



Ordinance 2018-30 Exhibit I



Amendments to the:
2018 International Wildland-Urban Interface Code

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

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

Section 101.2 Scope. REVISE section by DELETING the first paragraph and REPLACING with the following:

This code shall apply only to areas designated rural forest village under the Pima County Comprehensive Plan and areas encircled thereby.

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

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

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

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

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

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

Adopt **Appendix C Fire hazard severity form**, content of which to be approved by the fire district prior to acceptance for review.

GRAPHIC COMPANION
FOR THE 2018
INTERNATIONAL WILDLAND URBAN
INTERFACE CODE
FOR
PIMA COUNTY ARIZONA

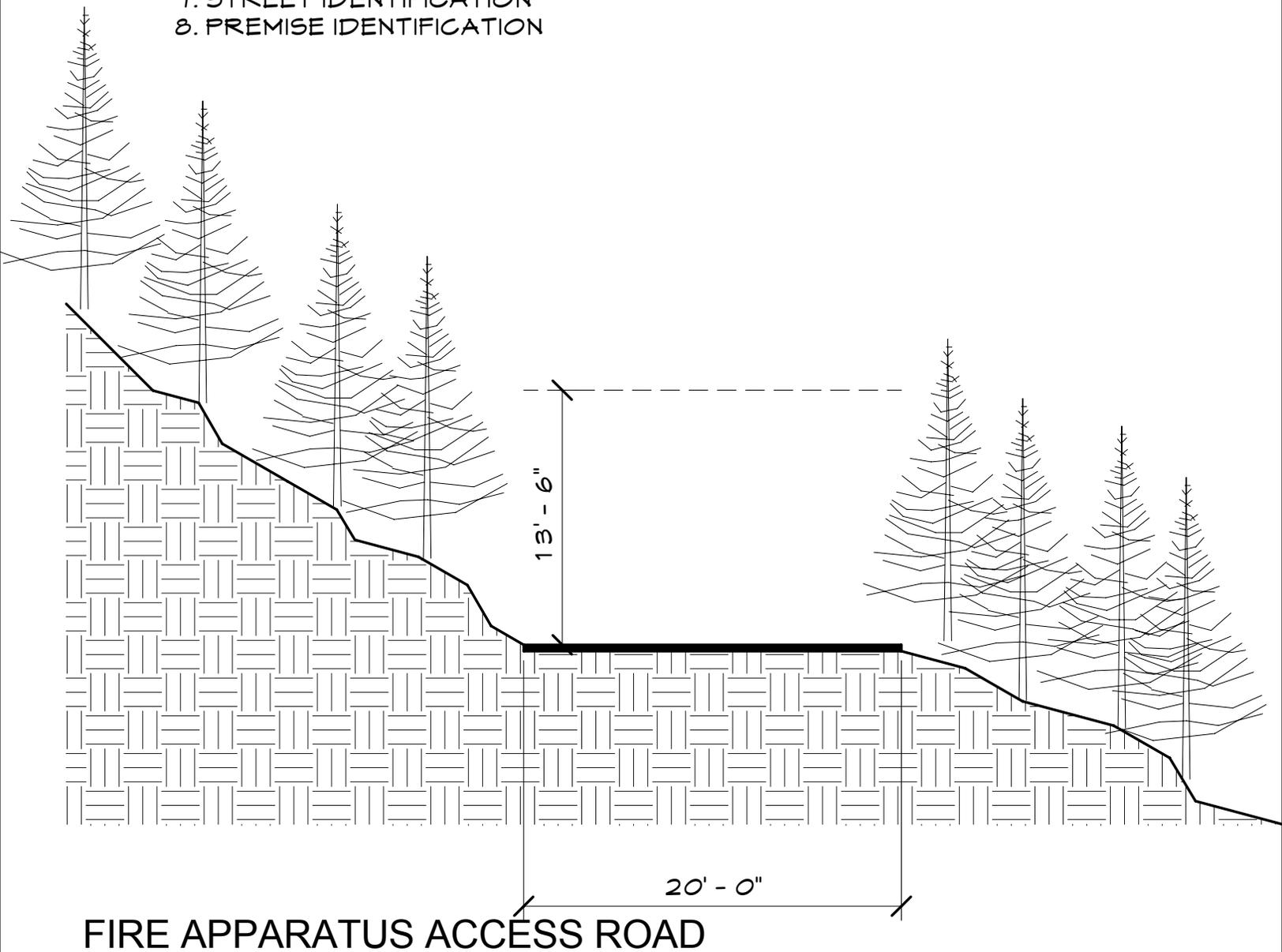


The various details provided are by no means the only ones that will be permitted by this code and are provided to convey the concepts in the code. Also your site may have unique problems, provisions have been made to modify these requirements on a case by case basis.

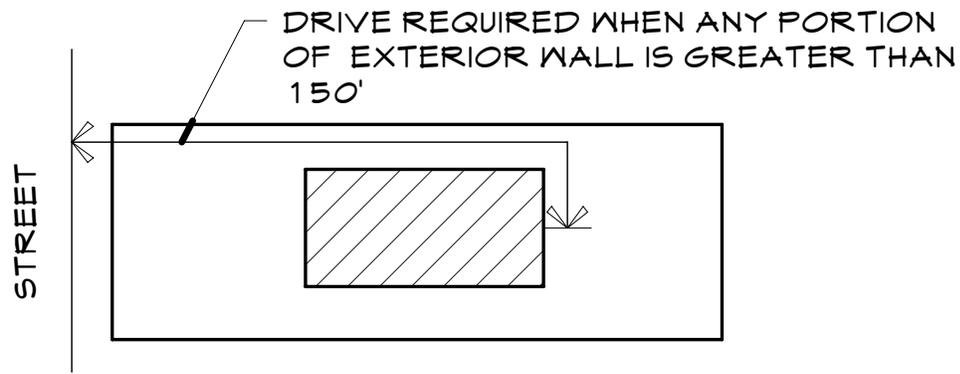
- 1 FIRE APPARATUS ACCESS ROAD
- 2 DRIVEWAYS
- 3 DRIVE TURNAROUND AND TURNOUT
- 4 WATER SUPPLY
- 5 DEFENSIBLE SPACE
- 6 WALL SECTION 1
- 7 WALL SECTION 2
- 8 WALL SECTION 3
- 9 CONSTRUCTION MATERIALS
- 10 OPENING ELEVATION
- 11 ROOF SOFFIT OVERHANG DETAILS
- 12 EXPOSED ROOF OVERHANG
- 13 HEAVY TIMBER CONSTRUCTION
- 14 PORCH DECKS

REQUIREMENTS

1. 20' MINIMUM WIDTH
2. 13'-6" HEIGHT CLEARANCE
3. ALL WEATHER ACCESS (PAVED) OR AS DETERMINED BY CODE OFFICIAL
4. 12% MAXIMUM GRADE
5. NO DEADENDS GREATER THAN 150 FEET WITH OUT TURNAROUND
IFC EXCEPTION (503) CAN BE INCREASED
 - A. BUILDING FIRESPRINKLERED
 - B. ALTERNATE MEANS PROVIDED WHEN INFEASIBLE
 - C. NOT MORE THAN 2 R-3 OR U OCCUPANCIES
6. TURNING RADIUS AS DETERMINED BY CODE OFFICIAL
7. STREET IDENTIFICATION
8. PREMISE IDENTIFICATION

