



Special Occupancy

Proposed Code Modifications

This document created by the Florida Department of Community Affairs -
850-487-1824

TAC: Special Occupancy

Sub Code: Building

Total Mods for Special Occupancy: 54

Date Submitted	3/18/2010	Section	105, 304, 423, 428	Proponent	Jon Hamrick
Chapter	4	Affects HVHZ	No	Attachments	No
TAC Recommendation	Approved as Modified				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

Change all references of “community college” to “Florida college,” add definition of a Florida college.

Rationale

During the 2009 legislative session the designation of “community college” was changed to “Florida college.”

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

None

Impact to building and property owners relative to cost of compliance with code

None

Impact to industry relative to the cost of compliance with code

None

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Reflects changes in Florida Statutes for renaming college system.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Reflects changes in Florida Statutes for renaming college system.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

This change does not discriminate against materials, products, methods, or system of construction.

Does not degrade the effectiveness of the code

Reflects changes in Florida Statutes for renaming college system.

105.3.1.1 If a state university, ~~state~~ community 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.

304.2 Sections 423(1) and 423(2) are applicable to ~~community~~ Florida colleges.

423.1 Scope: Public educational facilities. Public educational facilities shall comply with the Florida Building Code and the Uniform Fire Safety Standards as adopted by the State Fire Marshal. These are minimum standards; boards may impose more restrictive requirements. Additional requirements for public educational facilities in Florida, including public schools and public ~~community/junior~~ Florida colleges, are found in these standards.

Note: Other administrative and programmatic provisions may apply. See Department of Education Rule 6-2 and Chapter 1013, Florida Statutes.

423.2 Public schools and ~~community~~ Florida colleges general requirements.

423.2.1 Owner. Each school board and ~~community~~ Florida college board of trustees is deemed to be the owner of facilities within its respective jurisdiction. Boards shall provide for enforcement of the Florida Building Code and the Uniform Fire Safety Standards as adopted by the State Fire Marshal, including standards for health, sanitation, and others as required by law.

423.2.2 Exemption from local requirements. All public educational and ancillary plants constructed by a school board or a ~~community~~ Florida college board are exempt from all other state, county, district, municipal, or local building codes, interpretations, building permits, and assessments of fees for building permits, ordinances, road closures, and impact fees or service availability fees as provided in Section 1013.37(1)(a), Florida Statutes.

423.3 Code enforcement.

423.3.1 School boards and ~~community~~ state Florida college boards. Section 553.80(6), Florida Statutes, provides options for plan review services and inspections by school boards and ~~community~~ Florida college boards.

423.3.2 Owner review and inspection. A school board or ~~community~~ Florida college board which undertakes the construction, remodeling, renovation, lease, or lease-purchase of any educational plant or ancillary facility, or day labor project, regardless of cost or fund source, shall review construction documents as required by law in Section 1013.38, Florida Statutes, and Section 553.80(6), Florida Statutes, and shall ensure compliance with requirements of law, rule, and the Florida Building Code and the Uniform Fire Safety Standards as adopted by the State Fire Marshal. Section 553.80(6), Florida Statutes, states that district school boards and ~~community~~ Florida college boards shall provide for plan review and inspections for their projects. They shall use personnel certified under Part XII of Chapter 468, Florida Statutes to perform the plan reviews and inspections or use one of the options provided in Section 1013.38, Florida Statutes. Under this arrangement, school boards and ~~community~~ Florida college boards are not subject to local government permitting, plan review, and inspection fees.

423.3.3 Local government review and inspection. As an option to the owner providing plan review and inspection services, school boards and ~~community~~ Florida college boards may use local government code enforcement offices who will not charge fees more than the actual labor and administrative costs for the plan review and inspections. Local government code enforcement offices shall expedite permitting. Any action by local government not in compliance with Section 553.80(6), Florida Statutes, may be appealed to the Florida Building Commission, which may suspend the authority of that local government to enforce the Florida Building Code and the Uniform Fire Safety Standards as adopted by the State Fire Marshal on the facilities of school boards and ~~community~~ Florida college boards.

423.4 Reference documents. School Boards and Community Florida College Boards of Trustees. In addition to complying with the Florida Building Code and the Uniform Fire Safety Standards as adopted by the State Fire Marshal, and other adopted standards and this section, public educational facilities and sites shall comply with applicable federal and state laws and rules.

423.5 Definitions.

423.5.1 "Assembly" occupancies are buildings or portions of buildings used for gatherings of 50 or more persons, such as auditoriums, gymnasiums, multipurpose rooms, classrooms and labs, cafeterias, stadiums, media centers and interior courtyards. Assembly occupancies include adjacent and related spaces to the main seating area, such as stages, dressing rooms, workshops, lobbies, rest rooms, locker rooms, and store rooms. School board and community Florida college facilities shall follow the requirements of Uniform Fire Safety Standards as adopted by the State Fire Marshal for assembly spaces.

423.5.2 "Board" means a district school board and a community Florida college board of trustees.

423.5.11 "Owner" of facilities within a respective jurisdiction consists of each school board and community Florida college board of trustees is deemed to be the owner of facilities within its respective jurisdiction.

423.5.17 Florida college is a public community college, public college, state college, or public junior college.

423.5.1718 "Student-occupied space" is any area planned primarily for use by six or more students.

423.6.1 Occupancy during construction. School board and community Florida college board facilities, or portions of facilities, shall not be occupied during construction unless exits, fire detection and early warning systems, fire protection, and safety barriers are continuously maintained and clearly marked at all times. Construction on an occupied school board site shall be separated from students and staff by secure barriers. Prior to issuance of the notice to proceed, a safety plan shall be provided by the contractor which clearly delineates areas for construction, safety barriers, exits, construction traffic during the various phases of the project and when conditions change. Where heavy machinery, as is used for earth moving or scraping, is required to work on a school board's occupied site, the work shall be separated from occupants by secure double barriers with a distance of 10 feet (3048 mm) in between. New construction, remodeling or renovations in existing facilities shall not reduce the means of egress below the requirements for new buildings; safe means of egress from a student-occupied space may be accomplished as authorized by NFPA 101, Florida edition as adopted by the Florida Fire Prevention Code. New construction (additions) shall not block or reduce safe means of egress.

423.8.1 Codes and standards. Educational facilities owned by school boards and community Florida college boards shall meet the construction requirements of the Florida Building Code and the Uniform Fire Safety Standards as adopted by the State Fire Marshal, state and federal laws and rules, and this section for Florida's public educational facilities for new construction, remodeling and renovation of existing facilities. This is a minimum standard; boards may impose more restrictive safety and level of quality standards for educational, auxiliary, and ancillary facilities under their jurisdiction, provided they meet or exceed these minimum requirements.

423.8.1.1 Educational occupancy. School board educational facility projects whether owned, lease-purchased or leased shall comply with the educational occupancy and assembly occupancy portions of the above referenced codes as applicable, except where in conflict with this section. The support spaces such as media centers, administrative offices and cafeterias and kitchens located within educational facilities are not separate occupancies.

423.8.1.2 Business occupancy. Community Florida college board educational facility projects whether owned, lease-purchased or leased shall comply with the business occupancy and the assembly occupancy of the above referenced codes as applicable, except where in conflict with this section.

423.8.1.3 Ancillary facility. School board and community Florida college board ancillary facilities such as warehouses or maintenance buildings, shall use the applicable occupancy section of the Florida Building Code and the Uniform Fire Safety Standards as adopted by the State Fire Marshal. Ancillary facilities on educational plant sites shall be separated from the educational facility as required by code.

423.8.2 Space standards. School board and community Florida college board facility sizes shall use standards in the "Size of Space and Occupant Design Criteria Table" found in the Department of Education document, "State Requirements for Educational Facilities (SREF)." Exiting from occupied spaces shall comply with Table 1004.1.2 of the Florida Building Code, Building.

423.8.3 Construction type. School board and community Florida college buildings including auxiliary, ancillary and vocational facilities shall comply with the following:

423.8.8 Safe school design. School boards should design educational facilities and sites including pre-K through 12, vocational and community Florida colleges to enhance security and reduce vandalism through the use of "safe school design" principles. Safe school design strategies are available from DOE/educational facilities and include but are not limited to the following:

423.10.2.8 Minimum parking requirements.

423.10.2.8.1 Faculty and staff. One space for each member.

423.10.2.8.2 Visitors. One space for every 100 students.

423.10.2.8.3 Community clinics where provided. Ten spaces, including one accessible space.

423.10.2.8.4 High schools. One space for every 10 students in grades 11 and 12.

423.10.2.8.5 Vocational schools. One space for every two students.

423.10.2.8.6 Community Florida colleges. One space for every two students.

423.10.2.8.7 Accessible parking. Parking spaces designated for persons with disabilities shall comply with the ADA, Chapter 11 of the Florida Building Code, Building, and [Section 316.1955](#), Florida Statutes.

423.10.7 Landscaping. Refer to Section 1013.64(5), Florida Statutes, for school board and community Florida college requirements. Xeriscape is defined in Section 373.185, Florida Statutes .

423.16.2 Teacher toilets. In school board facilities, faculty and staff toilets shall be separate from student toilets.

Exception: Separation of faculty/staff and student toilet facilities is not required for community Florida colleges.

423.20.4 Chemical and hazardous materials storage. In addition to the requirements of the Florida Building Code and the Uniform Fire Safety Standards as adopted by the State Fire Marshal for separation and protection, chemical and hazardous storage facilities shall also include:

423.20.4.1 Chemical storage. Rooms used for the storage, handling, and disposal of chemicals used in school and community Florida college laboratories shall be vented to the exterior. The ventilation system shall not be connected to the air-conditioning return air system, and the rooms shall be kept at moderate temperatures. Doors shall be lockable from the outside and operable at all times from the inside. Rooms shall be well illuminated. Cabinets shall have shelves with a 1/2 inch (12.7 mm) lip on the front and shall be constructed of noncorrosive material. When vented to the exterior, chemical storage cabinets shall be mechanically vented in accordance with NFPA 30 and NFPA 91.

423.25.1 New facilities. New educational facilities for school boards and ~~community~~ Florida college boards, unless specifically exempted by the board with the written concurrence of the applicable local emergency management agency or the Department of Community Affairs (DCA), shall have appropriate areas designed as enhanced hurricane protection areas (EHPAs) in compliance with this section.

Exception: Facilities located, or proposed to be located, in a Category 1, 2, or 3 evacuation zone shall not be subject to these requirements.

423.25.1.1 Enhanced hurricane protection areas (EHPA). The EHPA areas shall provide emergency shelter and protection for people for a period of up to 8 hours during a hurricane.

423.25.1.1.1 The EHPA criteria apply only to the specific portions of (K-12) and ~~community~~ Florida college educational facilities that are designated as EHPAs.

423.27.2 Design, plan approval, construction. Regardless of cost or fund source, whether used for classroom, auxiliary or ancillary space, whether leased, purchased, contracted, or constructed by the school board or ~~community~~ Florida college board, plans and documents for relocatables, portables and modular schools shall be prepared by Florida registered design professionals and submitted to the authority having jurisdiction for review and approval for compliance with Florida laws, rules, building and life safety codes. The buildings shall be constructed and inspected by personnel licensed, certified or trained as required by Florida construction industry licensing laws.

423.27.5.2 Covered walks and technology. New relocatables and "modular schools" acquired by a board which are intended for long term use, shall be connected from exit door to the core facilities by accessible covered walkways, and shall contain wiring and computer technologies which connect to the facility's technology, communications and fire alarms infrastructure.

Exceptions:

1. Covered walks and public address systems are not required in ~~community~~ Florida college facilities.

428.7 Factory-built schools, inspections and work progress reports (also see Section 423, state requirements for education facilities).

428.7.1 Inspectors. The school board or ~~community~~ Florida college (educational entity) which is to utilize the factory-built school shall be responsible for compliance with inspection requirements.

105.3.1.1 If a state university, ~~state~~ community 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.

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Exception: Separation of faculty/staff and student toilet facilities is not required for ~~community~~ Florida colleges.

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423.20.4.1 Chemical storage. Rooms used for the storage, handling, and disposal of chemicals used in school and ~~community~~ Florida college laboratories shall be vented to the exterior. The ventilation system shall not be connected to the air-conditioning return air system, and the rooms shall be kept at moderate temperatures. Doors shall be lockable from the outside and operable at all times from the inside. Rooms shall be well illuminated. Cabinets shall have shelves with a 1/2 inch (12.7 mm) lip on the front and shall be constructed of noncorrosive material. When vented to the exterior, chemical storage cabinets shall be mechanically vented in accordance with NFPA 30 and NFPA 91.

423.25.1 New facilities. New educational facilities for school boards and ~~community~~ Florida college boards, unless specifically exempted by the board with the written concurrence of the applicable local emergency management agency or the Department of Community Affairs (DCA), shall have appropriate areas designed as enhanced hurricane protection areas (EHPAs) in compliance with this section.

Exception: Facilities located, or proposed to be located, in a Category 1, 2, or 3 evacuation zone shall not be subject to these requirements.

423.25.1.1 Enhanced hurricane protection areas (EHPA). The EHPA areas shall provide emergency shelter and protection for people for a period of up to 8 hours during a hurricane.

423.25.1.1.1 The EHPA criteria apply only to the specific portions of (K-12) and ~~community~~ Florida college educational facilities that are designated as EHPAs.

423.27.2 Design, plan approval, construction. Regardless of cost or fund source, whether used for classroom, auxiliary or ancillary space, whether leased, purchased, contracted, or constructed by the school board or ~~community~~ Florida college board, plans and documents for relocatables, portables and modular schools shall be prepared by Florida registered design professionals and submitted to the authority having jurisdiction for review and approval for compliance with Florida laws, rules, building and life safety codes. The buildings shall be constructed and inspected by personnel licensed, certified or trained as required by Florida construction industry licensing laws.

423.27.5.2 Covered walks and technology. New relocatables and "modular schools" acquired by a board which are intended for long term use, shall be connected from exit door to the core facilities by accessible covered walkways, and shall contain wiring and computer technologies which connect to the facility's technology, communications and fire alarms infrastructure.

Exceptions:

1. Covered walks and public address systems are not required in ~~community~~ Florida college facilities.

428.7 Factory-built schools, inspections and work progress reports (also see Section 423, state requirements for education facilities).

428.7.1 Inspectors. The school board or ~~community~~ Florida college (educational entity) which is to utilize the factory-built school shall be responsible for compliance with inspection requirements.

Date Submitted	3/25/2010	Section	419, 420, 423, 424	Proponent	Rebecca Quinn
Chapter	4	Affects HVHZ	No	Attachments	No
TAC Recommendation	Approved as Modified				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

Florida-specific mods to Chpt 2, related to consistency with flood provisions of the NFIP. Mods coordinated with applicable State agencies: 419 & 420 (Agency for Health Care Admin); 423 (Office of Educational Facilities). Specified elevations are consistent with ASCE 24, referenced in 1612.

Rationale

Modifications recommended by FBC Flood Resistant Standards Workgroup, with concurrence by Structural TAC, to retain IBC flood provisions IBC and make Florida-specific amendments. IBC flood provisions are consistent with the NFIP. The FBC adopted the recommendation at its October 2009 meeting. Workgroup's final report is attached to the modification for 1612 and <http://consensus.fsu.edu/FBC/Flood-Resistant-Standards.html>

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact; 454 Florida communities participate in the NFIP and administer ordinance that include NFIP requirements (44 CFR 60.3).

Impact to building and property owners relative to cost of compliance with code

No impact; building and property owners already are required to comply with local floodplain management ordinances.

Impact to industry relative to the cost of compliance with code

No impact; building and property owners already are required to comply with local floodplain management ordinances.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Compliance with flood-resistant provisions reduces flood damage and protects life, property and general welfare.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Improves the code by having all load requirements addressed; provides equivalency with requirements of local floodplain management ordinances. The requested statutory authority will allow locally-adopted higher standards to preserve better protection and insurance discounts.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Includes provisions for flood damage-resistant materials and methods, consistent with the NFIP and current floodplain management ordinances.

Does not degrade the effectiveness of the code

Improves effectiveness by requiring buildings to be designed and constructed with consideration of all applicable codes.

Coordinated with Skip Gregory, Office of Plans and Construction, Agency for Health Care Administration

~~419.4.2 Disaster preparedness construction standards.~~

~~419.4.2.2 Site standards.~~

~~419.4.2.2.1~~ All new facilities and additions to existing facilities shall be located above the base flood elevation plus 2 ft 100 year flood plain or hurricane Category 3 (Saffir Simpson scale) hurricane surge inundation elevation, whichever requires the highest elevation; or—

~~419.4.2.2.2~~ The floor elevation of all new occupied patient area(s) and all patient support area(s) and patient support utilities, including mechanical, electrical (except fuel storage as noted in Section 419.4.2.9.3 of this code) and food services shall be located above the base flood elevation plus 2 ft 100 year flood plain or hurricane Category 3 (Saffir Simpson scale) hurricane surge inundation elevations, whichever requires the highest elevation.

~~419.4.2.2.3~~ New additions or floors added to existing facilities, as determined by their site locations, shall meet either the requirements of Section 419.4.2.2.1 or 419.4.2.2.2 of this Code, or be so designed and constructed as to be in compliance with Section 1627 the current standards of the National Flood Insurance Program of the Federal Emergency management Agency, incorporated by reference and available from Federal Emergency management Agency, Federal Insurance Administration, Attn. Publications, P.O. Box 70274, Washington, D.C. 20024.

~~419.4.2.2.4~~ Where an off site public access route is available to the new facility at or above the base flood elevation 100 year flood plain, a minimum of one on site emergency access route shall be provided that is located at the same elevation as the public access route.

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Coordinated with Skip Gregory, Office of Plans and Construction, Agency for Health Care Administration

~~420.4.2 Disaster preparedness construction standards.~~

~~420.4.2.2 Site standards.~~

~~420.4.2.2.1~~ All new facilities and additions to existing facilities shall be located above the base flood elevation plus 2 ft 100 year flood plain or hurricane Category 3 (Saffir Simpson scale) hurricane surge inundation elevation, whichever requires the highest elevation, or

~~420.4.2.2.2~~ The floor elevation of all new occupied resident area(s) and all resident support area(s) and resident support utilities, including mechanical, electrical (except fuel storage as noted in Section 420.4.2.9.3 of this code) and food services shall be located above the base flood elevation plus 2 ft 100 year flood plain or hurricane Category 3 (Saffir Simpson scale) hurricane surge inundation elevations, whichever requires the highest elevation.

~~420.4.2.2.3~~ New additions or floors added to existing facilities, as determined by their site locations, shall meet either the requirements of Section 420.4.2.2.1 or 420.4.2.2.2 of this code, or be so designed and constructed as to be in compliance with Section 1627 the current standards of the National Flood Insurance Program of the Federal Emergency management Agency, incorporated by reference and available from Federal Emergency management Agency, Federal Insurance Administration, Attn. Publications, P.O. Box 70274, Washington, D.C. 20024.

~~420.4.2.2.4~~ Where an off site public access route is available to the new facility at or above the base flood elevation 100 year flood plain, a minimum of one on site emergency access route shall be provided that is located at the same elevation as the public access route. ~~(Amend to remove 419 & 420)~~

423.4.2 Flood Resistant Construction. ~~[Referenced Documents]~~ FEMA. Federal Emergency Management Agency. Rules and Regulations 44 CFR, Parts 59 and 60, Revised as of October 1, 1995. In Flood Zones A1 through A30, AE, AH, and AO (100-year flood plain) the finished floor at the lowest entry level shall be a minimum 1 foot (305 mm) above the base flood elevation. Educational facilities in flood hazard areas shall comply with ASCE 24.

424.1 Public swimming pools and bathing places. Public swimming pools and bathing places shall comply with the design and construction standards of this section.

424.1.1 Flood hazard areas. Public swimming pools installed in flood hazard areas established in Section 1612.3 shall comply with Section 1612.

424.2.4.2 Items not covered. For any items not specifically covered in these requirements, the administrative authority is hereby authorized to require that all equipment, materials, methods of construction and design features shall be proven to function adequately, effectively and without excessive maintenance and operational difficulties.

R424.2.4.2.1 Flood hazard areas. Private swimming pools installed in flood hazard areas established in Section 1612.3 shall comply with Section 1612.

Proponent Rebecca Quinn Submitted 5/24/2010 Attachments Yes

SP3880-A2

Rationale

The Flood Resistant Standards Workgroup initially expected that the IBC flood provisions, in Sec. 1612, would be renumbered to Sec. 1627. Staff subsequently decided to retain it as Sec. 1612, and I inadvertently did not make that correction prior to submittal.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

Correcting referenced section; no change to original proposal.

