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AN ORDINANCE OF THE CITY OF MARCO ISLAND, FLORIDA, AMENDING CHAPTER 6, "BUILDINGS AND **ARTICLE** IV. REGULATIONS." BUILDING "ADMINISTRATIVE CONSTRUCTION CODE," OF THE CODE OF ORDINANCES OF THE CITY OF MARCO ISLAND BY REPEALING SECTION 6-111, ENTIRETY, AND ENACTING A NEW SECTION 6-111, **ESTABLISHING** THE CITY OF **MARCO** ADMINISTRATIVE CONSTRUCTION CODE, WITH SAID ADMINISTRATIVE CONSTRUCTION CODE ACTING AS THE ADMINISTRATIVE CHAPTER (CHAPTER 1) OF THE **FLORIDA** BUILDING CODE. AS REFERENCED: ADOPTING CHAPTER 1 OF THE 8TH EDITION (2023) OF THE FLORIDA BUILDING CODE WITH AMENDMENTS; INCORPORATION. REPEALER. PROVIDING FOR CONFLICT AND SEVERABILITY: AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, Article VIII of the State Constitution and Chapter 166, Florida Statutes provide that municipalities shall have the governmental, corporate, and proprietary powers to enable them to conduct municipal government, perform municipal functions, and render municipal services, and may exercise any power for municipal purposes, except when expressly prohibited by law; and

WHEREAS, Section 553.73(4)(a), Florida Statutes, authorizes Florida municipalities to make local amendments to its building codes, provided they are no less stringent than the minimum standards described in the Florida Building Code; and

WHEREAS, the City of Marco Island desires to provide for a single ordinance for the administration of the Florida Building Code 8th Edition (2023), enforced by the City of Marco Island.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF MARCO ISLAND:

Section 1. Recitals. The foregoing "WHEREAS" clauses are true and correct and reflective of the legislative intent underlying this Ordinance and are hereby ratified and made a specific part of this Ordinance.

Section 2. That Chapter 6, "Buildings and Building Regulations," Article IV, "Administrative Construction Code," of the City of Marco Island Code of Ordinances, be, and the same is hereby amended by repealing Section 6-111, "Administration Chapter of Florida Building Code adopted; amendments," in its entirety, and enacting a new Section 6-111, "Administration Chapter of Florida Building Code adopted; amendments," to be

referenced as the City of Marco Island's Chapter 1, Administration, of the Florida Building Code, 8th edition (2023) to read as follows:

Sec. 6-111. - Administration chapter of Florida Building Code adopted, amendments.

- a) Adoption. There is hereby adopted by reference, Chapter 1, Administration, of the Florida Building Code, 8th edition (2023), as the administrative provisions of the Florida Building Code, enforced by the City of Marco Island.
- b) Amendment. That Chapter 1, Administration of the Florida Building Code, 8th edition (2023), is adopted in this section and is hereby amended by local amendment to read as follows:

CHAPTER 1 SCOPE AND ADMINISTRATION

PART 1—SCOPE AND APPLICATION 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*, relocation, 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:

 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 not more than three stories above grade plane in height, shall comply with this Code or the Florida Building Code, Residential.

2. Code requirements that address snow loads and earthquake protection shall not be utilized or enforced.

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

101.2.2 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 provide a reasonable level of safety, public health 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 a reasonable level of safety to fire fighters 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, plan review or 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. This 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.
- <u>101.4 Referenced codes.</u> The other codes listed in Sections 101.4.1 through 101.4.9 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.
- <u>101.4.3 Plumbing</u>. 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. The provisions of the *International Property Maintenance Code* shall apply to existing structures and premises; equipment and facilities; light, ventilation, space heating, sanitation, life and fire safety hazards; responsibilities of owners, operators and occupants; and occupancy of existing premises and structures.
- 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, *automatic sprinkler systems* 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 Existing buildings. The provisions of the *Florida Building Code, Existing Building* shall apply to matters governing the *repair, alteration*, change of occupancy, addition to and relocation of existing buildings.
 - 101.4.8 Accessibility. For provisions related to accessibility, refer to the *Florida Building Code*, *Accessibility*.
 - 101.4.9 Manufactured buildings. For additional administrative and special code requirements, see Section 458, Florida Building Code, Building, and Rule 61-41 F.A.C.

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 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 the *Florida Building Code, Existing Building.* The following buildings, structures and facilities 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) <u>Building and structures specifically regulated and preempted by the federal government.</u>
 - (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 II (Sections 553.501-553.513, Florida Statutes) relating to accessibility by persons with disabilities shall apply to such mobile or modular structures. Permits shall be required for structural support and tie-down, electric supply and all other such utility connections 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, which are directly involved in the generation, transmission, or distribution of electricity.
- (g) <u>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.</u>
- (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 nonwood features.
- (i) Family mausoleums not exceeding 250 square feet (23 m²) 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:
 - Is not rented or leased or used as a principal residence;
 - Is not located within the 100-year flood plain 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.
- (1) A drone port as defined in f.s. 330.41(2).
- 102.2.1 In addition to the requirements of Sections 553.79 and 553.80, Florida Statutes, facilities subject to the provisions of Chapter 395, Florida Statutes, and Part II of Chapter 400, Florida Statutes, 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 Part II 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 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 *Florida Building Code, Building* for all residential buildings or structures of the same occupancy class.
- 102.2.3 The building official shall apply the same standard to a moved residential building or structure as that applied 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.
- <u>102.2.5</u> Each enforcement district or local enforcement agency 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. Addition, alteration, or repairs performed by the property owner upon his or her own property, provided any addition, alteration or repair shall not exceed 1,000 square feet (93 m²) or the square footage of the primary structure, whichever is less.
 - b. Addition, alteration, or repairs by a nonowner within a specific cost limitation set by rule, provided the total cost shall not exceed \$5,000 within any 12-month period.
 - c. Building plans review and inspection fees.
 - 2. However, the exemptions under subparagraph 1 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.
 - Each code exemption, as defined in sub-subparagraphs 1a, 1b, and 1c 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.
- 102.2.6 This section 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.

- <u>102.3 Application of references.</u> 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.
- <u>102.4.1 Conflicts</u>. 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.
- <u>102.5 Partial invalidity</u>. 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 otherwise specifically provided in this code, the Florida Building Code, Existing Building, International Property Maintenance Code or the Florida Fire Prevention Code.
- 102.6.1 Buildings not previously occupied. A building or portion of a building that has not been previously occupied or used for its intended purpose in accordance with the laws in existence at the time of its completion shall comply with the provisions of the *Florida Building Code*, *Building* or *Florida Building Code*, *Residential*, as applicable, for new construction or with any current *permit* for such occupancy.
- 102.6.2 Buildings previously occupied. The legal occupancy of any building existing on the date of adoption of this code shall be permitted to continue without change, except as otherwise specifically provided in this code, the Florida Fire Prevention Code, International Property Maintenance Code 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

338	1, 2002), the wind speed map of the Standard Building Code shall be
339	applicable. If the existing building was manufactured in compliance with the
340	Florida Building Code (on or after March 1, 2002), the wind speed map of the
341	Florida Building Code shall be applicable.
342	(3) A relocated building shall comply with the flood hazard area requirements of
343	the new location, if applicable.
344	
345	102.8 Existing mechanical equipment. An agency or local government may not
346	require that existing mechanical equipment located on or above the surface of a roof
347	be installed in compliance with the requirements of the Florida Building Code except
348	during reroofing when the equipment is being replaced or moved and is not in
349	compliance with the provisions of the Florida Building Code relating to roof-mounted
350	mechanical units.

PART 2—ADMINISTRATION AND ENFORCEMENT SECTION 103 DEPARTMENT OF BUILDING SAFETY

- 103.1 Creation of enforcement agency. The Department of Building Safety is hereby created and the official in charge thereof shall be known as the building official.
- **103.2 Appointment.** The *building official* shall be appointed by the chief appointing authority of the jurisdiction.
- 103.3 Deputies. In accordance with the prescribed procedures of this jurisdiction and with the concurrence of the appointing authority, the *building official* shall have the authority to appoint a deputy *building official*, the related technical officers, inspectors, plan examiners and other employees. Such employees shall have powers as delegated by the *building official*.

For the maintenance of existing properties, see the International Property Maintenance Code.

SECTION 104 DUTIES AND POWERS OF 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 and structures, inspect the premises for which such permits have been issued and enforce compliance with the provisions of this

code.

- 104.2.1 Determination of substantially improved or substantially damaged existing buildings and structures in flood hazard areas. For applications for reconstruction, rehabilitation, repair, alteration, addition or other improvement of existing buildings or structures located in flood hazard areas, the building official shall determine if the proposed work constitutes substantial improvement or repair of substantial damage. Where the building official determines that the proposed work constitutes substantial improvement or repair of substantial damage, and where required by this code, the building official shall require the building to meet the requirements of Section 1612 or R322 of the Florida Building Code, Residential, as applicable.
- 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 when inspecting structures or premises in the performance of duties under this code.
- 104.6 Right of entry. Where it is necessary to make an inspection to enforce the provisions of this code, or where the *building official* has reasonable cause to believe that there exists in a structure or upon a premises a condition which is contrary to or in violation of this code which makes the structure or premises unsafe, dangerous or hazardous, the *building official* is authorized to enter the structure or premises at reasonable times to inspect or to perform the duties imposed by this code, provided that if such structure or premises be occupied that credentials be presented to the occupant and entry requested. If such structure or premises is unoccupied, the *building official* shall first make a reasonable effort to locate the owner or other person having charge or control of the structure or premises and request entry. If entry is refused, the *building official* shall have recourse to the remedies provided by law to secure entry.
- 104.7 Department 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 the duties required by this code or other

pertinent law or ordinance, shall not thereby be civilly or criminally 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 because of an act performed by that officer or employee 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.

104.8.1 Legal defense. Any suit or criminal complaint instituted against an officer or employee because of an act performed by that officer or employee in the lawful discharge of duties and under the provisions of this code shall be defended by legal representatives 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.

<u>104.9 Approved materials and equipment.</u> Materials, equipment and devices <u>approved</u> by the <u>building official</u> shall be constructed and installed in accordance with <u>such approval.</u>

<u>104.9.1 Used materials and equipment.</u> The use of used materials that 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 department of building safety.

104.10.1 Flood hazard areas. The building official shall coordinate with the floodplain administrator to review requests submitted to the building official that seek approval to modify the strict application of the flood resistant construction requirements of the Florida Building Code to determine whether such requests require the granting of a variance pursuant to Section 117.

