

AMENDMENTS TO CHAPTER ONE OF THE FLORIDA BUILDING CODE 5th Edition



CITY OF GREENACRES

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**CHAPTER 1
ADMINISTRATION**

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SECTION 101 GENERAL

101.1 Title. These regulations shall be known as the Florida Building Code hereinafter referred to as “this code.”

101.2 Scope. The provisions of this code shall apply to the construction, alteration, movement, enlargement, replacement, repair, equipment, use and occupancy, location, maintenance, removal and demolition of every building or structure or any appurtenances connected or attached to such buildings or structures.

Exceptions:

1. Detached one and two-family dwellings and multiple single-family dwellings (townhouses) not more than three stories above grade plane in height with a separate means of egress and their accessory structures shall comply with the *Florida Building Code, Residential*.
2. Existing buildings undergoing repair, alterations or additions or change of occupancy shall comply with Chapter 34 of this code.

101.2.1 Appendices. Provisions in the appendices shall not apply unless specifically adopted.

101.2.2 Florida Building Code, Residential. Construction standards or practices which are not covered by Florida Building Code, Residential volume shall be in accordance with the provisions of Florida Building Code, Building.

101.3 Intent. The purpose of this code is to establish the minimum requirements to safeguard the public health, safety and general welfare through structural strength, means of egress facilities, stability, sanitation, adequate light and ventilation, energy conservation, and safety to life and property from fire and other hazards attributed to the built environment and to provide safety to fire fighters, code officials, and emergency responders during emergency operations.

101.3.1 Quality control. Quality control of materials and workmanship is not within the purview of this code except as it relates to the purposes stated herein.

101.3.2 Warranty and liability. The permitting and inspection of any building, system, or plan by this jurisdiction, under the requirements of this code, shall not be construed in any court as a warranty of the physical condition of such building, system, or plan, or their adequacy. The jurisdiction shall not be liable in tort for damages or hazardous or illegal condition or inadequacy in such building, system, or plan, nor for any failure of any component of such, which may occur subsequent to such inspection or permitting. Further, no Building Division employee shall be liable in tort for damage from such conditions, in accordance with Section 768.28(9)(a) *Florida Statutes*, as may be amended or replaced.

101.4 Referenced codes. The other codes listed in Sections 101.4.1 through 101.4.10 and referenced elsewhere in this code shall be considered part of the requirements of this code to the prescribed extent of each such reference.

101.4.1 Gas. The provisions of the *Florida Building Code, Fuel Gas* shall apply to the installation of gas piping from the point of delivery, gas appliances and related accessories as covered in this code. These requirements apply to gas piping systems extending from the point of delivery to the inlet connections of appliances and the installation and operation of residential and commercial gas appliances and related accessories.

101.4.2 Mechanical. The provisions of the *Florida Building Code, Mechanical* shall apply to the installation, alterations, repairs and replacement of mechanical systems, including equipment, appliances, fixtures, fittings and/or appurtenances, including ventilating, heating, cooling, air-conditioning and refrigeration systems, incinerators and other energy-related systems.

101.4.3 Plumbing. The provisions of the *Florida Building Code, Plumbing* shall apply to the installation, alteration, repair and replacement of plumbing systems, including equipment, appliances, fixtures, fittings and appurtenances, and where connected to a water or sewage system and all aspects of a medical gas system.

101.4.4 Property maintenance. (Reserved).

101.4.5 Fire prevention. For provisions related to fire prevention, refer to the Florida Fire Prevention Code. *The Florida Fire Prevention Code* shall apply to matters affecting or relating to structures, processes and premises from the hazard of fire and explosion arising from the storage, handling or use of structures, materials or devices; from conditions hazardous to life, property or public welfare in the occupancy of structures or premises; and from the construction, extension, repair, alteration or removal of fire suppression and alarm systems or fire hazards in the structure or on the premises from occupancy or operation.

101.4.6 Energy. The provisions of the *Florida Building Code, Energy Conservation* shall apply to all matters governing the design and construction of buildings for energy efficiency.

101.4.7 Accessibility. For provisions related to accessibility, refer to *Florida Building Code, Accessibility*.

101.4.8 Manufactured buildings. For additional administrative and special code requirements, see Section 458, Florida Building Code, Building, and Rule 61-41 Florida Administrative Code.

101.4.9 Electrical. The provisions of Chapter 27 of the Florida Building Code, Building shall apply to the installation of electrical systems, including alterations, repairs, replacement, equipment, appliances, fixtures, fittings and appurtenances thereto.

101.4.10 Flood damage prevention. The City of Greenacres Municipal Code, Chapter 4 entitled Buildings and Building Regulations, Article I, Sec. 4-3 Flood Damage Prevention and Floodplain Management Regulations shall be considered part of the requirements of this code relative to flood control. Conflicting requirements between the Florida Building Code and Sec. 4-3 of the Municipal Code shall be resolved in favor of the requirement that offers the greatest degree of flood damage prevention or

alternatives that would provide an equivalent degree of flood damage prevention and an equivalent method of construction.

SECTION 102 APPLICABILITY

102.1 General. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall be applicable. Where, in any specific case, different sections of this code specify different materials, methods of construction or other requirements, the most restrictive shall govern.

102.1.1 The Florida Building Code does not apply to, and no building code enforcement action shall be brought with respect to, zoning requirements, land use requirements and owner specifications or programmatic requirements which do not pertain to and govern the design, construction, erection, alteration, modification, repair or demolition of public or private buildings, structures or facilities or to programmatic requirements that do not pertain to enforcement of the Florida Building Code. Additionally, a local code enforcement agency may not administer or enforce the Florida Building Code, Building to prevent the siting of any publicly owned facility, including, but not limited to, correctional facilities, juvenile justice facilities, or state universities, community colleges, or public education facilities, as provided by law.

102.2 Building. The provisions of the Florida Building Code shall apply to the construction, erection, alteration, modification, repair, equipment, use and occupancy, location, maintenance, removal and demolition of every public and private building, structure or facility or floating residential structure, or any appurtenances connected or attached to such buildings, structures or facilities. Additions, alterations, repairs and changes of use or occupancy group in all buildings and structures shall comply with the provisions provided in Chapter 34 of this code and the Florida Building Code, Existing Building. The following buildings, structures and facilities, except for those located in a Special Flood Hazard Area, are exempt from the Florida Building Code as provided by law, and any further exemptions shall be as determined by the legislature and provided by law:

- (a) Building and structures specifically regulated and preempted by the federal government.
- (b) Railroads and ancillary facilities associated with the railroad.
- (c) Nonresidential farm buildings on farms.
- (d) Temporary buildings or sheds used exclusively for construction purposes.
- (e) Mobile or modular structures used as temporary offices, except that the provisions of Part V (Sections 553.501-553.513, *Florida Statutes*) relating to accessibility by persons with disabilities. Permits shall be required for structural support and tie down, electrical supply, and all utility connections shall apply to such mobile or modular structures, as required by this jurisdiction.
- (f) Those structures or facilities of electric utilities, as defined in Section 366.02, *Florida Statutes*, as may be amended or replaced, which are directly involved in the generation, transmission or distribution of electricity.
- (g) Temporary sets, assemblies or structures used in commercial motion picture or television production, or any sound-recording equipment used in such production, on or off the premises.

(h) Chickees constructed by the Miccosukee Tribe of Indians of Florida or the Seminole Tribe of Florida. As used in this paragraph, the term “chickee” means an open-sided wooden hut that has a thatched roof of palm or palmetto or other traditional materials, and that does not incorporate any electrical, plumbing, or other non-wood features.

(i) Family mausoleums not exceeding 250 (23m²)_square feet in area which are prefabricated and assembled on site or preassembled and delivered on site and have walls, roofs, and a floor constructed of granite, marble, or reinforced concrete.

(j) Temporary housing provided by the Department of Corrections to any prisoner in the state correctional system

(k) A building or structure having less than 1,000 square feet (93 m²) which is constructed and owned by a natural person for hunting and which is repaired or reconstructed to the same dimension and condition as existed on January 1, 2011, if the building or structure:

1. Is not rented or leased or used as a principal residence;
2. Is not located within the 100-year floodplain according to the Federal Emergency Management Agency’s current Flood Insurance Rate Map; and
3. Is not connected to an off-site electric power or water supply.

(l) Service providers of water, sewer, storm, gas, cable, telephone, or other similar utility systems are exempt to the point of service connection for the building or structure.

102.2.1 In addition to the requirements of Section 553.79 and 553.80 *Florida Statutes*, facilities subject to the provisions of Chapter 395 *Florida Statutes*(Hospital Licensing and Regulation),and Parts II and VIII of Chapter 400, *Florida Statutes* (Nursing Homes), shall have facility plans reviewed and construction surveyed by the state agency authorized to do so under the requirements of Chapter 395 *Florida Statutes*, and Parts II and VIII of Chapter 400, *Florida Statutes*, and the certification requirements of the federal government.

102.2.2 Residential buildings or structures moved into or within a county or municipality shall not be required to be brought into compliance with the state minimum building code in force at the time the building or structure is moved, provided:

1. The building or structure is structurally sound and in occupiable condition for its intended use;
2. The occupancy use classification for the building or structure is not changed as a result of the move;
3. The building is not substantially remodeled;
4. Current fire code requirements for ingress and egress are met;
5. Electrical, gas and plumbing systems meet the codes in force at the time of original construction and are operational and safe for reconnection; and
6. Foundation plans are sealed by a professional engineer or architect licensed to practice in this state, if required by the applicable *Florida Statutes* for all buildings or structures of the same residential occupancy class.

102.2.3 The Building Official shall apply the same standard to a moved residential building or structure that applies to the remodeling of any comparable residential building or structure to determine whether the moved structure is substantially remodeled. The cost of the foundation on which the moved building or structure is

placed shall not be included in the cost of remodeling for purposes of determining whether a moved building or structure has been substantially remodeled.

102.2.4 This section does not apply to the jurisdiction and authority of the Department of Agriculture and Consumer Services to inspect amusement rides or the Department of Financial Services to inspect state-owned buildings and boilers.

102.2.5 Each enforcement district shall be governed by a board, the composition of which shall be determined by the affected localities.

- 1) At its own option, each enforcement district or local enforcement agency may adopt rules granting to the owner of a single-family residence one or more exemptions from the Florida Building Code relating to:
 - (a) Additions, alterations, or repairs performed by the property owner upon his or her own, provided any addition or alteration shall not exceed 1,000 square feet (93 m²) or the square footage of the of the primary structure, whichever is less.
 - (b) Addition, alteration, or repairs by a non-owner within a certain cost limitation set by rule, provided the total cost shall not exceed \$5,000 within any 12 month period.
 - (c) Building inspection fees.
- 2) However, the exemptions under section 102.2.5(1) of this code do not apply to single-family residences that are located in mapped flood hazard areas, as defined in the code, unless the enforcement district or local enforcement agency has determined that the work, which is otherwise exempt, does not constitute a substantial improvement, including the repair of substantial damage, of such single-family residences.
- 3) Each code exemption, as defined in section 102.2.5 (1)(a)(b) and (c) of this code, shall be certified to the local board 10 days prior to implementation and shall only be effective in the territorial jurisdiction of the enforcement district or local enforcement agency implementing it.
- 4) However, each enforcement district or local enforcement agency may establish an alternative permitting program for replacing nonstructural components of building systems in a residential dwelling unit. A licensed contractor performing such work for the resident shall also be exempt from individual permits and inspections if either the owner or the licensed contractor obtains a valid Annual Permit per Section 105.1.1 of this Code and all such work is reported as required in Section 105.1.2 of this Code for compliance evaluation. No added capacity, system expansion or new building work of any type shall be excluded from individual permit and inspection by this provision.

102.2.6 This Code does not apply to swings and other playground equipment accessory to a one- or two-family dwelling.

Exception: Electrical service to such playground equipment shall be in accordance with Chapter 27 of this code.

102.3 Application of references. References to chapter or section numbers, or to provisions not specifically identified by number, shall be construed to refer to such chapter, section or provision of this code.

102.4 Referenced codes and standards. The codes and standards referenced in this code shall be considered part of the requirements of this code to the prescribed extent of each such reference and as further regulated in Sections 102.4.1 and 102.4.2.

102.4.1 Conflicts. Where conflicts occur between provisions of this code and referenced codes and standards, the provisions of this code shall apply.

102.4.2 Provisions in referenced codes and standards. Where the extent of the reference to a referenced code or standard includes subject matter that is within the scope of this code or the Florida Codes listed in Section 101.4, the provisions of this code or the Florida Codes listed in Section 101.4, as applicable, shall take precedence over the provisions in the referenced code or standard Added in 2015 code.

102.5 Partial invalidity In the event that any part or provision of this code is held to be illegal or void, this shall not have the effect of making void or illegal any of the other parts or provisions.

102.6 Existing structures. The legal occupancy of any structure existing on the date of adoption of this code shall be permitted to continue without change, except as is specifically covered in this code, the most recently adopted edition of the City of Greenacres Property Maintenance Code, the Codes referenced in Section 101.4 of this code, the City of Greenacres Municipal Code, the Florida Fire Prevention Code as amended by the City of Greenacres or as is deemed necessary by the Building Official for the general safety and welfare of the occupants and the public.

102.7 Relocation of manufactured buildings.

1. Relocation of an existing manufactured building does not constitute an alteration.
2. A relocated building shall comply with wind speed requirements of the new location, using the appropriate wind speed map. If the existing building was manufactured in compliance with the *Standard Building Code* (prior to March 1, 2002), the wind speed map of the *Standard Building Code* shall be applicable. If the existing building was manufactured in compliance with the *Florida Building Code* (after March 1, 2002), the wind speed map of the *Florida Building Code* shall be applicable.
3. A relocated building shall comply with the flood hazard area requirements of the new location, if applicable.

102.8 Existing mechanical equipment. An agency or local government may not require that existing mechanical equipment located on or above the surface of a roof be installed in compliance with the requirements of the Florida Building Code until the equipment is being replaced or moved during reroofing and is not in compliance with the provisions of the Florida Building Code relating to roof-mounted mechanical units

SECTION 103 BUILDING DEPARTMENT

103.1 Establishment. There is hereby established a division to be called the Building Department, and the person in charge shall be known as the Building Official. All code officials employed by the division shall be certified in accordance with Chapter 468 *Florida Statutes*.

103.2 Employee qualifications.

103.2.1 Building Official's qualifications. The Building Official shall have at least ten years combined experience as an architect, engineer, construction code official, contractor or construction superintendent with at least five years of such experience in supervisory positions. The Building Official shall be certified as a building official or building code administrator by the State of Florida.

103.2.2 Chief inspector qualifications. The Building Official, with the approval of the governing authority, may designate chief inspectors to administer the provisions of the Building, Electrical, Gas, Mechanical, Plumbing, Residential, and Existing Building Codes. Each chief inspector shall have at least ten years combined experience as an architect, engineer, construction code official, contractor or construction superintendent with at least five years of such experience in supervisory positions. The chief inspector shall be certified for the appropriate trade by the State of Florida.

103.2.3 Plans examiner and inspector qualifications. The Building Official, with the approval of the applicable governing authority, may appoint or hire such number of officers, plans examiners, inspectors, assistants and other employees as shall be authorized from time to time. A person shall not be appointed or hired as a plans examiner or inspector of construction who has not had at least five years experience as a building inspector, engineer, architect, or as a superintendent, foreman, or competent mechanic in charge of construction, in the corresponding trade. The plans examiners and inspectors shall be certified, through the State of Florida for the appropriate trade.

103.2.4 Deputy Building Official qualifications. The Building Official may designate as a deputy an employee in the department who shall, during the absence or disability of the Building Official, exercise all the powers of the Building Official. The Deputy Building Official shall have the same qualifications listed in 103.2.1.

103.3 Restrictions on employees. An officer or employee connected with the division, except one whose only connection is as a member of the board established by this code, shall not be financially interested in the furnishing of labor, material, or appliances for the construction, alteration, or maintenance of a building, structure, service, system, or in the making of plans or of specifications thereof, unless he/she is the owner of such. This officer or employee shall not engage in any other work which is inconsistent with their duties or conflict with the interests of the division except as instructors.

