

WASATCH FIRE DISTRICT

10420 N. Jordanelle Blvd. Heber City, UT 84032
435-940-9636

Single Family Residential

1. **Driveway Access:** Emergency vehicle access as required per IFC 503
 - **20 Foot width** of “all weather driving capabilities” (IFC 503.2.3) for the entirety of the access to the structure. Minimum unobstructed **height of 13’6”** (503.2.1)
 - Shared driveway may not exceed 5 dwelling units
 - **Maximum of 12% grade** unless exception is approved by the Fire Chief (503.2.7)
 - **Approved Turn Around:** any dead-end road in **excess of 150 feet** shall be provided with an approved emergency vehicle turn around (503.2.5) See attachment A
 - **Gates:** any gate obstructing access for emergency vehicles shall be provided with S.O.S. activation (gate opens with the use of police, ambulance, and fire engine sirens) as well as keypad programmed with fire district access code for the area. (503.6)
 - **Angle of Approach:** the entrance from a public way to a private drive must intersect the public way at a 90-degree angle and be less than **5% slope** for the first 10 feet. (503.2.8)
 - **Bridges:** Bridges must be 20 feet in width unless approved and must be rated to support 75,000 pounds. (503.2.6)
 - **Turning Radius:** Driveway turnarounds shall have inside turning radii of not less than 30 feet and outside turning radii of not less than 45 feet (503.2.4)
2. **Hydrant** must be within 600 feet of structure as measured along an approved route. (507.5.1)
3. **Address** must be visible from road, contrasting to background and minimum of 4” in height. (505.1)
4. **Fire Sprinkler Plans** (if applicable)
 - Fire Sprinkler plans must be provided **PRIOR** to permit approval. Plans must include fire sprinkler plans, hydraulic calculations, third party peer review of hydraulic calculations and material submittal. (104.7.2)
5. **Propane Permit** (if applicable)
 - If propane is being utilized, a propane permit must be submitted to the Wasatch Fire District prior to installation. Permit must include the proposed installation site with all setbacks from structures, lot lines, driveways, and roads. Propane tank must be installed as per **IFC Chapter 61 and Table 6104.3**
 - Location of second stage regulator and method of protection from horizontal impact if near a drivable routes and vertical impact if located below eaves that slope toward regulator. NFPA 58 5.7.8.2
 - Piping trench and pipe sizing for fuel fired appliance to be done by others.

UNDERGROUND PROPANE TANKS MUST BE INSPECTED PRIOR TO BACKFILLING

WASATCH FIRE DISTRICT

10420 N. Jordanelle Blvd. Heber City, UT 84032
435-940-9636

Commercial / Multi Family

1. Driveway and Access: Emergency access is required as per IFC 503

- **26 Foot width** for the entirety of the access to the structure. (503.2.1)
- Minimum unobstructed **height of 13'6"** (503.2.1)
- Secondary access required and approved by Wasatch Fire. (503.1.2)
- **Maximum of 12% grade** unless approved by the Fire Chief (503.2.7)
- **Approved Turn Around:** dead-end roads in **excess of 150 feet** shall be provided with an approved emergency vehicle turn around (503.2.5)
- **Gates:** gate obstructing access for emergency access shall be provided with **S.O.S. activation** (gate opens with police, ambulance, and fire engine sirens) as well as **keypad** programmed with fire district access code for the area. (503.6)
- **Angle of Approach:** the entrance from a public way to a private drive must intersect the public way at a 90-degree angle and be less than **5% slope** for the first 10 feet. (503.2.8)
- **Bridges:** Bridges must be **20 feet** in width unless approved and must be rated to support **75,000 pounds**. (503.2.6)
- **Turning Radius:** Driveway turnarounds shall have inside turning radii of not less than 30 feet and outside turning radii of not less than 45 feet (503.2.4)
- **Height** if structure is in excess of **30 feet** in height aerial apparatus access is required and shall be located not less than 15 feet and not greater than 30 feet from the building and parallel to structure

2. Hydrants

- Within **400 feet** of structure as measures along and approved route. (507.5.1)
- If equipped with fire sprinkler system, hydrant must be within **150 feet** of FDC and approved by Wasatch Fire (912.2)
- Number of hydrants as required by Fire Code (507)

3. Fire Sprinkler/ Standpipe / Alarm Plans / Hood Suppression (if applicable)

- Fire Sprinkler / Alarm plans must be provided **PRIOR** to permit approval. Plans must be reviewed by a third-party reviewer.
- Reviews cannot be performed by the in house. Alarm Plans reviewer (Files must be provided as separate files: Plans, Calculations, Material Submittal and Third-Party Review) (104.7.2)

WASATCH FIRE DISTRICT

10420 N. Jordanelle Blvd. Heber City, UT 84032
435-940-9636

- Exceptions
 - Installation / Relocation of less than 20 sprinkler heads or 5 alarm/notification appliances
 - Pre-Engineered kitchen hood systems not required to be third party reviewed.

4. **Required Access to Interior of Structure:** Commercial Buildings

- a. Commercial buildings may be required to install a KNOX BOX where access is necessary for life saving or firefighting operations in an APPROVED location. 506.1. WCFD only requires keys to access the main access of a structure, fire riser room, fire alarm panel and any other pertinent doors after consultation with building owner.
- b. Order online at KNOXBOX.COM under Wasatch Co Fire District

Wildland Urban Interface

• Defensible Space

- Defensible Space is the area where fuels (vegetation) are modified around the structure. This is to include the clear zone of 10 feet from the structure in addition to thinning/trimming of trees between 30-50-100 feet or lot line, dependent on the Fire Hazard Severity Form score (Moderate, High, Extreme). This is to include clearing dead and down limbs/trees, thinning certain tree clumps, and trimming limbs of trees up to 6 feet in height.
- These zones are intended to slow the rate and intensity of fire spread of an advancing wildfire and to create an area for fire suppression operation to occur.

• Landscape Plan

- Submitted at permit for the proposed landscaping to be used. This information is used to determine compliance with the International Wildland Urban Interface Code. Information that is needed is the name and species of trees to include existing and future planting. Defensible space as specified on submitted and approved Landscape Plan will be enforced at inspection. Varying from approved plan will require resubmission.

• Fire Hazard Severity Form

- Information provided in sections of the Fire Hazard Severity Form **MUST** match the information on the provided and approved Landscape Plan for section A, B, C, E and G.

WASATCH FIRE DISTRICT

10420 N. Jordanelle Blvd. Heber City, UT 84032
435-940-9636

ATTACHMENT A 150' Access Measurement Detail

