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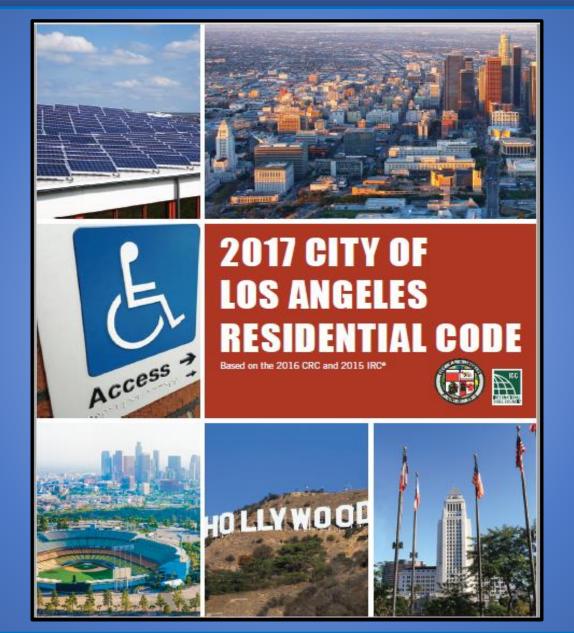


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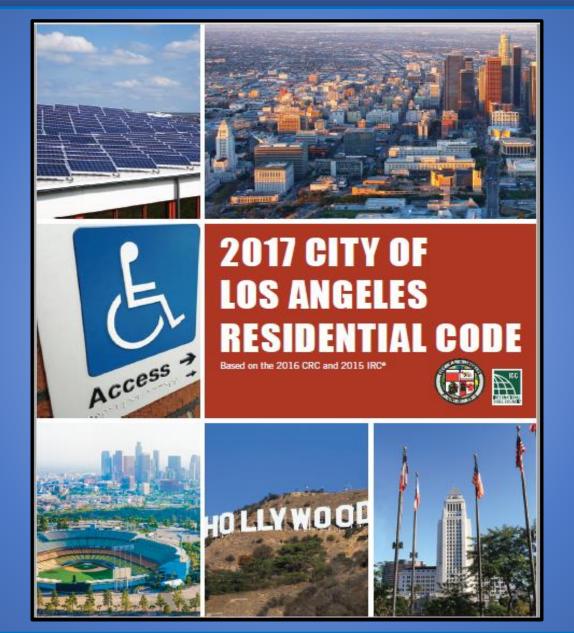




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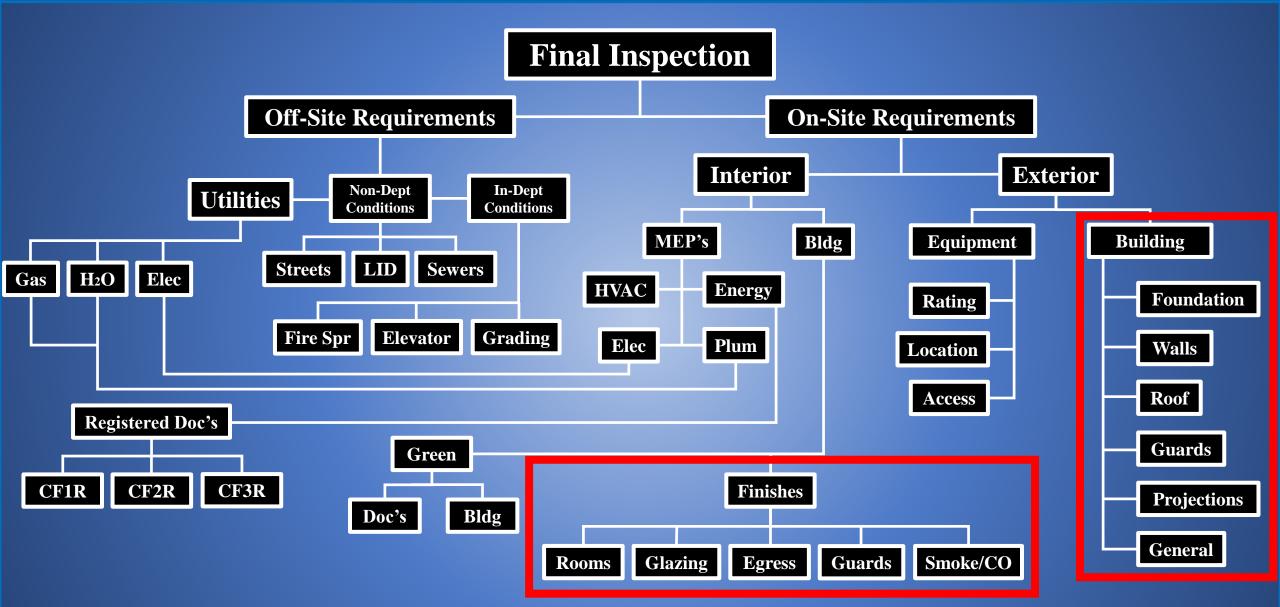
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Final Inspection

Exterior **Interior Foundation** Rooms Glazing Walls Roof **Egress** Guards Guards **Projections** Smoke/CO General General



- Proactive Inspection Process

- The Approved Plans are the Map
 - Begins with Early Inspections
 - Ends with a Smooth Final Inspection Process



- Begins with Early Inspections

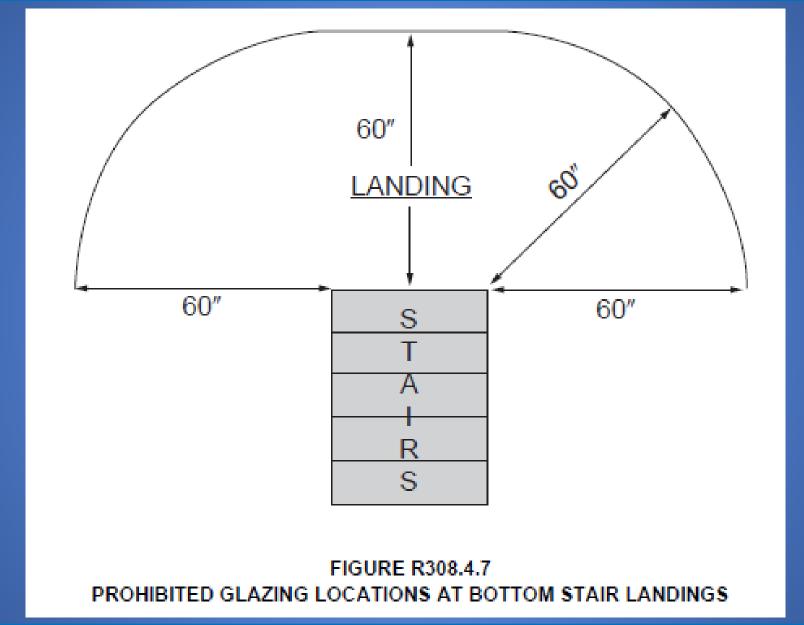
- The Map Is Not The Terrain
- Comprehensive Project Oversite
 - Look Forward to Identify the Significant Potential Setbacks