Impact to building and property owners relative to cost of compliance with code

Correcting referenced section; no change to original proposal.

Impact to industry relative to the cost of compliance with code

Correcting referenced section; no change to original proposal.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Correcting referenced section; no change to original proposal.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Correcting referenced section; no change to original proposal.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Correcting referenced section; no change to original proposal.

Does not degrade the effectiveness of the code

Correcting referenced section; no change to original proposal.

Coordinated with Skip Gregory, Office of Plans and Construction, Agency for Health Care Administration

419.4.2 Disaster preparedness construction standards.

419.4.2.2 Site standards.

419.4.2.2.1 All new facilities and additions to existing facilities shall be located above the base flood elevation plus 2 ft 100-year flood plain or hurricane Category 3 (Saffir-Simpson scale) hurricane surge inundation elevation, whichever requires the highest elevation; or

419.4.2.2.2 The floor elevation of all new occupied patient area(s) and all patient support area(s) and patient support utilities, including mechanical, electrical (except fuel storage as noted in Section 419.4.2.9.3 of this code) and food services shall be located above the base flood elevation plus 2 ft 100-year flood plain or hurricane Category 3 (Saffir-Simpson scale) hurricane surge inundation elevations, whichever requires the highest elevation.

419.4.2.2.3 New additions or floors added to existing facilities, as determined by their site locations, shall meet either the requirements of Section 419.4.2.2.1 or 419.4.2.2.2 of this Code, or be so designed and constructed as to be in compliance with Section 1627 the current standards of the National Flood Insurance Program of the Federal Emergency management Agency, incorporated by reference and available from Federal Emergency management Agency, Federal Insurance Administration, Attn. Publications, P.O. Box 70274, Washington, D.C. 20024.

419.4.2.2.4 Where an off-site public access route is available to the new facility at or above the base flood elevation 100-year flood plain, a minimum of one on-site emergency access route shall be provided that is located at the same elevation as the public access route.

Coordinated with Skip Gregory, Office of Plans and Construction, Agency for Health Care Administration

420.4.2 Disaster preparedness construction standards.

420.4.2.2 Site standards.

420.4.2.2.1 All new facilities and additions to existing facilities shall be located above the base flood elevation plus 2 ft 100-year flood plain or hurricane Category 3 (Saffir-Simpson scale) hurricane surge inundation elevation, whichever requires the highest elevation, or

420.4.2.2.2 The floor elevation of all new occupied resident area(s) and all resident support area(s) and resident support utilities, including mechanical, electrical (except fuel storage as noted in Section 420.4.2.9.3 of this code) and food services shall be located above the base flood elevation plus 2 ft 100-year flood plain or hurricane Category 3 (Saffir-Simpson scale) hurricane surge inundation elevations, whichever requires the highest elevation.

420.4.2.2.3 New additions or floors added to existing facilities, as determined by their site locations, shall meet either the requirements of Section 420.4.2.2.1 or 420.4.2.2.2 of this code, or be so designed and constructed as to be in compliance with Section 1627 the current standards of the National Flood Insurance Program of the Federal Emergency management Agency, incorporated by reference and available from Federal Emergency management Agency, Federal Insurance Administration, Attn. Publications, P.O. Box 70274, Washington, D.C. 20024.

420.4.2.2.4 Where an off-site public access route is available to the new facility at or above the base flood elevation 100-year flood plain, a minimum of one on-site emergency access route shall be provided that is located at the same elevation as the public access route.

423.4.2 Flood Resistant Construction. ~~[Referenced Documents]~~ FEMA. Federal Emergency Management Agency. Rules and Regulations 44 CFR, Parts 59 and 60, Revised as of October 1, 1995. In Flood Zones A1 through A30, AE, AH, and AO (100 year flood plain) the finished floor at the lowest entry level shall be a minimum 1 foot (305 mm) above the base flood elevation. Educational facilities in flood hazard areas shall comply with ASCE 24.

424.1 Public swimming pools and bathing places. Public swimming pools and bathing places shall comply with the design and construction standards of this section.

424.1.1 Flood hazard areas. Public swimming pools installed in flood hazard areas established in Section 1612.3 shall comply with Section 1612.

424.2.4.2 Items not covered. For any items not specifically covered in these requirements, the administrative authority is hereby authorized to require that all equipment, materials, methods of construction and design features shall be proven to function adequately, effectively and without excessive maintenance and operational difficulties.

R424.2.4.2.1 Flood hazard areas. Private swimming pools installed in flood hazard areas established in Section 1612.3 shall comply with Section 1612.

Modify only two sections in the original proposal (and only modification is to cite correct section, Section 1612).

419.4.2.2.3 New additions or floors added to existing facilities, as determined by their site locations, shall meet either the requirements of Section 419.4.2.2.1 or 419.4.2.2.2 of this Code, or be so designed and constructed as to be in compliance with ~~Section 1612 1627~~ the current standards of the National Flood Insurance Program of the Federal Emergency management Agency, incorporated by reference and available from Federal Emergency management Agency, Federal Insurance Administration, Attn. Publications, P.O. Box 70274, Washington, D.C. 20024.

420.4.2.2.3 New additions or floors added to existing facilities, as determined by their site locations, shall meet either the requirements of Section 420.4.2.2.1 or 420.4.2.2.2 of this code, or be so designed and constructed as to be in compliance with ~~Section 1612 1627~~ the current standards of the National Flood Insurance Program of the Federal Emergency management Agency, incorporated by reference and available from Federal Emergency management Agency, Federal Insurance Administration, Attn. Publications, P.O. Box 70274, Washington, D.C. 20024.

Date Submitted	3/31/2010	Section	419.2	Proponent	James Gregory
Chapter	4	Affects HVHZ	No	Attachments	No
TAC Recommendation	Approved as Modified				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

Revises this section for clarity.

Rationale

This revision clarifies what facilities must meet the requirements of this section and changes the references of the required codes and standards.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There is no impact on local entity.

Impact to building and property owners relative to cost of compliance with code

There is no impact on property owners.

Impact to industry relative to the cost of compliance with code

There is no impact to industry.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Updates the reference standards and clarifies the code for the user.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Updates the referenced standard to more contemporary regulations.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate against material, products, methods or systems..

Does not degrade the effectiveness of the code

Improves the effectiveness of the code.

419.2 Additional Codes and standards for the design and construction of general, rehabilitative, and psychiatric hospitals, including Intensive Residential Treatment Facilities (IRTF) for children and adolescents, and unless exempted by Chapter 395.0163, Florida Statutes, all hospital outpatient facilities and hospital mobile and transportable units. ~~419.2.1~~ Except as modified and required In addition to the minimum standards required by this section of the Section 419 of this code, Chapter 59A-3 Florida Administrative Code, or by Chapter 395, Florida Statutes, all new hospitals facilities and all additions, alterations or renovations to an existing licensed hospital, as listed in Section 419.2 of the this code, all outpatient facilities of hospitals, and all projects, as described in Section 105 of the code, to these existing hospitals, shall also be in compliance with the following codes and standards on the effective date of the this code as described in Section 419.1.5 of this code. (with A1)

~~419.2.1.1~~ The fire codes described in Chapter 69A-53, Uniform Fire Safety Standards for Hospitals and Nursing Homes, Florida Administrative Code.

~~419.2.1.2~~ The Guidelines for Design and Construction of Health Care Facilities (The Guidelines), Part I—General, Part 2—Hospitals, and Part 3—Ambulatory Care Facilities, incorporated by reference and obtainable from the American Institute of Architects, 1735 New York Ave., N.W., Washington, D.C. 20006 5292 as reference in Chapter 35 of this code.

~~419.2.1.3~~ Fire, Smoke and Radiation Damper Installation Guide for HVAC Systems, Sheet Metal and Air Conditioning Contractors National Association, Inc. (SMACNA).

SP4174-A1

Proponent James Gregory Submitted 5/27/2010 Attachments Yes

Rationale

Add language to cover additions and renovations to existing hospitals.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

Does not impact local entity.

Impact to building and property owners relative to cost of compliance with code

Does not impact building or property owners.

Impact to industry relative to the cost of compliance with code

Does not impact industry relative to cost.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Improves health and safety by clarifying the code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Strengthens the code by adding clarifying language.


Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate against materials or etc.


Does not degrade the effectiveness of the code

Improves the code by clarifying it.

419.2 Additional Codes and standards for the design and construction of general, rehabilitative, and psychiatric hospitals, including Intensive Residential Treatment Facilities (IRTF) for children and adolescents, and unless exempted by Chapter 395.0163, Florida Statutes, all hospital outpatient facilities and hospital mobile and transportable units. ~~419.2.1 Except as modified and required~~ In addition to the minimum standards required by this section of the Section 419 of this code, Chapter 59A-3 Florida Administrative Code, or by Chapter 395, Florida Statutes, all new hospital facilities, as listed in Section 419.2 of the this code, all outpatient facilities of hospitals, and all projects, as described in Section 105 of the code, to these existing hospitals, shall also be in compliance with the following codes and standards on the effective date of the this code as described in Section 419.1.5 of this code:

 ~~419.2.1.1~~ The fire codes described in Chapter 69A-53, Uniform Fire Safety Standards for Hospitals and Nursing Homes, Florida Administrative Code.

~~419.2.1.2~~ The Guidelines for Design and Construction of Health Care Facilities (The Guidelines), Part I—General, Part 2—Hospitals, and Part 3—Ambulatory Care Facilities, incorporated by reference and obtainable from the American Institute of Architects, 1735 New York Ave., N.W., Washington, D.C. 20006-5292 as reference in Chapter 35 of this code.

 ~~419.2.1.3~~ Fire, Smoke and Radiation Damper Installation Guide for HVAC Systems, Sheet Metal and Air Conditioning Contractors National Association, Inc. (SMACNA).

419.2 Additional codes and standards for the design and construction of general, rehabilitative, and psychiatric hospitals, including Intensive Residential Treatment Facilities (IRTF) for children and adolescents, and unless exempted by Chapter 395.0163, Florida Statutes, all hospital outpatient facilities and hospital mobile and transportable units. In addition to the minimum standards required by this section of the Section 419 of this code, Chapter 59A-3 Florida Administrative Code, or by Chapter 395, Florida Statutes, all new hospitals facilities, and all additions, alterations or renovations to an existing licensed hospital as listed in Section 419.2 of this code, shall also be in compliance with the following codes and standards on the effective date of this code as described in Section 419.1.5 of this code:

Date Submitted	4/1/2010	Section	419.3.17	Proponent	James Gregory
Chapter	4	Affects HVHZ	No	Attachments	No
TAC Recommendation	Approved as Modified				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

Revises nurse call requirements to coordinate with the 2010 Guidelines.

Rationale

Deletes and revises this section to better coordinate with the 2010 Guidelines.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There is not impact to local entitiy.

Impact to building and property owners relative to cost of compliance with code

There is not impact to building and property owner relative to cost. Reduces requirements in the code.

Impact to industry relative to the cost of compliance with code

There is no impact to industry.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

This revision improves patient safety by clarifying the language in this section.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Improves the code by clarifying this seciton.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

There is not specified product, material, method or system to meet this requirment.

Does not degrade the effectiveness of the code

Improves the effectiveness of the code by clarifying this section.

419.3.17 Nurse call system. (See Section 7.32.G of Reference The Guidelines for other requirements.) A nurse call system shall be provided that will register a call from each patient bed to the nurse station and activate a visual signal at the patient room door and activate a visual and audible signal in the clean workroom, the soiled workroom, the nourishment station and the master station of the nursing unit. In multicorridor nursing units, additional visible signals shall be installed at corridor intersections in the vicinity of nurse stations. In rooms containing two or more calling stations, indicating lights shall be provided for each calling station.

~~419.3.17.1~~ Master staff and duty stations may include volume controls, provided the minimum setting provides audibility of 15 decibels above normal ambient noise levels where the station is located.

~~419.3.17.2~~ An emergency calling station of the pull cord type shall be provided and shall be conveniently located for patient use in each patient toilet, bath or shower room. The call signal shall be cancelled only at the emergency calling station. The emergency station shall activate distinctive audible and visual signals immediately.

~~419.3.17.3~~ An emergency resuscitation alarm (Code Blue) calling station shall be provided for staff use in each operating, delivery, recovery LDR, LDRP, emergency, cardiac and intensive nursing care rooms, nurseries and similar rooms.

~~419.3.17.1~~ All staff emergency stations shall be equipped for two way voice communication. (A1)

~~419.3.17.1~~ A staff call stations, or similar device, shall be located within each psychiatric seclusion room and shall be of hands free operation. (A1)

~~419.3.17.3~~ **2** The e Emergency resuscitative alarm panels (centralized (Code Blue) that receives the code call station signal, shall be provided located at the attending nurse station and or as required by The Guidelines and at other locations outside of the unit as determined by the facility that are staffed 24 hours per day. Audible signals may be silenced temporarily for a call provided subsequent calls automatically reactivate the audible signal immediately. The alarm panel at the 24-hour staffed station may indicate the nurse station/suite where the call originated in lieu of identifying the bed only when a 24-hour station is not one and the same as the attending nurse station. (A1)

Proponent	James Gregory	Submitted	5/27/2010	Attachments	Yes
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SP4289-A1

Rationale

Revisions necessary to better coordinate with 2010 Guidelines and to correct mistake regarding the design elements in a nurse call system.

Fiscal Impact Statement**Impact to local entity relative to enforcement of code**

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements**Has a reasonable and substantial connection with the health, safety, and welfare of the general public**

Improves health and safety of patients.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Clarifies and coordinates requirements.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate against materials, products, etc.

Does not degrade the effectiveness of the code

Does not degrade the effectiveness of the code.

419.3.17 Nurse call system. (See Section 7.32.G of Reference The Guidelines for other requirements.) A nurse call system shall be provided that will register a call from each patient bed to the nurse station and activate a visual signal at the patient room door and activate a visual and audible signal in the clean workroom, the soiled workroom, the nourishment station and the master station of the nursing unit. In multicorridor nursing units, additional visible signals shall be installed at corridor intersections in the vicinity of nurse stations. In rooms containing two or more calling stations, indicating lights shall be provided for each calling station.

~~419.3.17.1~~ Master staff and duty stations may include volume controls, provided the minimum setting provides audibility of 15 decibels above normal ambient noise levels where the station is located.

~~419.3.17.2~~ An emergency calling station of the pull cord type shall be provided and shall be conveniently located for patient use in each patient toilet, bath or shower room. The call signal shall be cancelled only at the emergency calling station. The emergency station shall activate distinctive audible and visual signals immediately.

~~419.3.17.3~~ An emergency resuscitation alarm (Code Blue) calling station shall be provided for staff use in each operating, delivery, recovery LDR, LDRP, emergency, cardiac and intensive nursing care rooms, nurseries and similar rooms.

~~419.3.17.1~~ All staff emergency stations shall be equipped for two-way voice communication.

~~419.3.17.2~~ The staff emergency stations required to be located within the psychiatric seclusion ante/exam rooms shall be of hands free operation.

~~419.3.17.3~~ The emergency resuscitative alarm panels (centralized (Code Blue) that receives the code call station signal, shall be provided located at the attending nurse station and or at other locations as determined by the facility that are staffed 24 hours per day. Audible signals may be silenced temporarily for a call provided subsequent calls automatically reactivate the audible signal immediately. The alarm panel at the 24 hour staffed station may indicate the nurse station/ suite where the call originated in lieu of identifying the bed only when a 24 hour station is not one and the same as the attending nurse station.

~~9.3.17.1 All staff emergency stations shall be equipped for two-way voice communication.~~

~~419.3.17.2 1~~ The A staff emergency call stations, or similar device, shall be required to be located within the each psychiatric seclusion ante/exam room and shall be of hands free operation.

~~419.3.17.3 2~~ The eEmergency resuscitative alarm panels (centralized (Code Blue) that receives the code call station signal, shall be provided located at the attending nurse station and or as required by The Guidelines and at other locations outside of the unit as determined by the facility that are staffed 24 hours per day. Audible signals may be silenced temporarily for a call provided subsequent calls automatically reactivate the audible signal immediately. The alarm panel at the 24-hour staffed station may indicate the nurse station/suite where the call originated in lieu of identifying the bed only when a 24-hour station is not one and the same as the attending nurse station.

Date Submitted	3/31/2010	Section	419.3	Proponent	James Gregory
Chapter	4	Affects HVHZ	No	Attachments	No
TAC Recommendation	Approved as Modified				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

Clarifies what facilities need to meet section 419 requirements.

Rationale

Adds language to clarify which facilities must meet section 419.3 requirements.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There is no impact to local entity relative to enforcement of code.

Impact to building and property owners relative to cost of compliance with code

There is no impact to local entity relative to enforcement of code.

Impact to industry relative to the cost of compliance with code

There is no impact to industry relative to the cost of compliance with code.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Makes the code more clear for the user.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Improves the code by making it clearer to the user.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

This revision does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities.

Does not degrade the effectiveness of the code

The revision does not degrade the effectiveness of the code.

419.3 Additional physical plant requirements for general, rehabilitation, and psychiatric hospitals, including Intensive Residential Treatment Facilities (IRTF) for children and adolescents , and unless exempted by Chapter 395.0163, Florida Statutes, all hospital outpatient facilities and hospital mobile and transportable units.

~~419.3.1~~ In addition to the codes and standards referenced in Section 419.2 of ~~the~~ this code, the following minimum standards of construction and specified minimum essential facilities, shall apply to all new hospitals and all additions, alterations or renovations to an existing licensed hospital, as described in Section 419.1 of this code and listed in Section 419.3 of the this code; ~~all additions, alterations or renovations to these existing hospitals and to outpatient facilities owned or operated by these hospitals as described in Chapter 395.0163, Florida Statutes, on the effective date of the code.~~ (With A1)

Proponent James Gregory Submitted 5/27/2010 Attachments Yes

SP4182-A1

Rationale

Clarifies these requirements also pertain to remodeling. Although already in the code, this makes it clear for this section of the code.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There is no impact on local entity.

Impact to building and property owners relative to cost of compliance with code

There is no impact on property owners.

Impact to industry relative to the cost of compliance with code

There is no impact on industry.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Improves health and safety by making the code more clear.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Strengthens the code by making it more clear.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate against any materials, products or etc.

Does not degrade the effectiveness of the code

Does not degrade the effectiveness of the code.

419.3 Additional physical plant requirements for general, rehabilitation, and psychiatric hospitals, including Intensive Residential Treatment Facilities (IRTF) for children and adolescents , and unless exempted by Chapter 395.0163, Florida Statutes, all hospital outpatient facilities and hospital mobile and transportable units. ~~419.3.1~~ In addition to the codes and standards referenced in Section 419.2 of ~~the~~ this code, the following minimum standards of construction and specified minimum essential facilities, shall apply to all new hospitals, as described in Section 419.1 of this code and listed in Section 419.3 of ~~the~~ this code; ~~all additions, alterations or renovations to these existing hospitals and to outpatient facilities owned or operated by these hospitals as described in Chapter 395.0163, Florida Statutes, on the effective date of the code.~~

419.3 Additional physical plant requirements for general, rehabilitation, and psychiatric hospitals, including Intensive Residential Treatment Facilities (IRTF) for children and adolescents , and unless exempted by Chapter 395.0163, Florida Statutes, all hospital outpatient facilities and hospital mobile and transportable units. In addition to the codes and standards referenced in Section 419.2 of the this code, the following minimum standards of construction and specified minimum essential facilities, shall apply to all new hospitals and all additions, alterations or renovations to an existing licensed hospital, as described in Section 419.1 of this code and listed in Section 419.3 of this code:

Date Submitted	4/1/2010	Section	419.4.2.2	Proponent	James Gregory
Chapter	4	Affects HVHZ	No	Attachments	No
TAC Recommendation	Approved as Modified				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

Clarifies this section of the code.

Rationale

This revision clarifies how facilities may add on to existing facilities located in surge zones.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There is no impact to local enforcement entities.

Impact to building and property owners relative to cost of compliance with code

There is no impact to building owners. This is clarification only.

Impact to industry relative to the cost of compliance with code

There is no impact to industry.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Improves the safety of patients by clarifying the code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Improves the code by clarifying this section.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate against any materials, products or methods or systems.

Does not degrade the effectiveness of the code

Improves the code by clarifying this section.

419.4.2.2.1 All new facilities and additions to existing facilities shall be located above the 100-year flood plain or hurricane Category 3 (Saffir-Simpson scale) hurricane surge inundation elevation, whichever requires the highest elevation; or

419.4.2.2.1 Except as permitted by Section 1612 of this code, the lowest floor of all new facilities shall be elevated to the Base Flood Elevation as defined in Section 1612 of this code, plus 2 feet, or to the height of hurricane Category 3 (Saffir-Simpson scale) surge inundation elevation, as described by the Sea, Lake, and Overland Surge (SLOSH) from Hurricanes model developed by the Federal Emergency Management Agency (FEMA), United States Army Corps of Engineers (USACE), and the National Weather Service (NWS), whichever is higher.