SECTION 104
DUTIES AND POWERS OF THE
BUILDING OFFICIAL

104.1 General. The Building Official is hereby authorized and directed to enforce the provisions of this code. The Building Official shall have the authority to render interpretations of this code, and to adopt policies and procedures in order to clarify the application of its provisions. Such interpretations, policies and procedures shall be in compliance with the intent and purpose of this code. Such policies and procedures shall not have the effect of waiving requirements specifically provided for in this code.

104.2 Applications and permits. The Building Official shall receive applications, review construction documents and issue permits for the erection, and alteration, demolition and moving of buildings, structures, and service systems, inspect the premises for which such permits have been issued and enforce compliance with the provisions of this code.

104.3 Notices and orders. The Building Official shall issue all necessary notices or orders to ensure compliance with this code.

104.4 Inspections. The Building Official shall make all of the required inspections, or the Building Official shall have the authority to accept reports of inspection by *approved agencies* or individuals. Reports of such inspections shall be in writing and be certified by a responsible officer of such approved agency or by the responsible individual. The Building Official is authorized to engage such expert opinion as deemed necessary to report upon unusual technical issues that arise, subject to the approval of the appointing authority.

104.5 Identification. The Building Official shall carry proper identification, as issued by the jurisdiction, when inspecting structures or premises in the performance of his/her duties under this code.

104.6 Right of entry.

104.6.1 Where it is necessary to make an inspection to enforce any of the provisions of this code, or where the Building Official has reasonable cause to believe that there exists in any building or upon any premises any condition or code violation which makes such building, structure, or premises, unsafe, dangerous or hazardous, the Building Official is authorized to enter the building, structure or premises at all reasonable times to inspect or to perform any duty imposed by this code, provided that if such building, structure or premises are occupied, that credentials be presented to the occupant and entry requested. If such building, structure, or premises are unoccupied, the Building Official shall first make a reasonable effort to locate the owner or other persons having charge or control of the building, structure, or premises, and request entry. If entry is refused, the Building Official shall have recourse to every and all remedies provided by law to secure entry.

104.6.2 When the Building Official obtains a proper inspection warrant or other remedy provided by law to secure entry, no owner or occupant or any other persons having charge, care or control of any building, structure, or premises shall fail or neglect, after proper request is made as herein provided, to promptly permit entry therein by the Building Official for the purpose of inspection and examination pursuant to this code.

104.7 Division records. The Building Official shall keep official records of applications received, permits and certificates issued, fees collected, reports of inspections, and notices and orders issued. Such records shall be retained in the official records for the period required for retention of public records per FS 119.

104.8 Liability. The Building Official, member of the board of appeals or employee charged with the enforcement of this code, while acting for the jurisdiction in good faith and without malice in the discharge of its the duties required by this code or other pertinent law or ordinance, shall not thereby be rendered liable personally and is hereby relieved from personal liability for any damage accruing to persons or property as a result of any act or by reason of an act or omission in the discharge of official duties. Any suit instituted against an officer or employee or member because of an act performed by that officer or employee or member in the lawful discharge of duties and under the provisions of this code shall be defended by legal representative of the jurisdiction until the final termination of the proceedings. The Building Official or any subordinate shall not be liable for cost in any action, suit or proceeding that is instituted in pursuance of the provisions of this code.

104.9 Approved materials and equipment. Materials, equipment and devices approved by the Building Official shall be constructed and installed in accordance with such approval.

104.9.1 Used materials and equipment. The use of used, recycled, or reclaimed materials which meet the requirements of this code for new materials is permitted. Used equipment and devices shall not be reused unless approved by the Building Official.

104.10 Modifications. Wherever there are practical difficulties involved in carrying out the provisions of this code, the Building Official shall have the authority to grant modifications for individual cases, upon application of the owner or owner's representative, provided the Building Official shall first find that special individual reason makes the strict letter of this code impractical and the modification is in compliance with the intent and purpose of this code and that such modification does not lessen health, accessibility, life and fire safety, or structural requirements. The details of action granting modifications shall be recorded and entered in the files of the Building Department.

104.10.1 Flood hazard areas. The Building Official shall not grant modifications to any provision required in flood hazard areas as established by Section 1612.3 unless a determination has been made that:

- 1) A showing of good and sufficient cause that the unique characteristics of the size, configuration or topography of the site render the elevation standards of Section 1612 inappropriate.
- 2) A determination that failure to grant the variance would result in exceptional hardship by rendering the lot undevelopable.
- 3) A determination that the granting of a variance will not result in increased flood heights, additional threats to public safety, extraordinary public expense, cause fraud on or victimization of the public, or conflict with existing laws or ordinances.
- 4) A determination that the variance is the minimum necessary to afford relief, considering the flood hazard.
- 5) Submission to the applicant of written notice specifying the difference between

the design flood elevation and the elevation to which the building is to be built, stating that the cost of flood insurance will be commensurate with the increased risk resulting from the reduced floor elevation, and stating that construction below the design flood elevation increases risks to life and property.

104.11 Alternative materials, design and methods of construction and equipment. The provisions of this code are not intended to prevent the installation of any material or to prohibit any design or method of construction not specifically prescribed by this code, provided that any such alternative has been approved. An alternative material, design, or method of construction shall be approved where the Building Official finds that the proposed design is satisfactory and complies with the intent of the provisions of this code, and that the material, method or work offered is, for the purpose intended, at least the equivalent of that prescribed in this code in quality, strength, effectiveness, fire resistance, durability and safety.

104.11.1 Research reports. Supporting data, where necessary to assist in the approval of materials or assemblies not specifically provided for in this code, shall consist of valid research reports from approved sources.

104.11.2 Tests. Whenever there is insufficient evidence of compliance with the provisions of this code, or evidence that a material or method does not conform to the requirements of this code, or in order to substantiate claims for alternative materials or methods, the Building Official shall have the authority to require tests as evidence of compliance to be made at no expense to the jurisdiction. Test methods shall be as specified in this code or by other recognized test standards. In the absence of recognized and accepted test methods, the building official shall approve the testing procedures. Tests shall be performed by an approved agency. Reports of such tests shall be retained by the building official for the period required for retention of public records.

104.12 Requirements not covered by code. Any requirements necessary for the strength, stability or proper operation of an existing or proposed building, structure, electrical, gas, mechanical or plumbing system, or for the public safety, health and general welfare, not specifically covered by this or the other technical codes, shall be determined by the Building Official.

SECTION 105 PERMITS

105.1 Required. Any contractor, owner, or agent authorized in accordance with *Florida Statute* Chapter 489 who intends to construct, enlarge, alter, repair, move, demolish, or change the occupancy of a building or structure, or to erect, install, enlarge, alter, repair, remove, convert or replace any impact-resistant coverings, electrical, gas, mechanical, plumbing, fire protection system, or accessible or flood resistant site element, the installation of which is regulated by this code, or to cause any such work to be done, shall first make application to the Building Official and obtain the required permit.

105.1.1 Annual facility permit. In lieu of an individual permit for each alteration to an existing electrical, gas, mechanical, plumbing or interior nonstructural office system(s), the building official is authorized to issue an annual permit for any

occupancy to facilitate routine or emergency service, repair, refurbishing, minor renovations of service systems or manufacturing equipment installations/relocations. The Building Official shall be notified of major changes and shall retain the right to make inspections at the facility sites as deemed necessary. An annual facility permit shall be assessed with an annual fee and shall be valid for one year from date of issuance. A separate permit shall be obtained for each facility and for each construction trade, as applicable. The permit application shall contain a general description of the parameters of work intended to be performed during the year.

105.1.2 Annual permit records. The person to whom an annual permit is issued shall keep a detailed record of alterations made under such annual permit. The Building Official shall have access to such records at all times or such records shall be filed with the building official as designated. The Building Official is authorized to revoke such permit, if code violations are found to exist.

105.1.3 Food permit. As per Section 500.12, *Florida Statutes*, a food permit from the Department of Agriculture and Consumer Services is required of any person who operates a food establishment or retail store.

105.1.4 Public swimming pool. The local enforcing agency may not issue a building permit to construct, develop, or modify a public swimming pool without proof of application, whether complete or incomplete, for an operating permit pursuant to Section 514.031, *Florida Statutes*. A certificate of completion or occupancy may not be issued until such operating permit is issued. The local enforcing agency shall conduct their review of the building permit application upon filing and in accordance with Chapter 553, *Florida Statutes*. The local enforcing agency may confer with the Department of Health, if necessary, but may not delay the building permit application review while awaiting comment from the Department of Health

105.2 Work exempt from permit. Exemptions from 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, to include work in any special flood hazard area. Exemptions granted under this section do not relieve the owner or contractor from their duty to comply with applicable provisions of the Florida Building Code and requirements of the local Floodplain Ordinance. Permits shall not be required for the following:

Building:

1. Building permits are not required for replacement or repair work having a value of less than \$1,500.00, providing, however, that such work will not adversely affect the structural integrity, fire rating, exit access or egress requirements.
2. Painting, papering, tiling, carpeting, and similar finish work, with no electrical or plumbing work.
3. Cabinets and counter top replacement as long as they are replaced in the same configuration as the original. Any deviation may trigger required electrical improvements. Replacement of a range hood with a built in microwave will require a dedicated electrical circuit be installed with a permit.
4. Temporary motion picture, television and theater sets and scenery.

5. Swings and other playground equipment accessory to detached one- and two-family dwellings, but they may be subject to Zoning permits.
6. Retractable awnings supported by an exterior wall that do not require additional support in Groups R-3 and U occupancies, but they may be subject to Zoning permits.
7. Non fixed and movable fixtures, cases, racks, and counters not over 5 feet 9 inches (1753 mm) in height.

Electrical:

1. Repairs and maintenance: Repair or replacement of like common household electrical fixtures, switches, and outlets on the load side of the electrical source. Minor repair work, including the replacement of lamps or the connection of *approved* portable electrical equipment to approved permanently installed receptacles.
2. Radio and television transmitting stations: The provisions of this code shall not apply to electrical equipment used for radio and television transmissions, but do apply to equipment and wiring for a power supply and the installations of towers and antennas.
3. Temporary testing systems: A permit shall not be required for the installation of any temporary system required for the testing or servicing of electrical equipment or apparatus.

Gas:

1. Portable heating appliance.
2. Replacement of any minor part that does not alter approval of equipment or make such equipment unsafe.

Mechanical:

1. Portable heating appliance.
2. Portable ventilation equipment.
3. Portable cooling unit.
4. Steam, hot or chilled water piping within any heating or cooling equipment regulated by this code.
5. Replacement of any part which does not alter its approval or make it unsafe.
6. Portable evaporative cooler.
7. Self-contained refrigeration system containing 10 pounds (4.54 kg) or less of refrigerant and actuated by motors of 1 horsepower (746 W) or less.
8. The installation, replacement, removal or metering of any load management control device.

Plumbing:

1. The stopping of leaks in drains, water, soil, waste or vent pipe provided, however, that if any concealed trap, drain pipe, water, soil, waste or vent pipe becomes defective and it becomes necessary to remove and replace the same with new material, such work shall be considered as new work and a permit shall be obtained and inspection made as provided in this code.

2. The clearing of stoppages or the repairing of leaks in pipes, valves or fixtures, and the removal and reinstallation of water closets, provided such repairs do not involve or require the replacement or rearrangement of valves, pipes or fixtures.
3. The replacement of common household plumbing fixtures to existing supply lines and outlets. This does not include water heaters, bathtubs or shower stalls.

105.2.1 Emergency repairs. Where equipment replacements and repairs must be performed in an emergency situation, the permit application shall be submitted within the next working business day to the Building Official. Notification shall be given to the Building Official, including the work address, nature of emergency, and scope of work immediately, or by the next business day.

105.2.2 Minor repairs. Ordinary minor repairs or installation of replacement parts may be made with the approval of the Building Official, without a permit, provided the repairs do not include the cutting away of any wall, partition or portion thereof, the removal or cutting of any structural beam or load-bearing support, or the removal or change of any required means of egress, or rearrangement of parts of a structure affecting the egress requirements; nor shall ordinary minor repairs include addition to, alteration of, replacement or relocation of any standpipe, water supply, sewer, drainage, drain leader, gas, soil, waste, vent or similar piping, electric wiring systems or mechanical equipment or other work affecting public health or general safety, and such repairs shall not violate any of the provisions of the technical codes.

105.2.3 Public service agencies. A permit shall not be required for the installation, alteration or repair of generation, transmission, distribution or metering or other related equipment that is under the ownership and control of public service agencies by established right.

105.3 Application for permit. To obtain a permit, the applicant shall first file an application therefore in writing on a form furnished by the Building Department for that purpose. Permit application forms shall be in the format prescribed by a local administrative board, if applicable, and must comply with the requirements of Section 713.135(5) and (6), *Florida Statutes*. Each application shall be inscribed with the date of application, and the code in effect as of that date. For a building permit for which an application is submitted prior to the effective date of the *Florida Building Code*, the state minimum building code in effect in the permitting jurisdiction on the date of the application governs the permitted work for the life of the permit and any extension granted to the permit.

105.3.1 Action on application. The Building Official shall examine or cause to be examined applications for permits and amendments thereto within a reasonable time after filing. If the application or the construction documents do not conform to the requirements of pertinent laws, the Building Official shall reject such application in writing, stating the reasons therefore. If the Building Official is satisfied that the proposed work conforms to the requirements of this code and laws and ordinances applicable thereto, the Building Official shall issue a permit therefore as soon as practicable. When authorized through contractual agreement with a school board, in acting on applications for permits, the Building Official shall give first priority to any applications for the construction of, or addition or renovation to, any school or educational facility.

105.3.1.1 If a state university, Florida college or public school district elects to use a local government's code enforcement offices, fees charged by counties and municipalities for enforcement of the Florida Building Code on buildings, structures, and facilities of state universities, state colleges and public school districts shall not be more than the actual labor and administrative costs incurred for plans review and inspections to ensure compliance with the code.

105.3.1.2 No permit may be issued for any building construction, erection, alteration, modification, repair or addition unless the applicant for such permit provides to the enforcing agency which issues the permit all of the following documents which apply to the construction for which the permit is to be issued and which shall be prepared by or under the direction of an engineer registered under Chapter 471, *Florida Statutes*:

1. Plumbing documents for any new building or addition which requires a plumbing system with more than 250 fixture units or which costs more than \$125,000.
2. Fire sprinkler documents for any new building or addition which includes a fire sprinkler system which contains 50 or more sprinkler heads. Personnel as authorized by chapter 633 Florida Statutes, may design a fire sprinkler system of 49 or fewer heads and may design the alteration of an existing fire sprinkler system if the alteration consists of the relocation, addition or deletion of not more than 49 heads, notwithstanding the size of the existing fire sprinkler system.
3. Heating, ventilation, and air-conditioning documents for any new building or addition which requires more than a 15-ton-per-system capacity which is designed to accommodate 100 or more persons or for which the system costs more than \$125,000. This paragraph does not include any document for the replacement or repair of an existing system in which the work does not require altering a structural part of the building or for work on a residential one, two, three or four-family structure. An air-conditioning system may be designed by an installing air-conditioning contractor certified under Chapter 489, Florida Statutes, to serve any building or addition which is designed to accommodate fewer than 100 persons and requires an air-conditioning system with a value of \$125,000 or less; and when a 15-ton-per system or less is designed for a singular space of a building and each 15-ton system or less has an independent duct system. Systems not complying with the above require design documents that are to be sealed by a professional engineer.

Example 1: When a space has two 10-ton systems with each having an independent duct system, the contractor may design these two systems since each unit (system) is less than 15 tons.

Example 2: Consider a small single-story office building which consists of six individual offices where each office has a single three-ton package air conditioning heat pump. The six heat pumps are connected to a single water cooling tower. The cost of the entire heating, ventilation and air-conditioning work is \$47,000 and the office building accommodates fewer than 100 persons. Because the six mechanical units are connected to a common water tower this is considered to be an 18-ton system.

