International Wildland-Urban Interface Code*™, in this 2003 edition, is designed to bridge the gap between enforcement of the *International Building Code*® and *International Fire Code*® by mitigating the hazard of wildfires through model code regulations, which safeguard the public health and safety in all communities, large and small.

This comprehensive urban-wildland interface code establishes minimum regulations for land use and the built environment in designated urban-wildland interface areas using prescriptive and performance-related provisions. It is founded on data collected from tests and fire incidents, technical reports and mitigation strategies from around the world. This 2003 edition is fully compatible with all the *International Codes*™ (“I-Codes”™) published by the International Code Council® (ICC®), including the *International Building Code*®, *ICC Electrical Code*™, *International Energy Conservation Code*®, *International Existing Building Code*®, *International Fire Code*®, *International Fuel Gas Code*®, *International Mechanical Code*®, *ICC Performance Code*™, *International Plumbing Code*®, *International Private Sewage Disposal Code*®, *International Property Maintenance Code*®, *International Residential Code*® and *International Zoning Code*®.

The *International Wildland-Urban Interface Code* provisions provide many benefits, including the model code development process, which offers an international forum for fire safety professionals to discuss performance and prescriptive code requirements. This forum provides an excellent arena to debate proposed revisions. This model code also encourages international consistency in the application of provisions.

Development

This is the first edition of the *International Wildland-Urban Interface Code* (2003) and is the culmination of an effort initiated in 2001 by the ICC and the three statutory members of the International Code Council: Building Officials and Code Administrators International, Inc. (BOCA), International Conference of Building Officials (ICBO) and Southern Building Code Congress International (SBCCI). The intent was to draft a comprehensive set of regulations for mitigating the hazard to life and property from the intrusion of fire from wildland exposures and fire from adjacent structures, and preventing structure fires from spreading to wildland fuels. Technical content of the 2000 *Wildland-Urban Interface Code*, published by the International Fire Code Institute, was utilized as the basis for the development, followed by the publication of the 2001 Final Draft. This 2003 edition is based on the Final Draft, with changes approved in the 2002 ICC Code Development Process. A new edition such as this is promulgated every three years.

With the development and publication of the family of *International Codes* in 2000, the continued development and maintenance of the model codes individually promulgated by BOCA (“BOCA National Codes”), ICBO (“Uniform Codes”) and SBCCI (“Standard Codes”) was discontinued. The 2003 *International Codes*, as well as their predecessors—the 2000 *International Codes*—are intended to be the successor set of codes to those codes previously developed by BOCA, ICBO and SBCCI.

The development of a single family of comprehensive and coordinated *International Codes* was a significant milestone in the development of regulations for the built environment. The timing of this publication mirrors a milestone in the change in structure of the model codes, namely, the pending consolidation of BOCA, ICBO and SBCCI into the ICC. The activities and services previously provided by the individual model code organizations will be the responsibility of the consolidated ICC.

This code is founded on principles intended to mitigate the hazard from fires through the development of provisions that adequately protect public health, safety and welfare; provisions that do not unnecessarily increase construction costs; provisions that do not restrict the use of new materials, products or methods of construction; and provisions that do not give preferential treatment to particular types or classes of materials, products or methods of construction.

Adoption

The *International Wildland-Urban Interface Code* is available for adoption and use by jurisdictions internationally. Its use within a governmental jurisdiction is intended to be accomplished through adoption by reference in accordance with proceedings establishing the jurisdiction’s laws. At the time of adoption, jurisdictions should insert the appropriate information in provisions requiring specific local information, such as the name of the adopting jurisdiction. These locations are shown in bracketed words in small capital letters in the code and in the sample ordinance. The sample adoption ordinance on page v addresses several key elements of a code adoption ordinance, including the information required for insertion into the code text.

Maintenance

The *International Wildland-Urban Interface Code* is kept up-to-date through the review of proposed changes submitted by code enforcing officials, industry representatives, design professionals and other interested parties. Proposed changes are carefully considered through an open code development process in which all interested and affected parties may participate.

The contents of this work are subject to change both through the Code Development Cycles and the governmental body that enacts the code into law. For more information regarding the code development process, contact the Code and Standard Development Department of the International Code Council.

Although the development procedure of the *International Wildland-Urban Interface Code* assures the highest degree of care, ICC and the founding members of ICC—BOCA, ICBO and SBCCI—their members and those participating in the development of this code do not accept any liability resulting from compliance or noncompliance with the provisions, because ICC and its founding members do not have the power or authority to police or enforce compliance with the contents of this code. Only the governmental body that enacts the code into law has such authority.

Authority

The Division is required to establish minimum standards for a wildland fire ordinance and specify minimum standards for wildland fire training, certification and wildland fire suppression equipment in accordance with subsections 65A-8-6(3)(a) and 65A-8-6(3)(b). This requirement is promulgated under general rule-making authority of subsection 65A-1-4(2).

ORDINANCE

The *International Codes* are designed and promulgated to be adopted by reference by ordinance. Jurisdictions wishing to adopt the 2003 *International Wildland-Urban Interface Code* as an enforceable regulation for the mitigation of fire in the urban-wildland interface should ensure that certain factual information is included in the adopting ordinance at the time adoption is being considered by the appropriate governmental body. The following sample adoption ordinance addresses several key elements of a code adoption ordinance, including the information required for insertion into the code text.

Minimum Standards for Wildland Fire Ordinance

The division uses the *International Wildland-Urban Interface Code* as a basis for establishing the minimum standards discussed in this document. A county ordinance that at least meets the minimum standards should be in place by September 2006.

The Division incorporates by reference the 2003 *International Code Council Wildland-Urban Interface Code* as the minimum standard for wildland fire ordinance in conjunction with Utah requirements.

SAMPLE ORDINANCE FOR ADOPTION OF THE *INTERNATIONAL WILDLAND-URBAN INTERFACE CODE*

ORDINANCE NO. _____

An ordinance of the [JURISDICTION] adopting the 2003 edition of the *International Wildland-Urban Interface Code* as currently amended by the division of Forestry, Fire and State Lands, regulating and governing the mitigation of hazard to life and property from the intrusion of fire from wildland exposures, fire from adjacent structures and prevention of structure fires from spreading to wildland fuels in the [JURISDICTION]; providing for the issuance of permits and collection of fees therefor; repealing Ordinance No. _____ of the [JURISDICTION] and all other ordinances and parts of the ordinances in conflict therewith.

The [GOVERNING BODY] of the [JURISDICTION] does ordain as follows:

Section 1. That a certain document, three (3) copies of which are on file in the office of the [TITLE OF JURISDICTION'S KEEPER OF RECORDS] of [NAME OF JURISDICTION], being marked and designated as the *International Wildland-Urban Interface Code*, 2003 edition, including Appendix Chapters [FILL IN THE APPENDIX CHAPTERS BEING ADOPTED], as published by the International Code Council, be and is hereby adopted as the Urban-Wildland Interface Code of the [JURISDICTION], in the State of [STATE NAME] for regulating and governing the mitigation of hazard to life and property from the intrusion of fire from wildland exposures, fire from adjacent structures and prevention of structure fires from spreading to wildland fuels as herein provided; providing for the issuance of permits and collection of fees therefor; and each and all of the regulations, provisions, penalties, conditions and terms of said Urban-Wildland Interface Code on file in the office of the [JURISDICTION] are hereby referred to, adopted, and made a part hereof, as if fully set out in this ordinance, with the additions, insertions, deletions and changes, if any, prescribed in Section 2 of this ordinance.

Section 2. The following sections are hereby revised:

Section 101.1. Insert: [NAME OF JURISDICTION]

Section 3. That Ordinance No. _____ of [JURISDICTION] entitled [FILL IN HERE THE COMPLETE TITLE OF THE ORDINANCE OR ORDINANCES IN EFFECT AT THE PRESENT TIME SO THAT THEY WILL BE REPEALED BY DEFINITE MENTION] and all other ordinances or parts of ordinances in conflict herewith are hereby repealed.

Section 4. That if any section, subsection, sentence, clause or phrase of this ordinance is, for any reason, held to be unconstitutional, such decision shall not affect the validity of the remaining portions of this ordinance. The [GOVERNING BODY] hereby declares that it would have passed this ordinance, and each section, subsection, clause or phrase thereof, irrespective of the fact that any one or more sections, subsections, sentences, clauses and phrases be declared unconstitutional.

Section 5. That nothing in this ordinance or in the *Wildland-Urban Interface Code* hereby adopted shall be construed to affect any suit or proceeding impending in any court, or any rights acquired, or liability incurred, or any cause or causes of action acquired or existing, under any act or ordinance hereby repealed as cited in Section 2 of this ordinance; nor shall any just or legal right or remedy of any character be lost, impaired or affected by this ordinance.

Section 6. That the [JURISDICTION'S KEEPER OF RECORDS] is hereby ordered and directed to cause this ordinance to be published. (An additional provision may be required to direct the number of times the ordinance is to be published and to specify that it is to be in a newspaper in general circulation. Posting may also be required.)

Section 7. That this ordinance and the rules, regulations, provisions, requirements, orders and matters established and adopted hereby shall take effect and be in full force and effect [TIME PERIOD] from and after the date of its final passage and adoption.

Section 8. Specific boundaries of natural or man-made features of wildland-urban interface areas shall be as shown on the wildland area interface map. The legal description of such areas is as described as follows: [INSERT LEGAL DESCRIPTION]

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CHAPTER 1

ADMINISTRATION

SECTION 101 GENERAL

101.1 Scope. The provisions of this code shall apply to the construction, alteration, movement, repair, maintenance and use of any building, structure or premises within the urban-wildland interface areas in this jurisdiction.

Buildings or conditions in existence at the time of the adoption of this code are allowed to have their use or occupancy continued, if such condition, use or occupancy was legal at the time of the adoption of this code, provided such continued use does not constitute a distinct danger to life or property.

Buildings or structures moved into or within the jurisdiction shall comply with the provisions of this code for new buildings or structures.

101.2 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.

The development and use of property in wildland-urban interface areas is a potential threat to life and property from fire and resulting erosion. Safeguards to prevent the occurrence of fires and to provide adequate fire-protection facilities to control the spread of fire in wildland-urban interface areas shall be in accordance with this code.

This code shall supplement the jurisdiction's building and fire codes, if such codes have been adopted, to provide for special regulations to mitigate the fire- and life-safety hazards of the wildland-urban interface areas.

101.3 Retroactivity. The provisions of the code shall apply to conditions arising after the adoption thereof, conditions not legally in existence at the adoption of this code, to conditions which, in the opinion of the code official, constitute a distinct hazard to life or property.

101.4 Additions or alterations. Additions or alterations may be made to any building or structure without requiring the existing building or structure to comply with all of the requirements of this code, provided the addition or alteration conforms to that required for a new building or structure.