~~419.4.2.2.2 The floor elevations of all new additions to existing facilities of the occupied patient area(s) and all patient support area(s) and patient support utilities, including mechanical, electrical (except fuel storage as noted in Section 419.4.2.9.3 of this code) and food services shall be located above the 100-year flood plain or hurricane Category 3 (Saffir-Simpson scale) hurricane surge inundation elevations, whichever requires the highest elevation.~~

419.4.2.2.2 For all existing facilities, the lowest floor elevations of all additions, and all patient support areas including food service, and all patient support utilities, including mechanical, and electrical (except fuel storage as noted in Section 419.4.2.9.3 of this code) for the additions shall be at or above the elevation of the existing building, if the existing building was designed and constructed to comply with either the site standards of section 419.4 of this code or local flood resistant requirements, in effect at the time of construction, unless otherwise permitted by Section 1612 of this code. If the existing building was constructed prior to the adoption of either the site standards of 419.4 of this code or local flood resistant requirements, then the addition and all patient support areas and utilities for the addition as described in this section shall either be designed and constructed to meet the requirements of Section 419.4.2.2.1 of this code or be designed and constructed to meet the dry flood proofing requirements of Section 1612 of this code.

~~419.4.2.2.3 New The floor elevations of all new additions or of floors added to existing facilities, as determined by their site locations, shall meet either the requirements of Section 419.4.2.2.1 or 419.4.2.2.2 of this Code, or be so designed and constructed as to be in compliance with the current standards of the National Flood Insurance Program of the Federal Emergency management Agency, applicable at the time of preliminary plan approval and incorporated by reference and available from Federal Emergency management Agency, Federal Insurance Administration, Attn. Publications, P.O. Box 70274, Washington, D.C. 20024.~~

419.4.2.2.3 Substantial improvement, as defined by Section 1612 of this code, to all existing facilities located within flood areas as defined in Section 1612 of this code or within a Category 3 surge inundation zone as described in Section 419.4.2.2.1 of this code, shall be designed and constructed in compliance with Section 1612 of this code.

419.4.2.2.4 Where an off-site public access route is available to the new facility at or above the 100-year flood plain, base flood elevation, a minimum of one on-site emergency access route shall be provided that is located at the same elevation as the public access route. (A3)

Proponent	James Gregory	Submitted	5/31/2010	Attachments	Yes
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SP4292-A3

Rationale

This revision to modification 4292 is necessary to correct some outdated language, add correct references, and coordinate with section 1612 of this code. This should be coordinated with modification 3880.

Fiscal Impact Statement**Impact to local entity relative to enforcement of code**

There is no impact to local entity.

Impact to building and property owners relative to cost of compliance with code

There is no impact to building and property owners relative to cost.

Impact to industry relative to the cost of compliance with code

There is no impact to industry relative to cost.

Requirements**Has a reasonable and substantial connection with the health, safety, and welfare of the general public**

Improves the health and safety of patients in hospitals.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Strengthens the code relative to flooding requirements.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate against materials, products, methods, etc.

Does not degrade the effectiveness of the code

Does not degrade the effectiveness of the code.

419.4.2.2 Site standards.

419.4.2.2.1 All new facilities and additions to existing facilities shall be located above the 100-year flood plain or hurricane Category 3 (Saffir-Simpson scale) hurricane surge inundation elevation, whichever requires the highest elevation; or

419.4.2.2.2 The floor elevations of all new additions to existing facilities of the occupied patient area(s) and all patient support area(s) and patient support utilities, including mechanical, electrical (except fuel storage as noted in Section 419.4.2.9.3 of this code) and food services shall be located above the 100-year flood plain or hurricane Category 3 (Saffir-Simpson scale) hurricane surge inundation elevations, whichever requires the highest elevation.

419.4.2.2.3 ~~New~~ The floor elevations of all new additions or of floors added to existing facilities, as determined by their site locations, shall meet either the requirements of Section 419.4.2.2.1 or 419.4.2.2.2 of this Code, or be so designed and constructed as to be in compliance with the current standards of the National Flood Insurance Program of the Federal Emergency management Agency, applicable at the time of preliminary plan approval and incorporated by reference and available from Federal Emergency management Agency, Federal Insurance Administration, Attn. Publications, P.O. Box 70274, Washington, D.C. 20024.

419.4.2.2.4 Where an off-site public access route is available to the new facility at or above the 100-year flood plain, a minimum of one on-site emergency access route shall be provided that is located at the same elevation as the public access route.

419.4.2.2.5 New landscaping elements shall be located so if damaged they will not block the on-site emergency access route to the facility. Outdoor signs and their foundations shall be designed to meet the wind load criteria of the Florida Building Code, Building.

419.4.2.2.6 New light standards and their foundations used for lighting the on-site emergency access route shall be designed to meet the wind load criteria ~~of the~~ as described in the American Society of Civil Engineers ([ASCE 7](#)), 50-year recurrence interval of wind velocity with appropriate exposure category dependent on site location.

~~419.4.2.2.1 All new facilities and additions to existing facilities shall be located above the 100-year flood plain or hurricane Category 3 (Saffir-Simpson scale) hurricane surge inundation elevation, whichever requires the highest elevation; or~~

419.4.2.2.1 Except as permitted by Section 1612 of this code, the lowest floor of all new facilities shall be elevated to the Base Flood Elevation as defined in Section 1612 of this code, plus 2 feet, or to the height of hurricane Category 3 (Saffir-Simpson scale) surge inundation elevation, as described by the Sea, Lake, and Overland Surge (SLOSH) from Hurricanes model developed by the Federal Emergency Management Agency (FEMA), United States Army Corps of Engineers (USACE), and the National Weather Service (NWS), whichever is higher.

~~419.4.2.2.2 The floor elevations of all new additions to existing facilities of the occupied patient area(s) and all patient support area(s) and patient support utilities, including mechanical, electrical (except fuel storage as noted in Section 419.4.2.9.3 of this code) and food services shall be located above the 100-year flood plain or hurricane Category 3 (Saffir-Simpson scale) hurricane surge inundation elevations, whichever requires the highest elevation.~~

419.4.2.2.2 For all existing facilities, the lowest floor elevations of all additions, and all patient support areas including food service, and all patient support utilities, including mechanical, and electrical (except fuel storage as noted in Section 419.4.2.9.3 of this code) for the additions shall be at or above the elevation of the existing building, if the existing building was designed and constructed to comply with either the site standards of section 419.4 of this code or local flood resistant requirements, in effect at the time of construction, unless otherwise permitted by Section 1612 of this code. If the existing building was constructed prior to the adoption of either the site standards of 419.4 of this code or local flood resistant requirements, then the addition and all patient support areas and utilities for the addition as described in this section shall either be designed and constructed to meet the requirements of Section 419.4.2.2.1 of this code or be designed and constructed to meet the dry flood proofing requirements of Section 1612 of this code.

~~419.4.2.2.3 New The floor elevations of all new additions or of floors added to existing facilities, as determined by their site locations, shall meet either the requirements of Section 419.4.2.2.1 or 419.4.2.2.2 of this Code, or be so designed and constructed as to be in compliance with the current standards of the National Flood Insurance Program of the Federal Emergency management Agency, applicable at the time of preliminary plan approval and incorporated by reference and available from Federal Emergency management Agency, Federal Insurance Administration, Attn. Publications, P.O. Box 70274, Washington, D.C. 20024.~~

419.4.2.2.3 Substantial improvement, as defined by Section 1612 of this code, to all existing facilities located within flood areas as defined in Section 1612 of this code or within a Category 3 surge inundation zone as described in Section 419.4.2.2.1 of this code, shall be designed and constructed in compliance with Section 1612 of this code.

419.4.2.2.4 Where an off-site public access route is available to the new facility at or above the 100-year flood plain, base flood elevation, a minimum of one on-site emergency access route shall be provided that is located at the same elevation as the public access route.

Date Submitted	4/1/2010	Section	419.4.2.6.1	Proponent	James Gregory
Chapter	4	Affects HVHZ	No	Attachments	No
TAC Recommendation	Approved as Modified				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

Revises this section for clarity and to bring it into conformity with the rest of the section.

Rationale

This modification requires all new units to meet the hurricane impact requirements of this section and allows the units to be self protected.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There is no impact to the local entity relative to code enforcement.

Impact to building and property owners relative to cost of compliance with code

There is no impact to building and property owners relative to cost of compliance with code because this is already in the code. This modification allows more flexibility to meet this section.

Impact to industry relative to the cost of compliance with code

There is not impact to the industry on cost because this requirement is already in the code. This modification allows more flexibility to meet this section.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Improves the safety of the patients in hospitals.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Strengthens the code for all new HVAC units.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

It does not discriminate against materials, products, or methods or systems.

Does not degrade the effectiveness of the code

Improves the effectiveness of the code.

419.4.2.6.1 All new A air-moving equipment, dx condensing units, through-wall units and other HVAC equipment located outside of, ~~partially outside of,~~ or on the roof of the ~~new facility or wing or floor addition to an existing~~ facility and providing service to the ~~new facility or wing or floor addition to an existing~~ facility shall be permitted only when either of the following are met:

419.4.2.6.1.1 They are located inside a penthouse designed to meet the wind load requirements of the Florida Building Code, Building; or

419.4.2.6.1.2 Their fastening systems are designed to meet the wind load requirements of the Florida Building Code, Building and they and all associated equipment are protected as required by TAS 201,202, and 203 specified in Sections 1626.2 through 1626.4 in accordance with the requirements of Sections 1626.2 thru 1626.4 of this code from damage by horizontal impact by a separate and independent structure that allows access to all parts of the equipment at all times or

419.4.2.6.1.3 They are completely protected by the equipment shrouding that meets the requirements of TSAAS 201, 202, and 203 in accordance with the requirements of Sections 1626.2-1626.4 of this code.

419.4.2.6.1 All new A air-moving equipment, dx condensing units, through-wall units and other HVAC equipment located outside of, partially outside of, or on the roof of the ~~new facility or wing or floor addition to an existing~~ facility and providing service to the ~~new facility or wing or floor addition to an existing~~ facility shall be permitted only when either of the following are met:

419.4.2.6.1.1 They are located inside a penthouse designed to meet the wind load requirements of the Florida Building Code, Building; or

419.4.2.6.1.2 Their fastening systems are designed to meet the wind load requirements of the Florida Building Code, Building and they and all associated equipment are protected as required by TAS 201,202, and 203 specified in Sections 1626.2 through 1626.4 in accordance with the requirements of Sections 1626.2 thru 1626.4 of this code from damage by horizontal impact by a separate and independent structure that allows access to all parts of the equipment at all times or

419.4.2.6.1.3 They are completely protected by the equipment shrouding that meets the requirements of TSA 201,202,and 203 in accordance with the requirements of Sections 1626.2-1626.4 of this code.

Date Submitted	4/1/2010	Section	420.4.2.2	Proponent	James Gregory
Chapter	4	Affects HVHZ	No	Attachments	No
TAC Recommendation	Approved as Modified				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

Revises section for clarity.

Rationale

Revises section for clarity for existing building located in surge zones.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There is no impact to local entity to code enforcement.

Impact to building and property owners relative to cost of compliance with code

There is no cost impact to building owners.

Impact to industry relative to the cost of compliance with code

There is no cost impact to industry.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Protects the safety of residents by clarifying the code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Improves the code by clarifying this section.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate against any materials, products, methods or systems.

Does not degrade the effectiveness of the code

Improves the effectiveness of the code by clarifying this section.

420.4.2.2 Site standards.

~~420.4.2.2.1 All new facilities and additions to existing facilities shall be located above the 100-year flood plain or hurricane Category 3 (Saffir-Simpson scale) hurricane surge inundation elevation, whichever requires the highest elevation; or~~

420.4.2.2.1 Except as permitted by Section 1612 of this code, the lowest floor of all new facilities shall be elevated to the Base Flood Elevation as defined in Section 1612 of this code, plus 2 feet, or to the height of hurricane Category 3 (Saffir-Simpson scale) surge inundation elevation, as described by the Sea, Lake, and Overland Surge (SLOSH) from Hurricanes model developed by the Federal Emergency Management Agency (FEMA), United States Army Corps of Engineers (USACE), and the National Weather Service (NWS), whichever is higher.

~~420.4.2.2.2 The floor elevations of all new additions to existing facilities of the occupied resident area(s) and all resident support area(s) and resident support utilities, including mechanical, electrical (except fuel storage as noted in Section 420.4.2.9.3 of this code) and food services shall be located above the 100-year flood plain or hurricane Category 3 (Saffir-Simpson scale) hurricane surge inundation elevations, whichever requires the highest elevation.~~

420.4.2.2.2 For all existing facilities, the lowest floor elevations of all additions, and all resident support areas including food service, and all resident support utilities, including mechanical, and electrical (except fuel storage as noted in Section 420.4.2.9.3 of this code) for the additions shall be at or above the elevation of the existing building, if the existing building was designed and constructed to comply with either the site standards of section 420.4 of this code or local flood resistant requirements, in effect at the time of construction, unless otherwise permitted by Section 1612 of this code. If the existing building was constructed prior to the adoption of either the site standards of 420.4 of this code or local flood resistant requirements, then the addition and all resident support areas and utilities for the addition as described in this section shall either be designed and constructed to meet the requirements of Section 420.4.2.2.1 of this code or be designed and constructed to meet the dry flood proofing requirements of Section 1612 of this code.

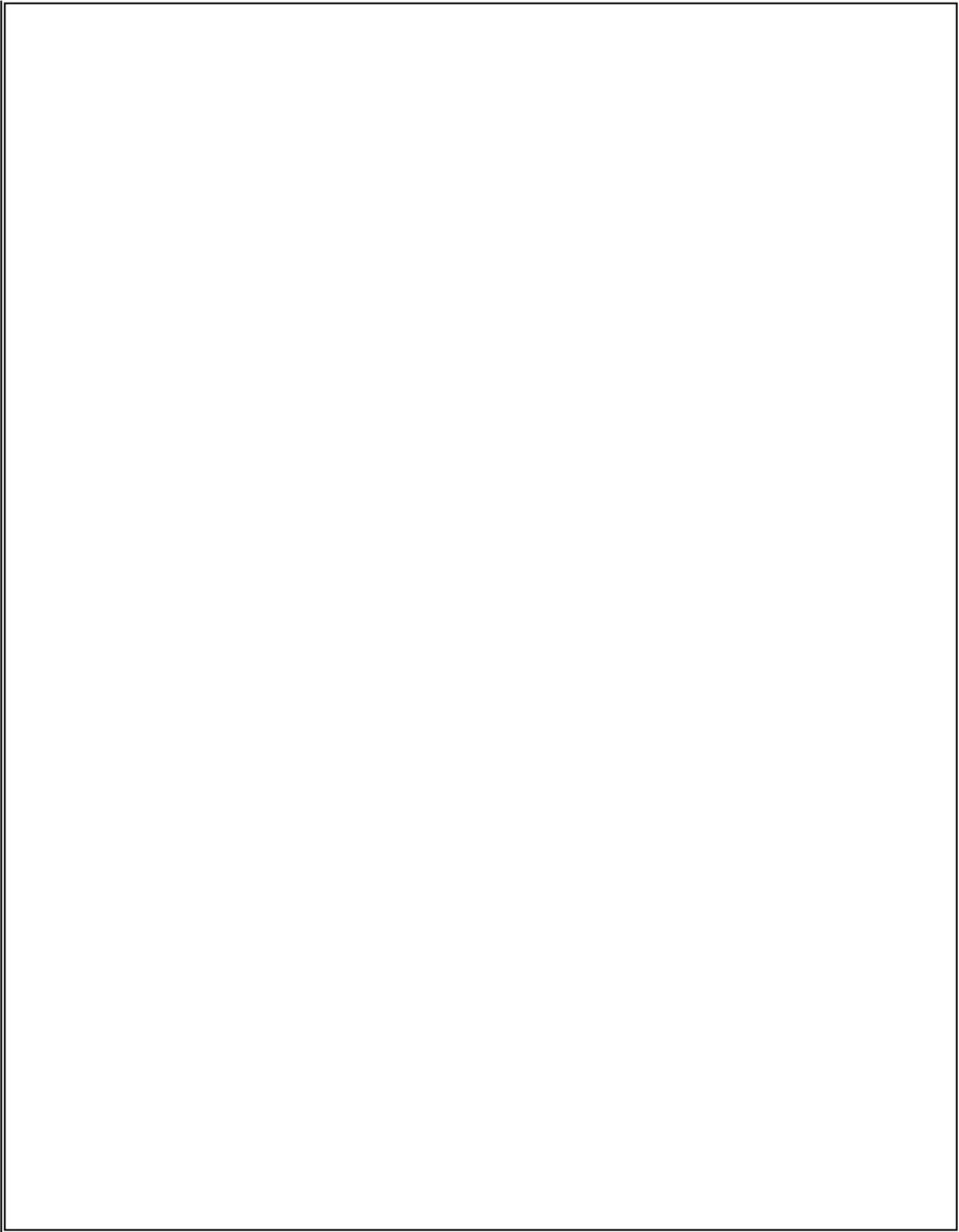
~~420.4.2.2.3 New The floor elevations of all new additions or of floors added to existing facilities, as determined by their site locations, shall meet either the requirements of Section 420.4.2.2.1 or 420.4.2.2.2 of this Code, or be so designed and constructed as to be in compliance with the current standards of the National Flood Insurance Program of the Federal Emergency management Agency, applicable at the time of preliminary plan approval and incorporated by reference and available from Federal Emergency management Agency, Federal Insurance Administration, Attn. Publications, P.O. Box 70274, Washington, D.C. 20024.~~

420.4.2.2.3 Substantial improvement, as defined by Section 1612 of this code, to all existing facilities located within flood areas as defined in Section 1612 of this code or within a Category 3 surge inundation zone as described in Section 420.4.2.2.1 of this code, shall be designed and constructed in compliance with Section 1612 of this code.

420.4.2.2.4 Where an off-site public access route is available to the new facility at or above the 100-year flood plain, base flood elevation, a minimum of one on-site emergency access route shall be provided that is located at the same elevation as the public access route. (A1)

420.4.2.2.5 New landscaping elements shall be located so if damaged they will not block the on-site emergency access route to the facility. Outdoor signs and their foundations shall be designed to meet the wind load criteria of the Florida Building Code, Building.

420.4.2.2.6 New light standards and their foundations used for lighting the on-site emergency access route shall be designed to meet the wind load criteria of the as described in the American Society of Civil Engineers (ASCE 7), 50-year recurrence interval of wind velocity with appropriate exposure category dependent on site location.



SP4294-A1

Proponent James Gregory Submitted 5/31/2010 Attachments Yes

Rationale

This revision to modification 4294 is necessary to correct some outdated language, add correct references, and coordinate with section 1612 of this code. This should be coordinated with modification 3880.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There is no impact to local entity relative to enforcement.

Impact to building and property owners relative to cost of compliance with code

There is no impact to property owners relative to cost.

Impact to industry relative to the cost of compliance with code

There is no impact to industry relative to cost of compliance.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Improves the health and safety of residents in nursing homes

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Strengthens the code by better clarity and coordination.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate against material products or etc.

Does not degrade the effectiveness of the code

Does not degrade the effectiveness of the code.

420.4.2.2 Site standards.

420.4.2.2.1 All new facilities and additions to existing facilities shall be located above the 100-year flood plain or hurricane Category 3 (Saffir-Simpson scale) hurricane surge inundation elevation, whichever requires the highest elevation; or

420.4.2.2.2 The floor elevations of all new additions to existing facilities of the occupied patient area(s) and all patient support area(s) and patient support utilities, including mechanical, electrical (except fuel storage as noted in Section 420.4.2.9.3 of this code) and food services shall be located above the 100-year flood plain or hurricane Category 3 (Saffir-Simpson scale) hurricane surge inundation elevations, whichever requires the highest elevation.

420.4.2.2.3 ~~New~~ The floor elevations of all new additions or of floors added to existing facilities, as determined by their site locations, shall meet either the requirements of Section 420.4.2.2.1 or 420.4.2.2.2 of this Code, or be so designed and constructed as to be in compliance with the current standards of the National Flood Insurance Program of the Federal Emergency management Agency, applicable at the time of preliminary plan approval and incorporated by reference and available from Federal Emergency management Agency, Federal Insurance Administration, Attn. Publications, P.O. Box 70274, Washington, D.C. 20024.