NOTE: It was further clarified by the Commission that the limiting criteria of 100 persons and \$125,000 apply to the building occupancy load and the cost for the total air-conditioning system of the building.

4. Any specialized mechanical, electrical, or plumbing document for any new building or addition which includes a medical gas, oxygen, steam, vacuum, toxic air filtration, halon, or fire detection and alarm system which costs more than \$5,000.
5. Electrical documents. See Florida Statutes, Section 471.003(2)(h) Any electrical or plumbing or air-conditioning and refrigeration system meeting the following thresholds are required to be designed by a Florida Registered Engineer. The system, Requires an electrical system with a value of over \$125,000; and Requires an aggregate service capacity of over 600 amperes (240 volts) on a residential electrical system or over 800 amperes (240 volts) on a commercial or industrial electrical system;

NOTE: It was further clarified by the Commission that the limiting factor of 240 volt or over is required to be designed by an Engineer.

Documents requiring an engineer seal by this part shall not be valid unless a professional engineer who possesses a valid certificate of registration has signed, dated, and stamped such document as provided in Section 471.025, Florida Statutes.

6. All public swimming pools and public bathing places defined by and regulated under Chapter 514, Florida Statutes

105.3.2 Time limitation of application. An application for a permit for any proposed work shall be deemed to have been abandoned becoming null and void 6 months after the date of filing, unless such application has been pursued in good faith or permit has been issued; except that the Building Official is authorized to grant one or more extensions of time for additional periods not exceeding 3 months each. The extension shall be requested in writing and justifiable cause demonstrated.

105.3.3 An enforcing authority may not issue a building permit for any building construction, erection, alteration, modification, repair or addition unless the permit either includes on its face or there is attached to the permit the following statement: "NOTICE: In addition to the requirements of this permit, there may be additional restrictions applicable to this property that may be found in the public records of this county such as the requirement for Home or Property Owners Association approval, and there may be additional permits required from other governmental entities such as water management districts, state agencies or federal agencies."

105.3.4 A building permit for a single-family residential dwelling must be issued within 30 working days of application therefore unless unusual circumstances require a longer time for processing the application or unless the permit application fails to satisfy the Florida Building Code or the enforcing agency's laws or ordinances.

105.3.5 Identification of minimum premium policy. Except as otherwise provided in Chapter 440, *Florida Statutes*, Workers' Compensation, every employer shall, as a condition to receiving a building permit, show proof that it has secured compensation for its employees as provided in Section 440.10 and 440.38, *Florida Statutes*.

105.3.6 Asbestos removal. Owner builders are exempt for moving, removal or disposal of asbestos-containing materials on a residential building where the owner occupies the building, the building is not for sale or lease, and the work is performed according to the owner-builder limitations provided by law. To qualify for exemption under this paragraph, an owner must personally appear and sign the building permit application. The permitting agency shall provide the person with a disclosure statement in substantially the following form:

Disclosure statement: State law requires asbestos abatement to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own asbestos abatement contractor even though you do not have a license. You must supervise the construction yourself. You may move, remove or dispose of asbestos-containing materials on a residential building where you occupy the building and the building is not for sale or lease, or the building is a farm outbuilding on your property. If you sell or lease such building within 1 year after the asbestos abatement is complete, the law will presume that you intended to sell or lease the property at the time the work was done, which is a violation of this exemption. You may not hire an unlicensed person as your contractor. Your work must be done according to all local, state and federal laws and regulations which apply to asbestos abatement projects. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances.

105.3.7 Applicable code for manufactured buildings. Manufacturers should be permitted to complete all buildings designed and approved prior to the effective date of a new code edition, provided a clear signed contract is in place. The contract shall provide specific data, mirroring that as required by an application for permit, specifically, without limitation, date of execution, building owner or dealer, and anticipated date of completion. However, the construction activity must commence within 6 months of the contract's execution. The contract is subject to verification by the Department of Community Affairs.

105.3.8 Public right of way. A permit shall not be given by the Building Official for the construction, alteration, or relocation of any building impacting any street, alley or public lane, unless the applicant has received a right of way permit from the authority having jurisdiction over the right of way.

105.4 Conditions of the permit. The issuance or granting of a permit 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 federal, state and local laws, ordinances, codes and regulations. Permits presuming to give authority to violate or cancel the provisions of this code or other federal, state and local laws, ordinances, codes and regulations shall not be valid. The issuance of a permit based on construction documents and other data shall not prevent the building official from requiring the correction of errors in the construction documents and other data. The Building Official is also authorized to prevent occupancy or use of a

structure where in violation of this code or of any other federal, state and local laws, ordinances, codes and regulations.

105.4.1 Permit intent. A permit issued shall be construed to be a license to proceed with the work and not as authority to violate, cancel, alter or set aside any of the provisions of the technical codes, nor shall issuance of a permit prevent the Building Official from thereafter requiring a correction of errors in plans, construction or violations of this code. Every permit issued shall become invalid unless the work authorized by such permit is commenced within 6 months after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 6 months after the time the work is commenced.

105.4.1.1 If work has commenced and the permit is revoked, becomes null and void or expires because of lack of progress or abandonment, a new permit, or revalidation of the original permit, covering the proposed construction shall be obtained before proceeding with the work.

105.4.1.2 If a new permit, or revalidation of the original permit, is not obtained within 6 months from the date the initial permit became null and void, the Building Official is authorized to require that any work which has been commenced or completed be removed from the building site. Alternately, a new permit may be issued on application, providing the work in place and required to complete the structure meets all applicable regulations in effect at the time the initial permit became null and void and any regulations which may have become effective between the date of expiration and the date of issuance of the new permit.

105.4.1.3 Work shall be considered to be in active progress when the permit has received an approved inspection within 6 months. This provision shall not be applicable in case of civil commotion or strike or when the building work is halted due directly to judicial injunction, order or similar process, or due to action by an environmental or archeological agency having jurisdiction. The Building Official is authorized to grant, in writing, one or more extensions of time, for periods not more than 3 months each. The extension shall be requested in writing and justifiable cause demonstrated, prior to expiration.

105.4.1.4 The fee for renewal, reissuance, and extension of a permit shall be set forth by the administrative authority. There may be fees or requirements from other government agencies for permit extensions and renewals.

105.5 Expiration. Every permit issued shall become invalid unless the work on the site authorized by such permit is commenced within 6 months after its issuance, or if the work authorized on the site by such permit is suspended or abandoned for a period of 6 months after the time the work is commenced. The Building Official is authorized to grant, in writing, one or more extensions of time, for periods not more than 3 months each. The extension shall be requested in writing and justifiable cause demonstrated.

105.6 Denial or revocation of permits Whenever a permit required under this section is denied or revoked because the plan, or the construction, erection, alteration, modification, repair, or demolition of a building, is found by the local enforcing agency to be not in compliance with the Florida Building Code, the local enforcing agency shall identify the specific plan or project features that do not comply with the applicable codes, identify the specific code chapters

and sections upon which the finding is based, and provide this information to the permit applicant. If the local building code administrator or inspector finds that the plans are not in compliance with the Florida Building Code, the local building code administrator or inspector shall identify the specific plan features that do not comply with the applicable codes, identify the specific code chapters and sections upon which the finding is based, and provide this information to the local enforcing agency. The local enforcing agency shall provide this information to the permit applicant.

105.6.1 Misrepresentation of application. The Building Official may revoke a permit or approval, issued under the provisions of this code, in case there has been any false statement or misrepresentation as to the material fact in the application or plans on which the permit or approval was based.

105.6.2 Violation of code provisions. The Building Official may require correction or revoke the permit upon determination by the Building Official that the construction, erection, alteration, repair, moving, demolition, installation, or replacement of the building, structure, electrical, gas, mechanical or plumbing systems for which the permit was issued is in violation of, or not in conformity with, the provisions of this code.

105.7 Placement of permit. The building permit or copy shall be kept on the site of the work until the completion of the project.

105.8 Notice of commencement. In accordance with Section 713.135, *Florida Statutes*, when any person applies for a building permit, the authority issuing such permit shall print on the face of each permit card in no less than 14-point, capitalized, boldfaced type: "WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

105.9 Asbestos. The enforcing agency shall require each building permit for the demolition or renovation of an existing structure to contain an asbestos notification statement which indicates the owner's or operator's responsibility to comply with the provisions of Section 469.003, *Florida Statutes*, and to notify the Department of Environmental Protection of his or her intentions to remove asbestos, when applicable, in accordance with state and federal law. Refer to Section 105.3.6 "Asbestos Removal" for additional requirements.

105.10 Certificate of protective treatment for prevention of termites. A weather-resistant job-site posting board shall be provided to receive duplicate treatment certificates as each required protective treatment is completed, supplying one copy for the person the permit is issued to and another copy for the building permit files. The treatment certificate shall provide the product used, identity of the applicator, time and date of the treatment, site location, area treated, chemical used, percent concentration and number of gallons used, to establish a verifiable record of protective treatment. If the soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval. For a bait system, see Section 1816.1.7 of the Florida Building Code for contract document requirements.

105.11 Notice of termite protection. A permanent sign which identifies the termite treatment provider and need for reinspection and treatment contract renewal shall be provided. The sign shall be posted near the water heater or electric panel.

105.12 Work starting before permit issuance. Upon written request and approval of the Building Official, the scope of work delineated in the building permit application and plan may be started prior to the final approval and issuance of the permit, provided any work completed is entirely at risk of the permit applicant and the work does not proceed past the first required inspection. This provision is only for the Florida Building Code, all other Agency approvals necessary for construction must be secured prior to this provision being applied.

105.13 Phased permit approval. After submittal of the appropriate construction documents, the Building Official is authorized to issue a permit for the construction of foundations or any other part of a building or structure before the construction documents for the whole building or structure have been submitted. The holder of such permit for the foundation or other parts of a building or structure shall proceed at the holder's own risk with the building operation and without assurance that a permit for the entire structure will be granted. Corrections may be required to meet the requirements of the technical codes. This provision is only for the Florida Building Code, all other Agency approvals necessary for construction must be secured prior to this provision being applied.

105.14 Permit issued on basis of an affidavit. The Building Official may accept a sworn affidavit from a registered architect or engineer stating that the plans submitted conform to the technical codes. For buildings and structures, the affidavit shall state that the plans conform to the laws as to egress, type of construction and general arrangement and, if accompanied by drawings, show the structural design and that the plans and design conform to the requirements of the technical codes as to strength, stresses, strains, loads and stability. Whenever a permit is issued in reliance upon an affidavit or whenever the work to be covered by a permit involves installation under conditions which, in the opinion of the Building Official, are hazardous or complex, the Building Official shall require that the architect or engineer who signed the affidavit or prepared the drawings or computations shall inspect such work. The Building Official may without any examination or inspection, accept such affidavit, provided the architect or engineer who made such affidavit agrees to submit to the Building Official copies of inspection reports as inspections are performed. In addition, they shall certify conformity to the permit, *and* upon completion of the structure, electrical, gas, mechanical or plumbing systems make and file with the Building Official written affidavit that the work has been done in conformity to the reviewed plans and that the structure, electrical, gas, mechanical or plumbing system has been erected in accordance with the requirements of the technical codes. Where the Building Official relies upon such affidavit, the architect or engineer shall assume full responsibility for compliance with all provisions of the technical codes and other pertinent laws or ordinances. In the event such architect or engineer is not available, the owner shall employ in his stead a competent person or agency whose qualifications are reviewed by the Building Official. The Building Official shall ensure that any person conducting plans review is qualified as a plans examiner under Part XII of Chapter 468, *Florida Statutes*, and that any person conducting inspections is qualified as a building inspector under Part III of Chapter 468, *Florida Statutes*. Nothing aforesaid shall preclude plan review or inspections by the Building Official.

Exception: Permit issued on basis of an affidavit shall not extend to the flood load and flood resistance requirements of the Florida Building Code.

105.15 Opening protection. When any activity requiring a building permit that is applied for on or after July 1, 2008, and for which the estimated cost is \$50,000 or more for a site built single family detached residential structures that is located in the wind borne debris region as defined in this Code and that has an insured value of \$750,000 or more, or, if the site built single family detached residential structures is uninsured or for which documentation of insured value is not presented, has a just valuation for the structure for purposes of ad valorem taxation of \$750,000 or more; opening protections as required within this Code or Florida Building Code, Residential for new construction shall be provided.

Exception: Single family residential structures permitted subject to the Florida Building Code are not required to comply with this section.

105.16 Inspection of existing residential building not impacted by construction.

- (a) A local enforcing agency, and any local building code administrator, inspector, or other official or entity, may not require as a condition of issuance of a one- or two-family residential building permit the inspection of any portion of a building, structure, or real property that is not directly impacted by the construction, erection, alteration, modification, repair, or demolition of the building, structure, or real property for which the permit is sought.
- (b) This subsection does not apply to a building permit sought for:
 - 1. A substantial improvement as defined in Section 161.54, Florida Statutes or as defined in the Florida Building Code.
 - 2. A change of occupancy as defined in the Florida Building Code.
 - 3. A conversion from residential to nonresidential or mixed use pursuant to Section 553.507(2)(a), Florida Statutes or as defined in the Florida Building Code.
 - 4. A historic building as defined in the Florida Building Code.
- (c) This subsection does not prohibit a local enforcing agency, or any local building code administrator, inspector, or other official or entity, from:
 - 1. Citing any violation inadvertently observed in plain view during the ordinary course of an inspection conducted in accordance with the prohibition in paragraph (a).
 - 2. Inspecting a physically nonadjacent portion of a building, structure, or real property that is directly impacted by the construction, erection, alteration, modification, repair, or demolition of the building, structure, or real property for which the permit is sought in accordance with the prohibition in paragraph (a).
 - 3. Inspecting any portion of a building, structure, or real property for which the owner or other person having control of the building, structure, or real property has voluntarily consented to the inspection of that portion of the building, structure, or real property in accordance with the prohibition in paragraph (a).
 - 4. Inspecting any portion of a building, structure, or real property pursuant to an inspection warrant issued in accordance with Sections 933.20 through 933.30, Florida Statutes.

105.17 Streamlined low-voltage alarm system installation permitting.

- (1) As used in this section, the term:
 - (a) "Contractor" means a person who is qualified to engage in the business of electrical or alarm system contracting pursuant to a certificate or registration issued by the department under part II of chapter 489, *Florida Statutes*.
 - (b) "Low-voltage alarm system project" means a project related to the installation, maintenance, inspection, replacement, or service of a new or existing alarm system, as defined in Section 489.505, Florida Statutes, operating at low voltage, as defined in the National Electrical Code Standard 70, and ancillary components or equipment attached to such a system, including, but not limited to, home-automation equipment, thermostats, and video cameras.
- (2) Notwithstanding any provision of this Code, this section applies to low-voltage alarm system projects for which a permit is required by a local enforcement agency.
- (3) This section does not apply to the installation or replacement of a fire alarm if a plan review is required.
- (4) A local enforcement agency shall make uniform basic permit labels available for purchase by a contractor to be used for the installation or replacement of a new or existing alarm system at a cost as indicated in Section 553.793, *Florida Statutes*.
 - (a) A local enforcement agency may not require a contractor, as a condition of purchasing a label, to submit information other than identification information of the licensee and proof of registration or certification as a contractor.
 - (b) A label is valid for 1 year after the date of purchase and may only be used within the jurisdiction of the local enforcement agency that issued the label. A contractor may purchase labels in bulk for one or more unspecified current or future projects.
- (5) A contractor shall post an unused uniform basic permit label in a conspicuous place on the premises of the low-voltage alarm system project site before commencing work on the project.
- (6) A contractor is not required to notify the local enforcement agency before commencing work on a low-voltage alarm system project. However, a contractor must submit a Uniform Notice of a Low-Voltage Alarm System Project as provided under subsection (7) to the local enforcement agency within 14 days after completing the project. A local enforcement agency may take disciplinary action against a contractor who fails to timely submit a Uniform Notice of a Low-Voltage Alarm System Project.
- (7) The Uniform Notice of a Low-Voltage Alarm System Project may be submitted electronically or by facsimile if all submissions are signed by the owner, tenant, contractor, or authorized representative of such persons. The Uniform Notice of a Low-Voltage Alarm System Project shall be in the format prescribed by the local enforcement agency and must comply with the requirements of Section 553.793(7), *Florida Statutes*.

