

Broward County Board of Rules & Appeals Meeting Agenda

January 14, 2021

Time: 7:00 P.M.

ZOOM Meeting info

Time: Jan 14, 2021 07:00 PM Eastern Time (US and Canada)

Join Zoom Meeting

<https://zoom.us/j/95138568996?pwd=dDJ2VDIEMFhDS2VyNnpJbkdWb2JQZz09>

Meeting ID: 951 3856 8996

Passcode: 103232

One tap mobile

+13017158592,,95138568996#,,,,*103232# US (Washington D.C)

+13126266799,,95138568996#,,,,*103232# US (Chicago)

Call Meeting to Order

Roll Call

Approval of Minutes – October 8, 2020

Service Plaque presented to Gary Elzweig

CONSENT AGENDA

1. Certifications - Staff Recommended.

BROWARD COUNTY SHERIFF'S OFFICE

HOLMES, MICHELLE, FIRE INSPECTOR

BROWARD COUNTY (UNINCORPORATED) - AIRPORT

CHMELY, EDWARD, JR., CHIEF ELECTRICAL INSPECTOR

CITY OF COOPER CITY

BLANCO, VICTOR, BUILDING OFFICIAL

CITY OF CORAL SPRINGS

BOTTING, PHILIPPE, FIRE INSPECTOR

HENLEY, KENNETH, FIRE INSPECTOR

TOWN OF DAVIE

PINGOL, ISABELLA, FIRE INSPECTOR

GROW, STEWART ALLEN, JR., CHIEF MECHANICAL INSPECTOR

CITY OF LIGHTHOUSE POINT

MITCHELL, STEVEN J., CHIEF ELECTRICAL INSPECTOR

CITY OF MIRAMAR

TRAPANESE, WILLIAM, CHIEF PLUMBING INSPECTOR

CITY OF PARKLAND

TRANA, JAN, CHIEF PLUMBING INSPECTOR

CITY OF PEMBROKE PINES

LICTRA, SALVATORE TED, CHIEF ELECTRICAL INSPECTOR

CITY OF PLANTATION

CHARNIN, MICHAEL D., ASSISTANT BUILDING OFFICIAL

GALE, WILLIAM, BUILDING OFFICIAL

CITY OF POMPANO BEACH

WESOLOWSKI, RICHARD R., FIRE INSPECTOR

CITY OF TAMARAC

VIRGIL, JEAN-YVES, FIRE INSPECTOR
JEAN-LOUIS, SERGE, STRUCTURAL PLANS EXAMINER - PROVISIONAL

CITY OF WILTON MANORS

KITTENDORF, SHANE, BUILDING OFFICIAL

COUNTYWIDE

DELARIONDA, CHAD, ELECTRICAL PLANS EXAMINER
FEJED, ALFREDO, PLUMBING PLANS EXAMINER
HIGHT, RODNEY J., STRUCTURAL INSPECTOR
HIGHT, RODNEY J., STRUCTURAL PLANS EXAMINER
GARRIDO, GUSTAVO A., STRUCTURAL INSPECTOR
GARRIDO, GUSTAVO A., STRUCTURAL PLANS EXAMINER
KITTENDORF, SHANE, STRUCTURAL INSPECTOR
KITTENDORF, SHANE, STRUCTURAL PLANS EXAMINER
MIGOYA, RONALD J., STRUCTURAL INSPECTOR
MIGOYA, RONALD J., STRUCTURAL PLANS EXAMINER
TORRES, DANIEL, MECHANICAL PLANS EXAMINER

REGULAR AGENDA

2. Local amendments for 1st reading

Florida Fire Prevention Code 7th edition - 2020.

- a. Staff and Fire Code Committee reports
- b. Board questions
- c. Public comment
- d. Board action

3. Revisions to Formal Interpretation (F.I.) #22 "Swimming pool safety inspections" for the 7th edition (2020) of the Florida Building Code.

- a. Staff Report
- b. Board Questions
- c. Board Action

4. Update to Policy 05-01, Representation on the Board of Rules and Appeals Standing Committees and Appointment Guidelines

- a. Staff Report
- b. Board Questions
- c. Board Action

5. Amendment to the Board of Rules and Appeals Policy #20-02, entitled Board of Rules and Appeals to share 50% of the cost of foreign credentials evaluation to determine the educational equivalency in the United States, not to exceed \$600 of the BORA participation per applicant (up to \$1,200 total) , for the purpose of removing the expiration date of the policy.

- a. Staff Report
- b. Board Questions
- c. Board Action

6. Policy 21-01 Delegation of Board of Rules and Appeals authority to establish the number of employees working at one time, when physically at the office due to Covid-19 concerns, and to further establish written reporting requirements for employees who are working remotely.

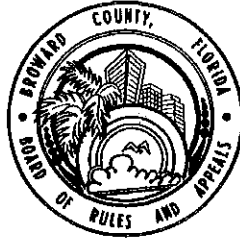
- a. Recommendation of the Administrative Director
- b. Board Questions
- c. Board Action

7. One time 2% cash merit bonus for Chief Fire Code Compliance Officer

- a. Recommendation of the Administrative Director
- b. Board Questions
- c. Board Action

8. **Election of Officers.**
 - a. Board Nominations
 - b. Election of Chair and Vice-Chair
 - c. Passing the Gavel
9. **Director's Report**
10. **Attorney's Report**
11. **Committee Report**
12. **General Board Members Discussion**
13. **Public Comment (3-minute limit per person) and written communications**
14. **Adjournment**

If a person desires to appeal any decision with respect to any matter considered at this meeting, such person will need record of the proceedings and, for this reason, such person may need to ensure that a verbatim record of the proceeding is made, which includes the testimony and evidence upon which the appeal is to be based (Sec. 286.0105.FS). (Members: If you cannot attend the meeting, please contact Mr. DiPietro @ (954) 931-2393, between 6:00 p.m. & 7:00 p.m.)



Presented To

Gary Elzweig

In Appreciation For Many Years Of
Outstanding Dedication And Service
2000-2020

*The Giving Of One's Time And Energy
For The Betterment Of Our Community
Defines Both Character And Generosity*

We Thank You

Presented By The
Broward County Board Of Rules And Appeals

January 14, 2021



DRAFT

**BROWARD COUNTY BOARD OF RULES & APPEALS
OCTOBER 8, 2020
MEETING MINUTES**

Call to Order

Chairman Daniel Lavrich called a published virtual meeting of the Broward County Board of Rules and Appeals to order at 7:11 p.m.

Present:

Daniel Lavrich, Chair
Ron Burr
Jeff Falkanger
Robert A. Kamm
Sergio Pellecer
David Rice
Daniel Rourke
Robert Taylor
James Terry
Dennis Ulmer

Mr. Rourke made a motion and Mr. Falkanger seconded the motion to approve the agenda as posted. The motion carried by unanimous vote of 10-0.

Approval of Minutes – September 10, 2020

Mr. Kamm made a motion and Mr. Taylor seconded the motion to approve the minutes as submitted. The motion carried by unanimous vote of 10-0.

CONSENT AGENDA

1. Certifications - Staff Recommended.

BROWARD COUNTY

FERNANDEZ, JOSE, CHIEF MECHANICAL INSPECTOR

TOWN OF DAVIE

BARRETO-FRIE, KELLY, FIRE INSPECTOR
LECOUNT, WILLIAM, FIRE INSPECTOR

CITY OF HOLLYWOOD

BATTAGLIA, ALEXANDER, FIRE INSPECTOR
MONTELLANICO, HOLLY, FIRE PLANS EXAMINER

CITY OF POMPANO BEACH

CONGER, JASON R. , FIRE INSPECTOR
JEBOAM, CARPELO, ASSISTANT BUILDING OFFICIAL
MASSIE, JEFFREY L., CHIEF STRUCTURAL INSPECTOR

CITY OF WEST PARK

DILLON, BRIAN, BUILDING OFFICIAL

COUNTYWIDE

DE LA FE, GUSTAVO, MECHANICAL PLANS EXAMINER
DIAAZ-DELUCCA, EDUARDO R., STRUCTURAL INSPECTOR
DIAAZ-DELUCCA, EDUARDO R., STRUCTURAL PLANS EXAMINER
DEMARS, JAMES R., STRUCTURAL INSPECTOR
DEMARS, JAMES R., STRUCTURAL PLANS EXAMINER

Mr. Kamm made a motion and Mr. Falkanger seconded the motion to approve the certifications as recommended. The motion carried by unanimous vote of 10-0.

1a. **Request of Mr. Manuel Barrera for a 2nd extension of time with respect to the Board of Rules & Appeals Policy 18-02 relating to closing out of open and ongoing projects**

a. Staff Report

Mr. Rolando Soto, Chief Mechanical Code Compliance Officer, advised that staff recommends approval of the requested second extension. Mr. Barrera originally had 54 open permits; only five remain open. The five permits involve property owners who are non-responsive, refuse to sign a change of contractor or to allow an inspection. Mr. Barrera can explain why an extension date is not specified by staff.

b. Request of Manuel Barrera

Mr. Manuel Barrera was sworn in.

Mr. Barrera explained that several of the five permits that remain open will be turned over to the code enforcement division in the applicable municipality because the property owners are totally non-responsive. Unfortunately, he does not know how long this will take. One of the five will hopefully be resolved in the next couple weeks.

c. Board Action

In response to Chairman Lavrich, Mr. Soto suggested a period of 90 or 180 days. Mr. James DiPietro, Administrative Director, also suggested that the date of a Board meeting be specified.

Mr. Terry made a motion and Mr. Falkanger seconded the motion to grant an extension to the April 2021 Board meeting. The motion carried by unanimous vote of 10-0.

REGULAR AGENDA

2. **FBC 7th EDITION (2020) Formal Interpretation (#25) PVC pipes and fitting within plenums in the residential portion of R-2 and R-3 occupancies**

a. Recommendation of the Mechanical Smoke Control Committee

Mr. Rolando Soto, Chief Mechanical Code Compliance Officer, noted a cut and paste error in the staff report. It does not affect the interpretation. Historically the code does not require non-combustibles in the plenums of residential units. The amount of material that the PVC represents in the plenum is relatively small, so the Committee recommended this interpretation. He elaborated upon the limitations set forth in the interpretation.

- b. Board Questions – none
- c. If desired, motion adopting interpretation

Mr. Kamm made a motion and Mr. Falkanger seconded the motion to approve the interpretation as submitted. The motion carried by unanimous vote of 10-0.

3. **FBC 7th EDITION (2020) Formal Interpretation (#26) Location of permanently installed residential standby generator's exhaust**

- a. Recommendation of Mechanical Smoke Control Committee

Mr. Rolando Soto, Chief Mechanical Code Compliance Officer, noted that the Committee recommends this interpretation. The current code does not address residential standby generators. The residential code refers the reader to the mechanical code which has very little on generators refers to NFPA 37 which only says to discharge to a safe location. A safe location could have varying meanings to people. The objective is to achieve consistency throughout the county. Some options are provided.

- b. Board Questions – none
- c. If desired, motion adopting interpretation

Mr. Kamm made a motion and Mr. Falkanger seconded the motion to approve the interpretation as submitted. The motion carried by unanimous vote of 10-0.

**Code amendments for 2nd reading Public Hearing
(applies to items Nos. 4,5,6,7,8, 9,10, 11 and 12)**

4. **Amendment to the 7th Edition Florida Building Code (2020) effective December 31st, 2020, Chapter One Administrative provisions**

- a. Staff Report (available for questions)
- b. Board Questions – none
- c. Public Hearing

Chairman Lavrich opened the public hearing but there was no one wishing to speak.

- d. If desired, motion amending Chapter One

Mr. Kamm made a motion and Mr. Ulmer seconded the motion to adopt the amendment as recommended. The motion carried by unanimous vote of 10-0.

5. **Amendments to 7th Edition Florida Building Code (2020) – Plumbing, Section 604.4, effective December 31st, 2020**

- a. Staff Report (available for questions)
- b. Board Questions – none
- c. Public Hearing

Chairman Lavrich opened the public hearing but there was no one wishing to speak.

- d. If desired, motion adopting responses to State required questions for adopting technical amendments

Mr. Kamm made a motion and Mr. Rourke seconded 1) acknowledging the Board's review of answers to the State of Florida's questions and adopting those answers. The motion carried by unanimous vote of 10-0.

- e. If desired, motion amending the Building Code

Mr. Terry made a motion and Mr. Falkanger seconded the motion to adopt the amendments to 7th Edition Florida Building Code (2020) – Plumbing, Section 604.4. The motion carried by unanimous vote of 10-0.

6. **Amendments to the 7th Edition Florida Building Code (2020), Residential Table P2903.2 Design of Building Water Distribution System, effective December 31st, 2020.**

- a. Staff Report (available for questions)
- b. Board Questions – none
- c. Public Hearing

Chairman Lavrich opened the public hearing but there was no one wishing to speak.

- d. If desired, motion adopting responses to State required questions for adopting technical amendments

Mr. Taylor made a motion and Mr. Rourke seconded 1) acknowledging the Board's review of answers to the State of Florida's questions and adopting those answers. The motion carried by unanimous vote of 10-0.

- e. If desired, motion amending the Building Code

Mr. Burr made a motion and Mr. Falkanger seconded the motion to adopt the amendments to 7th Edition Florida Building Code (2020) – Residential Table P2903.2 Design of Building Water Distribution System. The motion carried by unanimous vote of 10-0.

7. **Amendments to the 7th Edition Florida Building Code (2020) Plumbing Appendix F, Proposed Construction Building Codes for Turf and Landscape Irrigation Systems, effective December 31st, 2020.**

- a. Staff Report (available for questions)
- b. Board Questions – none
- c. Public Hearing

Chairman Lavrich opened the public hearing but there was no one wishing to speak.

- d. If desired, motion amending the Building Code

Mr. Terry made a motion and Mr. Pellecer seconded the motion to adopt the amendments to 7th Edition Florida Building Code (2020) – Plumbing Appendix F, Proposed Construction Building Codes for Turf and Landscape Irrigation Systems. The motion carried by unanimous vote of 10-0.

8. **Amendments to the upcoming Florida Mechanical Code (FMC) 7th Edition (2020), Section 307.2.1 and Florida Plumbing Code (FPC), Section [M] 314.2.1 “Condensate disposal”, effective December 31st, 2020.**

- a. Staff Report (available for questions)
- b. Board Questions – none
- c. Public Hearing

Chairman Lavrich opened the public hearing but there was no one wishing to speak.

- d. If desired, motion adopting responses to State required questions for adopting technical amendments

Mr. Rice made a motion and Mr. Falkanger seconded 1) acknowledging the Board’s review of answers to the State of Florida’s questions and adopting those answers. The motion carried by unanimous vote of 10-0.

- e. If desired, motion amending the Building Code

Mr. Taylor made a motion and Mr. Rourke seconded the motion to adopt the amendments to Florida Mechanical Code 7th Edition Florida Building Code (2020) – Section 307.2.1 and Florida Plumbing Code – Section [M]314.2.1 “Condensate disposal”. The motion carried by unanimous vote of 10-0.

9. **Amendments to the upcoming Florida Mechanical Code (FMC) 7th Edition (2020), Section 908 “Cooling Towers, Evaporative Condensers and Fluid Coolers”, subsection 908.3 “Location” effective December 31st, 2020.**

- a. Staff Report (available for questions)
- b. Board Questions

Mr. Falkanger noted a spelling error for “breeding”.

- c. Public Hearing

Chairman Lavrich opened the public hearing but there was no one wishing to speak.

- d. If desired, motion adopting responses to State required questions for adopting technical amendments

Mr. Falkanger made a motion and Mr. Pellecer seconded 1) acknowledging the Board's review of answers to the State of Florida's questions and adopting those answers. The motion carried by unanimous vote of 10-0.

- e. If desired, motion amending the Building Code

Mr. Rice made a motion and Mr. Terry seconded the motion to adopt the amendments to Florida Mechanical Code 7th Edition Florida Building Code (2020) – Section 908.3 “Cooling Towers, Evaporative Condensers and Fluid Coolers”, Subsection 908.3 “Location”. The motion carried by unanimous vote of 10-0.

10. **Amendments to the upcoming Florida Mechanical Code (FMC) 7th Edition (2020), Section 908.8 “Cooling Towers, Evaporative Condensers and Fluid Coolers”, effective December 31st, 2020.**

- a. Staff Report (available for questions)
- b. Board Questions – none
- c. Public Hearing

Chairman Lavrich opened the public hearing but there was no one wishing to speak.

- d. If desired, motion adopting responses to State required questions for adopting technical amendments

Mr. Rourke made a motion and Mr. Falkanger seconded 1) acknowledging the Board's review of answers to the State of Florida's questions and adopting those answers. The motion carried by unanimous vote of 10-0.

- e. If desired, motion amending the Building Code

Mr. Taylor made a motion and Mr. Kamm seconded the motion to adopt the amendments to Florida Mechanical Code 7th Edition Florida Building Code (2020) – Section 908.8 “Cooling Towers, Evaporative Condensers and Fluid Coolers”. The motion carried by unanimous vote of 10-0.

11. **Amendments to 7th Edition Florida Building Code (2020) - Building Section 454.1.4.1 and 454.2.16 Electrical, effective December 31st, 2020**

- a. Staff Report (available for questions)
- b. Board Questions – none
- c. Public Hearing

Chairman Lavrich opened the public hearing but there was no one wishing to speak.

- d. If desired, motion adopting responses to State required questions for adopting technical amendments

Mr. Falkanger made a motion and Mr. Rice seconded 1) acknowledging the Board's review of answers to the State of Florida's questions and adopting those answers. The motion carried by unanimous vote of 10-0.

- e. If desired, motion amending the Building Code

Mr. Taylor made a motion and Mr. Terry seconded the motion to adopt the amendments to 7th Edition Florida Building Code (2020) – Section 454.1.4.1 and 454.2.16 - Electrical. The motion carried by unanimous vote of 10-0.

12. **Amendments to 7th Edition Florida Building Code (2020) - Building Section Residential, Section R4501.16 Underwater Luminaries, effective December 31st, 2020**

- a. Staff Report (available for questions)
- b. Board Questions – none
- c. Public Hearing

Chairman Lavrich opened the public hearing but there was no one wishing to speak.

- d. If desired, motion adopting responses to State required questions for adopting technical amendments

Mr. Terry made a motion and Mr. Falkanger seconded 1) acknowledging the Board's review of answers to the State of Florida's questions and adopting those answers. The motion carried by unanimous vote of 10-0.

- e. If desired, motion amending the Building Code

Mr. Taylor made a motion and Mr. Rourke seconded the motion to adopt the amendments to 7th Edition Florida Building Code (2020) – Building Section Residential R4501.16 Underwater Luminaries. The motion carried by unanimous vote of 10-0.

13. **Amendment to Policy 16-01 “Reduction of paperwork for Building Officials and Chief Inspectors seeking to serve in multiple jurisdictions, or moving from one jurisdiction to another, within a biennial certification period”**

- a. Staff Report

Mr. James DiPietro, Administrative Director, explained this is only clarification of an existing policy that allows simplified paperwork for individuals moving from one city to another. This amendment is to make clear that the State of Florida, Chapter 71-575 affidavit along with a letter from a city official is required.

- b. Board Questions – none
- c. If desired, motion adopting responses to State required questions for adopting technical amendments

Mr. Falkanger made a motion and Mr. Taylor seconded the motion to amend Policy 16-01 as recommended. The motion carried by unanimous vote of 10-0.

14. **Invitation to participate in the Clean Energy Technical Group for the Broward County 2020 Climate Change Action Plan (CCAP) update**

a. Staff Report

Mr. James DiPietro, Administrative Director, advised that the Board has been requested by the Broward County Environmental Planning and Community Resilience Division to participate in this group and it is past practice to bring such requests to the Board as staff time will be necessary. He wanted the Board to be aware that this is a different mission than that of the Board of Rules and Appeals. If acceptable to the County, he would assign the Chief Energy Code Compliance Officer to serve. He confirmed for the Chairman that the Board's role would be advisory.

b. Board Questions

In response to Mr. Falkanger, Chairman Lavrich referred to information in the backup provided having to do with the Division's five-year comparison. Mr. DiPietro noted that the County may ask the Board for proposed energy code changes. He felt the Board should try to help although there could be some conflict in that their mission is different.

c. If desired, motion adopting responses to State required questions for adopting technical amendments

Mr. Terry made a motion and Mr. Rice seconded the motion to authorize participation. The motion carried by unanimous vote of 10-0.

15. **Director's Report**

Mr. James DiPietro, Administrative Director, noted that the Board's fiscal year 2021 budget was approved by the County. One item in that budget is a small city grant program of \$7,500 on a reimbursement basis to assist with e-permitting. It would facilitate communications between the municipality and the County. He will present at the next meeting if possible proposed regulations on the application process.

16. **Attorney's Report**

Mr. Charles Kramer, Board Attorney, advised that he was asked to report on the effect of the Governor's Executive Order 20-69 (governmental bodies requiring a quorum could meet remotely) ending November 1st. Although the Board would have to meet in person, there are no rules concerning establishing a physical quorum for advisory committees. The Sunshine Law would still apply, and as such, posting of notices would be required and provision for public attendance remotely. He noted case law from Miami-Dade County.

17. **Committee Report**

Energy Ad Hoc Committee - Mr. Rice advised that the newly created Energy Committee is underway in that membership has been established and staff is working to set the first meeting date.

BDA (Bi-Directional Amplifier) Committee – Mr. Rice noted that installation of the County's new communications system has caused several problems with buildings. He was aware of two buildings preparing to open without the BDA system properly functional. One was a school. He is concerned about engineering practices. He felt this matter should be looked into. A Committee meeting will likely be held in the next month or so.

Chairman Lavrich noted that once the Ad Hoc Energy Committee is fully organized, the Board will be asked to establish it as a standing committee.

18. **General Board Members Discussion**

Chairman Lavrich suggested the Board create an open discussion Zoom meeting that would occur bi-monthly mid-afternoon or whatever might be appropriate. No formal Board business would be conducted. It may help to clarify the Board's purpose/mission and provide a forum to address questions via an informal dialogue. Target groups initially could be: 1)building departments, 2)city managers, 3)Broward League of Cities, 4)Greater Fort Lauderdale Alliance, 5)Building Officials and Inspectors Association, 6)architect and engineer groups such as FSCA, ASCE, AIA, 7)contractor groups, 8)general public and any other interest groups. Each meeting could perhaps have a theme but still be open for general discussion. Perhaps interested parties could submit questions or topics in advance. He suggested a time limit of one hour.

Mr. Ulmer thought from a consumer advocate point of view, it is a great idea to better inform the general public about the building code. Mr. Burr felt it is a great idea. It could be advertised in the newsletter. He suggested building officials be encouraged to bring forward issues they may have. Mr. Terry noted a meeting of that format has already been set by Mr. Vinas, Chief Plumbing Code Compliance Officer, with the Plumbing Contractors Association. He also felt it is a great idea.

Chairman Lavrich indicated if the Board wishes, he would be willing to serve another year as chair. There was no objection.

19. **Public Comment (3-minute limit per person) and written communications** - none

20. **Adjournment**

There being no further business, the meeting adjourned at 7:58 p.m.

Daniel Lavrich, P.E. - Chair

Section 1

JANUARY 14, 2021 BOARD MEETING
CERTIFICATIONS

BROWARD COUNTY SHERIFF'S OFFICE

HOLMES, MICHELLE, FIRE INSPECTOR

BROWARD COUNTY (UNINCORPORATED) - AIRPORT

CHMELY, EDWARD, JR., CHIEF ELECTRICAL INSPECTOR

CITY OF COOPER CITY

BLANCO, VICTOR, BUILDING OFFICIAL

CITY OF CORAL SPRINGS

BOTTING, PHILIPPE, FIRE INSPECTOR

HENLEY, KENNETH, FIRE INSPECTOR

TOWN OF DAVIE

PINGOL, ISABELLA, FIRE INSPECTOR

GROW, STEWART ALLEN, JR., CHIEF MECHANICAL INSPECTOR

CITY OF LIGHTHOUSE POINT

MITCHELL, STEVEN J., CHIEF ELECTRICAL INSPECTOR

CITY OF MIRAMAR

TRAPANESE, WILLIAM, CHIEF PLUMBING INSPECTOR

CITY OF PARKLAND

TRANA, JAN, CHIEF PLUMBING INSPECTOR

CITY OF PEMBROKE PINES

LICTRA, SALVATORE TED, CHIEF ELECTRICAL INSPECTOR

CITY OF PLANTATION

CHARNIN, MICHAEL D., ASSISTANT BUILDING OFFICIAL

GALE, WILLIAM, BUILDING OFFICIAL

CITY OF POMPANO BEACH

WESOLOWSKI, RICHARD R., FIRE INSPECTOR

CITY OF TAMARAC

VIRGIL, JEAN-YVES, FIRE INSPECTOR

JEAN-LOUIS, SERGE, STRUCTURAL PLANS EXAMINER – PROVISIONAL

CITY OF WILTON MANORS

KITTENDORF, SHANE, BUILDING OFFICIAL

COUNTYWIDE

DELARIONDA, CHAD, ELECTRICAL PLANS EXAMINER

FEJED, ALFREDO, PLUMBING PLANS EXAMINER

HIGHT, RODNEY J., STRUCTURAL INSPECTOR

HIGHT, RODNEY J., STRUCTURAL PLANS EXAMINER

GARRIDO, GUSTAVO A., STRUCTURAL INSPECTOR

GARRIDO, GUSTAVO A., STRUCTURAL PLANS EXAMINER

KITTENDORF, SHANE, STRUCTURAL INSPECTOR

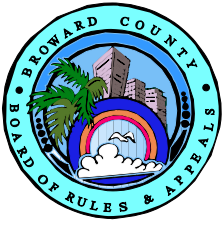
KITTENDORF, SHANE, STRUCTURAL PLANS EXAMINER

MIGOYA, RONALD J., STRUCTURAL INSPECTOR

MIGOYA, RONALD J., STRUCTURAL PLANS EXAMINER

TORRES, DANIEL, MECHANICAL PLANS EXAMINER

Section 2



BROWARD COUNTY

Board of Rules & Appeals

ONE NORTH UNIVERSITY DRIVE, SUITE 3500-B, PLANTATION, FLORIDA 33324

PHONE (954) 765-4500 FAX: (954) 765-4504

<http://www.broward.org/codeappeals>

To: Broward County Board of Rules and Appeals.
From: Bryan Parks, Chief Fire Code Official
Date: January 14, 2021
Subject: Broward County Local Amendments to the Florida Fire Prevention Code for the upcoming Florida Fire Prevention Code (FFPC) 7th Edition (2021).

Recommendation

The Board of Rules and Appeals, Fire Code Committee on December 17, 2020 addressed proposed changes to the Broward County Local Amendments to the Florida Fire Prevention Code (Broward Fire Code). In a vote of 13 to 0 in favor. The Fire Code Committee recommended that the Board adopt the changes to the Local Amendments to the Florida Fire Prevention Code 7th edition as provided herein.

Reasons

At the conclusion of each 3-year code cycle of the current Florida Fire Prevention Code (FFPC) 6th edition a new FFPC will be replace by the 7th edition as mandated by FS 633. The Broward County Local Amendments to the Florida Fire Prevention Code needs to be reviewed so as not to duplicate and must be more stringent that the new FFPC.

Most of the changes are an effort to streamline our local fire codes, to clarify, remove redundancies, consolidate two or more sections into one, and stay close to the Florida Fire Prevention Code but be more stringent than existing code or address provisions not covered under the FFPC. Staff review and suggestions possible modifications needed for the updated code sections of the existing local fire code. These were then provided to the Broward Fire Chiefs, Fire Prevention Sub-committee (Fire Marshals) for review and recommendations. The process starting in May 2020 with the Fire Marshals group reviewing the proposed code sections that they might want to review and address, over the next seven months the Fire Marshal held numerous meetings and proposed several changes to the Local Fire Code as attached here too.

Additional information

List of attached documents:

1. Overview of proposed changes w/ comments.
2. Revised 7th Edition of Broward County Local Amendments to the Florida Fire Prevention Code with stricken and underlined text to show changes from the 6th Edition of the Local Fire Code which was recommended by Staff and FM Group along with comments.
3. Clean 7th Edition, Broward County Local Amendments to the Florida Fire Prevention Code.

Respectfully Submitted,
Bryan Parks.

BROWARD LOCAL FIRE CODE AMENDMENTS

OVERVIEW OF PROPOSED CHANGES

7TH Edition of FFPC

F-101.2.2 (A) AHJ means Authority Having Jurisdiction shall be a federal, state, local organization, office or individual responsible for enforcing the requirements of this code as found in Chapter 1, Broward Administrative Provisions.

Commented [PB1]: As approved by FM Group
Directly address local fire amendments

F- 103.2 Powers and Duties of a Fire Marshal /Fire Code Official: The Fire Chief shall duly authorize his/her their representative of the Fire Service Provider/Fire Department to exercise the powers and perform the duties of the Chief. He/she They shall also be known as Fire Marshal/Fire Code Official. The Fire Marshal/Fire Code Official shall be authorized and directed to enforce the Fire Protection Provisions of this Code and the FFPC, and the sole authority to render interpretations of the Fire Protection Provisions of this Code and the FFPC, and to adopt policies and procedures in order to clarify the application of its provisions and shall have responsibility for the administration and enforcement of the FFPC and Fire Protection Provisions of this Code. Such interpretations, policies, and procedures shall be in compliance with the intent and purpose of the Fire Protection Provisions of this Code and the FFPC. Such policies and procedures shall not have the effect of waving requirements specifically provided for in the Fire Protection Provisions of this Code and FFPC. It shall be his/her their duty and responsibility to enforce and coordinate the work of all subordinates such as Fire Plans Examiners and Fire Inspectors. Based on current technology that the Fire Marshal/Fire Code Official does not have to be personally present at the Fire Service Provider/Fire Department as long as he/she they are is available by telephone/computer etc. and can perform their duties. In the event that the Fire Marshal/Fire Code Official/Fire Code Administrator is not available to perform his/her duties, the Fire Chief may appoint an interim Fire Marshal/Fire Code Official provided such person is qualified as set forth in Section F-103.3 of this Code and the FFPC. The Fire Chief or Fire Service Provider/Fire Department shall notify in writing BORA of the starting date and period of time that the Interim Fire Marshal/Fire Code Official will assume the Fire Marshal/Fire Code Official's duties. The name of the Interim Fire Marshal/Fire Code Official will be recorded by BORA but he/she they will not be issued a certification card as a Fire Marshal/Fire Code Official. The Fire Marshal/Fire Code Official shall be subject to the powers vested by Florida State Statute 633 and BORA in this Code. If there is one Fire Plans Examiner or Fire Inspector hired by an inspection authority, that Plans Examiner or Inspector shall be a Fire Marshal/ Fire Code Official.

Commented [PB2]: Sandra proposed replacing his/her with their or they
Approved by FM

Commented [PB3]: Delete – Jeff and Bruce Suggestions 8-28-20

Tommy-I agree we need to keep uniform throughout document. I am ok with either Fire Marshal/Fire Code Official or Fire Marshal/Fire Code Administrator. I think official sounds more official but our state certification is fire code admin.

F-103.2.4 It shall be the duty of the Fire Chief of the Fire Service Provider/Fire Department to inspect or cause to be inspected by his/her their duly authorized representatives of the Fire Prevention Bureau, as often as may be necessary, but not less than annually, during normal business hours, for the establishment in question, all buildings and premises, including common or public areas of condominium buildings, except the interior of private residential dwelling units, (unless invited therein by the owner or occupant thereof) as well as all public aisles, corridors, halls, rooms, storage areas, or other nonresidential areas of such buildings, for the purpose of ascertaining and causing to be corrected, any condition liable to cause fire or any violation of the provisions or intent of the FFPC, by providing written notice of the code sections violated, and to otherwise enforce any violation of the Fire Protection Provisions of this Code and the FFPC. Whenever the Fire Chief or his/her their duly authorized representatives of the Fire Service Provider/Fire Department determines that a violation exists, the person responsible for maintaining the building or area where such violation exists, shall be given reasonable written notice of such violation, and if the violation continues, a presumption of a violation of the Fire Protection Provisions of this Code and the FFPC, shall be created against the person responsible for maintaining the building or area where such violation exists. Rejections shall include specific reference to the Code Section upon which rejection is based in writing.

Commented [PB4]: FM Group supports removal of this line dealing with condominiums as condominium are apartment buildings

F-103.2.6 Stop-Work Orders. If the Fire Chief becomes aware of a hazardous condition, which presents immediate danger to life, work being done contrary to this code or FFPC, work without permit, he/she they shall be authorized to order the hazard removed or remedied immediately, and shall be empowered to order the closing of the building or

Commented [PB5]: FM Group likes new verbiage support modification
Need to be more descriptive and be clear

place where such danger to life violation exists, until such time as same has been corrected. Any failure of immediate compliance shall empower the Fire Chief, or his/her their duly authorized representative finding such hazardous condition creating immediate danger to life, to close such building or cause same to be closed and the people herein evacuated and barred from reentering until such time as such immediate danger to life, work being done contrary to this code or FFPC, work without permit, has been corrected. The Fire Chief, or his/her their duly authorized representative is given the authority to order any gas company, power company, or other utility company, to disconnect its service to any building or buildings containing gas or power installations, where such installations, in the opinion of the Fire Chief, or his/her their duly authorized representative creates an immediate danger to life work being done contrary to this code or FFPC, work without permit, and to otherwise close or evacuate such building thereto, until such installation is repaired or replaced and such hazard to life ceases to exist. Amendment Effective: 02/25/2019
Amendment Effective: 10/11/2019
 specific reference to the Code Section upon which rejection is based in writing.

F-103.4.2 Powers and Duties of the Fire Plans Examiner.

Such employee shall have the duties and powers as delegated by the Fire Chief except that the Fire Chief may not delegate authority to subordinates to interpret provisions of the Fire Protection Provisions of this Code, FFPC, and all Fire Codes which authority is assigned to the Fire Marshal/Fire Code Official. A Fire Plans Examiner, if properly qualified, may be certified and assigned duties in more than one category. Prior to the issuance of any permit for construction, erection, alterations, repair, or demolition, the Fire Plans Examiner shall review all plans and/or specifications in conjunction with the Building Department. One and two family detached residential dwelling units shall not be subject to provisions found in NFPA 101 ~~to~~ during plan review by the Fire Plans Examiner as described in this section or inspection by the Fire Plans Examiner as described in F.S. 633. When approvals by other agencies having authority may logically be required to be affixed to the plans and/or specifications before approval by the Fire Plans Examiner, such approval shall be affixed to the plans and/or specifications before examination by the Fire Plans Examiner. If the application or plans and/or specifications do not conform to the requirements of all pertinent laws or regulations, the Fire Plans Examiner shall reject such application in writing, stating the reasons therefore and citing the relevant code section(s) of the FFPC. Plans and/or specifications that are rejected, as stated herein above, shall be returned for correction. Pen notations on mechanically reproduced plans and/or specifications may be accepted for only minor corrections. If the applications, plans and/or specifications, upon examination, are found to comply with the requirements of the Fire Protection Provisions of this Code, the FFPC, and all Fire Codes, the plans and/or specifications shall be signed and marked approved. Fire Service Provider/Fire Department acceptance of fire and life safety features in buildings after performance objectives are met is required, prior to certificate of occupancy being issued.