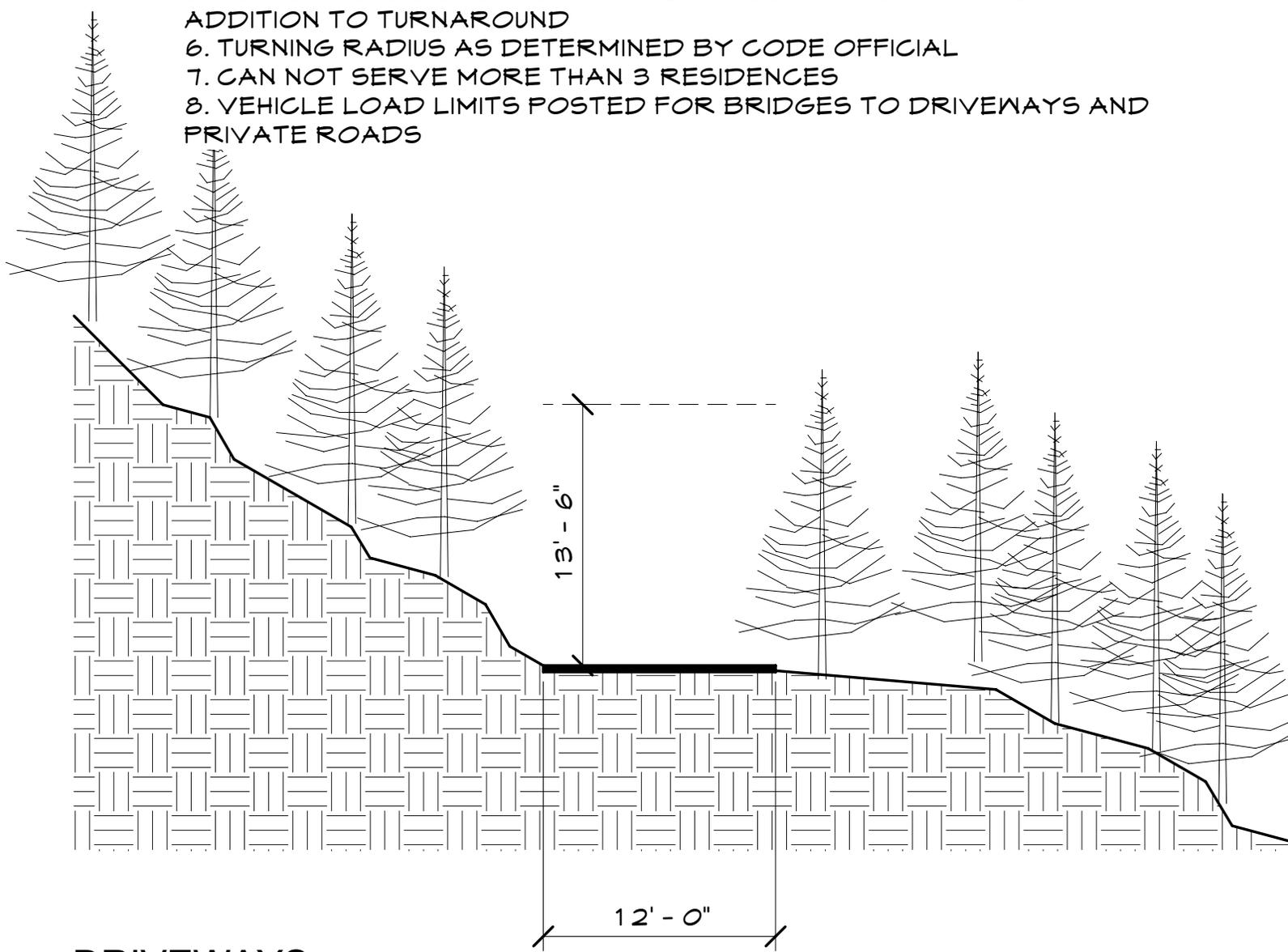


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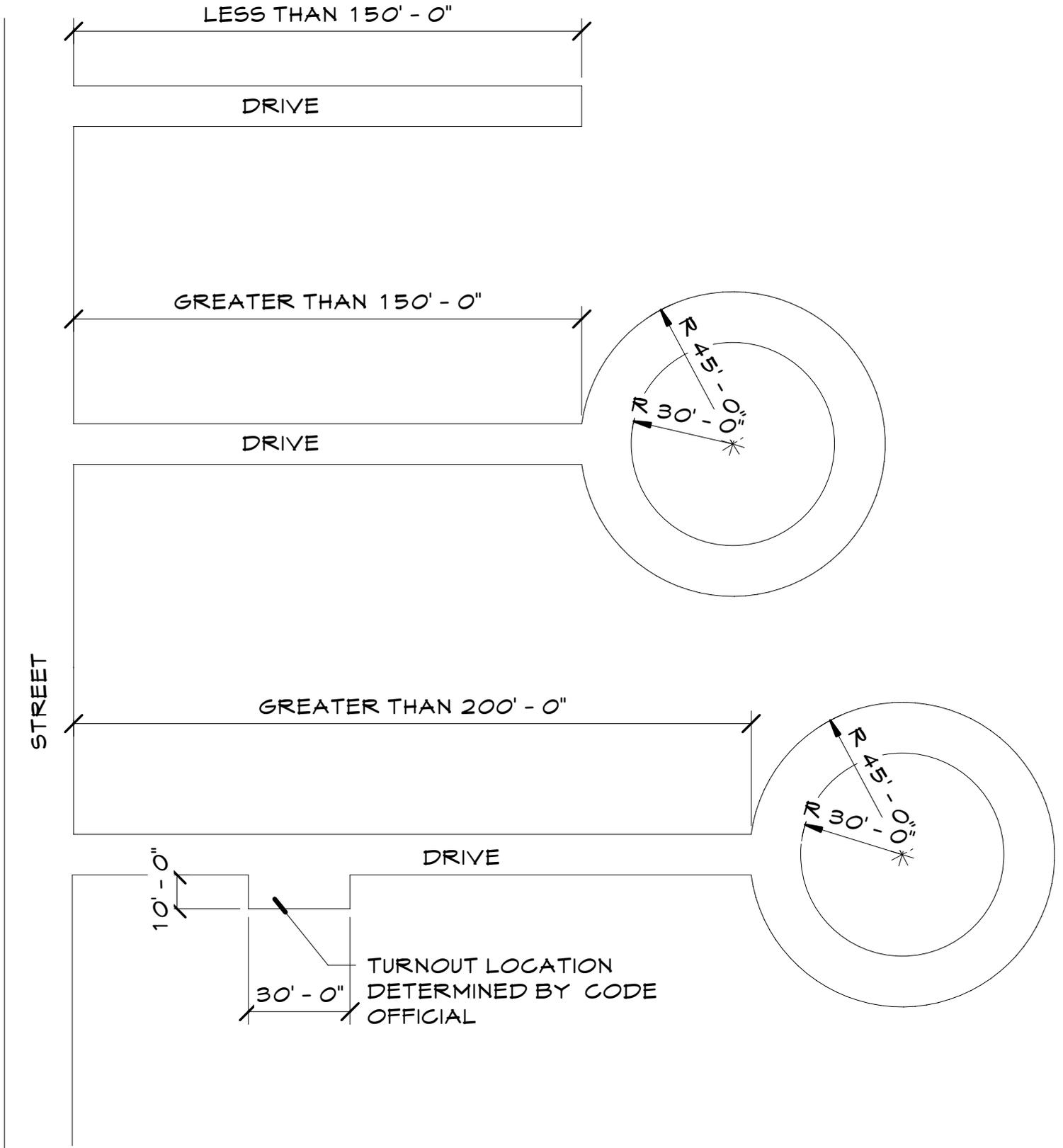