Exception: Provisions of this code that specifically apply to existing conditions are retroactive. See Section 601.1 and Appendix A.

Additions or alterations shall not be made to an existing building or structure that will cause the existing building or structure to be in violation of any of the provisions of this code nor shall such additions or alterations cause the existing building or structure to become unsafe. An unsafe condition shall be deemed to have been created if an addition or alteration will cause the existing building or structure to become structurally

unsafe or overloaded; will not provide adequate access in compliance with the provisions of this code or will obstruct existing exits or access; will create a fire hazard; will reduce required fire resistance or will otherwise create conditions dangerous to human life.

101.5 Maintenance. All buildings, structures, landscape materials, vegetation, defensible space or other devices or safeguards required by this code shall be maintained in conformance to the code edition under which installed. The owner or the owner's designated agent shall be responsible for the maintenance of buildings, structures, landscape materials and vegetation.

SECTION 102 AUTHORITY OF THE CODE OFFICIAL

102.1 Powers and duties of the code official. The code official is hereby authorized to administer and enforce this code, or designated sections thereof, and all ordinances of the jurisdiction pertaining to designated wildland-urban interface areas. For such purposes, the code official shall have the powers of a law enforcement officer.

102.2 Interpretations, rules and regulations. The code official shall have the power to render interpretations of this code and to adopt and enforce rules and supplemental regulations to clarify the application of its provisions. Such interpretations, rules and regulations shall be in conformance to the intent and purpose of this code.

A copy of such rules and regulations shall be filed with the clerk of the jurisdiction and shall be in effect immediately thereafter. Additional copies shall be available for distribution to the public.

102.3 Liability of the code official. The code official charged with the enforcement of this code, acting in good faith and without malice in the discharge of the duties required by this code or other pertinent law or ordinance, shall not thereby be rendered personally liable for damages that may accrue to persons or property as a result of an act or by reason of an act or omission in the discharge of such duties. A suit brought against the code official or employee because of such act or omission performed by the code official or employee in the enforcement of any provision of such codes or other pertinent laws or ordinances implemented through the enforcement of this code or enforced by the code enforcement agency shall be defended by this jurisdiction until final termination of such proceedings, and any judgment resulting therefrom shall be assumed by this jurisdiction. The code enforcement agency or its parent jurisdiction shall not be held as assuming any liability by reason of the inspections authorized by this code or any permits or certificates issued under this code.

102.4 Other agencies. When requested to do so by the code official, other officials of this jurisdiction shall assist and coop-

erate with the code official in the discharge of the duties required by this code.

SECTION 103 COMPLIANCE ALTERNATIVES

103.1 Practical difficulties. When there are practical difficulties involved in carrying out the provisions of this code, the code official is authorized to grant modifications for individual cases on application in writing by the owner or a duly authorized representative. The code official shall first find that a special individual reason makes enforcement of the strict letter of this code impractical, the modification is in conformance to the intent and purpose of this code, and the modification does not lessen any fire protection requirements or any degree of structural integrity. The details of any action granting modifications shall be recorded and entered into the files of the code enforcement agency.

If the code official determines that difficult terrain, danger of erosion or other unusual circumstances make strict compliance with the vegetation control provisions of the code detrimental to safety or impractical, enforcement thereof may be suspended, provided that reasonable alternative measures are taken.

103.2 Technical assistance. To determine the acceptability of technologies, processes, products, facilities, materials and uses attending the design, operation or use of a building or premises subject to the inspection of the code official, the code official is authorized to require the owner or the person in possession or control of the building or premises to provide, without charge to the jurisdiction, a technical opinion and report. The opinion and report shall be prepared by a qualified engineer, specialist, laboratory or fire safety specialty organization acceptable to the code official and the owner and shall analyze the fire safety of the design, operation or use of the building or premises, the facilities and appurtenances situated thereon and fuel management for purposes of establishing fire hazard severity to recommend necessary changes.

103.3 Alternative materials or methods. The code official, in concurrence with approval from the building official and fire chief, is authorized to approve alternative materials or methods, provided that the code official finds that the proposed design, use or operation satisfactorily complies with the intent of this code and that the alternative is, for the purpose intended, at least equivalent to the level of quality, strength, effectiveness, fire resistance, durability and safety prescribed by this code. Approvals under the authority herein contained shall be subject to the approval of the building official whenever the alternate material or method involves matters regulated by the *International Building Code*.

The code official shall require that sufficient evidence or proof be submitted to substantiate any claims that may be made regarding its use. The details of any action granting approval of an alternate shall be recorded and entered in the files of the code enforcement agency.

SECTION 104 APPEALS

104.1 General. To determine the suitability of alternative materials and methods and to provide for reasonable interpretations of the provisions of this code, there shall be and hereby is created a board of appeals consisting of five members who are qualified by experience and training to pass judgment on pertinent matters. The code official, building official and fire chief shall be ex officio members, and the code official shall act as secretary of the board. The board of appeals shall be appointed by the legislative body and shall hold office at their discretion. The board shall adopt reasonable rules and regulations for conducting its investigations and shall render decisions and findings in writing to the code official, with a duplicate copy to the applicant.

104.2 Limitations of authority. The board of appeals shall not have authority relative to interpretation of the administrative provisions of this code and shall not have authority to waive requirements of this code.

SECTION 105 PERMITS

105.1 General. When not otherwise provided in the requirements of the building or fire code, permits are required in accordance with Section 105.

105.2 Permits required. Unless otherwise exempted, no building or structure regulated by this code shall be erected, constructed, altered, repaired, moved, removed, converted or demolished unless a separate permit for each building or structure has first been obtained from the code official.

When required by the code official, a permit shall be obtained for the following activities, operations, practices or functions within an wildland-urban interface area:

1. Automobile wrecking yard;
2. Candles and open flames in assembly areas;
3. Explosives or blasting agents;
4. Fireworks;
5. Flammable or combustible liquids;
6. Hazardous materials;
7. Liquefied petroleum gases;
8. Lumberyards;
9. Motor vehicle fuel-dispensing stations;
10. Open burning;
11. Pyrotechnical special effects material;
12. Tents, canopies and temporary membrane structures;
13. Tire storage;
14. Welding and cutting operations; or
15. Other activities as determined by the code official.

105.3 Work exempt from permit. Unless otherwise provided in the requirements of the building or fire code, a permit shall not be required for the following:

1. One-story detached accessory buildings used as tool and storage sheds, playhouses and similar uses, provided the floor area does not exceed 120 square feet (11.15 m²) and

the structure is located more than 50 feet (15 240 mm) from the nearest adjacent structure.

2. Fences not over 6 feet (1829 mm) high.

Exemption from the permit requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this jurisdiction.

The code official is authorized to stipulate conditions for permits. Permits shall not be issued when public safety would be at risk, as determined by the code official.

105.4 Permit application. To obtain a permit, the applicant shall first file an application therefor in writing on a form furnished by the code enforcement agency for that purpose. Every such application shall:

1. Identify and describe the work, activity, operation, practice or function to be covered by the permit for which application is made.
2. Describe the land on which the proposed work, activity, operation, practice or function is to be done by legal description, street address or similar description that will readily identify and definitely locate the proposed building, work, activity, operation, practice or function.
3. Indicate the use or occupancy for which the proposed work, activity, operation, practice or function is intended.
4. Be accompanied by plans, diagrams, computation and specifications and other data as required in Section 106 of this code.
5. State the valuation of any new building or structure or any addition, remodeling or alteration to an existing building.
6. Be signed by the applicant or the applicant's authorized agent.
7. Give such other data and information as may be required by the code official.

105.5 Permit approval. Before a permit is issued, the code official, or an authorized representative, shall review and approve all permitted uses, occupancies or structures. Where laws or regulations are enforceable by other agencies or departments, a joint approval shall be obtained from all agencies or departments concerned.

105.6 Permit issuance. The application, plans, specifications and other data filed by an applicant for a permit shall be reviewed by the code official. If the code official finds that the work described in an application for a permit and the plan, specifications and other data filed therewith conform to the requirements of this code, the code official is allowed to issue a permit to the applicant.

When the code official issues the permit, the code official shall endorse in writing or stamp the plans and specifications APPROVED. Such approved plans and specifications shall not be changed, modified or altered without authorization from the code official, and all work regulated by this code shall be done in accordance with the approved plans.

105.7 Validity of permit. The issuance or granting of a permit or approval of plans, specifications and computations shall

not be construed to be a permit for, or an approval of, any violation of any of the provisions of this code or of any other ordinance of the jurisdiction. Permits presuming to give authority to violate or conceal the provisions of this code or other ordinances of the jurisdiction shall not be valid.

105.8 Expiration. Every permit issued by the code official under the provisions of this code shall expire by limitation and become null and void if the building, use or work authorized by such permit is not commenced within 180 days from the date of such permit, or if the building, use or work authorized by such permit is suspended or abandoned at any time after the work is commenced for a period of 180 days.

Any permittee holding an unexpired permit may apply for an extension of the time within which work may commence under that permit when the permittee is unable to commence work within the time required by this section for good and satisfactory reasons. The code official may extend the time for action by the permittee for a period not exceeding 180 days on written request by the permittee showing that circumstances beyond the control of the permittee have prevented action from being taken. No permit shall be extended more than once.

105.9 Retention of permits. Permits shall at all times be kept on the premises designated therein and shall at all times be subject to inspection by the code official or other authorized representative.

105.10 Revocation of permits. Permits issued under this code may be suspended or revoked when it is determined by the code official that:

1. It is used by a person other than the person to whom the permit was issued.
2. It is used for a location other than that for which the permit was issued.
3. Any of the conditions or limitations set forth in the permit have been violated.
4. The permittee fails, refuses or neglects to comply with any order or notice duly served on him under the provisions of this code within the time provided therein.
5. There has been any false statement or misrepresentation as to material fact in the application or plans on which the permit or application was made.
6. When the permit is issued in error or in violation of any other ordinance, regulations or provisions of this code.

The code official is allowed to, in writing, suspend or revoke a permit issued under the provisions of this code whenever the permit is issued in error or on the basis of incorrect information supplied, or in violation of any ordinance or regulation or any of the provisions of this code.

SECTION 106 PLANS AND SPECIFICATIONS

106.1 General. Plans, engineering calculations, diagrams and other data shall be submitted in at least two sets with each application for a permit. When such plans are not prepared by an architect or engineer, the code official may require the applicant submitting such plans or other data to demonstrate that state law does not require that the plans be prepared by a li-

censed architect or engineer. The code official may require plans, computations and specifications to be prepared and designed by an architect or engineer licensed by the state to practice as such even if not required by state law.

Exception: Submission of plans, calculations, construction inspection requirements and other data, if it is found that the nature of the work applied for is such that reviewing of plans is not necessary to obtain compliance with this code.