Commented [PB6]: FM Group supports the changes to F-103.4.2

Nothing in this section shall be construed to provide an exemption from fire plan review for one and two family detached residential dwelling units which undergo a change in use or occupancy classification.

Commented [PB7]: Proposed by Board Legal

Commented [PB8]: Suggested by Jeff

Tommy - Not opposed either way. This wording is in the "fire" amendments so it would be assumed but you know what happens when you assume.

The Board lawyer asked for this to be inserted

F-104 Broward County Board of Rules and Appeals.

F-104.1 The Broward County Board of Rules and Appeals shall maintain a staff position to coordinate the enforcement of the Fire Protection Provisions of this Code, the FFPC, and all Fire Codes thereto. This person shall be known as the Chief Fire Prevention Code Compliance Officer and shall be certified as Fire Marshal/Fire Code Official. It is recommended that the individual under consideration for Fire Code Compliance Officer have at a minimum four years documented as a Fire Code Official / Fire Marshal.

Commented [PB9]: Suggested by Chief Lucas FM Group need to review in August

FM Grope supports modification 8-20-20

F-107 Standby Fire Watch:

F-107.1 Whenever in the opinion of the Fire Chief, Fire Marshal/Fire Code Official, or his/her their duly authorized representative, it is essential for public safety in any place of public assembly when a potentially hazardous condition or a reduction in life safety features exist any other place where people congregate, due to the number of persons, or the nature of the performance, exhibition, display, contest or activity, the Fire Chief or his/her their duly authorized representative may require the owner, agent or lessee to employ one or more certified Fire Inspectors or Firefighters, as required and approved by the Fire Chief, to be on duty at such place. Said Fire Inspectors/Firefighters shall be subject to the Fire Chief's and/or his their duly authorized representative orders at all times, when so employed, and remain on duty during the times such places are open to the public, or when such activity is being conducted. The Fire Chief may allow the use of other trained individuals to serve as an alternative to a Fire inspector / Fire Fighters

Commented [PB10]: FM Group agreed to changes

Commented [PB11]: Jeff suggested MAY be inserted and Tommy agreed

requirement. Before each performance or the start of such activity, said Fire Inspector/Firefighter or others allowed by the Fire Chief shall inspect all required fire/life safety equipment, to insure that such equipment is in proper working order, and shall keep diligent watch for any emergency that should arise. Should any emergency arise, the Fire Inspector/Firefighter or others allowed by the Fire Chief shall take whatever action necessary to protect the occupants and public from injury or any life-threatening condition.

SECTION F-108

Tents, ~~Air-Supported~~ Membrane Structures, Temporary Structures and Uses

F-108 Tents and ~~Air-Supported Structures~~ Membrane Structures

F-108.1 Places Of Assembly: For the purpose of this Section, a place of assembly shall include any circus, sideshow, carnival, tent show, theater, skating rink, dance hall or any other exhibition, production, engagement or offering, or other place of assembly in or under which 50 or more persons may gather for any purpose.

F-108.1.2 ~~Reserved Spray Application Membrane Enclosures~~

~~Temporary Paint spraying processes of marine vessels within membrane enclosures shall use NFPA 33, 2016, Chapter 18 as a reference.~~

F-108.3 Smoking and Open Flame:

~~F-108.3.1 Approved "NO SMOKING" signs shall be conspicuously posted.~~

F-108.3.2 An approved receptacle for the disposal of lighted smoking materials shall be provided at all entrances to tents and ~~air-supported~~ membrane structures.

F-108.4 Fire Extinguishers and other Fire-Protection Equipment: Fire extinguishers and other fire protection equipment shall be provided in every tent or ~~air-supported~~ membrane structure as follows:

~~F-108.5 Storage of Flammable or Combustible Liquids:~~

Flammable or combustible liquid shall not be stored in a tent or ~~air-supported~~ membrane structure nor less than 50 feet from any tent or ~~air-supported~~ membrane structure used for public assembly.

F-108.6 Housekeeping: Hay, straw, trash and other flammable material shall not be stored less than 35 feet from any tent or ~~air-supported~~ membrane structure, except as authorized by the authority having jurisdiction.

F-108.10 Vehicles on Display:

F-108.10.1 When vehicles are on display ~~or stored inside any occupancy group other than an automobile show room, mall or place of assembly, the fuel tanks shall be removed or made inert if required by the AHJ, it shall~~ comply with the provisions listed in NFPA 1, 20.1.5.5.4.12

~~F-108.10.2 These requirements shall not apply to automotive showrooms.~~

SECTION F-110

~~High Piled Combustible Storage:~~

~~F-110 This Section, at the discretion of the AHJ, shall apply to the storage of high-piled combustible storage.~~

~~F-110.1 Classification of Contents:~~

~~Commodity classification shall be as defined and in accordance with NFPA 13.~~

Commented [PB12]: FM Group – delete air-support and insert Membrane Structures

Commented [PB13]: FM Group – remove places of assembly

Commented [PB14]: Jeff believes this is in NFPA 1 and should be deleted

Tommy: Agrees

Commented [PB15]: FM Group – remove this section

Commented [PB16]: FM Group – remove air support and replace w/ membrane and delete use for public assembly

Commented [PB17]: NFPA 1, 2018 20.1.5.5.4.12

Bruce to provide verbiage agreed to by committee on 8-27-20 Ok Jeff, Tommy and myself

Commented [PB18]: Delete: NFPA 13, Chapter 20 address this code section. FM Group believes that this code section is perceived to be more like Engineering Design and should not be in code.

F-110.2 Roof Vents, Venting Ratios and Draft Stops:

F-110.2.1 Roof vents and draft stops shall be installed when the area used for high piled combustible storage exceeds 2,500 square feet, inclusive of aisles.

F-110.3 Automatic Fire Sprinkler Systems:

F-110.3 Roof vents and draft stops are not required when the area is protected by an approved automatic fire sprinkler system.

F-110.3.1 The design and installation of roof vents and draft stops shall be as specified in the FFPC, this Code except as herein provided.

F-110.3.2 Vents shall be installed in the roof, except that perimeter venting in the exterior walls by the use of automatic opening windows will be permitted to vent roof areas within 75 feet of an exterior wall. The top of such windows shall be located within one (1) foot of the roof or ceiling level and the windows shall be not less than 30 inches nor more than 60 inches in depth. Roof areas more than 75 feet from an exterior wall shall be provided with roof vents. Venting shall be provided in accordance with the following table.

Hazard Classification	Vent Area to Floor Area	Maximum Spacing Between Vent Centers
Classes I, II, III	1:100	120 Feet

Class IV	1:50	100 Feet
Special Hazard Commodities	1:30	75 Feet

F-110.3.3 The minimum dimension of any roof vent shall be not less than four (4) feet.

F-110.3.4 Vents shall consist of automatic roof vents or automatic opening windows equipped with a fusible link designed to release at a higher temperature than the automatic sprinkler but not less than 165 degrees F.

F-110.3.5 Draft stops shall be provided to aid the operation of roof vents.

F-110.3.6 Draft stops shall be at least six (6) feet in height and shall be of approved materials. For Classes I, II, and III commodities, draft stops shall divide the under roof area into sections not to exceed 10,000 square feet. For Class IV and Special Hazard Commodities, draft stops shall divide the under roof area into sections not to exceed 6000 square feet.

F-110.3.7 Aisles of not less than 44 inches in width shall be established to provide access to exits and Fire Service Provider/Fire Department access doors.

F-110.3.8 Access door to building shall be provided. There shall be at least one access door not less than three (3) feet in width and not less than 6 feet 8 inches in height in 100 lineal feet or major fraction thereof of the exterior wall which faces the access roadways required by this Code. Metal roll-up doors are not acceptable for such purposes unless approved by the Fire Marshal/Fire Code Official, or his/her duly authorized representative.

**SECTION F-112
Automatic Sprinklers Required**

F-112 Automatic Sprinklers Required:

F-112.1 Fire flow testing of a water supply for an Automatic Fire Protection Systems (AFPS) and/or Standpipe System using water as an extinguishing agent for new and existing buildings and structures shall be in accordance with NFPA 291, Recommended Practice for Fire Flow Testing and Marking of Hydrants, Florida Administrative Code (FAC) 69A-60.

~~Fire flow testing of the Water Supply for Automatic Fire Protection Systems (AFPS) and Automatic Standpipe Systems (ASS) using water as an extinguishing agent for new buildings and structures and existing buildings and structures where the AFPS and ASS are altered by more than seventy five (75) percent of their value shall be as follows:~~

~~a) Fire flow test of the water supply for AFPS and ASS shall be in accordance with NFPA 291, Recommended Practice for Fire Flow Testing and Marking of Hydrants, Florida Administrative Code (FAC) 69A-60.~~

~~b) The engineer of record (EOR) shall be responsible to review the fire flow results, potential drought impact and future demands to the water distribution system. Where the EOR determines that the water distribution system will be significantly impacted during drought conditions or as a result of anticipated future growth, the EOR shall provide a safety margin in the design of the AFPS/ASS. The EOR shall utilize NFPA 13 annex as a guide in reviewing water distribution systems.~~

~~c) Design of the water flow for the AFPS and/or ASS shall be the same as that obtained from the fire flow test.~~

~~d) The residual pressure at the required water flow at the connection to the water main for an AFPS and/or ASS shall not be less than 20 PSI.~~

~~e) The static pressure at the water main shall be determined by a recorded method for a minimum twenty four (24) hour period.~~

~~f) Fire flow test data shall not be more than one (1) year prior to the plans, hydraulic calculations and submittals for the AFPS and/or ASS being submitted to AHJs for their review and acceptance. The results of the fire flow test shall be provided to the AHJ at the time of the submittal of the plans, hydraulic calculations and submittals for the water based AFPS and/or ASS.~~

F-112.5 Limited Access Structures -Manual Wet Standpipe.

F-112.5.1 Where automatic fire sprinklers are installed in new Mini Storage Buildings, fire department emergency access openings acceptable to the AHJ shall also be provided. The emergency access openings shall not be less than the dimensions referenced in the Life Safety Code for Underground and Limited Access Structures.

~~Required standpipes shall be manual wet. The water connection to the manual wet standpipe shall be from a domestic water system through a minimum 1 inch water connection with an approved manufactured check valve backflow prevention device.~~

SECTION F-114 Portable Fire Extinguishers

F-114 Portable Fire Extinguishers. Portable fire extinguishers shall be installed and maintained at each floor level in multi-family occupancies in accordance with NFPA 10.

SECTION F-119

Liquefied Petroleum Gases

Commented [PB19]: Tommy to provide new section

Commented [PB20]: New verbiage proposed by FM Group to capture existing and what is now found in NFPA Code

Commented [PB21]: Delete FM Prevention agreement

They are covered in NFPA Standards

Commented [PB22]: Delete - Is now found in Fire Code and Building Code 905

Commented [PB23]: Proposed by Sandra Llues to clarify NFPA 1, and NFPA 101, 11.7

Commented [PB24]: Delete per FM Group as it can be found in existing code

~~F-119.3 A permit is not required for portable cylinders 20 lbs, or less for portable equipment.~~

Commented [PB25]: Delete FM Group is now in NFPA 58

~~F-119.4.2 Within the limits established by law restricting the storage of liquefied petroleum gas for the protection of heavily populated or congested commercial areas, the aggregate capacity of any one installation shall not exceed 2,000 gallons water capacity, except that in particular installations this capacity limit may be altered at the discretion of the BCFCC by the approval of the Fire AHJ after consideration of special features such as topographical conditions, nature of occupancy and proximity to buildings, capacity of proposed tanks, degree of private fire protection to be provided and facilities of the local Fire Department. The storage of liquefied petroleum gas shall conform to the provisions of the local zoning ordinance.~~

Commented [PB26]: FM Groupe believes that the Fire AHJ should make this decision for his jurisdiction

~~F-119.4.3 Where a distributing point is allowed, there shall be in attendance a qualified person to make the transfer of liquefied petroleum gas. This person shall have been trained by a licensed gas company, and be in possession of documents certifying such training. The owner of the distributing point shall be licensed by the LP Division of the State of Florida Florida Department of Agriculture and Consumer Services – Visions of Consumer Services.~~

Commented [PB27]: Tommy -- Name change - Florida Department of Agriculture and Consumer Services – Division of Consumer Services

Support

~~F-119.4.4 All plans for installations at distributing points shall be submitted to the AHJs for permits and approval. In addition, plans for locations at distributing points for fixed (stationary) installations of~~

- 1) 2,000 gallons individual water capacity, or
- 2) with the aggregate water capacity exceeding 4,000 gallons, or
- 3) Any installation, regardless of size, which will be used for resale to the public, shall be submitted to the State of Florida LP Division Florida Department of Agriculture and Consumer Services – Visions of Consumer Services for approval and proper licensing, and be approved before the installation is started. Other safety precautions shall be adhered to as designated by the Fire Code Official/Fire Marshal, or his/her their duly authorized representative.

~~F-119.4.6 A distributing plant, as defined in F-117.1- 119.2 shall be prohibited unless approved by the Fire Code Official/Fire Marshal or Fire Code Manager/Administrator, or his/her their duly authorized representative, of the jurisdiction.~~

Commented [PB28]: FM Group believe that should reflect F-119.2

~~F-119.9.1 At the discretion of the Authority Having Jurisdiction, whenever the use of liquefied petroleum gas equipment has been discontinued, it shall may be abandoned in an approved manner within a period of 30 days. However, after 90 days, F-119.9.4 applies.~~

Commented [PB29]: FM Group recommend deleting old language and replacing with the following

~~F-119.9.5 Combustible Gas Detection: In all facilities where combustible gases are piped to an appliance, a combustible gas detection system with an external notification device shall be installed in accordance with NFPA 72. The external notification device shall provide audio and visual notification and have a sign not less than 14” x 14” stating “combustible gas detected, call 911”.~~

Commented [PB30]: FM Groupe suggest this new code section after the Plantation explosion related to combustible gas.

~~F-119.10 Protecting containers from Vehicles: LP gas containers located in or adjacent to areas such as alleys, driveways, loading docks or parking lots where they may be damaged by vehicles, shall be protected from damage.~~

Commented [PB31]: Delete FM Group The code section is found in code 58.6.8.1.2

F-119.104 Hydrogen Fuel for Emergency Power Systems.

Hydrogen stationary fuel cell power systems shall be installed in accordance with NFPA 853 of the current edition. Storage shall be in compliance with NFPA 55 (Storage, Use and Handling of Compressed Gases Cryogenic Fluids in Portable or Stationary Containers, Cylinders and Tanks) for installation.

~~F-120.1.6.2.4 The date and time of day at which the display is to be held and the duration time for said display. Permits shall not be issued for displays between the hours of 11:00 pm and 7:30 am.~~

Commented [PB32]: FM Group believes this was left out and make more since

F-120.7 Pyrotechnics Before Proximate Audience

Commented [PB33]: FM Groupe believes this should have a heading

~~F-120.7.1 A permit application for the use of pyrotechnics before a proximate audience shall be submitted in writing to the local Fire Marshal/Fire Code Official, or his/her duly authorized representative at least 15 business days prior to the display. Application for permit to operate a display of pyrotechnics before a proximate audience shall be made~~

Commented [PB34]: FM Group believes that the permitting language found in F-120.1.6.1 need to be uniform as found in F-120.7.1

in writing on forms provided by the Authority Having Jurisdiction to the Fire Chief, or his/her ~~their~~ duly authorized representative, at least 15 days in advance of the date of the display.

~~F-121 Photovoltaic (PV)~~

~~The design, installation, operation, inspection, and maintenance of all photovoltaic electrical equipment shall comply with this section of the Local Fire Code Amendments to the Florida Fire Prevention Code and NFPA 70-NEC.~~

~~F-121.1 Remote Disconnect~~

~~a) If the PV Solar disconnect cannot be located at the utility service point, a sign / placard securely mounted to the building shall indicate the location on the exterior of the building where the solar disconnect can be found. The sign / placard for the remote disconnect shall be affixed at the utility meter, directing the Fire Service Provider/Fire Department personnel to the location where the PV Solar Disconnect can be found (sign / placard material and lettering shall be as stated above and give clear directions to the location of the PV Solar disconnect location).~~

~~F-121.2 PV Solar systems installed in Commercial buildings where any life safety device, equipment, system, level of protection, or any other feature required for compliance with the life safety code relying on continuous electricity shall be inspected for integrity and operability as intended per its respective code.~~

~~F-121.3.1 Rapid Shutdown of PV Systems on Buildings:~~

~~All buildings with solar systems shall comply with NFPA 70, section 690.12 as it relates to a means to disconnect voltage on the load side of solar panels in an emergency situation.~~

F-122 Mobile and Temporary Cooking Operations

~~**F-122.1.3 Mobile Food Dispensing Vehicles shall be separated and have a clearance of at least 10 ft. (3 m) in all directions from any vehicles, buildings, combustible materials, and other cooking operations.**~~

Commented [PB35]: Delete F-121 Photovoltaic as it is found in NFPA 1, 11.12

Commented [PB36]: Delete as now found in NFPA 1, 50.7.5

PROPOSED AMENDMENTS

Broward County Local Amendments to the Florida Fire Prevention Code

SECTION F-101 GENERAL

F-101.1— Title. These regulations shall be known as the Broward County Local Fire Code Amendments to the Florida Fire Prevention Code (FFPC).

F- 101.2 - Scope. The provisions of this Chapter shall govern the administration and enforcement the FFPC and the Fire Protection Provisions of this Code and shall apply countywide in both incorporated and unincorporated areas of Broward County, Florida. The provisions of this code shall apply to new and existing buildings or structures, equipment, installations, construction, alteration, movement, enlargement, replacement, repair, use and occupancy, location, maintenance, removal and demolition of every building or structure or any appurtenances connected or attached to such buildings.

F-101.2.1 Appendices or Annexes: Provisions in the appendices or Annexes shall not apply unless specifically adopted by Florida Statute 633.

F-101.2.2 Definitions:

- A. **AHJ** means Authority Having Jurisdiction shall be a federal, state, local organization, office or individual responsible for enforcing the requirements of this code as found in Chapter 1, Broward Administrative Provisions.
- B. **BCFCC** means Broward County Fire Code Committee
- C. **BORA** means the Broward County Board of Rules and Appeals
- D. **Engineer** means licensed professional engineer, licensed in the State of Florida
- E. **FBC** means the Florida Building Code
- F. **FFPC** means the Florida Fire Prevention Code including the Broward County Local Fire Amendments to the Florida Fire Prevention Code
- G. **State** means State of Florida
- H. **Fire Code Manager/Administrator** means a person certified by the State Fire Marshal Office as meeting the provisions found in NFPA 1037 and means Fire Marshal / Fire Code Official.
- I. **Fire Service Provider** means Fire Department
- J. **Door / Door Assembly;** when used for fire service provider access as referred to in this code or the FFPC, except

in chapters where other configurations are specifically permitted, shall mean a side hinged, swinging type egress exterior door / door assembly that can be opened from the outside and that provides access to the interior of the dwelling unit or building.

K. AHCA: Agency for Health Care Administration

L. APD: Agency for Persons with Disabilities.

M. Class: The class defines the minimum time, in hours, for which the EPSS is designed to operate at its rated load without being refueled or recharged.

N. Board and Care Occupancy. An occupancy used for lodging and boarding of residents, not related by blood or marriage to the owners or operators, for the purpose of providing personal care services.

O. Legally Required Standby Generator: Those systems required and so classed as legally required standby secondary power sources by municipal, state, federal, or other codes or by any governmental agency having jurisdiction. These systems are intended to automatically supply power to selected loads (other than those classed as emergency systems) ~~in the event of failure of the normal source.~~

P. Emergency Generators Systems: Those systems legally required and classed as emergency by municipal, state, federal, or other codes, or by any governmental agency having jurisdiction. Those systems are intended to automatically supply illumination, power, or both, to designated areas and equipment in the event of failure of the normal supply or in the event of accident to elements of a system intended to supply, distribute, and control power and illumination essential for safety to human life.

Q. EPS: Emergency Power Supply. The source of electric power of the required capacity and quality for an emergency power supply system (EPSS).

R. EPSS: Emergency Power Supply System. A complete functioning EPS system coupled to a system of conductors, disconnecting means and overcurrent protective devices, transfer switches, and all control, supervisory, and support devices up to and including the load terminals of the transfer

Commented [PB1]: As approved by FM Group

equipment needed to operate as a safe and reliable source of electric power.

S. Permit: A document issued by the AHJ for the purpose of authorizing performance of a specified activity.

T. Plans: Plans are required for new construction, modification, or rehabilitation, construction documents and shop drawings and shall be submitted, reviewed and approved prior to the start of such work. Plans shall be prepared by a licensed Florida professional engineer.

U. Qualified Person: One who has skills and knowledge related to the operation, maintenance, repair, and testing of the EPSS equipment and installations and has received safety training to recognize and avoid the hazards involved.

F-101.3 - Intent. The purpose of the FFPC is to establish the minimum requirements to safeguard the public health, safety and general welfare through structural strength, means of egress, facilities, stability, sanitation, adequate light and ventilation, energy conservation, and safety to life and property from fire and other hazards attributed to the built environment including alteration, repair, removal, demolition, use and occupancy of buildings, structures or premises, and by regulating the installation and maintenance of all electrical, gas, mechanical and plumbing systems, which may be referred to as service systems and to provide safety to fire fighters and emergency responders during emergency operations.

F-101.4 - Violations and Penalties. Any person, firm or corporation, who shall violate a provision of the FFPC or a Fire Protection Provision of this Code or fail to comply therewith, or with any of the requirements thereof, shall be guilty of a misdemeanor. Each such person shall be deemed guilty of a separate offense for each and every day or portion thereof during which any violation of any of the provisions of the FFPC or any Fire Protection Provisions of this Code is committed or continued, and upon conviction of any such violation, such person shall be punishable by a fine of not less than fifty (\$50) nor more than five hundred (\$500) dollars, or by imprisonment not exceeding sixty days, or by both such fine and imprisonment.

F-101.5--- Quality control. Quality control of materials and workmanship is not within the purview of the FFPC or this Code except as it relates to the purposes stated herein.

F-101.6--- Referenced Codes. The other codes listed in and referenced elsewhere in the FFPC, all Fire Codes, and the Fire Protection Provisions of this Code shall be considered part of the requirements of the FFPC to the prescribed extent of each such reference.

F-101.6.1 Fire prevention. For provisions related to fire prevention, refer to the FFPC as referenced in Florida Statute 633, Broward County Local FFPCs as adopted and the Fire Protection Provisions of this Code as referenced above. The FFPC shall apply to matters affecting or relating to structures, processes and premises from the hazard of fire and explosion arising from the storage, handling or use of structures, materials or devices; from conditions hazardous to life,

property or public welfare in the occupancy of structures, or premises; and from the construction, extension, repair, alteration or removal of fire suppression and alarm systems or fire hazards in the structure or on the premises from occupancy or operation.

SECTION F-102 Applicability

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

F-102.1.1 FFPC and the Fire Protection Provisions of this Code, does not apply to, and no code enforcement action shall be brought with respect to, zoning requirements, land use requirements and owner specifications or programmatic requirements which do not pertain to and govern the design, construction, erection, alteration, modification, repair or demolition of public or private buildings, structures or facilities or to programmatic requirements that do not pertain to enforcement of, FFPC and Fire Protection Provisions of this Code.

SECTION F-103 Fire Chief, Bureau of Fire Prevention, Fire Marshal, Fire Code Official, Fire Plans Examiner, and Fire Inspector

F- 103 — Bureau of Fire Prevention: A Bureau of Fire Prevention shall be established within the Fire Service Provider/Fire Department, under the direction of the Fire Chief, which shall consist of such Fire Service Provider/Fire Department personnel as may be assigned thereto, by the Fire Chief, in accordance with the requirements prescribed herein. The function of this bureau shall be to assist the Fire Chief in the administration and enforcement of the FFPC, Fire Protection Provisions of this Code, and the Fire Protection Provisions of this Chapter. Personnel assigned to the bureau as the Fire Marshal / Fire Code Official, Fire Plans Examiner, and/or Fire Inspector shall be certified by BORA.

F-103.1 — Appointment of Fire Marshal/ Fire Code Official: There shall be appointed by the Fire Chief certain fire prevention personnel to be qualified as set forth in this Chapter as part of the FFPC to be qualified as Fire Marshal / Fire Code Official. Personnel assigned to the bureau as Fire Marshal / Fire Code Official, Fire Plans Examiner, and / or Fire Inspector shall be State Certified Firefighters, State Certified Fire Inspectors, and certified by BORA. For state certification and recertification refer to Florida State Statute 633.

F- 103.2 Powers and Duties of a Fire Marshal /Fire Code Official: The Fire Chief shall duly authorize ~~his/her~~ their representative of the Fire Service Provider/Fire Department to exercise the powers and perform the duties of the Chief. ~~He/she~~ They shall also be known as Fire Marshal/Fire Code Official. The Fire Marshal/Fire Code Official shall be

Commented [PB2]: Sandra proposed replacing his/her with their or they

authorized and directed to enforce the Fire Protection Provisions of this Code and the FFPC, and the sole authority to render interpretations of the Fire Protection Provisions of this Code and the FFPC, and to adopt policies and procedures in order to clarify the application of its provisions and shall have responsibility for the administration and enforcement of the FFPC and Fire Protection Provisions of this Code. Such interpretations, policies, and procedures shall be in compliance with the intent and purpose of the Fire Protection Provisions of this Code and the FFPC. Such policies and procedures shall not have the effect of waving requirements specifically provided for in the Fire Protection Provisions of this Code and FFPC. It shall be his/her their duty and responsibility to enforce and coordinate the work of all subordinates such as Fire Plans Examiners and Fire Inspectors. Based on current technology that the Fire Marshal/Fire Code Official does not have to be personally present at the Fire Service Provider/Fire Department as long as he/she they are is available by telephone/computer etc. and can perform their duties. In the event that the Fire Marshal/Fire Code Official/Fire Code Administrator is not available to perform his/her duties, the Fire Chief may appoint an interim Fire Marshal/Fire Code Official provided such person is qualified as set forth in Section F-103.3 of this Code and the FFPC. The Fire Chief or Fire Service Provider/Fire Department shall notify in writing BORA of the starting date and period of time that the Interim Fire Marshal/Fire Code Official will assume the Fire Marshal/Fire Code Official's duties. The name of the Interim Fire Marshal/Fire Code Official will be recorded by BORA but he/she they will not be issued a certification card as a Fire Marshal/Fire Code Official. The Fire Marshal/Fire Code Official shall be subject to the powers vested by Florida State Statute 633 and BORA in this Code. If there is one Fire Plans Examiner or Fire Inspector hired by an inspection authority, that Plans Examiner or Inspector shall be a Fire Marshal/ Fire Code Official.

F-103.2.1 Under the Fire Chief's direction, the Fire Service Provider/Fire Department shall enforce the Fire Protection Provisions of this Code and the FFPC and all Fire Codes pertinent to the prevention of fires, suppression or extinguishing of fires, storage, use and handling of explosive, flammable, combustible, toxic, corrosive and other hazardous gaseous, and solid and liquid materials. These inspections shall include, but are not limited to:

F-103.2.1.1 The inspection of equipment and maintenance of automatic, manual and other fire alarm systems and fire extinguishing equipment;

F-103.2.1.2 The maintenance and regulation of fire escapes;

F-103.2.1.3 The maintenance of fire protection and the elimination of fire hazards on land and in buildings, structures and other property, including those under construction;

F-103.2.1.4 The means and adequacy of each exit in the event of fire or similar emergency, from factories, schools, hotels, lodging houses, asylums, hospitals, churches, halls, theaters, amphitheaters and all other places in which people work, live or congregate from time to time for any purpose; and

F-103.2.1.5 The investigation of the origin, cause, and circumstances of fires.

F-103.2.3 No enforcing agency may issue any permit for construction, erection, alteration, repair, or demolition until the Building Official/Fire Code Official, in conjunction with the appropriate fire plans examiner, has reviewed the plans and/or specifications for such proposal and both officials have found the plans and/or specifications to be in compliance with the FFPC and the applicable fire safety standards as determined by the local authority in accordance with the FFPC and Chapter 633, Florida Statutes. Plans shall be reviewed within 30 working days from the date of submission or specifications are received. In the event that agreement cannot be reached between the Building and Fire Officials, the dispute shall be referred to the BCFC for review and recommendation to BORA.

F-103.2.4 It shall be the duty of the Fire Chief of the Fire Service Provider/Fire Department to inspect or cause to be inspected by his/her their duly authorized representatives of the Fire Prevention Bureau, as often as may be necessary, but not less than annually, during normal business hours, for the establishment in question, all buildings and premises, including common or public areas of condominium buildings, except the interior of private residential dwelling units, (unless invited therein by the owner or occupant thereof) as well as all public aisles, corridors, halls, rooms, storage areas, or other nonresidential areas of such buildings, for the purpose of ascertaining and causing to be corrected, any condition liable to cause fire or any violation of the provisions or intent of the FFPC, by providing written notice of the code sections violated, and to otherwise enforce any violation of the Fire Protection Provisions of this Code and the FFPC. Whenever the Fire Chief or his/her their duly authorized representatives of the Fire Service Provider/Fire Department determines that a violation exists, the person responsible for maintaining the building or area where such violation exists, shall be given reasonable written notice of such violation, and if the violation continues, a presumption of a violation of the Fire Protection Provisions of this Code and the FFPC, shall be created against the person responsible for maintaining the building or area where such violation exists. Rejections shall include specific reference to the Code Section upon which rejection is based in writing.

F-103.2.5 Right of Entry. Upon presentation of proper credentials, the Fire Chief, Fire Marshal/Fire Code Official, or his/her their duly authorized representative may enter, at any reasonable time, any building, structure or premises for the purpose of making any inspection or investigation, which under the Fire Protection Provisions of this Code and the FFPC with the exception to private residential dwelling units as defined in FFPC.

F-103.2.6 Stop-Work Orders. If the Fire Chief becomes aware of a hazardous condition, which presents immediate danger to life, work being done contrary to this code or FFPC, work without permit, he/she their they shall be authorized to

Commented [PB4]: New code section

105.3.1 Action on application. The Building Official and Fire Code Official or his or her duly authorized representative shall examine or cause to be examined applications for permits and amendments thereto within thirty (30) working days after plans and/or specifications are submitted and accepted for a building permit. The Building Official or his or her duly authorized representative shall notify the applicant in writing or electronically, that a permit is ready for issuance or that additional information is required. If the application or the construction documents do not conform to the requirements of pertinent laws, the Building Official and/or Fire Code Official shall reject such application in writing or electronically, stating the reasons therefore citing relevant code sections. If the Building Official and after consulting with the Fire Code Official is satisfied that the proposed work conforms to the requirements of this Code, laws and ordinances applicable thereto, the Building Official shall issue a permit therefore as soon as practicable, to persons or firms qualified in accordance with 105.3.0.1.1 and/or FFPC.1.12. When authorized through contractual agreement with a school board, in acting on applications for permits, the building official shall give first priority to any applications for the construction of, or addition or renovation to, any school or educational

Commented [PB3]: Delete – Jeff and Bruce Suggestions 8-28-20

Tommy-I agree we need to keep uniform throughout document. I am ok with either Fire Marshal/Fire Code Official or Fire Marshal/Fire Code Administrator. I think official sounds more official but our state certification is fire code admin.

Commented [PB5]: FM Group supports removal of this line dealing with condominiums as cond. are apartment buildings

Commented [PB6]: FM Group likes new verbiage support modification

Commented [PB7]: Remove Their and replace with They per legal review

order the hazard removed or remedied immediately, and shall be empowered to order the closing of the building or place where such danger to life violation exists, until such time as same has been corrected. Any failure of immediate compliance shall empower the Fire Chief, or his/her **their** duly authorized representative finding such hazardous condition creating immediate danger to life, to close such building or cause same to be closed and the people herein evacuated and barred from reentering until such time as such immediate danger to life, **work being done contrary to this code or FFPC, work without permit**, has been corrected. The Fire Chief, or his/her **their** duly authorized representative is given the authority to order any gas company, power company, or other utility company, to disconnect its service to any building or buildings containing gas or power installations, where such installations, in the opinion of the Fire Chief, or his/her **their** duly authorized representative creates an immediate danger to life, **work being done contrary to this code or FFPC, work without permit**, and to otherwise close or evacuate such building and to bar reentry thereto, until such installation is repaired or replaced and such hazard to life ceases to exist. Rejections shall include specific reference to the Code Section upon which rejection is based in writing.

F-103.2.7 The Fire Chief or his/her **their** duly authorized representative upon the complaint of any person or whenever he/she **they** shall deem it necessary, shall inspect any buildings and premises within their jurisdiction.

F-103.2.8 Approval of the Fire Service Provider/Fire Department accessibility and all tests of fire alarm detection and suppression systems, smoke evacuation systems and life safety systems shall be conducted prior to final structural inspection and issuance of Certificate of Occupancy.

F-103.2.9 Orders To Eliminate Dangerous Or Hazardous Conditions: Whenever the Fire Chief or his/her **their** duly authorized representative shall find in any building or upon any premises, dangerous or hazardous conditions or materials, including, but not limited to violations of the requirements encompassed in Chapter 633, Florida Statutes, or the following Paragraphs, he/she **they** shall order such violations and dangerous conditions or materials removed or remedied.

F-103.2.9.1 Dangerous or unlawful amounts of combustible or explosive or otherwise hazardous materials.

F-103.2.9.2 Hazardous conditions arising from defective or improperly installed equipment for handling or using combustible or explosive or otherwise hazardous materials.

F-103.2.9.3 Dangerous accumulation of rubbish, wastepaper, boxes, shavings, or other flammable materials.

F-103.2.9.4 Accumulations of dust or waste material in air conditioning or ventilation systems or of grease in kitchen or other exhaust ducts.

F-103.2.9.5 Hurricane Protection Devices

After the termination of such periods of time that had been designated by the National Weather Service as being a hurricane watch or warning, hurricane protective devices installed on occupied buildings which impede required egress or required light and ventilation shall be removed within 15 days.

F-103.2.9.6 Obstructions to, on, or under fire escapes, stairs, passageways, or doors, liable to interfere with the operations of the Fire Service Provider/Fire Department or egress of occupants; locked exits shall constitute an unsafe condition.

Exception: unless permitted by the Fire Protection Provisions of this Code and the FFPC.