 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 alternative meets all of the following:

- 1. The alternative material, design or method of construction is satisfactory and complies with the intent of the provisions of this code, 2. The material, method or work offered is, for the purpose intended, not less than the equivalent of that prescribed in this code as it pertains to the following: 2.1. Quality. 2.2. Strength. 2.3. Effectiveness. 2.4. Fire resistance.
 - 2.5. Durability.
 - 2.6. Safety.

Where the alternative material, design or method of construction is not approved, the building official shall respond in writing, stating the reasons why the alternative was not approved.

- 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 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 other technical codes, shall be determined by the building official.

SECTION 105 PERMITS

- 105.1 Required. Any owner or owner's authorized agent 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 or plumbing system, the installation of which is regulated by this code, or to cause any such work to be performed, 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 site 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 Facility *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.
- 105.1.3 Food permit. In accordance with 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 management ordinance*. *Permits* shall not be required for the following:

Electrical:

- Repairs and maintenance: Minor repair work, including the replacement of lamps or the connection of approved portable electrical equipment to approved permanently installed receptacles.
- 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.
- 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:

- 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.
- 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 that 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 (0.75 kW) 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 pro- vided 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.
- 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*.
- 105.2.2 Minor repairs. Ordinary minor repairs 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 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 therefor 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 Sections 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*.

Effective October 1, 2017, a local enforcement agency shall post each type of building permit application on its website. Completed applications must be able to be submitted electronically to the appropriate building department. Accepted methods of electronic submission include, but are not limited to, e-mail submission of applications in portable document format or submission of applications through an electronic fill-in form available on the building department's website or through a third-party submission management software. Payments, attachments, or drawings required as part of the application may be submitted in person in a nonelectronic format, at the discretion of the building official.

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 therefor. 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 any 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 new fire protection system of 49 or fewer sprinklers; may design the alteration of an existing fire sprinkler system if the alteration consists of the relocation, addition or deletion of 249 or fewer sprinklers and the addition of up to 49 sprinklers, as long as the cumulative total number of fire sprinklers being added, relocated, or deleted does not exceed 249, notwithstanding the size of the existing fire sprinkler system; or may design the alteration of an existing fire sprinkler system if the alteration consists of the relocation or deletion of 249 or fewer sprinklers, notwithstanding the size of the existing fire sprinkler system, if there is no change of occupancy of the affected areas, as defined in this Code and the Florida Fire Prevention Code, and there is no change in the water demand as defined in NFPA 13, "Standard for the Installation of Sprinkler Systems," and if the occupancy hazard classification as defined in NFPA 13 is reduced or remains the same as a result of the alteration.

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.

Exception:

Simplified permitting processes.

- (1) As used in this section, the term:
 - (a) "Component" means valves, fire sprinklers, escutcheons, hangers, compressors, or any other item deemed acceptable by the local enforcing agency. For purposes of this paragraph, a valve does not include pressure-regulating, pressure-reducing, or pressure-control valves.
- (b) "Contractor" means a person who:
- 1. 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; or
 - 2. Is qualified to engage in the business of fire protection system contracting pursuant to a license or certificate issued by the State Fire Marshal.
- (c) "Fire alarm system project" means a fire alarm system alteration of a total of 20 or fewer initiating devices and notification devices, or the installation or replacement of a fire communicator connected to an existing fire alarm control panel in an existing commercial, residential, apartment, cooperative, or condominium building.
 - (d) "Fire sprinkler system project" means a fire protection system alteration of a total of 20 or fewer fire sprinklers in which the sprinklers are of the same K-factor and located in spaces where there is no change of hazard classification or increased system coverage area, or the installation or replacement of an equivalent fire sprinkler system component in an existing commercial, residential, apartment, cooperative, or condominium building. For purposes of this paragraph, a component is equivalent if the component has the same or better characteristics, including electrical, hydraulic, pressure losses, and required listings and spacing as the component being replaced.
- (2)(a) A local enforcement agency may require a contractor, as a condition of obtaining a *permit* for a fire alarm system project or fire sprinkler system project, to submit a completed application and payment.
- (b) A local enforcement agency may not require a contractor to submit plans or specifications as a condition of obtaining a permit for a fire alarm system project or fire sprinkler system project.
- (3) A local enforcement agency must issue a *permit* for a fire alarm system project or fire sprinkler system project in person or electronically.
- (4) A local enforcement agency must require at least one inspection of a fire alarm system project or fire sprinkler system project to ensure compliance with applicable codes and standards. If a fire alarm system project or fire sprinkler system project fails an inspection, the contractor must take corrective action as necessary to pass inspection.
- (5) (a) For a fire sprinkler alarm system project, a contractor must keep a copy of

the plans and specifications at the fire alarm system project worksite and make such plans and specifications available to the inspector at each inspection.

- (b) For a fire sprinkler system project to alter an existing fire protection system, a contractor must keep a copy of the plans and specifications at the fire sprinkler system project worksite and make such plans and specifications available to the inspector at each inspection.
- (c) For a fire sprinkler system project to install or replace a component, a contractor must keep a copy of the manufacturer's installation instructions and any pertinent testing instructions needed to certify or accept the component at the fire sprinkler system project worksite and make such documents available to the inspector at each inspection.
- 5. Electrical documents. See *Florida Statutes* 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*.

105.3.1.3 Reviewing application for building permit.

- 1. When reviewing an application for a building *permit*, a local government may not request additional information from the applicant more than three times, unless the applicant waives such limitation in writing.
- 2. If a local government requests additional information from an applicant and the applicant submits the requested additional information to the local government within 30 days after receiving the request, the local government must, within 15 days after receiving such information:
 - a. Determine if the application is properly completed;
 - b. Approve the application:
 - c. Approve the application with conditions;
 - d. Deny the application: or
 - e. Advise the applicant of information, if any, that is needed to deem the application properly completed or to determine the sufficiency of the application.
- 3. If a local government makes a second request for additional information from the applicant and the applicant submits the requested additional information to the local government within 30 days after receiving the request, the local government must, within 10 days after receiving such information:
 - a. Determine if the application is properly completed;
 - b. Approve the application;

- c. Approve the application with conditions;
- d. Deny the application; or

- e. Advise the applicant of information, if any, that is needed to deem the application properly completed or to determine the sufficiency of the application.
- 4. Before a third request for additional information may be made, the applicant must be offered an opportunity to meet with the local government to attempt to resolve outstanding issues. If a local government makes a third request for additional information from the applicant and the applicant submits the requested additional information to the local government within 30 days after receiving the request, the local government must, within 10 days after receiving such information unless the applicant waived the local government's limitation in writing, determine that the application is complete and:
 - a. Approve the application;
 - b. Approve the application with conditions; or
 - c. Deny the application.
- 5. If the applicant believes the request for additional information is not authorized by ordinance, rule, statute, or other legal authority, the local government, at the applicant's request, must process the application and either approve the application, approve the application with conditions, or deny the application.
- 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 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days 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, 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 therefor 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.
- <u>105.3.5 Identification of minimum premium policy</u>. 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 Sections 440.10 and 440.38, *Florida Statutes*.
- 105.3.6 Asbestos removal. 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 in this paragraph. 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 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 Business and Professional Regulation.

105.3.8 A local government may not require a contract between a builder and an owner for the issuance of a building *permit* or as a requirement for the submission of a building *permit* application.

105.3. 9 Public right of way. A permit shall not be given by the building official for the construction of any building, or for the alteration of any building where said building is to be changed and such change will affect the exterior walls, bays, balconies, or other appendages or projections fronting on any street, alley or public lane, or for the placing on any lot or premises of any building or structure removed from another lot or premises, unless the applicant has received a right of way permit from the authority having jurisdiction over the street, alley or public lane.

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 ordinance of the jurisdiction. Permits presuming to give authority to violate or cancel the provisions of this code or other ordinances of the jurisdiction 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 ordinance of this jurisdiction.

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* covering the proposed construction shall be obtained before proceeding with the work.

 105.4.1.2 If a new *permit* is not obtained within 180 days 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 180 days. 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.

<u>105.4.1.4</u> The fee for renewal reissuance and extension of a *permit* shall be set forth by the administrative authority.

105.4.1.5 After the local enforcing agency issues a permit, the local enforcing agency may not make or require any substantive changes to the plans or specifications except changes required for compliance with the Florida Building Code, the Florida Fire Prevention Code, or the Life Safety Code, or local amendments thereto. If a local enforcing agency makes or requires substantive changes to the plans or specifications after a permit is issued, the local enforcing agency must 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 the information to the permitholder in writing.

105.5 Expiration. Every permit issued shall become invalid unless the work on the site authorized by such permit is commenced within 180 days after its issuance, or if the work authorized on the site by such permit holder and property owner shall be responsible to either complete all work in accordance with the permitted plans and inspection or remove any partially completed work in a safe and code compliant

manner. The *building official* is authorized to grant, in writing, one or more extensions of time, for periods not more than 180 days each. The extension shall be requested in writing and justifiable cause demonstrated as determined by the *building official*.

- 105.5.1 Additional options for closing a permit. Pursuant to Section 553.79(15), Florida Statutes, a property owner, regardless of whether the property owner is the one listed on the application for the building permit, may close a building permit by complying with the following requirements:
 - 1. The property owner may retain the original contractor listed on the permit or hire a different contractor appropriately licensed in this state to perform the work necessary to satisfy the conditions of the permit and to obtain any necessary inspection in order to close the *permit*. If a contractor other than the original contractor listed on the *permit* is hired by the property owner to close the *permit*, such contractor is not liable for any defects in the work performed by the original contractor and is only liable for the work that he or she performs.
 - 2. The property owner may assume the role of an owner-builder, in accordance with Sections 489.103(7) and 489.503(6), Florida Statutes.
 - 3. If a building *permit* is expired and its requirements have been substantially completed, as determined by the local enforcement agency, the *permit* may be closed without having to obtain a new building *permit*, and the work required to close the *permit* may be done pursuant to the building code in effect at the time the local enforcement agency received the application for the *permit*, unless the contractor has sought and received approval from the local enforcement agency for an alternative material, design or method of construction.
 - 4. A local enforcement agency may close a building permit 6 years after the issuance of the permit, even in the absence of a final inspection, if the local enforcement agency determines that no apparent safety hazard exists.

 For purposes of this section, the term "close" means that the requirements of the permit have been satisfied.
- 105.5.2 For the purposes of this subsection, a *closed permit* shall mean a *permit* for which all requirements for completion have been satisfied or a *permit* that has been administratively closed by the *building official*.
- 105.5.3 For the purposes of this subsection, an open permit shall mean a permit that has not satisfied all requirements for completion as defined in 105.5.1.1.
- 105.6 Denial or revocation. 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 Pursuant to Section 553.79(16), Florida Statutes, a local enforcement agency may not deny issuance of a building *permit* to; issue a notice of violation to; or fine, penalize, sanction or assess fees against an arm's-length purchaser of a property for value solely because a building *permit* applied for by a previous owner of the property was not closed. The local enforcement agency shall maintain all rights and remedies against the property owner and contractor listed on the *permit*.