106.2 Information on plans and specifications. Plans and specifications shall be drawn to scale upon substantial paper or cloth and shall be of sufficient clarity to indicate the location, nature and extent of the work proposed, and show in detail that it will conform to the provisions of this code and all relevant laws, ordinances, rules and regulations.

106.3 Site plan. In addition to the requirements for plans in the *International Building Code*, site plans shall include topography, width and percent of grade of access roads, landscape and vegetation details, locations of structures or building envelopes, existing or proposed overhead utilities, occupancy classification of buildings, types of ignition-resistant construction of buildings, structures and their appendages, roof classification of buildings, and site water supply systems.

106.4 Vegetation management plans. When utilized by the permit applicant pursuant to Section 502, 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.

106.5 Fire protection plan. When required by the code official pursuant to Section 405, a fire protection plan shall be prepared and shall be submitted to the code official for review and approved as a part of the plans required for a permit.

106.6 Other data and substantiation. When required by the code official, the plans and specifications shall include classification of fuel loading, fuel model light, medium or heavy, and substantiating data to verify classification of fire-resistive vegetation.

106.7 Vicinity plan. In addition to the requirements for site plans, plans shall include details regarding the vicinity within 300 feet (91 440 mm) of property lines, including other structures, slope, vegetation, fuel breaks, water supply systems and access roads.

106.8 Retention of plans. One set of approved plans, specifications and computations shall be retained by the code official for a period of not less than 90 days from date of completion of the work covered therein; and one set of approved plans and specifications shall be returned to the applicant, and said set shall be kept on the site of the building, use or work at all times during which the work authorized thereby is in progress.

SECTION 107 INSPECTION AND ENFORCEMENT

107.1 Inspection.

107.1.1 General. All construction or work for which a permit is required by this code shall be subject to inspection by the code official and all such construction or work shall

remain accessible and exposed for inspection purposes until approved by the code official.

It shall be the duty of the permit applicant to cause the work to remain accessible and exposed for inspection purposes. Neither the code official nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this code or of other ordinances of the jurisdiction shall not be valid.

A survey of the lot may be required by the code official to verify that the mitigation features are provided and the building or structure is located in accordance with the approved plans.

107.1.2 Authority to inspect. The code official shall inspect, as often as necessary, buildings and premises, including such other hazards or appliances designated by the code official for the purpose of ascertaining and causing to be corrected any conditions that could reasonably be expected to cause fire or contribute to its spread, or any violation of the purpose of this code and of any other law or standard affecting fire safety.

107.1.3 Reinspections. To determine compliance with this code, the code official may cause a structure to be reinspected. A fee may be assessed for each inspection or reinspection when such portion of work for which inspection is called is not complete or when corrections called for are not made.

Reinspection fees may be assessed when the approved plans are not readily available to the inspector, for failure to provide access on the date for which inspection is requested or for deviating from plans requiring the approval of the code official.

To obtain a reinspection, the applicant shall pay the reinspection fee as set forth in the fee schedule adopted by the jurisdiction. When reinspection fees have been assessed, no additional inspection of the work will be performed until the required fees have been paid.

107.2 Enforcement.

107.2.1 Authorization to issue corrective orders and notices. When the code official finds any building or premises that are in violation of this code, the code official is authorized to issue corrective orders and notices.

107.2.2 Service of orders and notices. Orders and notices authorized or required by this code shall be given or served on the owner, operator, occupant or other person responsible for the condition or violation either by verbal notification, personal service, or delivering the same to, and leaving it with, a person of suitable age and discretion on the premises; or, if no such person is found on the premises, by affixing a copy thereof in a conspicuous place on the door to the entrance of said premises and by mailing a copy thereof to such person by registered or certified mail to the person's last known address.

Orders or notices that are given verbally shall be confirmed by service in writing as herein provided.

107.3 Right of entry. Whenever necessary to make an inspection to enforce any of the provisions of this code, or whenever the code official has reasonable cause to believe that there exists in any building or on any premises any condition that makes such building or premises unsafe, the code official is authorized to enter such building or premises at all reasonable times to inspect the same or to perform any duty authorized by this code, provided that if such building or premises is occupied, the code official shall first present proper credentials and request entry; and if such building or premises is unoccupied, the code official shall first make a reasonable effort to locate the owner or other persons having charge or control of the building or premises and request entry.

If such entry is refused, the code official shall have recourse to every remedy provided by law to secure entry. Owners, occupants or any other persons having charge, care or control of any building or premises, shall, after proper request is made as herein provided, promptly permit entry therein by the code official for the purpose of inspection and examination pursuant to this code.

107.4 Compliance with orders and notices.

107.4.1 General compliance. Orders and notices issued or served as provided by this code shall be complied with by the owner, operator, occupant or other person responsible for the condition or violation to which the corrective order or notice pertains.

If the building or premises is not occupied, such corrective orders or notices shall be complied with by the owner.

107.4.2 Compliance with tags. A building or premises shall not be used when in violation of this code as noted on a tag affixed in accordance with Section 107.4.1.

107.4.3 Removal and destruction of signs and tags. A sign or tag posted or affixed by the code official shall not be mutilated, destroyed or removed without authorization by the code official.

107.4.4 Citations. Persons operating or maintaining an occupancy, premises or vehicle subject to this code who allow a hazard to exist or fail to take immediate action to abate a hazard on such occupancy, premises or vehicle when ordered or notified to do so by the code official shall be guilty of a misdemeanor.

107.4.5 Unsafe conditions. Buildings, structures or premises that constitute a fire hazard or are otherwise dangerous to human life, or which in relation to existing use constitute a hazard to safety or health or public welfare, by reason of inadequate maintenance, dilapidation, obsolescence, fire hazard, disaster damage or abandonment as specified in this code or any other ordinance, are unsafe conditions. Unsafe buildings or structures shall not be used. Unsafe buildings are hereby declared to be public nuisances and shall be abated by repair, rehabilitation, demolition or removal, pursuant to applicable state and local laws and codes.

SECTION 108 CERTIFICATE OF COMPLETION

No building, structure or premises shall be used or occupied, and no change in the existing occupancy classification of a building, structure, premise or portion thereof shall be made until the code official has issued a certificate of completion therefor as provided herein. The certificate of occupancy shall not be issued until the certificate of completion indicating that the project is in compliance with this code has been issued by the code official.

Issuance of a certificate of occupancy shall not be construed as an approval of a violation of the provisions of this code or of other pertinent laws and ordinances of the jurisdiction. Certificates presuming to give authority to violate or cancel the provisions of this code or other laws or ordinances of the jurisdiction shall not be valid.

CHAPTER 2

DEFINITIONS

SECTION 201 GENERAL

201.1 Scope. Unless otherwise expressly stated, the following words and terms shall, for the purposes of this code, have the meanings shown in this chapter.

201.2 Interchangeability. Words stated in the present tense include the future; words stated in the masculine gender include the feminine and neuter, and the singular number includes the plural and the plural the singular.

201.3 Terms defined in other codes. Where terms are not defined in this code and are defined in other *International Codes*, such terms shall have the meanings ascribed to them as in those codes.

201.4 Terms not defined. Where terms are not defined through the methods authorized by this section, such terms shall have their ordinarily accepted meanings such as the context implies.

SECTION 202 DEFINITIONS

ACCESSORY STRUCTURE. A building or structure used to shelter or support any material, equipment, chattel or occupancy other than a habitable building.

APPROVED. Approval by the code official as the result of review, investigation or tests conducted by the code official or by reason of accepted principles or tests by national authorities, or technical or scientific organizations.

BRUSH, SHORT. Low-growing species that reach heights of 1 to 3 feet. Sagebrush, snowberry and rabbitbrush are some varieties.

BRUSH, TALL. Arbor-like varieties of brush species and/or short varieties of broad-leaf trees that grow in compact groups or clumps. These groups or clumps reach heights of 4 to 20 feet. In Utah, this includes primary varieties of oak, maples, chokecherry, serviceberry and mahogany, but may also include other species.

BUILDING. Any structure used or intended for supporting or sheltering any use or occupancy.

BUILDING OFFICIAL. The officer or other designated authority charged with the administration and enforcement of the *International Building Code*, or the building official's duly authorized representative.

CERTIFICATE OF COMPLETION. Written documentation that the project or work for which a permit was issued has been completed in conformance with requirements of this code.

CODE OFFICIAL. The official designated by the jurisdiction to interpret and enforce this code, or the code official's authorized representative.

DEFENSIBLE SPACE. An area either natural or man-made, where material capable of allowing a fire to spread unchecked has been treated, cleared or modified to slow the rate and intensity of an advancing wildfire and to create an area for fire suppression operations to occur.

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

FIRE AREA. The floor area, in square feet (square meters), used to determine the adequate water supply.

FIRE CHIEF. The chief officer or the chief officer's authorized representative of the fire department serving the jurisdiction.

FIRE PROTECTION PLAN. A document prepared for a specific project or development proposed for the wildland-urban interface area. It describes ways to minimize and mitigate the fire problems created by the project or development, with the purpose of reducing impact on the community's fire protection delivery system.

FIRE WEATHER. Weather conditions favorable to the ignition and rapid spread of fire. In wildfires, this generally includes high temperatures combined with strong winds and low humidity.

FIRE-RESISTANCE-RATED CONSTRUCTION. The use of materials and systems in the design and construction of a building or structure to safeguard against the spread of fire within a building or structure and the spread of fire to or from buildings or structures to the wildland-urban interface area.

FLAME SPREAD RATING. As used herein refers to rating obtained according to tests conducted as specified by a nationally recognized standard.

FUEL BREAK. An area, strategically located for fighting anticipated fires, where the native vegetation has been permanently modified or replaced so that fires burning into it can be more easily controlled. Fuel breaks divide fire-prone areas into smaller areas for easier fire control and to provide access for fire fighting.

FUEL, HEAVY. Vegetation consisting of round wood 3 inches (76 mm) or larger in diameter. The amount of fuel (vegetation) would be 6 tons per acre or greater.

FUEL, LIGHT. Vegetation consisting of herbaceous and round wood less than 1/4 inch (6.4 mm) in diameter. The amount of fuel (vegetation) would be 1/2 ton to 2 tons per acre.

FUEL, MEDIUM. Vegetation consisting of round wood 1/4 to 3 inches (6.4mm to 76 mm) in diameter. The amount of fuel (vegetation) would be 2 to 6 tons per acre.

FUEL MODIFICATION. A method of modifying fuel load by reducing the amount of nonfire-resistive vegetation or altering the type of vegetation to reduce the fuel load.

DEFINITIONS

FUEL MOSAIC. A fuel modification system that provides for the creation of islands and irregular boundaries to reduce the visual and ecological impact of fuel modification.

FUEL-LOADING. The oven-dry weight of fuels in a given area, usually expressed in pounds per acre (lb/a) (kg/ha). Fuel loading may be referenced to fuel size or timelag categories, and may include surface fuels or total fuels.