F-103.2.9.7 Obstruction to windows. Where windows are required to provide the second means of escape from a room or area, the following are prohibited.

F-103.2.9.7.1 Bars that cannot be opened from the inside.

F-103.2.9.7.2 Other obstructions such as security grill.

Exception: Only one (1) window is required to meet the above where two (2) windows are in the same room or area.

F-103.2.9.8 Reserved

F-103.2.9.9 Reserved

F-103.2.9.10 Any building or other structure which, for want of repairs, lack of adequate exit facilities, automatic or other fire alarm apparatus or fire extinguishing equipment, or by reason of age or dilapidated condition, or from any other cause, create a hazardous condition.

F-103.2.9.11 Reserved

F-103.2.9.12 The improper storage, transporting or handling of all classes of flammable or combustible liquids or otherwise hazardous substances any place within the enforcing jurisdiction.

F-103.3 Certification of Fire Marshal/Fire Code Official. The Fire Marshal/Fire Code Official shall be certified by BORA as a Fire Code Official, be a certified Firefighter as defined by 69A-37 as refereed to collectively (parts 1 and 2) as the "Minimum Standards Course", be a State certified Fire Inspector, and shall meet one or more of the following qualifications:

Amendment Effective: 02/

F-103.3.1 An Engineer and/or a Degree in Fire Science and/or a Degree in Fire Prevention and shall have been employed as a County or City Fire Inspector for three (3) years within the State of Florida and shall possess a Broward County Certification.

F-103.3.2 A County or City Fire Plans Examiner with at least five (5) years of experience within the State of Florida and shall possess a Broward County Certification.

F-103.3.3 Ten (10) years' experience as a Fire Inspector, employed in a County or City within the State of Florida with at least five (5) years of experience within the jurisdiction of the FFPC and be a Broward County Certified Fire Inspector.

F-103.3.4 Have been fulfilling the duties of a Fire Marshal/Fire Code Official with five (5) years continuous service as such within a County or City in the State of Florida and shall possess a Broward County Certification.

F-103.3.5 Possesses a certification issued by the State Fire Marshal as a Fire Code Manager/Administrator in accordance with NFPA 1037 with a total of six (6) years' experience with a County or City as a fire plans examiner and inspector in Florida; and shall possess a Broward County Certification.

F-103.3.6 Three (3) years' experience as a Broward County Certified Plans Examiner and nationally certified as an NFPA Certified Fire Inspector 1 (CFI-1), NFPA Certified Fire Plans Examiner (CFPE) and NFPA Certified Fire Protection Specialist (CFPS).

F-103.4 Fire Plans Examiner. As set forth herein:

F-103.4.1 Appointment of a Fire Plans Examiner. There shall be appointed by the Fire Chief of each Fire Service Provider/Fire Department certain fire prevention personnel to be qualified as set forth in this Chapter as part of the FFPC to serve as a Fire Plans Examiner. To be eligible for appointment as a Fire Plans Examiner, such person shall be certified by BORA.

F-103.4.2 Powers and Duties of the Fire Plans Examiner. Such employee shall have the duties and powers as delegated by the Fire Chief except that the Fire Chief may not delegate authority to subordinates to interpret provisions of the Fire Protection Provisions of this Code, FFPC, and all Fire Codes which authority is assigned to the Fire Marshal/Fire Code Official. A Fire Plans Examiner, if properly qualified, may be certified and assigned duties in more than one category. Prior to the issuance of any permit for construction, erection, alterations, repair, or demolition, the Fire Plans Examiner shall review all plans and/or specifications in conjunction with the Building Department. One and two family detached residential dwelling units shall not be subject to provisions found in NFPA 101 ~~to~~ during plan review by the Fire Plans Examiner as described in this section or inspection by the Fire Plans Examiner as described in F.S. 633. When approvals by other agencies having authority may logically be required to be affixed to the plans and/or specifications before approval by the Fire Plans Examiner, such approval shall be affixed to the plans and/or specifications before examination by the Fire

Plans Examiner. If the application or plans and/or specifications do not conform to the requirements of all pertinent laws or regulations, the Fire Plans Examiner shall reject such application in writing, stating the reasons therefore and citing the relevant code section(s) of the FFPC. Plans and/or specifications that are rejected, as stated herein above, shall be returned for correction. Pen notations on mechanically reproduced plans and/or specifications may be accepted for only minor corrections. If the applications, plans and/or specifications, upon examination, are found to comply with the requirements of the Fire Protection Provisions of this Code, the FFPC, and all Fire Codes, the plans and/or specifications shall be signed and marked approved. Fire Service Provider/Fire Department acceptance of fire and life safety features in buildings after performance objectives are met is required, prior to certificate of occupancy being issued.

Nothing in this section shall be construed to provide an exemption from fire plan review for one and two family detached residential dwelling units which undergo a change in use or occupancy classification.

F-103.4.3 Certification of a Fire Plans Examiner. The Fire Plans Examiner shall be certified by BORA as a Fire Plans Examiner, shall be a certified Firefighter as defined by 69A-37 as referred to collectively (parts 1 and 2) as the "Minimum Standards Course", be a State certified Fire Inspector, and shall meet one or more of the following qualifications:

F-103.4.3.1 An Engineer and/or a Degree in Fire Science, and/or a Degree in Fire Prevention and having a minimum of three (3) years as a fire plans examiner with a County or City within the state of Florida and shall be Broward County Certified.

F-103.4.3.2 Five (5) years of experience as a Fire Inspector employed with a County or City in the State of Florida and shall be a Broward County certified.

F-103.4.3.3 Ten (10) years of experience as a firefighter, four (4) years as a state certified fire inspectors employed with a County or City having fulfilled the duties of a fire inspector and shall be a Broward County certified.

F-103.4.3.4 Have been fulfilling the duties of a Fire Plans Examiner with five (5) years continuous service within the State of Florida and be Broward County certified.

F-103.4.3.5 Three (3) years' experience as a Broward County and State of Florida Certified Fire Inspector and nationally certified as an NFPA Certified Fire Inspector (CFI-1) and NFPA Certified Fire Plans Examiner (CFPE) and be Broward County certified.

F-103.5 Fire Inspector. As set forth herein:

F-103.5.1 Appointment of a Fire Inspector. There shall be appointed by the Fire Chief of each Fire Service Provider/Fire Department certain fire prevention personnel to be qualified as

Commented [PB9]: Proposed by Board Legal

Commented [PB10]: Suggested by Jeff

Tommy - Not opposed either way. This wording is in the "fire" amendments so it would be assumed but you know what happens when you assume.

The Board lawyer asked for this to be inserted

*Amendment Effective: 02/25/20
Amendment Effective: 10/11/20*

Commented [PB8]: FM Group supports the changes to F-103.4.2

set forth in this Chapter as part of the FFPC to serve as a Fire Inspector. To be eligible for appointment as a Fire Inspector, such person shall be certified by BORA.

F-103.5.2 Powers and Duties of the Fire Inspector. Such employee shall have the duties and powers as delegated by the Fire Chief except that the Fire Chief may not delegate authority to subordinates to interpret the Fire Protection provisions of this Code, the FFPC, and all Fire Codes which authority is assigned to the Fire Marshal/Fire Code Official. A Fire Inspector, if properly qualified, may be certified and assigned duties in more than one category. Under the Fire Chief's direction, the Fire Inspector shall enforce all local ordinances of the jurisdiction pertinent to the prevention of fires, suppression or extinguishing of fires, storage, use and handling of explosive, flammable, combustible, toxic, corrosive and other hazardous gaseous, solid and liquid materials. The inspection of equipment and maintenance of automatic, manual, other fire alarm systems, fire extinguishing equipment, and the maintenance and regulation of fire escapes. The maintenance of fire protection and the elimination of fire hazards on land and in buildings, structures and other property, including those under construction. The means and adequacy of each exit in the event of fire or similar emergency, from factories, schools, hotels, lodging houses, asylums, hospitals, churches, halls, theaters, amphitheatres and all other places in which people work, live or congregate from time to time for any purpose. The investigation of the origin, cause, and circumstances of fire(s). If defects, omissions or violations exist on any other part of the system relating to work for which approval is requested, the issuance of the Approval shall be withheld until corrections have been made to the defective portion of the system, and the same are made to comply with this Fire Code. The Fire Inspector shall serve notice to the Fire Contractor/representative or owner/representative in writing, stating the reasons therefore and citing the relevant code section(s).

F-103.5.3 Certification of a Fire Inspector. Application for certification shall be on a form containing such pertinent information as is considered relevant to BORA. To be eligible for appointment as Fire Inspector, such person shall be certified by BORA and shall meet the following qualifications:

F-103.5.3.1 Be a certified Firefighter as defined by 69A-37 as referred to collectively (parts 1 and 2) as the "Minimum Standards Course" and shall be a state certified Fire Inspector.

Exception: At Fire Chief's discretion, a person may be given up to eighteen (18) months to become a Florida Certified Firefighter, from the date of hire.

F-103.5.3.2 Pass a written competency examination approved by BORA, to be given in May and November (only one (1) required) of each year, or the test may be given when requested by at least three (3) applicants.

F-103.5.3.3 Retention;

Individuals currently certified under this code may, at their separation date from a local fire department as an inspector place their certification in a non-active status for one FFPC code cycle or a period of four (4) years whichever is longer,

by notifying the Board of Rules and Appeals in writing of their selection. During this period the individual shall maintain continuing educational credits in Fire Prevention in the amount of 60 hours as required for renewal. At the conclusion of the code cycle or four (4) year period, as stated above the individual previously holding a certification in a non-active status will become null and void unless the provisions for recertification are met at the conclusion of the code cycle or four (4) year period.

F-103.6 Certification. All Fire Service Provider/Fire Department Inspection Personnel shall be certified by BORA.

F-103.6.1 Certification Fee: If applicable, each application shall be accompanied by a check in the amount appropriate for each discipline according to the BORA Fee Schedule for Certification, payable to "Broward County Commissioners."

F-103.6.2 Broward County Certification is valid for a period of four years and shall expire on the same date as their State of Florida Fire Inspector Certification.

F-103.6.3 The certification of Fire Service Provider/Fire Department Inspection Personnel may be revoked, for cause, by BORA. BORA may deny, refuse to renew, suspend, or revoke the BORA certificate of a Fire Marshal/Fire Code Official, Fire Plans Examiner, or Fire Inspector if it finds that any of the following grounds exist:

A) Any cause for which issuance of a certificate could have been refused had it then existed and been known to BORA.

B) Violation of Florida Statutes 633 or any local fire code amendments.

C) Falsification of records relating to the certificate.

D) Having been found guilty of or having pleaded guilty or nolo contendere to a felony, whether or not a judgment of conviction has been entered.

E) Failure to meet any of the renewal requirements.

F) Having been convicted of a crime in any jurisdiction which directly relates to the practice of the fire code inspection, plan review, or administration.

G) Making or filing a report or record that the certificate holder knows to be false, or knowingly inducing another to file a false report or record, or knowingly failing to file a report or record required by the state or local law, or knowingly impeding or obstructing such filings, or knowingly inducing another person to impede or obstruct such filing.

H) Failure to properly enforce applicable fire codes or permit requirements within this state which the certificate holder knows are applicable by committing willful misconduct, gross negligence, gross misconduct, repeated negligence, or negligence resulting in a significant danger to life or property.

I) Accepting labor, service, or materials at no charge or at a noncompetitive rate from any person who performs work that is under the enforcement authority of the certificate holder and who is not an immediate family member of the certificate

holder. For the purpose of this paragraph, the term "immediate family member" means a spouse, child, parent, sibling, grandparent, aunt, uncle, or first cousin of the person or the person's spouse or any person who resides in the primary residence of the certificate holder. BORA upon verification of the above grounds, shall immediately notify the Fire Marshal, Fire Code Official, Fire Plans Examiner, and/ or Fire Inspector involved, who, upon notification from BORA, shall appear before the Board to explain why his/her their certification should not be revoked.

F-103.6.4 Personnel assigned to the bureau as Fire Inspectors shall be State of Florida Certified Firefighters *(see 18 month exception)*, State of Florida Certified Fire Inspectors. For certification refer to Florida State Statute 633. Individuals being considered for appointment will be required to complete an affidavit of compliance with 71-575 (see Board policy 14-02)

F-103.7 Recertification. All Fire Service Provider/Fire Department Inspection Personnel shall be recertified by BORA.

F-103.7.1 To be recertified all Fire Marshal/Fire Code Officials, Fire Plans Examiners, Fire Inspectors or a combination thereof who are presently certified by BORA, shall meet the following criteria:

F-103.7.1.1 Be presently employed by a governmental fire entity within Broward County.

F-103.7.1.2 Recertification shall have the same anniversary date as provided in Florida Statutes, Chapter 633, with the completion of sixty (60) contact hours in continuing education every four (4) consecutive years on Fire Protection and Fire Safety, which are approved by BORA.

F-103.7.1.3 Personnel assigned to the bureau as Fire Inspectors shall be State of Florida Certified Firefighters, and State of Florida Certified Fire Inspectors. For certification or recertification refer to Florida State Statute 633.

F-103.7.2 If certification is not renewed and allowed to lapse, application for recertification shall be accompanied with proof that (15) contact hours per year, in the preceding 4 years in continuing education has been met. Attendance at the BORA meetings and/or the BORA committee meetings shall be counted as one (1) hour for a maximum of fifteen (15) county required contact hours within a four (4) year renewal period.

If the certification is not renewed within 8 years, the individual must retake the state fire safety inspectors training and take the local fire exam and shall be on a form containing such pertinent information as is considered relevant to BORA. Individuals being considered for recertification will be required to complete an affidavit of compliance with 71-575 (see Board policy 14-02)

F-103.7.3 Recertification Fee: If applicable, each application shall be accompanied by a check in the amount appropriate for each discipline according to the BORA Fee Schedule for Recertification, payable to "Broward County Commissioners."

SECTION F-104 Broward County Board of Rules and Appeals

F-104 Broward County Board of Rules and Appeals.

F-104.1 The Broward County Board of Rules and Appeals shall maintain a staff position to coordinate the enforcement of the Fire Protection Provisions of this Code, the FFPC, and all Fire Codes thereto. This person shall be known as the Chief Fire Prevention Code Compliance Officer and shall be certified as Fire Marshal/Fire Code Official. It is recommended that the individual under consideration for Fire Code Compliance Officer have at a minimum four years documented as a Fire Code Official / Fire Marshal as certified by the Board of Rules and Appeals.

F104.2 The Fire Code Compliance Officer shall have the authority to make inspections in the discipline and shall be responsible to see that the Fire Protection Provisions of this Code, the FFPC, and all Fire Codes are being uniformly enforced by all AHJs (building and Fire_Service Provider/Fire Department in Broward County.

SECTION F-105 Broward County Fire Code Committee

F-105 Broward County Fire Code Committee:

F-105.1 In order to determine the suitability of alternate materials and type of construction, to provide for reasonable interpretations of the Fire Protection Provisions of this Code, the FFPC, and all Fire Codes, and to assist in the control of the life/safety in buildings and structures, there is hereby created a Broward County Fire Code Committee, to make recommendations to BORA.

F-105.2 Membership: The BCFCC shall consist of:

1. One Mechanical Engineer, Florida P.E.
2. One Architect, Florida Registered
3. One Fire Sprinkler Contractor
4. One Representative of Persons with disabilities
5. One Master Electrician
6. Four Fire Service (Florida Certified Fire Inspectors)
7. One Fire Service Member of the Board of Rules and Appeals
8. One Contractor, Certified to Install Fire Alarms
9. One General Contractor

Commented [PB11]: Suggested by Chief Lucas FM Group need to review in August

FM Grope supports modification 8-20-20

Commented [PB12]: Remove as certified by the Board of Rules and Appeals as being confusing per legal review

- 10. One Florida P.E., Electrical Discipline
- 11. One Mechanical Contractor
- 12. One Consumer Advocate
- 13 One Florida P.E., Structural Discipline,
- 14 One Chief Plumbing Inspector

F-105.3 Membership, such as membership of the BCFCC, will be for one year (with members being able to succeed themselves through reappointment by BORA Chairperson). The Chairperson of BORA will select all members, including the Chairperson of the BCFCC. The Chairperson of the BCFCC shall be a Fire Service member of BORA.

F-105.4 Appeals from the Decisions of the Fire Chief and/or Building Official:

F-105.4.1 The BCFCC shall review all appeals from the decisions of the Fire Chief and/or Building Official wherein such decision is on matters regulated by the Fire Protection Provisions of this Code, the FFPC, and all Fire Codes. Appeals can be submitted by any person who has reason to believe they have been subjected to unreasonable enforcement of the Fire Protection Provisions of this Code, the FFPC, and all Fire Codes.

F-105.4.2 Procedures for Appeals: The BCFCC shall review the appeal prior to hearing by BORA and shall make recommendations to BORA for resolution of the appeal. BORA shall then hear the appeal and make a final ruling.

F-105.4.3 Decisions by the BOARD related to an appeal of the FFPC can be challenged by submitting a request for a Declaratory Statement to the State Fire Marshal’s Office.

F-105.5 Procedures in County Court /Code Enforcement Board:

When charges are filed based upon a violation under this code, such charges, prepared under the direction of the city, state, or county attorney and shall be heard by a county judge or Code Enforcement Board, within the time prescribed under county court procedures or Code Enforcement Board. Such conditions shall constitute an immediate danger to life.

**SECTION F-106
Authority Fire Chief, Fire Marshal/Fire Code Official, or his/her duly authorized representative**

F-106 Authority:

F-106.1 The Fire Chief, Fire Marshal/Fire Code Official, or his/her their duly authorized representative shall investigate the origin, cause, and circumstances of every fire occurring within their AHJ. Such investigation shall begin immediately

upon the occurrence of a fire, and the Fire Chief, Fire Marshal/Fire Code Official, or his/her duly authorized representative shall be immediately notified of the facts. The Fire Chief, Fire Marshal/Fire Code Official, or his/her their duly authorized representative shall take charge immediately of the physical evidence and shall notify the proper authorities designated by law to pursue the investigation of such matters. The Fire Chief, Fire Marshal/Fire Code Official, or his/her their duly authorized representative shall further cooperate with the authorities in the collection of evidence and in the prosecution of the case.

F-106.2 Notices and Orders. The Fire Chief, Fire Marshal/Fire Code Official or Fire Code Manager/Administrator, or his/her their duly authorized representative shall issue all necessary notices or orders to ensure compliance with the Fire Protection Provisions of this Code, the FFPC, and all Fire Codes.

F-106.2.1 A building, structure, occupancy, premises, or vehicle shall not be used when in violation of the Fire Protection Provisions of this Code, the FFPC, and all Fire Codes.

F-106.2.2 Unlawful Continuance of Fire/Life Safety Hazard: Any person or persons operating or maintaining any occupancy, premises or vehicle subject to this Code who shall permit any fire and/or life safety hazard to exist on premises or property under their control, and who shall fail to take immediate action to abate such hazards, when ordered or notified to do so by the Fire Chief, Fire Marshal/Fire Code Official, or his/her their duly authorized representative, shall be guilty of a second degree misdemeanor. Criminal enforcement of the Fire Protection Provisions of this Code, the FFPC, and all Fire Codes shall remain with local law enforcement departments and officials charged with enforcement of the criminal laws of the State.

F-106.2.3 Concealed Work: The Building Official or his/her duly authorized representative and/or Fire Marshal/Fire Code Official or his/her their duly authorized representative may order portions of the structure frame of a building and/or structure to be exposed for inspection when, in his/her opinion, there is a good reason to believe that a building or portion thereof is in an unsafe or dangerous condition or that there is willful or negligent concealment of a violation of this Code, the Fire Protection Provisions of this Code, the FFPC, and all Fire Codes.

F-106.3 Removal or Destruction of Signs or Tags:

F-106.3.1 It shall be unlawful to remove or tamper with any seal, warning tag, or lock placed on an article, appliance, vehicle, meter, tank, or building by the building department or the Fire Service Provider/Fire Department, without first obtaining permission to do so by the AHJ

F-106.3.2 It shall be unlawful for any person to tamper with or change the position of any utility valve, switch, wiring, piping,

meter, or connection, or alter any utility service in any way, unless properly authorized to do so.

**SECTION F-107
Standby Fire Watch**

F-107 Standby Fire Watch:

F-107.1 Whenever in the opinion of the Fire Chief, Fire Marshal/Fire Code Official, or his/her their duly authorized representative, it is essential for public safety in any place of public assembly when a potentially hazardous condition or a reduction in life safety features exist any other place where people congregate, due to the number of persons, or the nature of the performance, exhibition, display, contest or activity, the Fire Chief or his/her their duly authorized representative may require the owner, agent or lessee to employ one or more certified Fire Inspectors or Firefighters, as required and approved by the Fire Chief, to be on duty at such place. Said Fire Inspectors/Firefighters shall be subject to the Fire Chief's and/or his their duly authorized representative orders at all times, when so employed, and remain on duty during the times such places are open to the public, or when such activity is being conducted. The Fire Chief may allow the use of other trained individuals to serve as an alternative to a Fire inspector / Fire Fighters requirement. Before each performance or the start of such activity, said Fire Inspector/Firefighter or others allowed by the Fire Chief shall inspect all required fire/life safety equipment, to insure that such equipment is in proper working order, and shall keep diligent watch for any emergency that should arise. Should any emergency arise, the Fire Inspector/Firefighter or others allowed by the Fire Chief shall take whatever action necessary to protect the occupants and public from injury or any life-threatening condition.

SECTION F-108

Tents, Air-Supported Membrane Structures, Temporary Structures and Uses

F-108 Tents and Air-Supported Structures Membrane Structures

F-108.1 ~~Places Of Assembly:~~ For the purpose of this Section, a place of assembly shall include any circus, sideshow, carnival, tent show, theater, skating rink, dance hall or any other exhibition, production, engagement or offering, or other place of assembly in or under which 50 or more persons may gather for any purpose.

F-108.1.1 General. The Building Official or Fire Code Official is authorized to issue a permit for the erection of temporary structures such as seats, canopies, tents and fences used in construction work or for temporary purposes such as reviewing stands. Such permits shall be limited as to time of

service, but shall not be permitted for more than 180 days. Such structures shall be completely removed upon the expiration of permit.

- a) Temporary structures, such as tents with sides, exceeding 100 sq./ft., and canopies without sides exceeding 225 sq./ft., containing occupancy or operations that could present a life safety hazard to occupants and/or the general public based on the opinion of the Fire Code Official, shall be required to have a permit issued in conformance with permitting section of Chapter 1 and this code and be in conformance with the Life Safety provisions of this code and the Florida Building Code.

F-108.1.2 ~~Reserved Spray Application Membrane Enclosures~~

~~Temporary Paint spraying processes of marine vessels within membrane enclosures shall use NFPA 33, 2016, Chapter 18 as a reference.~~

F-108.1.3 Conformance.

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

F-108.2 Parking of Vehicles: Automotive equipment that is not necessary to the operation of the tent show performance shall not be parked within 20 feet of the tent or ~~air-supported membrane~~ structure. No other automotive equipment or internal combustion engines shall be located within 50 feet of the tent except upon a public street.

F-108.3 Smoking and Open Flame:

~~F-108.3.1 Approved "NO - SMOKING" signs shall be conspicuously posted.~~

F-108.3.2 An approved receptacle for the disposal of lighted smoking materials shall be provided at all entrances to tents and ~~air-supported membrane~~ structures.

F-108.4 Fire Extinguishers and other Fire-Protection Equipment: Fire extinguishers and other fire protection equipment shall be provided in every tent or ~~air-supported membrane~~ structure as follows:

F-108.4.1 A minimum of one 4A-10B:C type extinguisher shall be provided in every tent or air supported structure having a floor area less than 2,000 square feet and also one in each additional 2,000 square feet or fraction thereof.

F-108.4.2 At least one 40-B:C type fire extinguisher shall be provided for each power generator or transformer and at

Commented [PB13]: FM Group agreed to changes

Commented [PB17]: Jeff believes this is in NFPA 1 and should be deleted
Tommy: Agrees

Commented [PB14]: Jeff suggested MAY be inserted and Tommy agreed

Commented [PB18]: FM Group - remove this section

Commented [PB15]: FM Group - delete air-support and insert Membrane Structures

Commented [PB16]: FM Group - remove places of assembly

locations where flammable or combustible liquids are used, stored or dispensed.

F-108.5 Storage of Flammable or Combustible Liquids:

Flammable or combustible liquid shall not be stored in a tent or ~~air-supported membrane~~ structure nor less than 50 feet from any tent or ~~air-supported membrane~~ structure used for public assembly.

F-108.6 Housekeeping: Hay, straw, trash and other flammable material shall not be stored less than 35 feet from any tent or ~~air-supported membrane~~ structure, except as authorized by the authority having jurisdiction.

F-108.7 Seating Arrangements:

F-108.7.1 Bonding of chairs. All loose seats, folding chairs or similar seating facilities that are not fixed to the floor shall be bonded together in groups of not less than six. Exceptions:

(1) When not more than 500 such seats, chairs or facilities are provided, bonding thereof may be deleted.

(2) The bonding of chairs shall not be required when tables are provided, as when the occupancy is used for dining or similar purposes.

F-108.7.2 Securing of chairs, folding and telescoping seat seating, reviewing stands, grandstands, and bleachers shall be in accordance with NFPA 102.

F-108.8 Awnings, Tents and Canopies:

F-108.8.1 Awnings, tents, canopies, and similar products whether attached or detached from a building shall have a flame spread rating of 25 or less.

F-108.9 Vehicular Access:

F-108.9.1 Fire access roads shall be surfaced with solid pavement, grass turf reinforced by concrete grids, or by similar type surfaces approved by the authority having jurisdiction, designed to accommodate fire apparatus weighing a minimum of 32 tons.

F-108.9.2 Buildings having ramps and/or elevated roadways shall have posted weight limit signs showing maximum load capacity.

F-108.10 Vehicles on Display:

F-108.10.1 When vehicles are on display ~~or stored~~ inside any occupancy group other than an automobile show room, mall or place of assembly, the fuel tanks shall be removed or made inert if required by the AHJ. ~~it shall comply with the provisions listed in NFPA 1, 20.1.5.5.4.12~~

F-108.10.2 These requirements shall not apply to automotive showrooms.

SECTION F-109 RESERVED

SECTION F-110

High Piled Combustible Storage:

~~F-110~~ This Section, at the discretion of the AHJ, shall apply to the storage of high piled combustible storage.

F-110.1 Classification of Contents:

~~Commodity classification shall be as defined and in accordance with NFPA 13.~~

F-110.2 Roof Vents, Venting Ratios and Draft Stops:

F-110.2.1 Roof vents and draft stops shall be installed when the area used for high piled combustible storage exceeds 2,500 square feet, inclusive of aisles.

F-110.3 Automatic Fire Sprinkler Systems:

~~F-110.3~~ Roof vents and draft stops are not required when the area is protected by an approved automatic fire sprinkler system.

F-110.3.1 The design and installation of roof vents and draft stops shall be as specified in the FFPC, this Code except as herein provided.

F-110.3.2 Vents shall be installed in the roof, except that perimeter venting in the exterior walls by the use of automatic opening windows will be permitted to vent roof areas within 75 feet of an exterior wall. The top of such windows shall be located within one (1) foot of the roof or ceiling level and the windows shall be not less than 30 inches nor more than 60 inches in depth. Roof areas more than 75 feet from an exterior wall shall be provided with roof vents. Venting shall be provided in accordance with the following table.

Hazard	Vent Area to	Maximum	Spacing
--------	--------------	---------	---------

Commented [PB19]: FM Group – remove air support and replace w/ membrane and delete use for public assembly

Commented [PB21]: Delete: NFPA 13, Chapter 20 address this code section. FM Group believes that this code section is perceived to be more like Engineering Design and should not be in code.

Commented [PB20]: NFPA 1, 2018 20.1.5.5.4.12
Bruce to provide verbiage agreed to by committee on 8-27-20
Ok Jeff, Tommy and myself

Classification	Floor Area	Between Vent Centers
Classes I, II, III	1:100	120 Feet
Class IV	1:50	100 Feet
Special Hazard Commodities	1:30	75 Feet

~~F-110.3.3~~ The minimum dimension of any roof vent shall be not less than four (4) feet.

~~F-110.3.4~~ Vents shall consist of automatic roof vents or automatic opening windows equipped with a fusible link designed to release at a higher temperature than the automatic sprinkler but not less than 165 degrees F.

~~F-110.3.5~~ Draft stops shall be provided to aid the operation of roof vents.

~~F-110.3.6~~ Draft stops shall be at least six (6) feet in height and shall be of approved materials. For Classes I, II, and III commodities, draft stops shall divide the under roof area into sections not to exceed 10,000 square feet. For Class IV and Special Hazard Commodities, draft stops shall divide the under roof area into sections not to exceed 6000 square feet.

~~F-110.3.7~~ Aisles of not less than 44 inches in width shall be established to provide access to exits and Fire Service Provider/Fire Department access doors.

~~F-110.3.8~~ Access door to building shall be provided. There shall be at least one access door not less than three (3) feet in width and not less than 6 feet 8 inches in height in 100 lineal feet or major fraction thereof of the exterior wall which faces the access roadways required by this Code. Metal roll-up doors are not acceptable for such purposes unless approved by the Fire Marshal/Fire Code Official, or his/her duly authorized representative.

**SECTION F-111
Test Criteria for Mechanical Smoke Control Systems**

F-111 Initial Acceptance Test Criteria and Periodic Testing of Mechanical Smoke Control Systems:

Test Criteria for Mechanical Smoke Control Systems shall be stated on the mechanical plans.

F-111.1 The following shall receive notice from the Mechanical Contractor so that they may witness the system's performance test:

F-111.1.1 Fire Service AHJ.

F-111.1.2 Building Department (Mechanical) AHJ. .

F-111.1.3 Periodic Testing:

All smoke control systems shall be retested as per the provisions found in the FFPC by a firm (test and balance) possessing a certificate of competency as a test and balance contractor for smoke control systems as required in Broward County Ordinances, Chapter 9 and Broward Local Administrative Provisions Chapter 1 of the FBC and shall be approved by the local AHJ. The smoke control system shall be retested without smoke, in both the manual and automatic modes per the sequence of operation. The annual periodic testing and balancing results shall be provided in a certified test and balance report to the Fire Service Provider/Fire Department AHJ, who shall consult with the Chief Mechanical Inspector

At a minimum the annual periodic test report shall contain the following information;

- 1) All smoke control system air movement equipment and if operating as intended.
- 2) Retest voltage.
- 3) Retest amperage.
- 4) Retest RPM if applicable.
- 5) All smoke control system control dampers shall be identified and if operating as intended.
- 6) All smoke zone differential pressures at egress exit doors (egress doors shall have no more than 30 lbf on break and 15 lbf on swing).

**SECTION F-112
Automatic Sprinklers Required**

F-112 Automatic Sprinklers Required:

~~F-112.1~~ Fire flow testing of a water supply for an Automatic Fire Protection Systems (AFPS) and/or Standpipe System using water as an extinguishing agent for new and existing buildings and structures shall be in accordance with NFPA 291, Recommended Practice for Fire Flow Testing and Marking of Hydrants, Florida Administrative Code (FAC) 69A-60.

~~Fire flow testing of the Water Supply for Automatic Fire Protection Systems (AFPS) and Automatic Standpipe Systems (ASS) using water as an extinguishing agent for new buildings and structures and existing buildings and structures where the AFPS and ASS are altered by more than seventy-five (75) percent of their value shall be as follows:~~

Commented [PB22]: Tommy to provide new section
Commented [PB23]: New verbiage proposed by FM Group to capture existing and what is now found in NFPA Code

a) Fire flow test of the water supply for AFPS and ASS shall be in accordance with NFPA 291, Recommended Practice for Fire Flow Testing and Marking of Hydrants, Florida Administrative Code (FAC) 69A-60.

~~b) The engineer of record (EOR) shall be responsible to review the fire flow results, potential drought impact and future demands to the water distribution system. Where the EOR determines that the water distribution system will be significantly impacted during drought conditions or as a result of anticipated future growth, the EOR shall provide a safety margin in the design of the AFPS/ASS. The EOR shall utilize NFPA 13 annex as a guide in reviewing water distribution systems.~~

~~c) Design of the water flow for the AFPS and/or ASS shall be the same as that obtained from the fire flow test.~~

~~d) The residual pressure at the required water flow at the connection to the water main for an AFPS and/or ASS shall not be less than 20 PSI.~~

~~e) The static pressure at the water main shall be determined by a recorded method for a minimum twenty four (24) hour period.~~

~~f) Fire flow test data shall not be more than one (1) year prior to the plans, hydraulic calculations and submittals for the AFPS and/or ASS being submitted to AHJs for their review and acceptance. The results of the fire flow test shall be provided to the AHJ at the time of the submittal of the plans, hydraulic calculations and submittals for the water based AFPS and/or ASS.~~

F-112.2 The following occupancies shall be protected throughout by an approved automatic sprinkler system installed in accordance with NFPA 13.

F-112.2.1 Storage.

In existing storage occupancies (other than parking garages and high-piled combustible storage) used for the storage of combustible goods or merchandise and exceeding 20,000 square feet per floor.

F-112.2.4 Industrial Occupancies:

All existing industrial occupancies exceeding 15,000 square feet per floor.

F-112.3 Reserved

F-112.4 Where automatic fire sprinkler systems are installed, the location of the Fire Service Provider/Fire Department connection shall be approved by the Fire Service Provider/Fire Department having jurisdiction.

F-112.5 Limited Access Structures —Manual—Wet Standpipe.

F-112.5.1 Where automatic fire sprinklers are installed in new Mini Storage Buildings, fire department emergency access openings acceptable to the AHJ shall also be provided. The emergency access openings shall not be less than the dimensions referenced in the Life Safety Code for Underground and Limited Access Structures.

~~Required standpipes shall be manual wet. The water connection to the manual wet standpipe shall be from a domestic water system through a minimum 1 inch water connection with an approved manufactured check valve backflow prevention device.~~

Start Next Meeting here

SECTION F-113 Corridors

F-113 Corridors.

Where exterior corridors or exterior balconies serving as a required means of egress are enclosed on both sides and above, and the length of the enclosure along the long axis is twenty-five (25) feet or more, fire-resistivity of walls and the protection of openings therein shall be required as if such corridors or balconies were enclosed interior corridors.

SECTION F-114 Emergency Response Elevators —Portable Fire Extinguishers

~~**F-114 — Portable Fire Extinguishers.** Portable fire extinguishers shall be installed and maintained at each floor level in multi-family occupancies in accordance with NFPA 10.~~

F-115 RESERVED

SECTION F-116 Flammable and Combustible Liquids

F-116 Flammable and Combustible Liquids.