- Significant Potential Setbacks
- Always Moving Forward; Never Backwards
 - Is Demolition Involved in Providing for a Correction?
 - Was the Customer Forewarned Regarding the Requirement?

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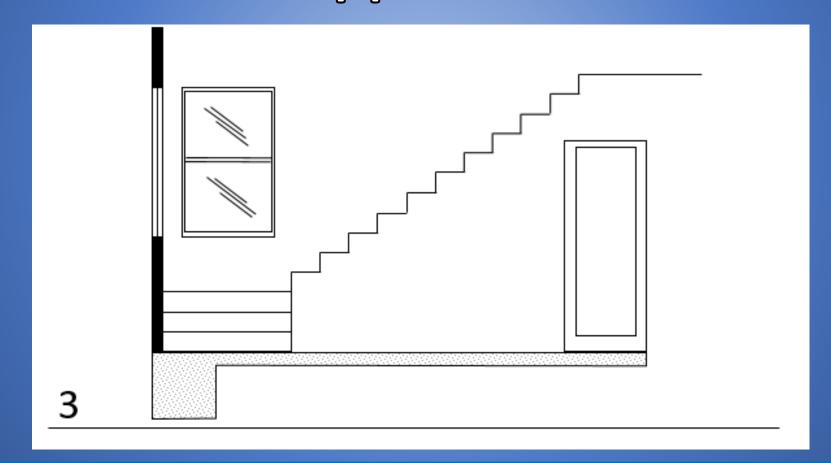




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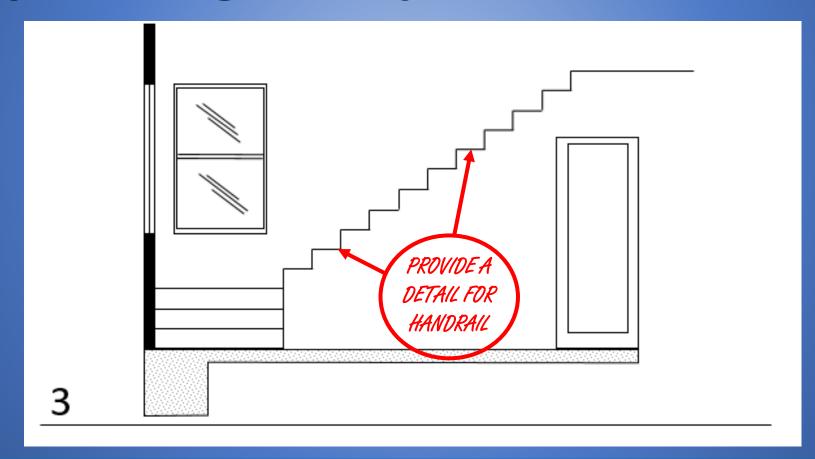


At Subfloor Frame Inspection, A Review of the Approved Plans Revealed:





Indicate on the Approved Plans that Safety Glazing is Required at the Landing:





- Significant Potential Setbacks
- Always Moving Forward; Never Backwards
 - Is Demolition Involved in Providing for a Correction?
 - Was the Customer Forewarned Regarding the Requirement?

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The Final Inspection

- Are They Ready for Final Inspection?

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Are They Ready for Final Inspection?

SECTION R110 CERTIFICATE OF OCCUPANCY

R110.1 Use and occupancy. A building or structure shall not be used or occupied, and a change in the existing use or occupancy classification of a building or structure or portion thereof shall not be made, until the *building official* has issued a certificate of occupancy therefor as provided herein. 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 ordinances of the *jurisdiction*. Certificates presuming to give authority to violate or cancel the provisions of this code or other ordinances of the *jurisdiction* shall not be valid.

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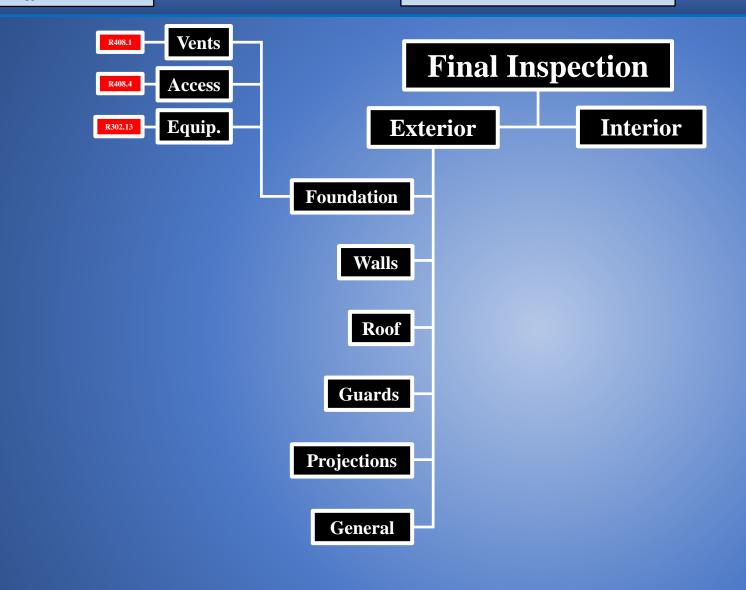


So, They are Ready for the Final Inspection...