GREENBELT. A fuel break designated for a use other than fire protection.

HAZARDOUS MATERIALS. As defined in the *International Fire Code*.

HEAVY TIMBER CONSTRUCTION. As described in the *International Building Code*.

INSURANCE SERVICES OFFICE (ISO). An agency that recommends fire insurance rates based on a grading schedule that incorporates evaluation of fire fighting resources and capabilities.

LEGISLATIVE BODY. The governing body of the political jurisdiction administering this code.

LOG WALL CONSTRUCTION. A type of construction in which exterior walls are constructed of solid wood members and where the smallest horizontal dimension of each solid wood member is at least 6 inches (152 mm).

MULTILAYERED GLAZED PANELS. Window or door assemblies that consist of two or more independently glazed panels installed parallel to each other, having a sealed air gap in between, within a frame designed to fill completely the window or door opening in which the assembly is intended to be installed.

NONCOMBUSTIBLE. As applied to building construction material means a material that, in the form in which it is used, is either one of the following:

1. Material of which no part will ignite and burn when subjected to fire. Any material conforming to ASTM E 136 shall be considered noncombustible within the meaning of this section.
2. Material having a structural base of noncombustible material as defined in Item 1 above, with a surfacing material not over $\frac{1}{8}$ inch (3.2 mm) thick, which has a flame-spread rating of 50 or less. Flame-spread rating as used herein refers to rating obtained according to tests conducted as specified in ASTM E 84.

“Noncombustible” does not apply to surface finish materials. Material required to be noncombustible for reduced clearances to flues, heating appliances or other sources of high temperature shall refer to material conforming to Item 1. No material shall be classed as noncombustible that is subject to increase in combustibility or flame-spread rating, beyond the limits herein established, through the effects of age, moisture or other atmospheric condition.

NONCOMBUSTIBLE ROOF COVERING. One of the following:

1. Cement shingles or sheets.
2. Exposed concrete slab roof.
3. Ferrous or copper shingles or sheets.

4. Slate shingles.

5. Clay or concrete roofing tile.

6. Approved roof covering of noncombustible material.

SLOPE. The variation of terrain from the horizontal; the number of feet (meters) rise or fall per 100 feet (30 480 mm) measured horizontally, expressed as a percentage.

STRUCTURE. That which is built or constructed, an edifice or building of any kind, or any piece of work artificially built up or composed of parts joined together in some manner.

TREE CROWN. The primary and secondary branches growing out from the main stem, together with twigs and foliage.

UNENCLOSED ACCESSORY STRUCTURE. An accessory structure without a complete exterior wall system enclosing the area under roof or floor above.

WILDFIRE. An uncontrolled fire spreading through vegetative fuels, exposing and possibly consuming structures.

WILDLAND. An area in which development is essentially nonexistent, except for roads, railroads, power lines and similar facilities.

WILDLAND URBAN INTERFACE. The line, area or zone where structures or other human development (including critical infrastructure that if destroyed would result in hardship to communities) meet or intermingle with undeveloped wildland or vegetative fuel.

CHAPTER 3

WILDLAND-URBAN INTERFACE AREAS

SECTION 301 WILDLAND-URBAN INTERFACE AREA DESIGNATIONS

301.1 Declaration. The legislative body shall declare the wildland-urban interface areas within the jurisdiction. The urban-wildland interface areas shall be based on the maps created in accordance with Section 301.

301.2 Mapping. In cooperation, the code official and the Division of Forestry, Fire and State Lands (FFSL) wildfire representative (per participating agreement between county and FFSL) will create or review Wildland-Urban Interface Area maps, to be recorded and filed with the clerk of the jurisdiction. These areas shall become effective immediately thereafter.

301.3 Review of wildland-urban interface areas. The code official and the FFSL wildfire representative shall reevaluate and recommend modification to the wildland-urban interface areas in accordance with Section 301.1 on a three-year basis or more frequently as deemed necessary by the legislative body.

CHAPTER 4

WILDLAND-URBAN INTERFACE AREA REQUIREMENTS

SECTION 401 GENERAL

401.1 Scope. Wildland-urban interface areas shall be provided with emergency vehicle access and water supply in accordance with this chapter.

401.2 Objective. The objective of this chapter is to establish the minimum requirements for emergency vehicle access and water supply for buildings and structures located in the wildland-urban interface areas.

401.3 General safety precautions. General safety precautions shall be in accordance with this chapter. See also Appendix A.

SECTION 402 APPLICABILITY

402.1 Subdivisions.

402.1.1 Access. New subdivisions, as determined by this jurisdiction, shall be provided with fire apparatus access roads in accordance with the *International Fire Code* and access requirements in accordance with Section 403.

402.1.2 Water supply. New subdivisions as determined by this jurisdiction shall be provided with water supply in accordance with Section 404.

402.2 Individual structures.

402.2.1 Access. Individual structures hereafter constructed or relocated into or within wildland-urban interface areas shall be provided with fire apparatus access in accordance with the *International Fire Code* and driveways in accordance with Section 403.2. Marking of fire protection equipment shall be provided in accordance with Section 403.5 and address markers shall be provided in accordance with Section 403.6.

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.

Exceptions:

1. Structures constructed to meet the requirements for the class of ignition-resistant construction specified in Table 503.1 for a nonconforming water supply.
2. Buildings containing only private garages, carports, sheds and agricultural buildings with a floor area of not more than 600 square feet (56 m²).

SECTION 403 ACCESS

403.1 Restricted access. Where emergency vehicle access is restricted because of secured access roads or driveways or where immediate access is necessary for life-saving or fire-fighting purposes, the code official is authorized to require a key box to be installed in an accessible location. The key box shall be of a type approved by the code official and shall contain keys to gain necessary access as required by the code official.

403.2 Driveways. Driveways shall be provided when any portion of an exterior wall of the first story of a building is located more than 150 feet (45 720 mm) from a fire apparatus access road. Driveways shall provide a minimum unobstructed width of 12 feet (3658 mm) and a minimum unobstructed height of 13 feet 6 inches (4115 mm). Driveways in excess of 150 feet (45 720 mm) in length shall be provided with turnarounds. Driveways in excess of 200 feet (60 960 mm) in length and less than 20 feet (6096 mm) in width shall be provided with turnouts in addition to turnarounds.

A driveway shall not serve in excess of five dwelling units.

Driveway turnarounds shall have inside turning radii of not less than 30 feet (9144 mm) and outside turning radii of not less than 45 feet (13 716 mm). Driveways that connect with a road or roads at more than one point may be considered as having a turnaround if all changes of direction meet the radii requirements for driveway turnarounds.

Driveway turnouts shall be an all-weather road surface at least 10 feet (3048 mm) wide and 30 feet (9144 mm) long. Driveway turnouts shall be located as required by the code official.

Vehicle load limits shall be posted at both entrances to bridges on driveways and private roads. Design loads for bridges shall be established by the code official.

403.3 Fire apparatus access road. When required, fire apparatus access roads shall be all-weather roads with a minimum width of 20 feet (6096 mm) and a clear height of 13 feet 6 inches (4115 mm); shall be designed to accommodate the loads and turning radii for fire apparatus; and have a gradient negotiable by the specific fire apparatus normally used at that location within the jurisdiction. Dead-end roads in excess of 150 feet (45 720 mm) in length shall be provided with turnarounds as approved by the code official. An all-weather road surface shall be any surface material acceptable to the code official that would normally allow the passage of emergency service vehicles to protect structures and wildlands within the jurisdiction.

403.4 Marking of roads. Approved signs or other approved notices shall be provided and maintained for access roads and driveways to identify such roads and prohibit the obstruction thereof or both.

All road identification signs and supports shall be of noncombustible materials. Signs shall have minimum 4-inch-high (102 mm) reflective letters with $\frac{1}{2}$ inch (12.7 mm) stroke on a contrasting 6-inch-high (152 mm) sign. Road identification signage shall be mounted at a height of 7 feet (2134 mm) from the road surface to the bottom of the sign.

403.5 Marking of fire protection equipment. Fire protection equipment and fire hydrants shall be clearly identified in a manner approved by the code official to prevent obstruction.

403.6 Address markers. All buildings shall have a permanently posted address, which shall be placed at each driveway entrance and be visible from both directions of travel along the road. In all cases, the address shall be posted at the beginning of construction and shall be maintained thereafter, and the address shall be visible and legible from the road on which the address is located.

Address signs along one-way roads shall be visible from both the intended direction of travel and the opposite direction.

Where multiple addresses are required at a single driveway, they shall be mounted on a single post, and additional signs shall be posted at locations where driveways divide.

Where a roadway provides access solely to a single commercial or industrial business, the address sign shall be placed at the nearest road intersection providing access to that site.

403.7 Grade. The gradient for fire apparatus access roads and driveways shall not exceed the maximum approved by the code official. It will be up to the code official to ascertain the standard based on local fire equipment grade not to exceed 12 percent.

SECTION 404 WATER SUPPLY

404.1 General. When provided in order to qualify as a conforming water supply for the purpose of Table 503.1, an approved water source shall have an adequate water supply for the use of the fire protection service to protect buildings and structures from exterior fire sources or to suppress structure fires within the wildland-urban interface area of the jurisdiction in accordance with this section.

404.2 Water sources. The point at which a water source is available for use shall be located not more than 1,000 feet (305 m) from the building and be approved by the code official. The distance shall be measured along an unobstructed line of travel.

Water sources shall comply with the following:

1. Man-made water sources shall have a minimum usable water volume as determined by the adequate water supply needs in accordance with Section 404.5. This water source shall be equipped with an approved hydrant. The water level of the water source shall be maintained by rainfall, water pumped from a well, water hauled by a tanker, or by seasonal high water of a stream or river. The design, construction, location, water level maintenance, access, and access maintenance of man-made water sources shall be approved by the code official.
2. Natural water sources shall have a minimum annual water level or flow sufficient to meet the adequate water supply needs in accordance with Section 404.5. This wa-

ter level or flow shall not be rendered unusable because of freezing. This water source shall have an approved draft site with an approved hydrant. Adequate water flow and rights for access to the water source shall be ensured in a form acceptable to the code official.

404.3 Draft sites. Approved draft sites shall be provided at all natural water sources intended for use as fire protection for compliance with this code. The design, construction, location, access and access maintenance of draft sites shall be approved by the code official.

The pumper access point shall be either an emergency vehicle access area alongside a conforming access road or an approved driveway no longer than 150 feet (45 720 mm). Pumper access points and access driveways shall be designed and constructed in accordance with all codes and ordinances enforced by this jurisdiction. Pumper access points shall not require the pumper apparatus to obstruct a road or driveway.

404.4 Hydrants. All hydrants shall be designed and constructed in accordance with nationally recognized standards. The location and access shall be approved by the code official.