REQUIREMENTS

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



DRIVEWAYS



DRIVE TURNAROUND AND TURNOUT

NTS

REQUIREMENTS

- 1. WATERSOURCE WITHIN 1000 FEET FROM BUILDING
- 2. ADEQUATE WATER SUPPLY

- a. 1-2 FAMILY DWELLINGS

- <3600 S.F. 1000 GALLON PER MINUTE FOR 30 MINUTES

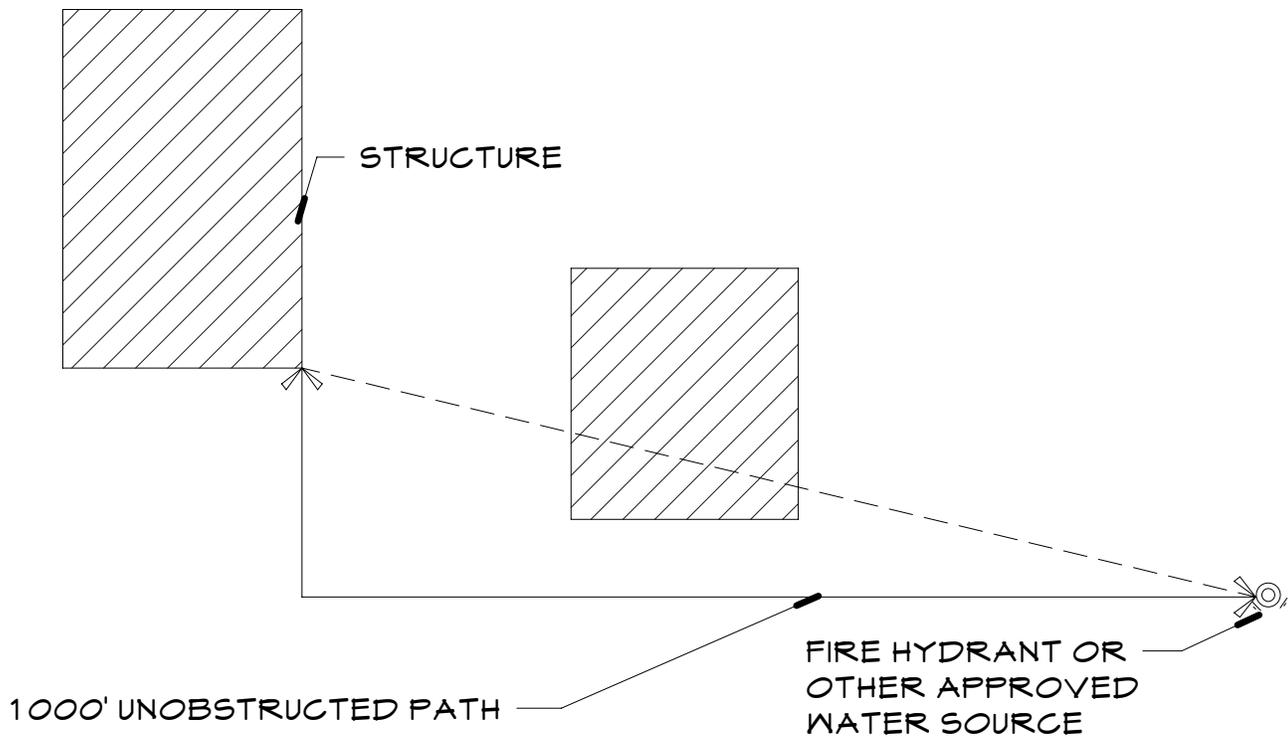
- >3600 S.F. 1500 GALLONS PER MINUTE FOR 30 MINUTES

FLOW RATE CAN BE REDUCED 50% WITH APPROVED AUTOMATIC FIRE SPRINKLERS AND APPROVAL BY CODE OFFICIAL.