420.4.2.2.4 Where an off-site public access route is available to the new facility at or above the 100-year flood plain, a minimum of one on-site emergency access route shall be provided that is located at the same elevation as the public access route.

420.4.2.2.5 New landscaping elements shall be located so if damaged they will not block the on-site emergency access route to the facility. Outdoor signs and their foundations shall be designed to meet the wind load criteria of the Florida Building Code, Building.

420.4.2.2.6 New light standards and their foundations used for lighting the on-site emergency access route shall be designed to meet the wind load criteria ~~of the~~ as described in the American Society of Civil Engineers ([ASCE 7](#)), 50-year recurrence interval of wind velocity with appropriate exposure category dependent on site location.

420.4.2.2.1 All new facilities and additions to existing facilities shall be located above the 100-year flood plain or hurricane Category 3 (Saffir-Simpson scale) hurricane surge inundation elevation, whichever requires the highest elevation; or

420.4.2.2.1 Except as permitted by Section 1612 of this code, the lowest floor of all new facilities shall be elevated to the Base Flood Elevation as defined in Section 1612 of this code, plus 2 feet, or to the height of hurricane Category 3 (Saffir-Simpson scale) surge inundation elevation, as described by the Sea, Lake, and Overland Surge (SLOSH) from Hurricanes model developed by the Federal Emergency Management Agency (FEMA), United States Army Corps of Engineers (USACE), and the National Weather Service (NWS), whichever is higher.

~~420.4.2.2.2 The floor elevations of all new additions to existing facilities of the occupied resident area(s) and all resident support area(s) and resident support utilities, including mechanical, electrical (except fuel storage as noted in Section 420.4.2.9.3 of this code) and food services shall be located above the 100-year flood plain or hurricane Category 3 (Saffir-Simpson scale) hurricane surge inundation elevations, whichever requires the highest elevation.~~

420.4.2.2.2 For all existing facilities, the lowest floor elevations of all additions, and all resident support areas including food service, and all resident support utilities, including mechanical, and electrical (except fuel storage as noted in Section 420.4.2.9.3 of this code) for the additions shall be at or above the elevation of the existing building, if the existing building was designed and constructed to comply with either the site standards of section 420.4 of this code or local flood resistant requirements, in effect at the time of construction, unless otherwise permitted by Section 1612 of this code. If the existing building was constructed prior to the adoption of either the site standards of 420.4 of this code or local flood resistant requirements, then the addition and all resident support areas and utilities for the addition as described in this section shall either be designed and constructed to meet the requirements of Section 420.4.2.2.1 of this code or be designed and constructed to meet the dry flood proofing requirements of Section 1612 of this code.

~~420.4.2.2.3 New The floor elevations of all new additions or of floors added to existing facilities, as determined by their site locations, shall meet either the requirements of Section 420.4.2.2.1 or 420.4.2.2.2 of this Code, or be so designed and constructed as to be in compliance with the current standards of the National Flood Insurance Program of the Federal Emergency management Agency, applicable at the time of preliminary plan approval and incorporated by reference and available from Federal Emergency management Agency, Federal Insurance Administration, Attn. Publications, P.O. Box 70274, Washington, D.C. 20024.~~

420.4.2.2.3 Substantial improvement, as defined by Section 1612 of this code, to all existing facilities located within flood areas as defined in Section 1612 of this code or within a Category 3 surge inundation zone as described in Section 420.4.2.2.1 of this code, shall be designed and constructed in compliance with Section 1612 of this code.

420.4.2.2.4 Where an off-site public access route is available to the new facility at or above the 100-year flood plain, base flood elevation, a minimum of one on-site emergency access route shall be provided that is located at the same elevation as the public access route.

Date Submitted 4/2/2010	Section 420.4.	Proponent James Gregory
Chapter 4	Affects HVHZ No	Attachments No
TAC Recommendation	Approved as Modified	
Commission Action	Pending Review	

Related Modifications

Summary of Modification

Revises these sections to coordinate with the requirements of the code.

Rationale

Brings this section into coordinated compliance with the code. Clarifies this section of the code for users.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There is no impact on local entity for enforcement.

Impact to building and property owners relative to cost of compliance with code

There is no impact to building or property owners relative to cost.

Impact to industry relative to the cost of compliance with code

There is no impact to industry.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Clarifies the code to increase safety of residents.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Improves the code by clarification of requirements.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate against materials, products, methods or systems.

Does not degrade the effectiveness of the code

Improves the effectiveness of the code by clarification and coordination.

420.4.2.5 Exterior unit standards.

~~420.4.2.5.1~~ All exterior window units, skylights, exterior louvers and exterior door units including vision panels and their anchoring systems shall ~~be designed to resist the wind load requirements of the code and the debris impact requirements in [Sections 1626.2](#) through [1626.4](#), be impact resistant or protected with an impact resistant covering meeting the requirements of the Testing Application Standards (TAS) 201, 202, and 203 of this code in accordance with the requirements of Sections 1626.2 thru 1626.4 of this code. The impact resistant coverings may be either permanently attached or may be removable if stored on site of the facility.~~

~~420.4.2.5.2~~ Permanently attached protective systems such as shutters and baffling shall be designed to meet the wind load requirements of this code and the debris impact requirements as specified in [Sections 1626.2](#) through [1626.4](#).

~~420.4.2.5.3~~ Removable protective systems designed to intricately fit with the wall/window system of the facility and stored on site at the facility and that meet the wind load requirements of the code, and debris impact requirements of [Sections 1626.2](#) through [1626.4](#) may be used to protect the exterior units.

~~420.4.2.5.4~~ All anchoring and attachment to the building of both the permanently attached and removable protective systems shall be designed to meet wind load requirements of the code, and impact requirements of [Sections 1626.2](#) through [1626.4](#). These designs shall be signed, sealed and dated by a Florida registered structural engineer.

~~420.4.2.5.5~~ The glazed openings inside or outside of the protective systems shall meet the cyclical loading requirements specified by [Sections 1626.2](#) through [1626.4](#).

~~420.4.2.5.6~~ 2 All of the exterior impact protective systems shall be designed and installed so that they do not come in contact with the glazing under uniform, impact or cyclic pressure loading. The location or application of exterior impact protective systems shall not prevent required exit egress from the building.

~~420.4.2.5.7~~ 3 When not being utilized to protect the windows, the permanently attached impact resistant coverings protective systems shall not reduce the percentage of the clear window opening below that required by this code for the patient room.

420.4.2.5 Exterior unit standards.

~~420.4.2.5.1 All exterior window units, skylights, exterior louvers and exterior door units including vision panels and their anchoring systems shall be designed to resist the wind load requirements of the code and the debris impact requirements in [Sections 1626.2 through 1626.4](#) be impact resistant or protected with an impact resistant covering meeting the requirements of the Testing Application Standards (TAS) 201, 202, and 203 of this code in accordance with the requirements of Sections 1626.2 thru 1626.4 of this code. The impact resistant coverings may be either permanently attached or may be removable if stored on site of the facility.~~

~~420.4.2.5.2 Permanently attached protective systems such as shutters and baffling shall be designed to meet the wind load requirements of this code and the debris impact requirements as specified in [Sections 1626.2 through 1626.4](#).~~

~~420.4.2.5.3 Removable protective systems designed to intricately fit with the wall/window system of the facility and stored on site at the facility and that meet the wind load requirements of the code, and debris impact requirements of [Sections 1626.2 through 1626.4](#) may be used to protect the exterior units.~~

~~420.4.2.5.4 All anchoring and attachment to the building of both the permanently attached and removable protective systems shall be designed to meet wind load requirements of the code, and impact requirements of [Sections 1626.2 through 1626.4](#). These designs shall be signed, sealed and dated by a Florida registered structural engineer.~~

~~420.4.2.5.5 The glazed openings inside or outside of the protective systems shall meet the cyclical loading requirements specified by [Sections 1626.2 through 1626.4](#).~~

~~420.4.2.5.6 All of the exterior impact protective systems shall be designed and installed so that they do not come in contact with the glazing under uniform, impact or cyclic pressure loading. The location or application of exterior impact protective systems shall not prevent required exit egress from the building.~~

~~420.4.2.5.7 When not being utilized to protect the windows, the permanently attached impact resistant coverings ~~protective systems~~ shall not reduce the percentage of the clear window opening below that required by this code for the patient room.~~

Date Submitted 4/2/2010
Chapter 4

Section 421.3.12
Affects HVHZ No

Proponent James Gregory
Attachments No

TAC Recommendation Approved as Modified
Commission Action Pending Review

Related Modifications

Summary of Modification

Clarifies this section.

Rationale

Clarifies this section.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There is no impact to local entity.

Impact to building and property owners relative to cost of compliance with code

There is no impact to building or property owners.

Impact to industry relative to the cost of compliance with code

There is no impact to industry.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Clarifies the code to improve patient safety.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Improves the code by providing clarification to the user.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate against materials, products, methods or systems.

Does not degrade the effectiveness of the code

Improves the effectiveness of the code by clarifying it.


421.3.12 Fire alarm systems.


421.3.12.1 A fire alarm annunciator panel shall be provided per facility or building within the ~~ASC Ambulatory Surgical Center~~ at a location that is constantly attended during the facility's hours of operation and shall annunciate any fire alarm in the building from any manual or automatic fire alarm device. The panel shall indicate the zone of actuation of the alarm, and there shall be a trouble signal indicator.

421.3.12.2 A shared building fire alarm system shall be permitted.

421.3.12.3 Each smoke compartment shall be annunciated as a separate fire alarm zone. A fire alarm system zone shall not include rooms or spaces in other smoke compartments and shall be limited to a maximum area of 22,500 square feet (2090 m²).

421.3.12 Fire alarm systems.

 **421.3.12.1** A fire alarm annunciator panel shall be provided per facility or building within the ASC at a location that is constantly attended during the facility's hours of operation and shall annunciate any fire alarm in the building from any manual or automatic fire alarm device. The panel shall indicate the zone of actuation of the alarm, and there shall be a trouble signal indicator.

 **421.3.12.2** A shared building fire alarm system shall be permitted.

421.3.12.3 Each smoke compartment shall be annunciated as a separate fire alarm zone. A fire alarm system zone shall not include rooms or spaces in other smoke compartments and shall be limited to a maximum area of 22,500 square feet (2090 m²).

Date Submitted 4/2/2010	Section 419.3.12.1	Proponent James Gregory
Chapter 4	Affects HVHZ No	Attachments No
TAC Recommendation	Approved as Submitted	
Commission Action	Pending Review	

Related Modifications

Summary of Modification

Clarifies this section.

Rationale

This is a clarification of the fan control requirement. It was never intended to require fan shut down from the activation of a manual pull station or a duct smoke detector. Because this is not made clear in this section, designers must correct their designs to omit the fan shut down from manual activation. Manual activation from false alarms can create a degradation of the indoor air for no emergency reason.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There is no impact to local entity.

Impact to building and property owners relative to cost of compliance with code

There is no impact to building or property owners.

Impact to industry relative to the cost of compliance with code

There is no impact to industry.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Clarifies the code to improve patient safety.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Improves the code by providing clarification to the user.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate against materials, products, methods or systems.

Does not degrade the effectiveness of the code

Improves the effectiveness of the code by clarifying it.

419.3.12.1 During an automatic fire alarm activation, except for activation by a duct smoke detector, fan systems and fan equipment serving more than one room shall be stopped to prevent the movement of smoke by mechanical means from the zone in alarm to adjacent smoke zones.

Date Submitted 4/2/2010	Section 419.4.2.5	Proponent James Gregory
Chapter 4	Affects HVHZ No	Attachments No
TAC Recommendation	Approved as Submitted	
Commission Action	Pending Review	

Related Modifications

Summary of Modification

Clarifies and coordinates this section with the code.

Rationale

Revises language to better coordinate with the code and to clarify this section.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There is no impact to local entity.

Impact to building and property owners relative to cost of compliance with code

There is no impact to building and property owners.

Impact to industry relative to the cost of compliance with code

There is no impact to industry.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Clarifies the code and increases safety of the patients.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Improves the code by clarification and coordination.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate against materials, products, methods or systems.

Does not degrade the effectiveness of the code

Improves the effectiveness of the code.

419.4.2.5 Exterior unit standards.

~~419.4.2.5.1 All exterior window units, skylights, exterior louvers and exterior door units including vision panels and their anchoring systems shall be designed to resist the wind load requirements of the code and the debris impact requirements in [Sections 1626.2 through 1626.4](#) be impact resistant or protected with an impact resistant covering meeting the requirements of the Testing Application Standards (TAS) 201, 202, and 203 of this code in accordance with the requirements of Sections 1626.2 thru 1626.4 of this code. The impact resistant coverings may be either permanently attached or may be removable if stored on site of the facility.~~


~~419.4.2.5.2 Permanently attached protective systems such as shutters and baffling shall be designed to meet the wind load requirements of this code and the debris impact requirements as specified in [Sections 1626.2 through 1626.4](#).~~

~~419.4.2.5.3 Removable protective systems designed to intricately fit with the wall/window system of the facility and stored on site at the facility and that meet the wind load requirements of the code, and debris impact requirements of [Sections 1626.2 through 1626.4](#) may be used to protect the exterior units.~~

~~419.4.2.5.4 All anchoring and attachment to the building of both the permanently attached and removable protective systems shall be designed to meet wind load requirements of the code, and impact requirements of [Sections 1626.2 through 1626.4](#). These designs shall be signed, sealed and dated by a Florida registered structural engineer.~~

~~419.4.2.5.5 The glazed openings inside or outside of the protective systems shall meet the cyclical loading requirements specified by [Sections 1626.2 through 1626.4](#).~~

~~419.4.2.5.6 All of the exterior impact protective systems shall be designed and installed so that they do not come in contact with the glazing under uniform, impact or cyclic pressure loading. The location or application of exterior impact protective systems shall not prevent required exit egress from the building.~~

~~ 419.4.2.5.7 When not being utilized to protect the windows, the permanently attached impact resistant coverings protective systems shall not reduce the percentage of the clear window opening below that required by this code for the patient room.~~

Date Submitted 4/2/2010
Chapter 4

Section 419.4.2.6.4
Affects HVHZ No

Proponent James Gregory
Attachments No

TAC Recommendation Approved as Submitted
Commission Action Pending Review

Related Modifications

Summary of Modification

Adds clarifying language to the section.

Rationale

This adds clarifying language to help the user to understand the intent of this requirement.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There is no impact to local entity.

Impact to building and property owners relative to cost of compliance with code

There is no impact to building or property owners.

Impact to industry relative to the cost of compliance with code

There is no impact to industry.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Clarifies the code to improve safety for the patient.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Improves the code by clarification.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate against materials, products, methods or systems.

Does not degrade the effectiveness of the code

Improves the effectiveness of the code by clarification.

419.4.2.6.4 Ventilation air change rates in occupied patient areas shall be maintained as specified in this section during and immediately following a disaster by connection to the essential electrical system.

Date Submitted	4/2/2010	Section	419.4.2.9.1.5	Proponent	James Gregory
Chapter	4	Affects HVHZ	No	Attachments	No
TAC Recommendation	Approved as Submitted				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

Adds hurricane requirement for this section.

Rationale

This adds a requirement to connect some lighting necessary for the care and service to patients to the essential electrical system.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There is no impact to local entity.

Impact to building and property owners relative to cost of compliance with code

There may be some additional cost to the building owner to have lighting inside the facility during a power outage to supply care to the patients.

Impact to industry relative to the cost of compliance with code

There is no impact to industry.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Adds a requirement for back up lighting for the health and safety of patients during a power outage in a hospital.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Improves the code by adding a safety requirement.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate against materials, products, methods or systems.

Does not degrade the effectiveness of the code

Improves the effectiveness of the code for the health and safety of the patients.

419.4.2.9.1.5 Electric lighting required to provide care and service to the patient occupied areas and the necessary patient support areas shall be connected to the essential electrical system.

Date Submitted	4/1/2010	Section	420.4.2.6.1	Proponent	James Gregory
Chapter	4	Affects HVHZ	No	Attachments	No
TAC Recommendation	Approved as Submitted				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

clarity and to bring it into conformity with the rest of the section.

Rationale

This modification requires all new units to meet the hurricane impact requirements of this section and allows the units to be self protected.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There is no impact to the local entity relative to code enforcement.

Impact to building and property owners relative to cost of compliance with code

There is no impact to building and property owners relative to cost of compliance with code because this is already in the code. This modification allows more flexibility to meet this section.

Impact to industry relative to the cost of compliance with code

There is not impact to the industry on cost because this requirement is already in the code. This modification allows more flexibility to meet this section..

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Improves the safety of the patients in nursing homes.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Strengthens the code for all new HVAC units.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

It does not discriminate against materials, products, or methods or systems.

Does not degrade the effectiveness of the code

Improves the effectiveness of the code.

420.4.2.6.1 All new A air-moving equipment, dx condensing units, through-wall units and other HVAC equipment located outside of, partially outside of, or on the roof of the ~~new facility or wing or floor addition to an existing~~ facility and providing service to the ~~new facility or wing or floor addition to an existing~~ facility shall be permitted only when either of the following are met:

420.4.2.6.1.1 They are located inside a penthouse designed to meet the wind load requirements of the Florida Building Code, Building; or

420.4.2.6.1.2 Their fastening systems are designed to meet the wind load requirements of the Florida Building Code, Building and they and all associated equipment are protected as required by TAS 201,202, and 203 specified in Sections 1626.2 through 1626.4 in accordance with the requirements of Sections 1626.2 thru 1626.4 of this code from damage by horizontal impact by a separate and independent structure that allows access to all parts of the equipment at all times or

420.4.2.6.1.3 They are completely protected by the equipment shrouding that meets the requirements of TAS 201,202,and 203 in accordance with the requirements of Sections 1626.2-1626.4 of this code.

Date Submitted 4/2/2010
Chapter 4

Section 420.4.2.6.4
Affects HVHZ No

Proponent James Gregory
Attachments No

TAC Recommendation Approved as Submitted
Commission Action Pending Review

Related Modifications

Summary of Modification

Adds clarifying language to the section.

Rationale

This adds clarifying language to help the user to understand the intent of this requirement.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There is no impact to local entity.

Impact to building and property owners relative to cost of compliance with code

There is no impact to building or property owners.

Impact to industry relative to the cost of compliance with code

There is no impact to industry.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Clarifies the code to improve safety for the patient.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Improves the code by clarification.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate against materials, products, methods or systems.

Does not degrade the effectiveness of the code

Improves the effectiveness of the code by clarification.

420.4.2.6.4 Ventilation air change rates in occupied patient areas shall be maintained as specified in this section during and immediately following a disaster by connection to the essential electrical system.

Date Submitted	4/2/2010	Section	420.4.2.9.1.5	Proponent	James Gregory
Chapter	4	Affects HVHZ	No	Attachments	No
TAC Recommendation	Approved as Submitted				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

Adds hurricane requirement for this section.

Rationale

This adds a requirement to connect some lighting necessary for the care and service to residents to the essential electrical system.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There is no impact to local entity.

Impact to building and property owners relative to cost of compliance with code

There may be some additional cost to the building owner to have lighting inside the facility during a power outage to supply care to the residents.

Impact to industry relative to the cost of compliance with code

There is no impact to industry.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Adds a requirement for back up lighting for the health and safety of residents during a power outage in a nursing home.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Improves the code by adding a safety requirement.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate against materials, products, methods or systems.

Does not degrade the effectiveness of the code

Improves the effectiveness of the code for the health and safety of the residents.

420.4.2.9.1.5 Electric lighting required to provide care and service to the patient occupied areas and the necessary patient support areas shall be connected to the essential electrical system.

Date Submitted 4/2/2010	Section 421.3.6.1	Proponent James Gregory
Chapter 4	Affects HVHZ No	Attachments No
TAC Recommendation	Approved as Submitted	
Commission Action	Pending Review	

Related Modifications

Summary of Modification

Clarifies location of HVAC equipment.

Rationale

Clarifies where HVAC equipment may be located.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There is no impact to local entity.

Impact to building and property owners relative to cost of compliance with code

There is no impact to building and property owners.

Impact to industry relative to the cost of compliance with code

There is no impact to industry.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Clarifies the code for the user makes the patient safer.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Improves the code by adding clarification.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate against materials, products, methods or systems.

Does not degrade the effectiveness of the code

Improves the effectiveness of the code for the health and safety of the residents.

421.3.6.1 Air-handling equipment shall be located either on the roof of the building it serves or in mechanical equipment rooms unless it serves only one room and is located in that room. In buildings with multiple uses, tenants or occupancies, the licensed health care areas required by this code to maintain filter efficiencies and relative air pressure relationships shall be served by separate ducted mechanical air supply, return and exhaust systems. This equipment may be located in other areas of the building or in the same room as the building air-handling equipment if access during normal business hours is available.