404.5 Adequate water supply. Adequate water supply shall be determined for purposes of initial attack and flame front control by the local jurisdiction. NFPA 1142 may be used as a reference.

404.6 Fire department. The water system required by this code can only be considered conforming for purposes of determining the level of ignition-resistant construction (see Table 503.1).

404.7 Obstructions. Access to all water sources required by this code shall be unobstructed at all times. The code official shall not be deterred or hindered from gaining immediate access to water source equipment, fire protection equipment or hydrants.

404.8 Identification. Water sources, draft sites, hydrants and fire protection equipment shall be clearly identified in a manner approved by the code official to identify location and to prevent obstruction by parking and other obstructions.

404.9 Testing and maintenance. Water sources, draft sites, hydrants and other fire protection equipment required by this code shall be subject to periodic tests as required by the code official. Code official shall establish a periodic testing schedule. Costs are to be covered by the water provider. All such equipment installed under the provisions of this code shall be maintained in an operative condition at all times and shall be repaired or replaced where defective. Additions, repairs, alterations and servicing of such fire protection equipment and resources shall be in accordance with approved standards. Mains and appurtenances shall be installed in accordance with NFPA 24. Water tanks for private fire protection shall be installed in accordance with NFPA 22. The costs are to be covered by the water provider.

404.10 Reliability.

404.10.1 Objective. The objective of this section is to increase the reliability of water supplies by reducing the exposure of vegetative fuels to electrically powered systems.

404.10.2 Clearance of fuel. Defensible space shall be provided around water tank structures, water supply pumps and pump houses in accordance with Section 603.

404.10.3 Standby power. Stationary water supply facilities within the wildland-urban interface area dependent on electrical power supplied by power grid to meet adequate water supply demands shall provide functional standby power systems in accordance with the ICC *Electrical Code* to ensure that an uninterrupted water supply is maintained. The standby power source shall be capable of providing power for a minimum of two hours.

Exceptions: When approved by the code official, a standby power supply is not required where the primary power service to the stationary water supply facility is underground or there is an on-site generator.

SECTION 405 FIRE PROTECTION PLAN

405.1 Purpose. The plan is to provide a basis to determine overall compliance with this code, for determination of Ignition Resistant Construction (IRC) (see Table 503.1) and for determining the need for alternative materials and methods.

405.2 General. When required by the code official, a fire protection plan shall be prepared and approved prior to the first building permit issuance or subdivision approval.

405.3 Content. The plan shall be based upon a site-specific wildfire risk assessment that includes considerations of location, topography, aspect, flammable vegetation, climatic conditions and fire history. The plan shall address water supply, access, building ignition and fire-resistance factors, fire protection systems and equipment, defensible space and vegetation management.

405.4 Cost. The cost of fire protection plan preparation and review shall be the responsibility of the applicant.

405.5 Plan retention. The fire protection plan shall be retained by the code official.

CHAPTER 5

SPECIAL BUILDING CONSTRUCTION REGULATIONS

SECTION 501 GENERAL

501.1 Scope. Buildings and structures shall be constructed in accordance with the *International Building Code* and this code.

Exceptions:

1. Accessory structures not exceeding 120 square feet (11 m²) in floor area when located at least 50 feet (15 240 mm) from buildings containing habitable spaces.
2. Agricultural buildings at least 50 feet (15 240 mm) from buildings containing habitable spaces.

501.2 Objective. The objective of this chapter is to establish minimum standards to locate, design and construct buildings and structures or portions thereof for the protection of life and property, to resist damage from wildfires, and to mitigate building and structure fires from spreading to wildland fuels. The minimum standards set forth in this chapter vary with the critical fire weather, slope and fuel type to provide increased protection, above the requirements set forth in the *International Building Code*, from the various levels of hazards.

SECTION 502 FIRE HAZARD SEVERITY

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 Appendix C.

The fire hazard severity is allowed to be reduced by implementing a vegetation management plan in accordance with Appendix B.

SECTION 503 IGNITION-RESISTANT CONSTRUCTION

503.1 General. Buildings and structures hereafter constructed, modified or relocated into or within wildland-urban interface areas shall meet the construction requirements in accordance with Table 503.1. Class 1, Class 2 or Class 3 ignition-resistant construction shall be in accordance with Sections 504, 505 and 506, respectively.

SECTION 504 CLASS 1 IGNITION-RESISTANT CONSTRUCTION

504.1 General. Class 1 ignition-resistant construction shall be in accordance with Section 504.

504.2 Roof covering. Roofs shall have a Class A roof covering or a Class A roof assembly. For roof coverings where the profile allows a space between the roof covering and roof decking, the space at the eave ends shall be firestopped to preclude entry of flames or embers.

**TABLE 503.1
IGNITION-RESISTANT CONSTRUCTION^a**

DEFENSIBLE SPACE ^c	FIRE HAZARD SEVERITY					
	Moderate Hazard		High Hazard		Extreme Hazard	
	Water Supply ^b		Water Supply ^b		Water Supply ^b	
	Conforming ^d	Nonconforming ^e	Conforming ^d	Nonconforming ^e	Conforming ^d	Nonconforming ^e
Nonconforming	IR 2	IR 1	IR 1	IR 1 N.C.	IR 1 N.C.	Not Permitted
Conforming	IR 3	IR 2	IR 2	IR 1	IR 1	IR 1 N.C.
1.5 x Conforming	Not Required	IR 3	IR 3	IR 2	IR 2	IR 1

a. Access shall be in accordance with Section 402.

b. Subdivisions shall have a conforming water supply in accordance with Section 402.1.

IR 1 = Ignition-resistant construction in accordance with Section 504.

IR 2 = Ignition-resistant construction in accordance with Section 505.

IR 3 = Ignition-resistant construction in accordance with Section 506.

N.C. = Exterior walls shall have a fire-resistance rating of not less than 1-hour and the exterior surfaces of such walls shall be noncombustible. Usage of log wall construction is allowed.

c. Conformance based on Section 603.

d. Conformance based on Section 404.

e. A nonconforming water supply is any water system or source that does not comply with Section 404, including situations where there is no water supply for structure protection or fire suppression.

504.3 Protection of eaves. Eaves and soffits shall be protected on the exposed underside by materials approved for a minimum of 1-hour fire-resistance-rated construction. Fascias are required and must be protected on the backside by materials approved for a minimum of 1-hour fire-resistance-rated construction or 2-inch (51 mm) nominal dimension lumber.

504.4 Gutters and downspouts. Gutters and downspouts shall be constructed of noncombustible material.

504.5 Exterior walls. Exterior walls of buildings or structures shall be constructed with materials approved for a minimum of 1-hour fire-resistance-rated construction on the exterior side or constructed with approved noncombustible materials.

Exception: Heavy timber or log wall construction.

Such material shall extend from the top of the foundation to the underside of the roof sheathing.

504.6 Unenclosed underfloor protection. Buildings or structures shall have all underfloor areas enclosed to the ground with exterior walls in accordance with Section 504.5.

Exception: Complete enclosure may be omitted where the underside of all exposed floors and all exposed structural columns, beams and supporting walls are protected as required for exterior 1-hour fire-resistance-rated construction or heavy timber construction.

504.7 Appendages and projections. Unenclosed accessory structures attached to buildings with habitable spaces and projections, such as decks, shall be a minimum of 1-hour fire-resistance-rated construction, heavy timber construction or constructed of approved noncombustible materials.

When the attached structure is located and constructed so that the structure or any portion thereof projects over a descending slope surface greater than 10 percent, the area below the structure shall have all underfloor areas enclosed to within 6 inches (152 mm) of the ground, with exterior wall construction in accordance with Section 504.5.

504.8 Exterior glazing. Exterior windows, window walls and glazed doors, windows within exterior doors, and skylights shall be tempered glass, multilayered glazed panels, glass block or have a fire protection rating of not less than 20 minutes.

504.9 Exterior doors. Exterior doors shall be approved noncombustible construction, solid core wood not less than 1³/₄ inches thick (45 mm), or have a fire protection rating of not less than 20 minutes. Windows within doors and glazed doors shall be in accordance with Section 504.8.

Exception: Vehicle access doors.

504.10 Vents. Attic ventilation openings, foundation or underfloor vents, or other ventilation openings in vertical exterior walls and vents through roofs shall not exceed 144 square inches (0.0929 m²) each. Such vents shall be covered with noncombustible corrosion-resistant mesh with openings not to exceed 1/4 inch (6.4 mm).

Attic ventilation openings shall not be located in soffits, in eave overhangs, between rafters at eaves, or in other overhang areas. Gable end and dormer vents shall be located at least 10 feet (3048 mm) from property lines. Underfloor ventilation openings shall be located as close to grade as practical.

504.11 Detached accessory structures. Detached accessory structures located less than 50 feet (15 240 mm) from a building containing habitable space shall have exterior walls constructed with materials approved for a minimum of 1-hour fire-resistance-rated construction, heavy timber, log wall construction or constructed with approved noncombustible materials on the exterior side.

When the detached structure is located and constructed so that the structure or any portion thereof projects over a descending slope surface greater than 10 percent, the area below the structure shall have all underfloor areas enclosed to within 6 inches (152 mm) of the ground, with exterior wall construction in accordance with Section 504.5 or underfloor protection in accordance with Section 504.6.

Exception: The enclosure may be omitted where the underside of all exposed floors and all exposed structural columns, beams and supporting walls are protected as required for exterior 1-hour fire-resistance-rated construction or heavy-timber construction.

See Section 504.2 for roof requirements.

SECTION 505

CLASS 2 IGNITION-RESISTANT CONSTRUCTION

505.1 General. Class 2 ignition-resistant construction shall be in accordance with Section 505.

505.2 Roof covering. Roofs shall have at least a Class A roof covering, Class B roof assembly or an approved noncombustible roof covering. For roof coverings where the profile allows a space between the roof covering and roof decking, the space at the eave ends shall be firestopped to preclude entry of flames or embers.

505.3 Protection of eaves. Combustible eaves, fascias and soffits shall be enclosed with solid materials with a minimum thickness of 3/4 inch (19 mm). No exposed rafter tails shall be permitted unless constructed of heavy timber materials.

505.4 Gutters and downspouts. Gutters and downspouts shall be constructed of noncombustible material.

505.5 Exterior walls. Exterior walls of buildings or structures shall be constructed with materials approved for a minimum of 1-hour fire-resistance-rated construction on the exterior side or constructed with approved noncombustible materials.

Exception: Heavy timber or log wall construction.

Such material shall extend from the top of the foundation to the underside of the roof sheathing.

505.6 Unenclosed underfloor protection. Buildings or structures shall have all underfloor areas enclosed to the ground, with exterior walls in accordance with Section 505.5.

Exception: Complete enclosure may be omitted where the underside of all exposed floors and all exposed structural columns, beams and supporting walls are protected as required for exterior 1-hour fire-resistance-rated construction or heavy timber construction.