- b. OTHER

- 1500 GALLONS PER MINUTE FOR 2 HOURS

FLOW RATE CAN BE REDUCED 75% WITH APPROVED AUTOMATIC FIRE SPRINKLERS AND MINIMUM 1500 GPM AND APPROVAL OF CODE OFFICIAL

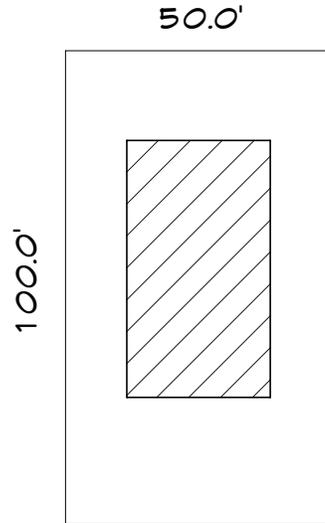


WATER SUPPLY

NTS

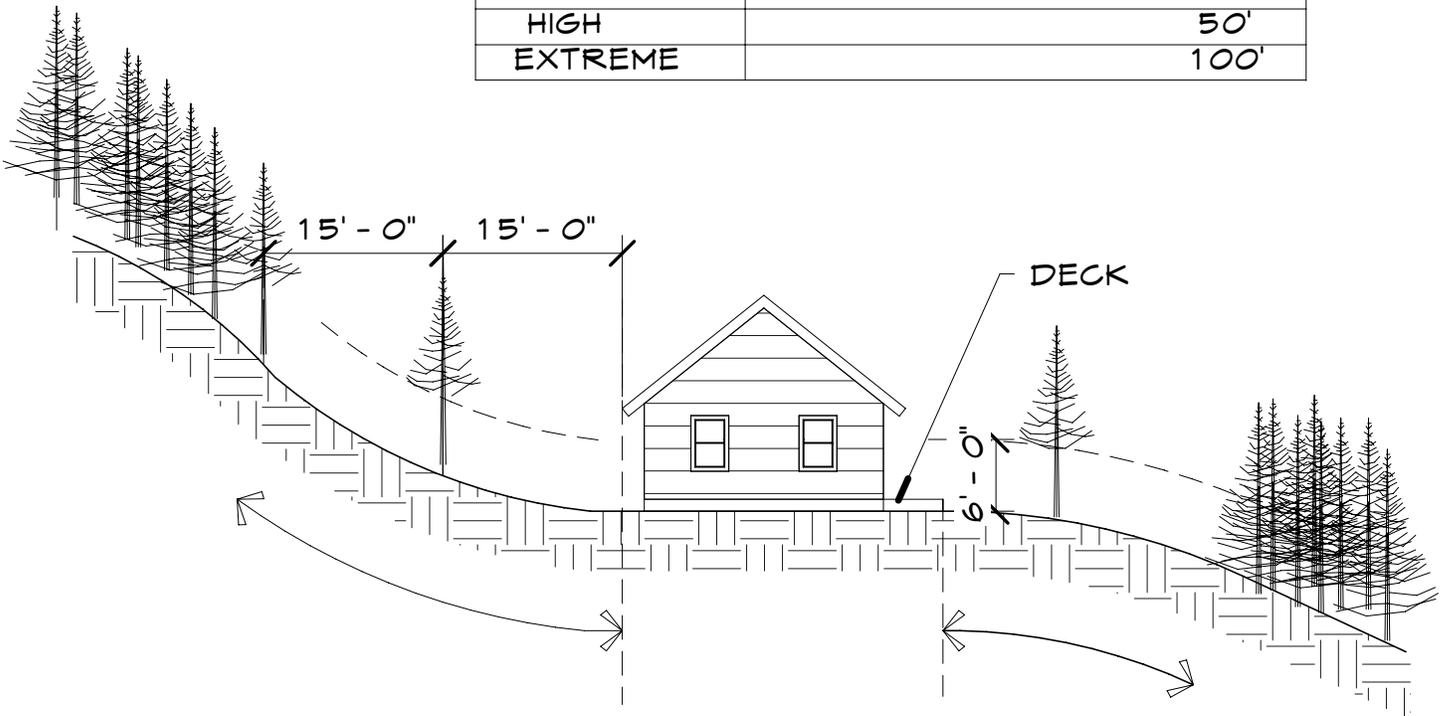
DEFENSIBLE SPACE

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



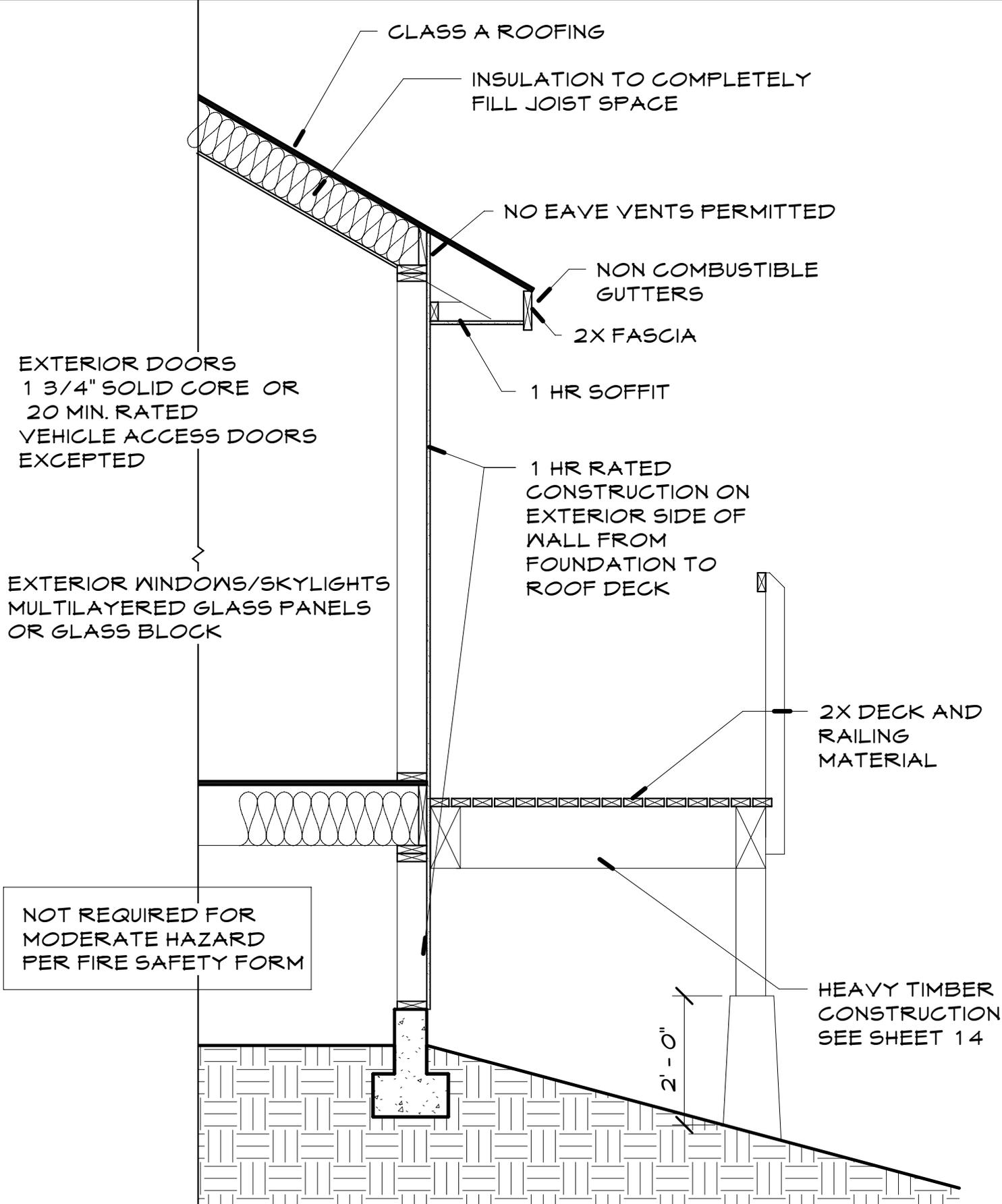
**TABLE 603.2
REQUIRED DEFENSIBLE SPACE**

| UNI AREA | FUEL MODIFICATION DISTANCE |
|----------|----------------------------|
| MODERATE | 30' |
| HIGH | 50' |
| EXTREME | 100' |