Date Submitted 4/2/2010
Chapter 4

Section 421.3.7.1
Affects HVHZ No

Proponent James Gregory
Attachments No

TAC Recommendation Approved as Submitted
Commission Action Pending Review

Related Modifications

Summary of Modification

Clarifies this section.

Rationale

This is a clarification of the fan control requirement. It was never intended to require fan shut down from the activation of a manual pull station or a duct smoke detector. Because this is not made clear in this section, designers must correct their designs to omit the fan shut down from manual activation. Manual activation from false alarms can create a degradation of the indoor air for no emergency reason.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There is no impact to local entity.

Impact to building and property owners relative to cost of compliance with code

There is no impact to building or property owners.

Impact to industry relative to the cost of compliance with code

There is no impact to industry.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Clarifies the code to improve patient safety.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Improves the code by providing clarification to the user.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate against materials, products, methods or systems.

Does not degrade the effectiveness of the code

Improves the effectiveness of the code by clarifying it.

421.3.7.1 During an automatic fire alarm activation, except for activation by a duct smoke detector, fan systems and fan equipment serving more than one room shall be stopped to prevent the movement of smoke by mechanical means from the zone in alarm to adjacent smoke zones or to adjacent areas within the smoke zone if there is only one zone in the facility.

Date Submitted	3/18/2010	Section	423.10	Proponent	Jon Hamrick
Chapter	4	Affects HVHZ	No	Attachments	No
TAC Recommendation	Approved as Submitted				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

Requires water irrigation systems on public school district properties and Florida college properties to be equipped with soil moisture sensors. This is a requirement of Section 373.62, Florida Statutes. Renumbers building code sections that follow new language.

Rationale

Required by 2009 Legislative Session, Senate Bill 494.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

None

Impact to building and property owners relative to cost of compliance with code

Additional cost for the installation of soil moisture sensors and control systems. Cost savings for shutting down automatic irrigation systems when soils contain sufficient moisture should more than offset the additional cost for providing the sensors.

Impact to industry relative to the cost of compliance with code

None

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Required by Section 373.62, Florida Statutes.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Required by Section 373.62, Florida Statutes.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

This change does not discriminate against materials, products, methods, or system of construction.

Does not degrade the effectiveness of the code

This change aligns the building code requirements with current Florida Statute requirements.

423.10.7 Landscaping. Refer to Section 1013.64(5), Florida Statutes, for school board and community college requirements. Xeriscape is defined in Section 373.185, Florida Statutes.

423.10.8 Water irrigation systems shall be equipped with soil moisture sensors that will override the irrigation systems cycle when soil contains sufficient moisture.

423.10.~~9~~8 Transmission line right-of-way. Buildings, play areas, and common use areas shall not be located within a high-voltage power transmission line right-of-way.

423.10.~~10~~9 School site master plan. New schools planned after the effective date of these standards shall include, as applicable: facility design capacity; floodplain locations; covered accessible walks; infrastructure locations for, and extensions of, technology, telephone, electricity, fire alarm; and, where applicable, water and sewer utilities, and relocatables.

Date Submitted	3/18/2010	Section	423.18	Proponent	Jon Hamrick
Chapter	4	Affects HVHZ	No	Attachments	No
TAC Recommendation	Approved as Submitted				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

Deletes duplicate occupancy capacity requirements found in Chapter 10, Florida Building Code, Building, from Section 423.18.1 of the same volume. Renumbers section.

Rationale

Removes duplicate requirements found in Chapter 10 of the code.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

None

Impact to building and property owners relative to cost of compliance with code

None

Impact to industry relative to the cost of compliance with code

None

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Removes duplicate requirements found in Chapter 10 of the code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Strengthens and improves the code by deleting duplicate requirements found in the code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

This change does not discriminate against materials, products, methods, or system of construction.

Does not degrade the effectiveness of the code

Improves the effectiveness of the code by deleting duplicate requirements.

423.18 Assembly occupancies in public educational facilities.

~~423.18.1 Occupant capacity of an assembly occupancy shall be calculated as follows for egress shall be in accordance with Table 1004.1.1 except as follows::~~

~~423.18.1.1 Auditorium. The number of fixed seats, including accessible seating, in the main seating area plus the stage at 15 net square feet (1.4 m²) per person, plus dressing Dressing Rooms. Dressing rooms at 20 net square feet (2 m²) per person.~~

~~423.18.1.2 Gymnasium/gymnasium with stage. The number of fixed and telescopic bench-type bleacher seats at 18 linear inches (457 mm) per person, including accessible seating, plus the main court area at 15 gross square feet (1.4 m²) per person, plus locker rooms at 5 net square feet (.5 m²) per person, plus stage at 15 net square feet (1.4 m²) per person, plus dressing rooms at 20 net square feet (2 m²) per person. Bleachers shall be accessible as required.~~

~~423.18.1.3 Dining rooms/cafetorium with stage/multipurpose room. The main floor area at 15 gross square feet (1.4 m²) per person, plus the stage at 15 net square feet (1.4 m²) per person, plus dressing rooms at 20 net square feet (2 m²) per person, plus the kitchen at 100 gross square feet (9 m²) per person.~~

~~423.18.1.34 Classrooms and labs. Exiting capacity for classrooms shall be calculated at 20 net square (2 m²) feet per occupant. Exiting capacity for laboratories shall be calculated at 50 net square feet (5 m²) per occupant. If spaces are combined through the use of folding partitions, the capacity and exiting shall be based on the capacity of all the spaces joined.~~

~~423.18.1.5 Stadiums. The number of fixed bench type bleacher seats at 18 linear inches (457 mm) per person, plus accessible seating.~~

~~423.18.1.46 Small Group Areas in Media Centers centers. The reading room and stacks floor area at 36 net square feet (3.3 m²) per person, plus a small group room or area (view and preview) in Media Centers at 5 net square feet (.5 m²) per person.~~

~~423.18.1.57 Closed circuit television production, distribution, and control. The main floor area at 15 net square feet (1.4 m²) per person.~~

~~423.18.1.68 Interior courtyards. The interior courtyard area at 15 gross square feet (1.4 m²) per person. Raised, dedicated landscape areas may be deducted.~~

Date Submitted	3/18/2010	Section	423.3	Proponent	Jon Hamrick
Chapter	4	Affects HVHZ	No	Attachments	No
TAC Recommendation	Approved as Submitted				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

Raises the threshold for performing day-labor projects and for when a licensed contractor is required to bid on capital improvement projects from \$200,000 to \$300,000. This change reflects current Florida Statute requirements.

Rationale

Threshold limits for day-labor projects and for competitively bidding construction contracts were raised during the 2009 legislative session, see Section 255.20 and 1013.45, Florida Statutes

Fiscal Impact Statement

Impact to local entity relative to enforcement of code
None

Impact to building and property owners relative to cost of compliance with code
None

Impact to industry relative to the cost of compliance with code
None

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public
Required by Sections 255.20 and 1014.45, Florida Statutes.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction
Required by Sections 255.20 and 1014.45, Florida Statutes.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities
This change aligns the building code requirements with current Florida Statute requirements.

Does not degrade the effectiveness of the code
This change aligns the building code requirements with current Florida Statute requirements.

423.3.5 Day labor projects. Any one construction project estimated to cost \$~~200~~300,000 or less where bonafide board employees or contracted labor provide the work. Day labor projects are subject to the same Florida Building Code and the Uniform Fire Safety Standards as adopted by the State Fire Marshal as new construction.

423.3.6 Routine maintenance. Maintenance projects are subject to the same Florida Building Code and Uniform Fire Safety Standards as adopted by the State Fire Marshal as new construction. Chapter 489, Florida Statutes, exempts boards from the use of a licensed general contractor for projects up to \$~~200~~300,000 where bonafide board employees provide the work. Maintenance projects estimated to cost more than \$~~200~~300,000 and which include construction, renovation and/or remodeling, shall be reviewed for compliance with the code.

Date Submitted 3/23/2010	Section 423.8.4	Proponent Jon Hamrick
Chapter 4	Affects HVHZ No	Attachments No
TAC Recommendation Approved as Submitted		
Commission Action Pending Review		

Related Modifications

3507

Summary of Modification

Add exemption for installing a fire sprinkler system in an existing educational occupancy. This exemption is proposed by Modification 3507 to be removed from Section 903.2.3

Rationale

This modification is in response to Modification 3507. If Modification 3507 is approved the exception allowed by the code will no longer apply to public educational buildings. According to the rationale for Modification 3507, the language is covered in the Existing Building Code. Public education facilities are exempt from the Existing Building Code, therefore this exemption would not be able to be applied to public educational buildings if Modification 3507 is approved.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

None

Impact to building and property owners relative to cost of compliance with code

Keeps an already established exemption available for public educational occupancies to use.

Impact to industry relative to the cost of compliance with code

None

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Modification replicates an existing code requirement into Section 423 for public educational facilities. Modification 3507 proposes to delete this requirement in section 903.2.3 because it is already in the Existing Building Code (EBC). Public educational facilities are exempt from the EBC.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Modification replicates an existing code requirement into Section 423 for public educational facilities. Modification 3507 proposes to delete this requirement in section 903.2.3 because it is already in the Existing Building Code (EBC). Public educational facilities are exempt from the EBC.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

This modification does not discriminate against materials, products, methods, or systems of construction.

Does not degrade the effectiveness of the code

Modification replicates an existing code requirement into Section 423 for public educational facilities. Modification 3507 proposes to delete this requirement in section 903.2.3 because it is already in the Existing Building Code (EBC). Public educational facilities are exempt from the EBC.

1st Comment Period History

04/15/2010 - 06/01/2010

Proponent Tom Hogarth	Submitted 5/14/2010	Attachments No
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Comment:

Recommend support of this modification.

SP3690-G1

423.8.4.1 An automatic fire sprinkler system is not required in existing educational buildings unless 50 percent of the aggregate area of the building is being remodeled.

Date Submitted 3/26/2010
Chapter 4

Section 428.4.1
Affects HVHZ No

Proponent Ila Jones
Attachments No

TAC Recommendation Approved as Submitted
Commission Action Pending Review

Related Modifications

Summary of Modification

Clarifies the expiration date of approved manufactured building plans upon effective date of new code.

Rationale

Proposed modification reflects the findings of the Florida Building Commission in Declaratory Statement DCA 08-DEC-209 relative to the cut off date for constructing buildings to previously approved manufactured building plans after implementation of new codes.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

Reduces plan review costs for manufacturers and prospective customers by allowing manufacturers to build to approved plans for an additional 180 days as long as a signed contract is in place on last effective date of old code.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Allows manufacturers and customers to anticipate the cost of the building based on the code in place at time of design and plan review.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Improves the code by incorporating the findings of the Florida Building Commission in Declaratory Statement DCA 08-DEC-209 into the Florida Building Code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate.

Does not degrade the effectiveness of the code

Does not degrade.

428.4.1 Plan approval expiration. Plan approvals for manufactured buildings shall expire upon the effective date of the new code. Upon revision, of the Florida Building Code, plan approvals shall expire upon ~~the latter of the effective date of that revision or 90 days from adoption of that revision by the Florida Building Commission~~ unless the manufacturer files with the department a sworn statement by ~~an third party agency~~ that the plans have been reviewed and ~~that they~~ are in compliance with the revisions to the Florida Building Code. The Agency shall transmit plans electronically through the Building Code Information System to the Department.

Exception: In accordance with section 105.3.7, 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 Community Affairs.

Date Submitted	3/26/2010	Section	428.5	Proponent	Ila Jones
Chapter	4	Affects HVHZ	No	Attachments	No
TAC Recommendation	Approved as Submitted				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

Deletes language that has been adopted in Rule 9B-1, Florida Administrative Code, regarding recertification of previously approved manufactured buildings. Also, deletes language that is not supported by Section 553.375, Recertification of Manufactured Buildings

Rationale

Programmatic language adopted in Rule 9B-1, Florida Administrative Code, is duplicated in the Florida Building Code.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact

Impact to building and property owners relative to cost of compliance with code

No impact

Impact to industry relative to the cost of compliance with code

No impact

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Eliminates code language that is not supported by Section 553.375, Florida Statutes.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Improves the code by eliminating language duplicated in 9B-1, F.A.C. or not supported by Section 553.375, Florida Statutes.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate.

Does not degrade the effectiveness of the code

Does not degrade the code.

~~428.5.1 On site modifications. On site modification to manufactured buildings must be inspected by either a third party agency or by the authority having jurisdiction and must comply with the Florida Building Code. The authority having jurisdiction has superseding authority over any onsite modifications to a manufactured building or may delegate this authority to the department in writing on a case by case basis. Upon issuance of a certificate of occupancy for the modified manufactured building, the old insignia shall be removed and returned to the department.~~

~~428.5.2 In order to recertify a previously approved used manufactured building that is being relocated and not otherwise altered, the owner must provide the approved inspection agency with a set of the original approved plans for the building and any modification of the building. As built plans shall be acceptable as an alternative to approved plans for factory built schools manufactured prior to building with those plans and certifies to the department that the building is in compliance with the applicable codes, the approved inspection agency shall affix a recertification insignia to the building. If a building complied with the code in effect on the date of the original plan approval, the applicable code as set forth above shall be that which was in effect on the date of the original plan approval. The relocation of a manufactured building does not constitute an alteration.~~

Date Submitted 3/26/2010	Section 428.5	Proponent Ila Jones
Chapter 4	Affects HVHZ No	Attachments No
TAC Recommendation Approved as Submitted		
Commission Action Pending Review		

Related Modifications

Summary of Modification

Removes language from the code that has been adopted in Rule 9B-1, Florida Administrative Code regarding factory-built schools. Clarifies that code inspections for factory-built schools can be performed by a DCA approved agency.

Rationale

Programmatic language adopted in Rule 9B-1, Florida Administrative Code, is duplicated in the Florida Building Code.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Deletes code language previously adopted in 9B-1, Florida Administrative Weekly.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Improves code by deleting duplicative language.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate.

Does not degrade the effectiveness of the code

Does not degrade the code.

Alternate Language

1st Comment Period History

04/15/2010 - 06/01/2010

Proponent Tom Hogarth **Submitted** 5/24/2010 **Attachments** Yes

SP3933-A1

Rationale

I support this modification with changes as described. According to FAC 9B-1.028, School Boards are only responsible for inspecting the site installation and annual inspections. School Boards are no longer responsible for ensuring or providing inspection compliance of the manufacturing process. The Department insignia attests to compliance of the building with the Florida Building Code. School Boards and/or their code enforcement authorities are only expected to verify the units have an in

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

Relieves school board staff or agents from having to visit remote factories to inspect relocatables.

Impact to building and property owners relative to cost of compliance with code

Cost savings for School boards which are the property owners.

Impact to industry relative to the cost of compliance with code

No impact as code modification acheives compliance with rule the industry is currently following.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

No impact

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Removes code-code and code-rule conflict.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

No impact.

Does not degrade the effectiveness of the code

Improves the effectiveness of the code by removing conflicit.

1st Comment Period History

04/15/2010 - 06/01/2010

SP3933-G1

Proponent Ila Jones Submitted 5/24/2010 Attachments No

Comment:

In regards to 3399-A1, s.553.415(9), Florida Statutes, states " The school district or community college district for which any factory-built school building is constructed after July 1, 2001, shall provide for periodic inspection of the proposed factory-built school building during each phase of construction or alteration. The inspector shall act under the direction of the governing board for employment purposes. This does not prevent a school district or community college district from purchasing or using a factory-built school that has been inspected during all phases of construction or alteration after July 1,2001 by another school district or community college district or by an approved inspection agency certified pursuant to s.553.36(2)."

1st Comment Period History 04/15/2010 - 06/01/2010

SP3933-G2

Proponent Ila Jones Submitted 5/24/2010 Attachments No

Comment:

Section 553.415(9), Florida Statutes, states " The school district or community college district for which any factory-built school building is constructed or altered after July 1,2001, shall provide for periodic inspection of the proposed factory-built school building during each phase of construction or alteration. The inspector shall act under the direction of the governing board for employment purposes. This subsection does not prevent a school district or community college district from purchasing or otherwise using a factory-built school building that has been inspected during all phases of construction or alteration conducted after July 1, 2001, by another school district or community college or by an approved inspection agency certified pursuant to s.553.36(2)."

1st Comment Period History 04/15/2010 - 06/01/2010

SP3933-G3

Proponent Joe Bigelow Submitted 5/24/2010 Attachments No

Comment:

Test

~~428.5~~ ~~428.6~~ Factory-built schools, plan review (also see Section 423, State Rrequirements for Education Facilities). Plan review of plans for newly constructed factory-built schools shall be performed by the ~~third party~~ agency selected by the department. An applicant for plan approval shall submit complete plans to ~~the an~~ agency in the manner and format agreed to by the agency and the applicant. ~~Plan submittals shall include a schedule of inspections which shall be performed periodically as necessary to ensure that the building complies with applicable standards.~~ Upon determination by the agency that the submitted plans ~~submitted~~ comply with all applicable standards, the agency shall certify such determination by affixing an approval stamp on each page of the plans, and shall return one copy to the applicant, maintain an original set, and submit one copy electronically to the department. The agency shall be compensated for the actual cost of the plan review by the applicant. No manufacturing activity shall commence until plan approval has been obtained from the ~~third party~~ agency. Plan review at a minimum shall include those items identified in Chapter 1 hereof. ~~Plans for modification of factory built schools shall be reviewed by an approved third party agency selected by the manufacturer as set forth in 9B-1.009, Florida Administrative Code.~~

428.5.1 ~~428.7~~ Factory-built schools, inspections and work progress reports (also see Section 423, State Rrequirements for Education Facilities).

428.5.2 ~~428.7.1~~ Inspectors. The school board or community college (educational entity) which is to utilize the factory-built school shall be responsible for compliance with inspection requirements. Inspections may be performed by an agency.

(change the modification to delete proposed 428.5.2, formally known as 428.7.1)

~~428.5.2 428.7.1 Inspectors. The school board or community college (educational entity) which is to utilize the factory built school shall be responsible for compliance with inspection requirements. Inspections may be performed by an agency.~~

(also expand proposed modification to delete a related code section in 423 as follows:)

~~423.27.19 Inspection of units during construction. Boards shall provide for the inspection of relocatables during construction, as required by the Florida Building Code, as authorized by statute.~~

Date Submitted	3/26/2010	Section	428	Proponent	Ila Jones
Chapter	4	Affects HVHZ	No	Attachments	No
TAC Recommendation	Approved as Submitted				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

This modification contains edits to Section 428 that maintains consistency with Rule 9B-1, Florida Administrative Code.

Rationale

This modification contains edits to Section 428 to maintain consistency with Rule 9B-1, Florida Administrative Code.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact.

Impact to building and property owners relative to cost of compliance with code

No impact.

Impact to industry relative to the cost of compliance with code

No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Clarifies intent of the code and maintains consistency with Rule 9B-1, Florida Administrative Code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Improves code by clarifying the intent of the code and maintaining consistency with Rule 9B-1, Florida Administrative Code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate.

Does not degrade the effectiveness of the code

Does not degrade the code.

428.2.1 "~~Third-party Agency~~" means an individual or entity authorized to perform inspections of or review plans for manufactured buildings as provided by Rule 9B-1, Florida Administrative Code.

428.2.2 "Factory-built school" means any building designed or intended for use as a school building which is manufactured in whole or in part at an off-site facility, including prefabricated educational facilities, factory-built educational facilities and modular built educational facilities that are designed to be portable, relocatable, demountable or reconstructible, are used primarily as classrooms or the components of an entire school and do not fall under the provisions of Sections 320.822-320.862, Florida Statutes.

428.2.3 Department. Refers to Department of Community Affairs.

428.3 Inspections. Inspection of installation of manufactured buildings and construction activities conducted at the site of the installation shall be conducted pursuant to Chapter 1 hereof. Inspections during the manufacturing process shall be conducted by those ~~third-party~~ agencies as follows:

428.3.1 Inspections shall be conducted at the manufacturing facility by an appropriately licensed representative of an ~~third-party~~ agency selected by the manufacturer. The inspections shall be to ensure that the buildings are being manufactured in compliance with the applicable codes and the approved plans. Once an ~~third-party~~ agency has inspected a manufactured building, the manufacturer shall not seek to have the building inspected by another agency, nor shall any agency inspect a building that has already been inspected by another agency unless the subsequent inspection is at the direction of the department or unless the building or modification thereto is being inspected for recertification by the department.

428.3.2.3 During each inspection, the agency shall verify ~~that~~ the manufacturer's in-plant quality control program is working as set forth in the approved quality control manual.

428.3.2.4 Should work stop on a particular module or component for a period of two months, reinspection shall be required.