- (8) A low-voltage alarm system project may be inspected by the local enforcement agency to ensure compliance with applicable codes and standards. If a low-voltage alarm system project fails an inspection, the contractor must take corrective action as necessary to pass inspection.
- (9) A municipality, county, district, or other entity of local government may not adopt or maintain in effect an ordinance or rule regarding a low-voltage alarm system project that is inconsistent with this section.
- (10) A uniform basic permit label shall not be required for the subsequent maintenance, inspection, or service of an alarm system that was permitted in accordance with this section.

The provisions of this act are not intended to impose new or additional licensure requirements on persons licensed in accordance with the applicable provisions of chapter 489, *Florida Statutes*.

SECTION 106 FLOOR AND ROOF DESIGN LOADS

106.1 Live loads posted. Where the live loads for which each floor or portion thereof of a commercial or industrial building is or has been designed to exceed 50 psf (2.40 kN/m²), such design live loads shall be conspicuously posted by the owner in that part of each *story* in which they apply, using durable signs. It shall be unlawful to remove or deface such notices.

106.2 Issuance of certificate of occupancy. A certificate of occupancy required by Section 111 of this code shall not be issued until the floor load signs, required by Section 106.1 of this code, have been installed.

106.3 Restrictions on loading. It shall be unlawful to place, or cause or permit to be placed, on any floor or roof of a building, structure or portion thereof, a load greater than is permitted by this code.

SECTION 107 SUBMITTAL DOCUMENTS

107.1 General. Submittal documents consisting of construction documents, a statement of special inspections, geotechnical report and other data shall be submitted in two or more sets with each permit application. The construction documents shall be prepared by a registered design professional where required by Chapter 471, Florida Statutes & 61G15 Florida Administrative Code or Chapter 481, Florida Statutes & 61G1 Florida Administrative Code. Where special conditions exist, the Building Official is authorized to require additional construction documents to be prepared by a registered design professional. Electronic media documents shall be submitted when required by the Building Official, and may require only one set of submittals.

Exception: The Building Official is authorized to waive the submission of construction documents and other data not required to be prepared by a registered design

professional if it is found that the nature of the work applied for is such that review of construction documents is not necessary to obtain compliance with this code.

107.2 Construction documents. Construction documents shall be in accordance with Sections 107.2.1 through 107.2.5 of this code.

107.2.1 Information on construction documents. Construction documents shall be dimensioned and drawn upon suitable material. Electronic media documents shall be submitted when approved by the Building Official. Construction documents 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 relevant laws, ordinances, rules and regulations, as determined by the Building Official. Such drawings and specifications shall contain information, in the form of notes or otherwise, as to the quality of materials, where quality is essential to conformity with the technical codes. Such information shall be specific, and the technical codes shall not be cited as a whole or in part, nor shall the term "legal" or its equivalent be used as a substitute for specific information. All information, drawings, specifications and accompanying data shall bear the name and signature of the person responsible for the design. (See also Section 107.1).

107.2.1.1 For roof assemblies required by the code, the construction documents shall illustrate, describe and delineate the type of roofing system, materials, fastening requirements, flashing requirements and wind resistance rating that are required to be installed. Product evaluation and installation shall indicate compliance with the wind criteria required for the specific site or a statement by an architect or engineer for the specific site must be submitted with the construction documents.

107.2.1.2 Additional data. The Building Official may require details, computations, stress diagrams, and other data necessary to describe the construction or installation and the basis of calculations. All drawings, specifications and accompanying data required by the Building Official to be prepared by an architect or engineer shall be affixed with their official seal, signature and date as state law requires.

107.2.1.3 Quality of building plans. Building plans shall be drawn to a minimum 1/8 inch scale upon substantial paper, cloth or other acceptable medium. The building official may establish through divisional policy, other standards for plans and specifications, in order to provide conformity to its record retention program. This policy may include such things as minimum size, shape, contrast, clarity, or other items related to records management. Electronic media must be compatible with the archive requirements of Florida Statutes.

107.2.2 Fire protection system shop drawings. Shop drawings for the *fire protection system(s)* shall be submitted to indicate conformance to this code and the *construction documents* and shall be *approved* prior to the start of system installation. Shop drawings shall contain all information as required by the referenced installation standards in Chapter 9.

107.2.3 Means of egress. The construction documents shall show in sufficient detail the location, construction, size and character of all portions of the means of egress in compliance with the provisions of this code. In other than occupancies in Groups R-2, R-3, and I-1, the construction documents shall designate the number of occupants to be accommodated on every floor, and in all rooms and spaces.

107.2.4 Exterior wall envelope. Construction documents for all buildings shall describe the exterior wall envelope in sufficient detail to determine compliance with this code. The construction documents shall provide details of the exterior wall envelope as required, including flashing, intersections with dissimilar materials, corners, end details, control joints, intersections at roof, eaves or parapets, means of drainage, water-resistive membrane and details around openings. The construction documents shall include manufacturer's installation instructions that provide supporting documentation that the proposed penetration and opening details described in the construction documents maintain the weather resistance of the exterior wall envelope. The supporting documentation shall fully describe the exterior wall system which was tested, where applicable, as well as the test procedure used.

107.2.5 Site plan. The construction documents submitted with the application for permit shall be accompanied by a site plan showing to scale the size and location of new construction and existing structures on the site, distances from lot lines, the established street grades and the proposed finished grades and, as applicable, flood hazard areas, floodways, and design flood elevations; and it shall be drawn in accordance with an accurate boundary line survey. In the case of demolition, the site plan shall show construction to be demolished and the location and size of existing structures and construction that are to remain on the site or plot. The Building Official is authorized to waive or modify the requirement for a site plan when the application for permit is for alteration or repair or when otherwise warranted.

107.2.5.1 Design flood elevations. Where design flood elevations are not specified, they shall be established in accordance with Section 1612.3.1

107.2.5.2 For the purpose of inspection and record retention, site plans for a building may be maintained in the form of an electronic copy at the worksite. These plans must be open to inspection by the Building Official or a duly authorized representative, as required by the Florida Building Code.

107.3 Examination of documents. The Building Official shall examine or cause to be examined the accompanying submittal documents and shall ascertain by such examinations whether the construction indicated and described is in accordance with the requirements of this code and other pertinent laws or ordinances.

Exceptions:

1. Building plans approved pursuant to *Section 553.77(5), Florida Statutes*, and state-approved manufactured buildings are exempt from local codes enforcing agency plan reviews except for provisions of the code relating to erection, assembly or construction at the site. Erection, assembly (including utility crossover connections) and construction at the site are subject to local permitting and inspections. Photocopies of plans approved according to FAC 9B-1.009,

F.A.C., shall be sufficient for local permit application documents of record for the modular building portion of the permitted project.

2. Industrial construction on sites where design, construction and fire safety are supervised by appropriately licensed design and inspection professionals and which contain adequate in-house fire departments and rescue squads is exempt, subject to approval by the building official, from review of plans and inspections, providing the appropriate licensed design and inspection professionals certify that applicable codes and standards have been met and supply appropriate approved drawings to local building and fire-safety inspectors.

107.3.1 Approval of construction documents. When the Building Official issues a permit, the construction documents shall be noted, in writing or by stamp, as "Reviewed for Code Compliance." One set of construction documents so reviewed shall be retained by the Building Official. The other set shall be returned to the applicant, shall be kept at the site of work and shall be open to inspection by the Building Official or a duly authorized representative.

107.3.2 Previous approvals. This code shall not require changes in the construction documents, construction or designated occupancy of a structure for which a lawful permit has been heretofore issued or otherwise lawfully authorized, and the construction of which has been pursued in good faith within 6 months after the effective date of this code and has not been abandoned.

107.3.3 Phased approval. The Building Official is authorized to issue a permit for the construction of foundations or any other part of a building or structure before the construction documents for the whole building or structure have been submitted, provided that adequate information and detailed statements have been filed complying with pertinent requirements of this code. The holder of such permit for the foundation or other parts of a building or structure shall proceed at the holder's own risk with the building operation and without assurance that a permit for the entire structure will be granted.

107.3.4 Design professional in responsible charge. When it is required that documents be prepared by a registered design professional, the Building Official shall be authorized to require the owner to engage and designate on the building permit application a registered design professional who shall act as the registered design professional in responsible charge. If the circumstances require, the owner shall designate a substitute registered design professional in responsible charge who shall perform the duties required of the original registered design professional in responsible charge. The Building Official shall be notified in writing by the owner if the registered design professional in responsible charge is changed or is unable to continue to perform the duties. The registered design professional in responsible charge shall be responsible for reviewing and coordinating submittal documents prepared by others, including phased and deferred submittal items, for compatibility with the design of the building. Those products which are regulated by DCA Rule 61G20 shall be reviewed and approved in writing by the designer of record prior to submittal for jurisdictional approval.

107.3.4.1 Deferred submittals. For the purposes of this section, deferred submittals are defined as those portions of the design that are not submitted at the time of the application and that are to be submitted to the Building Official

within a specified period. Deferral of any submittal items shall have the prior approval of the Building Official. The registered design professional in responsible charge shall list the deferred submittals on the construction documents for review by the Building Official. Documents for deferred submittal items shall be submitted to the registered design professional in responsible charge who shall review them and forward them to the Building Official with a notation indicating that the deferred submittal documents have been reviewed and found to be in conformance to the design of the building. The deferred submittal items shall not be installed until the deferred submittal documents have been approved by the Building Official.

107.3.4.2 Certifications by contractors authorized under the provisions of Section 489.1 15(4)(b), *Florida Statutes*, shall be considered equivalent to sealed plans and specifications by a person licensed under Chapter 471, *Florida Statutes*, or Chapter 481 *Florida Statutes*, by local enforcement agencies for plans review for permitting purposes relating to compliance with the wind-resistance provisions of the code or alternate methodologies approved by the Florida Building Commission for one and two-family dwellings. Local enforcement agencies may rely upon such certification by contractors that the plans and specifications submitted conform to the requirements of the code for wind resistance. Upon good cause shown, local government code enforcement agencies may accept or reject plans sealed by persons licensed under Chapters 471,481 or 489, *Florida Statutes*.

107.3.5 Minimum plan review criteria for buildings. The examination of the documents by the Building Official shall include the following minimum criteria and documents: a floor plan; site plan; foundation plan; floor/roof framing plan or truss layout; all fenestration penetrations; flashing; and rough opening dimensions; and all exterior elevations:

Commercial Buildings

107.3.5.1.1 Building

1. Site requirements:
 - Parking
 - Fire access
 - Vehicle loading
 - Driving/turning radius
 - Fire hydrant/water supply/post indicator valve (PIV)
 - Set back/separation (assumed property lines)
 - Location of specific tanks, water lines and sewer lines
 - Flood hazard areas, flood zones, and design flood elevations
2. Occupancy group and special occupancy requirements shall be determined.
3. Minimum type of construction shall be determined (see Table 503).
4. Fire-resistant construction requirements shall include the following components:
 - Fire-resistant separations

- Fire-resistant protection for type of construction
- Protection of openings and penetrations of rated walls
- Fire blocking and draft-stopping and calculated fire resistance
- 5. Fire suppression systems shall include:
 - Early warning smoke evacuation systems
 - Schematic fire sprinklers
 - Standpipes
 - Pre-engineered systems
 - Riser diagram
- 6. Life safety systems shall be determined and shall include the following requirements:
 - Occupant load and egress capacities
 - Early warning
 - Smoke control
 - Stair pressurization
- 7. Systems schematic
 - Occupancy load/egress requirements shall include:
 - Gross
 - Net
 - Means of egress
 - Exit access
 - Exit
 - Exit discharge
 - Stairs construction/geometry and protection
 - Doors
 - Emergency lighting and exit signs
 - Specific occupancy requirements
 - Construction requirements
 - Horizontal exits/exit passageways
- 8. Structural requirements shall include:
 - Soil conditions/analysis
 - Termite protection
 - Design loads
 - Wind requirements
 - Building envelope
 - Structural calculations (if required)
 - Foundation
 - Flood requirements in accordance with Section 1612 of this code, including lowest floor elevations, enclosures, flood damage-resistant materials
 - Wall systems
 - Floor systems
 - Roof systems
 - Threshold inspection plan
 - Stair systems
- 9. Materials shall be reviewed and shall at a minimum include the following:
 - Wood
 - Steel
 - Aluminum
 - Concrete
 - Plastic

- Glass
- Masonry
- Gypsum board and plaster
- Insulating (mechanical)
- Roofing
- Insulation
- 10. Accessibility requirements shall include the following:
 - Site requirements
 - Accessible route
 - Vertical accessibility
 - Toilet and bathing facilities
 - Drinking fountains
 - Equipment
 - Special occupancy requirements
 - Fair housing requirements
- 11. Interior requirements shall include the following:
 - Interior finishes (flame spread/smoke development)
 - Light and ventilation
 - Sanitation
- 12. Special systems:
 - Elevators
 - Escalators
 - Lifts
- 13. Swimming pools:
 - Barrier requirements
 - Spas
 - Wading pools

107.3.5.1.2 Electrical

1. Electrical:
 - Wiring
 - Services
 - Feeders and branch circuits
 - Overcurrent protection
 - Grounding
 - Wiring methods and materials
 - GFCIs
2. Equipment
3. Special occupancies
4. Emergency systems
5. Communication systems
6. Low voltage
7. Load calculations
8. Design flood elevation

107.3.5.1.3 Plumbing

1. Minimum plumbing facilities
2. Fixture requirements
3. Water supply piping

4. Sanitary drainage
5. Water heaters
6. Vents
7. Roof drainage
8. Back flow prevention
9. Irrigation
10. Location of water supply line
11. Grease traps
12. Environmental requirements
13. Plumbing riser
14. Design flood elevation

107.3.5.1.4 Mechanical

1. Energy Calculations
2. Exhaust systems:
 - Clothes dryer exhaust
 - Kitchen equipment exhaust
 - Specialty exhaust systems
3. Equipment
4. Equipment location
5. Make-up air
6. Roof-mounted equipment
7. Duct systems
8. Ventilation
9. Combustion air
10. Chimneys, fireplaces and vents
11. Appliances
12. Boilers
13. Refrigeration
14. Bathroom ventilation
15. Laboratory
16. Design flood elevation

107.3.5.1.5 Gas

1. Gas piping
2. Venting
3. Combustion air
4. Chimneys and vents
5. Appliances
6. Type of gas
7. Fireplaces
8. LP tank location
9. Riser diagram/ shutoffs
10. Design flood elevation

107.3.5.2 Demolition

1. Asbestos removal

107.3.5.3 Residential (One and Two-Family)

1. Site requirements
 - Set back/separation (assumed property lines)
 - Location of septic tanks
2. Fire-resistant construction (if required)
3. Smoke detector locations
4. Egress
 - Egress window size and location stairs construction requirements
5. Structural requirements shall include:
 - Wall section from foundation through roof, including assembly and materials connector tables
 - Termite protection
 - Design Loads
 - Wind requirements
 - Building envelope
 - Structural calculations (if required)
 - Foundation
 - Wall systems
 - Floor systems
 - Roof systems
6. Accessibility requirements: show/identify accessible bath
7. Impact resistant coverings or systems
8. Flood hazard areas, flood zones, design flood elevations, lowest floor elevations, enclosures, equipment, and flood damage-resistant materials
9. Electrical:
 - Electric service riser with wire sizes, conduit detail and grounding detail
 - Complete load calculations, Panel schedules
10. Mechanical:
 - Equipment and location, Duct systems
11. Plumbing:
 - Plumbing riser
12. Gas:
 - Gas piping
 - Venting
 - Combustion air
 - Chimneys and vents
 - Appliances
 - Type of gas
 - Fireplaces
 - LP tank location
 - Riser diagram/shutoffs
13. Energy Calculations

107.3.5.4 Swimming Pools

- Barrier requirements
- Spas
- Wading pools

107.3.5.5 Exemptions. Plans examination by the Building Official shall not be required for the following work:

1. Replacing existing equipment such as mechanical units, water heaters, etc.
2. Minor electrical, plumbing and mechanical repairs
3. Annual maintenance permits
4. Prototype plans: except for local site adaptation, siding, foundations and/or modifications. Except for structures that require waiver.
5. Manufactured buildings plan except for foundations and modifications of buildings on site.