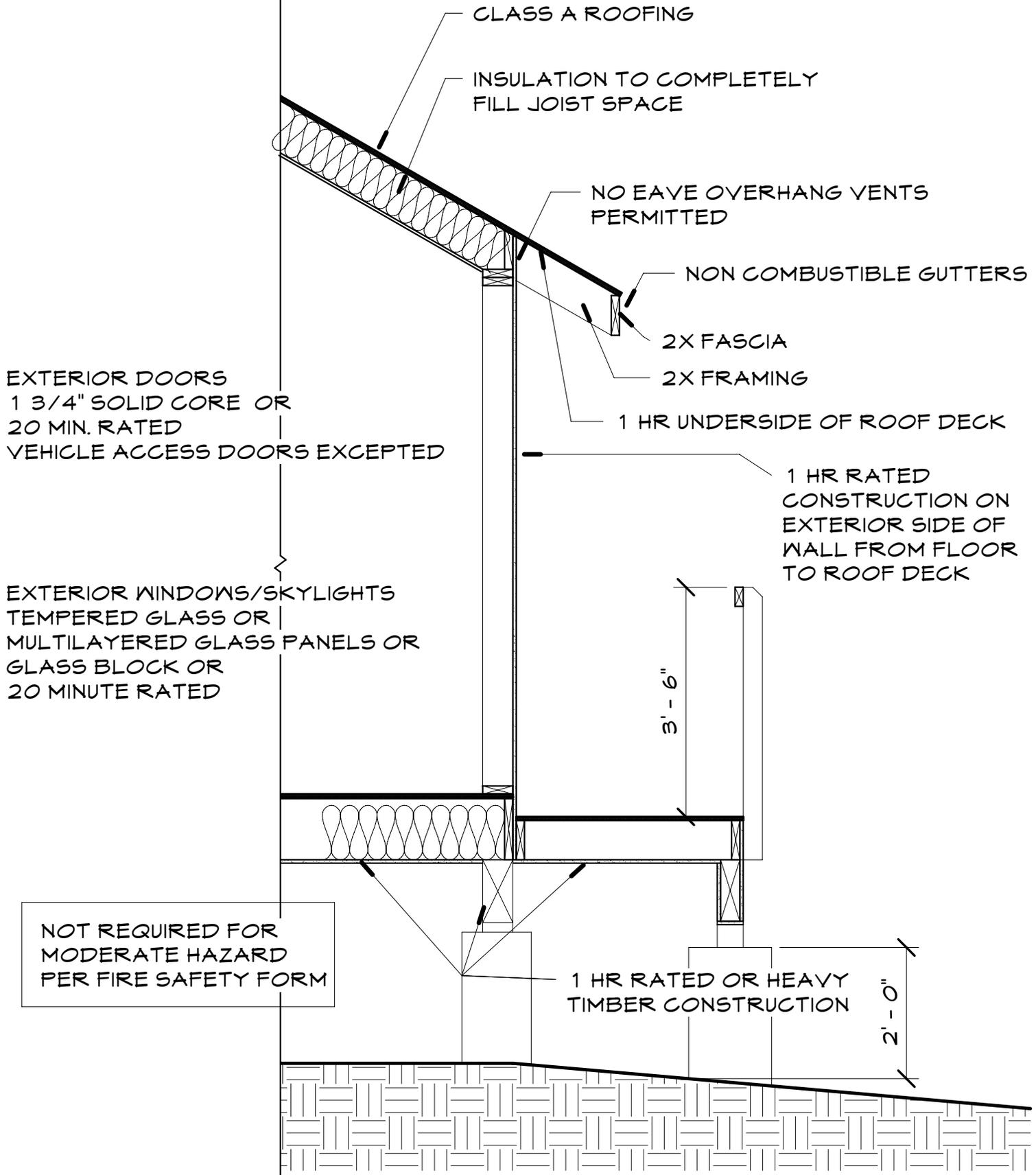


DEFENSIBLE SPACE

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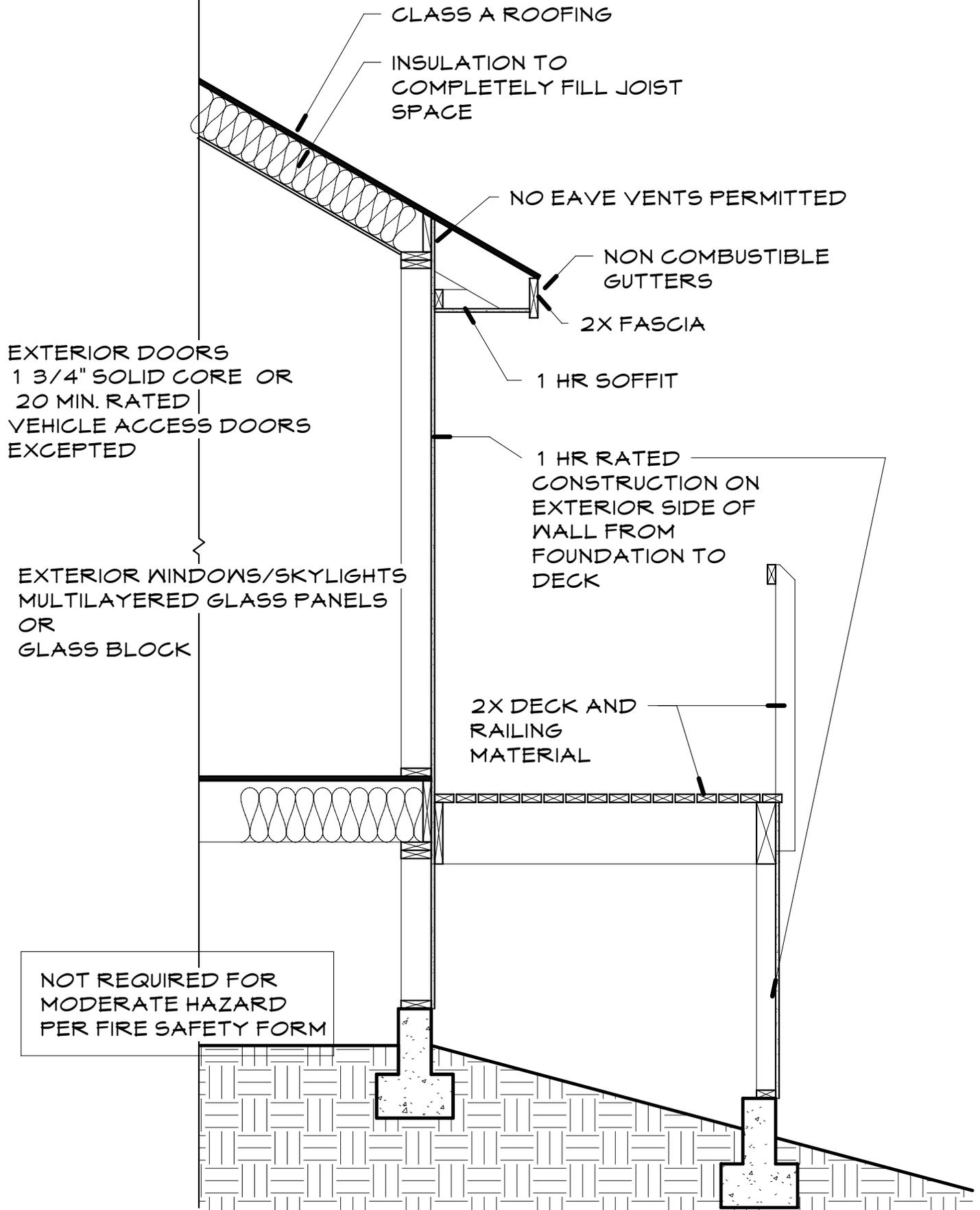


WALL SECTION 1 CLASS I IGNITION RESITANT CONSTRUCTION



WALL SECTION 2 CLASS I IGNITION RESITANT CONSTRUCTION

NTS



WALL SECTION 3 CLASS I IGNITION RESITANT CONSTRUCTION

CLASS A ROOFING

PERMITTED IN CODE WITHOUT ADDITIONAL DOCUMENTATION
(WITH FIRESTOPPED EAVE)