428.3.3 When an ~~third-party~~ agency discovers a deviation from the code or the approved plans which creates or threatens to create an imminent life safety hazard, all buildings or components which have progressed through that stage of production since the agency's previous inspection shall be inspected to ensure the absence of that deviation, and the agency shall immediately notify the manufacturer and the department in writing. Any building or component exhibiting the deviation shall be brought into conformance with the applicable code ~~or~~ and the approved plans by the manufacturer within thirty days of notification of the deviation by the ~~third-party~~ agency. The corrective action must be left available for reinspection by the ~~third-party~~ agency.

428.3.4 The ~~third-party~~ agency shall note all inspections, deviations and corrective actions in a written inspection report and shall complete the inspection report portion of the building code information system available via the Internet.

428.3.5 The agency shall give a copy of the inspection report(s) to the manufacturer for record and shall retain another copy. The agency or the manufacturer shall provide a copy of an inspection report to the department when requested.

428.4 Design plan and systems approval. Plan review pertaining to installation of manufactured buildings and construction activities conducted at the site of the installation shall be conducted pursuant to Chapter 1 hereof. Plan review pertaining to construction activities occurring within the manufacturing process shall be conducted by ~~these third-party~~ Department approved agencies, as follows: ~~third-party agencies shall review plans in conformity with Chapter 1 hereof and the following additional requirements: If the plans are for a residential manufactured building, certification from the design professional responsible for the plans that the structure has been designed only for erection or installation on a site-built foundation in accordance with this code. If the residential manufactured building is transportable in one or more sections and is 8 body feet or more in width or 40 body feet (12 192 mm) or more in length, or, when erected on site, is 320 square feet (29 m2) or more, and which is built on a permanent chassis, the manufacturer shall certify that the manufactured building has been excluded from regulation by the United States Department of Housing and Urban Development.~~

428.4.2 Evidence of ~~third-party~~ agency approval. Approved plans and specifications shall be evidenced by a letter of certification ~~certificate~~ from the agency. No manufacturing activity shall commence until plan approval has been obtained from the agency.

Approved copies of the design plans and specifications shall be returned to the manufacturer with an agency approval letter indicating the limitations, if any, of such approval. An approved copy of the plans shall be available at each place of manufacture, which shall be made available for inspection and monitoring. Upon approval of the plans, the ~~third-party~~ agency shall electronically submit a copy of the plans bearing the approval stamp, with a list of any limitations of that plan approval, to the department together, with a list of any limitations of that plan approval, and a separate copy of the plans and limitations on compact disk in a readable format via the Building Code Information System at www.floridabuilding.org

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Date Submitted	4/2/2010	Section	437.2.8.1	Proponent	James Gregory
Chapter	4	Affects HVHZ	No	Attachments	No
TAC Recommendation	Approved as Submitted				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

Corrects the type of essential electrical system for use in a Hospice.

Rationale

Currently the way this paragraph is written would require the same essential electrical systems as a hospital that has life support systems. Because a hospice provides palliative care but no life support, the essential electrical system should not be a Type I, Level I system but instead should be a Type III, Level II system.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

Has no Impact.

Impact to building and property owners relative to cost of compliance with code

Has no Impact.

Impact to industry relative to the cost of compliance with code

Has no Impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Corrects the code to prevent costly unintended results and makes the code clearer to the user.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Corrects the code to prevent costly unintended results and makes the code clearer to the user.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

It does not discriminate against any materials or products or methods or systems of construction.

Does not degrade the effectiveness of the code

Corrects the code to prevent costly unintended results and makes the code clearer to the user.

437.2.8.1 A Type + III essential electrical system shall be provided in all hospice facilities as described in National Fire Protection Association Life Safety Code 99, "Health Care Facilities", and incorporated by reference in Rule 69A-3.012, F.A.C. The emergency power for this system shall meet the requirements of a Level+ II, type 10, Class 48 generator as described in National Fire Protection Association Life Safety Code 110, "Emergency Standby Power Systems", and incorporated by reference in Rule 69A-3.012, F.A.C.

Date Submitted	3/2/2010	Section	3001	Proponent	DOUG MELVIN
Chapter	30	Affects HVHZ	No	Attachments	No
TAC Recommendation	Approved as Submitted				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

Revise section 3001.1 Scope: clarify administrative Note.; revise section 3001.2 consistent with references in section 3001.1 Scope; revise ASME national standard title; revise sections 3001.3 and 3001.5; and revise definitions in Section 3001.6.

Rationale

This modification provides continuity and clarifies code references, and merges the 2007 FBC Florida Supplements and the 2009 IBC code to update the Florida Elevator Safety Code consistent with the industry.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There will not be any cost related to this modification. This modification merges the International Building Code (IBC) revisions and the Florida Building Code (FBC). The benefit will be to formalize the triennial code for equitable enforcement.

Impact to building and property owners relative to cost of compliance with code

There will not be any cost related to this modification. This modification merges IBC code revisions and the FBC. The benefit will be to formalize the triennial code for equitable compliance.

Impact to industry relative to the cost of compliance with code

There will not be any cost related to this modification. This modification merges IBC code revisions and the FBC. The benefit will be to formalize the triennial code for equitable compliance.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

The migration of the 2007 FBC Florida Supplements and the 2009 IBC code provides for the enhanced health, safety, and welfare of the general public consistent with the industry.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

It will harmonize the FBC 2007 and IBC 2009 code to include industry standard ASME A17 Safety Code for Elevators and Escalators to strengthen and improve the Florida Elevator Safety Code, and provide equivalent or better products, methods, or systems of construction.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

This code merge does not discriminate against materials, products, methods, or systems of construction.

Does not degrade the effectiveness of the code

This code merge does not degrade the effectiveness of the code.

SECTION 3001**GENERAL****REVISE sections 3001.1 through 3001.3 to read as follows:**

3001.1 Scope. This chapter governs the design, construction, installation, alteration, ~~and~~ repair and maintenance of elevators and conveying systems and their components.

Note: Other administrative and programmatic provisions may apply. See the Department of Business and Professional Regulation [DBPR] Chapter 399, Florida Statutes, and 61C-5, Florida Administrative Code. The regulation and enforcement of the following sections of the adopted codes, and their addenda, are preempted to the Bureau of Elevator Safety of the Department of Business and Professional regulation: ASME A17.1, ~~Part 8~~, ASME A17.3, ~~Sections 1.2, 1.5~~, ASME A18.1, ~~Part 10~~.

3001.2 Referenced standards. Except as otherwise provided for in this code, the design, construction, installation, alteration, repair and maintenance of elevators and conveying systems and their components shall conform to ASME A17.1/CSA B44, ~~ASME A17.1S~~, ASME A17.3 and ASME A18.1, ASME A90.1, ASME B20.1, ALI ALCTV, and ASCE 24-05 for construction in flood hazard areas.

The Division of Hotels and Restaurants may grant exceptions, variances and waivers to the Elevator Safety Code as authorized by the ~~Elevator Safety Code~~ Safety Code for Elevators and Escalators (ASME A17.1, Section 1.2) and Florida Statutes (Chapter 120.)

3001.3 Accessibility. Passenger elevators are required to be accessible by Chapter 11. ~~shall conform to ICC A117.1.~~

REVISE Section 3001.5 to read as follows:**3001.5 Design, installation and alteration of elevators.**

3001.5.1 Each new elevator shall comply with the Florida Elevator Safety Code that was in effect at the time of receipt of application for the construction permit for the elevator.

3001.5.2 Each alteration to, or relocation of, an elevator shall comply with the Florida Elevator Safety Code that was in effect at the time of receipt of the application for the construction permit for the alteration or relocation.

3001.5.3 All existing elevators shall comply with ASME A17.3**REVISE Section 3001.6 to read as follows:**

3001.6 As used in this chapter, the term:

~~**ALTERATION.** Any change or addition to the vertical conveyance other than maintenance, repair or replacement.~~

ALTERATION. Any change to equipment, including its parts, components, and/or subsystems, other than maintenance, repair, or replacement.

CERTIFICATE OF OPERATION means a document issued by the department which indicates that the conveyance has had the required safety inspection and tests and that fees have been paid as provided in this Chapter 399, FS.

CONVEYANCE. An elevator, dumbwaiter, escalator, moving sidewalk, platform lift and stairway chairlift.

DEPARTMENT. For the purpose of this section, means the Department of Business and Professional Regulation.

DIVISION. For the purpose of this section, means the Division of Hotels and Restaurants of the Department of Business and Professional Regulation.

ELEVATOR. One of the following mechanical devices:

- (a) A hoisting and lowering mechanism, equipped with a car and platform that moves in guide rails and serves two or more landings to transport material or passengers or both.
- (b) An escalator, which is a power-driven, inclined continuous stairway used for raising or lowering passengers.
- (c) A dumbwaiter, which is a hoisting and lowering mechanism equipped with a car of limited size which moves in guide rails and serves two or more landings.
- (d) A moving walk, which is a type of passenger-carrying device on which passengers stand or walk and in which the passenger-carrying surface remains parallel to its direction of motion and is uninterrupted.
- (e) An inclined stairway chairlift, which is a device used to transport physically handicapped persons over architectural barriers.
- (f) An inclined or vertical wheelchair lift, which is a device used to transport wheelchair handicapped persons over architectural barriers.

Exceptions:

Personnel hoists and material hoists within the scope of ASME A10.

Man lifts within the scope of ASME A90.1.

Mobile scaffolds, towers, and platforms within the scope of ANSI A92.

Powered platforms and equipment for exterior and interior maintenance within the scope of ASME A120.1.

Conveyors and related equipment within the scope of ASME B20.1.

Cranes, derricks, hoists, hooks, jacks and slings within the scope of ASME B30.

Industrial trucks within the scope of ASME B56.

Portable equipment, except for portable escalators that are covered by this code.

Tiered or piling machines used to move materials to and from storage located and operating entirely within one story.

Equipment for feeding or positioning materials at machine tools and printing presses.

Skip or furnace hoists.

Wharf ramps.

Railroad car lifts or dumpers.

Line jacks, false cars, shafters, moving platforms and similar equipment used for installing an elevator by a contractor licensed in this state.

Automated people movers at airports.

Elevators in television and radio towers.

Hand-operated dumbwaiters.

Sewage pump station lifts.

Automobile parking lifts.

Equipment covered in Section 1.1.2 of the ~~Elevator Safety Code~~ ASME A17.1 Safety Code for Elevators and Escalators.

Elevators, inclined stairway chairlifts, and inclined or vertical wheelchair lifts located in private residences.

ESCALATOR. An installation defined as an escalator in the Florida Building Code.

EXISTING INSTALLATION. An installation defined as an “installation, existing” in the Florida Building Code.

PRIVATE RESIDENCE. A separate dwelling or a separate apartment in a multiple dwelling which is occupied by members of a single family.

Date Submitted	3/2/2010	Section	3004	Proponent	DOUG MELVIN
Chapter	30	Affects HVHZ	No	Attachments	No
TAC Recommendation	Approved as Submitted				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

REVISE section 3004.3.1 to replace International Code reference with Florida Building Code reference.

Rationale

This change corrects an incorrect reference to code. The proposed modification will merge the 2007 FBC Florida Supplements and the 2009 IBC code to update the Florida Elevator Safety Code consistent with the industry.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There will not be any cost related to this modification. This modification merges the International Building Code (IBC) revisions and the Florida Building Code (FBC). The benefit will be to formalize the triennial code for equitable enforcement.

Impact to building and property owners relative to cost of compliance with code

There will not be any cost related to this modification. This modification merges IBC code revisions and the FBC. The benefit will be to formalize the triennial code for equitable compliance.

Impact to industry relative to the cost of compliance with code

There will not be any cost related to this modification. This modification merges IBC code revisions and the FBC. The benefit will be to formalize the triennial code for equitable compliance.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

The migration of the 2007 FBC Florida Supplements and the 2009 IBC code provides for the enhanced health, safety, and welfare of the general public consistent with the industry.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

It will harmonize the FBC 2007 and IBC 2009 code to include industry standard ASME A17 Safety Code for Elevators and Escalators to strengthen and improve the Florida Elevator Safety Code, and provide equivalent or better products, methods, or systems of construction.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

This code merge does not discriminate against materials, products, methods, or systems of construction.

Does not degrade the effectiveness of the code

This code merge does not degrade the effectiveness of the code.

SECTION 3004**HOISTWAY VENTING**

REVISE section 3004.3.1 to read as follows:

3004.3.1 Reduced vent area. Where mechanical ventilation conforming to the ~~International~~ Florida Building Code, Mechanical Code is provided, a reduction in the required vent area is allowed provided that all of the following conditions are met:

1. The occupancy is not in Group R-1, R-2, I-1 or I-2 or of a similar occupancy with overnight sleeping units.
2. The vents required by Section 3004.2 do not have outside exposure.
3. The hoistway does not extend to the top of the building.
4. The hoistway and machine room exhaust fan is automatically reactivated by thermostatic means.
5. Equivalent venting of the hoistway is accomplished.

Date Submitted	3/2/2010	Section	3005	Proponent	DOUG MELVIN
Chapter	30	Affects HVHZ	No	Attachments	No
TAC Recommendation	Approved as Submitted				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

REVISE section 3005.4 to remove reference to seismic restraint and to change sentence structure, and remove type of (a major) alteration.

Rationale

This modification removes the reference to seismic restraint to eliminate unnecessary construction and tests, and deletes the undefined type (a major) alteration of a personnel hoist. The proposed modification will merge the 2007 FBC Florida Supplements and the 2009 IBC code to update the Florida Elevator Safety Code consistent with the industry.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There will not be any cost related to this modification. This modification merges the International Building Code (IBC) revisions and the Florida Building Code (FBC). The benefit will be to formalize the triennial code for equitable enforcement.

Impact to building and property owners relative to cost of compliance with code

There will not be any cost related to this modification. This modification merges IBC code revisions and the FBC. The benefit will be to formalize the triennial code for equitable compliance.

Impact to industry relative to the cost of compliance with code

There will not be any cost related to this modification. This modification merges IBC code revisions and the FBC. The benefit will be to formalize the triennial code for equitable compliance.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

The migration of the 2007 FBC Florida Supplements and the 2009 IBC code provides for the enhanced health, safety, and welfare of the general public consistent with the industry.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

It will harmonize the FBC 2007 and IBC 2009 code to include industry standard ASME A17 Safety Code for Elevators and Escalators to strengthen and improve the Florida Elevator Safety Code, and provide equivalent or better products, methods, or systems of construction.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

This code merge does not discriminate against materials, products, methods, or systems of construction.

Does not degrade the effectiveness of the code

This code merge does not degrade the effectiveness of the code.

SECTION 3005**CONVEYING SYSTEMS****REVISE section 3005.4.****3005.4 Personnel and material hoists. Change to read as shown.**

3005.4 Personnel and material hoists. Personnel and material hoists shall be designed utilizing an approved method that accounts for the conditions imposed during the intended operation of the hoist device. The design shall include, but is not limited to, anticipated loads, structural stability, impact, vibration, and stresses ~~and seismic restraint~~. The design shall account for the construction, installation, operation and inspection of the hoist tower, car, machinery and control equipment, guide members and hoisting mechanism. Additionally, the design of personnel hoists shall include provisions for field testing and maintenance which will demonstrate that the hoist device functions in accordance with the design. Field tests shall be conducted upon the completion of an installation or following ~~a major~~ alteration of a personnel hoist.

Date Submitted 3/25/2010
Chapter 30

Section 3008
Affects HVHZ No

Proponent DOUG MELVIN
Attachments No

TAC Recommendation Approved as Submitted
Commission Action Pending Review

Related Modifications

Summary of Modification

REVISE section 3008.2 to read as follows.

Rationale

This change utilizes the 2009 IBC language for Occupant Evacuation Elevators and revises the code references. The overall revision will integrate the 2007 FBC Florida Supplement and the 2009 IBC code to update the Florida Elevator Safety Code consistent with the industry.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There will not be any cost related to this modification. This modification merges International Building Code (IBC) revisions and the Florida Building Code (FBC). The benefit will be to formalize the triennial code for equitable enforcement.

Impact to building and property owners relative to cost of compliance with code

Modification costs will be incorporated in building design upgrades to include hoistway, lobby access and enclosures, and other new code compliance features. The IBC code merge with the FBC will ensure equitable compliance and benefit the industry with new safety requirements in the triennial code.

Impact to industry relative to the cost of compliance with code

There will not be any cost related to this modification. This modification merges IBC code revisions and the FBC. The benefit will be to formalize the triennial code for equitable compliance.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

The migration of the 2007 FBC Florida Supplements and the 2009 IBC code provides for the enhanced health, safety, and welfare of the general public consistent with the industry.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

It will harmonize the FBC 2007 and IBC 2009 code to include industry ASME A17 Safety Code for Elevators and Escalators and Referenced Standards to strengthen and improve the Florida Elevator Safety Code, and provide equivalent or better products, methods, or systems of construction.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

This code merge does not discriminate against materials, products, methods, or systems of construction.

Does not degrade the effectiveness of the code

This code merge does not degrade the effectiveness of the code.

SECTION 3008**OCCUPANT EVACUATION ELEVATORS**

REVISE section 3008.2 to read as follows:

3008.2 Fire safety and evacuation plan. The building shall have an approved fire safety and evacuation plan in accordance with the applicable requirements of Section 404 of the ~~International~~ Florida Fire Prevention Code. The fire safety and evacuation plan shall incorporate specific procedures for the occupants using evacuation elevators.

Date Submitted	3/2/2010	Section	3009	Proponent	DOUG MELVIN
Chapter	30	Affects HVHZ	No	Attachments	No
TAC Recommendation	Approved as Submitted				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

REVISE Section 3009 to reformat for outline numbering form

Rationale

This change reformats the section into numbered outline form and merges Florida Elevator Accessibility requirements of the 2007 FBC Florida Supplements into the 2010 code to update the Florida Elevator Safety Code.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There will not be any cost related to this modification. This modification merges the Florida Elevator Safety Code and the Florida Building Code (FBC) revisions. The benefit will be to formalize the code for equitable enforcement.

Impact to building and property owners relative to cost of compliance with code

There will not be any cost related to this modification. This modification merges the Florida Elevator Safety Code and the FBC revisions. The benefit will be to formalize the code for equitable compliance.

Impact to industry relative to the cost of compliance with code

There will not be any cost related to this modification. This modification merges the Florida Elevator Safety Code and the FBC revisions. The benefit will be to formalize the industry code for equitable compliance.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

The migration of the 2007 FBC Florida Supplements into the 2010 code provides for the enhanced health, safety, and welfare of the general public.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

This change will strengthen and improve the Florida Elevator Safety Code by providing equivalent or better products, methods, or systems of construction through the regulated process, documented inspections and tests of the finished work to determine code conformance.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

This code merge does not discriminate against materials, products, methods, or systems of construction.

Does not degrade the effectiveness of the code

This code merge does not degrade the effectiveness of the code.

SECTION 3009**ELEVATOR ACCESSIBILITY REQUIREMENTS FOR THE PHYSICALLY HANDICAPPED****REVISE Section 3009 to reformat in outline number form to read as follows.**

Each elevator must be made accessible to physically handicapped persons with the following requirements:

1-3009.1 In a building having any elevators that do not provide access to every floor level, elevator hallway call buttons on all main levels of ingress and on any floor that is commonly served by more than one group of elevators must be marked with Arabic and braille symbols that indicate floor levels to which access is provided. The symbols must be placed directly above each call button.

2-3009.2 Each elevator car interior must have a support rail on at least one wall. All support rails must be smooth and have no sharp edges and must not be more than 1½ inches (38 mm) thick or 2½ inches (63 mm) in diameter. Support rails must be continuous and a minimum length of 42 inches (1067 mm) overall.

The inside surface of support rails must be 1½ inches (38 mm) clear of the car wall. The distance from the top of the support rail to the finished car floor must be at least 31 inches (787 mm) and not more than 33 inches (838 mm). Padded or tufted material or decorative materials such as wallpaper, vinyl, cloth or the like may not be used on support rails.

1-3009.3 A bench or seat may be installed on the rear wall of the elevator car enclosure, if the bench or seat does not protrude beyond the vertical plane of the elevator car enclosure wall when folded into a recess provided for the bench or seat and, when not in use, the bench or seat automatically folds into the recess. The bench or seat must be capable of supporting a live load of at least 250 pounds (113.4 kg) on any 12-inch by 12-inch (305 mm by 305 mm) area. A padded, tufted or other decorative material may not be used to cover the bench or seat; or may the bench or seat encroach on the minimum clear inside-car dimensions specified in this section.