 105.6.2 Pursuant to Section 553.79(16), Florida Statutes, a local enforcement agency may not deny issuance of a building *permit* to a contractor solely because the contractor is listed on other building *permits* that were not closed. A local enforcement agency has the authority to deny a new *permit* application from an applicant for other reasons.

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. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. 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.

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, providing a 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.

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.

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.104 .105 105.12 Work starting before *permit* issuance. Upon 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.

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.

105.14 Permit issued on basis of an affidavit. 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 supervise such work. In addition, they shall be responsible for conformity to the permit, provide copies of inspection reports as inspections are performed, and upon completion make and file with the building official written affidavit that the work has been done in conformity to the reviewed plans and with the structural provisions of the technical codes. 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 XII of Chapter 468, Florida Statutes.

105.14.1 Affidavits in flood hazard areas. *Permit* issued on basis of an affidavit shall not extend to the flood load and flood resistance requirements of the *Florida Building Code* and the *building official* shall review and inspect those requirements.

105.15 Opening protection. When any activity requiring a building permit, not including roof covering replacement or repair work associated with the prevention of degradation of the residence, 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 structure 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 structure 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: Where defined wind-borne debris regions have not changed, single family

detached residential structures permitted subject to the Florida Building Code are not required to comply with this section.

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(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.

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 s. 161.54, *Florida Statutes* or as defined in the *Florida Building Code*.

structure, or real property that is not directly impacted by the construction,

erection, alteration, modification, repair, or demolition of the building, structure,

- 2. A change of occupancy as defined in the Florida Building Code.
- 3. A conversion from residential to nonresidential or mixed use pursuant to s. 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. <u>Citing any violation inadvertently observed in plain view during the ordinary course of an inspection conducted in accordance with the prohibition in paragraph (a).</u>
 - 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. <u>Inspecting any portion of a building, structure, or real property pursuant to an inspection warrant issued in accordance with ss. 933.20-933.30, Florida Statutes.</u>

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 s. 489.505, Florida Statutes, including video cameras and closed-circuit television systems used to signal or detect a burglary, fire, robbery, or medical emergency, that is hardwired and operating at low voltage, as defined in the National Electrical Code Standard 70, Current Edition, or a new or existing low-voltage electric fence. The term also includes ancillary components or equipment attached to a low-voltage

- alarm system, or low-voltage electric fence, including, but not limited to, home-automation equipment, thermostats, closed-circuit television systems, access controls, battery recharging devices, and video cameras.
- (c) "Low-voltage electric fence" means an alarm system, as defined in s. 489.505, that consists of a fence structure and an energizer powered by a commercial storage battery not exceeding 12 volts which produces an electric charge upon contact with the fence structure.
- (d) "Wireless alarm system" means a burglar alarm system or smoke detector that is not hardwired.
- (2) Notwithstanding any provision of this code, this section applies to all low-voltage alarm system projects for which a permit is required by a local enforcement agency. However, a permit is not required to install, maintain, inspect, replace, or service a wireless alarm system, including any ancillary components or equipment attached to the system.
- (3) A low-voltage electric fence must meet all of the following requirements to be permitted as a low-voltage alarm system project and no further permit shall be required for the low-voltage alarm system project other than as provided in this section:
 - (a) The electric charge produced by the fence upon contact must not exceed energizer characteristics set forth in paragraph 22.108 and depicted in Figure 102 of International Electrotechnical Commission Standard No. 60335-2-76, Current Edition.
 - (b) A nonelectric fence or wall must completely enclose the low-voltage electric fence. The low-voltage electric fence may be up to 2 feet higher than the perimeter nonelectric fence or wall.
 - (c) The low-voltage electric fence must be identified using warning signs attached to the fence at intervals of not more than 60 feet.
 - (d) The low-voltage electric fence shall not be installed in an area zoned exclusively for single- family or multi-family residential use.
 - (e) The low-voltage electric fence shall not enclose the portions of a property which are used for residential purposes.
- (4) This section does not apply to the installation or replacement of a fire alarm if a plan review is required.
- (5) 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 s. 553.793, Florida Statutes. The local enforcement agency may not require the payment of any additional fees, charges, or expenses associated with the installation or replacement of a new or existing alarm.
 - (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.
- (6) 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

1206	(7) A contractor is not required to notify the local enforcement agency before
1207	commencing work on a low-voltage alarm system project. However, a
1208	contractor must submit a Uniform Notice of a Low-Voltage Alarm System
1209	Project as provided under subsection (7) to the local enforcement agency within
1210	14 days after completing the project. A local enforcement agency may take
1211	disciplinary action against a contractor who fails to timely submit a Uniform
1212	Notice of a Low-Voltage Alarm System Project.
1213	(8) The Uniform Notice of a Low-Voltage Alarm System Project may be submitted
1214	electronically or by facsimile if all submissions are signed by the owner, tenant,
1215	contractor, or authorized representative of such persons. The Uniform Notice
1216	of a Low-Voltage Alarm System Project shall be in the format prescribed by the
1217	local enforcement agency and must comply with the requirements of s.
1218	553.793(7), Florida Statutes.
1219	(9) A local enforcement agency may coordinate directly with the owner or customer
1220	to inspect a low-voltage alarm system to ensure compliance with applicable
1221	codes and standards. If a low-voltage alarm system project fails an inspection,
1222	the contractor must take corrective action as necessary to pass inspection.
1223	(10) A municipality, county, district, or other entity of local government may not
1224	adopt or maintain in effect any ordinance or rule regarding a low-voltage alarm
1225	system project that is inconsistent with this section.
1226	(11) A uniform basic permit label shall not be required for the subsequent
1227	maintenance, inspection, or service of an alarm system that was permitted in
1228	accordance with this section.
1229	doordande war and doord.
1230	The provisions of this act are not intended to impose new or additional licensure
1231	requirements on persons licensed in accordance with the applicable provisions
1232	of Chapter 489, Florida Statutes.
1233	or or specification of the spe
1234	SECTION 106
1235	FLOOR AND ROOF DESIGN LOADS
1236	
1237	106.1 Live loads posted. In commercial or industrial buildings, for each floor or
1238	portion thereof designed for live loads exceeding 50 psf (2.40 kN/m²), such design live
1239	loads shall be conspicuously posted by the owner or the owner's authorized agent in
1240	that part of each story in which they apply, using durable signs. It shall be unlawful to
1241	remove or deface such notices.
1242	
1243	106.2 Issuance of certificate of occupancy. A certificate of occupancy required by
1244	Section 111 shall not be issued until the floor load signs, required by Section 106.1,
1245	have been installed.
1246	
1247	106.3 Restrictions on loading. It shall be unlawful to place, or cause or permit to be
1248	placed, on any floor or roof of a building, structure or portion thereof, a load greater
1249	than is permitted by this code.
1250	The state of the s
1251	SECTION 107
1252	SUBMITTAL DOCUMENTS
1253	TOTAL POST MENT OF THE PROPERTY OF THE PROPERT

commencing work on the project.

of special inspections, geotechnical report and other data shall be submitted with each permit application in accordance with Florida Statute 553.79. 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.

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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.

<u>107.2 Construction documents.</u> Construction documents shall be in accordance with Sections 107.2.1 through 107.2.6.

dimensioned and drawn upon suitable material. Electronic media documents are permitted to be submitted where 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.

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 including the path of the exit discharge to the public way 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.

107.2.5 Exterior balcony and elevated walking surfaces. Where balcony or other elevated walking surfaces are exposed to water from direct or blowing rain or irrigation, and the structural framing is protected by an impervious moisture barrier, the construction documents shall include details for all elements of the impervious moisture barrier system. The construction documents shall include manufacturer's installation instructions.

107.2.6 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 where the application for permit is for alteration or repair or where otherwise warranted.

<u>107.2.6.1 Design flood elevations.</u> Where <u>design flood elevations</u> are not specified, they shall be established in accordance with Section 1612.3.1.

107.2.6.2 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.

107.2.7 Structural information. The construction documents shall provide the information specified in Section 1603.

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:

 Building plans approved pursuant to Section 553.77(5), Florida Statutes, and stateapproved 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 and construction at the site are subject to local permitting and inspections. Photocopies of plans approved according to Rule 61-41.009, Florida Administrative Code, 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 approved, 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 law- fully authorized, and the construction of which has been pursued in good faith within 180 days 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. Where it is required that documents be prepared by a registered design professional, the building official shall be authorized to require the owner or the owner's authorized agent 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 or the owner's authorized agent shall designate a successor 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 or owner's authorized agent if the registered design professional in responsible charge is changed or is unable to continue to perform the duties. Successor registered design professional in responsible charge licensed under Chapter 471 Florida Statutes shall comply with Section 471.025(4) Florida Statute and the procedure set forth in 61G15-27.001 Florida Administrative Code; or licensed under Chapter 481 Florida Statutes shall comply with Section 481.221(6) Florida Statute and the procedure set forth in 61G1-18.002 Florida Administrative Code.

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.

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.