SLATE

CLAY OR CONCRETE ROOF TILES

EXPOSED CONCRETE DECK

FERROUS OR COPPER SHINGLES OR SHEETS

APPROVED WITH ADDITIONAL DOCUMENTATION

ASPHALT/ FIBERGLASS SHINGLES

3 PLY B.U. ROOF/MEMBRANE ROOFING

1 HOUR EXTERIOR WALL

PERMITTED IN CODE WITHOUT ADDITIONAL DOCUMENTATION

5/8" TYPE 'X' GYPSUM SHEATHING. EXTERIOR CLADDING TO
BE ATTACHED THROUGH SHEATHING TO STUDS

7/8" 3 COAT CEMENT STUCCO

HEAVY TIMBER CONSTRUCTION (6X6 OR LARGER)
OR LOG WALL CONSTRUCTION

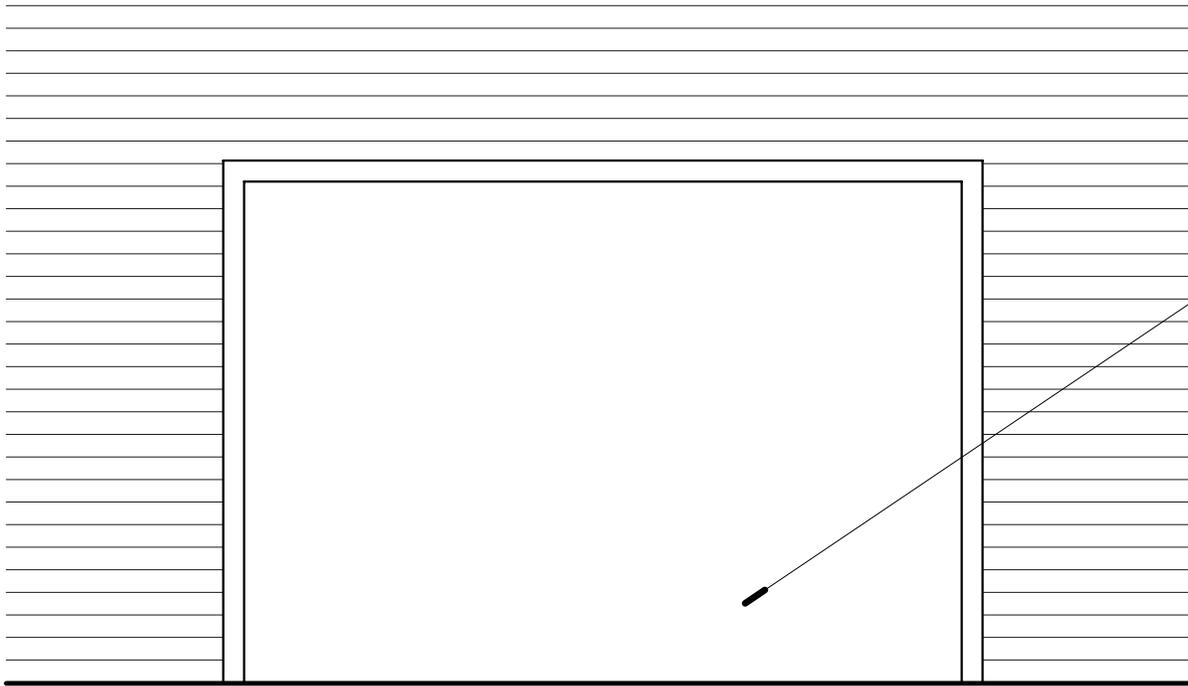
1 HOUR FLOOR

PERMITTED IN CODE WITHOUT ADDITIONAL
DOCUMENTATION

5/8" TYPE 'X' GYPSUM SHEATHING EXTERIOR CLADDING TO
BE ATTACHED THROUGH SHEATHING TO JOISTS

7/8" 3 COAT CEMENT STUCCO

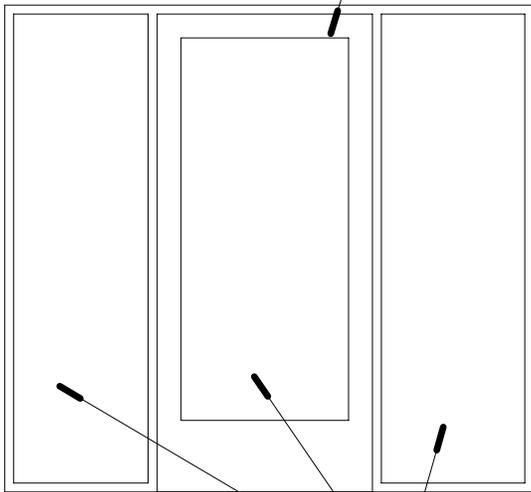
HEAVY TIMBER CONSTRUCTION
6X6 OR LARGER COLUMNS
6X10 OR LARGER BEAMS
3X10 OR LARGER JOISTS



