

Building Planning Miscellaneous Provisions

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Course Information

Building Planning Miscellaneous Provisions 1 Hour General Credit Training Provider: Florida Home Builders Association 2600 Centennial Place Tallahassee, FL 32308 Phone: (850)402-1849 FHBA.com CLIB & BCAIB Provider # 0000916 FBPE Provider # 0008653

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BUILDING PLANNING MISCELLANEOUS PROVISIONS

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FLORIDA BUILDING CODE CHAPTER 3

- Wind Design Ensuring the building can withstand high winds and gusts, including structural reinforcements and aerodynamic considerations.
- Structural Design Designing the building's frame, foundations, and load-bearing elements to support the weight of the structure and any occupants or contents.
- Fire Resistance

- Egress Designing the building's layout and exits to allow for safe and efficient evacuation in an emergency, with clear signage and accessible pathways.
- Flood Protection Implementing measures to protect the building from flooding, such as elevated foundations, drainage systems, and flood-resistant materials.
- Miscellaneous Provisions Incorporating fire-resistant materials and systems to protect the building and its occupants in the event of a fire, such as sprinklers and fire-rated walls. environmental considerations.







LIGHT AND VENTILATION EXEMPTIONS

• Habitable Rooms Glazed Areas For habitable rooms other than kitchens, the glazed areas need not be openable where the opening is not areas need not be openable where the opening is not required by Section R310 and a whole-house mechanical ventilation system or a mechanical ventilation system capable of producing 0.35 air changes per hour in the habitable rooms is installed in accordance with Section M1507.

Kitchen Glazed Areas

For kitchens, the glazed areas need not be openable where the opening is not required by Section R310 and a local exhaust system is installed in accordance with Section M1507.

• Rooms with Artificial Lighting The glazed areas need not be installed in rooms where Exception 1 is satisfied and artificial light is provided

Exception 1 is adverted and architecting in the provided that is capable of producing an average illumination of 6 footcandles (65 lux) over the area of the room at a height of 30 inches (762 mm) above the floor level.

• Sunrooms and Patio Covers Use of sunroom and patio covers, as defined in Section R202, shall be permitted for natural ventilation if in excess of 40 percent of the exterior sunroom walls are open, or are enclosed only by insect screening.

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or a yard or court located on the same lot as the building. However, there

SUNROOM EXCEPTION

Required glazed openings shall be permitted to open into sunroom additions or patio covers that abut a street, yard or court if in excess of 40 percent of the exterior sunroom walls are open, or are enclosed only by insect screening, and the ceiling height of the sunroom is not less than 7 feet.

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If the air infiltration rate is less than 3.00 air changes per hour, the dwelling unit must be provided with a whole-house mechanical ventilation system in accordance with Section M1507.3.

Dwelling Unit Exhaust

The exhaust from dwelling unit toilet rooms, bathrooms, and kitchens shall not be considered as hazardous or noxious.

MECHANICAL VENTILATION

 R303.4 Mechanical Ventilation Whole-House Mechanical This code section outlines the requirements for whole-house mechanical ventilation in dwelling units with an air infiltration rate less than 3.00 air changes per hour when tested with a blower door at a pressure of 0.2 inch w.c. (50 Pa) in accordance with Section R402.4.1.2 of the Florida Building Code, Energy Conservation.

• Air Infiltration Rate

The air infiltration rate of the dwelling unit must be tested and verified to be less than 3.00 air changes per hour when tested with a blower door at a pressure of 0.2 inch w.c. (50 Pa).

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OUTSIDE AIR INTAKE

 Intake Openings Mechanical and gravity outdoor air intake openings shall be located at least 10 feet (3048 mm) away from any hazardous or noxious contaminant, such as vents, chinmeys, plumbing vents, streets, alleys, parking lots, and loading docks.

Exceptions

The 10-foot (3048 mm) separation requirement is not necessary if the intake opening is located 3 feet (914 mm) or greater below the contaminant source.



Interior stairways play a crucial role in building safety, ensuring that occupants can navigate stairs with ease and visibility. The building code requires that these stairways be equipped with artificial lighting to illuminate the treads and landings, providing a minimum of 1 footcandle (11 lux) of illumination at the center of each tread and landing with six or more risers.













MINIMUM CEILING HEIGHTS

• Minimum Ceiling Height Habitable spaces, hallways, and portions of basements must have a ceiling height of at least 7 feet (2134 mm).

Bathroom and Laundry Ceiling Height Bathrooms, toilet rooms, and laundry rooms must have a ceiling height of at least 6 feet 8 inches (2032 mm).
 Beams, girders, ducts, and other obs

- Sloped Ceiling Exceptions Rooms with sloped cellings must have at least 50% of the required floor area with a celling height of 7 feet (2134 mm), and the remaining area must have a minimum of 5 Beams and girders spaced apart by at leas feet (1524 mm).
- Showers and tubs with a showerhead must have a ceiling height of at least 6 feet 8 inches (2032 mm) over an area of at least 30 inches by 30 inches (762 mm by 762 mm).

• Shower and Tub Clearance

Beams, girders, ducts, and other obstructions in habitable basement spaces may project to within 6 feet 4 inches (1931 mm) of the finished floor.

Beams and girders spaced apart by at least 36 inches (914 mm) may project up to 78 inches (1981 mm) from the finished floor.