107.4 Amended construction documents. Work shall be installed in accordance with the approved construction documents, and any changes made during construction that are not in compliance with the approved construction documents shall be resubmitted for review as an amended set of construction documents.

107.5 Retention of construction documents. One set of approved construction documents shall be retained by the Building Official as required by *Florida Statutes*.

107.6 Affidavits. The Building Official may accept a sworn affidavit from a registered architect or engineer stating that the plans submitted conform to the technical codes. For buildings and structures, the affidavit shall state that the plans conform to the laws as to egress, type of construction and general arrangement and, if accompanied by drawings, show the structural design and that the plans and design conform to the requirements of the technical codes as to strength, stresses, strains, loads and stability. The Building Official may without any examination or inspection accept such affidavit, provided the architect or engineer who made such affidavit agrees to submit to the Building Official copies of inspection reports as inspections are performed and upon completion of the structure, electrical, gas, mechanical or plumbing systems a certification that the structure, electrical, gas, mechanical or plumbing system has been erected in accordance with the requirements of the technical codes. Where the Building Official relies upon such affidavit, the architect or engineer shall assume full responsibility for compliance with all provisions of the technical codes and other pertinent laws or ordinances. The Building Official shall ensure that any person conducting plans review is qualified as a plans examiner under Part XII of Chapter 468, *Florida Statutes*, and that any person conducting inspections is qualified as a building inspector under Part XII of Chapter 468, *Florida Statutes*.

107.6.1 Building permits issued on the basis of an affidavit. Pursuant to the requirements of federal regulation for participation in the National Flood Insurance Program (44 C.F.R. Parts 59 and 60), the authority granted to the Building Official to issue permits, to rely on inspections, and to accept plans and construction documents on the basis of affidavits and plans submitted pursuant to Sections 105.14 and 107.6, shall not extend to the flood load and flood resistance construction requirements of the *Florida Building Code*.

SECTION 108 TEMPORARY STRUCTURES AND USES

108.1 General. The Building Official is authorized to issue a permit for temporary structures and temporary uses. Such permits shall be limited as to time of service, but shall not be permitted for more than 6 months. The Building Official is authorized to grant extensions for demonstrated cause.

108.2 Conformance. Temporary structures and uses shall conform to the structural strength, fire safety, means of egress, accessibility, light, ventilation and sanitary requirements of this code as necessary to ensure public health, safety and general welfare.

108.3 Temporary power. The Building Official is authorized to give permission to temporarily supply and use power in part of an electric installation before such installation has been fully completed and the final certificate of completion has been issued. The part covered by the temporary certificate shall comply with the requirements specified for temporary lighting, heat or power in NFPA 70.

108.4 Termination of approval. The Building Official is authorized to terminate such permit for a temporary structure or use and to order the temporary structure or use to be discontinued.

SECTION 109 FEES

109.1 Payment of Fees. A permit shall not be valid until the fees prescribed by law have been paid, nor shall an amendment to a permit be released until the additional fee, if any, has been paid.

109.2 Schedule of permit fees. On buildings, structures, electrical, gas, mechanical and plumbing systems or alterations requiring a permit, a fee for each permit shall be paid as required, in accordance with the schedule as established by the applicable governing authority.

109.3 Building permit valuations. If, in the opinion of the Building Official, the claimed valuation of building, alteration, structure, electrical, gas, mechanical or plumbing systems appears to be underestimated on the application, the permit shall be denied, unless the applicant can show detailed, quantity estimates, or bona fide signed contracts (excluding land value) to meet the approval of the Building Official. For permitting purposes, valuation of buildings and systems shall be total replacement value to include structural, electric, plumbing, mechanical, interior finish, relative site work, architectural and design fees, marketing costs, overhead and profit; excluding only land value. Valuation references may include the latest published data of national construction cost analysis services, such as, Marshall-Swift, Means, etc., as published by International Code Congress. Final building permit valuation shall be set by the Building Official.

109.4 Work commencing before permit issuance. Any person who commences any work on a building, structure, electrical, gas, mechanical or plumbing system before obtaining the Building Official's approval or the necessary permits shall be subject to a penalty fee in addition to the required permit fees, as set in the approved schedule of fees or as provided by local ordinance. This provision shall not apply to emergency work when delay would

clearly have placed life or property in imminent danger. But in all such cases, there should be immediate notification to the Building Official and the required permit(s) must be applied for within three business (3) business days and any unreasonable delay in obtaining those permit(s) shall result in the charge of a penalty fee. The payment of a penalty fee shall not preclude or be deemed a substitute for prosecution for commencing work without first obtaining a permit. The Building Official may grant extensions of time or adjust penalties when justification cause has been demonstrated in writing.

109.5 Related fees. The payment of the fee for the construction, alteration, removal or demolition for work done in connection to or concurrently with the work authorized by a building permit shall not relieve the applicant or holder of the permit from the payment of other fees that are prescribed by law

109.6 Refunds. The Building Official is authorized to establish a refund policy.

SECTION 110 INSPECTIONS

110.1 General. Construction or work for which a permit is required shall be subject to inspection by the Building Official and such construction or work shall remain accessible and exposed for inspection purposes until approved. 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. It shall be the duty of the permit applicant to cause the work to remain accessible and exposed for inspection purposes. The Building Official shall be permitted to require a boundary line survey prepared by a qualified surveyor whenever the boundary lines cannot be readily determined in the field. Neither the Building Official nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

110.1.1 Manufacturers and fabricators. When deemed necessary by the Building Official, he/she shall make, or cause to be made, an inspection of materials or assemblies at the point of manufacture or fabrication. A record shall be made of every such examination and inspection and of all violations of the technical codes.

110.1.2 Other inspections services. The Building Official may make, or cause to be made by others, the inspections required by Section 109 of this code. He/she may accept reports of inspectors of recognized inspection services, provided that after investigation he/she is satisfied as to their qualifications and reliability. A certificate called for by any provision of the technical codes shall not be based on such reports unless the same are in writing and certified by a responsible officer of such service. The Building Official may require the owner to employ an inspection service in the following instances:

1. For buildings or additions of Type I construction
2. For all major structural alterations
3. Where the concrete design is based on compressive strength ($f'c$) in excess of 3000 pounds per square inch
4. For pile driving
5. For buildings with area greater than 20,000 square foot

6. For buildings more than 2 stories in height
7. For buildings and structures of unusual design or methods of construction

Such inspectors shall be adequately present at times work is underway on the structural elements of the building. Such inspectors shall be a registered architect, or engineer. An employee of the architect or engineer licensed under Chapter 468, Part XII, *Florida Statutes* may perform the inspections, under the direction of and with final certification from the architect or engineer. Such inspectors shall submit weekly progress reports including the daily inspections to the Building Official, and including a code compliance opinion of the Resident Inspector.

At the completion of the construction work or project, such inspectors shall submit a certificate of compliance to the Building Official, stating that the work was done in compliance with this code and in accordance with the permitted drawing. Final inspection shall be made by the Building Official before a Certificate of Occupancy or Certificate of Completion is issued; and confirmation inspections may be made at any time to monitor activities and resident inspectors.

110.1.3 Affidavit for inspection. With specific prior approval of, and in a format acceptable to the Building Official, an affidavit for certification of inspection may be accepted from the permit qualifier; when accompanied by extensive photographic evidence of sufficient detail to demonstrate code compliance. The photographic evidence shall be comprehensive in the display of the installation and/or construction and job location identifiers. The affidavit and accompanying photographs shall be provided to the inspector onsite, at the next scheduled inspection. If the photographs are found to be insufficient by the Building Official to demonstrate compliance with this code and/or the permitted document, or clearly display location identifiers, or are missing, the inspector shall require the contractor to obtain the services of a Registered Florida Professional Engineer to inspect and certify the installation and/or construction.

110.2 Preliminary inspection. Subject to the limitations of F.S. Chapter 553, before issuing a permit, the Building Official is authorized to examine or cause to be examined buildings, structures and sites for which an application has been filed.

110.2.1 Existing building inspections. Before issuing a permit, the Building Official may examine or cause to be examined any building, electrical, gas, mechanical, or plumbing systems for which an application has been received for a permit to enlarge, alter, repair, move, demolish, install, or change the occupancy. He/she may inspect the buildings, structures, electrical, gas, mechanical and plumbing systems, from time to time, before, during and upon completion of the work for which a permit was issued. He/she shall make a record of every such examination and inspection and of all observed violations of the technical codes. Additional regulations in *Florida Building Code, Existing Building* may apply.

110.3 Required inspections. The Building Official upon notification from the permit holder or his or her agent, shall make the following inspections, and such other inspections as deemed necessary, and shall either release that portion of the construction or shall notify the permit holder or his or her agent of any violations which must be corrected in order to comply with the technical codes. The Building Official shall determine the timing and sequencing of when inspections occur and what elements

are inspected at each inspection. A complete survey or special purpose survey may be required before an inspection is approved.

A. Building

1. Foundation inspection. To be made after trenches are excavated, forms erected, and required reinforcing steel is in place. The foundation inspection shall at a minimum, include the following building components:
 - Stem-wall
 - Monolithic slab-on-grade
 - Pilings and pile caps
 - Footings/grade beams
 - 1.1 Slab/Floor Inspection: Concrete slab and under-floor inspections shall be made after in-slab or under-floor reinforcing steel or framing members installed and all building service equipment, conduit, piping accessories and other ancillary equipment items are in place, but before any concrete is placed or floor sheathing installed, including the subfloor. A foundation/form board survey prepared and certified by a registered surveyor may be required, prior to approval of the slab inspection. The survey shall certify placement of the building on the site, illustrate all surrounding setback dimensions and shall be available at the job site for review by the building inspector.
 - 1.2 In flood hazard areas, upon placement of the lowest floor, including basement, and prior to further vertical construction, the elevation certification, required in Section 1612.5 of this code, shall be submitted to the Building Official.
2. Construction Inspections
 - 2.1 Lintel/tie beams/columns/masonry units. To be made after masonry units, forms, reinforcing steel, shoring, conduit, piping accessories, and other ancillary equipment items are in place, but before any concrete is placed.
 - 2.2 Sheathing inspection. To be made either as part of a dry-in inspection or done separately at the request of the contractor after all roof and wall sheathing and fasteners are complete and shall at a minimum include the following building components:
 - Roof sheathing
 - Wall sheathing
 - Floor sheathing
 - Sheathing fasteners
 - Roof/wall dry-in.
 - Gypsum board, as required
 - Sheathing/cladding inspection

NOTE: Sheathing fasteners installed and found to be missing the structural member (shiners) shall be corrected prior to installation of the dry-in material.

- 2.3 Framing inspection. To be made after the roof deck or sheathing, all framing, fire-blocking and bracing is in place, all concealed wiring, all pipes, chimneys, ducts and vents are complete and shall at a minimum include the following building components:
- Window/door framing and installation. Verify rough opening dimensions are within tolerances, buck and attachments.
 - Lintel/tie beams complete, if applicable.
 - Framing/trusses/bracing/connectors (including truss layout drawings)
 - Draft stopping/fire blocking
 - Curtain wall framing
 - Fire resistant assemblies, joints and penetrations, as required
 - Accessibility.
3. Roofing inspection. Shall at a minimum include the following building components:
- Dry-in
 - Insulation
 - Roof coverings (including in-progress)
 - Flashing
4. Energy insulation, thermal and ignition barriers
5. Lath/Drywall. Lath and gypsum board inspections shall be made after lathing and gypsum board, interior and exterior, is in place, but before any plastering is applied or gypsum board joints and fasteners are taped and finished.
- Exception: Gypsum board that is not part of a fire-resistance- rated assembly or a shear assembly, unless otherwise determined by the building official.
6. Final inspection. To be made after the building is completed and ready for occupancy.
- 6.1. Lowest floor elevation. In flood hazard areas, as part of the final inspection, a final certification of the lowest floor elevation shall be submitted to the authority having jurisdiction.
7. Swimming pool inspection.
- First inspection to be made after excavation and installation of reinforcing steel, bonding and main drain and prior to placing of concrete shell.
 - Underground electric inspection
 - Underground piping inspection including a pressure test
 - Deck inspection: to be made prior to installation of the deck material (with forms, deck drains, and any reinforcement in placed.
 - Final electric inspection to be made prior to filling the swimming pool with water.
 - Final permanent barrier inspection to be made prior to filling the swimming pool with water.
 - In order to pass final inspection and receive a certificate of completion, a residential swimming pool must meet the requirements relating to pool safety features as described in Section 424.2.17 of this code.

- Final inspection to be made when the swimming pool is complete and all required enclosure requirements are in place.
 - In order to pass final inspection and receive a certificate of completion, a residential swimming pool must meet the requirements relating to pool safety features as described in Section 424.2.17 of this code.
8. Demolition inspections.
- First inspection to be made after all utility connections have been disconnected and secured in such manner that no unsafe or unsanitary conditions shall exist during or after demolition operations.
 - Final inspection to be made after all demolition work is completed.
9. Manufactured building inspections. The Building Department shall inspect construction of foundations; connecting buildings to foundations; installation of parts identified on plans as site installed items, joining the modules, including utility crossovers; utility connections from the building to utility lines on site; and any other work done on site which requires compliance with the *Florida Building Code*. Additional inspections may be required for public educational facilities (see Section 423.27.20 of this code).
10. Where impact-resistant coverings or impact resistant systems are installed to meet requirements of this code, the Building Official shall schedule adequate inspections of impact-resistant coverings or impact resistant systems to determine the following:
- The system indicated on the plans was installed.
 - The system is installed in accordance with the manufacturer's installation instructions and the product approval.

B. Electrical

1. Underground inspection (including bonding and ground). To be made after trenches or ditches are excavated, conduit or cable is installed, and before any backfill is put in place.
2. Rough-in inspection. To be made after the roof, framing, fire-blocking and bracing is in place and prior to the installation of wall or ceiling membranes.
3. Low Voltage: To be made for security, alarm, elevator, and special uses.
4. Final inspection. To be made after the building is complete, all required electrical fixtures are in place and properly connected or protected, and the structure is ready for occupancy.

C. Plumbing

1. Underground inspection. To be made after trenches or ditches are excavated, piping is installed, and before any backfill is put in place.
 2. Rough-in inspection. To be made after the roof, framing, fire-blocking and bracing is in place and all soil, waste and vent piping is complete, and prior to the installation of insulation (if applicable), or wall or ceiling membranes.
 3. Final inspection. To be made after the building is complete, all plumbing fixtures are in place and properly connected, and the structure is ready for occupancy.
- Note:** See Section 312 of the *Florida Building Code, Plumbing* for required tests.

D. Mechanical

1. Underground inspection. To be made after trenches or ditches are excavated, underground duct and fuel piping is installed, and before any backfill is put in place.
2. Rough-in inspection. To be made after the roof, framing, fire-blocking and bracing are in place and all ducting, and other concealed components are complete, and prior to the installation of wall or ceiling membranes.
3. Final inspection. To be made after the building is complete, the mechanical system is in place and properly connected, and the structure is ready for occupancy.

E. Gas

1. Rough piping inspection. To be made after all new piping authorized by the permit has been installed, and before any such piping has been covered or concealed or any fixtures or gas appliances have been connected.
2. Final piping inspection. To be made after all piping authorized by the permit has been installed and after all portions which are to be concealed by plastering or otherwise have been so concealed, and before any fixtures or gas appliances have been connected. This inspection shall include a pressure test.
3. Final inspection. To be made on all new gas work authorized by the permit and such portions of existing systems as may be affected by new work or any changes, to ensure compliance with all the requirements of this code and to assure that the installation and construction of the gas system is in accordance with reviewed plans.