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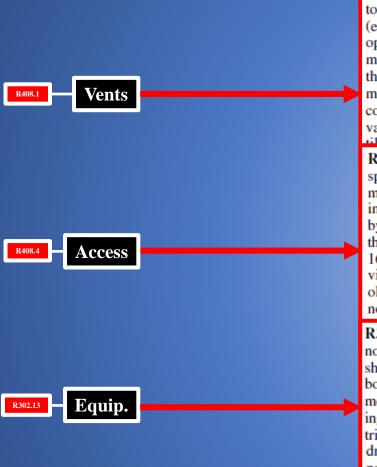


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R408.1 Ventilation. The under-floor space tom of the floor joists and the earth u (except space occupied by a basement) shopenings through foundation walls or eminimum net area of ventilation opening than 1 square foot (0.0929 m²) for each 1 m²) of under-floor space area, unless the covered by a Class 1 vapor retarder material vapor retarder material is used, the minimum tilation apprings shall be not less than 1

R408.4 Access. Access shall be provided spaces. Access openings through the floor mum of 18 inches by 24 inches (457 mm by ings through a perimeter wall shall be not by 24 inches (407 mm by 610 mm). Where through-wall access is below grade, an are 16 inches by 24 inches (407 mm by 610 vided. The bottom of the areaway shall by old of the access opening. Through wall accepted under a door to the resident

R302.13 Fire protection of floors. Floor not required elsewhere in this code to be f shall be provided with a ¹/₂-inch (12.7 r board membrane, ⁵/₈-inch (16 mm) woo membrane, or equivalent on the underside ing member. Penetrations or openings for trical outlets, lighting, devices, luminaire drainage, piping and similar openings or p permitted.



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DEPARTMENT OF BUILDING AND SAFETY



Roof

Guards

Projections

General

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Clearance Protection **Penetrations**

R703.7.2.1 Weep screeds. A minimum 0.019-inch (0 mm) (No. 26 galvanized sheet gage), corrosion-res tant weep screed or plastic weep screed, with a min mum vertical attachment flange of $3^{1}/_{2}$ inches (89 m shall be provided at or below the foundation plate 1 on exterior stud walls in accordance with ASTM C9. The weep screed shall be placed not less than 4 incl (102 mm) above the earth or 2 inches (51 mm) above paved areas and shall be of a type that will all trapped water to drain to the exterior of the building. The weather-resistant barrier shall lap the attachment flange. The exterior lath shall cover and terminate the attachment flange of the weep screed.

R703.1 General. Exterior walls shall provide the build with a weather-resistant exterior wall envelope. The external envelope shall include flashing as described in Sect R703.4.

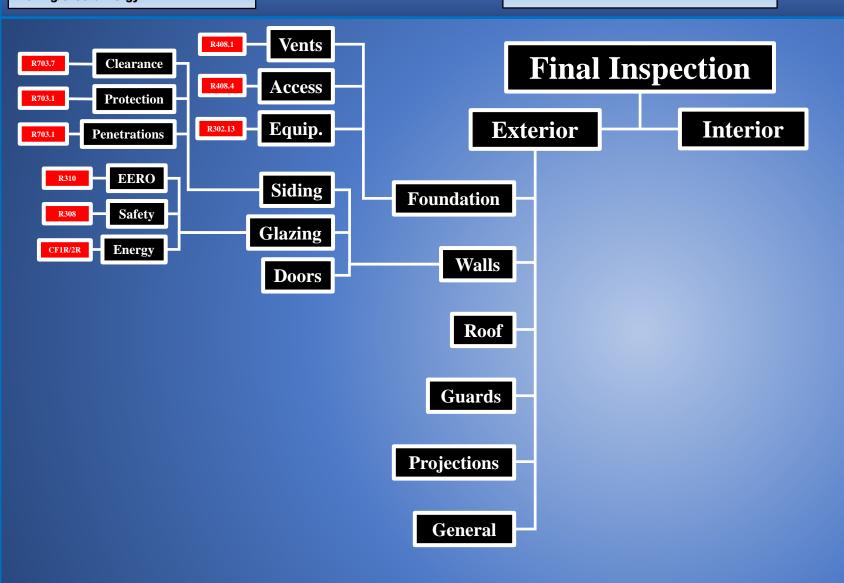
R703.1.1 Water resistance. The exterior wall envel shall be designed and constructed in a manner that prevente accumulation of water within the wall assembly by a viding a water-resistant barrier behind the exterior ver as required by Section R703.2 and a means of draining the exterior water that enters the assembly. Protect against condensation in the exterior wall assembly shall provided in accordance with the California Energy Control of the exterior wall assembly shall provided in accordance with the California Energy Control of the exterior wall assembly shall provided in accordance with the California Energy Control of the exterior wall assembly shall provide the exterior wall assembly shall be exterior wall as a shall be exterior



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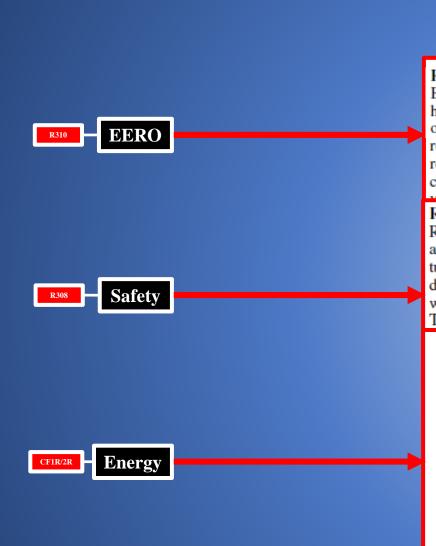
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— 34 IN. CLEAR —

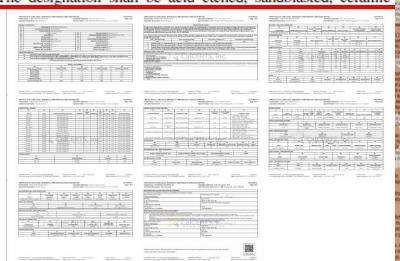
OPENABLE AREA 5.7 SO FT MIN

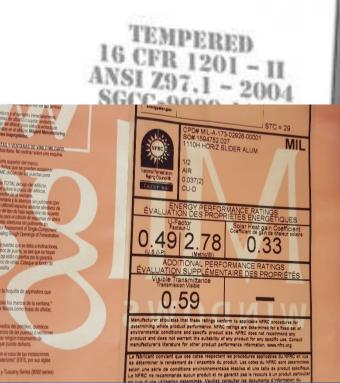
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R310.1 Emergency escape and rescue opening required. Basements, habitable attics and every sleeping room shall have not less than one operable emergency escape and rescue opening. Where basements contain one or more sleeping rooms, an emergency escape and rescue opening shall be required in each sleeping room. Emergency escape and rescue openings shall open directly into a public way, or to a part or court that opens to a public way.