F-116.1 Underground Storage and Dispensing of Flammable/Combustible Liquids:

Underground tanks used to store flammable liquids shall bear an Underwriters' label or equivalent testing agency. Tank capacity for underground installations shall be limited to thirty thousand (30,000) gallons or less. Any tank to be installed

Commented [PB25]: Delete - Is now found in Fire Code and Building Code 905

Commented [PB26]: Proposed by Sandra Llues to clarify NFPA 1, and NFPA 101, 11.7

Commented [PB24]: Delete FM Prevention agreement They are covered in NFPA Standards

Commented [PB27]: Delete per FM Group as it can be found in existing code

Commented [PB28]: Bob to provide verbiage related to elevator size (New 3 stories and move)

shall be jointly approved in writing by the Fire Chief, Building Official, the director of zoning, and/or their duly authorized representative, after an appropriate review has been conducted. Such review includes, but is not limited to, an analysis of the proposed installation, location, distance separations, types of occupancies in the vicinity, tank corrosion protection and construction, and applicable zoning restrictions. The maximum storage capacity in any one location shall not exceed an aggregate total of one hundred thousand (100,000) gallons unless approved by the local Fire Code Official. Any property or facility requesting installation of tanks exceeding an aggregate capacity of sixty thousand (60,000) gallons of flammable liquids shall comply with the following additional requirements:

- 1) The property must be of suitable size, shape and topography to allow for the safe installation of the proposed tanks and be in compliance with location requirements identified in other sections of the NFPA, state and local fire codes; and
- 2) The facility must have an attendant on site during hours of operation; and
- 3) The facility must be continuously monitored, either by an on-site attendant or a third party when the facility is not in operation; and
- 4) The operator must provide evidence of an employee training program for on-site attendants that educates concerning all on-site equipment, including life safety equipment and emergency response procedures; and
- 5) The facility must provide additional emergency shut-off stations for ready accessibility by on-site attendants and the public; and
- 6) Station operator shall submit an emergency response plan for review and approval prior to issuance of permits for operations of the facility. The emergency response plan shall, at a minimum, provide emergency contact information and notification requirements, fire prevention and control equipment employed at the site, monitoring requirements and plans and procedures for mitigating release of hazardous materials, as well as all other information required by applicable governing and permitting agencies.

When flammable liquids are stored in more than one location, tanks shall not be interconnected between locations.

Exception: Broward County Office of Transportation's Transit Operations and municipal, county and special districts having underground bulk fuel storage facilities shall comply with the provisions of NFPA 30. Aggregate Limitations of Flammable and Combustible Liquids as per the F- 116.1 shall

not apply. Permit shall be reviewed for compliance by the local Fire Service Provider/Fire Department having Jurisdiction.

F-116.1.1 Underground tanks out of service for a period of one year shall be removed. Underground tanks may be abandoned in place only if approved by the Fire Service Provider/Fire Department having jurisdiction.

F-116.2 Storage and Use on Site of Combustible Liquids Used for Fixed Equipment Shall Be Under the Following Requirements:

F-116.2.1 Aboveground installation of single-wall tanks shall comply with NFPA 30 and the following additional requirements:

F-116.2.1.1 Above ground tanks having a capacity in gallons greater than 10,000 shall be approved by zoning and local AHJ.

Exception: Municipal, County and Special Districts installing aboveground fuel storage tanks for fixed equipment for providing governmental services. Permit shall be reviewed for compliance by the local Fire Service Provider/Fire Department AHJ .

F-116.2.1.2 Tanks shall be surrounded with an embankment or impervious dike not less than four feet high and capable of holding not less than one and one half times the capacity of the tank surrounded. Embankments or dikes shall be continuous, with no opening for piping or roadways.

F-116.2.2 All aboveground storage tanks shall be identified by a suitable sign which will state type of fuel and capacity of the tank.

F-116.2.3 Tanks used for stationary combustion engines and gas turbines shall comply with NFPA 37, as adopted in FAC 69A-60, Standard for the

Installation and Use of Stationary Combustion Engines and Gas Turbines.

F-116.2.4 Distance separation between aboveground storage tanks and property lines and buildings shall be as specified in Table F-116.2.4 below:

Table F-116.2.4

Capacity in Gallons	To line of adjoining unprotected building or property which may be built upon	To line of adjoining protected buildings	To line of existing frame buildings
1,000	12 feet	8 feet	20 feet

2,000	20 feet	15 feet	40 feet
3,000	20 feet	15 feet	40 feet
10,000	30 feet	20 feet	50 feet

F-116.3 Aboveground Storage for Dispensing of Flammable and Combustible Liquids from UL listed 142 (double wall), 2085 or Equivalent Tanks:

F-116.3.1 Aboveground storage of flammable and combustible liquids shall be approved by the Fire Chief, Building Official, and/or their duly authorized representative after an appropriate review has been conducted. Such review includes, but is not limited to, an analysis of the proposed installation, location, distance separations, types of occupancies in the vicinity, tank corrosion protection and construction, and applicable zoning restrictions. The maximum storage capacity in any one location shall not exceed an aggregate total of 12,000 gallons. Aboveground storage of flammable and combustible liquids shall comply with the following regulations:

Exception: Municipal, county and special districts having aboveground fuel storage facilities shall comply with the provisions of NFPA 30. Aggregate Limitations of Flammable and Combustible Liquids as per F116.3.1 shall not apply. Permit shall be reviewed for compliance by the local Fire Service Provider/Fire Department AHJ.

F-116.3.1.1 The provisions in this Section shall not supersede any zoning standard that might regulate or eliminate the use of aboveground storage tanks.

F-116.3.1.2 Aboveground Tanks containing flammable and combustible liquids shall be in approved fire resistive tank enclosure assemblies.

F-116.3.1.2.1 A fire resistive tank enclosure assembly storing flammable liquids shall consist of a tank bearing an Underwriters' label 142, 2085 or an equivalent testing criteria by an approved testing agency. A single tank or combination of tanks shall not exceed 12,000 gallons at one site.

F-116.3.1.3 The tank assembly shall be installed upon a minimum four-inch (4") slab, meeting requirements of the manufacturer's specifications. Each tank assembly shall be anchored to withstand uplifting by flooding or storm surges, including when the tank is empty.

F-116.3.1.4 Area around tank assembly shall be maintained free of combustible waste, debris and all types of storage. Any tank assembly exposed to vehicular traffic shall have collision barrier posts installed on all corners and sides so exposed and shall not be spaced more than four feet (4') apart, center to center. Fire Marshal/Fire Code Official, or his/her

their duly authorized representative, may require the installation of collision barrier posts, even if the clearance guidelines can be achieved.

F-116.3.1.5 Dispensing devices are allowed to be installed on top of the tank enclosure assembly. Any such device dispensing Class 1 liquids shall have installed on the fill hose, a UL listed emergency breakaway device designed not to lose liquid from either side of the breakaway point. All product piping attached to the tank enclosure assembly shall be double walled, contain a shear valve or equivalent, and shall be installed by an authorized pollutant storage system specialty contractor. External piping leading away from the tank shall have a valve located within six inches (6") to the shell of the tank. Approved antisiphon devices shall be installed at each connection of piping to a tank when such piping extends below the level of the top of such tanks both internally and externally. All underground pipe work shall be uncovered until inspected by building and Fire Service Provider/Fire Departments, and other regulatory agencies.

Exception: Factory installed piping does not have to be installed by an authorized pollutant storage system specialty contractor.

F-116.3.1.6 Aboveground tank assemblies temporarily out-of-service for a period not exceeding ninety (90) days shall immediately have the fill, gauge openings and pump suction capped and secured against tampering. The vent lines shall be left open. Aboveground tank assemblies out-of-service for a period exceeding ninety (90) days, shall be removed. The property owner or agent shall notify the Fire Service Provider/Fire Department of any tanks out-of-service greater than 90 days.

F-116.4 Only Labeled and Listed Pumps Shall Be Used; Gravity Flow Pumps Are Prohibited. Fuel shall be drawn from aboveground storage tanks by pumps bearing the label of an Approved Testing Laboratory, such as Underwriters Laboratories, Inc. The use of pressure systems or gravity flow type pump systems is prohibited.

**SECTION F-117
Dispensing Areas**

F-117.1 Dispensing areas shall be provided with a vehicular driveway constructed of reinforced concrete. It shall be sloped to allow any accidental discharge from the dispensing of fluid to flow away from the dispenser or any building, and shall be subject to the approval of the Fire Marshal/Fire Code Official, or his/her their duly authorized representative. This driveway shall be a minimum of twelve feet (12') wide and twenty feet (20') long, minimum. In every case, this driveway shall be

large enough that the fuel hose, when fully extended, does not reach the far edge of the driveway.

F-117.2 A fire extinguisher with a minimum classification 4A-60BC shall be provided and so located that it will be not more than one hundred feet (100') from any pump, dispenser, or fill-pipe opening.

SECTION F-118 Flammable Liquid Storage at Port Everglades and the Fort Lauderdale-Hollywood International Airport

F-118.1 Aboveground storage of flammable liquids shall be permitted at Port Everglades and the Fort Lauderdale-Hollywood International Airport ("Airport"). All tank locations at the Airport shall be approved by the Broward County Fire Marshal/Fire Code Official, or ~~his/her~~ **their** duly authorized representative, prior to the issuance of a permit to erect or install a tank.

F-118.2 All flammable liquid storage tanks at Port Everglades shall be constructed, installed and maintained in accordance with the Port Everglades Tariff Number 12 amendments thereto and reissues thereof.

SECTION F-119 Liquefied Petroleum Gases

F-119.1 Scope. This Section shall apply to the storage, handling and transportation of liquefied petroleum gas and the installation of all equipment pertinent to systems for such uses in addition to the requirements stated in NFPA-58, Storage and Handling of Liquefied Petroleum Gases.

F-119.2 Definition. Distributing Plant: A facility, the primary purpose of which is the distribution of gas, and which receives LP-Gas in tank car, truck transport or truck lots, distributing this gas to the end use ~~user~~ by portable container (packaged) delivery, by tank truck or through gas piping. Such plants have bulk storage (2,000 gallons water capacity or more) and usually have container filling and truck loading facilities on the premises. Bulk plants are considered as being in this category. Normally no person other than plant management or plant employees shall have access to these facilities. Additionally, definitions contained in NFPA 58 shall apply.

~~F-119.3 A permit is not required for portable cylinders 20 lbs. or less for portable equipment.~~

F-119.4 Location of Containers and Limits:

F-119.4.1 All new liquefied petroleum gas storage installation and handling shall be in accordance with NFPA-58, the laws of the State of Florida, and all applicable rules, regulations, and ordinances of the AHJs.

F-119.4.2 Within the limits established by law restricting the storage of liquefied petroleum gas for the protection of heavily populated or congested commercial areas, the aggregate capacity of any one installation shall not exceed 2,000 gallons water capacity, except that in particular installations this capacity limit may be ~~altered at the discretion of the BCFCC~~ **by the approval of the Fire AHJ** after consideration of special features such as topographical conditions, nature of occupancy and proximity to buildings, capacity of proposed tanks, degree of private fire protection to be provided and facilities of the local Fire Department. The storage of liquefied petroleum gas shall conform to the provisions of the local zoning ordinance.

~~F-119.4.3~~ Where a distributing point is allowed, there shall be in attendance a qualified person to make the transfer of liquefied petroleum gas. This person shall have been trained by a licensed gas company, and be in possession of documents certifying such training. The owner of the distributing point shall be licensed by ~~the LP Division of the State of Florida~~ **Florida Department of Agriculture and Consumer Services – Visions of Consumer Services.**

F-119.4.4 All plans for installations at distributing points shall be submitted to the AHJs for permits and approval. In addition, plans for locations at distributing points for fixed (stationary) installations of

- 1) 2,000 gallons individual water capacity, or
- 2) with the aggregate water capacity exceeding 4,000 gallons, or
- 3) Any installation, regardless of size, which will be used for resale to the public, shall be submitted to the ~~State of Florida LP Division~~ **Florida Department of Agriculture and Consumer Services – Visions of Consumer Services** for approval and proper licensing, and be approved before the installation is started. Other safety precautions shall be adhered to as designated by the Fire Code Official/Fire Marshal, or ~~his/her~~ **their** duly authorized representative.

F-119.4.5 An LP Gas storage tank shall not be installed on the same island used for gasoline or diesel fuel dispensing. A minimum distance of 25 feet shall be maintained between the LP gas storage tank and the flammable liquid dispensing devices.

~~F-119.4.6~~ A distributing plant, as defined in ~~F-117.1~~ 119.2 shall be prohibited unless approved by the Fire Code Official/Fire Marshal ~~or Fire Code Manager/Administrator~~, or ~~his/her~~ **their** duly authorized representative, of the jurisdiction.

F-119.4.7 Multiple container installations with a total storage water capacity of more than 180,000 gallons (150,000 gallons LP-gas capacity) shall be subdivided into groups containing not more than 180,000 gallons in each group. Such groups

Commented [PB30]: FM Groupe believes that the Fire AHJ should make this decision for his jurisdiction

Commented [PB31]: Tommy -- Name change - Florida Department of Agriculture and Consumer Services – Division of Consumer Services

Support

Commented [PB32]: FM Group believe that should reflect F-119.2

Commented [PB29]: Delete FM Group is now in NFPA 58

shall be separated by a distance of not less than 50 feet, unless the tanks are:

- 1) buried or mounted in an approved manner, or
- 2) protected with approved insulation on such areas that may be subject to impingement of ignited gas from pipelines or other leakage, or
- 3) protected by fire-walls of approved construction, or
- 4) protected by an approved system for application of water, or
- 5) protected by other approved means, where one of these forms of protection is provided, the separation shall not be less than 25 feet between such container groups.

F-119.4.8 The storage and transportation of liquefied petroleum gas and the installation of all pertinent equipment shall be installed and maintained in accordance with NFPA-58, and subject to the approval of the Fire Chief, or ~~his/her~~ their duly authorized representative. These orders shall apply to all persons and places within the jurisdiction except as herein provided.

F-119.5 Parking and Garaging: Vehicles containing cylinders of liquefied petroleum gases 20 lbs or greater in size are prohibited in public parking garages, this includes LP gas delivery vehicles. Vehicles that are powered by LP gas and meet NFPA 54 for fuel systems are permitted.

F-119.6 Prohibited Use of Liquefied Petroleum Gas:

F-119.6.1 Liquefied petroleum gas shall not be used for the purpose of operating any device or equipment unless such equipment or device is approved for use with a liquefied petroleum gas.

F-119.6.2 Liquefied petroleum gas shall not be released to the atmosphere except through an approved liquid level gauge or other approved device.

F-119.7 Dispensing and Overfilling.

F-119.7.1 The dispensing of liquefied petroleum gases shall be performed by a qualified attendant.

(a) It shall be illegal for any person, firm, corporation, association, club or organization to operate a self-service liquefied petroleum gas dispensing operation which is open to the public.

F-119.7.2 A person shall not fill or maintain a liquefied petroleum gas container with liquefied petroleum gas in

excess of the fixed outage gauge installed by the manufacturer or the weight stamped on the tank.

F-119.8 Safety Devices.

F-119.8.1 A person shall not tamper with or make ineffective the safety devices of any liquefied petroleum gas container.

F-119.9 Abandonment of Liquefied Petroleum Gas Equipment:

~~F-119.9.1~~ At the discretion of the Authority Having Jurisdiction, whenever the use of liquefied petroleum gas equipment has been discontinued, it shall be abandoned in an approved manner within a period of 30 days. However, after 90 days, F-119.9.4 applies.

F-119.9.2 The following procedures may be used when approved by the Fire Chief or ~~his/her~~ their duly authorized representative.

F-119.9.2.1 Removal of all liquefied petroleum equipment.

F-119.9.2.2 Burn-off content of container.

F-119.9.3 All service openings shall be capped or plugged after contents have been removed from container.

F-119.9.4 All LP tanks, abandoned or out of service in excess of ninety (90) days, shall be removed and properly disposed of.

~~F-119.9.5~~ Combustible Gas Detection; In all facilities where combustible gases are piped to an appliance, a combustible gas detection system with an external notification device shall be installed in accordance with NFPA 72. The external notification device shall provide audio and visual notification and have a sign not less than 14" x 14" stating "combustible gas detected, call 911".

~~F-119.10~~ Protecting containers from Vehicles: LP gas containers located in or adjacent to areas such as alleys, driveways, loading docks or parking lots where they may be damaged by vehicles, shall be protected from damage.

F-119.10 Hydrogen Fuel for Emergency Power Systems.

Hydrogen stationary fuel cell power systems shall be installed in accordance with **NFPA 853** of the current edition. Storage shall be in compliance with NFPA 55 (Storage, Use and Handling of Compressed Gases Cryogenic Fluids in Portable or Stationary Containers, Cylinders and Tanks) for installation.

Commented [PB33]: FM Group recommend deleting old language and replacing with the following

Commented [PB34]: Bruce to provide verbiage

Commented [PB35]: FM Groupe suggest this new code section after the Plantation explosion related to combustible gas.

Commented [PB36]: Delete FM Group The code section is found in code 58.6.8.1.2

SECTION F-120

Fireworks and Sparkler/Novelty Items

F-120.1 General Requirements.

F-120.1.1 The manufacturing of fireworks, sparklers and pyrotechnic materials is prohibited.

F-120.1.2 The storage of fireworks and pyrotechnic materials is prohibited except as permitted in NFPA 1, Section 65.

F-120.1.3 Except as hereafter provided, it shall be unlawful for any person, firm, co-partnership or corporation to store, to offer for sale, expose to store, expose for sale, sell at retail, or use or explode any fireworks and/or pyrotechnic materials.

F-120.1.3.1 Consumer fireworks can be utilized as per FS 791 on specified holidays.

F-120.1.4 Approved sparklers per F. S. 791.013 and any wholesaler registered in accordance with Florida Statute 791.015 as of July 1, 1996, who has obtained all applicable governmental licenses and permits to operate from a permanent structure within Broward County as of July 1, 1996, are exempt from this subsection.

F-120.1.5 Wholesale exemption sales of fireworks pursuant to F.S.791.04 shall be prohibited at temporary or seasonal sales sites, and sales sites located in tents, canopies and stands.

F-120.1.6 Permit Requirements and Operator Qualifications.

F-120.1.6.1. Application for permit to operate a display of fireworks or use of pyrotechnics before a proximate audience shall be made in writing on forms provided by the Authority Having Jurisdiction to the Fire Chief, or ~~his/her~~ their duly authorized representative, at least 15 days in advance of the date of the display. Except as specifically modified within this Code, outdoor display of fireworks shall be as specified in NFPA 1123. See Section F 120.2 for additional requirements for Outdoor Display of Fireworks on Private Residential Property. See Section F- 120.3 for additional requirements for Offshore and Barge Fireworks Displays. Except as specifically modified within provisions of the Fire Protection Provisions of this Code, the FFPC, and all Fire Codes, use of pyrotechnics before a proximate audience shall be as specified in NFPA 1126.

F-120.1.6.1.1 Before any permit for a pyrotechnic display shall be issued, the person or organization making application shall furnish proof of financial responsibility to satisfy claims for damages to property or personal injuries arising out of any act or omission on the part of such person or any agent or

employee thereof, in such amount, character, and form as the Fire Chief, or his/her duly authorized representative, determines to be necessary for the protection of the public.

F-120.1.6.1.1.1 A copy of the certificate of insurance naming the permitting agency as additional insured is required.

F-120.1.6.1.1.2 Minimum required amount of certificates of insurance for permit issuance is as follows: \$1,000,000 for bodily injury, and \$50,000 for property damage, per occurrence.

F-120.1.6.2 Permit application shall be set forth and contain the following:

F-120.1.6.2.1 The name, address and telephone number of the organization sponsoring the display, the supplier of the fireworks, the operator (pyrotechnician) and all assistants.

F-120.1.6.2.2 Application shall be signed by the sponsoring organization representative; ~~and the operator (pyrotechnician) and approved by the Chief of Police in accordance with F.S. 791.~~ Fire Chief or his/her designee.

F-120.1.6.2.3 References for the most recent three firework displays supervised and discharged by the designated operator shall be required for review by the AHJ. Said referenced displays shall be similar in size and complexity and will provide contact persons and telephone numbers.

F-120.1.6.2.4 The date and time of day at which the display is to be held and the duration time for said display. Permits shall not be issued for displays between the hours of 11:00 pm and 7:30 am.

F-120.1.6.2.4.1 Time restrictions stated above may not be applicable on January 1, July 4, and December 31, or any other date where specific permission to operate a display of fireworks is granted by the AHJ.

F-120.1.6.2.5 The exact location address for the display, event or production.

F-120.1.6.2.6 A copy of a location site plan with dimensions indicating the exact location planned for the display site and all grounds and facilities at which the event will be held. This plan shall include the location of all structures, audience viewing areas, roads, trees and utilities.

F-120.1.6.2.7 Operator and assistant qualifications shall comply with the provisions of NFPA 1123 and NFPA 1126.

F-120.1.6.2.7.1 The operator shall be responsible for ensuring that a sufficient number of assistants are available on site for the safe storage and conduct of the fireworks display.

Commented [PB37]: FM Group believes this was left out and make more since

F-120.1.6.2.7.2 Operators shall be at least 21 years of age and all assistants shall be at least 18 years of age. A copy of a valid driver's license or other valid picture I.D. acceptable to the AHJ shall be provided for all operators and assistants.

F-120.1.6.2.8 The type and number of fireworks to be discharged.

F-120.1.6.2.8.1 Aerial displays: Size and number of each type of burst (single, multiple, etc.)

F-120.1.6.2.8.1.1 All aerial shells, regardless of size, shall be fired using approved electrical ignition unless alternate method of ignition is approval by the AHJ.

F-120.1.6.2.8.1.2 All electrically fired displays shall provide a solid barrier located at least 100 feet from the mortar location from which all operators (pyrotechnicians) shall control the display with the exception of displays on barges.

F-120.1.6.2.8.2 Fixed displays. Size, type and description of displays.

F-120.1.6.2.8.3 The manner and place of storage of fireworks prior to display. The date, time and travel route from the point the fireworks enter Broward County.

F-120.1.6.2.9 Standby Firewatch Requirements.

F-120.1.6.2.9.1 The Fire Chief, or his/her duly authorized representative, shall require one or more standby firewatch personnel employed by the Fire Service Provider/Fire Department, to be on-duty for each display or performance. When deemed necessary the Fire Chief, or his/her **their** duly authorized representative, additional fire rescue apparatus may be required for the display or performance. The expense of such personnel services and apparatus shall be borne by the permit holder, and shall be paid prior to issuance of the permit.

F-120.1.6.2.9.2 The standby firewatch personnel shall be on duty from the time of display set up, during the display, and until termination of the display and removal of all fireworks, debris, pyrotechnical materials and devices from the site.

F-120.1.6.2.9.3 In the case of indoor displays or performances, standby firewatch personnel shall be maintained until total restoration of normal function of the fire safety systems has been verified.

F-120.1.6.2.9.4 At a minimum, at least one of the assigned standby firewatch personnel shall be a BORA Certified Fire Inspector.

F-120.2 Additional Requirements for Outdoor Display of Fireworks on Private Residential Property:

F-120.2.1 Written approval from the property owners located adjacent the proposed display site property is required prior to approval of a permit for outdoor fireworks display.

F-120.2.2 The display site shall have at least a 100 foot per inch radius of internal mortar diameter of the largest shell to be fired.

F-120.2.3 Minimum distance separation shall be no less than 300 feet from the nearest dwelling, building, or structure. This includes canopies, chickee huts, or similar structures, bulk storage areas, public highways, railroads or other means of travel.

F-120.2.4 Not within 1,000 feet of a school, theater, church, hospital, nursing home, assisted living facility, livestock/animal storage site, or similar structures or institutions.

F-120.2.5 No less than 50 foot radius from the nearest aboveground utility, telephone or telegraph line, tree, or other overhead obstruction.

F-120.2.6 The audience shall be restricted behind an approved barrier, location no less than 200 feet from the outside of the required display site distance separations.

F-120.2.7 Reserved

F-120.3 Offshore and Barge Fireworks Displays.

F-120.3.1 Firework displays shall only be permitted on approved barges. Barge means a non-self-propelled vessel and shall meet the requirements of NFPA 1123 for construction and sizing requirements of the discharge site.

F-120.3.2 A valid copy of a current U.S. Coast Guard permit of operation shall be provided for each barge display, if required by the U.S. Coast Guard.

F-120.3.3 At least two chase boats shall be provided to maintain a clear separation distance of at least 1,000 feet radius around the barge from other vessels, structures and the beach. Chase boats shall also provide transportation of fire rescue personnel when required.

F-120.3.4 Two-way compatible communication shall be provided for use by fire rescue and law enforcement personnel, chase boats and barge crew.

F-120.3.5 Ladder access shall be provided to allow immediate access for inspection and emergency response.

F-120.3.5.1 Stabilization shall be provided to secure the barge and prevent rotation from wind, water current and firing angle.

F-120.3.5.2 Inspection of the barge by the Fire Service Provider/Fire Department shall occur at least one to two hours prior to the scheduled departure for sea.

F-120.4 Safety Precautions for Outdoor fireworks.

F-120.4.1 If in the opinion of the Fire Chief, or his/her duly authorized representative, any unsafe or hazardous condition exists, the fireworks display shall be postponed until such time as said conditions are corrected.

F-120.4.2 If high winds, precipitation or other adverse weather conditions prevail, such that in the opinion of the Fire Chief, or his/her duly authorized representative, a significant hazard exists, the fireworks display shall be postponed until weather conditions improve to an acceptable level to allow discharge.

F-120.4.2.1 No discharge of a fireworks display shall be permitted to take place when the wind velocity is 17 knots (20 mph) or greater.

F-120.4.3 Immediately upon delivery to the display site, all fireworks shall be properly secured and shall not be left unattended at any time. When deemed necessary, the Fire Chief, or his/her their duly authorized representative, may require the operator or employ special security measures to ensure the proper security of the stored fireworks.

F-120.4.4 A minimum of two, two and one-half gallon pressurized water fire extinguishers shall be available in the discharge area. Additional extinguishers or equipment may be required if conditions warrant. In addition, adequate water supply for fire protection shall be available at the discharge site.

F-120.5 Requirements for the Sale, Display, Merchandising, Storage and Handling of Approved Sparklers and Novelty Items within buildings, Structures, Canopies and Outdoor Sites.

F-120.5.1 No person shall be in possession of a lighted cigarette, cigar, or pipe, or any open flame, within 50 feet of any sales, display, merchandising, storage, or handling area. Proper receptacles for disposal of smoking materials shall be provided at all entrances to such areas (i.e. water filled or sand filled buckets).

F-120.5.2 A minimum of two approved two and one-half gallon pressurized water fire extinguishers shall be available within the sales, display, and handling areas; additional fire extinguishers or fire protection equipment may be required by the authority having jurisdiction.

F-120.5.3 Precautions shall be taken to protect against fire or spread of fire in all sites located within fields or lots with

ground cover such as brush, grass or other overgrowth of vegetation.

F-120.5.4 Durable and readily visible signs to read “Caution Sparklers—No Smoking” shall be posted on the exterior of each entrance way into and throughout all sparkler sales, storage, and handling areas within the interior of any building, structure, canopy, or outdoor site. These signs shall be readily visible in all directions.

F-120.5.5 The use, ignition or discharge of any approved sparklers or novelty items is prohibited within buildings or structures where sparklers or novelty items are offered for sale, displayed, or stored, and within 100 feet of any outdoor sales storage or handling sites.

F-120.5.6 Buildings or structures used in whole or in part for sales (retail or wholesale), display, merchandising, handling, or storage of sparklers and/or novelty items shall be fully protected throughout with an automatic sprinklers system in accordance with NFPA 13, the edition in 69A-60, Florida Administrative Code.

F-120.5.7 No storage of sparklers or novelty items shall be permitted in vehicles.

Exception: Transportation purposes only, to and from the site or at a permitted site, if approved by the authority having jurisdiction.

F-120.5.8 Sales, display and merchandising shall be conducted in an approved and safe manner in order to control handling by the general public.

F-120.5.9 Amounts of sparklers and related novelty items displayed within the sales area shall not exceed those amounts approved by the Fire Chief, or his/her their duly authorized representative. Note: Where the primary business of the occupancy is not sale of sparklers, the sale areas of sparklers or novelty items shall not exceed two percent of the net floor space of the building or structure.

F-120.5.10 Storage of approved sparklers and novelty items shall comply with the following.

F-120.5.10.1 Sparklers shall not be stored or kept in any area

F-120.5.10.1.1 In which paints, oils, or varnishes are manufactured or kept for use or sale, unless the paints, oils or varnishes are in unbroken (sealed) containers.

F-120.5.10.1.2 In which resin, turpentine gasoline or flammable substances which may generate vapors are used, stored, or offered for sale unless the resin, turpentine, gasoline, or substance is in unbroken (sealed) containers.

Commented [PB38]: Research Sky Lanterns
NFPA 1, 2018 10.10.9.3. Not modified in FFPC

F-120.5.10.1.3 In which there is not at least one 2A10BC fire extinguisher available in the area used for storage.

F-120.5.10.2 Storage of sparklers shall be in an approved manner, remote from the public, and separated from all other merchandise by at least one hour fire protection and an approved automatic sprinkler system.

Exception: Canopies and approved steel storage vaults or containers when used outdoors.

F-120.5.10.3 Approved storage facilities shall be labeled with an approved Explosion placard complying with the Department of Transportation (DOT) Standard.

F-120.5.11 Outdoor sites for sale, storage, and/or handling of approved sparklers shall comply with the following distance requirements: The minimum distance between a storage site and any building or structure shall be 50 feet.

F-120.6 Separation.

F-120.6.1 The minimum distance required between a site and any fuel storage/dispensing area or device shall be 50 feet.

F-120.6.2 Storage areas shall be separated from sales and handling areas by a minimum of 25 feet.

F-120.6.3 Any building or structure used as storage facilities for sparklers and novelty items in conjunction with outdoor sites shall comply with the one hour protection separation and automatic sprinkler system requirements as required for storage areas within building and structures.

Exception: Canopies and approved steel storage vaults or containers.

F-120.6.4 When a canopy can be used in conjunction with an outdoor site operation, the following shall apply:

F-120.6.4.1 No sides of any kind are permitted on the canopy at any time. Provide copy of Building Permit for canopy.

F-120.6.4.2 The canopy shall comply with the flame-retardant requirement. Proper flame retardant certificate required.

F-120.6.4.3 Proper exit and exit access shall be maintained at all times within the interior of the canopy. No obstruction to egress from any portion of the canopy is permitted.

F-120.6.4.4 Provide and maintain a minimum of one 2A40BC dry chemical fire extinguisher, with properly updated service tag for each 2,500 sq. ft. of canopy area. Not less than one fire extinguisher for each canopy.

F-120.6.5 If the site is to operate after daylight hours, the site shall be properly illuminated. If electricity powered and/or electrical equipment is used, the following shall apply:

F-120.6.5.1 All electrical equipment and associated wiring shall comply with NFPA 70, the National Electrical Code, edition as adopted in 69A-60, Florida Administrative Code. Provide copy of permit for electrical service and equipment.

F-120.6.5.2 If fuel powered generator is to be used to supply power for the site, the following shall apply.

F-120.6.5.2.1 Generator shall be kept a minimum distance of twenty feet (20') from sales, storage, or handling area.

F-120.6.5.2.2 Precautions against fire or fire spread shall be taken when generator sites are located within fields or grassed lots.

F-120.6.5.2.3 Only an approved metal five gallon safety container shall be used to store fuel for the generator. Fuel containers shall be properly stored with a maximum of ten gallons per site.

F-120.6.5.2.4 Approved fuel containers shall not be stored in sales, storage, handling areas or vehicles.

F-120.6.5.3 Durable sign to read "NO SMOKING" shall be posted at the generator site.

F-120.7 Pyrotechnics Before Proximate Audience

F-120.7 The requirements for the use of pyrotechnics before a proximate audience shall be in accordance with the standards as set forth in the FFPC. In addition, the following local amendments shall apply:

~~**F-120.7.1** A permit application for the use of pyrotechnics before a proximate audience shall be submitted in writing to the local Fire Marshal/Fire Code Official, or his/her duly authorized representative at least 15 business days prior to the display. Application for permit to operate a display of pyrotechnics before a proximate audience shall be made in writing on forms provided by the Authority Having Jurisdiction to the Fire Chief, or his/her their duly authorized representative, at least 15 days in advance of the date of the display.~~

F-120.7.2 The local Fire Marshal/Fire Code Official, or his/her their duly authorized representative at their discretion, shall require standby fire watch personnel employed by the AHJ of the Fire Service Provider/Fire Department, to be on duty for each display or performance. When deemed necessary by the local Fire Marshal/Fire Code Official, or his/her duly authorized representative, additional fire and

Commented [PB39]: FM Groupe believes this should have a heading

Commented [PB40]: FM Group believes that the permitting language found in F-120.1.6.1 need to be uniform as found in F-120.7.1

rescue apparatus may be required for the display or performance. Any and all expense(s) of standby personnel services and apparatus shall be borne by the permit holder.

F-120.7.2.1 Standby fire watch personnel shall be on duty from the time of display setup, during the display, and until termination of the display and removal of all pyrotechnic materials, debris, and devices from the site.

F-120.7.2.2 In the case of indoor displays or performances, standby fire watch personnel shall be maintained until total restoration of normal functioning of the fire safety systems has been verified.

F-120.7.2.3 At a minimum, at least one of the assigned standby fire watch personnel shall be a BORA Certified Fire Inspector.

F-120.7.3 Any indoor use of pyrotechnics shall not be permitted in buildings or any portion thereof unless protected by an approved automatic sprinkler system.

F-120.7.3.1 Indoor use of pyrotechnics shall be prohibited in temporary structures such as tents, canopies,

F-120.8 Rooftop Pyrotechnics: In addition to the aforementioned code requirements, the following shall apply to rooftop pyrotechnic displays:

F-120.8.1 Only NFPA 1126 approved pyrotechnics shall be permitted for all rooftop displays.

F-120.8.1.1 If a rooftop display is being proposed, the pyrotechnician shall identify a debris fallout area on the submitted plan.

F-120.8.1.2 The pyrotechnician shall provide the local Fire Marshal/Fire Code Official, or his/her **their** duly authorized representative with an approved, written notice from the FAA acknowledging receipt of the time frame of the display, the pyrotechnic material used, and approval from the FAA representative to proceed with the event.

F-120.8.1.3 Such an approved written notice shall be a part of the permit application submitted at least 15 working days prior to the event.

F-120.8.1.4 Failure to provide approved, written notice from the FAA to the local Fire Marshal/Fire Code Official, or his/her **their** duly authorized representative, shall be cause for denial to display rooftop pyrotechnics.

F-120.8.1.5 At the discretion of the local Fire Marshal/Fire Code Official, or his/her **their** duly authorized representative, the pyrotechnician may be required to post all, or part of the following:

F-120.8.1.5.1 Additional insurance policy in the amount of one million dollars indemnifying the local AHJ.