505.7 Appendages and projections. Unenclosed accessory structures attached to buildings with habitable spaces and projections, such as decks, shall be a minimum of 1-hour fire-re-

sistance-rated construction, heavy timber construction or constructed with approved noncombustible materials.

When the attached structure is located and constructed so that the structure or any portion thereof projects over a descending slope surface greater than 10 percent, the area below the structure shall have all underfloor areas enclosed to within 6 inches (152 mm) of the ground, with exterior wall construction in accordance with Section 505.5.

505.8 Exterior glazing. Exterior windows, window walls and glazed doors, windows within exterior doors, and skylights shall be tempered glass, multilayered glazed panels, glass block or have a fire-protection rating of not less than 20 minutes.

505.9 Exterior doors. Exterior doors shall be approved noncombustible construction, solid core wood not less than 1³/₄-inches thick (45 mm), or have a fire protection rating of not less than 20 minutes. Windows within doors and glazed doors shall be in accordance with Section 505.8.

Exception: Vehicle access doors.

505.10 Vents. Attic ventilation openings, foundation or underfloor vents or other ventilation openings in vertical exterior walls and vents through roofs shall not exceed 144 square inches (0.0929 m²) each. Such vents shall be covered with noncombustible corrosion-resistant mesh with openings not to exceed 1/4 inch (6.4 mm).

Attic ventilation openings shall not be located in soffits, in eave overhangs, between rafters at eaves, or in other overhang areas. Gable end and dormer vents shall be located at least 10 feet (3048 mm) from property lines. Underfloor ventilation openings shall be located as close to grade as practical.

505.11 Detached accessory structures. Detached accessory structures located less than 50 feet (15 240 mm) from a building containing habitable space shall have exterior walls constructed with materials approved for a minimum of 1-hour fire-resistance-rated construction, heavy timber, log wall construction, or constructed with approved noncombustible material on the exterior side.

When the detached structure is located and constructed so that the structure or any portion thereof projects over a descending slope surface greater than 10 percent, the area below the structure shall have all underfloor areas enclosed to within 6 inches (152 mm) of the ground, with exterior wall construction in accordance with Section 505.5 or underfloor protection in accordance with Section 505.6.

Exception: The enclosure may be omitted where the underside of all exposed floors and all exposed structural columns, beams and supporting walls are protected as required for exterior 1-hour fire-resistance-rated construction or heavy-timber construction.

See Section 505.2 for roof requirements.

SECTION 506

CLASS 3 IGNITION-RESISTANT CONSTRUCTION

506.1 General. Class 3 ignition-resistant construction shall be in accordance with Section 506.

506.2 Roof covering. Roofs shall have at least a Class A roof covering, Class C roof assembly or an approved noncombustible roof covering. For roof coverings where the profile allows a space between the roof covering and roof decking, the space at the eave ends shall be firestopped to preclude entry of flames or embers.

506.3 Unenclosed underfloor protection. Buildings or structures shall have all underfloor areas enclosed to the ground with exterior walls.

Exception: Complete enclosure may be omitted where the underside of all exposed floors and all exposed structural columns, beams and supporting walls are protected as required for exterior 1-hour fire-resistance-rated construction or heavy timber construction.

506.4 Vents. Attic ventilation openings, soffit vents, foundation or underfloor vents or other ventilation openings in vertical exterior walls and vents through roofs shall not exceed 144 square inches (0.0929 m²) each. Such vents shall be covered with noncombustible corrosion-resistant mesh with openings not to exceed 1/4 inch (6.4 mm).

SECTION 507

REPLACEMENT OR REPAIR OF ROOF COVERINGS

The roof covering on buildings or structures in existence prior to the adoption of this code that are replaced or have 25 percent or more replaced in a 12-month period shall be replaced with a roof covering required for new construction based on the type of ignition-resistant construction specified in accordance with Section 503.

CHAPTER 6

FIRE PROTECTION REQUIREMENTS

SECTION 601 GENERAL

601.1 Scope. The provisions of this chapter establish general requirements for new and existing buildings, structures and premises located within wildland-urban interface areas.

601.2 Objective. The objective of this chapter is to establish minimum requirements to mitigate the risk to life and property from wildland fire exposures, exposures from adjacent structures and to mitigate structure fires from spreading to wildland fuels.

SECTION 602 AUTOMATIC FIRE SPRINKLER SYSTEMS DELETED

SECTION 603 DEFENSIBLE SPACE

603.1 Objective. Provisions of this section are intended to modify the fuel load in areas adjacent to structures to create a defensible space.

603.2 Fuel modification. In order to qualify as a conforming defensible space for individual buildings or structures on a property, 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. Distances specified in Table 603.2 shall be measured on a horizontal plane from the perimeter or projection of the building or structure as shown in Figure 603.2. Distances specified in Table 603.2 may be modified by the code official because of a

site-specific analysis based on local conditions and the fire protection plan.

Persons owning, leasing, controlling, operating or maintaining buildings or structures requiring defensible spaces are responsible for modifying or removing nonfire-resistive vegetation on the property owned, leased or controlled by said person.

Trees are allowed within the defensible space, provided the horizontal distance between crowns of adjacent trees and overhead electrical facilities or unmodified fuel is not less than 10 feet (3048 mm). Deadwood and litter shall be regularly removed from trees.

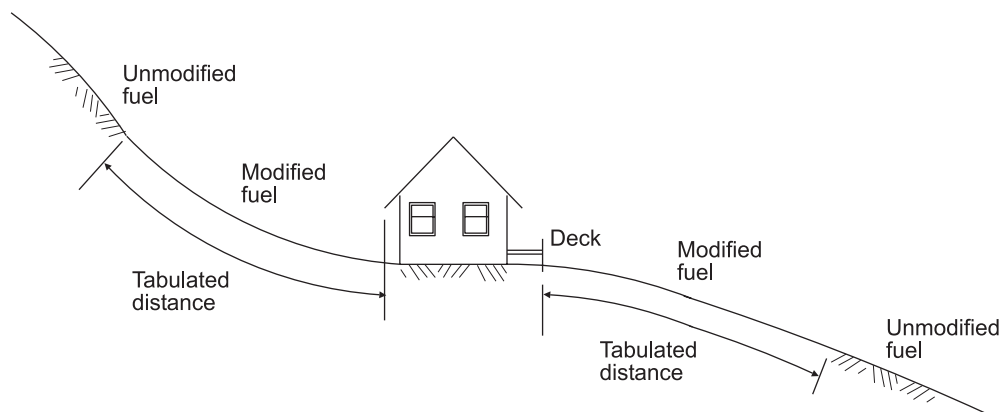
Where ornamental vegetative fuels or cultivated ground cover, such as green grass, ivy, succulents or similar plants are used as ground cover, they are allowed to be within the designated defensible space, provided they do not form a means of transmitting fire from the native growth to any structure.

**TABLE 603.2
REQUIRED DEFENSIBLE SPACE**

WILDLAND-URBAN INTERFACE AREA	FUEL MODIFICATION DISTANCE (feet)
Moderate hazard	30
High hazard	50
Extreme hazard	100

For SI: 1 foot = 304.8 mm.

603.3 Community fuel modification zones. Fuel modification zones to protect new communities shall be provided when required by the code official in accordance with Section 603, in order to reduce fuel loads adjacent to communities and structures.



**FIGURE 603.2
MEASUREMENTS OF FUEL MODIFICATION DISTANCE**

603.3.1 Land ownership. Fuel modification zone land used to protect a community shall be under the control of an association or other common ownership instrument for the life of the community to be protected.

603.3.2 Fuel modification zone plans. Fuel modification zone plans shall be approved prior to fuel modification work and shall be placed on a site grading plan shown in plan view. An elevation plan shall also be provided to indicate the length of the fuel modification zone on the slope. Fuel modification zone plans shall include, but not be limited to the following:

1. Plan showing existing vegetation.
2. Photographs showing natural conditions prior to work being performed.
3. Grading plan showing location of proposed buildings and structures, and set backs from top of slope to all buildings or structures.

SECTION 604 MAINTENANCE OF DEFENSIBLE SPACE

604.1 General. Defensible spaces required by Section 603 shall be maintained annually, or as necessary in accordance with Section 604.

604.2 Modified area. Nonfire-resistive vegetation or growth shall be kept clear of buildings or structures, in accordance with Section 603, in such a manner as to provide a clear area for fire suppression operations.

604.3 Responsibility. Persons owning, leasing, controlling, operating or maintaining buildings or structures are responsible for maintenance of defensible spaces. Maintenance of the defensible space shall include modifying or removing nonfire-resistive vegetation and keeping leaves, needles and other dead vegetative material regularly removed from roofs of buildings and structures.

604.4 Trees. Individual trees and/or small clumps of trees or brush crowns, extending to within 10 feet (3048 mm) of any structure, shall be pruned to maintain a minimum horizontal clearance of 10 feet (3048 mm). Tree crowns within the defensible space shall be pruned to remove limbs located less than 6 feet (1829 mm) above the ground surface adjacent to the trees.

Portions of tree crowns that extend within 10 feet (3048 mm) of the outlet of a chimney shall be pruned to maintain a minimum horizontal clearance of 10 feet (3048 mm).

Deadwood and litter shall be regularly removed from trees.

SECTION 605 SPARK ARRESTERS

Chimneys serving fireplaces, barbecues, incinerators or decorative heating appliances in which solid or liquid fuel is used, shall be provided with a spark arrester. Spark arresters shall be constructed of woven or welded wire screening of 12 USA standard gage wire (0.1046 inch) (2.66 mm) having openings not exceeding 1/2 inch (12.7 mm).

The net free area of the spark arrester shall not be less than four times the net free area of the outlet of the chimney.

SECTION 606 LIQUEFIED PETROLEUM GAS INSTALLATIONS

606.1 General. The storage of LP-gas and the installation and maintenance of pertinent equipment shall be in accordance with the *International Fire Code* or, in the absence thereof, recognized standards.

606.2 Location of containers. LP-gas containers shall be located within the defensible space in accordance with the *International Fire Code*.

SECTION 607 STORAGE OF FIREWOOD AND COMBUSTIBLE MATERIALS

Firewood and combustible material shall not be stored in unenclosed spaces beneath buildings or structures, or on decks or under eaves, canopies or other projections or overhangs. When required by the code official, storage of firewood and combustible material stored in the defensible space shall be located a minimum of 30 feet (9144 mm) from structures and separated from the crown of trees by a minimum horizontal distance of 15 feet (4572 mm).

Firewood and combustible materials not for consumption on the premises shall be stored so as to not pose a hazard. See Appendix A.

APPENDIX A

GENERAL REQUIREMENTS (optional)

SECTION A101 GENERAL

A101.1 Scope. The provisions of this appendix establish general requirements applicable to new and existing properties located within urban-wildland interface areas.