R308.1 Identification. Except as indicated in Section R308.1.1 each pane of glazing installed in hazardous locations as defined in Section R308.4 shall be provided with a manufacturer's designation specifying who applied the designation, designating the type of glass and the safety glazing standard with which it complies, which is visible in the final installation. The designation shall be acid etched, sandblasted, ceramic-





20 IN. CLEAR MIN

OPENABLE

5.7 SQ FT

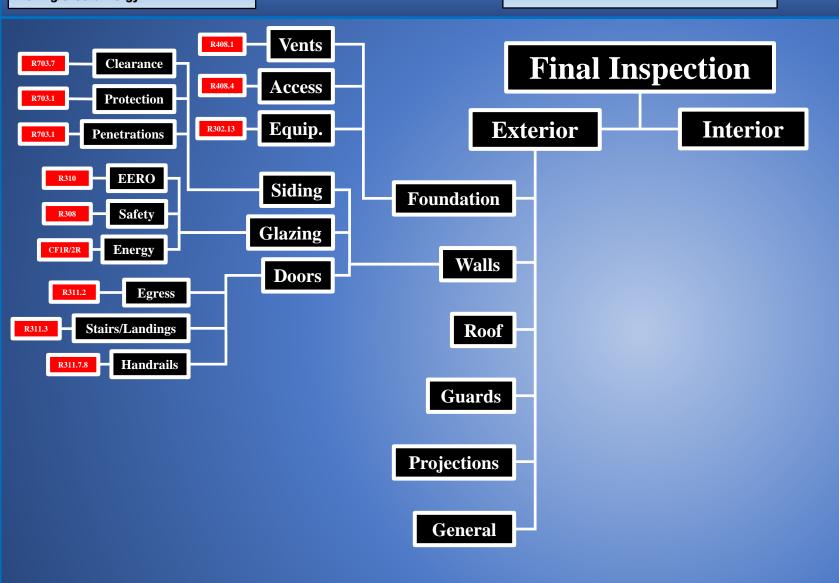
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AREA

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Egress

Egress

Egrical Egress

R311.2 Egress door. Not less than one egress door shal be provided for each dwelling unit. The egress doo shall be side-hinged, and shall provide a clear width o not less than 32 inches when measured between the fac of the door and the stop, with the door open 90 degrees. The clear height of the door opening shall be not less than 78 inches in height measured from the top of the threshold to the bottom of the stop. Other doors shall not be required to comply with these minimum dimensions. Egress doors shall be readily openable from inside the dwelling without the use of a key or special

R311.3 Floors and landings at exterior doors. There shabe a landing or floor on each side of each exterior door. To width of each landing shall be not less than the door serve Every landing shall have a dimension of not less than a inches (914 mm) measured in the direction of travel. To slope at exterior landings shall not exceed 1/4 unit vertical 12 units horizontal (2 percent).

R311.7.8 Handrails. Handrails shall be provided on n less than one side of each continuous run of treads or flig with four or more risers.

R311.7.8.1 Height. Handrail height, measured ver cally from the sloped plane adjoining the tread nosing, finish surface of ramp slope, shall be not less than 3 inches (864 mm) and not more than 38 inches (965 mm



Stairs/Landings



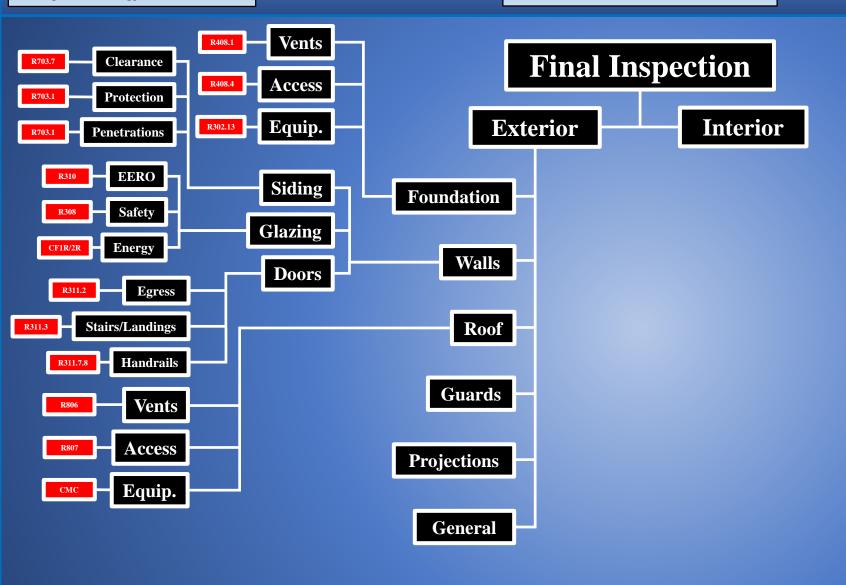


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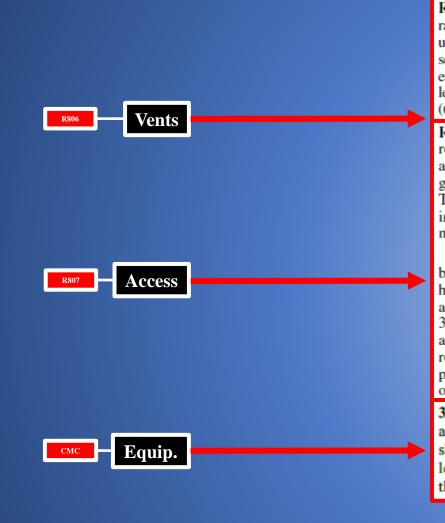


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R806.1 Ventilation required. Enclosed attics and enclos rafter spaces formed where ceilings are applied directly to tunderside of roof rafters shall have cross ventilation for ea separate space by ventilating openings protected against tentrance of rain or snow. Ventilation openings shall have least dimension of ¹/₁₆ inch (1.6 mm) minimum and ¹/₄ in (6.4 mm) maximum. Ventilation openings having a le

R807.1 Attic access. Buildings with combustible ceiling roof construction shall have an attic access opening to at areas that have a vertical height of 30 inches (762 mm) greater over an area of not less than 30 square feet (2.8 m The vertical height shall be measured from the top of the ceing framing members to the underside of the roof frami members.