F-120.8.1.5.2 Post a refundable clean-up bond with the local AHJ holding the pyrotechnician responsible for post-event clean up from pyrotechnic debris fallout.

F-120.8.1.5.3 If the pyrotechnician is not directly responsible for post event cleanup of debris, the pyrotechnician shall furnish written proof from the party responsible for post event cleanup of pyrotechnic debris.

F-120.8.1.6 The pyrotechnician shall be held responsible for the cleanup of any NFPA 1126 pyrotechnic material fallout on any structure, vehicles, and/or part thereof in the fallout area unless otherwise advised in writing, to the fire code official, as to the contracted party responsible for such cleanup.

F-121 Photovoltaic (PV)

~~The design, installation, operation, inspection, and maintenance of all photovoltaic electrical equipment shall comply with this section of the Local Fire Code Amendments to the Florida Fire Prevention Code and NFPA 70 NEC.~~

F-121.1 Remote Disconnect

~~a) If the PV Solar disconnect cannot be located at the utility service point, a sign / placard securely mounted to the building shall indicate the location on the exterior of the building where the solar disconnect can be found. The sign / placard for the remote disconnect shall be affixed at the utility meter, directing the Fire Service Provider/Fire Department personnel to the location where the PV Solar Disconnect can be found (sign / placard material and lettering shall be as stated above and give clear directions to the location of the PV Solar disconnect location).~~

~~F-121.2 PV Solar systems installed in Commercial buildings where any life safety device, equipment, system, level of protection, or any other feature required for compliance with the life safety code relying on continuous electricity shall be inspected for integrity and operability as intended per its respective code.~~

F-121.3.1 Rapid Shutdown of PV Systems on Buildings:

Commented [PB41]: Delete F-121 Photovoltaic as it is found in NFPA 1, 11.12

All buildings with solar systems shall comply with NFPA 70, section 690.12 as it relates to a means to disconnect voltage on the load side of solar panels in an emergency situation.

F-122 Mobile and Temporary Cooking Operations

F-122.1 The following section shall be a minimum life safety requirement but can be modified if deemed necessary by the local AHJ.

F-122.1.1 Mobile or Temporary Cooking. Any cooking facility, apparatus or equipment, being operated on a one time or interim basis, or for less than 90 days in the same location, other than at a fixed location, building or structure which has been inspected and permitted under another section of this code, regulation or statute, inclusive of self-propelled trucks and vehicle, trailered units, push carts, equipment located under cover of awnings, canopies or pop-up tents, or other structures for which a building permit has not been issued.

F-122.1.2 All current licensing, semiannual / annual fire suppression system inspections reports and a cleaning report with related documents shall be placed in a binder and accessible to the AHJ at all times.

~~**F-122.1.3** Mobile Food Dispensing Vehicles shall be separated and have a clearance of at least 10 ft. (3 m) in all directions from any vehicles, buildings, combustible materials, and other cooking operations.~~

F-122.1.4 Prior to operating within Broward County, each Mobile Food Dispensing Vehicle shall be inspected and approved.

- a. Inspection and approval by the AHJ shall not relieve the mobile food vendor's owner of the responsibility of compliance with the design, construction, installation, alteration, repairs, equipment maintenance, process and relocation of the mobile food truck.
- b. Inspection and approval shall not hold the AHJ responsible for the enforcement of regulations of such other regulatory agencies unless specifically mandated to enforce those agencies regulations.

F-122.1.5 Cooking equipment that produces grease-laden vapors shall be protected by a fire-extinguishing system. Automatic fire-extinguishing systems shall comply with ANSI/UL300 or other equivalent standards and shall be installed in accordance with the terms of their listing, the manufacturer's instructions, and NFPA 17A.

F-122.2 Cleaning

F-122.2.1 The entire exhaust system, appliances, floor underneath and wall behind appliances, shall be inspected and cleaned for grease buildup by a properly trained, qualified, and certified person(s) acceptable to the AHJ and in accordance with Table 11.4 in NFPA 96 and in accordance with

F-122.3 Fire Extinguishers

F-122.7.1 There shall be a quarter-turn valve installed within the LP- gas piping for emergency shut-off use, shall be installed on the exterior of the vehicle and readily assessable.

F-122.7.2 A "PROPANE EMERGENCY SHUT-OFF" sign and a "NO SMOKING" sign shall be installed directly next to or above the gas cylinder and shall be a highly visible, permanent weatherproof sign with a minimum of 2" lettering.

F-122.7.3 Cylinders shall be retested every 5-12 years in accordance with the manufacturer's recommendations and 49 CFR 180.205.

- a. No letter after the requalification date means the cylinder must be retested within 12 years.
- b. An "S" after the requalification date means the cylinder must be retested within 7 years.
- c. An "E" after the requalification date means the cylinder must be retested within 5 years.

F-122.8 Leak Detection

F-122.8.1 A test gauge shall be installed at or before the regulator for means of leak detection. Pressure shall be observed for a minimum of 3 minutes with no drop in pressure. Propane tanks, hoses and fittings shall be free of leaks. Documentation that the system is free of leaks shall be kept in a binder and readily assessable for the AHJ upon request.

F-123 Permanently Installed Cooking Exhaust Systems

F-123.1 Cooking Exhaust Systems: Cleaning of Cooking Exhaust Systems shall be in compliance with NFPA 96 and the following.

F-123.2 Cooking ventilation systems shall be inspected for grease buildup by a person meeting the training requirements as set forth by International Kitchen Exhaust Cleaning Association (IKECA) or other nationally recognized exhaust system cleaning

Commented [PB42]: Delete as now found in NFPA 1, 50.7.5

association acceptable to the AHJ in accordance with NFPA 96, Section 11.6.1.

F-123.3 Certification of training shall be submitted to the Local AHJ prior to cleaning operations taking place.

F-123.4 The completed inspection or cleaning report as found in NFPA 96, 11.6.14 shall be provided to the owner and a copy along with photos taken prior to cleaning and after cleaning shall be submitted to the local AHJ.

F-124 Uniform Generator Code

F-124.1 Scope The purpose of this document is to provide uniform procedures for the AHJs' in Broward County as it pertains to secondary power sources. Any Board and Care occupancy as defined by the provisions of this code that is required to receive an inspection from an AHJ as per Florida State Statute or the Florida Administrative Code, shall comply with the provisions of this code.

F-124.2 Referenced Publications:

NFPA 1, *Fire Code*

NFPA 30, *Flammable and Combustible Liquids Code*

NFPA 37, *Standard for the Installation of and Use of Stationary Combustion Engines and Gas Turbines*

NFPA 54, *National Fuel Gas Code*

NFPA 58, *Liquefied Petroleum Gas Code*

NFPA 70, *National Electrical Code*

NFPA 72, *National Fire Alarm and Signaling Code*

NFPA 110, *Standard for Emergency and Standby Power Systems*

NFPA 111, *Standard on Stored Electrical Energy Emergency and Standby Power Systems*

NFPA 720, *Standard for the Installation of Carbon Monoxide (CO) Detection and Warning Equipment*

Florida Administrative Code 58A-5.036 for Assisted Living Facilities

Florida Administrative Code 59A-4.1265 for Nursing Homes

Florida Building Code

F-124.3 General:

F-124.3.1 Existing approved, non-conforming installations shall be deemed compliant with this code unless the AHJ determines that non conformity presents a distinct hazard to life.

F-124.3.2 All facilities shall store a minimum of seventy-two (72) hours of fuel onsite and be able to show proof (such as a fuel service contract) of a reliable method to obtain the additional twenty-four (24) hours of fuel within forty-eight (48) hours of a declared State of Emergency. Piped natural gas is an allowable fuel source.

F-124.3.3 If local ordinances or other regulations limit the amount of onsite fuel storage at the location of the facility, then the owner/operator shall develop a plan that includes maximum onsite fuel storage allowable by the ordinance or regulation and a reliable method to obtain the maximum additional fuel at least 24 hours prior to the depletion of the onsite fuel.

F-124.3.4 Storage of any fuels shall be compliant with the applicable National Fire Protection Association's (NFPA) codes and standards.

F-124.3.5 Other fuel sources shall be permitted in conformance with the NFPA 54 and 58 as currently adopted.

F-124.4 Minimum Permit Submittal Requirements:

F-124.4.1 The following is a list of the minimum required information that shall be submitted to the AHJ for review:

- A) Plans shall be submitted for permitting, with details and manufacturer specifications that demonstrate compliance with all applicable NFPA codes and standards. The submittal shall be made by a qualified and licensed contractor.
- B) All generators shall be NFPA 110 compliant.
- C) Plans shall clearly identify the class, type, and level of the generator.
- D) A site plan shall be provided indicating the location of the emergency generator in relation to the building openings as well as adjacent building openings, exit discharges, the fuel source type, and the automatic transfer switch.
- E) The location of the manual emergency shut off shall be clearly identified on the plans. The emergency shut off shall be readily accessible at all times, identified with permanent weatherproof signage, shall be readily visible to emergency responders, and the location shall be approved by the AHJ.
- F) Plans shall demonstrate that the fuel supply can accommodate the specific EPS class and time duration identified on the plans.

- G) Physical protection of the fuel source and generator when located in areas subject to vehicular traffic shall be clearly identified.
- H) A remote generator annunciator shall be installed at a continuously attended location and indicated on the plans, approved by the AHJ.
- I) A signed generator maintenance contract shall be submitted, maintained, and made available to the AHJ upon request.
- J) Carbon monoxide protection shall be installed in accordance with NFPA 720. The location(s) of Carbon Monoxide Alarms shall be indicated on the plans.

F-124.5 Inspection and Testing

- A) Emergency Power Supply Systems' (EPSS), including all appurtenant components, shall be inspected weekly and exercised under load at least monthly.
- B) The facility owner shall ensure that the EPSS is properly maintained and serviced not less than annually by a qualified person or contractor in accordance with the manufacturer's specifications.

F-124.6 Records Retention

- A) Each facility shall provide a binder which contains a log of weekly inspections and monthly load exercise. The owner or their agent is responsible for the proper recording of this information.
- B) The binder shall also include a copy of the annual service agreement as well as the most current annual service report.
- C) This binder shall be made readily accessible to the AHJ upon request.

CLEAN VERSION

Broward County Local Amendments to the Florida Fire Prevention Code

SECTION F-101 GENERAL

F-101.1— Title. These regulations shall be known as the Broward County Local Fire Code Amendments to the Florida Fire Prevention Code (FFPC).

F- 101.2 - Scope. The provisions of this Chapter shall govern the administration and enforcement the FFPC and the Fire Protection Provisions of this Code and shall apply countywide in both incorporated and unincorporated areas of Broward County, Florida. The provisions of this code shall apply to new and existing buildings or structures, equipment, installations, construction, alteration, movement, enlargement, replacement, repair, use and occupancy, location, maintenance, removal and demolition of every building or structure or any appurtenances connected or attached to such buildings.

F-101.2.1 Appendices or Annexes: Provisions in the appendices or Annexes shall not apply unless specifically adopted by Florida Statute 633.

F-101.2.2 Definitions:

- A. AHJ** means Authority Having Jurisdiction shall be a federal, state, local organization, office or individual responsible for enforcing the requirements of this code as found in Chapter 1, Broward Administrative Provisions.
- B. BCFCC** means Broward County Fire Code Committee
- C. BORA** means the Broward County Board of Rules and Appeals
- D. Engineer** means licensed professional engineer, licensed in the State of Florida
- E. FBC** means the Florida Building Code
- F. FFPC** means the Florida Fire Prevention Code including the Broward County Local Fire Amendments to the Florida Fire Prevention Code
- G. State** means State of Florida
- H. Fire Code Manager/Administrator** means a person certified by the State Fire Marshal Office as meeting the provisions found in NFPA 1037 and means Fire Marshal / Fire Code Official.
- I. Fire Service Provider** means Fire Department
- J. Door / Door Assembly;** when used for fire service provider access as referred to in this code or the FFPC, except

in chapters where other configurations are specifically permitted, shall mean a side hinged, swinging type egress exterior door / door assembly that can be opened from the outside and that provides access to the interior of the dwelling unit or building.

K. AHCA: Agency for Health Care Administration

L. APD: Agency for Persons with Disabilities.

M. Class: The class defines the minimum time, in hours, for which the EPSS is designed to operate at its rated load without being refueled or recharged.

N. Board and Care Occupancy. An occupancy used for lodging and boarding of residents, not related by blood or marriage to the owners or operators, for the purpose of providing personal care services.

O. Legally Required Standby Generator: Those systems required and so classed as legally required standby secondary power sources by municipal, state, federal, or other codes or by any governmental agency having jurisdiction. These systems are intended to automatically supply power to selected loads (other than those classed as emergency systems) in the event of failure of the normal source.

P. Emergency Generators Systems: Those systems legally required and classed as emergency by municipal, state, federal, or other codes, or by any governmental agency having jurisdiction. Those systems are intended to automatically supply illumination, power, or both, to designated areas and equipment in the event of failure of the normal supply or in the event of accident to elements of a system intended to supply, distribute, and control power and illumination essential for safety to human life.

Q. EPS: Emergency Power Supply. The source of electric power of the required capacity and quality for an emergency power supply system (EPSS).

R. EPSS: Emergency Power Supply System. A complete functioning EPS system coupled to a system of conductors, disconnecting means and overcurrent protective devices, transfer switches, and all control, supervisory, and support devices up to and including the load terminals of the transfer equipment needed to operate as a safe and reliable source of

FFPC 6th Edition Broward County Local Amendments

electric power.

S. Permit: A document issued by the AHJ for the purpose of authorizing performance of a specified activity.

T. Plans: Plans are required for new construction, modification, or rehabilitation, construction documents and shop drawings and shall be submitted, reviewed and approved prior to the start of such work. Plans shall be prepared by a licensed Florida professional engineer.

U. Qualified Person: One who has skills and knowledge related to the operation, maintenance, repair, and testing of the EPSS equipment and installations and has received safety training to recognize and avoid the hazards involved.

F-101.3 - Intent. The purpose of the FFPC is to establish the minimum requirements to safeguard the public health, safety and general welfare through structural strength, means of egress, facilities, stability, sanitation, adequate light and ventilation, energy conservation, and safety to life and property from fire and other hazards attributed to the built environment including alteration, repair, removal, demolition, use and occupancy of buildings, structures or premises, and by regulating the installation and maintenance of all electrical, gas, mechanical and plumbing systems, which may be referred to as service systems and to provide safety to fire fighters and emergency responders during emergency operations.

F-101.4 - Violations and Penalties. Any person, firm or corporation, who shall violate a provision of the FFPC or a Fire Protection Provision of this Code or fail to comply therewith, or with any of the requirements thereof, shall be guilty of a misdemeanor. Each such person shall be deemed guilty of a separate offense for each and every day or portion thereof during which any violation of any of the provisions of the FFPC or any Fire Protection Provisions of this Code is committed or continued, and upon conviction of any such violation, such person shall be punishable by a fine of not less than fifty (\$50) nor more than five hundred (\$500) dollars, or by imprisonment not exceeding sixty days, or by both such fine and imprisonment.

F-101.5--- Quality control. Quality control of materials and workmanship is not within the purview of the FFPC or this Code except as it relates to the purposes stated herein.

F-101.6--- Referenced Codes. The other codes listed in and referenced elsewhere in the FFPC, all Fire Codes, and the Fire Protection Provisions of this Code shall be considered part of the requirements of the FFPC to the prescribed extent of each such reference.

F-101.6.1 Fire prevention. For provisions related to fire prevention, refer to the FFPC as referenced in Florida Statute 633, Broward County Local FFPCs as adopted and the Fire Protection Provisions of this Code as referenced above. The FFPC shall apply to matters affecting or relating to structures, processes and premises from the hazard of fire and explosion arising from the storage, handling or use of structures, materials or devices; from conditions hazardous to life, property or public welfare in the occupancy of structures, or

premises; and from the construction, extension, repair, alteration or removal of fire suppression and alarm systems or fire hazards in the structure or on the premises from occupancy or operation.

SECTION F-102 Applicability

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

F-102.1.1 FFPC and the Fire Protection Provisions of this Code, does not apply to, and no code enforcement action shall be brought with respect to, zoning requirements, land use requirements and owner specifications or programmatic requirements which do not pertain to and govern the design, construction, erection, alteration, modification, repair or demolition of public or private buildings, structures or facilities or to programmatic requirements that do not pertain to enforcement of, FFPC and Fire Protection Provisions of this Code.

SECTION F-103

Fire Chief, Bureau of Fire Prevention, Fire Marshal, Fire Code Official, Fire Plans Examiner, and Fire Inspector

F- 103 — Bureau of Fire Prevention: A Bureau of Fire Prevention shall be established within the Fire Service Provider/Fire Department, under the direction of the Fire Chief, which shall consist of such Fire Service Provider/Fire Department personnel as may be assigned thereto, by the Fire Chief, in accordance with the requirements prescribed herein. The function of this bureau shall be to assist the Fire Chief in the administration and enforcement of the FFPC, Fire Protection Provisions of this Code, and the Fire Protection Provisions of this Chapter. Personnel assigned to the bureau as the Fire Marshal / Fire Code Official, Fire Plans Examiner, and/or Fire Inspector shall be certified by BORA.

F-103.1 — Appointment of Fire Marshal/ Fire Code Official: There shall be appointed by the Fire Chief certain fire prevention personnel to be qualified as set forth in this Chapter as part of the FFPC to be qualified as Fire Marshal / Fire Code Official. Personnel assigned to the bureau as Fire Marshal / Fire Code Official, Fire Plans Examiner, and / or Fire Inspector shall be State Certified Firefighters, State Certified Fire Inspectors, and certified by BORA. For state certification and recertification refer to Florida State Statute 633.

F- 103.2 Powers and Duties of a Fire Marshal /Fire Code Official: The Fire Chief shall duly authorize their representative of the Fire Service Provider/Fire Department to exercise the powers and perform the duties of the Chief. They shall also be known as Fire Marshal/Fire Code Official. The Fire Marshal/Fire Code Official shall be authorized and directed to enforce the Fire Protection Provisions of this Code

FFPC 6th Edition Broward County Local Amendments

and the FFPC, and the sole authority to render interpretations of the Fire Protection Provisions of this Code and the FFPC, and to adopt policies and procedures in order to clarify the application of its provisions and shall have responsibility for the administration and enforcement of the FFPC and Fire Protection Provisions of this Code. Such interpretations, policies, and procedures shall be in compliance with the intent and purpose of the Fire Protection Provisions of this Code and the FFPC. Such policies and procedures shall not have the effect of waiving requirements specifically provided for in the Fire Protection Provisions of this Code and FFPC. It shall be their duty and responsibility to enforce and coordinate the work of all subordinates such as Fire Plans Examiners and Fire Inspectors. Based on current technology that the Fire Marshal/Fire Code Official does not have to be personally present at the Fire Service Provider/Fire Department as long as they are available by telephone/computer etc. and can perform their duties. In the event that the Fire Marshal/Fire Code Official is not available to perform his/her duties, the Fire Chief may appoint an interim Fire Marshal/Fire Code Official provided such person is qualified as set forth in Section F-103.3 of this Code and the FFPC. The Fire Chief or Fire Service Provider/Fire Department shall notify in writing BORA of the starting date and period of time that the Interim Fire Marshal/Fire Code Official will assume the Fire Marshal/Fire Code Official's duties. The name of the Interim Fire Marshal/Fire Code Official will be recorded by BORA but they will not be issued a certification card as a Fire Marshal/Fire Code Official. The Fire Marshal/Fire Code Official shall be subject to the powers vested by Florida State Statute 633 and BORA in this Code. If there is one Fire Plans Examiner or Fire Inspector hired by an inspection authority, that Plans Examiner or Inspector shall be a Fire Marshal/ Fire Code Official.

F-103.2.1 Under the Fire Chief's direction, the Fire Service Provider/Fire Department shall enforce the Fire Protection Provisions of this Code and the FFPC and all Fire Codes pertinent to the prevention of fires, suppression or extinguishing of fires, storage, use and handling of explosive, flammable, combustible, toxic, corrosive and other hazardous gaseous, and solid and liquid materials. These inspections shall include, but are not limited to:

F-103.2.1.1 The inspection of equipment and maintenance of automatic, manual and other fire alarm systems and fire extinguishing equipment;

F-103.2.1.2 The maintenance and regulation of fire escapes;

F-103.2.1.3 The maintenance of fire protection and the elimination of fire hazards on land and in buildings, structures and other property, including those under construction;

F-103.2.1.4 The means and adequacy of each exit in the event of fire or similar emergency, from factories, schools, hotels, lodging houses, asylums, hospitals, churches, halls, theaters, amphitheaters and all other places in which people work, live or congregate from time to time for any purpose; and

F-103.2.1.5 The investigation of the origin, cause, and circumstances of fires.

F-103.2.3 No enforcing agency may issue any permit for construction, erection, alteration, repair, or demolition until the Building Official/Fire Code Official, in conjunction with the appropriate fire plans examiner, has reviewed the plans and/or specifications for such proposal and both officials have found the plans and/or specifications to be in compliance with the FFPC and the applicable fire safety standards as determined by the local authority in accordance with the FFPC and Chapter 633, Florida Statutes. Plans shall be reviewed within 30 working days from the date of submission or specifications are received. In the event that agreement cannot be reached between the Building and Fire Officials, the dispute shall be referred to the BCFCC for review and recommendation to BORA.

F-103.2.4 It shall be the duty of the Fire Chief of the Fire Service Provider/Fire Department to inspect or cause to be inspected by their duly authorized representatives of the Fire Prevention Bureau, as often as may be necessary, but not less than annually, during normal business hours, for the establishment in question, all buildings and premises, including common or public areas as well as all public aisles, corridors, halls, rooms, storage areas, or other nonresidential areas of such buildings, for the purpose of ascertaining and causing to be corrected, any condition liable to cause fire or any violation of the provisions or intent of the FFPC, by providing written notice of the code sections violated, and to otherwise enforce any violation of the Fire Protection Provisions of this Code and the FFPC. Whenever the Fire Chief or their duly authorized representatives of the Fire Service Provider/Fire Department determines that a violation exists, the person responsible for maintaining the building or area where such violation exists, shall be given reasonable written notice of such violation, and if the violation continues, a presumption of a violation of the Fire Protection Provisions of this Code and the FFPC, shall be created against the person responsible for maintaining the building or area where such violation exists. Rejections shall include specific reference to the Code Section upon which rejection is based in writing.

F-103.2.5 Right of Entry. Upon presentation of proper credentials, the Fire Chief, Fire Marshal/Fire Code Official, or their duly authorized representative may enter, at any reasonable time, any building, structure or premises for the purpose of making any inspection or investigation, which under the Fire Protection Provisions of this Code and the FFPC.

F-103.2.6 Stop-Work Orders. If the Fire Chief becomes aware of a hazardous condition, which presents immediate danger to life, work being done contrary to this code or FFPC, work without permit, they shall be authorized to order the hazard removed or remedied immediately, and shall be empowered to order the closing of the building or place where such danger to life violation exists, until such time as same has been corrected. Any failure of immediate compliance shall empower the Fire Chief, or their duly authorized representative finding such hazardous condition creating

FFPC 6th Edition Broward County Local Amendments

immediate danger to life, to close such building or cause same to be closed and the people herein evacuated and barred from reentering until such time as such immediate danger to life, work being done contrary to this code or FFPC, work without permit, has been corrected. The Fire Chief, or their duly authorized representative is given the authority to order any gas company, power company, or other utility company, to disconnect its service to any building or buildings containing gas or power installations, where such installations, in the opinion of the Fire Chief, or their duly authorized representative creates an immediate danger to life, work being done contrary to this code or FFPC, work without permit, and to otherwise close or evacuate such building and to bar reentry thereto, until such installation is repaired or replaced and such hazard to life ceases to exist. Rejections shall include specific reference to the Code Section upon which rejection is based in writing.

F-103.2.7 The Fire Chief or their duly authorized representative upon the complaint of any person or whenever they shall deem it necessary, shall inspect any buildings and premises within their jurisdiction.

F-103.2.8 Approval of the Fire Service Provider/Fire Department accessibility and all tests of fire alarm detection and suppression systems, smoke evacuation systems and life safety systems shall be conducted prior to final structural inspection and issuance of Certificate of Occupancy.

F-103.2.9 Orders To Eliminate Dangerous Or Hazardous Conditions: Whenever the Fire Chief or their duly authorized representative shall find in any building or upon any premises, dangerous or hazardous conditions or materials, including, but not limited to violations of the requirements encompassed in Chapter 633, Florida Statutes, or the following Paragraphs they shall order such violations and dangerous conditions or materials removed or remedied.

F-103.2.9.1 Dangerous or unlawful amounts of combustible or explosive or otherwise hazardous materials.

F-103.2.9.2 Hazardous conditions arising from defective or improperly installed equipment for handling or using combustible or explosive or otherwise hazardous materials.

F-103.2.9.3 Dangerous accumulation of rubbish, wastepaper, boxes, shavings, or other flammable materials.

F-103.2.9.4 Accumulations of dust or waste material in air conditioning or ventilation systems or of grease in kitchen or other exhaust ducts.

F-103.2.9.5 Hurricane Protection Devices

After the termination of such periods of time that had been designated by the National Weather Service as being a hurricane watch or warning, hurricane protective devices installed on occupied buildings which impede required egress or required light and ventilation shall be removed within 15 days.

F-103.2.9.6 Obstructions to, on, or under fire escapes, stairs, passageways, or doors, liable to interfere with the operations of the Fire Service Provider/Fire Department or egress of occupants; locked exits shall constitute an unsafe condition.

Exception: unless permitted by the Fire Protection Provisions of this Code and the FFPC.

F-103.2.9.7 Obstruction to windows. Where windows are required to provide the second means of escape from a room or area, the following are prohibited.

F-103.2.9.7.1 Bars that cannot be opened from the inside.

F-103.2.9.7.2 Other obstructions such as security grill.

Exception: Only one (1) window is required to meet the above where two (2) windows are in the same room or area.

F-103.2.9.8 Reserved

F-103.2.9.9 Reserved

F-103.2.9.10 Any building or other structure which, for want of repairs, lack of adequate exit facilities, automatic or other fire alarm apparatus or fire extinguishing equipment, or by reason of age or dilapidated condition, or from any other cause, create a hazardous condition.

F-103.2.9.11 Reserved

F-103.2.9.12 The improper storage, transporting or handling of all classes of flammable or combustible liquids or otherwise hazardous substances any place within the enforcing jurisdiction.

F-103.3 Certification of Fire Marshal/Fire Code Official. The Fire Marshal/Fire Code Official shall be certified by BORA as a Fire Code Official, be a certified Firefighter as defined by 69A-37 as refereed to collectively (parts 1 and 2) as the "Minimum Standards Course", be a State certified Fire Inspector, and shall meet one or more of the following qualifications:

F-103.3.1 An Engineer and/or a Degree in Fire Science and/or a Degree in Fire Prevention and shall have been employed as a County or City Fire Inspector for three (3) years within the State of Florida and shall possess a Broward County Certification.

FFPC 6th Edition Broward County Local Amendments

F-103.3.2 A County or City Fire Plans Examiner with at least five (5) years of experience within the State of Florida and shall possess a Broward County Certification.

F-103.3.3 Ten (10) years' experience as a Fire Inspector, employed in a County or City within the State of Florida with at least five (5) years of experience within the jurisdiction of the FFPC and be a Broward County Certified Fire Inspector.

F-103.3.4 Have been fulfilling the duties of a Fire Marshal/Fire Code Official with five (5) years continuous service as such within a County or City in the State of Florida and shall possess a Broward County Certification.

F-103.3.5 Possesses a certification issued by the State Fire Marshal as a Fire Code Manager/Administrator in accordance with NFPA 1037 with a total of six (6) years' experience with a County or City as a fire plans examiner and inspector in Florida; and shall possess a Broward County Certification.

F-103.3.6 Three (3) years' experience as a Broward County Certified Plans Examiner and nationally certified as an NFPA Certified Fire Inspector 1 (CFI-1), NFPA Certified Fire Plans Examiner (CFPE) and NFPA Certified Fire Protection Specialist (CFPS).

F-103.4 Fire Plans Examiner. As set forth herein:

F-103.4.1 Appointment of a Fire Plans Examiner. There shall be appointed by the Fire Chief of each Fire Service Provider/Fire Department certain fire prevention personnel to be qualified as set forth in this Chapter as part of the FFPC to serve as a Fire Plans Examiner. To be eligible for appointment as a Fire Plans Examiner, such person shall be certified by BORA.

F-103.4.2 Powers and Duties of the Fire Plans Examiner. Such employee shall have the duties and powers as delegated by the Fire Chief except that the Fire Chief may not delegate authority to subordinates to interpret provisions of the Fire Protection Provisions of this Code, FFPC, and all Fire Codes which authority is assigned to the Fire Marshal/Fire Code Official. A Fire Plans Examiner, if properly qualified, may be certified and assigned duties in more than one category. Prior to the issuance of any permit for construction, erection, alterations, repair, or demolition, the Fire Plans Examiner shall review all plans and/or specifications in conjunction with the Building Department. One and two family detached residential dwelling units shall not be subject to provisions found in NFPA 101 during plan review by the Fire Plans Examiner as described in this section or inspection by the Fire Plans Examiner as described in F.S. 633. When approvals by other agencies having authority may logically be required to be affixed to the plans and/or specifications before approval by the Fire Plans Examiner, such approval shall be affixed to the plans and/or specifications before examination by the Fire Plans Examiner. If the application or plans and/or specifications do not conform to the requirements of all pertinent laws or regulations, the Fire Plans Examiner shall reject such application in writing, stating the reasons therefore and citing the relevant code section(s) of the FFPC. Plans and/or specifications that are rejected, as stated herein above, shall be returned for correction. Pen notations on mechanically reproduced plans and/or specifications may be accepted for

only minor corrections. If the applications, plans and/or specifications, upon examination, are found to comply with the requirements of the Fire Protection Provisions of this Code, the FFPC, and all Fire Codes, the plans and/or specifications shall be signed and marked approved. Fire Service Provider/Fire Department acceptance of fire and life safety features in buildings after performance objectives are met is required, prior to certificate of occupancy being issued.

Nothing in this section shall be construed to provide an exemption from fire plan review for one and two family detached residential dwelling units which undergo a change in use or occupancy classification.

F-103.4.3 Certification of a Fire Plans Examiner. The Fire Plans Examiner shall be certified by BORA as a Fire Plans Examiner, shall be a certified Firefighter as defined by 69A-37 as referred to collectively (parts 1 and 2) as the "Minimum Standards Course", be a State certified Fire Inspector, and shall meet one or more of the following qualifications:

F-103.4.3.1 An Engineer and/or a Degree in Fire Science, and/or a Degree in Fire Prevention and having a minimum of three (3) years as a fire plans examiner with a County or City within the state of Florida and shall be Broward County Certified.

F-103.4.3.2 Five (5) years of experience as a Fire Inspector employed with a County or City in the State of Florida and shall be Broward County certified.

F-103.4.3.3 Ten (10) years of experience as a firefighter, four (4) years as a state certified fire inspectors employed with a County or City having fulfilled the duties of a fire inspector and shall be a Broward County certified.

F-103.4.3.4 Have been fulfilling the duties of a Fire Plans Examiner with five (5) years continuous service within the State of Florida and be Broward County certified.

F-103.4.3.5 Three (3) years' experience as a Broward County and State of Florida Certified Fire Inspector and nationally certified as an NFPA Certified Fire Inspector (CFI-1) and NFPA Certified Fire Plans Examiner (CFPE) and be Broward County certified.

F-103.5 Fire Inspector. As set forth herein:

F-103.5.1 Appointment of a Fire Inspector. There shall be appointed by the Fire Chief of each Fire Service Provider/Fire Department certain fire prevention personnel to be qualified as set forth in this Chapter as part of the FFPC to serve as a Fire Inspector. To be eligible for appointment as a Fire Inspector, such person shall be certified by BORA.

F-103.5.2 Powers and Duties of the Fire Inspector. Such employee shall have the duties and powers as delegated by the Fire Chief except that the Fire Chief may not delegate authority to subordinates to interpret the Fire Protection provisions of this Code, the FFPC, and all Fire Codes which authority is assigned to the Fire Marshal/Fire Code Official. A Fire Inspector, if properly qualified, may be certified and

FFPC 6th Edition Broward County Local Amendments

assigned duties in more than one category. Under the Fire Chief's direction, the Fire Inspector shall enforce all local ordinances of the jurisdiction pertinent to the prevention of fires, suppression or extinguishing of fires, storage, use and handling of explosive, flammable, combustible, toxic, corrosive and other hazardous gaseous, solid and liquid materials. The inspection of equipment and maintenance of automatic, manual, other fire alarm systems, fire extinguishing equipment, and the maintenance and regulation of fire escapes. The maintenance of fire protection and the elimination of fire hazards on land and in buildings, structures and other property, including those under construction. The means and adequacy of each exit in the event of fire or similar emergency, from factories, schools, hotels, lodging houses, asylums, hospitals, churches, halls, theaters, amphitheaters and all other places in which people work, live or congregate from time to time for any purpose. The investigation of the origin, cause, and circumstances of fire(s). If defects, omissions or violations exist on any other part of the system relating to work for which approval is requested, the issuance of the Approval shall be withheld until corrections have been made to the defective portion of the system, and the same are made to comply with this Fire Code. The Fire Inspector shall serve notice to the Fire Contractor/representative or owner/representative in writing, stating the reasons therefore and citing the relevant code section(s).

F-103.5.3 Certification of a Fire Inspector. Application for certification shall be on a form containing such pertinent information as is considered relevant to BORA. To be eligible for appointment as Fire Inspector, such person shall be certified by BORA and shall meet the following qualifications:

F-103.5.3.1 Be a certified Firefighter as defined by 69A-37 as referred to collectively (parts 1 and 2) as the "Minimum Standards Course" and shall be a state certified Fire Inspector.

Exception: At Fire Chief's discretion, a person may be given up to eighteen (18) months to become a Florida Certified Firefighter, from the date of hire.

F-103.5.3.2 Pass a written competency examination approved by BORA, to be given in May and November (only one (1) required) of each year, or the test may be given when requested by at least three (3) applicants.

F-103.5.3.3 Retention;

Individuals currently certified under this code may, at their separation date from a local fire department as an inspector place their certification in a non-active status for one FFPC code cycle or a period of four (4) years whichever is longer, by notifying the Board of Rules and Appeals in writing of their selection. During this period the individual shall maintain continuing educational credits in Fire Prevention in the amount of 60 hours as required for renewal. At the conclusion of the code cycle or four (4) year period, as stated above the individual previously holding a certification in a non-active status will become null and void unless the provisions for recertification are met at the conclusion of the code cycle or four (4) year period.

F-103.6 Certification. All Fire Service Provider/Fire Department Inspection Personnel shall be certified by BORA.