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 general 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 489.115(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 and building envelope penetrations; flashing; and rough opening dimensions; and all exterior elevations:

Commercial Buildings:

Building:

1. Site requirements:

<u>Parking</u>

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

451 components: 452 Fire-resistant separations 453 Fire-resistant protection for type of construction 454 Fireblocking and draftstopping and calculated fire resistance 455 Fire suppression systems shall include: 456 Early warning smoke evacuation systems 457 Schematic fire sprinklers 458 Schematic fire sprinklers 459 Standpipes 460 Pre-engineered systems 461 Heis afety systems shall be determined and shall include the following requirements: 462 Cocupant load and egress capacities 463 Early warning 464 Schematic fire sprinklers 465 Early warning 466 Sanoke control 467 Stair pressurization 468 Systems schematic 470 Occupancy load/egress requirements shall include: 469 Occupancy load 470 Occupancy load 471 Gross 473 Wet 475 Exit access 476 Exit discharge 477 Stairs construction/geometry and protection Doors 478 Doors 488 Construction requirements 481 Construction requirements 482 Soil conditions/analysis 484 Soil conditions/analysis 487 Fermite protection 488 Bullding envelope 489 Materials shall be reviewed and shall at a minimum include the following: 499 Wall systems Floor systems 489 Materials shall be reviewed and shall at a minimum include the following: 489 Wall systems Floor systems 489 Materials shall be reviewed and shall at a minimum include the following: 489 Wall systems Floor systems 489 Materials shall be reviewed and shall at a minimum include the following: 489 Wall systems Floor systems 489 Materials shall be reviewed and shall at a minimum include the following: 489 Wall systems Floor systems 489 Materials shall be reviewed and shall at a minimum include the following: 489 Wall systems Floor systems			
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1499 <u>Wood</u>			
		9.	100
Steel Steel			
	1500		<u>Steel</u>

1501		Aluminum
1502		Concrete
1502		
		Plastic
1504		Glass
1505		Masonry Chapter hand alaster insulating (reachesise)
1506		Gypsum board and plaster Insulating (mechanical)
1507 1508		Roofing Insulation
1509		Building envelope portions of the Energy Code (including calculation and
1510		mandatory requirements)
1510	10	Accessibility requirements shall include the following:
1511	10.	Site requirements
1512		
		Accessible route
1514 1515		Vertical accessibility Tailet and bathing facilities
		Toilet and bathing facilities Drinking fountains
1516		<u>Drinking fountains</u>
1517		Equipment Special accuracy requirements
1518		Special occupancy requirements
1519	1.1	Fair housing requirements
1520	11.	Interior requirements shall include the following:
1521		Interior finishes (flame spread/smoke development)
1522		Light and ventilation (including corresponding portion of the energy code)
1523		Sanitation
1524	12.	Special systems:
1525		Elevators
1526		<u>Escalators</u>
1527		<u>Lifts</u>
1528	13.	Swimming pools:
1529		Barrier requirements
1530		Spas
1531	1.4	Wading pools
1532	14.	Location and installation details. The specific location and installation details
1533		of each fire door, fire damper, ceiling damper and smoke damper shall be
1534	Floor	shown and properly identified on the building plans by the designer.
1535	Electr	
1536	1.	Electrical:
1537		Wiring
1538		Services
1539		Feeders and branch circuits
1540		Overcurrent protection
1541		Grounding
1542		Wiring methods and materials
1543		<u>GFCIs</u>
1544		Electrical portions of the Energy Code (including calculation and mandatory
1545		requirements)
1546	2.	Equipment
1547	3.	Special occupancies
1548	4.	Emergency systems
2010	4.	<u>Lineigency systems</u>

1550	6.	Low voltage
551	7.	Load calculations
552	8.	Design flood elevation
1553	Plumi	oing:
1554	1.	Minimum plumbing facilities
1555	2.	Fixture requirements
1556	3.	Water supply piping
1557	4.	Sanitary drainage
1558	5.	Water heaters
1559	6.	<u>Vents</u>
1560	7.	Roof drainage
1561	8.	Back flow prevention
1562	9.	Irrigation
1563	10.	Location of water supply line
1564	11.	Grease traps
1565	12.	Environmental requirements
1566	13.	Plumbing riser
1567		Design flood elevation
1568	15.	Water/plumbing portions of the Energy Code (including calculation and
1569		mandatory requirements)
1570	Mech	anical:
1571	1.	Mechanical portions of the Energy calculations
572	2.	Exhaust systems:
573 574		Clothes dryer exhaust Kitchen equipment exhaust
1575		Specialty exhaust systems
1576	3.	Equipment
1577	4.	Equipment location
1578	5.	Make-up air
1579	6.	Roof-mounted equipment
1580	7.	Duct systems
1581	8.	Ventilation
1582	9.	Combustion air
1583	10.	Chimneys, fireplaces and vents
1584		Appliances
1585		Boilers
1586		Refrigeration
1587	14.	Bathroom ventilation
1588	15.	Laboratory
1589	16.	Design flood elevation
1590	<i>17</i> .	Smoke and/or Fire Dampers
1591	Gas:	
1592	1.	Gas piping
1593	2.	Venting
1594	3.	Combustion air
.595	4.	Chimneys and vents
.596	5.	Appliances

1597	6.	Type of gas
1598	7.	Fireplaces
1599	8.	LP tank location
1600	o. 9.	Riser diagram/shutoffs
1600		Design flood elevation
1602	11.	Gas portions of the Energy Code (including calculation and mandatory
1603	D	requirements)
1604		olition:
1605		Asbestos removal
1606	O	lential (one- and two-family):
1607	1.	Site requirements:
1608		Set back/separation (assumed property lines) Location of septic tanks
1609	2.	Fire-resistant construction (if required)
1610	3.	<u>Fire</u>
1611	4.	Smoke and/or carbon monoxide alarm/detector locations
1612	5.	Egress:
1613		Egress window size and location stairs construction requirements
1614	6.	Structural requirements shall include:
1615		Wall section from foundation through roof, including assembly and materials
1616		connector tables wind requirements structural calculations (if required)
1617		Termite protection
1618		Design loads
1619		Wind requirements
1620		Building envelope
1621		Foundation
1622		Wall systems
1623		Floor systems
1624		Roof systems
1625		Flood hazard areas, flood zones, design flood elevations, lowest floor
1626		elevations, enclosures, equipment, and flood damage- resistant materials
1627	7.	Accessibility requirements:
1628		<u>Show/identify</u>
1629		Accessible bath
1630	8.	Impact resistant coverings or systems
1631	9.	Residential Energy Code submittal (including calculation and mandatory
1632		requirements)
1633		factured buildings/housing:
1634	1.	Site requirements
1635		Setback/separation (assumed property lines)
1636		Location of septic tanks (if applicable)
1637	2.	Structural
1638		Wind zone
1639		<u>Flood</u>
1640		Anchoring
1641		Blocking
1642	3.	Plumbing
1643		List potable water source and meter size (if applicable)

4. Mechanical
Exhaust systems
Clothes dryer exhaust
Kitchen equipment exhaust

5. Electrical exterior disconnect location

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. Reroofs
- 3. Minor electrical, plumbing and mechanical repairs
- 4. Annual maintenance permits
- 5. Prototype plans:

 Except for local site adaptions, siding, foundations and/or modifications.

 Except for structures that require waiver.
- 6. <u>Manufactured buildings plan except for foundations and modifications of buildings on site and as listed above in manufactured buildings/housing.</u>
- <u>107.4 Amended construction documents.</u> Work shall be installed in accordance with the <u>approved construction documents</u>, and any changes made during construction that are not in compliance with the <u>approved construction documents</u> shall be resubmitted for approval as an amended set of <u>construction documents</u>.
- 107.5 Retention of construction documents. One set of approved construction documents shall be retained by the building official for a period of not less than 180 days from date of completion of the permitted work, or as required by state or local laws.
- 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 con-ducting inspections is qualified as a building inspector under Part XII of Chapter 468, Florida Statutes.

107.6.1 Building permits issued in flood hazard areas 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.

107.6.2 Affidavits Provided Pursuant to Section 553.791, Florida Statutes. For a building or structure in a flood hazard area, the building official shall review any affidavit certifying compliance with the flood load and flood-resistant construction requirements of the Florida Building Code.

107.7 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. If the building code administrator, plans examiner, or inspector requests another local enforcing agency employee or a person contracted by the local enforcing agency to review the plans and that employee or person identifies specific plan features that do not comply with the applicable codes, the building code administrator, plans examiner, or inspector must provide this information to the local enforcing agency. The local enforcing agency shall provide this information to the permit applicant.

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 180 days. The building official is authorized to grant extensions for demonstrated cause.

108.2 Conformance. Temporary structures and uses shall comply with the requirements in Section 3103.

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. The applicant for a permit shall provide an estimated permit value at time of application. Permit valuations shall include total value of work, including materials and labor, for which the permit is being issued, such as electrical, gas, mechanical, plumbing equipment and permanent systems. If, in the opinion of the building official, the valuation is underestimated on the application, the permit shall be denied, unless the applicant can show detailed estimates to meet the approval of the building official. 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 necessary permits or without prior approval from the building official as permitted in Section 105.2.2 or 105.12 shall be subject to a fee established by the building official that shall be in addition to the required permit 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 the required permit(s) must be applied for within three (3) business days and any unreasonable delay in obtaining those permit(s) shall result in the charge of a double fee. The payment of a double 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 waive fees when justifiable 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 exposed and provided with access 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 *owner* or the owner's authorized agent to cause the work to remain exposed and provided with access for inspection

.786 .787 purposes. The building official shall be permitted to require a boundary line survey prepared by a Florida licensed professional surveyor and mapper 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 Inspection service. The *building official* may make, or cause to be made, the inspections required by Section 110. He or she may accept reports of department inspectors, independent inspectors or of recognized inspection services, provided that after investigation he/she is satisfied as to their licensure, qualifications and reliability. A certificate required by any provision of this code shall not be based on such reports unless the same are recorded by the building code inspector or the architect or engineer performing building code inspections in a manner specified by the *building official*. The *building official* shall ensure that all persons making such inspections shall be certified in accordance to Chapter 468 Florida Statues; or licensed under Chapter 471 or 481 Florida Statutes.

110.2 Preliminary inspection. 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.

110.3 Required inspections. The building official upon notification from the permit holder or his or her agent shall make the following inspections, or any other such inspection 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.

Building

1. Foundation inspection. To be made after trenches are excavated, any required reinforcing steel is in place, forms erected and shall at a minimum include the following building components:

1826 Stem-wall

Monolithic slab-on-grade

Piling/pile caps

Footers/grade beams

1.1. Slab Inspection: Concrete slab and under-floor inspections shall be made after in-slab or under-floor reinforcing steel and 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.