F. Site debris

1. The contractor and/or owner of any active or inactive construction project shall be responsible for the clean-up and removal of all construction debris or any other miscellaneous discarded articles prior to receiving final inspection approval. Construction job sites must be kept clean.

110.3.1 Footing and foundation inspection. Footing and foundation inspections shall be made after excavations for footings are complete and any required reinforcing steel is in place. For concrete foundations, any required forms shall be in place prior to inspection. Materials for the foundation shall be on the job, except where concrete is ready mixed in accordance with ASTM C 94, the concrete need not be on the job.

110.3.2 Concrete slab and under-floor inspection. (Reserved).

110.3.3 Lowest floor elevation (Reserved).

110.3.4 Frame inspection (Reserved).

110.3.5 Lath and gypsum board inspection (Reserved).

110.3.6 Fire- and smoke-resistant penetrations. Protection of joints and penetrations in fire-resistance-rated assemblies, smoke barriers and smoke partitions shall not be concealed from view until inspected and approved.

110.3.7 Energy efficiency inspections. Inspections shall be made to determine compliance with Chapter 13 and shall include, but not be limited to, inspections for: envelope insulation R- and U-values, fenestration U-value, duct system R-value, and HVAC and water-heating equipment efficiency.

110.3.8 (Reserved).

110.3.9 Special Inspections (Reserved).

110.3.10 Inspections prior to issuance of Certificate of Occupancy or Completion. The Building Official shall inspect or cause to be inspected, at various intervals, all construction or work for which a permit is required, and a final inspection shall be made of every building, structure, electrical, gas, mechanical or plumbing system upon completion, prior to the issuance of the Certificate of Occupancy or Certificate of Completion. In performing inspections, the Building Official shall give first priority to inspections of the construction, addition, or renovation to, any facilities owned or controlled by a state university, state community college or public school district.

110.3.11 Termites. Building components and building surroundings required to be protected from termite damage in accordance with Section 1503.6 of this code, Section 2304.13 of this code or Section 2304.11.6 of this code, specifically required to be inspected for termites in accordance with Section 2114 of this code, or required to have chemical soil treatment in accordance with Section 1816 of this code shall not be covered or concealed until the release from the Building Official has been received. (Also refer to Sections 105.10 and 105.11 of this code)

110.3.12 Impact resistant coverings or systems. Where impact resistant coverings or systems are installed to meet requirements of this code, the Building Official shall schedule adequate inspections of impact resistant coverings or systems to determine the following:

1. The system indicated on the plans was installed.
2. The system is installed in accordance with the manufacturer's installation instructions and the product approval.

110.3.13 Reinforcing steel and structural frames. Reinforcing steel or structural frame work of any part of any building or structure shall not be covered or concealed without first obtaining a release from the Building Official. Certification that field welding and structural bolted connections meet design requirements shall be submitted to the Building Official, upon request.

110.4 Inspection agencies. The Building Official is authorized to accept reports of approved inspection agencies, provided such agencies satisfy the requirements as to qualifications and reliability

110.5 Inspection requests. It shall be the duty of the holder of the building permit or their duly authorized agent to notify the Building Official when work is ready for inspection. It shall be the duty of the permit holder to provide access to and means for inspections of such work that are required by this code.

110.6 Approval required. Work shall not be done beyond the point indicated in each successive inspection without first obtaining the written release of the Building Inspector. The Building Inspector, upon notification, shall make the requested inspections and shall either indicate the portion of the construction that is satisfactory as completed, or notify the permit holder or his or her agent wherein the same fails to comply with this code. Any portions that do not comply shall be corrected and such portion shall not be covered or concealed until authorized by the Building Inspector.

110.7 Shoring. For threshold buildings, shoring and associated formwork or falsework shall be designed and inspected by a Florida licensed professional engineer, employed by the permit holder or subcontractor, prior to any required mandatory inspections by the threshold building inspector.

110.8 Threshold building.

110.8.1 The enforcing agency shall require a special inspector to perform structural inspections on a threshold building pursuant to a structural inspection plan prepared by the engineer or architect of record. The structural inspection plan must be submitted to the enforcing agency prior to the issuance of a building permit for the construction of a threshold building. The purpose of the structural inspection plans is to provide specific inspection procedures and schedules so that the building can be adequately inspected for compliance with the permitted documents. The special inspector may not serve as a surrogate in carrying out the responsibilities of the Building Official, the architect or the engineer of record. The contractor's contractual or statutory obligations are not relieved by any action of the special inspector.

110.8.2 The special inspector shall determine that a professional engineer who specializes in shoring design has inspected the shoring and re-shoring for conformance with the shoring and re-shoring plans submitted to the enforcing agency. A fee simple title owner of a building, which does not meet the minimum size, height, occupancy, occupancy classification or number-of-stories criteria which would result in classification as a threshold building under Florida Statute 553.71(7), may designate such building as a threshold building, subject to more than the minimum number of inspections required by the Florida Building Code.

110.8.3 The fee owner of a threshold building shall select and pay all costs of employing a special inspector, but the special inspector shall be responsible to the enforcement agency. The inspector shall be a person certified, licensed or registered under Chapter 471, *Florida Statutes*, as an engineer or under Chapter 481, *Florida Statutes*, as an architect.

110.8.4 Each enforcement agency shall require that, on every threshold building:

110.8.4.1 The special inspector, upon completion of the building and prior to the issuance of a certificate of occupancy, file a signed and sealed statement with the enforcement agency in substantially the following form: "To the best of

my knowledge and belief, the above described construction of all structural load-bearing components complies with the permitted documents, and the shoring and re-shoring conforms to the shoring and re-shoring plans submitted to the enforcement agency.”

110.8.4.2 Any proposal to install an alternate structural product or system to which building codes apply shall be submitted to the enforcement agency for review for compliance with the codes and made part of the enforcement agency’s recorded set of permit documents.

110.8.4.3 All shoring and re-shoring procedures, plans and details shall be submitted to the enforcement agency for recordkeeping. Each shoring and re-shoring installation shall be supervised, inspected and certified to be in compliance with the shoring documents by the contractor.

110.8.4.4 All plans for the building which are required to be signed and sealed by the architect or engineer of record contain a statement that, to the best of the architect’s or engineer’s knowledge, the plans and specifications comply with the applicable minimum building codes and the applicable fire-safety standards as determined by the local authority in accordance with this section and Chapter 633, *Florida Statutes*.

110.8.5 No enforcing agency may issue a building permit for construction of any threshold building except to a licensed general contractor, as defined in Section 489.105(3)(a), *Florida Statutes*, or to a licensed building contractor, as defined in Section 489.105(3)(b), *Florida Statutes*, within the scope of her or his license. The named contractor to whom the building permit is issued shall have the responsibility for supervision, direction, management and control of the construction activities on the project for which the building permit was issued.

110.8.6 The Building Department may allow a special inspector to conduct the minimum structural inspection of threshold buildings required by this code, Section 553.73, *Florida Statutes*, without duplicative inspection by the Building Department. The Building Official is responsible for ensuring that any person conducting inspections is qualified as a building inspector under Part XII of Chapter 468, *Florida Statutes*, or certified as a special inspector under Chapter 471 or 481, *Florida Statutes*. Inspections of threshold buildings required by Section 553.79(5), *Florida Statutes*, are in addition to the minimum inspections required by this code.

110.9 Impact of construction. All construction activity regulated by this code shall be performed in a manner so as not to adversely impact the condition of adjacent property, unless such activity is permitted to affect said property pursuant to a consent granted by the applicable property owner, under terms or conditions agreeable to the applicable property owner. This includes, but is not limited to, the control of dust, noise, water or drainage run-offs, debris, and the storage of construction materials. New construction activity shall not adversely impact legal historic surface water drainage flows serving adjacent properties, and may require special drainage design complying with engineering standards to preserve the positive drainage patterns of the affected sites. Accordingly, developers, contractors and owners of all new residential development, including additions, pools, patios, driveways, decks or similar items, on existing properties resulting in a significant decrease of permeable land area on any parcel or has altered the drainage flow on the developed property shall, as

a permit condition, provide a professionally prepared drainage plan clearly indicating compliance with this paragraph. Upon completion of the improvement, a certification from a licensed professional, as appropriate under Florida law, shall be submitted to the inspector in order to receive approval of the final inspection.

SECTION 111 CERTIFICATES OF OCCUPANCY AND COMPLETION

111.1 Use and occupancy. No building or structure shall be used or occupied, and no change in the existing occupancy classification of a building or structure or portion thereof shall be made until the Building Official has issued a Certificate of Occupancy therefore 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 federal, state and local laws, ordinances, codes and regulations. Said certificate shall not be issued until all required electrical, gas, mechanical, plumbing and fire protection systems have been inspected for compliance with the technical codes and other applicable laws and ordinances and released by the Building Official.

Exception: Certificates of occupancy are not required for work exempt from permits under Section 105.2 of this code.

111.2 Certificate issued. After the Building Official inspects the building or structure and finds no violations of the provisions of this code or other laws that are enforced by the Building Department or other agency whose approval is inherent in the building permitting process, the Building Official shall issue a Certificate of Occupancy that contains the following:

1. The building permit number.
2. The address of the structure.
3. The name and address of the owner.
4. A description of that portion of the structure for which the certificate is issued.
5. A statement that the described portion of the structure has been inspected for compliance with the requirements of this code for the occupancy and division of occupancy and the use for which the proposed occupancy is classified.
6. For buildings and structures in flood hazard areas, a statement that documentation of the as-built lowest floor elevation has been provided and is retained in the records of the Building Department.
7. The name of the Building Official.
8. The edition of the code under which the permit was issued.
9. The use and occupancy, in accordance with the provisions of Chapter 3.
10. The type of construction as defined in Chapter 6.
11. The design occupant load.
12. If an automatic sprinkler system is provided, whether the sprinkler system is required.
13. Any special stipulations and conditions of the building permit.

111.3 Temporary/partial occupancy. A temporary/partial Certificate of Occupancy or Certificate of Completion may be issued for a portion or portions of a building that may safely be occupied prior to final completion of the building. The Building Official may require, once all life safety issues have been complied with, an applicant to provide adequate cash surety for unfinished work or revision of plans until a permanent Certificate of Occupancy or

Certificate of Completion is granted. The purpose of the cash surety is to insure completion of work under this permit. Such cash surety shall be equal to one hundred ten percent (110%) of the estimated value of the remaining work, including labor and material, as determined by the design professional. The design professional shall submit a signed and sealed document attesting to the amount required to cover the cash surety. If work has not been completed and all finals requested within 90 days of issuance of the initial Temporary/Partial Certificate of Occupancy or Certificate of Completion, the jurisdiction retains the right to have the applicant surrender the cash surety. The jurisdiction then may use the surety to finish the remaining work. The surety shall be in the form of cash money, certified check, or cashiers check. Surety shall be returned upon approval of all final inspections and upon written request that has been approved by the Building Official. This provision is only for the Florida Building Code; all other Agency approvals necessary for construction must be secured prior to this provision being applied.

111.4 Revocation. The Building Official is authorized to, in writing, suspend or revoke a Certificate of Occupancy or Completion issued under the provisions of this code wherever the certificate is issued in error, or on the basis of incorrect information supplied, or where it is determined that the building or structure or portion thereof is in violation of any ordinance or regulation or any of the provisions of this code.

111.5 Certificate of completion. Upon satisfactory completion of a building, structure, electrical, gas, mechanical or plumbing system, a Certificate of Completion may be issued. This certificate is proof that a structure or system is complete and for certain types of permits is released for use and may be connected to a utility system. This certificate does not grant authority to occupy or connect a building, such as a shell building, prior to the issuance of a Certificate of Occupancy.

111.6 Fixturing and stocking. The Building Official is authorized to issue approval for fixturing, stocking, training, or decorating, when appropriate, to allow the builder to prepare the structure for permanent occupancy. The building may not open to the general public or be used for the transaction of any commerce. Such approval must be conditioned upon the approval of the Fire Marshal, when applicable.

111.7 Digital Submittal Requirements for New Construction.

111.7.1 Building footprints. The Building Official is authorized to require the submittal of digital shape (CAD) files, in a specific format, depicting a geo-referenced footprint with elevation for all new structures as a condition of the issuance of a Certificate of Occupancy.

111.7.2 Subdivision topography. The Building Official is authorized to require the submittal of electronic topographical data for all new subdivisions over 5 acres or 5 lots for the purposes of updating and maintaining the community's flood maps.

SECTION 112 SERVICE UTILITIES

112.1 Connection of service utilities. No person shall make connections from a utility, source of energy, fuel or power to any building or system that is regulated by this code for which a permit is required, until released by the Building Official and a Certificate of

Occupancy or Completion is issued. The servicing utility company shall not connect the power supply until notified by the Building Official.

112.2 Temporary connection. The Building Official shall have the authority to authorize the temporary connection of the building or system to the utility source of energy, fuel or power for the purpose of testing building service systems or for use under a temporary Certificate of Occupancy.

112.3 Authority to disconnect service utilities. The Building Official shall have the authority to authorize disconnection of utility service to the building, structure or system regulated by this code and the referenced codes and standards set forth in Section 101.4 of this code, in case of emergency where necessary to eliminate an immediate hazard to life, property, unsafe condition, or when such utility connection has been made without the approval required by Section 112.1 or 112.2 of this code. The Building Official shall notify the serving utility, and whenever possible the owner and occupant of the building, structure, or service system of the decision to disconnect prior to taking such action. If not notified prior to disconnecting, the owner or occupant of the building, structure, or service system shall be notified in writing, as soon as practical thereafter.

SECTION 113 BUILDING BOARD OF ADJUSTMENT AND APPEALS

113.1 Appointment. There is hereby established a board to be called the Building Board of Adjustment and Appeals, which shall consist of seven members and two alternates. The applicable governing body shall appoint the Board.

113.2 Membership and Terms

113.2.1 Membership. The Building Board of Adjustment and Appeals shall consist of seven members. Such board members shall be composed of individuals with knowledge and experience in the technical codes to include, to the greatest extent possible; an architect, an engineer, a lay person, a realtor, a general contractor and an electrical, HVAC, plumbing or any other licensed contractor category. In addition to the regular members, there should be two alternate members with the qualifications referenced above. A board member shall not act in a case in which he has a personal or financial interest.

113.2.2 Terms. The terms of office of the board members shall four years and shall be staggered so no more than one-third of the Board is appointed or replaced in any 12-month period. The two alternates, if appointed, shall serve four-year terms. Vacancies shall be filled for an unexpired term in the manner in which original appointments are required to be made. Three absences of any member from required meetings of the Board shall in a 12 month period, at the discretion of the applicable governing body, render any such member subject to immediate removal from office.

113.2.3 Quorum and voting. A simple majority of the Board shall constitute a quorum. In varying any provision of this code, the affirmative votes of the majority present, but not less than three affirmative votes, shall be required. In modifying a decision of the Building Official, not less than four affirmative votes, but not less than

a majority of the Board, shall be required. In the event that regular members are unable to attend a meeting, the alternate members, if appointed, shall vote.

113.2.4 Secretary of Board. The Building Official or his/her authorized representative shall act as secretary of the board and shall make a detailed record of all of its proceedings, which shall set forth the reasons for its decision, the vote of each member, the absence of a member, and any failure of a member to vote.

113.3 Powers. The Building Board of Adjustments and Appeals shall have the power, as further defined in 113.4, to hear appeals of decisions and interpretations of the Building Official and consider variances of the technical codes.

113.4 Appeals

113.4.1 Decision of the Building Official. The owner of a building, structure or service system, or duly authorized agent, may appeal a decision of the Building Official to the Building Board of Adjustment and Appeals whenever any one of the following conditions are claimed to exist:

1. The Building Official rejected or refused to approve the mode or manner of construction proposed to be followed or materials to be used in the installation or alteration of a building, structure or service system.
2. The provisions of this code do not apply to this specific case.
3. That an equally good or more desirable form of installation can be employed in any specific case, which the building official has rejected or refused.
4. The true intent and meaning of this code or any of the regulations hereunder have been misconstrued or incorrectly interpreted.