F-103.6.1 Certification Fee: If applicable, each application shall be accompanied by a check in the amount appropriate for each discipline according to the BORA Fee Schedule for Certification, payable to "Broward County Commissioners."

F-103.6.2 Broward County Certification is valid for a period of four years and shall expire on the same date as their State of Florida Fire Inspector Certification.

F-103.6.3 The certification of Fire Service Provider/Fire Department Inspection Personnel may be revoked, for cause, by BORA. BORA may deny, refuse to renew, suspend, or revoke the BORA certificate of a Fire Marshal/Fire Code Official, Fire Plans Examiner, or Fire Inspector if it finds that any of the following grounds exist:

A) Any cause for which issuance of a certificate could have been refused had it then existed and been known to BORA.

B) Violation of Florida Statutes 633 or any local fire code amendments.

C) Falsification of records relating to the certificate.

D) Having been found guilty of or having pleaded guilty or nolo contendere to a felony, whether or not a judgment of conviction has been entered.

E) Failure to meet any of the renewal requirements.

F) Having been convicted of a crime in any jurisdiction which directly relates to the practice of the fire code inspection, plan review, or administration.

G) Making or filing a report or record that the certificate holder knows to be false, or knowingly inducing another to file a false report or record, or knowingly failing to file a report or record required by the state or local law, or knowingly impeding or obstructing such filings, or knowingly inducing another person to impede or obstruct such filing.

H) Failure to properly enforce applicable fire codes or permit requirements within this state which the certificate holder knows are applicable by committing willful misconduct, gross negligence, gross misconduct, repeated negligence, or negligence resulting in a significant danger to life or property.

I) Accepting labor, service, or materials at no charge or at a noncompetitive rate from any person who performs work that is under the enforcement authority of the certificate holder and who is not an immediate family member of the certificate holder. For the purpose of this paragraph, the term "immediate family member" means a spouse, child, parent, sibling, grandparent, aunt, uncle, or first cousin of the person or the person's spouse or any person who resides in the primary residence of the certificate holder. BORA upon verification of the above grounds, shall immediately notify the Fire Marshal, Fire Code Official, Fire Plans Examiner, and/ or Fire Inspector involved, who, upon notification from BORA, shall appear before the Board to

FFPC 6th Edition Broward County Local Amendments

explain why their certification should not be revoked.

F-103.6.4 Personnel assigned to the bureau as Fire Inspectors shall be State of Florida Certified Firefighters *(see 18 month exception)*, State of Florida Certified Fire Inspectors. For certification refer to Florida State Statute 633. Individuals being considered for appointment will be required to complete an affidavit of compliance with 71-575 (see Board policy 14-02)

F-103.7 Recertification. All Fire Service Provider/Fire Department Inspection Personnel shall be recertified by BORA.

F-103.7.1 To be recertified all Fire Marshal/Fire Code Officials, Fire Plans Examiners, Fire Inspectors or a combination thereof who are presently certified by BORA, shall meet the following criteria:

F-103.7.1.1 Be presently employed by a governmental fire entity within Broward County.

F-103.7.1.2 Recertification shall have the same anniversary date as provided in Florida Statutes, Chapter 633, with the completion of sixty (60) contact hours in continuing education every four (4) consecutive years on Fire Protection and Fire Safety, which are approved by BORA.

F-103.7.1.3 Personnel assigned to the bureau as Fire Inspectors shall be State of Florida Certified Firefighters, and State of Florida Certified Fire Inspectors. For certification or recertification refer to Florida State Statute 633.

F-103.7.2 If certification is not renewed and allowed to lapse, application for recertification shall be accompanied with proof that (15) contact hours per year, in the preceding 4 years in continuing education has been met. Attendance at the BORA meetings and/or the BORA committee meetings shall be counted as one (1) hour for a maximum of fifteen (15) county required contact hours within a four (4) year renewal period.

If the certification is not renewed within 8 years, the individual must retake the state fire safety inspectors training and take the local fire exam and shall be on a form containing such pertinent information as is considered relevant to BORA. Individuals being considered for recertification will be required to complete an affidavit of compliance with 71-575 (see Board policy 14-02)

F-103.7.3 Recertification Fee: If applicable, each application shall be accompanied by a check in the amount appropriate for each discipline according to the BORA Fee Schedule for Recertification, payable to "Broward County Commissioners."

SECTION F-104

Broward County Board of Rules and Appeals

F-104 Broward County Board of Rules and Appeals.

F-104.1 The Broward County Board of Rules and Appeals shall maintain a staff position to coordinate the enforcement of the Fire Protection Provisions of this Code, the FFPC, and all

Fire Codes thereto. This person shall be known as the Chief Fire Prevention Code Compliance Officer and shall be certified as Fire Marshal/Fire Code Official. It is recommended that the individual under consideration for Fire Code Compliance Officer have at a minimum four years documented as a Fire Code Official / Fire Marshal.

F104.2 The Fire Code Compliance Officer shall have the authority to make inspections in the discipline and shall be responsible to see that the Fire Protection Provisions of this Code, the FFPC, and all Fire Codes are being uniformly enforced by all AHJs (building and Fire Service Provider/Fire Department in Broward County).

SECTION F-105

Broward County Fire Code Committee

F-105 Broward County Fire Code Committee:

F-105.1 In order to determine the suitability of alternate materials and type of construction, to provide for reasonable interpretations of the Fire Protection Provisions of this Code, the FFPC, and all Fire Codes, and to assist in the control of the life/safety in buildings and structures, there is hereby created a Broward County Fire Code Committee, to make recommendations to BORA.

F-105.2 Membership: The BCFCC shall consist of:

1. One Mechanical Engineer, Florida P.E.
2. One Architect, Florida Registered
3. One Fire Sprinkler Contractor
4. One Representative of Persons with disabilities
5. One Master Electrician
6. Four Fire Service (Florida Certified Fire Inspectors)
7. One Fire Service Member of the Board of Rules and Appeals
8. One Contractor, Certified to Install Fire Alarms
9. One General Contractor
10. One Florida P.E., Electrical Discipline
11. One Mechanical Contractor
12. One Consumer Advocate
- 13 One Florida P.E., Structural Discipline,
- 14 One Chief Plumbing Inspector

FFPC 6th Edition Broward County Local Amendments

F-105.3 Membership, such as membership of the BCFCC, will be for one year (with members being able to succeed themselves through reappointment by BORA Chairperson). The Chairperson of BORA will select all members, including the Chairperson of the BCFCC. The Chairperson of the BCFCC shall be a Fire Service member of BORA.

F-105.4 Appeals from the Decisions of the Fire Chief and/or Building Official:

F-105.4.1 The BCFCC shall review all appeals from the decisions of the Fire Chief and/or Building Official wherein such decision is on matters regulated by the Fire Protection Provisions of this Code, the FFPC, and all Fire Codes. Appeals can be submitted by any person who has reason to believe they have been subjected to unreasonable enforcement of the Fire Protection Provisions of this Code, the FFPC, and all Fire Codes.

F-105.4.2 Procedures for Appeals: The BCFCC shall review the appeal prior to hearing by BORA and shall make recommendations to BORA for resolution of the appeal. BORA shall then hear the appeal and make a final ruling.

F-105.4.3 Decisions by the BOARD related to an appeal of the FFPC can be challenged by submitting a request for a Declaratory Statement to the State Fire Marshal's Office.

F-105.5 Procedures in County Court /Code Enforcement Board:

When charges are filed based upon a violation under this code, such charges, prepared under the direction of the city, state, or county attorney and shall be heard by a county judge or Code Enforcement Board, within the time prescribed under county court procedures or Code Enforcement Board. Such conditions shall constitute an immediate danger to life.

SECTION F-106

Authority Fire Chief, Fire Marshal/Fire Code Official, or his/her duly authorized representative

F-106 Authority:

F-106.1 The Fire Chief, Fire Marshal/Fire Code Official, or their duly authorized representative shall investigate the origin, cause, and circumstances of every fire occurring within their AHJ. Such investigation shall begin immediately upon the occurrence of a fire, and the Fire Chief, Fire Marshal/Fire Code Official, or their duly authorized representative shall be immediately notified of the facts. The Fire Chief, Fire Marshal/Fire Code Official, or their duly authorized representative shall take charge immediately of the physical evidence and shall notify the proper authorities designated by law to pursue the investigation of such matters. The Fire Chief, Fire Marshal/Fire Code Official, or their duly authorized representative shall further cooperate with the

authorities in the collection of evidence and in the prosecution of the case.

F-106.2 Notices and Orders. The Fire Chief, Fire Marshal/Fire Code Official or Fire Code Manager/Administrator, or their duly authorized representative shall issue all necessary notices or orders to ensure compliance with the Fire Protection Provisions of this Code, the FFPC, and all Fire Codes.

F-106.2.1 A building, structure, occupancy, premises, or vehicle shall not be used when in violation of the Fire Protection Provisions of this Code, the FFPC, and all Fire Codes.

F-106.2.2 Unlawful Continuance of Fire/Life Safety Hazard: Any person or persons operating or maintaining any occupancy, premises or vehicle subject to this Code who shall permit any fire and/or life safety hazard to exist on premises or property under their control, and who shall fail to take immediate action to abate such hazards, when ordered or notified to do so by the Fire Chief, Fire Marshal/Fire Code Official, or their duly authorized representative, shall be guilty of a second degree misdemeanor. Criminal enforcement of the Fire Protection Provisions of this Code, the FFPC, and all Fire Codes shall remain with local law enforcement departments and officials charged with enforcement of the criminal laws of the State.

F-106.2.3 Concealed Work: The Building Official or his/her duly authorized representative and/or Fire Marshal/Fire Code Official or their duly authorized representative may order portions of the structure frame of a building and/or structure to be exposed for inspection when, in his/her opinion, there is a good reason to believe that a building or portion thereof is in an unsafe or dangerous condition or that there is willful or negligent concealment of a violation of this Code, the Fire Protection Provisions of this Code, the FFPC, and all Fire Codes.

F-106.3 Removal or Destruction of Signs or Tags:

F-106.3.1 It shall be unlawful to remove or tamper with any seal, warning tag, or lock placed on an article, appliance, vehicle, meter, tank, or building by the building department or the Fire Service Provider/Fire Department, without first obtaining permission to do so by the AHJ

F-106.3.2 It shall be unlawful for any person to tamper with or change the position of any utility valve, switch, wiring, piping, meter, or connection, or alter any utility service in any way, unless properly authorized to do so.

SECTION F-107 Standby Fire Watch

F-107 Standby Fire Watch:

F-107.1 Whenever in the opinion of the Fire Chief, Fire Marshal/Fire Code Official, or their duly authorized

FFPC 6th Edition Broward County Local Amendments

representative, when a potentially hazardous condition or a reduction in life safety features, due to the number of persons, or the nature of the performance, exhibition, display, contest or activity, the Fire Chief or their duly authorized representative may require the owner, agent or lessee to employ one or more certified Fire Inspectors or Firefighters, as required and approved by the Fire Chief, to be on duty at such place. Said Fire Inspectors/Firefighters shall be subject to the Fire Chief's and/or their duly authorized representative orders at all times, when so employed, and remain on duty during the times such places are open to the public, or when such activity is being conducted. The Fire Chief may allow the use of other trained individuals to serve as an alternative to a Fire inspector / Fire Fighters requirement. Before each performance or the start of such activity, said Fire Inspector/Firefighter or others allowed by the Fire Chief shall inspect all required fire/life safety equipment, to insure that such equipment is in proper working order, and shall keep diligent watch for any emergency that should arise. Should any emergency arise, the Fire Inspector/Firefighter or others allowed by the Fire Chief shall take whatever action necessary to protect the occupants and public from injury or any life-threatening condition.

SECTION F-108

Tents, Membrane Structures, Temporary Structures and Uses

F-108 Tents and Membrane Structures

F-108.1 For the purpose of this Section, a place of assembly shall include any circus, sideshow, carnival, tent show, theater, skating rink, dance hall or any other exhibition, production, engagement or offering, or other place of assembly in or under which 50 or more persons may gather for any purpose.

F-108.1.1 General. The Building Official or Fire Code Official is authorized to issue a permit for the erection of temporary structures such as seats, canopies, tents and fences used in construction work or for temporary purposes such as reviewing stands. Such permits shall be limited as to time of service, but shall not be permitted for more than 180 days. Such structures shall be completely removed upon the expiration of permit.

- a) Temporary structures, such as tents with sides, exceeding 100 sq./ft., and canopies without sides exceeding 225 sq./ft., containing occupancy or operations that could present a life safety hazard to occupants and/or the general public based on the opinion of the Fire Code Official, shall be required to have a permit issued in conformance with permitting section of Chapter 1 and this code and be in conformance with the Life Safety provisions of this code and the Florida Building Code.

F-108.1.2 Reserved

F-108.1.3 Conformance.

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

F-108.2 Parking of Vehicles: Automotive equipment that is not necessary to the operation of the tent show performance shall not be parked within 20 feet of the tent or membrane structure. No other automotive equipment or internal combustion engines shall be located within 50 feet of the tent except upon a public street.

F-108.3 Smoking and Open Flame:

F-108.3.2 An approved receptacle for the disposal of lighted smoking materials shall be provided at all entrances to tents and membrane structures.

F-108.4 Fire Extinguishers and other Fire-Protection Equipment: Fire extinguishers and other fire protection equipment shall be provided in every tent or membrane structure as follows:

F-108.4.1 A minimum of one 4A-10B:C type extinguisher shall be provided in every tent or air supported structure having a floor area less than 2,000 square feet and also one in each additional 2,000 square feet or fraction thereof.

F-108.4.2 At least one 40-B:C type fire extinguisher shall be provided for each power generator or transformer and at locations where flammable or combustible liquids are used, stored or dispensed.

F-108.5 Storage of Flammable or Combustible Liquids:

Flammable or combustible liquid shall not be stored in a tent or membrane structure nor less than 50 feet from any tent or membrane structure.

F-108.6 Housekeeping: Hay, straw, trash and other flammable material shall not be stored less than 35 feet from any tent or membrane structure, except as authorized by the authority having jurisdiction.

F-108.7 Seating Arrangements:

F-108.7.1 Bonding of chairs. All loose seats, folding chairs or similar seating facilities that are not fixed to the floor shall be bonded together in groups of not less than six. Exceptions:

- (1) When not more than 500 such seats, chairs or facilities are

FFPC 6th Edition Broward County Local Amendments

provided, bonding thereof may be deleted.

(2) The bonding of chairs shall not be required when tables are provided, as when the occupancy is used for dining or similar purposes.

F-108.7.2 Securing of chairs, folding and telescoping seat seating, reviewing stands, grandstands, and bleachers shall be in accordance with NFPA 102.

F-108.8 Awnings, Tents and Canopies:

F-108.8.1 Awnings, tents, canopies, and similar products whether attached or detached from a building shall have a flame spread rating of 25 or less.

F-108.9 Vehicular Access:

F-108.9.1 Fire access roads shall be surfaced with solid pavement, grass turf reinforced by concrete grids, or by similar type surfaces approved by the authority having jurisdiction, designed to accommodate fire apparatus weighing a minimum of 32 tons.

F-108.9.2 Buildings having ramps and/or elevated roadways shall have posted weight limit signs showing maximum load capacity.

F-108.10 Vehicles on Display:

F-108.10.1 When vehicles are on display inside any occupancy group other than an automobile show room it shall comply with the provisions listed in NFPA 1, 20.1.5.5.4.12

SECTION F-109 RESERVED

SECTION F-110 Reserved

SECTION F-111

Test Criteria for Mechanical Smoke Control Systems

F-111 Initial Acceptance Test Criteria and Periodic Testing of Mechanical Smoke Control Systems:

Test Criteria for Mechanical Smoke Control Systems shall be stated on the mechanical plans.

F-111.1 The following shall receive notice from the Mechanical Contractor so that they may witness the system's performance test:

F-111.1.1 Fire Service AHJ.

F-111.1.2 Building Department (Mechanical) AHJ. .

F-111.1.3 Periodic Testing:

All smoke control systems shall be retested as per the provisions found in the FFPC by a firm (test and balance) possessing a certificate of competency as a test and balance contractor for smoke control systems as required in Broward County Ordinances, Chapter 9 and Broward Local Administrative Provisions Chapter 1 of the FBC and shall be approved by the local AHJ. The smoke control system shall be retested without smoke, in both the manual and automatic modes per the sequence of operation. The annual periodic testing and balancing results shall be provided in a certified test and balance report to the Fire Service Provider/Fire Department AHJ, who shall consult with the Chief Mechanical Inspector

At a minimum the annual periodic test report shall contain the following information;

- 1) All smoke control system air movement equipment and if operating as intended.
- 2) Retest voltage.
- 3) Retest amperage.
- 4) Retest RPM if applicable.
- 5) All smoke control system control dampers shall be identified and if operating as intended.
- 6) All smoke zone differential pressures at egress exit doors (egress doors shall have no more than 30 lbf on break and 15 lbf on swing.

SECTION F-112

Automatic Sprinklers Required

F-112 Automatic Sprinklers Required:

F-112.1 Fire flow testing of a water supply for an Automatic Fire Protection Systems (AFPS) and/or Standpipe System using water as an extinguishing agent for new and existing buildings and structures shall be in accordance with NFPA 291, Recommended Practice for Fire Flow Testing and Marking of Hydrants, Florida Administrative Code (FAC) 69A-60.

F-112.2 The following occupancies shall be protected throughout by an approved automatic sprinkler system installed in accordance with NFPA 13.

FFPC 6th Edition Broward County Local Amendments

F-112.2.1 Storage.

In existing storage occupancies (other than parking garages and high-piled combustible storage) used for the storage of combustible goods or merchandise and exceeding 20,000 square feet per floor.

F-112.2.4 Industrial Occupancies:

All existing industrial occupancies exceeding 15,000 square feet per floor.

F-112.3 Reserved

F-112.4 Where automatic fire sprinkler systems are installed, the location of the Fire Service Provider/Fire Department connection shall be approved by the Fire Service Provider/Fire Department having jurisdiction.

F-112.5 Limited Access Structures

F-112.5.1 Where automatic fire sprinklers are installed in new Mini Storage Buildings, fire department emergency access openings acceptable to the AHJ shall also be provided. The emergency access openings shall not be less than the dimensions referenced in the Life Safety Code for Underground and Limited Access Structures.

SECTION F-113 Corridors

F-113 Corridors.

Where exterior corridors or exterior balconies serving as a required means of egress are enclosed on both sides and above, and the length of the enclosure along the long axis is twenty-five (25) feet or more, fire-resistivity of walls and the protection of openings therein shall be required as if such corridors or balconies were enclosed interior corridors.

SECTION F-114 Reserved

SECTION F-115 RESERVED

SECTION F-116

Flammable and Combustible Liquids

F-116 Flammable and Combustible Liquids.

F-116.1 Underground Storage and Dispensing of Flammable/Combustible Liquids:

Underground tanks used to store flammable liquids shall bear an Underwriters' label or equivalent testing agency. Tank capacity for underground installations shall be limited to thirty thousand (30,000) gallons or less. Any tank to be installed shall be jointly approved in writing by the Fire Chief, Building Official, the director of zoning, and/or their duly authorized representative, after an appropriate review has been

conducted. Such review includes, but is not limited to, an analysis of the proposed installation, location, distance separations, types of occupancies in the vicinity, tank corrosion protection and construction, and applicable zoning restrictions. The maximum storage capacity in any one location shall not exceed an aggregate total of one hundred thousand (100,000) gallons unless approved by the local Fire Code Official. Any property or facility requesting installation of tanks exceeding an aggregate capacity of sixty thousand (60,000) gallons of flammable liquids shall comply with the following additional requirements:

- 1) The property must be of suitable size, shape and topography to allow for the safe installation of the proposed tanks and be in compliance with location requirements identified in other sections of the NFPA, state and local fire codes; and
- 2) The facility must have an attendant on site during hours of operation; and
- 3) The facility must be continuously monitored, either by an on-site attendant or a third party when the facility is not in operation; and
- 4) The operator must provide evidence of an employee training program for on-site attendants that educates concerning all on-site equipment, including life safety equipment and emergency response procedures; and
- 5) The facility must provide additional emergency shut-off stations for ready accessibility by on-site attendants and the public; and
- 6) Station operator shall submit an emergency response plan for review and approval prior to issuance of permits for operations of the facility. The emergency response plan shall, at a minimum, provide emergency contact information and notification requirements, fire prevention and control equipment employed at the site, monitoring requirements and plans and procedures for mitigating release of hazardous materials, as well as all other information required by applicable governing and permitting agencies.

When flammable liquids are stored in more than one location, tanks shall not be interconnected between locations.

Exception: Broward County Office of Transportation's Transit Operations and municipal, county and special districts having underground bulk fuel storage facilities shall comply with the provisions of NFPA 30. Aggregate Limitations of Flammable and Combustible Liquids as per the F- 116.1 shall not apply. Permit shall be reviewed for compliance by the local Fire Service Provider/Fire Department having Jurisdiction.

FFPC 6th Edition Broward County Local Amendments

F-116.1.1 Underground tanks out of service for a period of one year shall be removed. Underground tanks may be abandoned in place only if approved by the Fire Service Provider/Fire Department having jurisdiction.

F-116.2 Storage and Use on Site of Combustible Liquids Used for Fixed Equipment Shall Be Under the Following Requirements:

F-116.2.1 Aboveground installation of single-wall tanks shall comply with NFPA 30 and the following additional requirements:

F-116.2.1.1 Above ground tanks having a capacity in gallons greater than 10,000 shall be approved by zoning and local AHJ.

Exception: Municipal, County and Special Districts installing aboveground fuel storage tanks for fixed equipment for providing governmental services. Permit shall be reviewed for compliance by the local Fire Service Provider/Fire Department AHJ .

F-116.2.1.2 Tanks shall be surrounded with an embankment or impervious dike not less than four feet high and capable of holding not less than one and one half times the capacity of the tank surrounded. Embankments or dikes shall be continuous, with no opening for piping or roadways.

F-116.2.2 All aboveground storage tanks shall be identified by a suitable sign which will state type of fuel and capacity of the tank.

F-116.2.3 Tanks used for stationary combustion engines and gas turbines shall comply with NFPA 37, as adopted in FAC 69A-60, Standard for the

Installation and Use of Stationary Combustion Engines and Gas Turbines.

F-116.2.4 Distance separation between aboveground storage tanks and property lines and buildings shall be as specified in Table F-116.2.4 below:

Table F-116.2.4

Capacity in Gallons	To line of adjoining unprotected building or property which may be built upon	To line of adjoining protected buildings	To line of existing frame buildings
1,000	12 feet	8 feet	20 feet
2,000	20 feet	15 feet	40 feet
3,000	20 feet	15 feet	40 feet
10,000	30 feet	20 feet	50 feet

F-116.3 Aboveground Storage for Dispensing of Flammable and Combustible Liquids from UL listed 142 (double wall), 2085 or Equivalent Tanks:

F-116.3.1 Aboveground storage of flammable and combustible liquids shall be approved by the Fire Chief, Building Official, and/or their duly authorized representative after an appropriate review has been conducted. Such review includes, but is not limited to, an analysis of the proposed installation, location, distance separations, types of occupancies in the vicinity, tank corrosion protection and construction, and applicable zoning restrictions. The maximum storage capacity in any one location shall not exceed an aggregate total of 12,000 gallons. Aboveground storage of flammable and combustible liquids shall comply with the following regulations:

Exception: Municipal, county and special districts having aboveground fuel storage facilities shall comply with the provisions of NFPA 30. Aggregate Limitations of Flammable and Combustible Liquids as per F116.3.1 shall not apply. Permit shall be reviewed for compliance by the local Fire Service Provider/Fire Department AHJ .

F-116.3.1.1 The provisions in this Section shall not supersede any zoning standard that might regulate or eliminate the use of aboveground storage tanks.

F-116.3.1.2 Aboveground Tanks containing flammable and combustible liquids shall be in approved fire resistive tank enclosure assemblies.

F-116.3.1.2.1 A fire resistive tank enclosure assembly storing flammable liquids shall consist of a tank bearing an Underwriters' label 142, 2085 or an equivalent testing criteria by an approved testing agency. A single tank or combination of tanks shall not exceed 12,000 gallons at one site.

F-116.3.1.3 The tank assembly shall be installed upon a minimum four-inch (4") slab, meeting requirements of the manufacturer's specifications. Each tank assembly shall be anchored to withstand uplifting by flooding or storm surges, including when the tank is empty.

F-116.3.1.4 Area around tank assembly shall be maintained free of combustible waste, debris and all types of storage. Any tank assembly exposed to vehicular traffic shall have collision barrier posts installed on all corners and sides so exposed and shall not be spaced more than four feet (4') apart, center to center. Fire Marshal/Fire Code Official, or their duly authorized representative, may require the installation of collision barrier posts, even if the clearance guidelines can be achieved.

FFPC 6th Edition Broward County Local Amendments

F-116.3.1.5 Dispensing devices are allowed to be installed on top of the tank enclosure assembly. Any such device dispensing Class 1 liquids shall have installed on the fill hose, a UL listed emergency breakaway device designed not to lose liquid from either side of the breakaway point. All product piping attached to the tank enclosure assembly shall be double walled, contain a shear valve or equivalent, and shall be installed by an authorized pollutant storage system specialty contractor. External piping leading away from the tank shall have a valve located within six inches (6") to the shell of the tank. Approved antisiphon devices shall be installed at each connection of piping to a tank when such piping extends below the level of the top of such tanks both internally and externally. All underground pipe work shall be uncovered until inspected by building and Fire Service Provider/Fire Departments, and other regulatory agencies.

Exception: Factory installed piping does not have to be installed by an authorized pollutant storage system specialty contractor.

F-116.3.1.6 Aboveground tank assemblies temporarily out-of-service for a period not exceeding ninety (90) days shall immediately have the fill, gauge openings and pump suction capped and secured against tampering. The vent lines shall be left open. Aboveground tank assemblies out-of-service for a period exceeding ninety (90) days, shall be removed. The property owner or agent shall notify the Fire Service Provider/Fire Department of any tanks out-of-service greater than 90 days.

F-116.4 Only Labeled and Listed Pumps Shall Be Used; Gravity Flow Pumps Are Prohibited. Fuel shall be drawn from aboveground storage tanks by pumps bearing the label of an Approved Testing Laboratory, such as Underwriters Laboratories, Inc. The use of pressure systems or gravity flow type pump systems is prohibited.

SECTION F-117 Dispensing Areas

F-117.1 Dispensing areas shall be provided with a vehicular driveway constructed of reinforced concrete. It shall be sloped to allow any accidental discharge from the dispensing of fluid to flow away from the dispenser or any building, and shall be subject to the approval of the Fire Marshal/Fire Code Official, or their duly authorized representative. This driveway shall be a minimum of twelve feet (12') wide and twenty feet (20') long, minimum. In every case, this driveway shall be large enough that the fuel hose, when fully extended, does not reach the far edge of the driveway.

F-117.2 A fire extinguisher with a minimum classification 4A-60BC shall be provided and so located that it will be not more than one hundred feet (100') from any pump, dispenser, or fill-pipe opening.

SECTION F-118 Flammable Liquid Storage at Port Everglades and the Fort Lauderdale-Hollywood International Airport

F-118.1 Aboveground storage of flammable liquids shall be permitted at Port Everglades and the Fort Lauderdale-Hollywood International Airport ("Airport"). All tank locations at the Airport shall be approved by the Broward County Fire Marshal/Fire Code Official, or their duly authorized representative, prior to the issuance of a permit to erect or install a tank.

F-118.2 All flammable liquid storage tanks at Port Everglades shall be constructed, installed and maintained in accordance with the Port Everglades Tariff Number 12 amendments thereto and reissues thereof.

SECTION F-119 Liquefied Petroleum Gases

F-119.1 Scope. This Section shall apply to the storage, handling and transportation of liquefied petroleum gas and the installation of all equipment pertinent to systems for such uses in addition to the requirements stated in NFPA-58, Storage and Handling of Liquefied Petroleum Gases.

F-119.2 Definition. Distributing Plant: A facility, the primary purpose of which is the distribution of gas, and which receives LP-Gas in tank car, truck transport or truck lots, distributing this gas to the end user by portable container (packaged) delivery, by tank truck or through gas piping. Such plants have bulk storage (2,000 gallons water capacity or more) and usually have container filing and truck loading facilities on the premises. Bulk plants are considered as being in this category. Normally no person other than plant management or plant employees shall have access to these facilities. Additionally, definitions contained in NFPA 58 shall apply.

F-119.4 Location of Containers and Limits:

F-119.4.1 All new liquefied petroleum gas storage installation and handling shall be in accordance with NFPA-58, the laws of the State of Florida, and all applicable rules, regulations, and ordinances of the AHJs.

F-119.4.2 Within the limits established by law restricting the storage of liquefied petroleum gas for the protection of heavily populated or congested commercial areas, the aggregate capacity of any one installation shall not exceed 2,000 gallons

FFPC 6th Edition Broward County Local Amendments

water capacity, except that in particular installations this capacity limit may be altered by the approval of the Fire AHJ after consideration of special features such as topographical conditions, nature of occupancy and proximity to buildings, capacity of proposed tanks, degree of private fire protection to be provided and facilities of the local Fire Department. The storage of liquefied petroleum gas shall conform to the provisions of the local zoning ordinance.

F-119.4.3 Where a distributing point is allowed, there shall be in attendance a qualified person to make the transfer of liquefied petroleum gas. This person shall have been trained by a licensed gas company and be in possession of documents certifying such training. The owner of the distributing point shall be licensed by Florida Department of Agriculture and Consumer Services – Visions of Consumer Services.

F-119.4.4 All plans for installations at distributing points shall be submitted to the AHJs for permits and approval. In addition, plans for locations at distributing points for fixed (stationary) installations of

- 1) 2,000 gallons individual water capacity, or
- 2) with the aggregate water capacity exceeding 4,000 gallons, or
- 3) Any installation, regardless of size, which will be used for resale to the public, shall be submitted to the Florida Department of Agriculture and Consumer Services – Visions of Consumer Services for approval and proper licensing, and be approved before the installation is started. Other safety precautions shall be adhered to as designated by the Fire Code Official/Fire Marshal, or their duly authorized representative.

F-119.4.5 An LP Gas storage tank shall not be installed on the same island used for gasoline or diesel fuel dispensing. A minimum distance of 25 feet shall be maintained between the LP gas storage tank and the flammable liquid dispensing devices.

F-119.4.6 A distributing plant, as defined in F-119.2, shall be prohibited unless approved by the Fire Code Official/Fire Marshal or their duly authorized representative, of the jurisdiction.

F-119.4.7 Multiple container installations with a total storage water capacity of more than 180,000 gallons (150,000 gallons LP-gas capacity) shall be subdivided into groups containing not more than 180,000 gallons in each group. Such groups shall be separated by a distance of not less than 50 feet, unless the tanks are:

- 1) buried or mounted in an approved manner, or

- 2) protected with approved insulation on such areas that may be subject to impingement of ignited gas from pipelines or other leakage, or

- 3) protected by fire-walls of approved construction, or

- 4) protected by an approved system for application of water, or

- 5) protected by other approved means, where one of these forms of protection is provided, the separation shall not be less than 25 feet between such container groups.

F-119.4.8 The storage and transportation of liquefied petroleum gas and the installation of all pertinent equipment shall be installed and maintained in accordance with NFPA-58, and subject to the approval of the Fire Chief, or their duly authorized representative. These orders shall apply to all persons and places within the jurisdiction except as herein provided.

F-119.5 Parking and Garaging: Vehicles containing cylinders of liquefied petroleum gases 20 lbs or greater in size are prohibited in public parking garages, this includes LP gas delivery vehicles. Vehicles that are powered by LP gas and meet NFPA 54 for fuel systems are permitted.

F-119.6 Prohibited Use of Liquefied Petroleum Gas:

F-119.6.1 Liquefied petroleum gas shall not be used for the purpose of operating any device or equipment unless such equipment or device is approved for use with a liquefied petroleum gas.

F-119.6.2 Liquefied petroleum gas shall not be released to the atmosphere except through an approved liquid level gauge or other approved device.

F-119.7 Dispensing and Overfilling.

F-119.7.1 The dispensing of liquefied petroleum gases shall be performed by a qualified attendant.

(a) It shall be illegal for any person, firm, corporation, association, club or organization to operate a self-service liquefied petroleum gas dispensing operation which is open to the public.

F-119.7.2 A person shall not fill or maintain a liquefied petroleum gas container with liquefied petroleum gas in excess of the fixed outage gauge installed by the manufacturer or the weight stamped on the tank.

FFPC 6th Edition Broward County Local Amendments

F-119.8 Safety Devices.

F-119.8.1 A person shall not tamper with or make ineffective the safety devices of any liquefied petroleum gas container.

F-119.9 Abandonment of Liquefied Petroleum Gas Equipment:

F-119.9.1 At the discretion of the Authority Having Jurisdiction, whenever the use of liquefied petroleum gas equipment has been discontinued, it may be abandoned in an approved manner within a period of 30 days. However, after 90 days, F-119.9.4 applies.

F-119.9.2 The following procedures may be used when approved by the Fire Chief or their duly authorized representative.

F-119.9.2.1 Removal of all liquefied petroleum equipment.

F-119.9.2.2 Burn-off content of container.

F-119.9.3 All service openings shall be capped or plugged after contents have been removed from container.

F-119.9.4 All LP tanks, abandoned or out of service in excess of ninety (90) days, shall be removed and properly disposed of.

F-119.9.5 Combustible Gas Detection; In all facilities where combustible gases are piped to an appliance, a combustible gas detection system with an external notification device shall be installed in accordance with NFPA 72. The external notification device shall provide audio and visual notification and have a sign not less than 14" x 14" stating "combustible gas detected, call 911".

F-119.10 Hydrogen Fuel for Emergency Power Systems.

Hydrogen stationary fuel cell power systems shall be installed in accordance with NFPA 853 of the current edition. Storage shall be in compliance with NFPA 55 (Storage, Use and Handling of Compressed Gases Cryogenic Fluids in Portable or Stationary Containers, Cylinders and Tanks) for installation.

SECTION F-120

Fireworks and Sparkler/Novelty Items

F-120.1 General Requirements.

F-120.1.1 The manufacturing of fireworks, sparklers and pyrotechnic materials is prohibited.

F-120.1.2 The storage of fireworks and pyrotechnic materials is prohibited except as permitted in NFPA 1, Section 65.

F-120.1.3 Except as hereafter provided, it shall be unlawful for any person, firm, co-partnership or corporation to store, to offer for sale, expose to store, expose for sale, sell at retail, or use or explode any fireworks and/or pyrotechnic materials.

F-120.1.3.1 Consumer fireworks can be utilized as per FS 791 on specified holidays.