PLUMBING FIXTURE MINIMUM CLEARANCE		
Fixture	Minimum Clearance	
Water Closet	15 inches (381 mm) from center to any side wall, partition or vanity, 30 inches (762 mm) center- to-center between adjacent fixtures, 21 inches (533 mm) in front	
Lavatory		
Bidet		
	'International Plumbing Code (IPC), 2018 Edition	



















SITE ADDRESSES

- Address Identification Requirement
 Additional Locations Buildings shall be provided with approved address identification that is legible and visible from the street or road fronting the property.
- Address Characters Addressientification characters shall be Arabic numbers or alphabetical letters, not less than 4 inches in height, with a stroke width of not less than 0.5 inch. If the building address cannot be viewed from the public way, a monument, pole, or other sign or means shall be used to identify the structure.
- Contrast and Visibility Address Maintenance Address identification characters shall contrast with their background and be placed in a position that is visible from the street or road.
 Address identification shall be maintained to ensure it remains legible and visible. • Contrast and Visibility
- Where required by the fire code official, address identification shall be provided in additional approved locations to facilitate emergency response. Private Road Access

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- R318.1 TERMITE PROTECTION
- COMPLIANCE FROM LICENSED PEST CONTROL COMPANY TO VERIFY COMPLIANCE WITH RULES AND LAWS ESTABLISHED BY DEPARTMENT OF AGRICULTURE
 NO PROVISIONS FOR OWNER-BUILDER

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Termite Protection

R318.1 TERMITE PROTECTION INITIAL TREATMENT

- DONE AFTER EXCAVATION, BACKFILLING, AND COMPACTING COMPLETE
- ENTIRE AREA UNDER BUILDING AND WITHIN 1'

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Termite Protection

R318.1 TERMITE PROTECTION INITIAL TREATMENT

- RETREAT IF AREA IS DISTURBED OR RAINED ON
- PROTECT FROM RAIN WITH 6 MIL VAPOR RETARDER
- CONCRETE OVERPOUR MUST BE REMOVED

- R318.1 TERMITE PROTECTION BAIT SYSTEMS
- R318.1.1-R318.1.6 DO NOT APPLY
- SUBMIT SIGNED CONTRACT TO ASSURE INSTALLATION, MAINTENANCE, AND MONITORING
- PROVIDE NOTICE THAT BAITING SYSTEM IS TO BE
 USED PRIOR TO POURING SLAB

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Termite Protection

R318.1 TERMITE WOOD TREATMENT SYSTEM

- R318.1.1-R318.1.6 DO NOT APPLY
- COMPLETED PRIOR TO FINAL BUILDING APPROVAL

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Termite Protection

R318.2 PENETRATION SLEEVES

- NOT OF CELLULOSE CONTAINING MATERIALS
- MAX THICKNESS OF 0.01"
- SEALED WITHIN THE SLAB TO ELIMINATE ANNULAR
 SPACE
- TREATMENT NOT BE APPLIED INSIDE SLEEVE

R318.3 CLEANING

- CELLS AND CAVITIES IN MASONRY UNITS SHALL BE FREE OF WOOD OR OTHER CELLULOSE MATERIAL
- SOIL MAY BE USED TO FILL VOIDS IN MASONRY IF
 PLACED PRIOR TO TREATMENT.

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Termite Protection

R318.4 CONCRETE BEARING LEDGE • COLD JOINTS NOT PERMITTED

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Termite Protection

R318.5 PROTECTION AGAINST DECAY AND TERMITES

- CONDENSATE LINES, IRRIGATION HEADS, AND DOWNSPOUTS SHALL DISCHARGE FROM BUILDING AT LEAST ONE FOOT FROM STRUCTURE.
- GUTTERS ARE REQUIRED IF OVERHANG <6"

R318.6 AREA UNDER BUILDING AND WITHIN 1' SHALL BE CLEAN

- NO VEGETATION OR STUMPS NO DEAD ROOTS
- NO TRASH, CARDBOARD, OR FOREIGN MATERIAL
- MUST BE COMPACTED •

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Termite Protection

R318.6 AREA UNDER BUILDING AND WITHIN 1' SHALL BE CLEAN

• FORMS AND OTHER WOOD SHALL BE REMOVED

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Termite Protection

R318.7 INSPECTION FOR TERMITES

- CLEARANCE BETWEEN GRADE AND WALL COVERINGS MUST BE AT LEAST 6 INCHES (4 INCHES FOR PATIO). •
- PAINT, CEMENTITIOUS FINISH, MASONRY VENEERS DO NOT APPLY

R318.8 FOAM PLASTIC PROTECTION IN VERY HEAVY AREAS AS IDENTIFIED BY R301.2(6)

• Minimum dBA Reduction

- FOAM PLASTICS CAN NOT BE INSTALLED BELOW GRADE OR WITHIN 6 INCHES OF GRADE ON COMBUSTIBLE OR NOT TREATED
- ACCEPTABLE ON INTERIOR OF BASEMENT WALLS .

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AIRPORT NOISE

• Airport Noise Study Guidelines The Aviation Safety and Noise Abatement Act of 1979 14 The new structure or addition to an existing structure CFR Part 150 (US Department of Transportation) must achieve an average minimum dBA reduction equal to including revisions through January 2005 are adopted as guideline for establishing airport noise control. government's ordinance.

• Noise Attenuation Requirements Noise Attenuation Requirements When required by a local government by local ordinance, the applicant unst provide either: 1) A testing certificate from an accredited noise testing lab, 2) An engineering judgment signed and sealed by a licensed engineerin the State of Florida, or 3) Plans using the standards contained in the 'Guidelines for Sound Insulation of Residences Exposed to Aircraft Operations' prepared for the Department of the Navy.