The rough-framed opening shall be not less than 22 inch by 30 inches (559 mm by 762 mm) and shall be located in hallway or other readily accessible location. Where located a wall, the opening shall be not less than 22 inches wide 30 inches high (559 mm wide by 762 mm high). Where access is located in a ceiling, minimum unobstructed her room in the attic space shall be 30 inches (762 mm) at so point above the access measured vertically from the botto of ceiling framing members. See the California Mechanic

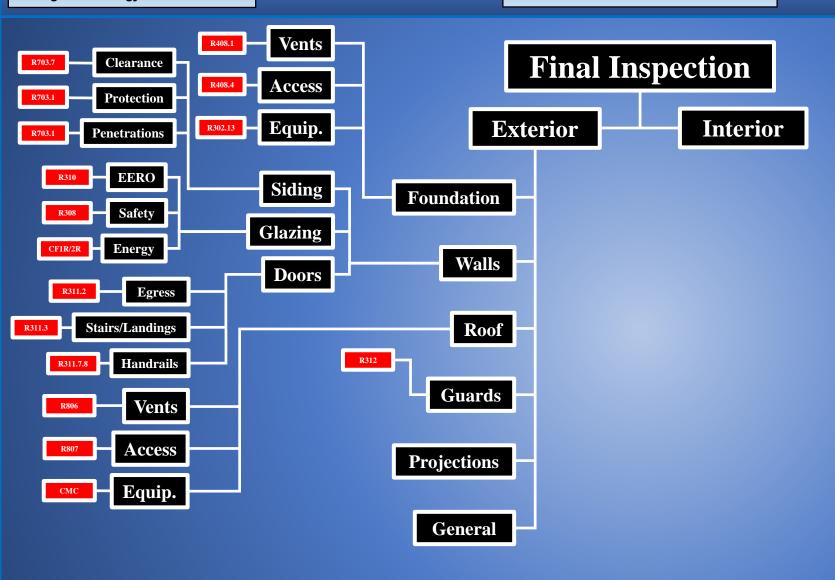
304.4 Appliances in Attics and Under-Floor Spaces. A attic or under-floor space in which an appliance is install shall be accessible through an opening and passageway reless than the largest component of the appliance, and not let than 22 inches by 30 inches (559 mm by 762 mm).



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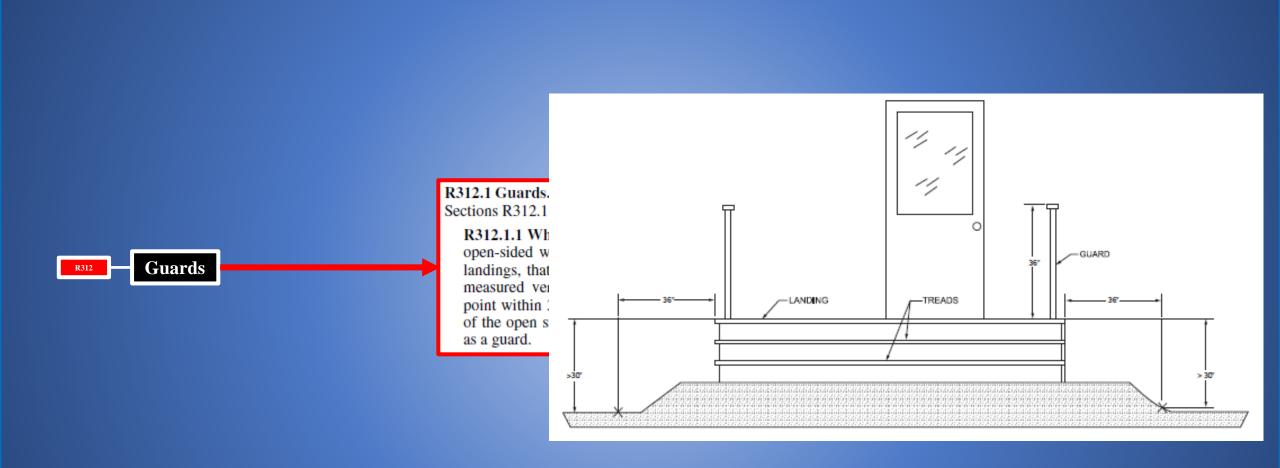




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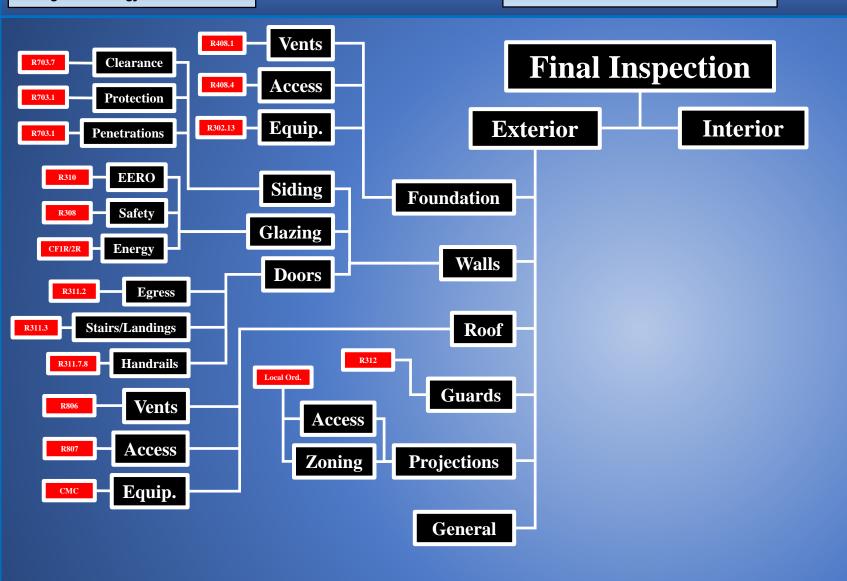




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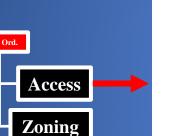


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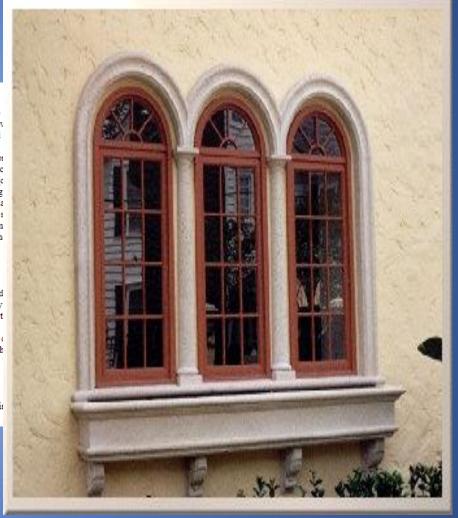
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20. Projections Into Yards.