F-120.1.4 Approved sparklers per F. S. 791.013 and any wholesaler registered in accordance with Florida Statute 791.015 as of July 1, 1996, who has obtained all applicable governmental licenses and permits to operate from a permanent structure within Broward County as of July 1, 1996, are exempt from this subsection.

F-120.1.5 Wholesale exemption sales of fireworks pursuant to F.S.791.04 shall be prohibited at temporary or seasonal sales sites, and sales sites located in tents, canopies and stands.

F-120.1.6 Permit Requirements and Operator Qualifications.

F-120.1.6.1. Application for permit to operate a display of fireworks or use of pyrotechnics before a proximate audience shall be made in writing on forms provided by the Authority Having Jurisdiction to the Fire Chief, or their duly authorized representative, at least 15 days in advance of the date of the display. Except as specifically modified within this Code, outdoor display of fireworks shall be as specified in NFPA 1123. See Section F 120.2 for additional requirements for Outdoor Display of Fireworks on Private Residential Property. See Section F- 120.3 for additional requirements for Offshore and Barge Fireworks Displays. Except as specifically modified within provisions of the Fire Protection Provisions of this Code, the FFPC, and all Fire Codes, use of pyrotechnics before a proximate audience shall be as specified in NFPA 1126.

F-120.1.6.1.1 Before any permit for a pyrotechnic display shall be issued, the person or organization making application shall furnish proof of financial responsibility to satisfy claims for damages to property or personal injuries arising out of any act or omission on the part of such person or any agent or employee thereof, in such amount, character, and form as the Fire Chief, or his/her duly authorized representative, determines to be necessary for the protection of the public.

F-120.1.6.1.1.1 A copy of the certificate of insurance naming the permitting agency as additional insured is required.

F-120.1.6.1.1.2 Minimum required amount of certificates of insurance for permit issuance is as follows: \$1,000,000 for

FFPC 6th Edition Broward County Local Amendments

bodily injury, and \$50,000 for property damage, per occurrence.

F-120.1.6.2 Permit application shall be set forth and contain the following:

F-120.1.6.2.1 The name, address and telephone number of the organization sponsoring the display, the supplier of the fireworks, the operator (pyrotechnician) and all assistants.

F-120.1.6.2.2 Application shall be signed by the sponsoring organization representative, and the operator (pyrotechnician) and approved by Fire Chief or his/her designee.

F-120.1.6.2.3 References for the most recent three firework displays supervised and discharged by the designated operator shall be required for review by the AHJ. Said referenced displays shall be similar in size and complexity and will provide contact persons and telephone numbers.

F-120.1.6.2.4 The date and time of day at which the display is to be held and the duration time for said display. Permits shall not be issued for displays between the hours of 11:00 pm and 7:30 am.

F-120.1.6.2.4.1 Time restrictions stated above may not be applicable on January 1, July 4, and December 31, or any other date where specific permission to operate a display of fireworks is granted by the AHJ.

F-120.1.6.2.5 The exact location address for the display, event or production.

F-120.1.6.2.6 A copy of a location site plan with dimensions indicating the exact location planned for the display site and all grounds and facilities at which the event will be held. This plan shall include the location of all structures, audience viewing areas, roads, trees and utilities.

F-120.1.6.2.7 Operator and assistant qualifications shall comply with the provisions of NFPA 1123 and NFPA 1126.

F-120.1.6.2.7.1 The operator shall be responsible for ensuring that a sufficient number of assistants are available on site for the safe storage and conduct of the fireworks display.

F-120.1.6.2.7.2 Operators shall be at least 21 years of age and all assistants shall be at least 18 years of age. A copy of a valid driver's license or other valid picture I.D. acceptable to the AHJ shall be provided for all operators and assistants.

F-120.1.6.2.8 The type and number of fireworks to be discharged.

F-120.1.6.2.8.1 Aerial displays: Size and number of each type of burst (single, multiple, etc.)

F-120.1.6.2.8.1.1 All aerial shells, regardless of size, shall be fired using approved electrical ignition unless alternate method of ignition is approval by the AHJ.

F-120.1.6.2.8.1.2 All electrically fired displays shall provide a solid barrier located at least 100 feet from the mortar location from which all operators (pyrotechnicians) shall control the display with the exception of displays on barges.

F-120.1.6.2.8.2 Fixed displays. Size, type and description of displays.

F-120.1.6.2.8.3 The manner and place of storage of fireworks prior to display. The date, time and travel route from the point the fireworks enter Broward County.

F-120.1.6.2.9 Standby Firewatch Requirements.

F-120.1.6.2.9.1 The Fire Chief, or his/her duly authorized representative, shall require one or more standby firewatch personnel employed by the Fire Service Provider/Fire Department, to be on-duty for each display or performance. When deemed necessary the Fire Chief, or their duly authorized representative, additional fire rescue apparatus may be required for the display or performance. The expense of such personnel services and apparatus shall be borne by the permit holder and shall be paid prior to issuance of the permit.

F-120.1.6.2.9.2 The standby firewatch personnel shall be on duty from the time of display set up, during the display, and until termination of the display and removal of all fireworks, debris, pyrotechnical materials and devices from the site.

F-120.1.6.2.9.3 In the case of indoor displays or performances, standby firewatch personnel shall be maintained until total restoration of normal function of the fire safety systems has been verified.

F-120.1.6.2.9.4 At a minimum, at least one of the assigned standby firewatch personnel shall be a BORA Certified Fire Inspector.

F-120.2 Additional Requirements for Outdoor Display of Fireworks on Private Residential Property:

F-120.2.1 Written approval from the property owners located adjacent the proposed display site property is required prior to approval of a permit for outdoor fireworks display.

F-120.2.2 The display site shall have at least a 100 foot per inch radius of internal mortar diameter of the largest shell to be fired.

F-120.2.3 Minimum distance separation shall be no less than 300 feet from the nearest dwelling, building, or structure. This

FFPC 6th Edition Broward County Local Amendments

includes canopies, chickee huts, or similar structures, bulk storage areas, public highways, railroads or other means of travel.

F-120.2.4 Not within 1,000 feet of a school, theater, church, hospital, nursing home, assisted living facility, livestock/animal storage site, or similar structures or institutions.

F-120.2.5 No less than 50 foot radius from the nearest aboveground utility, telephone or telegraph line, tree, or other overhead obstruction.

F-120.2.6 The audience shall be restricted behind an approved barrier, location no less than 200 feet from the outside of the required display site distance separations.

F-120.2.7 Reserved

F-120.3 Offshore and Barge Fireworks Displays.

F-120.3.1 Firework displays shall only be permitted on approved barges. Barge means a non-self-propelled vessel and shall meet the requirements of NFPA 1123 for construction and sizing requirements of the discharge site.

F-120.3.2 A valid copy of a current U.S. Coast Guard permit of operation shall be provided for each barge display, if required by the U.S. Coast Guard.

F-120.3.3 At least two chase boats shall be provided to maintain a clear separation distance of at least 1,000 feet radius around the barge from other vessels, structures and the beach. Chase boats shall also provide transportation of fire rescue personnel when required.

F-120.3.4 Two-way compatible communication shall be provided for use by fire rescue and law enforcement personnel, chase boats and barge crew.

F-120.3.5 Ladder access shall be provided to allow immediate access for inspection and emergency response.

F-120.3.5.1 Stabilization shall be provided to secure the barge and prevent rotation from wind, water current and firing angle.

F-120.3.5.2 Inspection of the barge by the Fire Service Provider/Fire Department shall occur at least one to two hours prior to the scheduled departure for sea.

F-120.4 Safety Precautions for Outdoor fireworks.

F-120.4.1 If in the opinion of the Fire Chief, or his/her duly authorized representative, any unsafe or hazardous condition exists, the fireworks display shall be postponed until such time as said conditions are corrected.

F-120.4.2 If high winds, precipitation or other adverse weather conditions prevail, such that in the opinion of the Fire Chief, or his/her duly authorized representative, a significant hazard exists, the fireworks display shall be postponed until weather conditions improve to an acceptable level to allow discharge.

F-120.4.2.1 No discharge of a fireworks display shall be permitted to take place when the wind velocity is 17 knots (20 mph) or greater.

F-120.4.3 Immediately upon delivery to the display site, all fireworks shall be properly secured and shall not be left unattended at any time. When deemed necessary, the Fire Chief, or their duly authorized representative, may require the operator or employ special security measures to ensure the proper security of the stored fireworks.

F-120.4.4 A minimum of two, two and one-half gallon pressurized water fire extinguishers shall be available in the discharge area. Additional extinguishers or equipment may be required if conditions warrant. In addition, adequate water supply for fire protection shall be available at the discharge site.

F-120.5 Requirements for the Sale, Display, Merchandising, Storage and Handling of Approved Sparklers and Novelty Items within buildings, Structures, Canopies and Outdoor Sites.

F-120.5.1 No person shall be in possession of a lighted cigarette, cigar, or pipe, or any open flame, within 50 feet of any sales, display, merchandising, storage, or handling area. Proper receptacles for disposal of smoking materials shall be provided at all entrances to such areas (i.e. water filled or sand filled buckets).

F-120.5.2 A minimum of two approved two and one-half gallon pressurized water fire extinguishers shall be available within the sales, display, and handling areas; additional fire extinguishers or fire protection equipment may be required by the authority having jurisdiction.

F-120.5.3 Precautions shall be taken to protect against fire or spread of fire in all sites located within fields or lots with ground cover such as brush, grass or other overgrowth of vegetation.

F-120.5.4 Durable and readily visible signs to read "Caution Sparklers—No Smoking" shall be posted on the exterior of each entrance way into and throughout all sparkler sales, storage, and handling areas within the interior of any building, structure, canopy, or outdoor site. These signs shall be readily visible in all directions.

FFPC 6th Edition Broward County Local Amendments

F-120.5.5 The use, ignition or discharge of any approved sparklers or novelty items is prohibited within buildings or structures where sparklers or novelty items are offered for sale, displayed, or stored, and within 100 feet of any outdoor sales storage or handling sites.

F-120.5.6 Buildings or structures used in whole or in part for sales (retail or wholesale), display, merchandising, handling, or storage of sparklers and/or novelty items shall be fully protected throughout with an automatic sprinklers system in accordance with NFPA 13, the edition in 69A-60, Florida Administrative Code.

F-120.5.7 No storage of sparklers or novelty items shall be permitted in vehicles.

Exception: Transportation purposes only, to and from the site or at a permitted site, if approved by the authority having jurisdiction.

F-120.5.8 Sales, display and merchandising shall be conducted in an approved and safe manner in order to control handling by the general public.

F-120.5.9 Amounts of sparklers and related novelty items displayed within the sales area shall not exceed those amounts approved by the Fire Chief, or their duly authorized representative. Note: Where the primary business of the occupancy is not sale of sparklers, the sale areas of sparklers or novelty items shall not exceed two percent of the net floor space of the building or structure.

F-120.5.10 Storage of approved sparklers and novelty items shall comply with the following.

F-120.5.10.1 Sparklers shall not be stored or kept in any area

F-120.5.10.1.1 In which paints, oils, or varnishes are manufactured or kept for use or sale, unless the paints, oils or varnishes are in unbroken (sealed) containers.

F-120.5.10.1.2 In which resin, turpentine gasoline or flammable substances which may generate vapors are used, stored, or offered for sale unless the resin, turpentine, gasoline, or substance is in unbroken (sealed) containers.

F-120.5.10.1.3 In which there is not at least one 2A10BC fire extinguisher available in the area used for storage.

F-120.5.10.2 Storage of sparklers shall be in an approved manner, remote from the public, and separated from all other merchandise by at least one hour fire protection and an approved automatic sprinkler system.

Exception: Canopies and approved steel storage vaults or containers when used outdoors.

F-120.5.10.3 Approved storage facilities shall be labeled with an approved Explosion placard complying with the Department of Transportation (DOT) Standard.

F-120.5.11 Outdoor sites for sale, storage, and/or handling of approved sparklers shall comply with the following distance requirements: The minimum distance between a storage site and any building or structure shall be 50 feet.

F-120.6 Separation.

F-120.6.1 The minimum distance required between a site and any fuel storage/dispensing area or device shall be 50 feet.

F-120.6.2 Storage areas shall be separated from sales and handling areas by a minimum of 25 feet.

F-120.6.3 Any building or structure used as storage facilities for sparklers and novelty items in conjunction with outdoor sites shall comply with the one hour protection separation and automatic sprinkler system requirements as required for storage areas within building and structures.

Exception: Canopies and approved steel storage vaults or containers.

F-120.6.4 When a canopy can be used in conjunction with an outdoor site operation, the following shall apply:

F-120.6.4.1 No sides of any kind are permitted on the canopy at any time. Provide copy of Building Permit for canopy.

F-120.6.4.2 The canopy shall comply with the flame-retardant requirement. Proper flame retardant certificate required.

F-120.6.4.3 Proper exit and exit access shall be maintained at all times within the interior of the canopy. No obstruction to egress from any portion of the canopy is permitted.

F-120.6.4.4 Provide and maintain a minimum of one 2A40BC dry chemical fire extinguisher, with properly updated service tag for each 2,500 sq. ft. of canopy area. Not less than one fire extinguisher for each canopy.

F-120.6.5 If the site is to operate after daylight hours, the site shall be properly illuminated. If electricity powered and/or electrical equipment is used, the following shall apply:

F-120.6.5.1 All electrical equipment and associated wiring shall comply with NFPA 70, the National Electrical Code, edition as adopted in 69A-60, Florida Administrative Code. Provide copy of permit for electrical service and equipment.

F-120.6.5.2 If fuel powered generator is to be used to supply power for the site, the following shall apply.

FFPC 6th Edition Broward County Local Amendments

F-120.6.5.2.1 Generator shall be kept a minimum distance of twenty feet (20') from sales, storage, or handling area.

F-120.6.5.2.2 Precautions against fire or fire spread shall be taken when generator sites are located within fields or grassed lots.

F-120.6.5.2.3 Only an approved metal five gallon safety container shall be used to store fuel for the generator. Fuel containers shall be properly stored with a maximum of ten gallons per site.

F-120.6.5.2.4 Approved fuel containers shall not be stored in sales, storage, handling areas or vehicles.

F-120.6.5.3 Durable sign to read "NO SMOKING" shall be posted at the generator site.

F-120.7 Pyrotechnics Before Proximate Audience

F-120.7 The requirements for the use of pyrotechnics before a proximate audience shall be in accordance with the standards as set forth in the FFPC. In addition, the following local amendments shall apply:

F-120.7.1 Application for permit to operate a display of pyrotechnics before a proximate audience shall be made in writing on forms provided by the Authority Having Jurisdiction to the Fire Chief, or their duly authorized representative, at least 15 days in advance of the date of the display.

F-120.7.2 The local Fire Marshal/Fire Code Official, or their duly authorized representative at their discretion, shall require standby fire watch personnel employed by the AHJ of the Fire Service Provider/Fire Department, to be on duty for each display or performance. When deemed necessary by the local Fire Marshal/Fire Code Official, or his/her duly authorized representative, additional fire and rescue apparatus may be required for the display or performance. Any and all expense(s) of standby personnel services and apparatus shall be borne by the permit holder.

F-120.7.2.1 Standby fire watch personnel shall be on duty from the time of display setup, during the display, and until termination of the display and removal of all pyrotechnic materials, debris, and devices from the site.

F-120.7.2.2 In the case of indoor displays or performances, standby fire watch personnel shall be maintained until total restoration of normal functioning of the fire safety systems has been verified.

F-120.7.2.3 At a minimum, at least one of the assigned standby fire watch personnel shall be a BORA Certified Fire Inspector.

F-120.7.3 Any indoor use of pyrotechnics shall not be permitted in buildings or any portion thereof unless protected by an approved automatic sprinkler system.

F-120.7.3.1 Indoor use of pyrotechnics shall be prohibited in temporary structures such as tents, canopies,

F-120.8 Rooftop Pyrotechnics: In addition to the aforementioned code requirements, the following shall apply to rooftop pyrotechnic displays:

F-120.8.1 Only NFPA 1126 approved pyrotechnics shall be permitted for all rooftop displays.

F-120.8.1.1 If a rooftop display is being proposed, the pyrotechnician shall identify a debris fallout area on the submitted plan.

F-120.8.1.2 The pyrotechnician shall provide the local Fire Marshal/Fire Code Official, or their duly authorized representative with an approved, written notice from the FAA acknowledging receipt of the time frame of the display, the pyrotechnic material used, and approval from the FAA representative to proceed with the event.

F-120.8.1.3 Such an approved written notice shall be a part of the permit application submitted at least 15 working days prior to the event.

F-120.8.1.4 Failure to provide approved, written notice from the FAA to the local Fire Marshal/Fire Code Official, or their duly authorized representative, shall be cause for denial to display rooftop pyrotechnics.

F-120.8.1.5 At the discretion of the local Fire Marshal/Fire Code Official, or their duly authorized representative, the pyrotechnician may be required to post all, or part of the following:

F-120.8.1.5.1 Additional insurance policy in the amount of one million dollars indemnifying the local AHJ.

F-120.8.1.5.2 Post a refundable clean-up bond with the local AHJ holding the pyrotechnician responsible for post-event clean up from pyrotechnic debris fallout.

F-120.8.1.5.3 If the pyrotechnician is not directly responsible for post event cleanup of debris, the pyrotechnician shall furnish written proof from the party responsible for post event cleanup of pyrotechnic debris.

FFPC 6th Edition Broward County Local Amendments

F-120.8.1.6 The pyrotechnician shall be held responsible for the cleanup of any NFPA 1126 pyrotechnic material fallout on any structure, vehicles, and/or part thereof in the fallout area unless otherwise advised in writing, to the fire code official, as to the contracted party responsible for such cleanup.

F-121 Reserved

F-122 Mobile and Temporary Cooking Operations

F-122.1 The following section shall be a minimum life safety requirement but can be modified if deemed necessary by the local AHJ.

F-122.1.1 Mobile or Temporary Cooking. Any cooking facility, apparatus or equipment, being operated on a one time or interim basis, or for less than 90 days in the same location, other than at a fixed location, building or structure which has been inspected and permitted under another section of this code, regulation or statute, inclusive of self-propelled trucks and vehicle, trailered units, push carts, equipment located under cover of awnings, canopies or pop-up tents, or other structures for which a building permit has not been issued.

F-122.1.2 All current licensing, semiannual / annual fire suppression system inspections reports and a cleaning report with related documents shall be placed in a binder and accessible to the AHJ at all times.

F-122.1.3 Prior to operating within Broward County, each Mobile Food Dispensing Vehicle shall be inspected and approved.

a. Inspection and approval by the AHJ shall not relieve the mobile food vendor's owner of the responsibility of compliance with the design, construction, installation, alteration, repairs, equipment maintenance, process and relocation of the mobile food truck.

b. Inspection and approval shall not hold the AHJ responsible for the enforcement of regulations of such other regulatory agencies unless specifically mandated to enforce those agencies regulations.

F-122.1.54 Cooking equipment that produces grease-laden vapors shall be protected by a fire-extinguishing system. Automatic fire-extinguishing systems shall comply with ANSI/UL300 or other equivalent standards and shall be installed in accordance with the terms of their listing, the manufacturer's instructions, and NFPA 17A.

F-122.2 Cleaning

F-122.2.1 The entire exhaust system, appliances, floor underneath and wall behind appliances, shall be inspected and cleaned for grease buildup by a properly trained, qualified, and certified person(s) acceptable to the AHJ and in accordance with Table 11.4 in NFPA 96 and in accordance with

F-122.3 Fire Extinguishers

F-122.7.1 There shall be a quarter-turn valve installed within the LP- gas piping for emergency shut-off use, shall be installed on the exterior of the vehicle and readily assessable.

F-122.7.2 A "PROPANE EMERGENCY SHUT-OFF" sign and a "NO SMOKING" sign shall be installed directly next to or above the gas cylinder and shall be a highly visible, permanent weatherproof sign with a minimum of 2" lettering.

F-122.7.3 Cylinders shall be retested every 5-12 years in accordance with the manufacturer's recommendations and 49 CFR 180.205.

a. No letter after the requalification date means the cylinder must be retested within 12 years.

b. An "S" after the requalification date means the cylinder must be retested within 7 years.

c. An "E" after the requalification date means the cylinder must be retested within 5 years.

F-122.8 Leak Detection

F-122.8.1 A test gauge shall be installed at or before the regulator for means of leak detection. Pressure shall be observed for a minimum of 3 minutes with no drop in pressure. Propane tanks, hoses and fittings shall be free of leaks. Documentation that the system is free of leaks shall be kept in a binder and readily assessable for the AHJ upon request.

F-123 Permanently Installed Cooking Exhaust Systems

F-123.1 Cooking Exhaust Systems: Cleaning of Cooking Exhaust Systems shall be in compliance with NFPA 96 and the following.

F-123.2 Cooking ventilation systems shall be inspected for grease buildup by a person meeting the training requirements as set forth by International Kitchen Exhaust Cleaning Association (IKECA) or other nationally recognized exhaust system cleaning association acceptable to the AHJ in accordance with

FFPC 6th Edition Broward County Local Amendments

NFPA 96, Section 11.6.1.

F-123.3 Certification of training shall be submitted to the Local AHJ prior to cleaning operations taking place.

F-123.4 The completed inspection or cleaning report as found in NFPA 96, 11.6.14 shall be provided to the owner and a copy along with photos taken prior to cleaning and after cleaning shall be submitted to the local AHJ.

F-124 Uniform Generator Code

F-124.1 Scope The purpose of this document is to provide uniform procedures for the AHJs' in Broward County as it pertains to secondary power sources. Any Board and Care occupancy as defined by the provisions of this code that is required to receive an inspection from an AHJ as per Florida State Statute or the Florida Administrative Code, shall comply with the provisions of this code.

F-124.2 Referenced Publications:

NFPA 1, *Fire Code*

NFPA 30, *Flammable and Combustible Liquids Code*

NFPA 37, *Standard for the Installation of and Use of Stationary Combustion Engines and Gas Turbines*

NFPA 54, *National Fuel Gas Code*

NFPA 58, *Liquefied Petroleum Gas Code*

NFPA 70, *National Electrical Code*

NFPA 72, *National Fire Alarm and Signaling Code*

NFPA 110, *Standard for Emergency and Standby Power Systems*

NFPA 111, *Standard on Stored Electrical Energy Emergency and Standby Power Systems*

NFPA 720, *Standard for the Installation of Carbon Monoxide (CO) Detection and Warning Equipment*

Florida Administrative Code 58A-5.036 for Assisted Living Facilities

Florida Administrative Code 59A-4.1265 for Nursing Homes

Florida Building Code

F-124.3 General:

F-124.3.1 Existing approved, non-conforming installations shall be deemed compliant with this code unless the AHJ

determines that non conformity presents a distinct hazard to life.

F-124.3.2 All facilities shall store a minimum of seventy-two (72) hours of fuel onsite and be able to show proof (such as a fuel service contract) of a reliable method to obtain the additional twenty-four (24) hours of fuel within forty-eight (48) hours of a declared State of Emergency. Piped natural gas is an allowable fuel source.

F-124.3.3 If local ordinances or other regulations limit the amount of onsite fuel storage at the location of the facility, then the owner/operator shall develop a plan that includes maximum onsite fuel storage allowable by the ordinance or regulation and a reliable method to obtain the maximum additional fuel at least 24 hours prior to the depletion of the onsite fuel.

F-124.3.4 Storage of any fuels shall be compliant with the applicable National Fire Protection Association's (NFPA) codes and standards.

F-124.3.5 Other fuel sources shall be permitted in conformance with the NFPA 54 and 58 as currently adopted.

F-124.4 Minimum Permit Submittal Requirements:

F-124.4.1 The following is a list of the minimum required information that shall be submitted to the AHJ for review:

- A) Plans shall be submitted for permitting, with details and manufacturer specifications that demonstrate compliance with all applicable NFPA codes and standards. The submittal shall be made by a qualified and licensed contractor.
- B) All generators shall be NFPA 110 compliant.
- C) Plans shall clearly identify the class, type, and level of the generator.
- D) A site plan shall be provided indicating the location of the emergency generator in relation to the building openings as well as adjacent building openings, exit discharges, the fuel source type, and the automatic transfer switch.
- E) The location of the manual emergency shut off shall be clearly identified on the plans. The emergency shut off shall be readily accessible at all times, identified with permanent weatherproof signage, shall be readily visible to emergency responders, and the location shall be approved by the AHJ.
- F) Plans shall demonstrate that the fuel supply can accommodate the specific EPS class and time duration identified on the plans.
- G) Physical protection of the fuel source and generator when located in areas subject to vehicular traffic shall be clearly identified.

FFPC 6th Edition Broward County Local Amendments

- H) A remote generator annunciator shall be installed at a continuously attended location and indicated on the plans, approved by the AHJ.
- I) A signed generator maintenance contract shall be submitted, maintained, and made available to the AHJ upon request.
- J) Carbon monoxide protection shall be installed in accordance with NFPA 720. The location(s) of Carbon Monoxide Alarms shall be indicated on the plans.

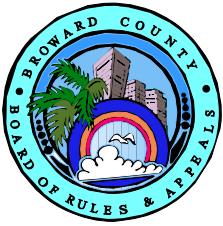
F-124.5 Inspection and Testing

- A) Emergency Power Supply Systems' (EPSS), including all appurtenant components, shall be inspected weekly and exercised under load at least monthly.
- B) The facility owner shall ensure that the EPSS is properly maintained and serviced not less than annually by a qualified person or contractor in accordance with the manufacturer's specifications.

F-124.6 Records Retention

- A) Each facility shall provide a binder which contains a log of weekly inspections and monthly load exercise. The owner or their agent is responsible for the proper recording of this information.
- B) The binder shall also include a copy of the annual service agreement as well as the most current annual service report.
- C) This binder shall be made readily accessible to the AHJ upon request.

Section 3



BROWARD COUNTY

Board of Rules & Appeals

ONE NORTH UNIVERSITY DRIVE, SUITE 3500-B, PLANTATION, FLORIDA 33324

PHONE (954) 765-4500 FAX: (954) 765-4504

<http://www.broward.org/codeappeals>

To: Members of the Broward County Board of Rules and Appeals
From: Chief Mechanical Code Compliance Officer, Rolando Soto.
Chief Electrical Code Compliance Officer, Ken Castronovo.
Date: January 14, 2021.
Subject: Revisions to Formal Interpretation (F.I.) #22 “Swimming pool safety inspections” for the 7th Edition (2020) of the Florida Building Code.

Recommendation

That BORA approve by vote, the revisions to Formal Interpretation (F.I.) #22 “Swimming pool safety inspections”

Reasons

The revisions are needed to correct minor errors in numbers of the code section referred in the text of Formal Interpretation. The code language is unchanged.

Additionally, we are proposing to remove the 2017 Broward County Chapter 1 attachments from F.I. #22.

Additional information

Attached you will find draft of the following documents in edited and clean versions.

1. Formal Interpretations #22 “Swimming pool safety inspections”.

Respectfully submitted,

Rolando Soto

Handwritten signature of Rolando Soto in blue ink.

Ken Castronovo

Handwritten signature of Ken Castronovo in blue ink.

STRONGER CODES MEAN SAFER BUILDINGS

~ESTABLISHED 1971~



BROWARD COUNTY BOARD OF RULES AND APPEALS

1 N. University Drive, Suite 3500B
Plantation, FL 33324

Phone: 954-765-4500
Fax: 954-765-4504

broward.org/CodeAppeals

FBC 7th EDITION (2020) FORMAL INTERPRETATION (#22)

DATE: July 9, 2020
TO: All Building Officials
FROM: James DiPietro, Administrative Director
SUBJECT: Swimming Pool Safety Inspections

2020 Voting Members

Chair

Mr. Daniel Lavrich,
P.E., S.I., SECB, F.ASCE, F.SEI
Structural Engineer

Vice-Chair

Mr. Stephen E. Bailey, P.E.
Electrical Engineer

Mr. John Famularo,
Roofing Contractor
Mrs. Shalanda Giles Nelson,
General Contractor
Mr. Daniel Rourke
Master Plumber
Mr. Gregg D'Attile,
Mechanical Contractor

Mr. Ron Burr
Swimming Pool Contractor
Mr. John Sims,
Master Electrician
Mr. Dennis A. Ulmer
Consumer Advocate
Mr. Abbas H. Zackria, CSI
Architect
Mr. Robert A. Kamm, P.E.
Mechanical Engineer

Vacant

Representative Disabled Community
Mr. Sergio Pellecer
Fire Service Professional

2020 Alternate Board Members

Mr. Jeff Falkanger
Architect
Mr. Steven Feller, P.E.
Mechanical Engineer
Mr. Alberto Fernandez,
General Contractor
Mr. Robert Taylor
Fire Service
Mr. Gary Elzweig, P.E., F.ASCE
Structural Engineer
Mr. David Rice, P.E.
Electrical Engineer
Mr. James Terry,
Master Plumber
Mr. David Tringo,
Master Electrician
Mr. William Flett,
Roofing Contractor

Board Attorney

Charles M. Kramer, Esq.

Board Administrative Director

James DiPietro

—ESTABLISHED 1971—

The Residential Swimming Pool Safety Act, Chapter 515 of the Florida Statutes requires minimum safety requirements for all newly constructed swimming pools. Florida Statute 515.27 for residential swimming pools has a list of required safety options of which one is to be chosen from. Section 515.29 (1)(a) through (e) requires a selection of safety options to safely protect someone from drowning when an unauthorized person enters the pool. The statute does not state who would enforce this law, only that it must be done. Chapter One of the Broward County Florida Building Code Section 110.3, A (Building) #26 states that the child barrier be inspected prior to the pool being filled with water. It is clear that section 110.3, A #26, (3) states that the child barrier inspection is to be carried out by the Structural Inspector. The section then states that the pool is to be filled with water after the Final Electrical Inspection. The final pool inspection is to be carried out only by the Structural Inspector.

A Joint Electrical/Structural Committee Meeting conducted on September 9th, 2019 to discuss the above issue. Both Electrical and Structural Committee members voted in favor of the Florida building code as it is written.

FINAL DRAFT

Formal Interpretation:

All Swimming Pool Safety Act Inspections shall be performed by BORA Certified Structural Inspectors per section FBC Section 110.3, A, #26.

EFFECTIVE DATE: November 14, 2019
RE-ISSUED DATE: July 9, 2020
EFFECTIVE DATE: December 31, 2020
REVISED DATE: January 14, 2021

*** PLEASE POST AT YOUR PERMIT COUNTER ***



BROWARD COUNTY BOARD OF RULES AND APPEALS

1 N. University Drive, Suite 3500B
Plantation, FL 33324

Phone: 954-765-4500
Fax: 954-765-4504

broward.org/CodeAppeals

FBC 7th EDITION (2020) FORMAL INTERPRETATION (#22)

DATE: July 9, 2020
TO: All Building Officials
FROM: James DiPietro, Administrative Director
SUBJECT: Swimming Pool Safety Inspections

2020 Voting Members

Chair

Mr. Daniel Lavrich,
P.E., S.I., SECB, F.ASCE, F.SEI
Structural Engineer

Vice-Chair

Mr. Stephen E. Bailey, P.E.
Electrical Engineer

Mr. John Famularo,
Roofing Contractor
Mrs. Shalanda Giles Nelson,
General Contractor
Mr. Daniel Rourke
Master Plumber
Mr. Gregg D'Atile,
Mechanical Contractor

Mr. Ron Burr
Swimming Pool Contractor
Mr. John Sims,
Master Electrician

Mr. Dennis A. Ulmer
Consumer Advocate
Mr. Abbas H. Zackria, CSI
Architect

Mr. Robert A. Kamm, P.E.
Mechanical Engineer

Vacant

Representative Disabled Community
Mr. Sergio Pellecer
Fire Service Professional

2020 Alternate Board Members

Mr. Jeff Falkanger
Architect

Mr. Steven Feller, P.E.
Mechanical Engineer
Mr. Alberto Fernandez,
General Contractor

Mr. Robert Taylor
Fire Service

Mr. Gary Elzweig, P.E., F.ASCE
Structural Engineer
Mr. David Rice, P.E.
Electrical Engineer

Mr. James Terry,
Master Plumber

Mr. David Tringo,
Master Electrician

Mr. William Flett,
Roofing Contractor

Board Attorney

Charles M. Kramer, Esq.

Board Administrative Director

James DiPietro

—ESTABLISHED 1971—

The Residential Swimming Pool Safety Act, Chapter 515 of the Florida Statutes requires minimum safety requirements for all newly constructed swimming pools. Florida Statute 515.27 for residential swimming pools has a list of required safety options of which one is to be chosen from. Section 515.29 (1)(a) through (e) requires a selection of safety options to safely protect someone from drowning when an unauthorized person enters the pool. The statute does not state who would enforce this law, only that it must be done. Chapter One of the Broward County Florida Building Code Section 110.3, A (Building) # 24 26 states that the child barrier be inspected prior to the pool being filled with water. It is clear that section 110.3, A # 24 26, (3) states that the child barrier inspection is to be carried out by the Structural Inspector. The section then states that the pool is to be filled with water after the Final Electrical Inspection. The final pool inspection is to be carried out only by the Structural Inspector.

A Joint Electrical/Structural Committee Meeting conducted on September 9th, 2019 to discuss the above issue. Both Electrical and Structural Committee members voted in favor of the Florida building code as it is written.

EXISTING CORRECTED INTERPRETATION

Formal Interpretation:

All Swimming Pool Safety Act Inspections shall be performed by BORA Certified Structural Inspectors per section FBC Section 110.3, A, # 24 26.

EFFECTIVE DATE: November 14, 2019

RE-ISSUED DATE: July 9, 2020

EFFECTIVE DATE: December 31, 2020

REVISED DATE: January 14, 2021

ATTACHMENT:

- Chapter One Section 110.3, A, #24, a (3). Florida Statute 515.27

*** PLEASE POST AT YOUR PERMIT COUNTER ***

Page 1 of 1 F.I. #22

Ch. 1, Broward County Administrative Provisions for the 2017 FBC (6th Edition)

requirements specified for temporary lighting, heat or power in Chapter 27 of FBC, Building.

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

**SECTION 109
FEES**

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

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

109.3 Building permit valuation. An applicant for a permit shall provide an estimated permit value at a time of application. Permit valuations, shall include the value of work, including materials and labor, for which the permit is being issued, such as electrical, gas, mechanical, plumbing equipment and permanent systems. In the opinion of the building official, the valuation is unreasonably low on the application, the permit shall be denied unless the applicant can show detailed estimates to the approval of the Building Official. Final building permit valuation shall be set by the Building Official.

109.4 Building permit valuation. The Building Official may require an estimate utilizing RSMeans, copies of signed contract, and other descriptive data as a basis for determining permit fee.

109.4 Work commencing before permit issuance. Any person who commences any work on a building, structure, electrical, gas, mechanical or plumbing system before obtaining necessary permits or the Building Official's written approval, shall be subject to a penalty not to exceed 100 percent of the usual permit fee that shall be in addition to the required permit fees.