A101.2 Objective. The objective of this appendix is to provide necessary fire-protection measures to reduce the threat of wild-fire in an urban-wildland interface area and improve the capability of controlling such fires.

SECTION A102 VEGETATION CONTROL

A102.1 General. Vegetation control shall comply with this section.

A102.2 Clearance of brush or vegetative growth from roadways. The code official is authorized to require areas within 10 feet (3048 mm) on each side of portions of fire apparatus access roads and driveways to be cleared of nonfire-resistive vegetation growth.

Exception: Single specimens of trees, ornamental vegetative fuels or cultivated ground cover, such as green grass, ivy, succulents or similar plants used as ground cover, provided they do not form a means of readily transmitting fire.

A102.3 Clearance of brush and vegetative growth from electrical transmission and distribution lines.

A102.3.1 General. Clearance of brush and vegetative growth from electrical transmission and distribution lines shall be in accordance with Section A102.3.

Exception: Section A102.3 does not authorize persons not having legal right of entry to enter on or damage the property of others without consent of the owner.

A102.3.2 Support clearance. Persons owning, controlling, operating or maintaining electrical transmission or distribution lines shall have an approved program in place that identifies poles or towers with equipment and hardware types that have a history of becoming an ignition source, and provides a combustible free space consisting of a clearing of not less than 10 feet (3048 mm) in each direction from the outer circumference of such pole or tower during such periods of time as designated by the code official.

Exception: Lines used exclusively as telephone, telegraph, messenger call, alarm transmission or other lines classed as communication circuits by a public utility.

A102.3.3 Electrical distribution and transmission line clearances.

A102.3.3.1 General. Clearances between vegetation and electrical lines shall be in accordance with Section A102.3.3.

A102.3.3.2 Trimming clearance. At the time of trimming, clearances not less than those established by Table A102.3.3.2 shall be provided. The radial clearances shown below are minimum clearances that shall be established, at time of trimming, between the vegetation and the energized conductors and associated live parts.

**TABLE A102.3.3.2
MINIMUM CLEARANCES BETWEEN VEGETATION
AND ELECTRICAL LINES AT TIME OF TRIMMING**

LINE VOLTAGE	MINIMUM RADIAL CLEARANCE FROM CONDUCTOR (feet)
2,400-72,000	4
72,001-110,000	6
110,001-300,000	10
300,001 or more	15

For SI: 1 foot = 304.8 mm.

Exception: The code official is authorized to establish minimum clearances different than those specified by Table A102.3.3.2 when evidence substantiating such other clearances is submitted to and approved by the code official.

A102.3.3.3 Minimum clearance to be maintained. Clearances not less than those established by Table A102.3.3.3 shall be maintained during such periods of time as designated by the code official. The site-specific clearance achieved, at time of pruning, shall vary based on species growth rates, the utility company-specific trim cycle, the potential line sway due to wind, line sag due to electrical loading and ambient temperature and the tree's location in proximity to the high voltage lines.

Exception: The code official is authorized to establish minimum clearances different than those specified by Table A102.3.3.3 when evidence substantiating such other clearances is submitted to and approved by the code official.

**TABLE A102.3.3.3
MINIMUM CLEARANCES BETWEEN VEGETATION AND
ELECTRICAL LINES TO BE MAINTAINED**

LINE VOLTAGE	MINIMUM CLEARANCE (inches)
750-35,000	6
35,001-60,000	12
60,001-115,000	19
115,001-230,000	30.5
230,001-500,000	115

For SI: 1 inch = 25.4 mm.

A102.3.3.4 Electrical power line emergencies. During emergencies, the utility shall perform the required work to the extent necessary to clear the hazard. An emergency

can include situations such as trees falling into power lines, or trees in violation of Table A102.3.3.3.

A102.4 Correction of condition. The code official is authorized to give notice to the owner of the property on which conditions regulated by Section A102 exist to correct such conditions. If the owner fails to correct such conditions, the legislative body of the jurisdiction is authorized to cause the same to be done and make the expense of such correction a lien on the property where such condition exists.

SECTION A103 ACCESS RESTRICTIONS

A103.1 Restricted entry to public lands. The code official is authorized to determine and publicly announce when urban-wildland interface areas shall be closed to entry and when such areas shall again be opened to entry. Entry on and occupation of urban-wildland interface areas, except public roadways, inhabited areas or established trails and campsites that have not been closed during such time when the urban-wildland interface area is closed to entry, is prohibited.

Exceptions:

1. Residents and owners of private property within urban-wildland interface areas and their invitees and guests going to or being on their lands.
2. Entry, in the course of duty, by peace or police officers, and other duly authorized public officers, members of a fire department and members of the Wildland Firefighting Service.

A103.2 Trespassing on posted private property.

A103.2.1 General. When the code official determines that a specific area within an urban-wildland interface area presents an exceptional and continuing fire danger because of the density of natural growth, difficulty of terrain, proximity to structures or accessibility to the public, such areas shall be restricted or closed until changed conditions warrant termination of such restriction or closure. Such areas shall be posted in accordance with Section A103.2.2.

A103.2.2 Signs. Approved signs prohibiting entry by unauthorized persons and referring to this code shall be placed on every closed area.

A103.2.3 Trespassing. Entering and remaining within areas closed and posted is prohibited.

Exception: Owners and occupiers of private or public property within closed and posted areas; their guests or invitees; authorized persons engaged in the operation and maintenance of necessary utilities such as electrical power, gas, telephone, water and sewer; and local, state and federal public officers and their authorized agents acting in the course of duty.

A103.3 Use of fire roads and defensible space. Motorcycles, motor scooters and motor vehicles shall not be driven or parked on, and trespassing is prohibited on, fire roads or defensible space beyond the point where travel is restricted by a cable, gate or sign, without the permission of the property owners. Vehicles shall not be parked in a manner that obstructs the entrance to a fire road or defensible space.

Exception: Public officers acting within their scope of duty.

Radio and television aerials, guy wires thereto, and other obstructions shall not be installed or maintained on fire roads or defensible spaces, unless located 16 feet (4877 mm) or more above such fire road or defensible space.

A103.4 Use of motorcycles, motor scooters, ultralight aircraft and motor vehicles. Motorcycles, motor scooters, ultralight aircraft and motor vehicles shall not be operated within urban-wildland interface areas, without a permit by the code official, except on clearly established public or private roads. Permission from the property owner shall be presented when requesting a permit.

A103.5 Tampering with locks, barricades, signs and address markers. Locks, barricades, seals, cables, signs and address markers installed within urban-wildland interface areas, by or under the control of the code official, shall not be tampered with, mutilated, destroyed or removed.

Gates, doors, barriers and locks installed by or under the control of the code official shall not be unlocked.

SECTION A104 IGNITION SOURCE CONTROL

A104.1 General. Ignition sources shall be in accordance with Section A104.

A104.2 Objective. Regulations in this section are intended to provide the minimum requirements to prevent the occurrence of wildfires.

A104.3 Clearance from ignition sources. Clearance between ignition sources and grass, brush or other combustible materials shall be maintained a minimum of 30 feet (9144 mm).

A104.4 Smoking. When required by the code official, signs shall be posted stating NO SMOKING. No person shall smoke within 15 feet (4572 mm) of combustible materials or nonfire-resistant vegetation.

Exception: Places of habitation or in the boundaries of established smoking areas or campsites as designated by the code official.

A104.5 Equipment and devices generating heat, sparks or open flames. Equipment and devices generating heat, sparks or open flames capable of igniting nearby combustibles shall not be used in urban-wildland interface areas without a permit from the code official.

Exception: Use of approved equipment in habitated premises or designated campsites that are a minimum of 30 feet (9144 mm) from grass-, grain-, brush- or forest-covered areas.

A104.6 Fireworks. Fireworks shall not be used or possessed in urban-wildland interface areas.

Exception: Fireworks allowed by the code official under permit in accordance with the *International Fire Code* when not prohibited by applicable local or state laws, ordinances and regulations.

The code official is authorized to seize, take, remove or cause to be removed fireworks in violation of this section.

A104.7 Outdoor fires.

A104.7.1 General. No person shall build, ignite or maintain any outdoor fire of any kind for any purpose in or on any urban-wildland interface area, except by the authority of a written permit from the code official.

Exception: Outdoor fires within inhabited premises or designated campsites where such fires are in a permanent barbecue, portable barbecue, outdoor fireplace, incinerator or grill and are a minimum of 30 feet (9144 mm) from any combustible material or nonfire-resistive vegetation.

A104.7.2 Permits. Permits shall incorporate such terms and conditions that will reasonably safeguard public safety and property. Outdoor fires shall not be built, ignited or maintained in or on hazardous fire areas under the following conditions:

1. When high winds are blowing,
2. When a person 17 years old or over is not present at all times to watch and tend such fire, or
3. When a public announcement is made that open burning is prohibited.

A104.7.3 Restrictions. No person shall use a permanent barbecue, portable barbecue, outdoor fireplace or grill for the disposal of rubbish, trash or combustible waste material.

A104.8 Incinerators, outdoor fireplaces, permanent barbecues and grills. Incinerators, outdoor fireplaces, permanent barbecues and grills shall not be built, installed or maintained in urban-wildland interface areas without approval of the code official.

Incinerators, outdoor fireplaces, permanent barbecues and grills shall be maintained in good repair and in a safe condition at all times. Openings in such appliances shall be provided with an approved spark arrestor, screen or door.

Exception: When approved by the code official, unprotected openings in barbecues and grills necessary for proper functioning.

A104.9 Reckless behavior. The code official is authorized to stop any actions of a person or persons if the official determines that the action is reckless and could result in an ignition of fire or spread of fire.

A104.10 Planting vegetation under or adjacent to energized electrical lines. No vegetation shall be planted under or adjacent to energized power lines that, at maturity, shall grow within 10 feet (3048 mm) of the energized conductors.

SECTION A105 CONTROL OF STORAGE

A105.1 General. In addition to the requirements of the *International Fire Code*, storage and use of the materials shall be in accordance with Section A105.

A105.2 Hazardous materials. Hazardous materials in excess of 10 gallons (37.8 L) of liquid, 200 cubic feet (5.66 m³) of gas, or 10 pounds (4.54 kg) of solids require a permit and shall comply with nationally recognized standards for storage and use.

A105.3 Explosives. Explosives shall not be possessed, kept, stored, sold, offered for sale, given away, used, discharged, transported or disposed of within urban-wildland interface areas, except by permit from the code official.

A105.4 Combustible materials.

A105.4.1 General. Outside storage of combustible materials such as, but not limited to, wood, rubber tires, building materials or paper products shall comply with the other applicable sections of this code and this section.

A105.4.2 Individual piles. Individual piles shall not exceed 5,000 square feet (465 m²) of contiguous area. Piles shall not exceed 50,000 cubic feet (1416 m³) in volume or 10 feet (3048 mm) in height.