This section applies only to elevators available for the transportation of the public. This section does not apply to elevators restricted by key or similar device to a limited number of persons in a building that has an elevator that otherwise meets the requirements of this section or to elevators used only for the transportation of freight. However, elevators that are used as freight and passenger elevators for the public and employees must comply with this section. This section does not apply to dumbwaiters or escalators.

This section supersedes all other state regulations and local ordinances and rules affecting the accessibility of passenger elevators to the physically handicapped, and the standards established by this section may not be modified by municipal or county ordinance.

Date Submitted	3/3/2010	Section	3012	Proponent	DOUG MELVIN
Chapter	30	Affects HVHZ	No	Attachments	No
TAC Recommendation	Approved as Submitted				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

REVISE and renumber in outline numbering format for Section 3012

Rationale

This change will renumber the modification into outline format and migrate the 2007 FBC Florida Supplements into the 2010 code to update the Florida Elevator Safety Code.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There will not be any cost related to this modification. This modification merges the Florida Elevator Safety Code and the Florida Building Code (FBC) revisions. The benefit will be to formalize the code for equitable enforcement.

Impact to building and property owners relative to cost of compliance with code

There will not be any cost related to this modification. This modification merges the Florida Elevator Safety Code and the FBC revisions. The benefit will be to formalize the code for equitable compliance.

Impact to industry relative to the cost of compliance with code

There will not be any cost related to this modification. This modification merges the Florida Elevator Safety Code and the FBC revisions. The benefit will be to formalize the industry code for equitable compliance.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

The migration of the 2007 FBC Florida Supplements into the 2010 code provides for the enhanced health, safety, and welfare of the general public.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

This change will strengthen and improve the Florida Elevator Safety Code by providing equivalent or better products, methods, or systems of construction through the regulated process, documented inspections and tests of the finished work to determine code conformance.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

This code merge does not discriminate against materials, products, methods, or systems of construction.

Does not degrade the effectiveness of the code

This code merge does not degrade the effectiveness of the code.

SECTION 3012 BULLETIN BOARDS

REVISE Section 3012 to reformat with outlined numbered form to read as follows.

3012.1 Bulletin boards.

1-3012.1.1 Bulletin boards and frames used in elevator cars shall not create any conditions which will be unsafe for users of the elevator car. Users shall include:

- a. Disabled persons;
- b. Persons confined to wheelchairs; and
- c. All other persons who may operate the elevator car in its normal course of use.

2-3012.1.2 Bulletin boards shall not protrude more than 1 inch (25.4 mm) beyond the vertical line of the car wall. They shall not encroach on any clearances required to be maintained in the elevator by Chapter 399, Florida Statutes, and ASME A17.1.

3-3012.1.3 Bulletin boards shall be framed and all edges must be smooth and rounded. No sharp edges of any kind shall protrude.

4-3012.1.4 A glass or plastic cover shall be provided. Glass, if used, must meet the following requirements:

- a. Be laminated;
- b. Meet the requirement for laminated glass as set forth in ANSI Z97.1;
- c. The cover shall be securely held in place by the frame.

5-3012.1.5 The frame and bulletin board shall be permanently fastened to the car wall in such a manner so that all parts including the cover in place will withstand any and all tests required of the elevator.

6-3012.1.6 All materials used shall be fire resistive equal to the requirements of the cab enclosure.

7-3012.1.7 The bottom of the bulletin boards shall not be less than 5 feet (1524 mm) above the cab floor, and the total area shall not exceed 4 square feet (0.37 m²).

Date Submitted	3/25/2010	Section	3013	Proponent	DOUG MELVIN
Chapter	30	Affects HVHZ	No	Attachments	No
TAC Recommendation	Approved as Submitted				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

REVISE Section 3013 to replace an obsolete chart with text for clarity, remove ambiguity of purpose, and advise that an elevator construction permit is required when certain work is performed.

Rationale

This change replaces an obsolete chart with text to remove ambiguity and migrates the 2007 FBC Florida Supplements into the 2010 code to update the Florida Elevator Safety Code.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There will not be any cost related to this modification. This modification merges the Florida Elevator Safety Code and the Florida Building Code (FBC) revisions. The benefit will be to formalize the code for equitable enforcement.

Impact to building and property owners relative to cost of compliance with code

There will not be any cost related to this modification. This modification merges the Florida Elevator Safety Code and the FBC revisions. The benefit will be to formalize the code for equitable compliance.

Impact to industry relative to the cost of compliance with code

There will not be any cost related to this modification. This modification merges the Florida Elevator Safety Code and the FBC revisions. The benefit will be to formalize the industry code for equitable compliance.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

The migration of the 2007 FBC Florida Supplements into the 2010 code provides for the enhanced health, safety, and welfare of the general public.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

This change will strengthen and improve the Florida Elevator Safety Code by providing equivalent or better products, methods, or systems of construction through the regulated process, documented inspections and tests of the finished work to determine code conformance.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

This code merge does not discriminate against materials, products, methods, or systems of construction.

Does not degrade the effectiveness of the code

This code merge does not degrade the effectiveness of the code.

SECTION 3013

ALTERATIONS TO ELECTRIC AND HYDRAULIC ELEVATORS AND ESCALATORS

REVISE Section 3013.1 and REPLACE Section 3013.1 to read as shown.

3013.1 Alterations to electric and hydraulic elevators and escalators.

1. In addition to the alterations set forth in Rule 8.10.3.3.2 and Rule 8.10.2.3.3 ASME A17.1, the following alterations require, in addition to a construction permit, that inspections and tests be performed to determine conformance with ASME A17.1, rules cited below:

ALTERATIONS	Electric Elevators	Hydraulic Elevators
(a) Addition of elevator to existing hoistway (new installation)	8.7.2.1.2	8.7.2.1.2
(b) Brake (replacements of existing drive, machine brake by a new brake)	2.24	—
(c) Buffer (addition of oil buffer)	8.7.2.23	8.7.2.27
(d) Driving machine (replacement of)	8.7.2.25.1	8.7.3.23
(e) Freight elevator converted to passenger service	8.7.2.16.1	8.7.3.27
(f) Rope, replacement in size or number of ropes	8.6.2.5	8.6.2.5
(g) Sheave, driving machine (replacement in size)	8.7.2.25.1	8.7.2.25.1

1. The following alterations require, in addition to a construction permit, that inspections be performed to determine conformance with ASME A17.1, rule cited below:

ALTERATIONS	Electric Elevators	Hydraulic Elevators
(a) Access Switch (addition of)	8.7.2.11.4, 8.7.7.2	8.7.3.11, 8.7.7.2
(b) Automatic transfer device (addition of)		8.7.3.13
(c) Car, door or gate (addition of car door or gate electric contacts)	8.7.2.14	
(d) Car enclosure	8.7.2.14	8.7.3.13
(e) Car leveling device (addition of) and (trucking device)	8.7.2.27.2	8.7.3.31.2
(f) Control	8.7.2.27.5	8.7.3.31.6
(g) Control equipment	8.7.2.27	8.7.3.31
(h) Controller (existing controller w/new) (excluding dispatching device)	8.7.2.27.4	8.7.3.31.5
(i) Counterweight (change of)		

	8.7.3.23	8.7.3.26
(j) Increase in travel (or decrease)	8.7.2.17.1	8.7.3.22.1
(k) Door, hoistway (replacement of all hoistway doors)	8.7.2.10	8.7.3.10
(l) Escalator, relocation of	8.7.6.1	—
(m) Escalator, skirt (switches addition of safety device)	6.1.6	—
(n) Freight elevator permitted to carry passengers	8.7.2.16.3	8.7.3.19
(o) Guide rails (change in type or size)	8.7.2.24	8.7.3.28
(p) Hoistway door, power operation of (addition of)	8.7.2.12	8.7.3.12
(q) Hoistway door locking device (addition of)	8.7.2.11	8.7.3.11
(r) Operation, change in type of	8.7.2.27.6	8.7.3.31.7
(s) Platform, car (complete replacement of)	8.7.2.15.1	8.7.3.14
(t) Roller guide shoe, counter weight and car (addition of)	8.7.2.22	8.7.2.22
(u) Rope equalizer (addition of)	8.7.2.21.2	8.7.3.25.2
(v) Rope fastening device, auxiliary (addition of)	8.7.2.21.3	8.7.2.21.3
(w) Tank (replacement of) (with different capacity)	—	8.7.3.29
(x) Top of car operating device (addition of)	8.7.2.27.1	8.7.3.31.1

Alterations set forth in Part 8, ASME A17.1 to include any change to equipment, including its parts, components, and/or subsystems, other than maintenance, repair, or replacement; require an elevator construction permit, along with documented performance of inspections and tests to determine conformance with ASME A17.1. A repair or replacement of equipment, parts, components or subsystems that requires inspection, tests and independent witnessing in other sections of ASME A17.1 and A18.1 shall also require an elevator construction permit, in accordance with Section 105, Florida Building Code, Building.

Date Submitted	3/15/2010	Section	3500	Proponent	James Gregory
Chapter	35	Affects HVHZ	No	Attachments	No
TAC Recommendation	Approved as Submitted				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

Updates referenced code.

Rationale

The publisher and year edition have changed of this referenced code for hospitals, nursing homes and ambulatory surgical centers. This revision updates to the correct publisher and year edition of this referenced code.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There is no fiscal impact to local entity relative to enforcement

Impact to building and property owners relative to cost of compliance with code

There is not fiscal impact to building and property owners.

Impact to industry relative to the cost of compliance with code

There is no fiscal impact to industry.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Corrects the publisher and year editon.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Corrects the publisher and year edition.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate against any material or product or method or system.

Does not degrade the effectiveness of the code

Corrects the publisher and year edition.

AIA

American Institute of Architects

1735 New York Ave. N.W

Washington, D.C. 20006 5292

FGI

Facility Guidelines Institute

1919 McKinney Avenue

Dallas, Texas 75201

www.fgiguideines.org

Standard reference number	Title	Referenced in code section number
HHCF 06 10	Guideline for the Design and Construction of Health Care Facilities	419.2.1.2, 419.2.2, 419.3.2, 419.3.3, 419.3.4, 419.3.4.1, 419.3.4.2, 419.3.5, 419.3.5.1, 419.3.5.2, 419.3.6, 419.3.6.1, 419.3.7, 419.3.8.8, 419.3.8.9, 419.3.9, 419.3.10, 419.3.11, 419.3.13, 419.3.15, 419.3.17, 420.2.2, 420.2.5, 421.2.1.2, 421.2.2, 421.3.2, 421.3.2.1, 421.3.2.2, 421.3.3, 421.3.3.2.2, 421.3.3.3, 421.3.4, 421.3.5, 421.3.10

Date Submitted	4/1/2010	Section	3500	Proponent	James Gregory
Chapter	35	Affects HVHZ	No	Attachments	No
TAC Recommendation	Approved as Submitted				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

Adding a new reference standard.

Rationale

This is a required reference from section 420.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There is no impact to the local entity.

Impact to building and property owners relative to cost of compliance with code

There is no cost impact. This reference improves lighting design levels.

Impact to industry relative to the cost of compliance with code

There is no industry cost impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Improves the health and safety of elders in nursing homes.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Improves the code by referencing the latest edition.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate against any materials, products, methods or systems.

Does not degrade the effectiveness of the code

Improves the effectiveness of the code.

ANSI/IESNA RP-28-07 Lighting and the Visual Environment for Senior Living

Illuminating Engineering Society of North America,

120 Wall Street, 17th Floor,

New York, NY 10005-4001.

Date Submitted	4/1/2010	Section	3500	Proponent	James Gregory
Chapter	35	Affects HVHZ	No	Attachments	No
TAC Recommendation	Approved as Submitted				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

Adds and updates the UL standard for nurse call systems.

Rationale

This standard contains the requirements for new wireless nurse call systems.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact on the local entity.

Impact to building and property owners relative to cost of compliance with code

There is no impact on the property owners.

Impact to industry relative to the cost of compliance with code

There is no impact on the industry.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Improves the safety of residents by adding the updates UI standard for nurse call.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Improves the code by adding the updated version of UI 1069 for nurse call.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate against materials, products, methods or systems.

Does not degrade the effectiveness of the code

Improves the effectiveness of the code by adopting updated UI standard.

UL 1069, 7th edition

Underwriters Laboratories Inc. (UL),

333 Pfingsten Road, Northbrook,

IL 60062-2096.

Date Submitted 3/26/2010	Section 428.7	Proponent Ila Jones
Chapter 4	Affects HVHZ No	Attachments No
TAC Recommendation Pending Review		
Commission Action Approved as Submitted		

Related Modifications

Summary of Modification

Deletes requirement that factory-built schools designated as existing buildings must comply with Section 423. Clarifies that a DCA approved agency can perform inspections on factory-built schools.

Rationale

Existing buildings are not required to comply with Section 423,. Must comply with State Requirement for Education Facilities (SREF) requirements.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code
No impact.

Impact to building and property owners relative to cost of compliance with code
Deletes duplicative language found in Section 553.415, F.S., and Rule 9B-1, F.A.C. Reduces school district costs by allowing DCA approved agencies to conduct inspections at facility in lieu of school district personnel.

Impact to industry relative to the cost of compliance with code
No impact.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public
Deletes duplicative and noncompliant language from the code.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction
Improves the code by deleting duplicative and noncompliant language from the Code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities
Does not discriminate.

Does not degrade the effectiveness of the code
Does not degrade the code.

Alternate Language

1st Comment Period History 04/15/2010 - 06/01/2010

Proponent Tom Hogarth	Submitted 5/24/2010	Attachments Yes
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SP3941-A4

Rationale

I support the modification. However, the second sentence of 428.7.2 should be deleted in order to comply with FAC 9B-1.026 and 1.028. Also, 423.27.19 should be deleted for the same rationale.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code
Relieves school boards or thier agents from having to visit factories to inspect units.

Impact to building and property owners relative to cost of compliance with code
School boards are the property owners.

Impact to industry relative to the cost of compliance with code
Complies with adopted rule 9B-1 which the industry presently follows.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public
No impact.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction
Improves code by deleting code-code and code-rule conflict.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities
No impact.

Does not degrade the effectiveness of the code
Improves the effectiveness of the code by eliminating conflict.

1st Comment Period History 04/15/2010 - 06/01/2010

Comment:

Section 553.415(9), Florida Statute states, "The school district or community college district to which any factory-built school building is constructed or altered after July 1, 2001, shall provide for periodic inspection of the phase of construction or alteration. The inspector shall act under the direction of the governing board for employment purposes. This subsection does not prevent a school district or community college district from purchasing or otherwise using a factory-built school building that has been inspected by another school district or community college district or by an approved inspection agency certified pursuant to s.553.36(2)."

428.7.2 Existing buildings. Factory built schools designated as existing buildings shall be inspected to determine compliance with the standards adopted in Section 423 hereof. All deficiencies shall be noted in an inspection report provided to the educational entity upon completion of the inspection. Activities performed to rehabilitate a noncompliant building shall be subject to plan review and reinspection. Upon an inspector's determination that the building complies with the applicable standards, the inspector shall provide to the department the information as required on the data plate for the building and identify the building as satisfactory for use as an educational facility on the building code information system.

428.7.2-3 New construction. All buildings ~~other than existing buildings~~ shall be subject to inspection during the manufacturing process. The educational entity shall ensure that factory inspections are performed periodically and are sufficient to ensure ~~that~~ the building and its systems comply with the applicable standards. Inspections may be performed by an agency. The inspector shall require the correction of all deficiencies found during the manufacturing process. Upon an inspector's determination that the building complies with the applicable standards, the inspector shall provide to the department the information as required on the data plate for the building and identify the building as satisfactory for use as an educational facility on the building code information system.

(delete second sentence in proposed section 428.7.2 as follows)

~~428.7.2-3~~ New construction. All buildings ~~other than existing buildings~~ shall be subject to inspection during the manufacturing process. ~~The educational entity shall ensure that factory inspections are performed periodically and are sufficient to ensure that the building and its systems comply with the applicable standards. Inspections may be performed by an agency.~~ The inspector shall require the correction of all deficiencies found during the manufacturing process. Upon an inspector's determination that the building complies with the applicable standards, the inspector shall provide ~~to~~ the department the information as required on the data plate for the building and identify the building as satisfactory for use as an educational facility on the building code information system.

(also expand modification to delete section 423.27.19 as follows)

~~423.27.19~~ Inspection of units during construction. Boards shall provide for the inspection of relocatables during construction, as required by the Florida Building Code, as authorized by statute.

Date Submitted 4/2/2010
Chapter 4

Section 419.3.15.2
Affects HVHZ No

Proponent James Gregory
Attachments No

TAC Recommendation No Affirmative Recommendation with a Second
Commission Action Pending Review

Related Modifications

Summary of Modification

Adds clarifying language to the section.

Rationale

This adds clarifying language to help the user to understand the intent of this requirement.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There is no impact to local entity.

Impact to building and property owners relative to cost of compliance with code

There is no impact to building or property owners.

Impact to industry relative to the cost of compliance with code

There is no impact to industry.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Clarifies the code to improve safety for the patient.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Improves the code by clarification.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate against materials, products, methods or systems.

Does not degrade the effectiveness of the code

Improves the effectiveness of the code by clarification.

419.3.15.2 Panel boards located in spaces subject to storage shall have the clear working space per Chapter 27, Florida Building Code, Building. "ELECTRICAL ACCESS - NOT FOR STORAGE" shall be permanently marked on the floor and wall about the panel. Panel boards shall not be located ~~in~~ open to egress corridors but may be located inside of rooms or cabinets that open onto the egress corridor.

Date Submitted 4/2/2010
Chapter 4

Section 420.3.16.1
Affects HVHZ No

Proponent James Gregory
Attachments No

TAC Recommendation No Affirmative Recommendation with a Second
Commission Action Pending Review

Related Modifications

Summary of Modification

Clarifies this section.

Rationale

This is a clarification of the fan control requirement. It was never intended to require fan shut down from the activation of a manual pull station or a duct smoke detector. Because this is not made clear in this section, designers must correct their designs to omit the fan shut down from manual activation. Manual activation from false alarms can create a degradation of the indoor air for no emergency reason.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There is no impact to local entity.

Impact to building and property owners relative to cost of compliance with code

There is no impact to building or property owners.

Impact to industry relative to the cost of compliance with code

There is no impact to industry.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Clarifies the code to improve patient safety.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Improves the code by providing clarification to the user.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate against materials, products, methods or systems.

Does not degrade the effectiveness of the code

Improves the effectiveness of the code by clarifying it.

420.3.16.1 During an automatic fire alarm activation, except for activation by a duct smoke detector, fan systems and fan equipment serving more than one room shall be stopped to prevent the movement of smoke by mechanical means from the zone in alarm to adjacent smoke zones.

Date Submitted	4/2/2010	Section	420.3.20.4	Proponent	James Gregory
Chapter	4	Affects HVHZ	No	Attachments	No
TAC Recommendation	No Affirmative Recommendation with a Second				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

Adds clarifying language to the section.

Rationale

This adds clarifying language to help the user to understand the intent of this requirement.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There is no impact to local entity.

Impact to building and property owners relative to cost of compliance with code

There is no impact to building or property owners.

Impact to industry relative to the cost of compliance with code

There is no impact to industry.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Clarifies the code to improve safety for the patient.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Improves the code by clarification.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate against materials, products, methods or systems.

Does not degrade the effectiveness of the code

Improves the effectiveness of the code by clarification.

420.3.20.4 Panels and electrical equipment, other than branch circuit devices serving the corridor, shall not be located ~~in~~ open to egress corridors ~~in new construction~~ but may be located inside of rooms or cabinets that open onto the egress corridor.

Date Submitted	4/2/2010	Section	421.3.10.10	Proponent	James Gregory
Chapter	4	Affects HVHZ	No	Attachments	No
TAC Recommendation	No Affirmative Recommendation with a Second				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

Clarifies this section.

Rationale

Clarifies this section.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There is no impact to local entity.

Impact to building and property owners relative to cost of compliance with code

There is no impact to building or property owners.

Impact to industry relative to the cost of compliance with code

There is no impact to industry.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Clarifies the code to improve patient safety.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Improves the code by providing clarification to the user.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate against materials, products, methods or systems.

Does not degrade the effectiveness of the code

Improves the effectiveness of the code by clarifying it.

421.3.10.10 Panel boards located in spaces subject to storage shall have the clear working space per Chapter 27 of the Florida Building Code, Building. "ELECTRICAL ACCESS-NOT FOR STORAGE" shall be permanently marked on the floor and wall about the panel. Panel boards shall not be located ~~in~~ open to egress corridors but may be located inside of rooms or cabinets that open onto the egress corridor.