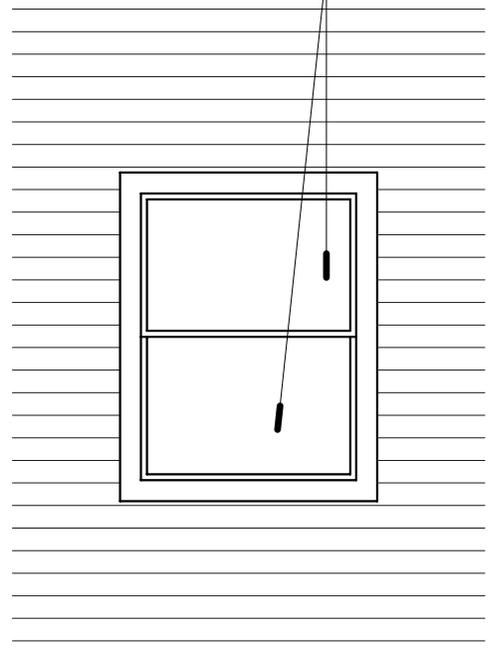
GARAGE
DOORS NOT
REQUIRED TO
BE RATED

CLASS 1 & CLASS 2 IGNITION RESISTANT CONSTRUCTION
EXTREME & HIGH HAZARD PER FIRE SEVERITY FORM

METAL OR 1 3/4"
WOOD FRAME OR
20 MIN LABEL



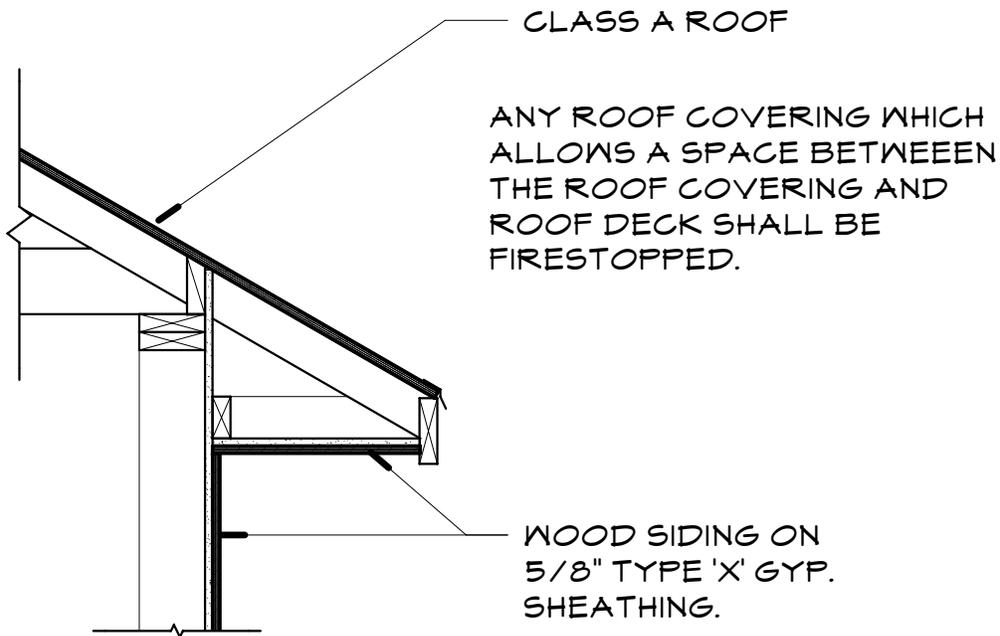
DUAL PANE GLASS



DUAL PANE TEMPERED
GLASS

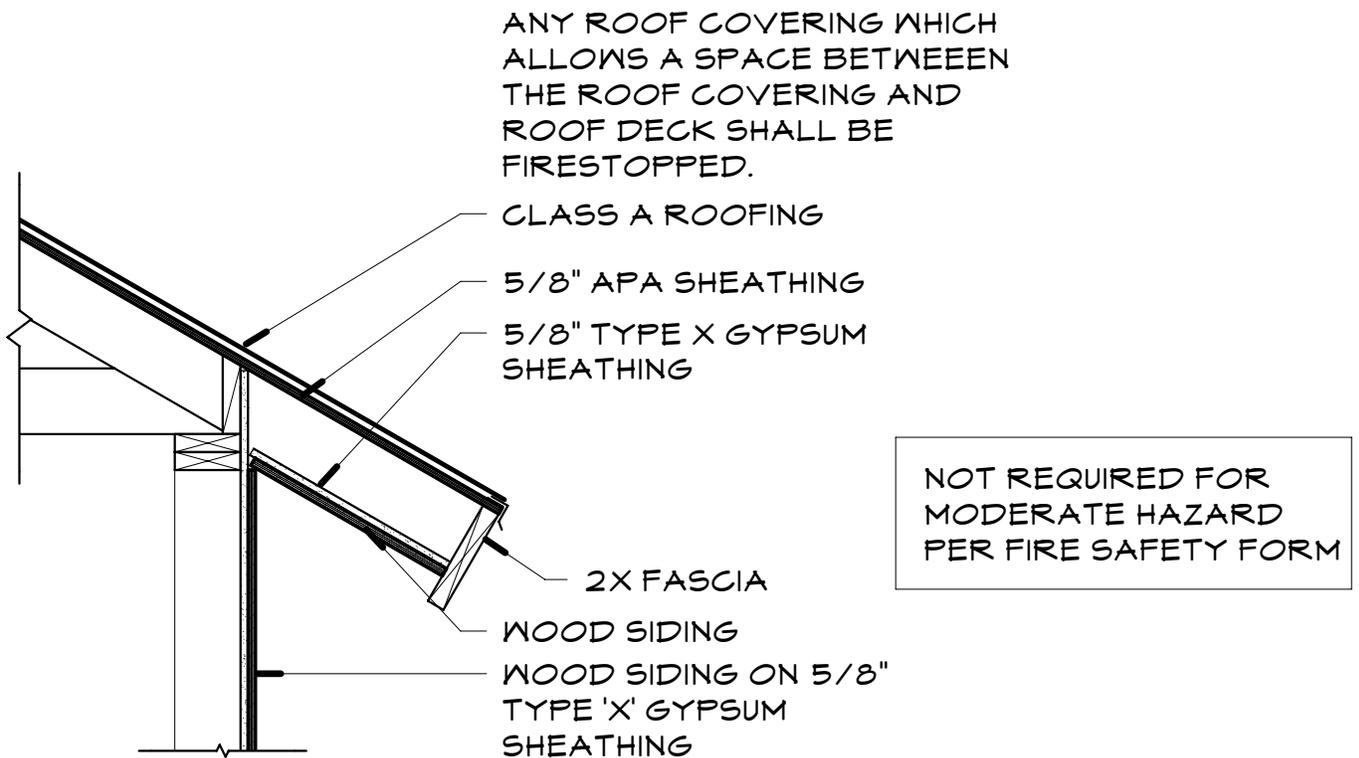
OPENING ELEVATION

NTS

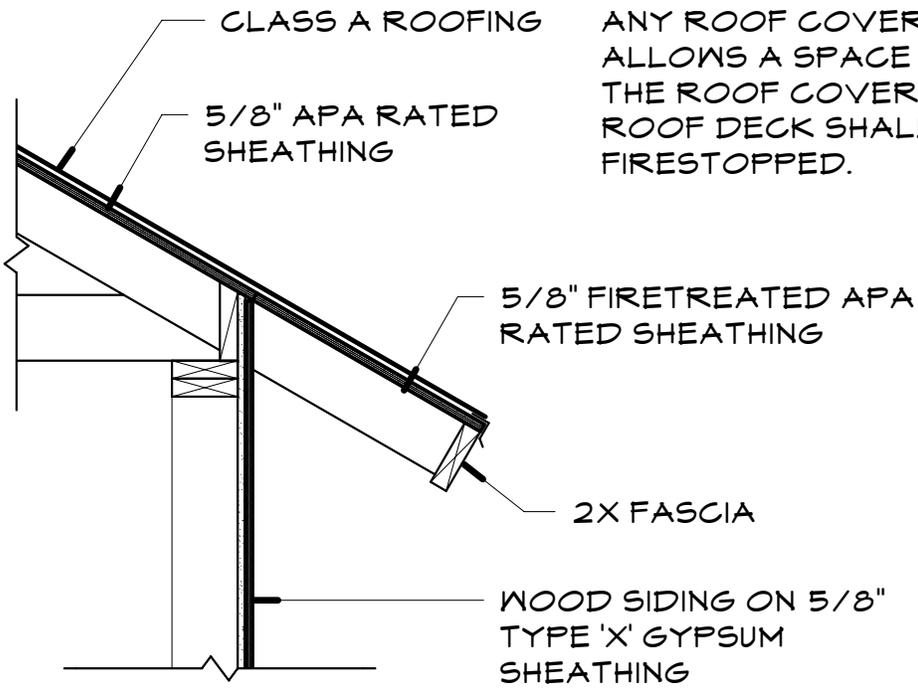


ROOF OVERHANG WITH SOFFIT

NTS



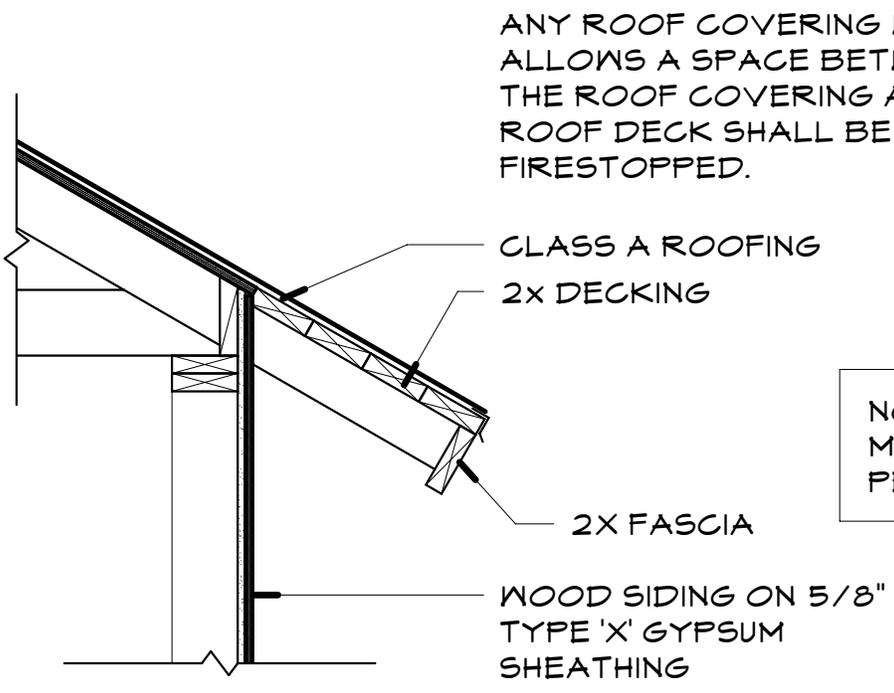
ROOF OVERHANG WITH SOFFIT