1.2. A foundation/form board survey prepared and certified by a Florida

1836		licensed professional surveyor and mapper may be required, prior to
837		approval of the slab inspection. The survey shall certify placement of the
838		building on the site, illustrate all surrounding setback dimensions and shall
1839		be available at the job site for review by the building inspector. In lieu of
1840		providing a survey, the contractor may elect to uncover all property line
1841		markers and string-up all property lines in preparation for inspection.
1842		1.3. In flood hazard areas, upon placement of the lowest floor, including
1843		basement, and prior to further vertical construction, the elevation
1844		certification shall be submitted to the building official.
1845	2.	Framing inspection. To be made after the roof, all framing, fireblocking and
1846	2.	bracing is in place, all concealing wiring, all pipes, chimneys, ducts and vents
1847		are complete and the rough electrical, plumbing, heating wires, pipes and ducts
1848		are approved and shall at a minimum include the following building
1849		components:
1850		Window/door framing
		Window/door naming Window U-factor/SHGC (as indicated on approved energy calculations)
1851		
1852		Vertical cells/columns
1853		Lintel/tie beams
1854		Framing/trusses/bracing/connectors (including truss layout and engineered
1855		<u>drawings</u>)
1856		<u>Draftstopping/fireblocking</u>
1857		Curtain wall framing
1858		Energy insulation (Insulation R-factor as indicated on approved energy
859		calculations)
860		Accessibility
		ACCESSIONIV
1861		Verify rough opening dimensions are within tolerances.
1861 1862		Verify rough opening dimensions are within tolerances. Window/door buck attachment
1861 1862 1863		Verify rough opening dimensions are within tolerances. Window/door buck attachment 2.1 Insulation Inspection: To be made after the framing inspection is approved
1861 1862 1863 1864		Verify rough opening dimensions are within tolerances. Window/door buck attachment 2.1 Insulation Inspection: To be made after the framing inspection is approved and the insulation is in place, according to approved energy calculation
1861 1862 1863 1864 1865		Verify rough opening dimensions are within tolerances. Window/door buck attachment 2.1 Insulation Inspection: To be made after the framing inspection is approved and the insulation is in place, according to approved energy calculation submittal. Includes wall and ceiling insulation.
1861 1862 1863 1864 1865 1866		 Verify rough opening dimensions are within tolerances. Window/door buck attachment 2.1 Insulation Inspection: To be made after the framing inspection is approved and the insulation is in place, according to approved energy calculation submittal. Includes wall and ceiling insulation. 2.2 Lath and gypsum board inspection for fire-resistance rated or shear
1861 1862 1863 1864 1865 1866 1867		Verify rough opening dimensions are within tolerances. Window/door buck attachment 2.1 Insulation Inspection: To be made after the framing inspection is approved and the insulation is in place, according to approved energy calculation submittal. Includes wall and ceiling insulation. 2.2 Lath and gypsum board inspection for fire-resistance rated or shear assemblies. Lath and gypsum board inspections shall be made after lathing
1861 1862 1863 1864 1865 1866 1867 1868		 Verify rough opening dimensions are within tolerances. Window/door buck attachment 2.1 Insulation Inspection: To be made after the framing inspection is approved and the insulation is in place, according to approved energy calculation submittal. Includes wall and ceiling insulation. 2.2 Lath and gypsum board inspection for fire-resistance rated or shear assemblies. Lath and gypsum board inspections shall be made after lathing and gypsum board, interior and exterior, is in place, but before ant plastering
1861 1862 1863 1864 1865 1866 1867 1868 1869	2	 Verify rough opening dimensions are within tolerances. Window/door buck attachment 2.1 Insulation Inspection: To be made after the framing inspection is approved and the insulation is in place, according to approved energy calculation submittal. Includes wall and ceiling insulation. 2.2 Lath and gypsum board inspection for fire-resistance rated or shear assemblies. Lath and gypsum board inspections shall be made after lathing and gypsum board, interior and exterior, is in place, but before ant plastering is applied or gypsum board joints and fasteners are taped and finished.
1861 1862 1863 1864 1865 1866 1867 1868 1869 1870	3.	 Verify rough opening dimensions are within tolerances. Window/door buck attachment 2.1 Insulation Inspection: To be made after the framing inspection is approved and the insulation is in place, according to approved energy calculation submittal. Includes wall and ceiling insulation. 2.2 Lath and gypsum board inspection for fire-resistance rated or shear assemblies. Lath and gypsum board inspections shall be made after lathing and gypsum board, interior and exterior, is in place, but before ant plastering is applied or gypsum board joints and fasteners are taped and finished. Sheathing inspection. To be made either as part of a dry-in inspection or done
1861 1862 1863 1864 1865 1866 1867 1868 1869 1870 1871	3.	 Verify rough opening dimensions are within tolerances. Window/door buck attachment 2.1 Insulation Inspection: To be made after the framing inspection is approved and the insulation is in place, according to approved energy calculation submittal. Includes wall and ceiling insulation. 2.2 Lath and gypsum board inspection for fire-resistance rated or shear assemblies. Lath and gypsum board inspections shall be made after lathing and gypsum board, interior and exterior, is in place, but before ant plastering is applied or gypsum board joints and fasteners are taped and finished. 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
1861 1862 1863 1864 1865 1866 1867 1868 1869 1870 1871 1872	3.	 Verify rough opening dimensions are within tolerances. Window/door buck attachment 2.1 Insulation Inspection: To be made after the framing inspection is approved and the insulation is in place, according to approved energy calculation submittal. Includes wall and ceiling insulation. 2.2 Lath and gypsum board inspection for fire-resistance rated or shear assemblies. Lath and gypsum board inspections shall be made after lathing and gypsum board, interior and exterior, is in place, but before ant plastering is applied or gypsum board joints and fasteners are taped and finished. 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
1861 1862 1863 1864 1865 1866 1867 1868 1869 1870 1871 1872 1873	3.	 Verify rough opening dimensions are within tolerances. Window/door buck attachment 2.1 Insulation Inspection: To be made after the framing inspection is approved and the insulation is in place, according to approved energy calculation submittal. Includes wall and ceiling insulation. 2.2 Lath and gypsum board inspection for fire-resistance rated or shear assemblies. Lath and gypsum board inspections shall be made after lathing and gypsum board, interior and exterior, is in place, but before ant plastering is applied or gypsum board joints and fasteners are taped and finished. 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:
1861 1862 1863 1864 1865 1866 1867 1868 1869 1870 1871 1872 1873 1874	3.	 Verify rough opening dimensions are within tolerances. Window/door buck attachment 2.1 Insulation Inspection: To be made after the framing inspection is approved and the insulation is in place, according to approved energy calculation submittal. Includes wall and ceiling insulation. 2.2 Lath and gypsum board inspection for fire-resistance rated or shear assemblies. Lath and gypsum board inspections shall be made after lathing and gypsum board, interior and exterior, is in place, but before ant plastering is applied or gypsum board joints and fasteners are taped and finished. 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
1861 1862 1863 1864 1865 1866 1867 1868 1869 1870 1871 1872 1873 1874	3.	 Verify rough opening dimensions are within tolerances. Window/door buck attachment 2.1 Insulation Inspection: To be made after the framing inspection is approved and the insulation is in place, according to approved energy calculation submittal. Includes wall and ceiling insulation. 2.2 Lath and gypsum board inspection for fire-resistance rated or shear assemblies. Lath and gypsum board inspections shall be made after lathing and gypsum board, interior and exterior, is in place, but before ant plastering is applied or gypsum board joints and fasteners are taped and finished. 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
1861 1862 1863 1864 1865 1866 1867 1868 1869 1870 1871 1872 1873 1874 1875	3.	Verify rough opening dimensions are within tolerances. Window/door buck attachment 2.1 Insulation Inspection: To be made after the framing inspection is approved and the insulation is in place, according to approved energy calculation submittal. Includes wall and ceiling insulation. 2.2 Lath and gypsum board inspection for fire-resistance rated or shear assemblies. Lath and gypsum board inspections shall be made after lathing and gypsum board, interior and exterior, is in place, but before ant plastering is applied or gypsum board joints and fasteners are taped and finished. 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 Continuous air barrier
1861 1862 1863 1864 1865 1866 1867 1868 1869 1870 1871 1872 1873 1874 1875 1876 1877	3.	Verify rough opening dimensions are within tolerances. Window/door buck attachment 2.1 Insulation Inspection: To be made after the framing inspection is approved and the insulation is in place, according to approved energy calculation submittal. Includes wall and ceiling insulation. 2.2 Lath and gypsum board inspection for fire-resistance rated or shear assemblies. Lath and gypsum board inspections shall be made after lathing and gypsum board, interior and exterior, is in place, but before ant plastering is applied or gypsum board joints and fasteners are taped and finished. 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 Continuous air barrier Exterior siding/cladding
1861 1862 1863 1864 1865 1866 1867 1868 1869 1870 1871 1872 1873 1874 1875	3.	Verify rough opening dimensions are within tolerances. Window/door buck attachment 2.1 Insulation Inspection: To be made after the framing inspection is approved and the insulation is in place, according to approved energy calculation submittal. Includes wall and ceiling insulation. 2.2 Lath and gypsum board inspection for fire-resistance rated or shear assemblies. Lath and gypsum board inspections shall be made after lathing and gypsum board, interior and exterior, is in place, but before ant plastering is applied or gypsum board joints and fasteners are taped and finished. 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 Continuous air barrier Exterior siding/cladding Sheathing fasteners
1861 1862 1863 1864 1865 1866 1867 1868 1869 1870 1871 1872 1873 1874 1875 1876 1877	3.	Verify rough opening dimensions are within tolerances. Window/door buck attachment 2.1 Insulation Inspection: To be made after the framing inspection is approved and the insulation is in place, according to approved energy calculation submittal. Includes wall and ceiling insulation. 2.2 Lath and gypsum board inspection for fire-resistance rated or shear assemblies. Lath and gypsum board inspections shall be made after lathing and gypsum board, interior and exterior, is in place, but before ant plastering is applied or gypsum board joints and fasteners are taped and finished. 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 Continuous air barrier Exterior siding/cladding Sheathing fasteners Roof/wall dry-in
1861 1862 1863 1864 1865 1866 1867 1868 1869 1870 1871 1872 1873 1874 1875 1876 1877	3.	Verify rough opening dimensions are within tolerances. Window/door buck attachment 2.1 Insulation Inspection: To be made after the framing inspection is approved and the insulation is in place, according to approved energy calculation submittal. Includes wall and ceiling insulation. 2.2 Lath and gypsum board inspection for fire-resistance rated or shear assemblies. Lath and gypsum board inspections shall be made after lathing and gypsum board, interior and exterior, is in place, but before ant plastering is applied or gypsum board joints and fasteners are taped and finished. 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 Continuous air barrier Exterior siding/cladding Sheathing fasteners
1861 1862 1863 1864 1865 1866 1867 1868 1869 1870 1871 1872 1873 1874 1875 1876 1877 1878	3.	Verify rough opening dimensions are within tolerances. Window/door buck attachment 2.1 Insulation Inspection: To be made after the framing inspection is approved and the insulation is in place, according to approved energy calculation submittal. Includes wall and ceiling insulation. 2.2 Lath and gypsum board inspection for fire-resistance rated or shear assemblies. Lath and gypsum board inspections shall be made after lathing and gypsum board, interior and exterior, is in place, but before ant plastering is applied or gypsum board joints and fasteners are taped and finished. 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 Continuous air barrier Exterior siding/cladding Sheathing fasteners Roof/wall dry-in
1861 1862 1863 1864 1865 1866 1867 1868 1869 1870 1871 1872 1873 1874 1875 1876 1877 1878 1879 1880	3.	Verify rough opening dimensions are within tolerances. Window/door buck attachment 2.1 Insulation Inspection: To be made after the framing inspection is approved and the insulation is in place, according to approved energy calculation submittal. Includes wall and ceiling insulation. 2.2 Lath and gypsum board inspection for fire-resistance rated or shear assemblies. Lath and gypsum board inspections shall be made after lathing and gypsum board, interior and exterior, is in place, but before ant plastering is applied or gypsum board joints and fasteners are taped and finished. 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 Continuous air barrier Exterior siding/cladding Sheathing fasteners Roof/wall dry-in Sheathing fasteners installed and found to be missing the structural member
1861 1862 1863 1864 1865 1866 1867 1868 1869 1870 1871 1872 1873 1874 1875 1876 1877 1878 1879 1880	 4. 	Verify rough opening dimensions are within tolerances. Window/door buck attachment 2.1 Insulation Inspection: To be made after the framing inspection is approved and the insulation is in place, according to approved energy calculation submittal. Includes wall and ceiling insulation. 2.2 Lath and gypsum board inspection for fire-resistance rated or shear assemblies. Lath and gypsum board inspections shall be made after lathing and gypsum board, interior and exterior, is in place, but before ant plastering is applied or gypsum board joints and fasteners are taped and finished. 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 Continuous air barrier Exterior siding/cladding Sheathing fasteners Roof/wall dry-in Sheathing fasteners installed and found to be missing the structural member (shiners) shall be removed and properly reinstalled prior to installation of the
1861 1862 1863 1864 1865 1866 1867 1868 1869 1870 1871 1872 1873 1874 1875 1876 1877 1878 1879 1880		Verify rough opening dimensions are within tolerances. Window/door buck attachment 2.1 Insulation Inspection: To be made after the framing inspection is approved and the insulation is in place, according to approved energy calculation submittal. Includes wall and ceiling insulation. 2.2 Lath and gypsum board inspection for fire-resistance rated or shear assemblies. Lath and gypsum board inspections shall be made after lathing and gypsum board, interior and exterior, is in place, but before ant plastering is applied or gypsum board joints and fasteners are taped and finished. 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 Continuous air barrier Exterior siding/cladding Sheathing fasteners Roof/wall dry-in Sheathing fasteners installed and found to be missing the structural member (shiners) shall be removed and properly reinstalled prior to installation of the dry-in material.