Date Submitted 4/2/2010	Section 423.10.2.8	Proponent Anthony Apfelbeck
Chapter 4	Affects HVHZ No	Attachments No
TAC Recommendation	No Affirmative Recommendation with a Second	
Commission Action	Pending Review	

Related Modifications

None.

Summary of Modification

Deletes 423.10.2.8.

Rationale

Parking ratios are not an issue regulated by the building code, nor should they be regulated by the building code other than for the purposes of accessibility. The accessibility parking provisions are covered in Chapter 11. This is solely a use issue that should be regulated by SREF.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

Parking ratios are not an issue regulated by the building code scope, nor should they be enforced by 468 individuals at the local level. This is strictly a design and planning issue that should be regulated by SREF or local owner decisions.

Impact to building and property owners relative to cost of compliance with code

Deletion of this provision will have no impact on the cost of compliance. This is a scioe and enforcment issue.

Impact to industry relative to the cost of compliance with code

Deletion of this provision will have no impact on the cost of compliance. This is a scope and enforcment issue.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

The existing propvisons proposed for deletion have no imact on the scope of the building code or a building code safety, health or welfare provisions.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

The existing provisions proposed for deletion are Florida specific provision that do not add any value or are within the scope of a building code.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

This proposal does not discriminate against any materials, products or methods.

Does not degrade the effectiveness of the code

This proposal does not degrade the effectiveness of the building code in any manner.

1st Comment Period History

04/15/2010 - 06/01/2010

Proponent Tom Hogarth	Submitted 5/14/2010	Attachments No
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SP4394-G1

Comment:

Recommend to oppose the modification:

Educational parking requirements in 423 provides useful information to designers and building departments in one central location. The Special Occupancy Chapter 4 is an appropriate location to provide statewide regulatory requirements beyond the traditional building code boundaries.

For comparison, Chapter 11 provides statewide parking regulations regarding accessibilty that also help building departments and designers.

1st Comment Period History

04/15/2010 - 06/01/2010

Proponent Victor Chodora	Submitted 5/14/2010	Attachments No
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SP4394-G2

Comment:

While normally I agree that, many items in 423 are redundant of other code sections, and should be removed. This one needs to stay. It provides information to the Architect, Engineer, and Building Official that is provided by a zoning authority. However, since a local zoning authority does not govern public schools, this is the best place to provide parking requirements. Chapter 11 also has parking requirements requirements, so this is not an isolated section in the building code dealing with parking.

423.10.2.8 Minimum parking requirements.

- ☐ ~~423.10.2.8.1 Faculty and staff.~~ One space for each member.
- ☐ ~~423.10.2.8.2 Visitors.~~ One space for every 100 students.
- ☐ ~~423.10.2.8.3 Community clinics where provided.~~ Ten spaces, including one accessible space.
- ☐ ~~423.10.2.8.4 High schools.~~ One space for every 10 students in grades 11 and 12.
- ☐ ~~423.10.2.8.5 Vocational schools.~~ One space for every two students.
- ☐ ~~423.10.2.8.6 Community colleges.~~ One space for every two students.
- ☐ ~~423.10.2.8.7 Accessible parking.~~ Parking spaces designated for persons with disabilities shall comply with the ADA, Chapter 11 of the Florida Building Code, Building, and Section [316.1955, Florida Statutes](#).

Date Submitted 4/2/2010	Section 423.10.5	Proponent Anthony Apfelbeck
Chapter 4	Affects HVHZ No	Attachments No
TAC Recommendation	No Affirmative Recommendation with a Second	
Commission Action	Pending Review	

Related Modifications

None.

Summary of Modification

Deletes section 423.10.5.

Rationale

The language in 423.10.5 is not within the scope of a building code. The language is also unenforceable with such terms as "resulting in" "safe" "sound" and "verminproof." The last section adds no value in that the code already requires this provision of design.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

The current language needs to be removed from the building code as it is not a building code issue that should be enforced by a local jurisdiction 468 individual.

Impact to building and property owners relative to cost of compliance with code

None. The language could be contained or relocated to SREF which is a more appropriate location for these provisions.

Impact to industry relative to the cost of compliance with code

None. The language could be contained or relocated to SREF which is a more appropriate location for these provision.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

These provisions are not germane to the building code or with the scope of building code. The provisions should be contained in a design standard such as SREF or in the design specifications.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

These provisions are not germane to the building code or with the scope of building code. The provisions should be contained in a design standard such as SREF or in the design specifications.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

This code change does not discriminate in anyway against materials, methods or systems.

Does not degrade the effectiveness of the code

This code change does not degrade the effectiveness of the code as these provisions are not germane to the building code or within the scope of a building code. These provisions should be contained in SREF or the project design documents.

1st Comment Period History

04/15/2010 - 06/01/2010

Proponent Tom Hogarth	Submitted 5/14/2010	Attachments No
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Comment:

Recommend to oppose this modification in part:

This modification would remove useful code references and design standards for public school playgrounds.

However, I agree the following section of 423.10.5.2 "resulting in facilities which are safe, structurally sound, verminproof, and do not have jagged or sharp projections" should be deleted as being unenforceable.

1st Comment Period History

04/15/2010 - 06/01/2010

Proponent Victor Chodora	Submitted 5/14/2010	Attachments No
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Comment:

Oppose to this code change. The main purpose of 423 is to provide state requirements for public schools, which are additional requirements of the rest of the building code. These are special conditions and requirements for public schools only in the State of Florida. Some are from DOE's rules (SREF) and others from state law (FS 1013). They are placed in 423 as part of the one State code concept.

1st Comment Period History

04/15/2010 - 06/01/2010

Comment:

Oppose this code change. The main purpose of 423 is to provide state requirements for public schools, which are additional requirements of the rest of the building code. These are special conditions and requirements for public schools only in the State of Florida. Some are from DOE's rules (SREF) and others from state law (FS 1013). They are placed in 423 as part of the one State code concept.

423.10.5 School board playgrounds, equipment, and athletic fields. ~~Playgrounds, equipment, and athletic fields shall be accessible, compatible with the educational facility served and shall comply with the following:~~

- ~~§ 423.10.5.1 Kindergarten play areas shall be separated from other play areas, fenced, and shall be directly accessed from the kindergarten classrooms.~~
- ~~§ 423.10.5.2 Playgrounds and equipment shall be designed and installed using the Handbook for Public Playground Safety by the U.S. Consumer Product Safety Commission, and the ASTM/CPSC Playground Audit Guide as applicable, resulting in facilities which are safe, structurally sound, verminproof, and do not have jagged or sharp projections.~~
- ~~§ 423.10.5.3 Direct access from the school buildings shall be provided to play areas and athletic fields without crossing public roads, on site traffic lanes, and parking lots.~~
- ~~§ 423.10.5.4 Related facilities such as toilets, concessions, storage, shower and locker rooms, bleachers, press boxes, observation platforms, scoreboards, and dugouts shall be designed to meet code requirements and the occupant capacity anticipated for the program.~~

Date Submitted 4/2/2010	Section 423.26.8	Proponent Anthony Apfelbeck
Chapter 4	Affects HVHZ No	Attachments No
TAC Recommendation	No Affirmative Recommendation with a Second	
Commission Action	Pending Review	

Related Modifications

None.

Summary of Modification

Requires buildings with time-out rooms to be protected by a fire sprinkler system.

Rationale

A time-out creates a situation where the child is incapable of self-preservation. Every other occupancy in the code, where a occupant is restrained and incapable of self-preservation, requires fire sprinkler protection in order to protect the occupant.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

None.

Impact to building and property owners relative to cost of compliance with code

Approximately \$2.00 to \$4.00 per square foot for a fire sprinkler system if it is not otherwise required. However, the sprinkler requirements for educational occupancies have become much more stringent over the years so many educational occupancies are already sprinklered.

Impact to industry relative to the cost of compliance with code

Minimal other than design and time cost which are charged back to the owner.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Section 423 occupancies are the only one that does not require fire sprinkler protection of occupants that are incapable of self-preservation. It will be impossible to defend to the public the lack of fire sprinkler protection in locking a child in a room if an injury or death occurs.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Occupants that are incapable of self-preservation must be protected by a defend in place strategy. The only effective defend in place solution is fire sprinkler protection.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

This code change does not discriminate against materials.

Does not degrade the effectiveness of the code

This change in no way degrades the effectiveness of the code.

1st Comment Period History

04/15/2010 - 06/01/2010

Proponent Tom Hogarth	Submitted 5/14/2010	Attachments No
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Comment:

Recommend support of this modification

SP4373-G1

423.26.8 Fire sprinkler system required. Time-out rooms shall only be provided in buildings protected by a fire sprinkler system.

Date Submitted 4/2/2010	Section 423.4.5	Proponent Anthony Apfelbeck
Chapter 4	Affects HVHZ No	Attachments No
TAC Recommendation	No Affirmative Recommendation with a Second	
Commission Action	Pending Review	

Related Modifications

None.

Summary of Modification

Deletes the provisions of 423.4.5

Rationale

This provision is not a building code issue and should not reside in the Florida Building Code nor be enforced by a FS 468 licensed individual. The appropriate location is in the SREF document.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

The enforcement of section 423.4.5 is not a building code compliance issue nor should it be enforced by a local entity or a 468 inspector.

Impact to building and property owners relative to cost of compliance with code

No change. If DOE wishes to continue to enforce this, it can be contained in the SREF document or contract documents.

Impact to industry relative to the cost of compliance with code

No change. If DOE wishes to continue to enforce this, it can be contained in the SREF document or contract documents.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Second 423.4.5 is Florida specific and is not contained in the core IBC document nor is there justification for the language in a building code. If DOE wishes to continue to enforce this, it can be contained in the SREF document or contract documents.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Second 423.4.5 is Florida specific and is not contained in the core IBC document nor is there justification for the language in a building code. If DOE wishes to continue to enforce this, it can be contained in the SREF document or contract documents.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

This proposal does not discriminate in any manner.

Does not degrade the effectiveness of the code

This proposal does not degrade the effectiveness of the code scope of the building code. The 423.4.5 is not a building code provision.

~~423.4.5 Handbook for public playground safety.~~ Playgrounds and equipment shall be designed and installed using the Handbook for Public Playground Safety by the U. S. Consumer Product Safety Commission, and the ASTM/CPSA Playground Audit Guide as applicable.

Date Submitted 4/2/2010	Section 423.8.8	Proponent Anthony Apfelbeck
Chapter 4	Affects HVHZ No	Attachments No
TAC Recommendation	No Affirmative Recommendation with a Second	
Commission Action	Pending Review	

Related Modifications

None.

Summary of Modification

Deletes section 423.8.8.

Rationale

The language in 423.8.8 is unenforceable as code text as it is not written in accepted code language, provides only recommendations and utilizes terms such as "should"; There is no method for an individual to gauge compliance with the section. This section needs to be deleted or relocated to the SREF document.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

The language in 423.8.8 is unenforceable as code text as it is not written in accepted code language, provides only recommendations and utilizes terms such as "should"; There is no method for an individual to gauge compliance with the section.

Impact to building and property owners relative to cost of compliance with code

Unknown as the current language is unenforceable. One individuals determination of compliance may not be anothers.

Impact to industry relative to the cost of compliance with code

Unknown as the current language is unenforceable. One individuals determination of compliance may not be anothers.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

The language in 423.8.8 is unenforceable as code text as it is not written in accepted code language, provides only recommendations and utilizes terms such as "should"; There is no method for an individual to gauge compliance with the section.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Deletion of this section will improve the code as the current text is unenforceable and not written in code text. The term should is used throughout.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

This code change does not discriminate against any product.

Does not degrade the effectiveness of the code

This code change does not degrade the code as the current code is unenforceable as code text as it is not written in accepted code language, provides only recommendations and utilizes terms such as "should"; There is no method for an individual to gauge compliance with the section.

1st Comment Period History

04/15/2010 - 06/01/2010

Proponent Tom Hogarth	Submitted 5/14/2010	Attachments No
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Comment:

Recommend support of this modification:

The existing section sounds good but is unenforceable. The safety concepts in the section are too broad, vague or subjective.

SP4389-G1

423.8.8 Safe school design. School boards should design educational facilities and sites including pre-K through 12, vocational and community colleges to enhance security and reduce vandalism through the use of "safe school design" principles. Safe school design strategies are available from DOE/educational facilities and include but are not limited to the following:

423.8.8.1 **Natural access and control of schools and campuses.**

423.8.8.2 Natural surveillance of schools and campuses both from within the facility and from adjacent streets by removing obstructions or trimming shrubbery.

423.8.8.3 School and campus territorial integrity; securing courtyards, site lighting, building lighting.

423.8.8.4 Audio and motion detection systems covering ground floor doors, stairwells, offices and areas where expensive equipment is stored.

423.8.8.5 Designs which will promote the prevention of school crime and violence. Exterior architectural features which do not allow footholds or handholds on exterior walls, tamperproof doors and locks, nonbreakable glass or shelter window protection system; also landscaping and tree placement should be designed so they do not provide access to roofs by unauthorized persons. Sections of schools commonly used after hours should be separated by doors or other devices from adjacent areas to prevent unauthorized access. Install locks on roof hatches; apply slippery finishes to exterior pipes.

423.8.8.6 Exterior stairs, balconies, ramps, and upper level corridors around the perimeter of buildings should have open type handrails or other architectural features to allow surveillance.

423.8.8.7 Open areas, such as plazas, the building's main entrance, parking lots, and bicycle compounds should be designed so they are visible by workers at workstations inside the buildings.

Date Submitted	4/1/2010	Section	Table 436.5	Proponent	Jose Guanch
Chapter	4	Affects HVHZ	No	Attachments	No
TAC Recommendation	No Affirmative Recommendation with a Second				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

Table 436.5 has "YES" and "NO" in the "1 story above LED1" row. This should state "YES".

Rationale

If "1 story below LED" requires sprinklers with limited construction types, it stands to reason that "1 story above LED" with "Any type" of construction would require Fire Sprinklers for an occupancy with occupants NOT capable of self-preservation which inherently would require more time to safely evacuate. This scenario (1 story above LED) would be considered an I4 occupancy in the IBC with an exception.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

Helps to clarify the requirements Code.

Impact to building and property owners relative to cost of compliance with code

Helps to clarify the requirements Code, thereby avoiding costly mistakes.

Impact to industry relative to the cost of compliance with code

Helps to clarify the requirements Code, thereby avoiding costly mistakes.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Yes. Provides a high level of protection for those NOT capable of self-preservation.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Yes. Yes. Provides a high level of protection for those NOT capable of self-preservation.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

No.

Does not degrade the effectiveness of the code

No. On the contrary it strengthens the understanding and allows for uniform enforcement of the code.

TABLE 436.5

DAY-CARE LOCATION AND TYPE OF CONSTRUCTION

LOCATION OF DAY CARE	TYPE OF CONSTRUCTION	
	Sprinklered Building	Construction Type
1 story below LED ¹	Yes	I, II, IIIA, IV, V-A
Level of Exit Discharge	No	Any type permitted by this code
1 story above LED ¹	Yes No	Any type
2 or 3 stories above LED ¹	Yes	I, II, III-A, V-A
> 3 stories above LED ¹ but not high rise	Yes	I
High rise	Yes	I

Notes:

¹LED means Level of Exit Discharge.

Date Submitted	3/28/2010	Section	306.3	Proponent	J Glenn-BASF
Chapter	3	Affects HVHZ	No	Attachments	No
TAC Recommendation	No Affirmative Recommendation with a Second				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

Retain base code (IRC) language.

Rationale

The base code change provides more specific direction and restores the Florida Code to the nationally accepted practice.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

Change has no impact on local enforcement.

Impact to building and property owners relative to cost of compliance with code

None

Impact to industry relative to the cost of compliance with code

None

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

No change

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Brings Florida in-line with nationally accepted practice.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate against anything.

Does not degrade the effectiveness of the code

Does not degrade the code.

~~**R306.3 Sewage disposal.** All plumbing fixtures shall be connected to a sanitary sewer or to an approved private sewage disposal system in accordance with Chapter 64E-6, Florida Administrative Code, Standards for Onsite Sewage Treatment and Disposal Systems.~~

R306.3 Sewage disposal. All plumbing fixtures shall be connected to a sanitary sewer or to an approved private sewage disposal system.

Date Submitted	3/30/2010	Section	419.1.1	Proponent	James Gregory
Chapter	4	Affects HVHZ	No	Attachments	No
TAC Recommendation	Withdrawn				
Commission Action	Pending Review				

Related Modifications**Summary of Modification**

Clarifying language.

Rationale

Adds language to include outpatient facilities as required by chapter 395.0163. Clarifies hospitals must also meet other sections of this code.

Fiscal Impact Statement**Impact to local entity relative to enforcement of code**

There is no impact to local entities.

Impact to building and property owners relative to cost of compliance with code

There is no impact to building and property owners.

Impact to industry relative to the cost of compliance with code

There is no impact to industry.

Requirements**Has a reasonable and substantial connection with the health, safety, and welfare of the general public**

Clarifies the code for all users.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Clarifies the code for all users.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate against materials, products, methods or systems.

Does not degrade the effectiveness of the code

Clarifies and improves the code for all users.

419.1.1 Hospitals and all outpatient facilities of hospitals shall comply with all applicable requirements of ~~the~~ this code and the following design and construction standards as described ~~herein~~ in this section and shall have plans reviewed and construction surveyed by the state agency authorized to do so by Chapter 553.80(1)(c), Florida Statutes to assure compliance with all applicable requirements of this code.

Date Submitted	3/30/2010	Section	419.2	Proponent	James Gregory
Chapter	4	Affects HVHZ	No	Attachments	No
TAC Recommendation	Withdrawn				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

Adds clarifying language.

Rationale

Adds language to include outpatient facilities and mobile and transportable units to be sure it is understood these types of facilities are also included as required by chapter 395.0163 fs.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

No impact to local entity.

Impact to building and property owners relative to cost of compliance with code

No impact to building and property owners.

Impact to industry relative to the cost of compliance with code

No impact to industry.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Clarifies language for user.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Clarifies language for user.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities.

Does not degrade the effectiveness of the code

Clarifies code language for all users.

419.2 Codes and standards for the design and construction of general, rehabilitative, and psychiatric hospitals, including Intensive Residential Treatment Facilities (IRTF) for children and adolescents, outpatient facilities and mobile and transportable units.

Date Submitted 4/2/2010
Chapter 4

Section 419.4.2.6.3
Affects HVHZ No

Proponent James Gregory
Attachments No

TAC Recommendation Withdrawn
Commission Action Pending Review

Related Modifications

Summary of Modification

Adds clarifying language to the section.

Rationale

This adds clarifying language to help the user to understand the intent of this requirement.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There is no impact to local entity.

Impact to building and property owners relative to cost of compliance with code

There is no impact to building or property owners.

Impact to industry relative to the cost of compliance with code

There is no impact to industry.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Clarifies the code to improve safety for the patient.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Improves the code by clarification.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate against materials, products, methods or systems.

Does not degrade the effectiveness of the code

Improves the effectiveness of the code by clarification.

419.4.2.6.4 Ventilation air change rates in occupied patient areas shall be maintained as specified in this section during and immediately following a disaster by connection to the essential electrical system.

Date Submitted	4/2/2010	Section	437.2.8.1	Proponent	James Gregory
Chapter	4	Affects HVHZ	No	Attachments	No
TAC Recommendation	Withdrawn				
Commission Action	Pending Review				

Related Modifications

Summary of Modification

Corrects the generator requirement.

Rationale

The hospice facility does not provide life support. Type I systems are meant for life support equipment. Type II systems are meant to support all other systems for a reliable emergency service. A Type II systems is the correct emergency service to provide for this type of facility.

Fiscal Impact Statement

Impact to local entity relative to enforcement of code

There is no impact to local entity.

Impact to building and property owners relative to cost of compliance with code

There is no impact to building or property owners.

Impact to industry relative to the cost of compliance with code

There is no impact to industry.

Requirements

Has a reasonable and substantial connection with the health, safety, and welfare of the general public

Improves the safety of the residents by citing the correct emergency system.

Strengthens or improves the code, and provides equivalent or better products, methods, or systems of construction

Improves the code by citing the correct emergency system.

Does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities

Does not discriminate against any material, products, methods or systems.

Does not degrade the effectiveness of the code

Improves the effectiveness of the code by citing the correct system.

437.2.8.1 A Type II essential electrical system shall be provided in all hospice facilities as described in National Fire Protection Association Life Safety Code 99, "Health Care Facilities", and incorporated by reference in Rule 69A-3.012, F.A.C. The emergency power for this system shall meet the requirements of a Level 1, type 10, Class 48 generator as described in National Fire Protection Association Life Safety Code 110, "Emergency Standby Power Systems", and incorporated by reference in Rule 69A-3.012, F.A.C .