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

EXPOSED ROOF OVERHANG

NTS

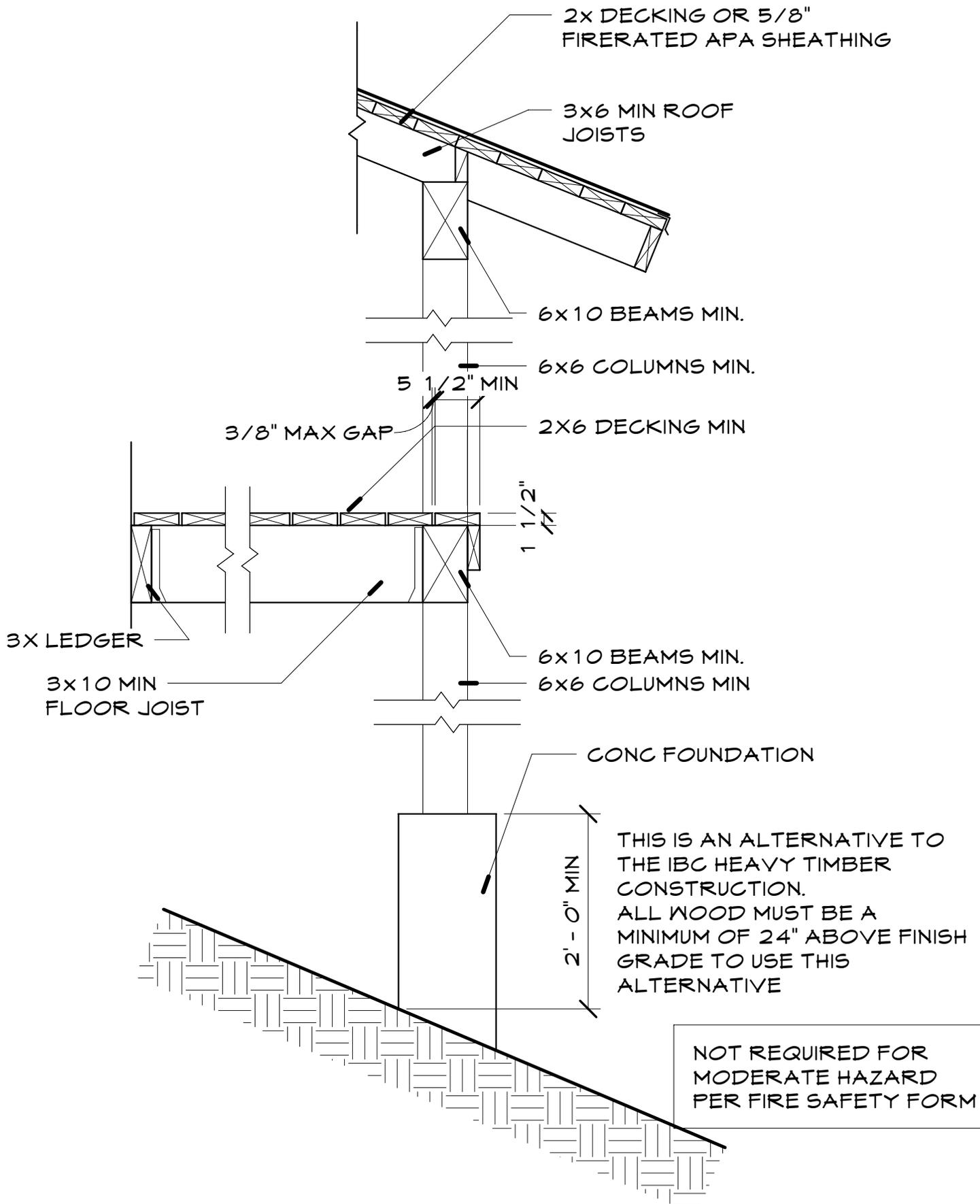


ANY ROOF COVERING WHICH ALLOWS A SPACE BETWEEN THE ROOF COVERING AND ROOF DECK SHALL BE FIRESTOPPED.

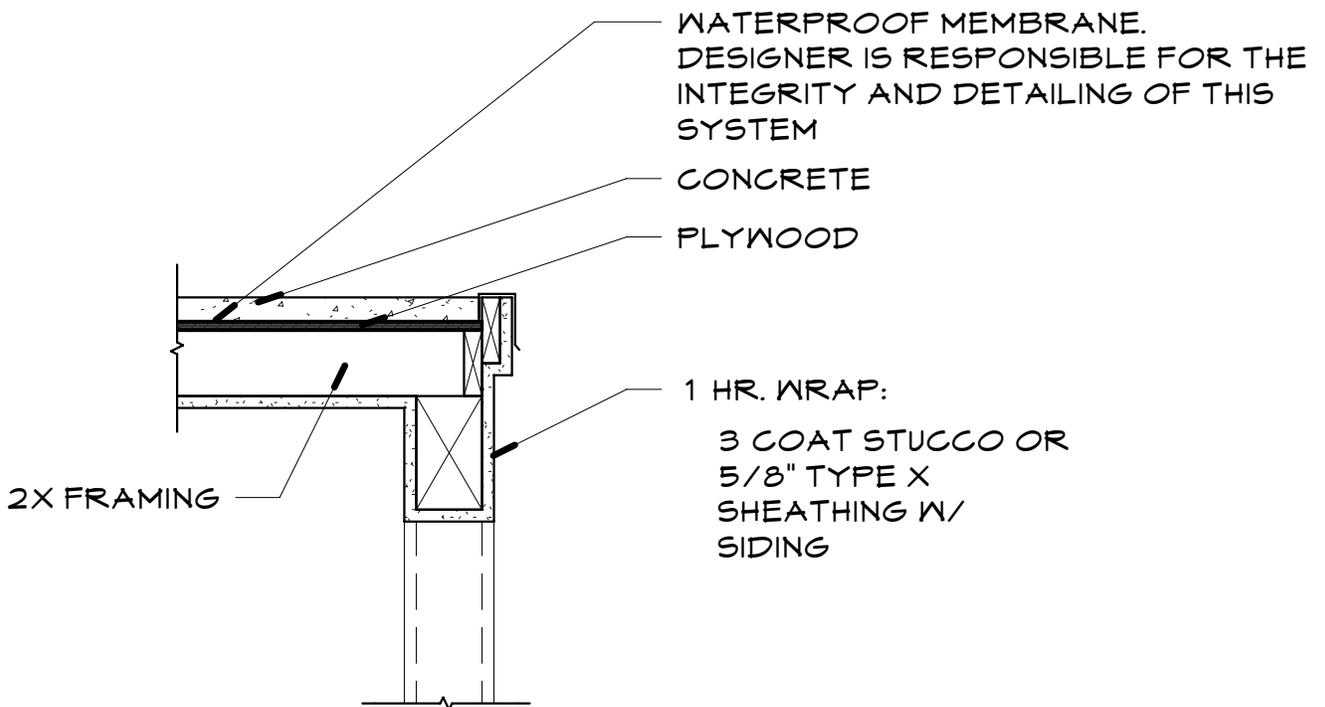
NOT REQUIRED FOR MODERATE HAZARD PER FIRE SAFETY FORM

2x EXPOSED DECKING

NTS

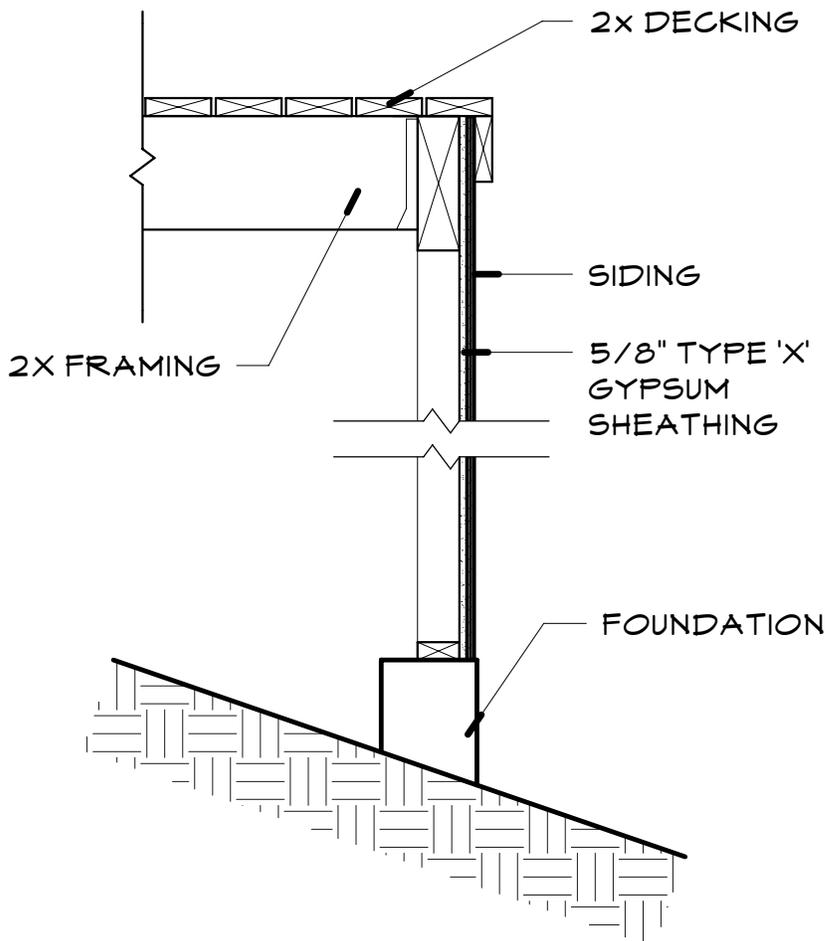


HEAVY TIMBER CONSTRUCTION FOR CLASS 1 & 2



1HR. WRAP FLOORING

NTS



NOT REQUIRED FOR
MODERATE HAZARD
PER FIRE SAFETY FORM

2x DECKING W/ SIDING