1884		components in progress inspections:
1885		Exterior wall coverings and veneers
1886		Soffit coverings
1887	5.	Roofing inspection. Shall at a minimum be made in at least two inspections
1888	٥.	and include the following building components:
1889		Dry-in
1890		Insulation
1891		Roof coverings (including In Progress as necessary)
1892		Insulation on roof deck (according to submitted energy calculation)
1893		Flashing
1894		5.1 Re-roof sheathing inspection. An affidavit with a notarized signature of a
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		state or locally licensed roofing contractor for the installation of additional
1896		sheathing fasteners as required by the Existing Building Code may be
1897	_	accepted at the discretion of the building official.
1898	6.	
1899		occupancy.
1900		6.1. In flood hazard areas, as part of the final inspection, a final certification of
1901		the lowest floor elevation or the elevation to which a building is dry
1902		floodproofed, as applicable, shall be submitted to the authority having
1903	7	jurisdiction.
1904	7.	Swimming pool inspection. First inspection to be made after excavation and installation of reinforcing steel, banding and main drain and prior to placing of
1905 1906		installation of reinforcing steel, bonding and main drain and prior to placing of
		concrete.
1907		1. Steel reinforcement inspection
1908		2. <u>Underground electric inspection</u>
1909		3. <u>Underground piping inspection including a pressure test.</u>
1910		4. Underground electric inspection under deck area (including the
1911		equipotential bonding)
1912		5. Underground piping inspection under deck area
1913		6. Deck inspection: to be made prior to installation of the deck material (with
1914		forms, deck drains, and any reinforcement in place
1915		7. Safety Inspection; Made prior to filling the pool with the bonding connections
1916		made, the proper drain covers installed and the final barriers installed.
1917		8. Final pool piping
1918		9. Final Electrical inspection
1919		10. Final inspection to be made when the swimming pool is complete and all
1920		required enclosure requirements are in place.
1921		In order to pass final inspection and receive a certificate of completion, a
1922		residential swimming pool must meet the requirements relating to pool
1923		safety features as described in Section 454.2.17 of this code.
1924	8.	Demolition inspections. First inspection to be made after all utility connections
1925		have been dis- connected and secured in such manner that no unsafe or
1926		unsanitary conditions shall exist during or after demolition operations.
1927		Final inspection to be made after all demolition work is completed.
1928	9.	Manufactured building inspections. The building department shall inspect
1929		construction of foundations; connecting buildings to foundations; installation of
1930		parts identified on plans as site installed items, joining the modules, including
1931		utility cross- overs; utility connections from the building to utility lines on site;

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- 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 453.27.20 of this code).
- 10. Where impact-resistant coverings or impact-resistant systems are installed, 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.

Electrical

- 1. <u>Underground inspection. To be made after trenches or ditches are excavated, conduit or cable installed, and before any backfill is put in place.</u>
- 2. Rough-in inspection. To be made after the roof, framing, *fireblocking* and bracing is in place and prior to the installation of wall or ceiling membranes.
- 3. 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.
- 4. Existing Swimming Pools. To be made after all repairs or alterations are complete, all required electrical equipment, GFCI protection, and equipotential bonding are in place on said alterations or repairs.

Plumbing

- 1. <u>Underground inspection</u>. To be made after trenches or ditches are excavated, piping installed, and before any backfill is put in place.
- 2. Rough-in inspection. To be made after the roof, framing, fireblocking and bracing is in place and all soil, waste and vent piping is complete, and prior to this installation of wall or ceiling membranes.

 Includes plumbing provisions of the energy code and approved energy calculation provisions.
- 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.

Mechanical

- Underground inspection. To be made after trenches or ditches are excavated, underground duct and fuel piping installed, and before any backfill is put in place.
- 2. Rough-in inspection. To be made after the roof, framing, fireblocking and bracing are in place and all ducting, and other concealed components are complete, and prior to the installation of wall or ceiling membranes.

 Includes mechanical provisions of the energy code and approved energy calculation provisions.
- 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.

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. Includes gas provisions of the energy code and approved energy calculation

provisions.

- 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.
- 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.

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 during the course of the construction project and prior to receiving final inspection approval. Construction job sites must be kept clean and in a safe condition at all times.
- 2. All debris shall be kept in such a manner as to prevent it from being spread by any means.

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. Concrete slab and under-floor inspections shall be made after in-slab or under-floor reinforcing steel and 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.
- 110.3.3 Lowest floor elevation. In flood hazard areas, upon placement of the lowest floor, including the basement, and prior to further vertical construction, the elevation certification required in Section 1612.4 of the Florida Building Code, Building and Section R322 of the Florida Building Code, Residential, shall be submitted to the building official.
- 110.3.4 Frame inspection. Framing inspections shall be made after the roof deck or sheathing, all framing, *fireblocking* and bracing are in place and pipes, chimneys and vents to be concealed are complete and the rough electrical, plumbing, heating wires, pipes and ducts are *approved*.
- 110.3.5 Lath, gypsum board and gypsum panel product inspection. Lath, gypsum board and gypsum panel product inspections shall be made after lathing, gypsum board and gypsum panel products, interior and exterior, are in place, but before any plastering is applied or gypsum board and gypsum panel product joints and fasteners are taped and finished.

- Exception: Gypsum board and gypsum panel products that are not part of a fireresistance-rated assembly or a shear assembly.
 - 110.3.6 Weather-exposed balcony and walking surface waterproofing. Where balcony or other elevated walking surfaces are exposed to water from direct or blowing rain or irrigation, and the structural framing is protected by an impervious moisture barrier, all elements of the impervious-moisture-barrier system shall not be concealed until inspected and approved.
 - <u>110.3.7 Fire and smoke-resistant penetrations.</u> 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*.
 - 110.3.8 Energy efficiency inspections. Inspections shall be made to determine compliance with FBC, Energy Conservation and confirm with the approved energy code submittal (by appropriate trade) and corresponding mandatory requirements and shall include, but not be limited to, inspections for: corresponding envelope insulation R- and U-values, fenestration U-value, and Solar Heat Gain Coefficient, duct system R-value, and HVAC, lighting, electrical and water-heating equipment efficiency.
 - 110.3.9 Other inspections. In addition to the inspections specified in Sections 110.3 through 110.3.8, the *building official* is authorized to make or require other inspections of any construction work to ascertain compliance with the provisions of this code and other laws that are enforced by the department of building safety.
 - 110.3.10 Special inspections. Reserved.

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- 110.3.11 Final inspection. The final inspection shall be made after all work required by the building *permit* is completed.
- 110.3.11.1 Flood hazard documentation.
- If located in a *flood hazard area*, documentation as required in Section 1612.5 of the Florida Building Code, Building; or Section R322 of the Florida Building Code, Residential, shall be submitted to the *building official* prior to the final inspection.
- 110.3.11.2 Commercial Energy Code documentation. If required by energy code path submittal, confirmation that commissioning result requirements have been received by building owner.
- <u>110.3.11.3 Residential Energy Code documentation.</u> If required by energy code path submittal (R405), confirmation that the envelope and duct test requirements shall be received by *building official*.
- 110.3.12 Termites. Building components and building surroundings required to be protected from termite dam- age in accordance with Section 1503.7, Section 2304.12.9 or Section 2304.12.4, specifically required to be inspected for termites in accordance with Section 2114, or required to have chemical soil treatment in accordance with Section 1816 shall not be covered or concealed until the release from

the building official has been received.

- 110.3.13 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:
 - 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.
- 110.4 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 approval of the *building official*. The *building official*, 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 official*.
- 110.7 Shoring. For threshold buildings, shoring and associated formwork or falsework shall be designed and inspected by a Florida licensed professional engineer prior to any required mandatory inspections by the threshold building inspector.

110.8 Threshold building.

- 110.8.1 During new construction or during repair or restoration projects in which the structural system or structural loading of a building is being modified, 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 reshoring for conformance with the shoring and reshoring 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 s. 553.71(7), Florida Statutes 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 reshoring conforms to the shoring and reshoring 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 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 reshoring procedures, plans and details be submitted to the enforcement agency for recordkeeping. Each shoring and reshoring 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 deter-mined by the local authority in accordance with this section and Chapter 633, Florida Statutes.

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 Mandatory structural inspections for condominium and cooperative buildings.

110.9.1 General. The Legislature finds that maintaining the structural integrity of a building throughout the life of the building is of paramount importance in order to ensure that buildings are structurally sound so as to not pose a threat to the public health, safety, or welfare. As such, the Legislature finds that the imposition of a statewide structural inspection program for aging condominium and cooperative buildings in this state is necessary to ensure that such buildings are safe for continued use.