- (a) A canopy above an entrance and extending over a driveway which leads to a detached garage or a parking space commonly referred to as a porte-cochere, may project into a required side yard, but not nearer than 30 in to any lot line, prov in length, and is entirely open on at least three sides except for the necessary supporting columns and customary architectural
- (b) Cornices, belt courses, sills, or other similar architectural features (not including bay windows or vertical projection adjoining the street lot line of a corner lot, not more than two inches for each one foot of width of such yard, and may project lot line of a corner lot, passageway, or other open space not more than 30 inches, except as provided in Section 12.08.5 C.1.(c corner lot is not reduced to less than three feet. Eaves may project into a required side yard, other than the side yard adjoining one foot of width of such side yard, provided the width of such side yard is not reduced to less than two and one-half feet. Ea adjoining the street lot line of a corner lot, passageway, or other open space not more than 30 inches, provided the width of a sless than two and one-half feet. Chimneys may project into a required passageway not more than one foot and may project in space, except as provided in Section 12.08.5 C.1.(c), not more than two feet, provided the width of any required side yard is n Eff. 7/10/69.)
- (c) Fire escapes may extend or project into any front, side or rear yard not more than four (4) feet.
- (d) (Amended by Ord. No. 138,685, Eff. 7/10/69.) Except in an RW Zone, where a required passage may not be red covered by a roof or canopy, may extend or project into a required rear yard not more than four feet, and such balconies may the side yard adjoining the street lot line of a corner lot, not more than 30 inches, provided the width of a side yard adjoining t
- (e) Open, unenclosed porches, platforms, or landing places (including access stairways thereto) not covered by a roof or obuilding, may extend or project into the required front yard, side yard, rear yard, passageway, or other open space, not more the or landing space be more than six feet above the natural ground level adjacent thereto. (Amended by Ord. No. 138,685, Eff.
- (f) Fences and Walls in the A and R Zones. (Amended by Ord. No. 154,798, Eff. 2/20/81.)
 - (1) Fences and Walls. For the purposes of <u>Article 2</u> through 6 of this chapter, the terms "fence" and "wall" shall is growths of shrubs or trees. Fence and wall height shall be measured from the natural ground level adjacent thereto.

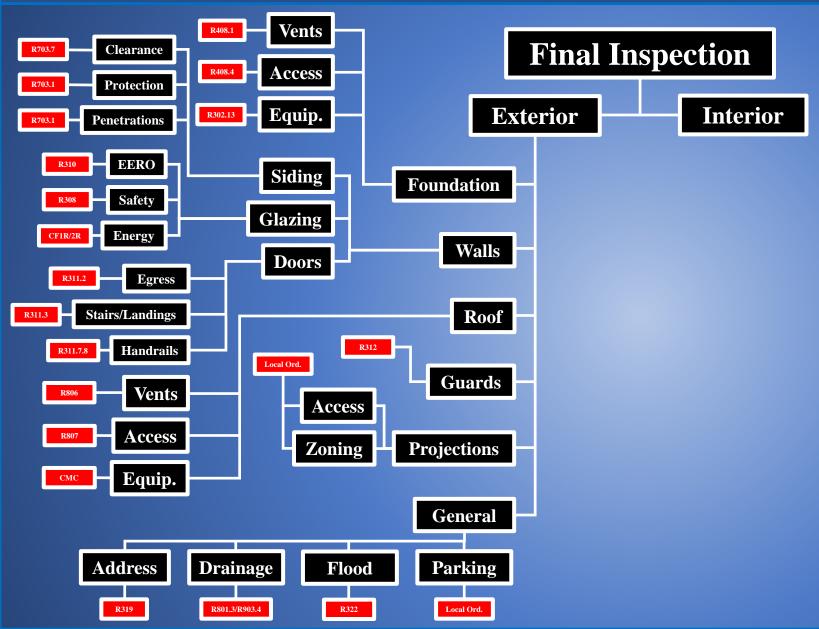


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Address **Drainage** Flood **Parking**

R319.1 Address identification. Buildings shall be provided with approved address identification. The address identification shall be legible and placed in a position that is visible from the street or road fronting the property. Address identification characters shall contrast with their background. Address numbers shall be Arabic numbers or alphabetical letters. Numbers shall not be spelled out. Each character shall be not less than 4 inches (102 mm) in height with a stroke width of not less than 0.5 inch (12.7 mm). Where required by the fire code official, address identification shall be provided in additional approved locations to facilitate emergency

ible soils are known to exist, all dwellings shall have a controlled method of water disposal from roofs that will collect and discharge roof drainage to the ground surface not less than 5 feet (1524 mm) from foundation walls or to an R322.1 General. Buildings and structures constructed in whole or in part in flood hazard areas, including A or V Zones and Coastal A Zones, as established in Table

R301.2(1), and substantial improvement and restoration of substantial damage of buildings and structures in flood haz-

R801.3 Roof drainage. In areas where expansive or collaps-

(b) Flexible Units. Whenever a layout within any dwelling unit or guest room is designed with multiple hallway entrances, multiple toilet and bath facilities or bar sink installations, so that it can be easily divided into or used for separate apartments or guest rooms, the lot area requirements and the automobile parking requirements shall be based upon the highest possible number of dwelling units or guest rooms obtainable from any such arrangement.