113.4.2 Variances. The Building Board of Adjustments and Appeals, when upon written request, has been so appealed to and after a hearing, may vary the application of any provision of this code to any particular case when, in its opinion, the enforcement thereof would do manifest injustice and would be contrary to the spirit and purpose of this or the technical codes or public interest, and also finds all of the following:

1. That special conditions and circumstances exist which are peculiar to the building, structure or service system involved and which are not applicable to others.
2. That the special conditions and circumstances do not result from the action or inaction of the applicant.
3. That granting the variance requested will not confer on the applicant any special privilege that is denied by this code to other buildings, structures or service system.
4. That the variance granted is the minimum variance that will make possible the reasonable use of the building, structure or service system.
5. That the grant of the variance will be in harmony with the general intent and purpose of this code and will not be detrimental to the public health, safety and general welfare.

113.4.2.1 Conditions of the variance. In granting the variance, the Board may prescribe a reasonable time limit within which the action for which the variance is required shall be commenced or completed or both. In addition, the Board may

prescribe appropriate conditions and safeguards in conformity with this code. Violation of the conditions of a variance shall be deemed a violation of this code.

113.4.3 Notice of appeal. Notice of appeal shall be in writing and filed within 30 calendar days after the Building Official renders the decision. Appeals shall be in a form acceptable to the Building Official.

113.4.4 Unsafe or dangerous buildings or service systems. In the case of a building, structure or service system, which in the opinion of the Building Official is unsafe, unsanitary or dangerous, the Building Official may, in the order, limit the time for such appeals to a shorter period.

113.5 Procedures of the Board.

113.5.1 Rules and regulations. The Board shall establish rules and regulations for its own procedure not inconsistent with the provisions of this code. The Board shall meet on call of the Chairman. The Board shall meet within 30 calendar days after notice of appeal has been received.

113.5.1.1 Rules of evidence. Formal rules of evidence shall not apply, but fundamental due process should be observed and govern the proceedings. Upon determination by the Chairperson, irrelevant, immaterial or unduly repetitious evidence may be excluded, but all other evidence of a type commonly relied upon by reasonable, prudent persons in the conduct of their affairs shall be admissible, whether or not such evidence would be admissible in a trial in the courts of Florida. Any part of the evidence may be received in written form. The Board may request certain evidence be provided by an architect or engineer registered in the State of Florida, in which case said evidence shall be signed, sealed, and dated.

113.5.1.2 Testimony. Any member of the Board or the attorney representing the Board may inquire of, or question, any witness before the Board. Any member of the Board, the petitioner or his/her attorney, and/or the Building Official shall be permitted to inquire of any witness before the Board. The Board may consider testimony presented by the Building Official, the petitioner, or any other witness.

113.5.2 Decisions. The Building Board of Adjustment and Appeals shall, in every case, reach a decision without unreasonable or unnecessary delay. Each decision of the Board shall also include the reasons for the decision. If a decision of the Board reverses or modifies a refusal, order, or disallowance of the Building Official or varies the application of any provision of this code, the Building Official shall immediately take action in accordance with such decision. Every decision shall be promptly filed in writing in the office of the Building Official and shall be open to public inspection. A certified copy of the decision shall be sent by mail or otherwise to the appellant and a copy shall be kept publicly posted in the office of the Building Official for two weeks after filing. Every decision of the Board shall be final; subject however to such remedy as any aggrieved party might have at law or in equity.

113.6 Local Construction Regulation Board. The local government may also utilize this Board to convene as the Local Construction Regulation Board (LCRB), as provided in Florida Statute 489.113. The LCRB may deny, suspend, revoke or limit the authority of a certified contractor to obtain a building permit or permit with specific conditions, if the LCRB

has found such contractor, through public hearing, to be guilty of fraud or a willful building code violation within the county or municipality that the LCRB represents. The LCRB may also, deny, suspend, revoke or limit the authority of a certified contractor to obtain a building permit or permit with specific conditions, if it has proof through the public hearing process, that a contractor has been found guilty in another county or municipality within the past 12 months, of fraud or a willful building code violation and after providing notice of an opportunity to be heard to the contractor, finds that such fraud or violation would have been fraud or a violation if committed in the county or municipality that the LCRB represents. Notification of and information concerning such permit denial shall be submitted to the division within 15 days after the LCRB decides to deny the permit.

SECTION 114 VIOLATIONS

Any person, firm, corporation or agent who shall violate a provision of this code, or fail to comply therewith, or with any of the requirements thereof, or who shall erect, construct, alter, install, demolish or move any structure, electrical, gas, mechanical or plumbing system, or has erected, constructed, altered, repaired, moved or demolished a building, structure, electrical, gas, mechanical or plumbing system, without full compliance with applicable codes, laws, ordinances, rules and regulations, shall be guilty of a misdemeanor. Each such person shall be considered guilty of a separate offense for each and every day or portion thereof during which any violation of any of the provisions of applicable codes, laws, ordinances, rules and regulations is committed or continued, and upon conviction of any such violation such person shall be punished within the limits and as provided by state laws. Nothing in this section shall prevent the authority having jurisdiction from imposing fines, liens, or seek injunction relief, or exercising other enforcement powers as permitted by law. Code enforcement and penalties of 162 *Florida Statutes* Part I shall be authorized if building work begins without payment of all required fees, and for the purposes of enforcing this code, code officials licensed under Florida Statute 468 Part XII are deemed "Code Inspectors", as defined in Florida Statute 162.04.

SECTION 115 STOP WORK ORDER

115.1 Stop work orders. Upon notice from the Building Official, work on any building, structure, electrical, gas, mechanical or plumbing system that is being done contrary to the provisions of this code or in a dangerous or unsafe manner, shall immediately cease.

115.2 Issuance. The stop work order shall be in writing and shall be given to the owner of the property involved, or to the owner's agent, or to the person doing the work. Upon issuance of a stop work order, the cited work shall immediately cease. The stop work order shall state the reason for the order, and the conditions under which the cited work will be permitted to resume. Where an emergency exists, the Building Official shall not be required to give a written notice prior to stopping the work.

115.3 Unlawful continuance. Any person who shall continue any work after having been served with a stop work order, except such work as that person is directed to perform to remove a violation or unsafe condition, shall be subject to penalties as prescribed by law.

SECTION 116 UNSAFE STRUCTURES AND EQUIPMENT

116.1 Unsafe buildings or systems. All buildings, structures, electrical, gas, mechanical or plumbing systems which are unsafe, unsanitary, or do not provide adequate egress, or which 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, are considered unsafe buildings or service systems. All such unsafe buildings, structures or service systems are hereby declared illegal and shall be ordered by the Building Official to be abated by the owner, through repair and rehabilitation or by demolition and removal, in accordance with the this Code. The extent of repairs shall be determined by the Building Official.

116.1.1 When the building official determines a building, structure, electrical, gas, mechanical or plumbing system or portion thereof is unsafe, as set forth in this Code he/she shall *provide* the owner, agent or person in control of such building, structure, electrical, gas, mechanical or plumbing system a written notice of *violation* stating the defects thereof. This notice shall require the owner within a stated time either to complete specified repairs or improvements, or to demolish and remove the building, structure, electrical, gas, mechanical or plumbing system or portion thereof. At the option of the local government, the processes and procedures for code enforcement under *Florida Statute 162* may be utilized to abate a violation under this section. If this statutory method of enforcement is invoked, the building official shall act in the role of code inspector as authorized in Section 113 of this code to initiate enforcement proceedings, and notice shall be in accordance with the provisions of the Statute.

116.1.2 If necessary, the notice shall also require the building, structure, electrical, gas, mechanical, plumbing systems or portion thereof to be vacated and/or disconnected, and not reoccupied and/or reconnected until the specified repairs and improvements are completed, inspected and approved by the building official. The building official shall post at each entrance to the building a placard stating: THIS BUILDING IS UNSAFE AND ITS USE OR OCCUPANCY HAS BEEN PROHIBITED BY THE BUILDING OFFICIAL. This placard shall remain posted until the required repairs are made or demolition is completed. It shall be unlawful for any person, firm or corporation or its officers, agents, or other servants, to remove the posting without written permission of the building official, or for any person to enter the building, or use the building or system(s) except for the purpose of making the required repairs or of demolishing same.

116.1.3 In case the owner, agent, or person in control cannot be found within the stated time limit, or, if such owner, agent, or person in control shall fail, neglect, or refuse to comply with notice to repair, rehabilitate, or to demolish, and remove said building, structure, electrical, gas, mechanical or plumbing system or portion thereof, the building official, acting as a code inspector, shall notify an enforcement board and request a hearing. In the case of the violation posing a serious threat, and after having ascertained the cost, the building official may take action to cause such building, structure, electrical, gas, mechanical or plumbing system or portion thereof, to be demolished, secured, repaired, or required to remain vacant or unused. Taking such action does not create a continuing obligation on the part of the building official to continue with maintaining such building, structure, or system; or create liability for any damage to the property.

116.1.4 The decision of the building official shall be final in cases of emergency, which, in the opinion of the building official, involve imminent danger to human life or health, or the property of others. He/she shall promptly cause such building, structure, electrical, gas, mechanical or plumbing system or portion thereof to be made safe or cause its removal. For this purpose he/she may at once enter such structure or land on which it stands, or abutting land or structures, with such assistance and at such cost as he may deem necessary. He/she may order the vacating of adjacent structures and may require the protection of the public by appropriate fence or such other means as may be necessary, and for this purpose may close a public or private way.

116.2 Enforcement proceedings; hearings. Violation proceedings and hearings for unsafe structures and equipment will be conducted before the code enforcement board or special magistrate in accordance with the provisions set forth in *Florida Statute 162*. The owner of property that is subject to an enforcement proceeding before an enforcement board, special magistrate, or court is required to make disclosures as outlined in *Florida Statute 162* before a transfer of property, and failure to make the required disclosures creates a presumption of fraud.

116.3 Administrative fines; costs to repair; liens. All costs associated with taking a case before the enforcement board shall be recovered where the jurisdiction prevails. Whenever one of the orders of the enforcement board or the special magistrate has not been complied with by the time set for compliance, for each day thereafter during which each violation continues past the date set for compliance, the enforcement board or the special magistrate may impose a fine. All costs incurred as a result of actions taken per Section 115.1.3 are charged to the violator. A certified copy of an order imposing a fine, or a fine plus repair, and the costs of prosecuting the case, may be recorded in the public records and shall thereafter constitute a lien against the land where the violation exists and upon any other real or personal property owned by the violator. If an order is recorded in the public records pursuant to this subsection, and it has been complied with by the date specified in the order, the enforcement board shall issue an order acknowledging compliance that shall be recorded in the public record. A hearing is not required for the issuance of such a compliance order.

116.4 Appeals. An aggrieved party, including the local governing body, may appeal a final administrative order of the Code Enforcement Board or Special Magistrate. Such an appeal shall not be a hearing de novo but shall be limited to appellate review of the record created before the enforcement board. An appeal shall be filed within 30 days of the execution of the order to be appealed.

SECTION 117 VARIANCES IN FLOOD HAZARD AREAS

117.1 Flood hazard areas. Pursuant to Section 553.73(5), Florida Statutes, the variance procedures adopted in the local floodplain management ordinance shall apply to requests submitted to the Building Official for variances to the provisions of Section 1612.4 of the *Florida Building Code, Building* or, as applicable, the provisions of R322 of the *Florida Building Code, Residential*. This section shall not apply to Section 3109 of the *Florida Building Code, Building*.

**SECTION 118
(RESERVED)**

**SECTION 119
SEVERABILITY**

If any section, subsection, sentence, clause or phrase of this code is for any reason held to be unconstitutional, such decision shall not affect the validity of the remaining portions of this code.

**SECTION 120
WIND SPEEDS**

The City of Greenacres is located entirely within the Wind Borne Debris Region. For *Florida Building Code*, figure 1609A, the City is entirely located within the 170 mph zone. For figure 1609B, the City is located entirely within the 180 mph zone. For figure 1609C, the City is located entirely within the 160 mph zone.

PALMBEACH

Figure 1609C

Ultimate Design Wind Speeds Risk Category I Buildings

BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609. The exact location of wind speed lines shall be established by local ordinance using recognized physical landmarks such as major roads, canals, rivers and lake shores whenever possible.

WIND-BORNE DEBRIS REGION. Areas within hurricane-prone regions located:

1. Within 1 mile (1.61 km) of the coastal mean high water line where the ultimate design wind speed Vult is 130 mph (48 m/s) or greater; or
2. In areas where the ultimate design wind speed Vult is 140 mph (53 m/s) or greater

For Risk Category II buildings and structures and occupancy category III buildings and structures, except health care facilities, the windborne debris region shall be based on Figure 1609A. For occupancy category IV buildings and structures and occupancy category III health care facilities, the windborne debris region shall be based on Figure 1609B.

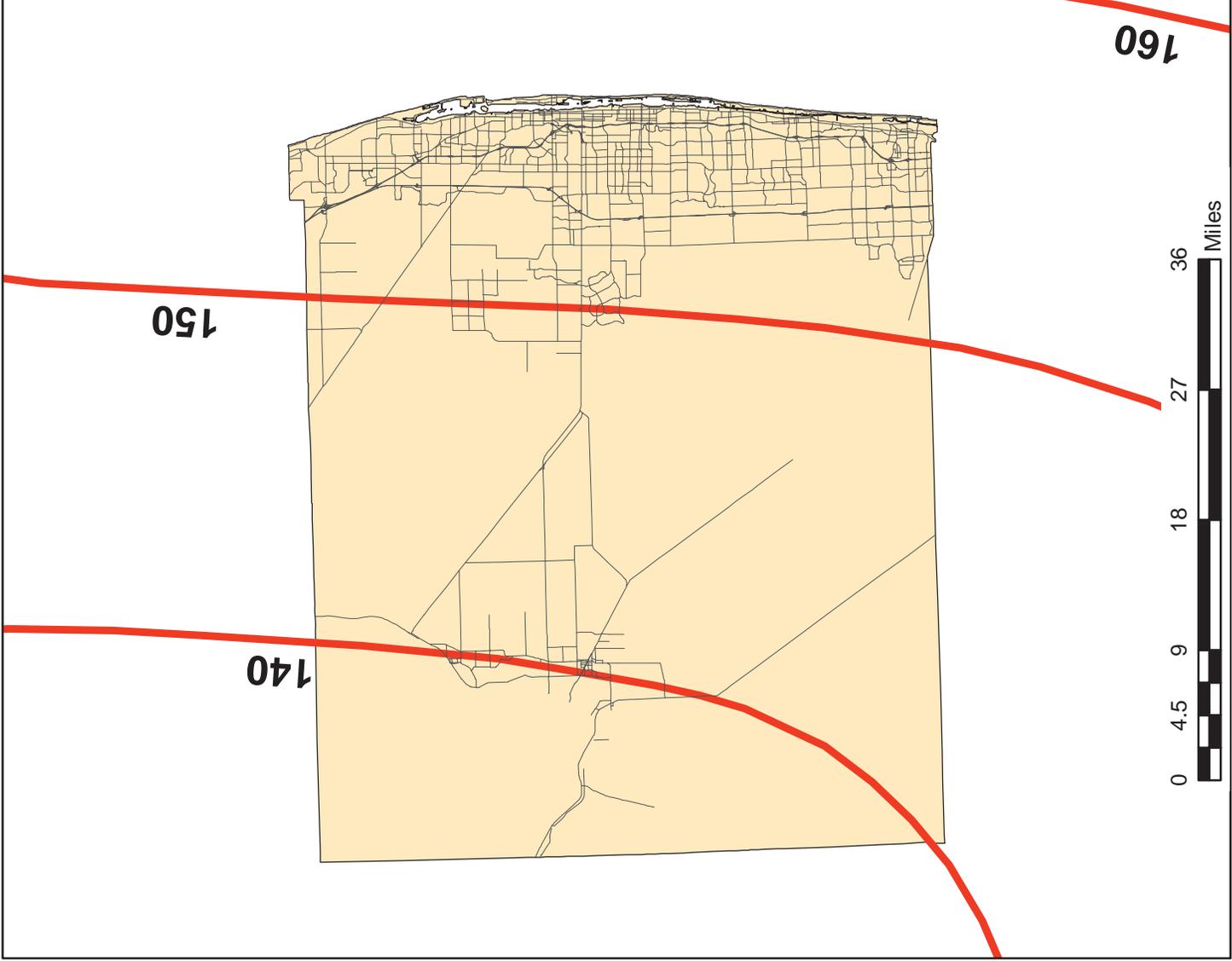
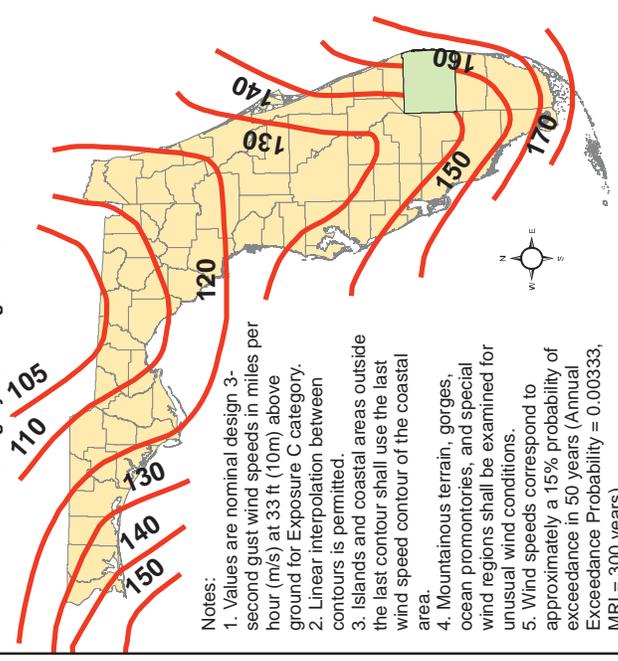


Figure 1609C Ultimate Design Wind Speeds, for Risk Category I Buildings and Other Structures



Notes:

1. Values are nominal design 3-second gust wind speeds in miles per hour (m/s) at 33 ft (10m) above ground for Exposure C category.
2. Linear interpolation between contours is permitted.
3. Islands and coastal areas outside the last contour shall use the last wind speed contour of the coastal area.
4. Mountainous terrain, gorges, ocean promontories, and special wind regions shall be examined for unusual wind conditions.
5. Wind speeds correspond to approximately a 15% probability of exceedance in 50 years (Annual Exceedance Probability = 0.00333, MRI = 300 years).