110.9.2. As used in this section, the terms:

- (a) "Milestone inspection" means a structural inspection of a building, including an inspection of load-bearing elements and the primary structural members and primary structural systems as those terms are defined in s. 627.706, Florida Statutes, by an architect licensed under chapter 481or engineer licensed under chapter 471authorized to practice in this state for the purposes of attesting to the life safety and adequacy of the structural components of the building and, to the extent reasonably possible, determining the general structural condition of the building as it affects the safety of such building, including a determination of any necessary maintenance, repair, or replacement of any structural component of the building. The purpose of such inspection is not to determine if the condition of an existing building is in compliance with the Florida Building Code or the fire safety code. The milestone inspection services may be provided by a team of professionals with an architect or engineer acting as a registered design professional in responsible charge with all work and reports signed and sealed by the appropriate qualified team member.
- (b) "Substantial structural deterioration" means substantial structural distress or substantial structural weakness that negatively affects a building's general structural condition and integrity. The term does not include surface imperfections such as cracks, distortion, sagging, deflections, misalignment, signs of leakage, or peeling of finishes unless the licensed engineer or architect performing the phase one or phase two inspection determines that such surface imperfections are a sign of substantial structural deterioration.
- 110.9.3. (a) An owner or owners of a building that is three stories or more in height as determined by the Florida Building Code and that is subject, in whole or in part, to the condominium or cooperative form of ownership as a residential condominium under chapter 718, Florida Statutes, or a residential cooperative under chapter 719, Florida Statutes, must have a milestone inspection performed by December 31 of the year in which the building reaches 30 years of age, based on the date the certificate of occupancy for the building was issued, and every 10 years thereafter. If a building reached 30 years of age before July 1, 2022, the building's initial milestone inspection

must be performed before December 31, 2024. If a building reaches 30 years of age on or after July 1, 2022, and before December 31, 2024, the building's initial milestone inspection must be performed before December 31, 2025. If the date of issuance for the certificate of occupancy is not available, the date of issuance of the building's certificate of occupancy shall be the date of occupancy evidenced in any record of the local building official.

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- (b) The local enforcement agency may determine that local circumstances, including environmental conditions such as proximity to salt water as defined in s. 379.101, require that a milestone inspection must be performed by December 31 of the year in which the building reaches 25 years of age, based on the date the certificate of occupancy for the building was issued, and every 10 years thereafter.
- (c) The local enforcement agency may extend the date by which a building's initial milestone inspection must be completed upon a showing of good cause by the owner or owners of the building that the inspection cannot be timely completed if the owner or owners have entered into a contract with an architect or engineer to perform the milestone inspection and the inspection cannot reasonably be completed before the deadline or other circumstance to justify an extension.
- (d) The local enforcement agency may accept an inspection report prepared by a licensed engineer or architect for a structural integrity and condition inspection of a building performed before July 1, 2022, if the inspection and report substantially comply with the requirements of this section. Notwithstanding when such inspection was completed, the condominium or cooperative association must comply with the unit owner notice requirements in Section 110.9.9. The inspection for which an inspection report is accepted by the local enforcement agency under this paragraph is deemed a milestone inspection for the applicable requirements in chapters 718 and 719. If a previous inspection and report is accepted by the local enforcement agency under this paragraph, the deadline for the building's subsequent 10-year milestone inspection is based on the date of the accepted previous inspection.
- 110.9.4. The milestone inspection report must be arranged by a condominium or cooperative association and any owner of any portion of the building which is not subject to the condominium or cooperative form of ownership. The condominium association or cooperative association and any owner of any portion of the building which is not subject to the condominium or cooperative form of ownership are each responsible for ensuring compliance with the requirements of this section. The condominium association or cooperative association is responsible for all costs associated with the milestone inspection attributable to the portions of a building which the association is responsible to maintain under the governing documents of the association. This section does not apply to a single-family, two-family, or three-family dwelling with three or fewer habitable stories above ground.
- enforcement agency must provide written notice of such required inspection to the condominium association or cooperative association and any owner of any portion of the building which is not subject to the condominium or cooperative form of ownership, as applicable, by certified mail, return receipt requested. The condominium or cooperative association must notify the unit owners of the required milestone

inspection within 14 days after receipt of the written notice from the local enforcement agency and provide the date that the milestone inspection must be completed. Such notice may be given by electronic submission to unit owners who consent to receive notice by electronic submission or by posting on the association's website.

110.9.6. Phase one of the milestone inspection must be completed within 180 days after the owner or owners of the building receive the written notice under Section 110.9.5. For purposes of this section, completion of phase one of the milestone inspection means the licensed engineer or architect who performed the phase one inspection submitted the inspection report by e-mail, United States Postal Service, or commercial delivery service to the local enforcement agency.

110.9.7. A milestone inspection consists of two phases:

110.9.7.1. For phase one of the milestone inspection, a licensed architect or engineer authorized to practice in this state shall perform a visual examination of habitable and nonhabitable areas of a building, including the major structural components of a building, and provide a qualitative assessment of the structural conditions of the building. If the architect or engineer finds no signs of substantial structural deterioration to any building components under visual examination, phase two of the inspection, as provided in Section 110.9.7.2, is not required. An architect or engineer who completes a phase one milestone inspection shall prepare and submit an inspection report pursuant to Section 110.9.8.

110.9.7.2. A phase two of the milestone inspection must be performed if any substantial structural deterioration is identified during phase one. A phase two inspection may involve destructive or nondestructive testing at the inspector's direction. The inspection may be as extensive or as limited as necessary to fully assess areas of structural distress in order to confirm that the building is structurally sound and safe for its intended use and to recommend a program for fully assessing and repairing distressed and damaged portions of the building. When determining testing locations, the inspector must give preference to locations that are the least disruptive and most easily repairable while still being representative of the structure. If a phase two inspection is required, within 180 days after submitting a phase one inspection report the architect or engineer performing the phase two inspection must submit a phase two progress report to the local enforcement agency with a timeline for completion of the phase two inspection. An inspector who completes a phase two milestone inspection shall prepare and submit an inspection report pursuant to Section 110.9.8.

110.9.8. Upon completion of a phase one or phase two milestone inspection, the architect or engineer who performed the inspection must submit a sealed copy of the inspection report with a separate summary of, at minimum, the material findings and recommendations in the inspection report to the condominium association or cooperative association, to any other owner of any portion of the building which is not subject to the condominium or cooperative form of ownership, and to the building

2315 <u>official</u> of the local government which has jurisdiction. The inspection report must, at a minimum, meet all of the following criteria:

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- (a) Bear the seal and signature, or the electronic signature, of the licensed engineer or architect who performed the inspection.
- (b) Indicate the manner and type of inspection forming the basis for the inspection report.
- (c) <u>Identify any substantial structural deterioration, within a reasonable professional probability based on the scope of the inspection, describe the extent of such deterioration, and identify any recommended repairs for such deterioration.</u>
- (d) State whether unsafe or dangerous conditions, as those terms are defined in the Florida Building Code, were observed.
- (e) Recommend any remedial or preventive repair for any items that are damaged but are not substantial structural deterioration.
- (f) Identify and describe any items requiring further inspection.
- 110.9.9. Within 45 days after receiving the applicable inspection report, the condominium or cooperative association must distribute a copy of the inspector-prepared summary of the inspection report to each condominium unit owner or cooperative unit owner, regardless of the findings or recommendations in the report, by United States mail or personal delivery at the mailing address, property address, or any other address of the owner provided to fulfill the association's notice requirements under chapter 718 or chapter 719, as applicable, and by electronic transmission to the e-mail address or facsimile number provided to fulfill the association's notice requirements to unit owners who previously consented to received notice by electronic transmission; must post a copy of the inspector-prepared summary in a conspicuous place on the condominium or cooperative property; and must publish the full report and inspector- prepared summary on the association's website, if the association is required to have a website.
- 110.9.10. A local enforcement agency may prescribe timelines and penalties with respect to compliance with this section.
- 110.9.11. A board of county commissioners or municipal governing body may adopt an ordinance requiring that a condominium or cooperative association and any other owner that is subject to this section schedule or commence repairs for substantial structural deterioration within a specified timeframe after the local enforcement agency receives a phase two inspection report; however, such repairs must be commenced within 365 days after receiving such report. If an owner of the building fails to submit proof to the local enforcement agency that repairs have been scheduled or have commenced for substantial structural deterioration identified in a phase two inspection report within the required timeframe, the local enforcement agency must review and determine if the building is unsafe for human occupancy.

SECTION 111 CERTIFICATE OF OCCUPANCY

111.1 Use and occupancy. A building or structure shall not be used or occupied, and

2362 a change in the existing use or occupancy classification of a building or structure or portion thereof shall not be made, until the building official has issued a certificate of occupancy therefor as provided herein. Issuance of a certificate of occupancy shall not be construed as an approval of a violation of the provisions of this code or of other ordinances of the jurisdiction.

Exception: Certificates of occupancy are not required for work exempt from *permits* in accordance with Section 105.2.

- 111.2 Certificate issued. After the *building official* inspects the building or structure and does not find violations of the provisions of this code or other laws that are enforced by the department of building safety, 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* or the owner's authorized agent.
- 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 official*.
- 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. <u>If an automatic sprinkler system is provided, whether the sprinkler system is required.</u>
- 13. Any special stipulations and conditions of the building permit.
- 111.3 Temporary occupancy. The building official is authorized to issue a temporary certificate of occupancy before the completion of the entire work covered by the permit, provided that such portion or portions shall be occupied safely. The building official shall set a time period during which the temporary certificate of occupancy is valid.
- 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. A certificate of completion 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 a building, such as shell building, prior to the issuance of a certificate of occupancy.