A105.4.3 Separation. A clear space of at least 40 feet (12 192 mm) shall be provided between piles. The clear space shall not contain combustible material or nonfire-resistive vegetation.

SECTION A106 DUMPING

A106.1 Waste material. Waste material shall not be placed, deposited or dumped in urban-wildland interface areas, or in, on or along trails, roadways or highways or against structures in urban-wildland interface areas.

Exception: Approved public and approved private dumping areas.

A106.2 Ashes and coals. Ashes and coals shall not be placed, deposited or dumped in or on urban-wildland interface areas.

Exceptions:

1. In the hearth of an established fire pit, camp stove or fireplace.
2. In a noncombustible container with a tightfitting lid, which is kept or maintained in a safe location not less than 10 feet (3048 mm) from nonfire-resistive vegetation or structures.
3. Where such ashes or coals are buried and covered with 1 foot (305 mm) of mineral earth not less than 25 feet (7620 mm) from nonfire-resistive vegetation or structures.

SECTION A107 PROTECTION OF PUMPS AND WATER STORAGE FACILITIES

A107.1 General. The reliability of the water supply shall be in accordance with Section A107.

A107.2 Objective. The intent of this section is to increase the reliability of water storage and pumping facilities and to protect such systems against loss from intrusion by fire.

A107.3 Fuel modification area. Water storage and pumping facilities shall be provided with a defensible space of not less than 30 feet (9144 mm) clear of nonfire-resistive vegetation or growth around and adjacent to such facilities.

Persons owning, controlling, operating or maintaining water storage and pumping systems requiring this defensible

space are responsible for clearing and removing nonfire-resistive vegetation and maintaining the defensible space on the property owned, leased or controlled by said person.

A107.4 Trees. Portions of trees that extend to within 30 feet (9144 mm) of combustible portions of water storage and pumping facilities shall be removed.

A107.5 Protection of electrical power supplies. When electrical pumps are used to provide the required water supply, such pumps shall be connected to a standby power source to automatically maintain electrical power in the event of power loss. The standby power source shall be capable of providing power for a minimum of two hours in accordance with the ICC *Electrical Code*.

Exception: A standby power source is not required where the primary power service to pumps are underground as approved by the code official.

SECTION A108 LAND USE LIMITATIONS

A108.1 General. Temporary fairs, carnivals, public exhibitions and similar uses must comply with all other provisions of this code in addition to enhanced ingress and egress requirements.

A108.2 Objective. The increased public use of land or structures in urban-wildland interface areas also increases the potential threat to life safety. The provisions of this section are intended to reduce that threat.

A108.3 Permits. Temporary fairs, carnivals, public exhibitions or similar uses shall not be allowed in a designated urban-wildland interface area, except by permit from the code official.

Permits shall incorporate such terms and conditions that will reasonably safeguard public safety and property.

A108.4 Access roadways. In addition to the requirements in Section 403, access roadways shall be a minimum of 24 feet (7315 mm) wide and posted NO PARKING. Two access roadways shall be provided to serve the permitted use area.

When required by the code official to facilitate emergency operations, approved emergency vehicle operating areas shall be provided.

APPENDIX B

VEGETATION MANAGEMENT PLAN

Vegetation management plans shall be submitted to the code official for review and approval as part of the plans required for a permit. Vegetation management plans shall describe all actions that will be taken to prevent a fire from being carried toward or away from the building. A vegetation management plan shall include at least the following information:

1. A copy of the site plan.
2. Methods and timetables for controlling, changing or modifying areas on the property. Elements of the plan shall in-

clude removal of slash, snags, vegetation that may grow into overhead electrical lines, other ground fuels, ladder fuels and dead trees, and the thinning of live trees.

3. A plan for maintaining the proposed fuel-reduction measures.

To be considered a fuel modification for purposes of this code, continuous maintenance of the clearance is required.

UTAH FIRE RESISTIVE SPECIES

*Adapted from "Utah Forest Facts: Firewise Plants for Utah Landscapes"
Utah State University Extension, 2002*

Grasses

Agropyron cristatum (Crested Wheatgrass)
Agropyron smithii (Western Wheatgrass)
Buchloe dactyloides (Buffalograss)
Dactylis glomerata (Orchardgrass)
Festuca cinerea and other species (Blue Fescue)
Lolium species (Rye Grass)
Poa pratensis (Kentucky Bluegrass)
Poa secunda (Sandberg Bluegrass)

Herbaceous Perennials

Achillea clavennae (Silvery Yarrow)
Achillea filipendulina (Fernleaf Yarrow)
Achillea - other species & hybrids (Yarrow)*
Aquilegia - species & hybrids (Columbine)
Armeria maritime (Sea Pink, Sea Thrift)
Artemisia stelleriana (Beach Wormwood, Dusty Miller)
Artemisia - other species & hybrids (Various names)*
Bergenia – species & hybrids (Bergenia)
Centranthus ruber (Red Valerian, Jupiter's Beard)
Cerastium tomentosum (Snow-in-summer)
Coreopsis auriculata var. *Nana* (Dwarf Mouse Ear Coreopsis)
Coreopsis – other perennial species (Coreopsis)
Delosperma nubigenum (Hardy Ice Plant)
Dianthus plumarius & others (Pinks)
Erigeron hybrids (Fleabane)*
Gaillardia X grandiflora (Blanket Flower)
Geranium cinereum (Hardy Geranium)
Geranium sanguineum (Bloody Cranesbill, Bloodred Geranium)

Geranium species (Geranium)
Hemerocallis species (Daylily)
Heuchera sanguinea (Coral Bells, Alum Root)
Iberis sempervirens (Evergreen Candytuft)
Iris species & hybrids (Iris)
Kniphofia species & hybrids (Red-hot Poker)
Lavandula species (Lavender)
Leucanthemum X superbum (Shasta Daisy)
Limonium latifolium (Sea-lavender, Statice)
Linum species (Flax)
Liriope spicata (Lily-turf)
Lupinus species & hybrids (Lupine)*
Medicago sativus (Alfalfa)
Oenothera species (Primrose)
Papaver species (Poppy)
Penstemon species & hybrids (Penstemon)
Perovskia atriplicifolia (Russian Sage, Azure Sage)
Potentilla nepalensis (Nepal Cinquefoil)
Potentilla tridentata (Wineleaf Cinquefoil)
Potentilla verna (tabernaemontani) (Spring Cinquefoil; Creeping Potentilla)
Potentilla – other non-shrubby species & hybrids (Cinquefoil, Potentilla)*
Salvia species & hybrids (Salvia, Sage)*
Sedum species (Stonecrop, Sedum)
Sempervivum tectorum (Hen and Chicks)
Stachys byzantina (Lamb's Ear)
Yucca filamentosa (Yucca)

continued

APPENDIX B

Shrubs and Woody Vines

Atriplex species (Saltbush)
Ceanothus americanus (New Jersey Tea)
Ceanothus ovatus & others (Ceanothus)
Cistus species (Rock-rose)
Cotoneaster dammeri (Bearberry Cotoneaster)
Cotoneaster horizontalis (Rockspray or Rock Cotoneaster)
Cotoneaster – other compact species (Cotoneaster)
Hedera helix (English Ivy)
Lonicera species & hybrids (Honeysuckle)
Mahonia repens (Creeping Oregon Grape)
Parthenocissus quinquefolia (Virginia Creeper)
Prunus besseyi (Sand Cherry)
Purshia tridentata (Bitterbrush, Antelope Bitterbrush)
Pyracantha species (Firethorn, Pyracantha)
Rhamnus species (Buckthorn)
Rhus trilobata (Skunkbush Sumac)
Rhus – other species (Sumac)
Ribes species (Currant, Gooseberry)
Rosa rugosa & other hedge roses (Rugosa Rose)
Shepherdia canadensis (Russet Buffaloberry)
Syringa vulgare (Lilac)
Vinca major (Large Periwinkle)
Vinca minor (Dwarf Periwinkle, Common Periwinkle)

Trees

Acer species (Maple)
Betula species (Birch)
Cercis canadensis (Eastern Redbud)
Populus tremuloides (Quaking Aspen)
Populus – other species (Poplar, Cottonwood)
Salix species (Willow)

*** Plants or groups of plants marked with an asterisk (*) can become weedy in certain circumstances, and may even be noxious weeds with legal restrictions against their planting and cultivation. Check with your local Extension office or State Department of Agriculture for information on noxious weeds in your area.**

Note: Some of the listed plants may not be considered “water-wise” or drought-tolerant for arid climates.

APPENDIX C

FIRE HAZARD SEVERITY FORM

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

A. Subdivision Design

Points

1. Ingress/Egress

Two or more primary roads

1__

One road

10__

One-lane road in, one-lane road out

15__

2. Width of Primary Road

20 feet or more

1__

Less than 20 feet

5__

3. Accessibility

Road grade 5% or less

1__

Road grade 5-10%

5__

Road grade greater than 10%

10__

4. Secondary Road Terminus

Loop roads, cul-de-sacs with an outside turning radius of 45 feet or greater

1__

Cul-de-sac turnaround

5__

Dead-end roads 200 feet or less in length

8__

Dead-end roads greater than 200 feet in length

10__

5. Street Signs

Present but unapproved

3__

Not present

5__

B. Vegetation (IUIWIC Definitions)

1. Fuel Types

Surface

Lawn/noncombustible

1__

Grass/short brush

5__

Scattered dead/down woody material

10__

Abundant dead/down woody material

15__

Overstory

Deciduous trees (except tall brush)

3__

Mixed deciduous trees and tall brush

10__

Clumped/scattered conifers and/or tall brush

15__

Contiguous conifer and/or tall brush

20__

2. Defensible Space

70% or more of lots completed

1__

30% to 70% of lots completed

10__

Less than 30% of lots completed

20__

C. Topography

Located on flat, base of hill, or setback at crest of hill

1__

On slope with 0-20% grade

5__

On slope with 21-30% grade

10__

On slope with 31% grade or greater

15__

At crest of hill with unmitigated vegetation below

20__

D. Roofing Material

Class A Fire Rated

1__

Class B Fire Rated

5__

Class C Fire Rated

10__

Nonrated

20__

E. Fire Protection—Water Source

500 GPM hydrant within 1,000 feet

1__

Hydrant farther than 1,000 feet or draft site

5__

Water source 20 min. or less, round trip

10__

Water source farther than 20 min., and 45 min. or less, round trip

15__

Water source farther than 45 min., round trip

20__

F. Siding and Decking

Noncombustible siding/deck

1__

Combustible siding/no deck

5__

Noncombustible siding/combustible deck

10__

Combustible siding and deck

15__

G. Utilities (gas and/or electric)

All underground utilities

1__

One underground, one aboveground

3__

All aboveground

5__

Total for Subdivision

Moderate Hazard

50-75

High Hazard

76-100

Extreme Hazard

101+

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