PALMBEACH

Figure 1609B

Ultimate Design Wind Speeds Risk Category III and IV Buildings

BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609. The exact location of wind speed lines shall be established by local ordinance using recognized physical landmarks such as major roads, canals, rivers and lake shores whenever possible.

WIND-BORNE DEBRIS REGION. Areas within hurricane-prone regions located:

1. Within 1 mile (1.61 km) of the coastal mean high water line where the ultimate design wind speed Vult is 130 mph (48 m/s) or greater; or
2. In areas where the ultimate design wind speed Vult is 140 mph (53 m/s) or greater

For Risk Category II buildings and structures and occupancy category III buildings and structures, except health care facilities, the windborne debris region shall be based on Figure 1609A. For occupancy category IV buildings and structures and occupancy category III health care facilities, the windborne debris region shall be based on Figure 1609B.

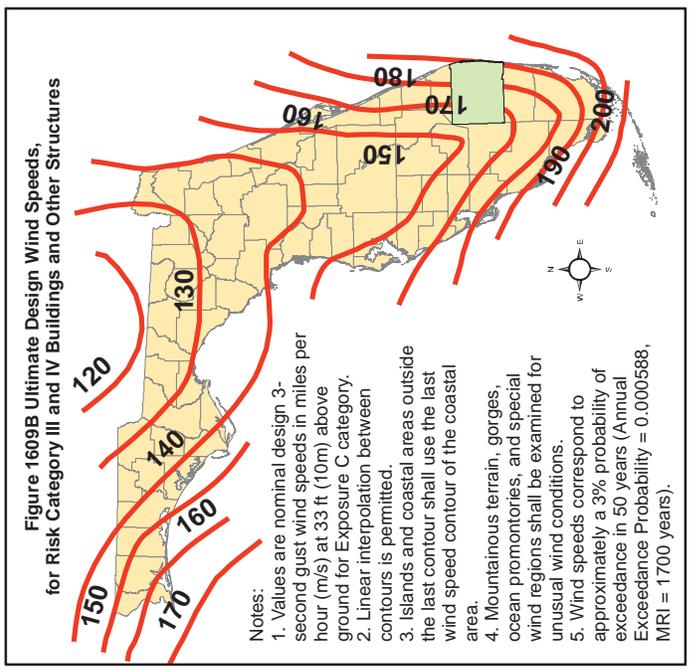
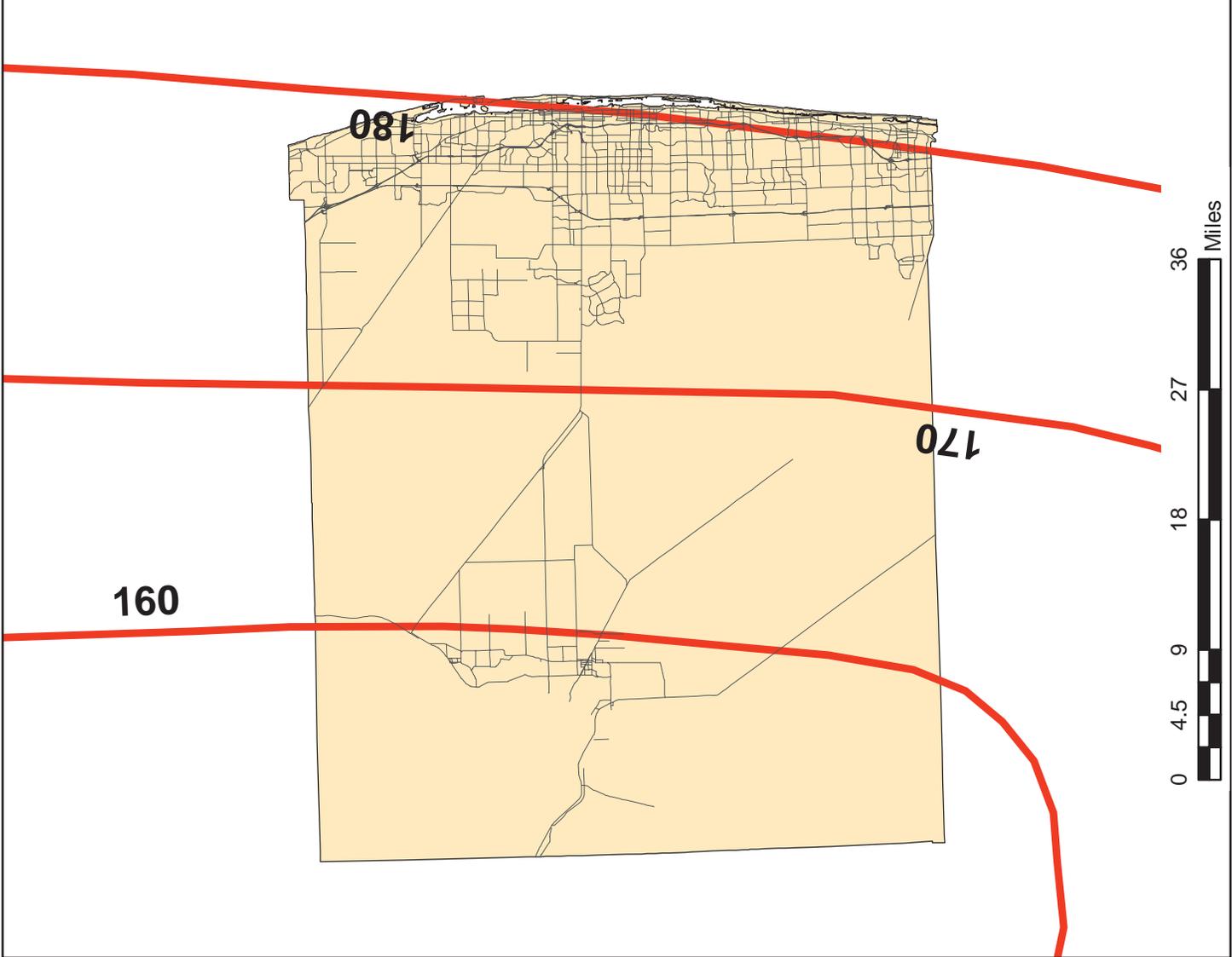


Figure 1609B Ultimate Design Wind Speeds, for Risk Category III and IV Buildings and Other Structures

- Notes:
1. Values are nominal design 3-second gust wind speeds in miles per hour (m/s) at 33 ft (10m) above ground for Exposure C category.
 2. Linear interpolation between contours is permitted.
 3. Islands and coastal areas outside the last contour shall use the last wind speed contour of the coastal area.
 4. Mountainous terrain, gorges, ocean promontories, and special wind regions shall be examined for unusual wind conditions.
 5. Wind speeds correspond to approximately a 3% probability of exceedance in 50 years (Annual Exceedance Probability = 0.000588, MRI = 1700 years).

Sources: Florida Department of Community Affairs, Codes and Standards Division, Applied Research Associates, Inc.; Florida Geographic Data Library

PALMBEACH

Figure 1609A

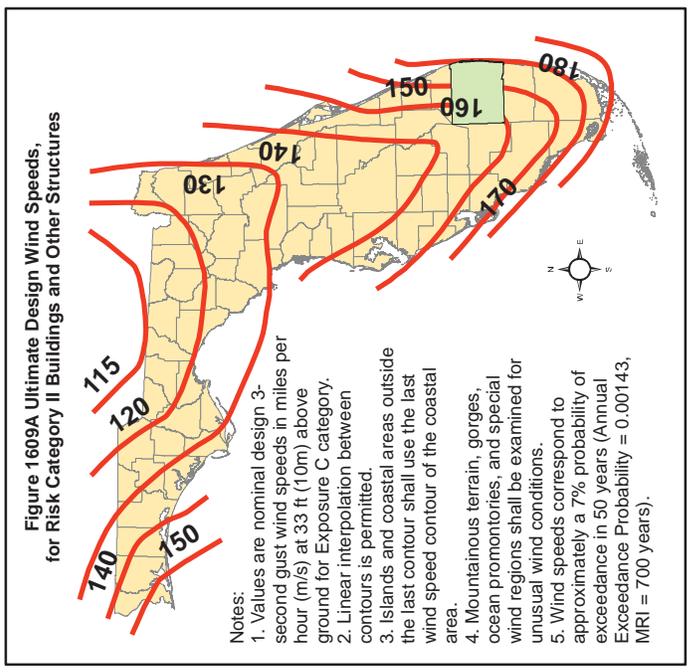
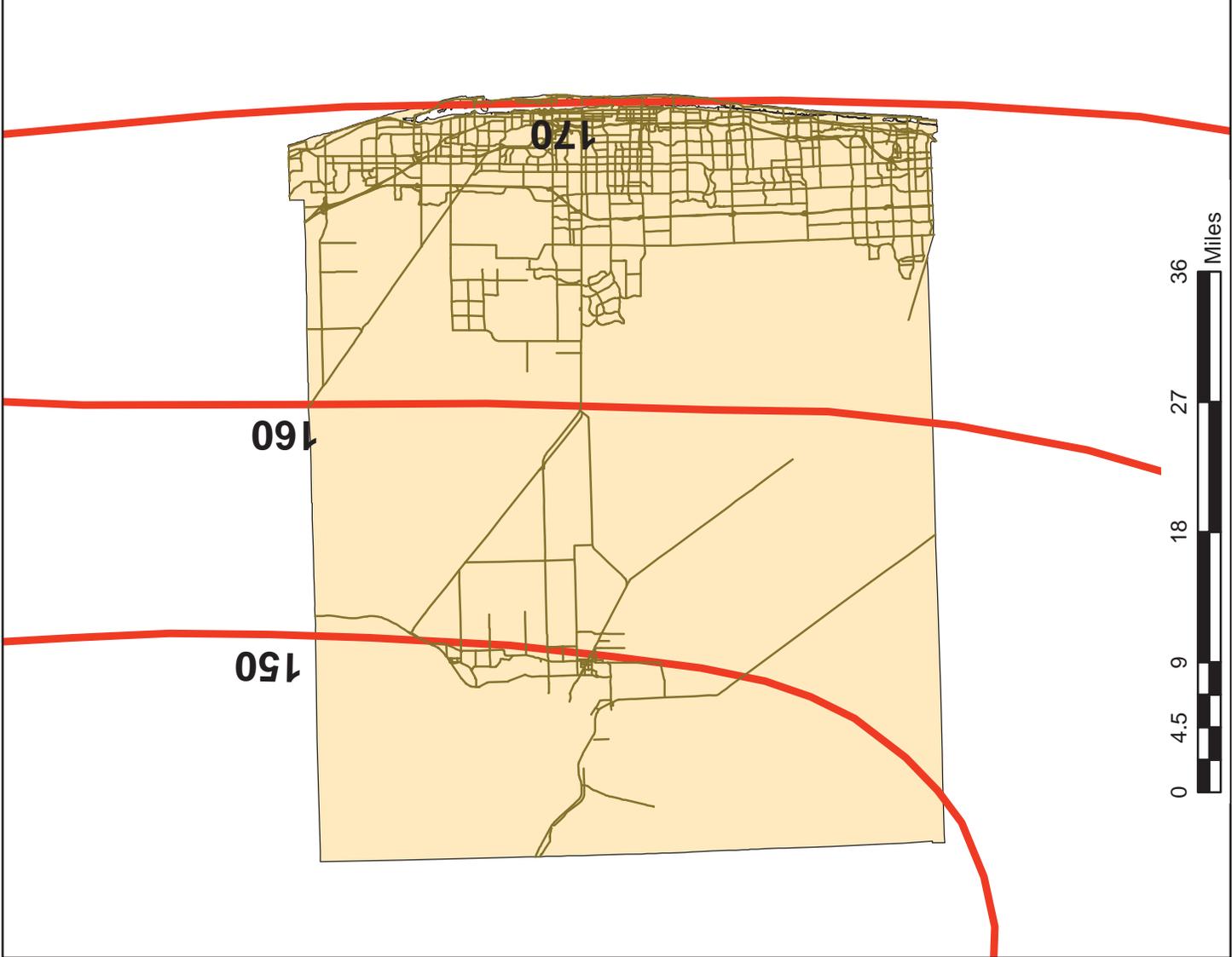
Ultimate Design Wind Speeds Risk Category II Buildings

BASIC WIND SPEED. The basic wind speed in miles per hour, for the development of wind loads, shall be determined from Figure 1609. The exact location of wind speed lines shall be established by local ordinance using recognized physical landmarks such as major roads, canals, rivers and lake shores whenever possible.

WIND-BORNE DEBRIS REGION. Areas within hurricane-prone regions located:

1. Within 1 mile (1.61 km) of the coastal mean high water line where the ultimate design wind speed Vult is 130 mph (48 m/s) or greater; or
2. In areas where the ultimate design wind speed Vult is 140 mph (53 m/s) or greater

For Risk Category II buildings and structures and occupancy category III buildings and structures, except health care facilities, the windborne debris region shall be based on Figure 1609A. For occupancy category IV buildings and structures and occupancy category III health care facilities, the windborne debris region shall be based on Figure 1609B.



- Notes:**
1. Values are nominal design 3-second gust wind speeds in miles per hour (m/s) at 33 ft (10m) above ground for Exposure C category.
 2. Linear interpolation between contours is permitted.
 3. Islands and coastal areas outside the last contour shall use the last wind speed contour of the coastal area.
 4. Mountainous terrain, gorges, ocean promontories, and special wind regions shall be examined for unusual wind conditions.
 5. Wind speeds correspond to approximately a 7% probability of exceedance in 50 years (Annual Exceedance Probability = 0.00143, MRI = 700 years).

Sources: Florida Department of Community Affairs, Codes and Standards Division; Applied Research Associates, Inc.; Florida Geographic Data Library