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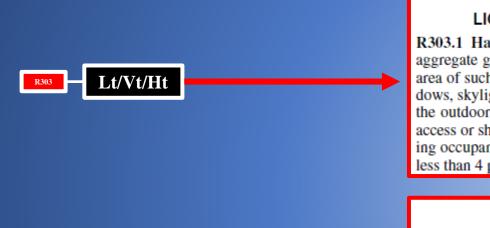
Size/Ht

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SECTION R303 LIGHT, VENTILATION AND HEATIN

R303.1 Habitable rooms. Habitable rooms sha aggregate glazing area of not less than 8 percent of area of such rooms. Natural ventilation shall be the dows, skylights, doors, louvers or other approved of the outdoor air. Such openings shall be provided access or shall otherwise be readily controllable by ing occupants. The openable area to the outdoors sless than 4 percent of the floor area being ventilate

SECTION R304 MINIMUM ROOM AREAS

R304.1 Minimum area. Habitable rooms shall h area of not less than 70 square feet (6.5 m²).

Exceptions: Kitchens.

R304.2 Minimum dimensions. Habitable rooms s less than 7 feet (2134 mm) in any horizontal dimer



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R306.3 Sewage disposal. Plumbing fixtures shall nected to a sanitary sewer or to an approved private

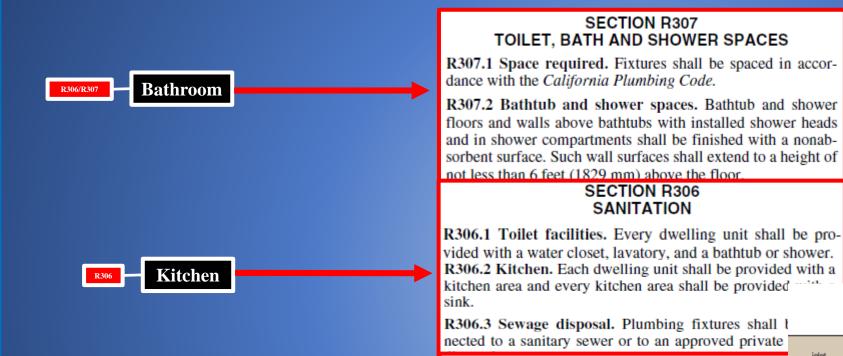
R306.4 Water supply to fixtures. Plumbing fixture be connected to an approved water supply. Kitcher

lavatories, bathtubs, showers, bidets, laundry tu washing machine outlets shall be provided with hot a

disposal system.

water.





Maintain Code Required access covers

sedimentation zone

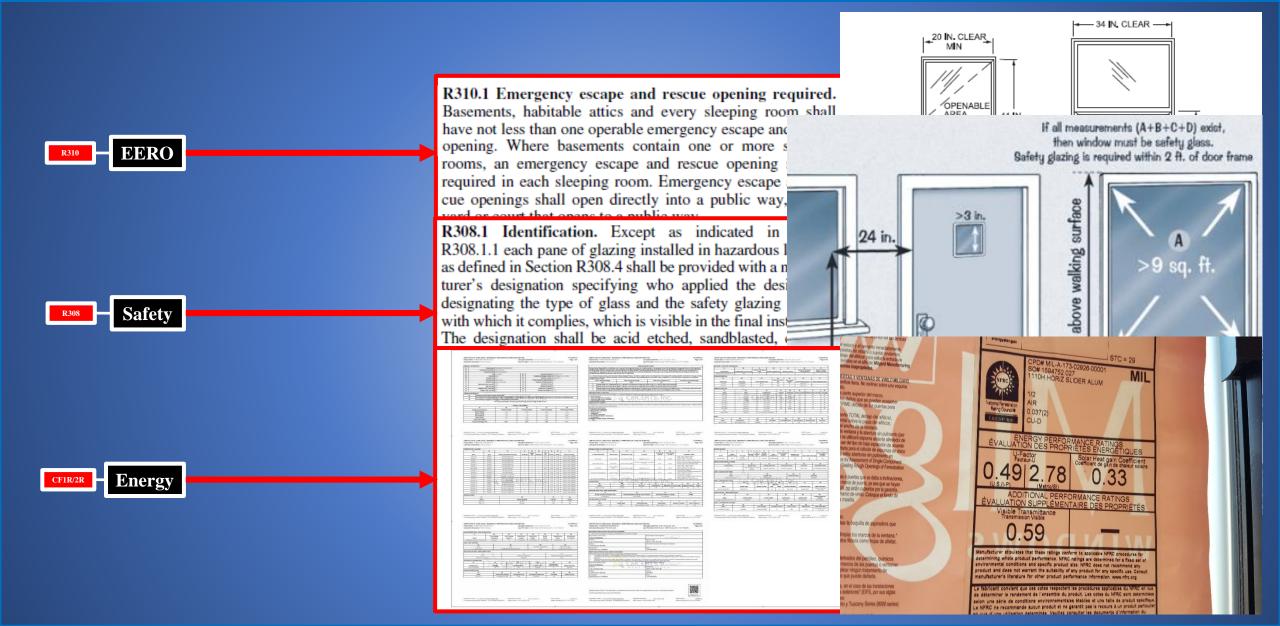
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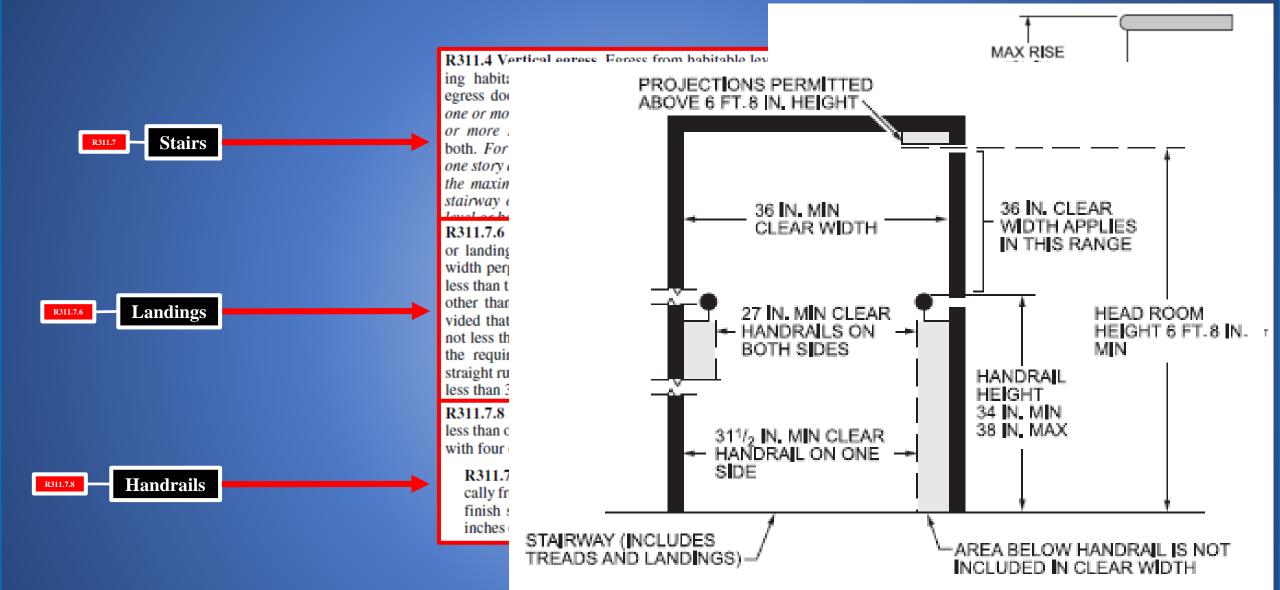
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R311.2 Egress door. Not less than one egress do be provided for each dwelling unit. The egre shall be side-hinged, and shall provide a clear v not less than 32 inches when measured between of the door and the stop, with the door open 90 c. The clear height of the door opening shall be than 78 inches in height measured from the top threshold to the bottom of the stop. Other doo not be required to comply with these m dimensions. Egress doors shall be readily openal inside the dwelling without the use of a key or knowledge or effort.