2411 :412 :413	SECTION 112 SERVICE UTILITIES
2414 2415 2416 2417	112.1 Connection of service utilities. A person shall not 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 <i>permit</i> is required, until released by the <i>building official</i> .
2418 2419 2420	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.
2421 2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432	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 in case of emergency where necessary to eliminate an immediate hazard to life or property or where such utility connection has been made without the approval required by Section 112.1 or 112.2. The building official shall notify the serving utility, and wherever 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.
2432 2433 2434 2435 2436 2437	SECTION 113 BOARD OF APPEALS CROSS REFERENCE - CONSTRUCTION BOARD OF ADJUSTMENT AND APPEALS, Chapter 6 Article II
2438 2439 2440 2441 2442 2443	SECTION 114 VIOLATIONS RESERVED
2444 2445 2446 2447	SECTION 115 STOP WORK ORDER
2448 2449 2450 2451	115.1 Authority. Where the building official finds any work regulated by this code being performed in a manner either contrary to the provisions of this code or dangerous or unsafe, the building official is authorized to issue a stop work order.
2452 ⁻ 2453 2454 2455 2456	115.2 Issuance. The stop work order shall be in writing and shall be given to the owner of the property involved, the owner's authorized agent or the person performing 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.
?.457 !.458 !.459	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 Conditions. Structures or existing equipment that are or hereafter become unsafe, insanitary or deficient because of inadequate *means of egress* facilities, inadequate light and ventilation, or which constitute a fire hazard, or are otherwise dangerous to human life or the public welfare, or that involve illegal or improper occupancy or inadequate maintenance, shall be deemed an unsafe condition. Unsafe structures shall be taken down and removed or made safe, as the *building official* deems necessary and as provided for in this section. A vacant structure that is not secured against entry shall be deemed unsafe.
- 116.2 Record. The building official shall cause a report to be filed on an unsafe condition. The report shall state the occupancy of the structure and the nature of the unsafe condition.
- 116.3 Notice. If an unsafe condition is found, the building official shall serve on the owner, agent or person in control of the structure, a written notice that describes the condition deemed unsafe and specifies the required repairs or improvements to be made to abate the unsafe condition, or that requires the unsafe structure to be demolished within a stipulated time. Such notice shall require the person thus notified to declare immediately to the building official acceptance or rejection of the terms of the order.
- 116.4 Method of service. Such notice shall be deemed properly served if a copy thereof is (a) delivered to the owner personally; (b) sent by certified or registered mail addressed to the owner at the last known address with the return receipt requested; or (c) delivered in any other manner as prescribed by local law. If the certified or registered letter is returned showing that the letter was not delivered, a copy thereof shall be posted in a conspicuous place in or about the structure affected by such notice. Service of such notice in the foregoing manner upon the owner's agent or upon the person responsible for the structure shall constitute service of notice upon the owner.
- 116.5 Restoration. Where the structure or equipment determined to be unsafe by the building official is restored to a safe condition, to the extent that repairs, alterations or additions are made or a change of occupancy occurs during the restoration of the structure, such repairs, alterations, additions and change of occupancy shall comply with the requirements of Section 105.2.2 and the Florida Building Code, Existing Building.

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 flood plain 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 Section R322 of the Florida Building Code, Residential. This section shall not apply to Section 3109 of the Florida Building Code, Building.

SECTION 118 ADDITIONAL REQUIREMENTS

118.1 Additional Electrical Requirements

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 118.1.8 Hard wired: When building permits are required, then water heaters and air handlers shall be hard wired to an approved electrical disconnect device.

118.1.9 Protection during construction:

- 118.1.9.1 Interior electrical work shall not start prior to the structure being dried-in. Both components and fasteners shall be protected against the elements.
- 118.1.9.2 Any components that are rusted or corroded shall be replaced.
- <u>118.1.9.3</u> Holes around boxes or holes made to accommodate pipes or wires shall be sealed with an approved filler.

118.2 Additional site requirements.

All areas that are disturbed by construction activity shall be re-graded and satisfactorily ground covered prior to the final inspection. No final inspections or work complete inspections will pass inspection until the site is completely cleaned up and all work has been completed.

- 118.2.1 All new houses shall be built and graded to convey storm water to areas within their own property that will not negatively impact neighboring properties.
- 118.2.2 There shall be a 3 foot setback from the back side of the seawall for concrete decks. Concrete decks shall not be constructed in this setback to accommodate the function and maintenance of the French Drain. Walkways to access docks and boat lifts shall be allowed at a rate of one four foot wide walkway for every 50' of seawall, or two per lot, whichever is greater. Other coverings shall be removable for maintenance and shall not impede the function of the French Drain.

118.3 Additional plumbing requirements.

Waste pipes that are located below structures that are located on lots that require pilings shall be a minimum of schedule 40 PVC, and supported by hangers at 6'-0" 4'0" intervals and at each riser as it passes through the above floor.

118.4 Additional mechanical requirements.

During the replacement of Mechanical Equipment, every effort should be made to accommodate the clearances needed to provide the required open air space around new equipment. These clearances are set forth by the manufacturer to maximize the energy efficiency and overall performance of the equipment.

- 2554 1. <u>If the equipment cannot be rearranged to provide the required clearances,</u>
 2555 the pads/platforms may have to be expanded to accommodate the new larger
 2556 units, provided it is not technically infeasible to do so.
 - 2. A letter from the manufacturer shall state the minimum allowable clearances for the equipment to be installed. If these clearances cannot be achieved, the Building Official shall determine if the pad/platform needs to be expanded to accommodate any new equipment or future installations.
 - 3. If the pad/platform is located on common property and was originally constructed to accommodate small equipment with no room for expansion, and small units are not available, it shall be the responsibility of the owner of the common property, to arrange to have the pad/platform expanded at its expense, to reasonably accommodate new units. The cost of relocation of the line sets and disconnects shall be included in the installation of the new equipment.

118.5 Additional building requirements.

118.5.1 Minimum slab reinforcement.

All concrete slabs supported by pilings shall be a minimum 5" thick and be reinforced by #3 rebar @ 12" o.c. or 2 layers of heavy gauge (2.4 to 2.9 minimum) Woven Wire Fabric (WWF). Ancillary slabs, such as driveways, walkways, and sidewalks may use rolled wire or fiber-mesh.

- 118.5.2 Slabs for non-waterfront houses shall be reinforced with (2.4 to 2.9 minimum) (W.W.F.) A.K.A. road mesh or rebar and meet ACI-318 standards.
- 118.5.3 All new waterfront houses and pools shall be pile supported. This includes concrete stairs and elevated air-conditioner condenser pads. Cantilevering or other acceptable Engineering solutions will be acceptable. Other sound Engineered solutions will be considered if accompanied by a geo-technical soil boring report and a detailed customized foundation signed and sealed by a Design Professional, the Design Professional will supervise the layering of replacement fill and certify the foundation has been constructed as intended and meets the requirements of his/her design.
- <u>118.5.4</u> Additions and concrete slabs that depend on edge support, where the load path does not return to the foundation, dowels shall be spaced not greater than 18" on center and secured by epoxy into solid masonry or tied to the existing structure by concrete filling voids in the block or other methods that will support the new slab.
- 118.5.5 Corner bars shall be required on top and bottom bars located on the outside of each corner and shall be a minimum of 40 bar diameters.
- 118.5.6 No permanent structures shall be constructed within 15 (fifteen) feet of the seawall. However, in rare cases structures could be built within the 15 feet if a new seawall is constructed with a deadman system that does not require the deadmen to be located under the structure or undermine the foundation in any way.

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118.5.7 Structures located in flood hazard areas (Zone A) other than coastal high hazard areas and Coastal A Zones

Structures located in a flood hazard area (Zone A) other than a coastal high hazard area and Coastal A Zone where BFE is greater than one (1) foot above natural grade of the site or the lowest adjacent grade of an exterior wall, will require the top of spread footings or the top of grade beam with a maximum elevation of 6 Feet NAVD.

118.5.8 Finished floor and lowest floor.

On parcels where unusual topographic conditions exist and the above standards conditions cannot be reasonably applied, the Building Official will consider requests to decrease the finished-floor elevation. All requests will require an analysis by a Florida registered professional engineer of the 25-year, three (3) day storm event and the 100 year, three (3) day storm event, using zero discharge for the entire drainage basin in which the proposed structure is located. Reductions may be allowed on the basis of the analysis, but in no case shall the lowest floor elevation of buildings in special flood hazard areas be lower than required by the Florida Building Code, as modified by Marco Island.

118.5.9 Lot pre-inspection for new Single Family and Seawall permits.

Pre-inspection of the lot(s) is required, prior to the issuance of any permit, for any new Construction project, major addition project, seawall replacement, or seawall maintenance project. The inspection will verify the current condition of the adjoining properties. It will proactively identify any storm-water drainage issues. Findings will be submitted to the permit applicant as a review comment or as a condition of the permit, at the Building Official's discretion.

118.5.10 Prohibited Materials. Materials that have the potential to become wind driven missiles shall be prohibited. Example: Aggregate such as that found on tar and gravel roofs, or gravel used as ballast on roofs. This includes roofing, re-roofing and any material that is likely to be misplaced and propelled by strong winds.

118.6 Additional requirements - General.

118.6.1 Weathered materials.

118.6.1.1 Materials shall be protected against the weather and insects prior to and during construction. Materials that could be damaged shall be protected from the time they are delivered until completion of the final inspection. Materials that have been adversely affected by the elements shall be replaced.

118.6.1.2 Trusses must be elevated off the ground and be erected within twentyfive (25) days of delivery. Trusses of questionable integrity shall be replaced.

NOTE: Every effort should be made to protect the end product from the adverse effects of water. Plywood buckling, delaminating, and excessive microbiological growth (fungus) can be prevented without extraordinary effort. Coordinating truss deliveries, house wrap, window installation, and dry-in procedures will greatly reduce premature weathering.

2646 118.6.2 Restricted hours on certain activities.

Pile driving and demolition activities are only allowed between the hours of 8:00 a.m. and 5:00 p.m. Monday through Saturday. No pile driving or demolition activities may take place on Sundays or City observed holldays.

Section 3. Codification.

It is the intention of the City Council, and it is hereby ordained, that the amendments to the City of Marco Island Code of Ordinances made by this Ordinance shall constitute a new Section 6-111 of the City of Marco Island Code of Ordinances, and that the sections of this Ordinance may be renumbered and re-lettered as necessary, and that the word "Ordinance" may be changed to "Section", "Article" or other appropriate word.

Section 4. Conflicts.

All ordinances or parts of ordinances and all resolutions or parts of resolutions in conflict with the provisions of this Ordinance are hereby superseded and resolved to the extent of any conflict in favor of the provisions of this Ordinance.

Section 5. Severability.

If any term, section, clause, sentence or phrase of this Ordinance is for any reason held to be invalid, illegal, or unconstitutional by a court of competent jurisdiction, the holding shall not affect the validity of the other or remaining terms, sections, clauses, sentences or phrases portions of this Ordinance, and this Ordinance shall be read and applied as if the invalid, illegal, or unenforceable term, provision, clause, sentence or section did not exist.

Section 6. Effective Date.

This Ordinance shall become effective January 22, 2024.

ADOPTED BY THE CITY COUNCIL OF THE CITY OF MARCO ISLAND this 22nd day of January 2024.

ATTEST:

CITY OF MARCO ISCAND, FLORIDA

By:

Jared Grifoni, Charman

Approved as topform and legal)sufficiency:

Alan L. Gabriel, City Attorney