SIBLE HOLD $7^{3}I_{A}$

DOOR SWINGS

Hallways

Ext Door

R311.6 Hallways. The width of a hallway shall be not less than 3 feet (914 mm).

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R312.1 Guards. Guards Sections R312.1.1 throug

R312.1.1 Where requipments open-sided walking sidendings, that are local measured vertically the point within 36 inches of the open side. Inseed as a guard.



Guards

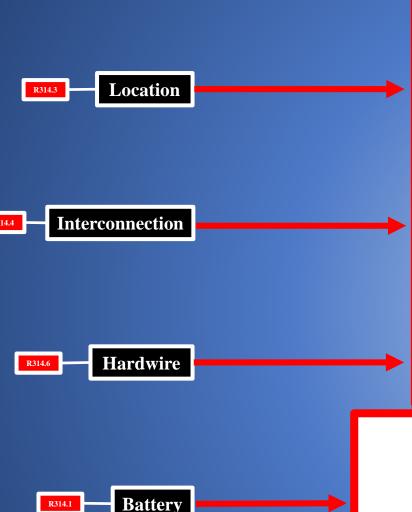
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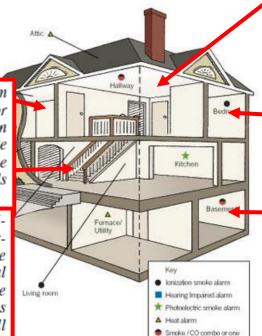
SECTION P214
SMOKE AL, MASTER PLACEMENT GUIDELINES

R314.3 Location. Smoke alarms 2-STORY HOME lowing locations:

- 1. In each steeping room.
- Outside each separate slee vicinity of the bedrooms

R314.4 Interconnection. Where more than one smoke alarm is required to be installed within an individual dwelling or sleeping unit, the smoke alarms shall be interconnected in such a manner that the activation of one alarm will activate all of the alarms in the individual unit. The alarm shall be clearly audible in all bedrooms over background noise levels with all intervening doors closed.

R314.6 Power source. Smoke alarms shall receive their primary power from the building wiring provided that such wiring is served from a commercial source and shall be equipped with a battery backup. Smoke alarms with integral strobes that are not equipped with battery backup shall be connected to an emergency electrical system. Smoke alarms shall emit a signal when the batteries are low. Wiring shall



SECTION R314 SMOKE ALARMS

R314.1 General. Smoke alarms shall comply with NFPA 72 and Section R314.

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R315.3 Location. Carbon monoxide alarms in dwelling t shall be installed and maintained in accordance with manufacturer's published instructions in the following l tions: Location

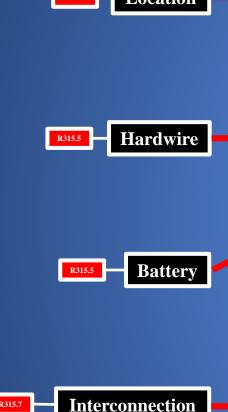
- 1. Outside of each separate sleeping area in the immed vicinity of the bedrooms.
- 2. On every occupiable level of a dwelling unit, inclu basements.

3. Where a fuel burning appliance is located within a

R315.5 Power source. Carbon monoxide alarms shall receive their primary power from the building wiring where such wiring is served from a commercial source and, where primary power is interrupted, shall receive power from a battery. Wiring shall be permanent and without a disconnecting switch other than those required for overcurrent protection.

Exception: Interconnection is not required in existing buildings built prior to January 1, 2011, under any of the following conditions:

1. Physical interconnection is not required where listed wireless alarms are installed and all alarms sound upon activation of one alarm.



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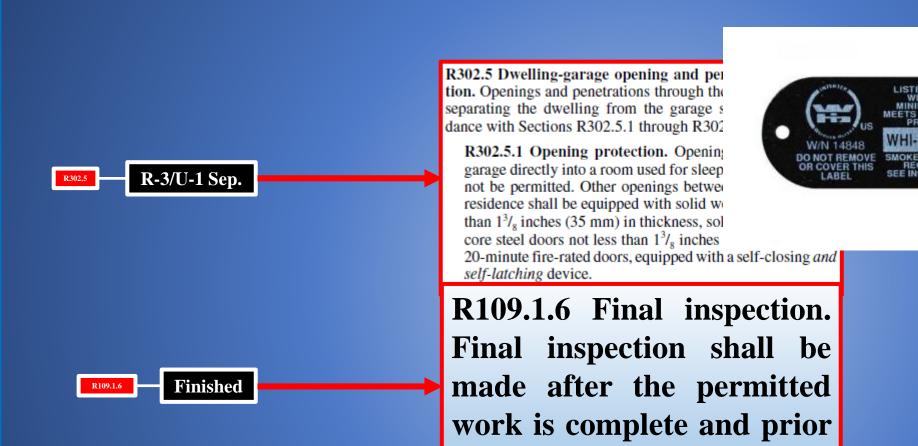
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