109.5 Related fees. Reserved.

109.6 Refunds. Reserved.

➔ **SECTION 110
INSPECTIONS**

110.1 General. Construction or work for which a permit is required shall be subject to inspection by the Building Official and such construction or work shall remain accessible and exposed for inspection purposes until approved. Approval as a result of an inspection shall not be construed to be an approval of a violation of the provisions of this Code or of other

ordinances of the jurisdiction. Inspections presuming to give authority to violate or cancel the provisions of this Code or of other ordinances of the jurisdiction shall not be valid. It shall be the duty of the permit applicant to cause the work to remain accessible and exposed for inspection purposes. Neither the Building Official nor the jurisdiction shall be liable for expense entailed in the removal or replacement of any material required to allow inspection.

110.1.2 The Building Official shall make the inspections called for by these requirements or he or she may accept reports of inspectors of recognized qualifications for special inspections, except that no certificate called for by any provisions of this Code shall be based on if such reports are in writing and certified.

110.1.3 No inspection shall be made until sanitary facilities have been provided, as required in Section 311.1 of the FBC Plumbing.

110.1.4 When the services and reports of inspection and testing laboratories are required by this Code, only such services and reports shall be accepted as are submitted from impartial inspecting and testing laboratories having an Engineer in active responsible charge of the work of sampling and testing.

110.1.5 Testing laboratories engaged in the sampling and testing of concrete and steel products shall have complied with the Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection ASTM E329-14a.

110.1.6 Testing laboratories located out of this State and under the supervision of an Engineer legally qualified in the State in which the laboratory is located, and where such testing laboratory has complied with the above Standard, may submit test reports as required by this Code.

110.1.7 All equipment, material, power, coordination for access and labor, necessary for inspection and/or test shall be supplied by the permit holder.

110.2 Preliminary inspection. Before issuing a permit, the Building Official is authorized to examine or cause to be examined buildings, structures and sites for which an application has been filed.

110.3 Required Inspections. The Building Official, upon notification from the permit holder or his or her agent, shall make the following inspections performed by Inspectors BORA certified in the categories involved who shall either release that portion of the work completed or shall notify the permit holder or his or her agent of any violations which shall be corrected in order to comply with the technical codes. The Building Official shall determine the timing and sequencing of when inspections occur and what elements are inspected at each inspection.

A. Building

Ch. 1, Broward County Administrative Provisions for the 2017 FBC (6th Edition)

1. **Piling:** To be made during the installation of piles by Special Inspector.
2. **Foundation Inspection:** Include piling/pile caps, footer/grade beams, stem-wall, and monolithic slab-on-grade to be made after necessary excavation, form erection, and reinforcing steel placement, prior to pouring of concrete.
 - a. In flood hazard areas, upon placement of the lowest floor, including basement, and prior to further vertical construction, the elevation certification shall be submitted to the AHJ.
3. **Floor Slab on Grade and/or Elevated:** To be made after necessary excavations, form erection as may be required, placement of reinforcing steel, mesh, and vapor barrier when specified, and prior to pouring concrete.
4. **Concrete Columns:** To be made after the placement of reinforcing steel and prior to complete erection of forms and pouring of concrete.
5. **Concrete Unit Masonry:** To be made at each successive pour after placement of the reinforcement and prior to the pouring of grout. See Sections 110.10.2.2 and 110.10.5.
6. **Concrete Beams:** To be made after the erection of forms, placement of reinforcing steel, hangers, bracing and shoring and prior to pouring of concrete.
7. **Framing Inspection:** To be made after the installation of all structural elements, including: the roof, furring, fire stops, fireblocking, nailers, anchors, and bracing is in place, chimneys, and prior to the installation of interior cladding, but after inspection of rough in electrical, mechanical and plumbing, which shall be completed prior to request for framing inspection. See mandatory inspections for electrical, mechanical and plumbing. Framing inspection shall at a minimum include the following building components:
 - a. Window/door framing
 - b. Vertical cells/columns
 - c. Lintel/tie beams
 - d. Framing/trusses/bracing/connectors
 - e. Draft stopping/fire blocking/fire stopping
 - f. Curtain wall framing
 - g. Accessibility.
 - h. Verify rough opening dimensions are within tolerances.
8. **Roof/Floor Trusses:** To be made after the erection of truss members, permanent and temporary bracing, roof sheathing and bottom chord furring members and anchors.
9. **Roof Sheathing:** To be made after placement of panels or planking and sheathing fasteners; prior to application of base or anchor coat of roofing.
10. **Wall/Floor Sheathing:** To be made after placement of panels or planking and sheathing fasteners.
11. **Roofing Inspection:** To be made in accordance with Chapter 15 of the FBC & Chapter 44 of the Florida Residential Code and Section 611 of the FBC Existing Building.
12. **Window and Door Inspection:** Two inspections to be made, one after door and window bucks have been installed, and the second, after window and door assemblies have been installed and before attachments and connections to the building frame are concealed.
13. **Wire Lath:** To be made after installation of all metal lath and accessories prior to application of any coatings.
14. **Energy insulation:** After installation in compliance with type and "R" values stipulated in energy calculations and prior to installation of rock lath and drywall.
15. **Rock Lath:** To be made after installation of all rock lath, corner beads, strip reinforcement and nailers for molding and trim and prior to application of plaster basecoat.
16. **Drywall:** To be made after installation of drywall panels and prior to taping and spackling.
17. **Curtain Wall Inspection:** To be made at each floor level after curtain walls are installed and before curtain wall attachments are concealed.
18. **Storefront Inspection:** To be made after storefronts are installed and before store front attachments are concealed.
19. **Concealed Work:** The Building Official or his or her duly authorized representative may order portions of the structural frame of a building and/or structure to be exposed for inspection when, in his or her opinion, there is a good reason to believe that a building or portion thereof is in an unsafe or dangerous condition or that there is willful or negligent concealment of a violation of this Code.
20. **Hurricane Shutters:** To be made before the attachments and connections to the building are concealed and when job is completed. All shutters shall be installed for final inspection. On occupied buildings, all required means of egress and emergency exits shall be left uncovered.
21. **Final Inspection:** To be made after installation and completion of all elements of construction, safeguards and protective

NO CHANGE ON THIS PAGE

EXISTING-CORRECTED-INTERPRETATION

Ch. 1, Broward County Administrative Provisions for the 2017 FBC (6th Edition)

devices, and after final electrical, mechanical and plumbing. Approval of Fire Department accessibility and all tests of fire alarm detection and suppression systems, smoke evacuation systems and life safety systems shall be approved prior to final inspection and issuance of Certificate of Occupancy.

- a. In flood hazard areas, as part of the final inspection, a final certification of the lowest floor elevation shall be submitted to the authority having jurisdiction.

22. Certificate of Occupancy: This final inspection shall signify the completion of all work and that the structure is safe for Occupancy. Final adjustments to mechanical devices may be made after this inspection and during Occupancy.

23. Fence: Final only

24. Swimming Pools/Spas Inspection: First inspections to be made after excavation and installation of reinforcing steel, bonding and main drain and prior to placing of concrete, gunite or shotcrete. Second inspection(s) of perimeter plumbing, pressure test, deck electrical perimeter bonding and deck structural (includes soil reports as applicable, paver type decks, special perimeter footings or deck features) is (are) to follow after the completion of each phase. Child barrier (exit) alarms (if applicable), and yard barriers that are part of the fourth wall protection as described in FBC Building Section 454.2.17, shall be completed and approved inspection prior to the swimming pool/spa being filled with water. Final zoning (if applicable) is to be completed prior to the swimming pool/spa being completed. Electrical final is to be completed prior to the swimming pool/spa being filled with water. Final structural and plumbing are to be completed after the swimming pool/spa is filled with water and the filtration system is in operation.

a. Structural inspections:

- (1) Steel
- (2) Deck (includes soil reports as applicable, paver type decks, special perimeter footings or deck features)
- (3) Child barrier fences (if applicable) and yard barriers that are part of the fourth wall protection prior to the swimming pool/spa being filled with water
- (4) Final structural (after filling of the swimming pool/spa with water and the filtration system is in operation)

B. Electrical:

1. **General:** All Underground, Slab, low voltage and Rough Electrical Installations shall be left uncovered and convenient for examination until inspected and approved by the Electrical Inspector.
2. **Temporary Electrical Service Installations**
 - a. Rough.
 - b. Final
3. **Underground Electrical Inspection:** To be made after trenches or ditches are excavated, underground conduits or cables installed, and before any backfill is put in place.
4. **Slab Electrical Inspection:** To be made and after conduits and boxes are installed, and prior to pouring concrete.
 - a. Grounding Electrode Conductor to Foundation Steel
5. **Rough Electrical Inspection:** To be made after the roof, framing, fire blocking bracing are in place, and the building is deemed dry, and conduits, cables, panels, receptacles, etc. are installed, and prior to the installation of wall or ceiling membranes.
6. **Electrical Service Inspection:**
 - a. Electrical rough
 - b. Electrical Final Inspection
7. **Miscellaneous Electrical Inspection:**
8. **Swimming Pool/Spa Electrical Inspection:**
 - a. Steel Bonding
 - b. Underground
 - c. Deck perimeter bonding
 - d. Final electrical prior to the swimming pool/spa being filled with water
9. **Temporary Electrical 30-Day Power for Testing**
10. **Final Inspection:** To be made after the building is complete, all electrical fixtures are in place and properly connected, or protected, and the structure is ready for occupancy and deemed safe for power by the Building Official.

Final Electrical Inspection shall be made prior to Final Structural Inspection.

C. Gas:

1. **General:** To be made for all underground work, and at each floor and roof level where gas work is installed. All gas work shall be left uncovered and convenient for examination until inspected and approved by the Plumbing Inspector.
2. **Underground inspection:** To be made after trenches or ditches are excavated, piping installed, and before any backfill is put in place.

Ch. 1, Broward County Administrative Provisions for the 2017 FBC (6th Edition)

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

Final Gas Inspection shall be made prior to Final Structural Inspection.

D. Mechanical:

- 1. **General:** To be made for all underground work, and at each floor and roof level where mechanical work is installed. All mechanical work shall be left uncovered and convenient for examination until inspected and approved by the Mechanical Inspector.
- 2. **Underground inspection:** To be made after trenches or ditches are excavated, underground duct and all piping installed, and before any backfill is put in place.
- 3. **Rough-in inspection:** To be made after the roof, framing, fire blocking and bracing are in place and all ducting, and other concealed components are complete, and prior to the installation of wall or ceiling membranes.
- 4. **Final Mechanical inspection:** To be made after the building is complete, the mechanical system is in place and properly connected, and the structure is ready for occupancy.

Final Mechanical Inspection shall be made prior to Final Structural Inspection.

E. Plumbing:

- 1. **General:** To be made for all underground work, and at each floor and roof level where plumbing work is installed. All plumbing work shall be left uncovered and convenient for examination until inspected and approved by the Plumbing Inspector.
- 2. **Underground inspection:** To be made after trenches or ditches are excavated, piping installed, and before any backfill is put in place.
- 3. **Rough-in inspection:** To be made after the roof, framing, fire-blocking and bracing is in place and all soil, waste and vent piping is complete, and prior to this installation of wall or ceiling membranes. Floors shall be left open in all bathrooms and elsewhere above all sanitary plumbing, and water-supply

piping and other plumbing work until it shall have been examined, tested and approved.

4. Swimming Pool/Spa Plumbing Installations:

- a. Main drain(s)
- b. Perimeter plumbing, pressure test and water features
- c. Final plumbing (after filling of swimming pool/spa with water and the filtration system is in operation).

- 5. **Final Plumbing inspection:** To be made after the building is complete, all plumbing fixtures are in place and properly connected, and the structure is ready for occupancy. Water shock or hammer in the water supply system will be cause for condemnation on final inspection.

Note: See Section 312 of the FBC, Plumbing for required tests

Final Plumbing Inspection shall be made prior to Final Structural Inspection.

F. Demolition Inspections.

First inspection to be made after all utility connections have been disconnected and secured in such manner that no unsafe or unsanitary conditions shall exist during or after demolition operations.

Final inspection to be made after all demolition work is completed.

- G. Manufactured building inspections.** The Building Department shall inspect construction of foundations; connecting buildings to foundations; installation of parts identified on plans as site installed items, joining the modules, including utility crossovers; utility connections from the building to utility lines on site; and any other work done on site which requires compliance with the FBC. Additional inspections may be required for public educational facilities (see Section 423.27.20 of FBC Building).

110.3.1 Footing and foundation inspection. See 110.3.A Building, of this code.

110.3.2 Concrete slab and under floor inspection. See 110.3.A Building, of this code.

110.3.3 Lowest floor elevation. Reserved

110.3.4 Reinforcing steel and structural frames. No reinforcing steel or structural framework of any part of any building or structure shall be covered or concealed in any manner whatsoever without the approval of the Building Official. It shall be unlawful for any person, firm or corporation, or their agents or employees, to cover or conceal any wiring for light, heat, power or low voltage systems until the appropriate Sections of the building

NO CHANGE ON THIS PAGE

EXISTING CORRECTED INTERPRETATION

Section 4



Broward County Board of Rules and Appeals

1 N. University Drive, Suite 3500B, Plantation, FL 33324

Phone: 954-765-4500 • Fax: 954-765-4504 • broward.org/CodeAppeals

TO: Members of the Board of Rules and Appeals

FROM: Administrative Director

DATE: November 12, 2020

SUBJ: Update to Policy 05-01, Representation on the Board of Rules and Appeals Standing Committees and Appointment Guidelines

RECOMMENDATIONS

It is recommended that the Board of Rules and Appeals, by motion, amend Board Policy 05-01 to add the Energy Conservation Committee as one of the standing committees.

REASONS

Board Chair, Daniel Lavrich, P.E., recently established the Ad Hoc Energy Conservation Committee. The committee held its first meeting on October 26, 2020. The Ad Hoc Energy Conservation Committee Chair, David Rice, P.E., made the suggestion to move forward to make the Ad Hoc Energy Conservation Committee a standing group of advisors to the Broward County Board of Rules and Appeals. This action would require a Board vote and amendment to the attached policy.

ADDITIONAL INFORMATION

Please see the Mission State of the Energy Conservation Committee below:

The Ad Hoc Energy Conservation Committee exists to provide a service to the community of Broward County by gathering information and setting up forums for the exchange of ideas to improve the uniform enforcement of the Florida Energy Conservation Code, (FECC).

This committee shall provide guidelines for the Board of Rules and Appeals (BORA), and local code enforcement officials to enforce the codes and (BORA) policies in building construction for all trades relating to Energy Conservation. This committee shall plan, organize, research, and inform, accordingly, offering the construction industry a forum to address issues and topics relating to emerging technologies relating to Energy Conservation.

This committee shall communicate to the construction industry and Broward County residents that energy conservation is everyone's responsibility, an essential part of building construction and will offer committee recommendations to the Board of Rules and Appeals to achieve energy conservation goals.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "James DiPietro".

James DiPietro

Subject: Representation on the Board of Rules and Appeals Standing Committees and Appointment Guidelines

CERTIFICATION STANDARDS REVIEW COMMITTEE

- Four Board Members or Alternates
 - One Board of Rules and Appeals Code Compliance Officers
 - Four Building Officials
 - Three Private Contractors serving as governmental inspectors
 - One representative designed by the Builders Association of South Florida
 - One representative of the Florida Structural Engineers Association, Florida licensed P.E.
 - One representative of the American Institute of Architects, Broward Chapter, Florida licensed Architect
 - Two representatives of the Broward City County Management Association
- 17 TOTAL**

COMMITTEE TO ADDRESS UNIFORM PROCEDURES FOR INSTALLATION OF BI-DIRECTIONAL AMPLIFIERS

- Three Board Members
 - Five Fire Service Professionals
 - Two FCC License Holders
 - Two BDA Providers
 - One Fire Alarm Contractors
 - One Fire Protection Engineer
 - Two Electrical Government Inspectors
- 16 TOTAL**

ELECTRICAL COMMITTEE

- Four Board Members or alternates
 - One Fire Service Professional
 - One Electrical Utility Representative
 - Three Government Inspectors
 - One Alarm Industry Representative
 - One Electrical Contractors
 - One Electrical Contractor or Master Electricians
- 12 TOTAL**

ENERGY CONSERVATION COMMITTEE MEMBERS

Four Board Members

One A/C Contractor

One Broward County Sustainability Representative

One Electrical Plans Examiner/Inspector

One LEED AP (Accredited Professional)

One Mechanical Plans Examiner/Inspector

One Plumbing Plans Examiner/Inspector

One Structural Plans Examiner/Inspector

One Test and Balance Contractor

12 TOTAL

FIRE CODE COMMITTEE

One Mechanical Engineer Florida P.E

One Architect, Florida Registered

One Fire Sprinkler Contractor

One Representative of the Disabled Community

One Master Electrician

Four Fire Service (Florida Certified Fire Inspectors)

One Fire Service Member of the Board of Rules and Appeals

One Contractor, Certified to Install Fire Alarms

One General Contractor

One Electrical Engineer, Florida P.E

One Mechanical Contractor

Consumer Advocate

One Structural Engineer

One Chief Plumbing Inspector

17 TOTAL

GENERAL CONTRACTORS /ARCHITECTS COMMITTEE

Four Board Members or alternates

Three General Contractors

One Building Official

One Architect

One Representative of the Disabled Community

One Consumer Advocate

One Industry Representative

12 TOTAL

MECHANICAL/SMOKE CONTROL COMMITTEE

Four Board Members or alternates

Four Contractors or Class A Air Conditioning Contractors

One Test and Balance Contractor

Three Government Inspectors

One Professional Engineer

One Fire Service Professional

12 TOTAL

PLUMBING COMMITTEE

Three Board Members or alternates
Five Government Inspectors
Two Plumbing Contractors
One Plumbing Contractor or Master Plumbers
One Fire Service Professional
One Representative of the Disabled Community
13 TOTAL

PROBABLE CAUSE COMMITTEE

Five Board Members or Alternates
5 TOTAL

ROOFING COMMITTEE

Four Board members or alternates
Two Industry Representatives
One Fire Service Professional
One Professional Engineer
Two Roofing Contractor
One Government Inspector
11 TOTAL

STRUCTURAL COMMITTEE

Three Board members or alternates
Four Government Inspectors
Five Professional Engineers
12 TOTAL

SWIMMING POOL COMMITTEE

Four Board Members or alternates
Three Swimming Pool Contractors
One Building Official
One Government Inspector
One Professional Engineer
One Electrical Contractor
11 TOTAL

Appointment Guidelines

- A.** Committee Members may not have had any personal or business dealings with any BORA certified inspector or BORA staff employee for a period of 12 months prior to their appointment, nor anticipate any future interests of a similar nature, where the purpose of either is to derive direct or indirect benefit to the Committee Member. Committee Members will promptly advise the Administrative Director of any possible conflicts of interest for further determination as necessary. The Administrative Director will notify the Committee Appointees of this Board Policy when letter of appointments is sent.
- B.** Board Members and Alternates will only fill board members seats, except for the Fire Code Committee, the Board's Consumer Advocate and the representative of the Disabled Community.
- C.** None of the above Committees will include two or more individuals from the same private or government entity, except members of the Board of Rules and Appeals.
- D.** As members of a committee operating under the State of Florida Sunshine Law, committee members shall not discuss any potential committee topic among themselves except at a legally advertised meeting.
- E.** The above guidelines are also intended to apply to any Ad Hoc Committees or sub-committee that may be created.
- F.** Standing committees are required to meet at least once each year.

2021 Ad Hoc Energy Conservation Committee

Mr. David Rice, P.E.

Chair – Board Member

Professional Electrical Engineer
R.C. Engineering, Inc.
5532 NW 106 Drive, Coral Springs, FL 33076
Phone: 954-655-7901
Mobile: 954-757-7901
Email: drice@rc-eng.com

Mr. Art Kamm, P.E.

Vice Chair – Board Member

Professional Mechanical Engineer
Kamm Consulting, Inc.
1407 West Newport Center Drive, Deerfield Beach, FL 33442
Phone: 954-949-2200
Mobile: 561-756-0601
Email: art@kammconsulting.com

Mr. Dennis Ulmer

Board Member

Consumer Advocate
1007 NW 11 Place, Fort Lauderdale, FL 33311
Phone: 954-763-1913
Email: dennisu512@aol.com

Mr. Abbas Zackria, CSI

Board Member

Registered Architect
WZA Architects
5813 N. Andrews Way, Fort Lauderdale, FL 33309
Phone: 954-522-4123 x304
Mobile: 954-253-4166
Email: abbas@wza-architects.com

Mr. Mike Charnin

Mechanical Plans Examiner/Inspector

City of Plantation
401 NW 70th Terrace, Plantation, FL 33317
Phone: 954-797-2787
Mobile: 954-658-1168
Email: mcharnin@plantation.org

Ms. Samantha Danchuk

Broward County Sustainability Representative

Broward County Environmental Protection
115 S. Andrews Ave., Room 329H, Fort Lauderdale, FL 33301
Phone: 954-519-1295
Email: SDANCHUK@broward.org

Mr. Tim Fallon

Plumbing Plans Examiner/Inspector

City of Coral Springs
9500 West Sample Road, 1st Floor, Coral Spring, FL 33065
Phone: 954-344-1025
Mobile: 954-790-0008
Email: tfallon@coralsprings.org

Mr. Wyatt T. Haygood

Structural Plans Examiner/Inspector

City of Parkland
6600 University Drive, Parkland, FL 33067
Phone: 954-757-4167
Email: whaygood@cityofparkland.org

Mr. Eric Jenison

Test and Balance Contractor

Total Dynamic Balance
1531 NW 3rd Street, Suite #13, Deerfield Beach, FL 33442
Phone: 954-425-0764
Email: eric@totaldynamic1.com

Mr. Brian Lomel, P.E.

LEED AP (Accredited Professional)

TLC Engineering
800 Fairway Drive, Suite 250, Deerfield Beach, FL 33441
Phone: 954-439-6137
Email: brian.lomel@tlc-eng.com

Mr. John Travers

Electrical Plans Examiner/Inspector

City of Fort Lauderdale
700 NW 19 Avenue, Fort Lauderdale, FL 33301
Phone: 954-828-5191
Email: jtravers@fortlauderdale.gov

Mr. Bob Volin

A/C Contractor

Air Design Concepts
4777 NW 67th Avenue, Fort Lauderdale, FL 33319
Phone: 954-321-0888
Mobile: 954-632-1603
Email: airdesign@gate.net

Committee Staff

Mr. Timothy de Carion

Board Chief Code Compliance Officer

Chief Energy Code Compliance Officer
Board of Rules and Appeals
1 N University Drive, Suite 3500B, Plantation, FL 33324
Phone: 954-765-4500 (x9853)
Fax: 954-765-4504
Email: tdecarion@broward.org

Ms. Brianna Curry

Secretary

Board of Rules and Appeals
1 N. University Drive, Suite 3500B, Plantation, FL 33324
Phone: 954-765-4500 (x9885)
Fax: 954-765-4504
Email: bcurry@broward.org

Energy Conservation Committee Members

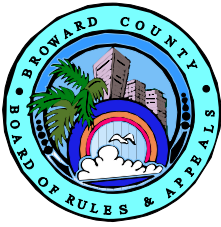
Four Board Members
One A/C Contractor
One Broward County Sustainability Representative
One Electrical Plans Examiner/Inspector
One LEED AP (Accredited Professional)
One Mechanical Plans Examiner/Inspector
One Plumbing Plans Examiner/Inspector
One Structural Plans Examiner/Inspector
One Test and Balance Contractor

12 Total Committee Members

Appointment Guidelines

- A.** Committee Members may not have had any personal or business dealings with any BORA certified inspector or BORA staff employee for a period of 12 months prior to their appointment, nor anticipate any future interests of a similar nature, where the purpose of either is to derive direct or indirect benefit to the Committee Member. Committee Members will promptly advise the Administrative Director of any possible conflicts of interest for further determination as necessary. The Administrative Director will notify the Committee Appointees of this Board Policy when letters of appointments are sent.
- B.** Board Members and Alternates will only fill board members seats, except for the Fire Code Committee, the Board's Consumer Advocate and the representative of the Disabled Community.
- C.** None of the above Committees will include two or more individuals from the same private or government entity, except members of the Board of Rules and Appeals.
- D.** As members of a committee operating under the State of Florida Sunshine Law, committee members shall not discuss any potential committee topic among themselves except at a legally advertised meeting.
- E.** The above guidelines are also intended to apply to any Ad Hoc Committees or sub-committee that may be created.
- F.** Standing Committees are required to meet at least once each year.

Section 5



BROWARD COUNTY

Board of Rules & Appeals

1 North University Drive, Suite 3500B, Plantation, Florida 33324

To: Members of the Broward County Board of Rules and Appeals

From: Administrative Director

Date: January 14, 2021

Re: Amendment to the Board of Rules and Appeals Policy #20-02, entitled Board of Rules and Appeals to share 50% of the cost of foreign credentials evaluation to determine the educational equivalency in the United States, not to exceed \$600 of the BORA participation per applicant (up to \$1,200 total), for the purpose of removing the expiration date of the policy.

RECOMMENDATION

It is recommended that the Board of Rules and Appeals vote to amend this policy by removing the expiration date of 12/31/2020.

REASONS

In a survey conducted by Ken Castronovo of Building Officials , three asked us to continue the program . Pete Beaudoin, Bill Tracy and John Travers, one said no, and no other responses were received.

ADDITIONAL INFORMATION

No jurisdiction took advantage and utilized this program in 2020. However, we believe the subsidy remains a good idea to help in certification recruiting efforts.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "James DiPietro".

James DiPietro

G:\SHARED\2021 BR&A\BORA Agendas\1.Jan 14\Item 5 Memo final .doc

SUBJECT: Board of Rules and Appeals to share 50% of the cost of foreign credential evaluation, to determine the educational equivalency in the United States, not to exceed \$600 of BORA participation per applicant (up to \$1,200 total)

POLICY

It is the policy of the Board of Rules and Appeals to sponsor the cost of funding the foreign educational credentials, by an approved evaluator authorized by the Florida Department of Education, by sharing with the requestor the expense on a 50-50% basis. The sponsorship is limited to one time per person and not to exceed \$600 in the cost to the Board of Rules and Appeals.

GUIDELINES

The Building Official shall be responsible for making a written request for foreign credential evaluation to the Board of Rules and Appeals.

The company selection will be made by BORA staff members from a list of State of Florida approved Credential Evaluation Agencies indicated in the attachment or as amended by the State. No other Evaluation Agencies may be used. The application shall be submitted to the Credential Evaluation Agency only by BORA staff members.

The Degrees, Programs and Credits shall be determined by Florida Regulation 6A-4.003 attached or as may be amended.

ADDITIONAL INFORMATION

This program ~~automatically expires at close of business on December 31, 2020 and it is subject to a BORA budget limitation of \$6,000 for calendar year 2020.~~



Approved Credential Evaluation Agencies

Original credential evaluation reports showing the United States equivalency for academic credentials earned in other countries may be provided by:

- An accredited four-year college or university in the United States, **OR**
- A current member of the National Association of Credential Evaluation Services (NACES), **OR**
- A current member of the Association of International Credential Evaluators (AICE), **OR**
- One of the following credential evaluation agencies approved by the Bureau of Educator Certification:
 - Academic and Professional International Evaluations, Inc., CA
 - ACREVS, Inc., Milpitas, CA
 - American Association of Collegiate Registrars and Admissions Officers (AACRAO)
 - American Evaluation and Translation Service, Inc (AETS), Miami, FL
 - C.E.I.E Specialists, Inc.
 - Center for Educational Documentation, Boston, MA
 - Consultancy on International Education (CIE), IL
 - Education Evaluators International (CA, RI, NY)
 - Educated Choices, LLC
 - Foreign Consultants, Inc. (FCI), Westminster, CO
 - Foreign Credentials Service of America, Austin, TX
 - Global Education Group, Inc., Miami, FL & Tucson, AZ
 - International Education Evaluations, Inc., Charlotte & Harrisburg, NC
 - International Education Evaluators, Surfside, FL
 - International Education Research Foundation, Inc., Culver City, CA
 - Institute of Foreign Credential Services, Dobbs Ferry, NY

- Jack Phillips, NJ
- Josef Silny & Associates, Inc. International Education Consultants, FL
- North American Education Group (NAEG), Swampscott, MA
- Visiting International Faculty Program (VIF), NC
- Worldwide Education Consultant Services, TX

Criteria for approval of credential evaluation agencies are outlined in State Board of Education Certification Rule 6A-4.003.

Contact Educator Certification

6A-4.003 Degrees, Programs, and Credits.

Degrees, programs, and credits shall be determined acceptable for educator certification purposes based on the following:

(1) Accredited institutions. Degrees and credits awarded by an institution of higher learning accredited by one (1) of the accrediting associations listed below shall be acceptable for educator certification purposes, as documented on the institution's official transcript.

(a) Regional accrediting associations. The regional accrediting associations are as follows:

1. The Southern Association of Colleges and Schools;
2. The Middle States Association of Colleges and Schools;
3. The New England Association of Schools and Colleges;
4. The North Central Association of Colleges and Schools;
5. The Northwest Commission on Colleges and Universities; and,
6. The Western Association of Schools and Colleges.

(b) Accrediting agencies approved by the United States Department of Education.

(2) Non-accredited approved institutions. A non-accredited approved institution of higher learning shall be identified as having a quality program resulting in a bachelor's or higher degree by one (1) of the following criteria:

(a) The institution is accepted for certification purposes by the state department of education where the institution is located;

(b) The institution was exempt from licensure in 2001 and has maintained qualifying criteria pursuant to section 1005.06, F.S. (2001);

(c) The institution is a newly created Florida public college or university that offers a bachelor's or higher degree program;

(d) The institution is located outside the United States and awards a degree that is the equivalent to a bachelor's or higher degree awarded by an accredited institution in the United States. Isolated credit will be acceptable for certification purposes provided the credit is the equivalent of college credit earned in the United States; or

(e) The degree from the institution was accepted by an accredited institution either in transfer or as a basis for admission into the graduate program which resulted in the conferral of a higher degree.

Documentation of degrees and credits from institutions within the United States or its territories shall be an official transcript. Documentation of degrees and credits from institutions outside the United States shall be an original credential evaluation report prepared by an accredited institution as specified in paragraph (1)(a) or (b) of this rule, or by a credential evaluation agency approved by the Department as specified in subsection (6) of this rule. An original credential evaluation report must include a summary of the equivalent United States postsecondary degree level and academic program awarded and, upon request, must also include a detailed breakdown of all courses into descriptive titles with equivalent United States postsecondary semester hours and grades.

(3) Highest acceptable degree level of training.

(a) The highest degree which has been awarded by an accredited or approved institution as described in subsections (1) and (2), of this rule, shall be recognized for certification. The degree level shall be determined by the criteria listed below.

1. Bachelor's degree. An earned bachelor's degree, such as the bachelor of arts, bachelor of science, or bachelor of education degree which normally required four (4) years of higher education; or a foreign degree that required sixteen (16) years of combined pre-university and university education; or a foreign degree that has been evaluated by a credential evaluation agency approved by the Department as specified in subsection (6) of this rule or an accredited or approved institution as the equivalent to a bachelor's degree from an institution as described in subsections (1) and (2) of this rule shall be recognized as the bachelor's degree level of training.

2. Master's degree. An earned master's degree or an earned advanced bachelor's degree of a professional nature, such as library science, in combination with an earned four-year bachelor's degree; or a post-bachelor's foreign degree that required at least five (5) years of higher education; or a foreign post-bachelor's degree that has been evaluated by a credential evaluation agency approved by the Department as specified in subsection (6) of this rule or an accredited or approved institution as the equivalent to a master's degree from an institution as described in subsections (1) and (2) of this rule shall be recognized as the master's degree level of training.

3. Specialist in education degree. An earned sixth-year post-master's level degree in education, such as specialist in education degree shall be recognized as the specialist's degree level of training.

4. Doctor's degree. An earned academic or professional doctor's degree, or an earned Bachelor of Laws (LLB) or higher law

degree granted by an institution of higher learning in the United States, or a foreign doctor's degree that required at least seven (7) years of higher education, or a foreign doctor's degree that has been evaluated by a credential evaluation agency approved by the Department as specified in subsection (6) of this rule or an accredited or approved institution as the equivalent to a doctor's degree from an institution as described in subsections (1) and (2) of this rule, shall be recognized as the doctor's degree level of training.

(b) A certificate, diploma, or other award shall not be recognized as an earned degree.

(4) Accreditation and acceptance of teacher education programs for specific certification purposes.

(a) Teacher education programs approved by the Florida Department of Education. A teacher education program approved by the Florida Department of Education shall fulfill the general and professional preparation requirements and the specialization requirements in the major subject of the approved program, as documented by the program completion statement on the institution's official transcript. The teacher education program shall have been approved at the time the program was completed.

(b) Inservice components in a Florida District Inservice Plan. A core of inservice components prescribed for a specific endorsement and approved by the district school board in the master inservice plan shall satisfy the specialization requirements for the designated endorsement. Successful completion of the components in the approved master inservice plan shall be verified by the Florida district superintendent.

(c) Teacher education programs in states other than Florida. A teacher education program at the bachelor's or higher degree level shall fulfill the general and professional preparation requirements and the specialization requirements for a certification subject area in accordance with the following provisions:

1. The teacher education program shall have been granted by an accredited or a Department approved institution; and,
2. The major subject of the approved program shall be in a subject in which Florida offers certification; and,
3. The instructional level of the major subject of the approved program shall be comparable to or broader than the instructional level at which Florida offers certification in the subject; and,
4. The program curriculum shall have included preservice field experiences and an internship or practicum appropriate to the certification subject area in a prekindergarten through grade 12 setting under the supervision of qualified educators; and,
5. When a master's or higher degree is required for Florida certification in a subject, the program must have been completed at the same or higher degree level.

Documentation of teacher education programs from institutions within the United States or its territories shall be an official transcript. Documentation of teacher education programs from institutions outside the United States shall be an original credential evaluation report prepared by an accredited institution as specified in paragraph (1)(a) or (b) of this rule, or by a credential evaluation agency approved by the Department as specified in subsection (6) of this rule. An original credential evaluation report must include a summary of the equivalent United States postsecondary degree level and academic program awarded and, upon request, must also include a detailed breakdown of all courses into descriptive titles with equivalent United States postsecondary semester hours and grades.

(5) American Council on Education college course credits. College course credits recommended by the American Council on Education (ACE) shall be acceptable for educator certification purposes as documented on an official ACE transcript.

(6) The Department shall approve an education credential evaluation agency that holds current membership in good standing with a nationally recognized association of credential evaluation services that have published standards for the evaluation of foreign credentials, admission standards for membership, an enforced code of ethics or good practice, and affiliations to national or international higher education associations, such as the National Association of Credential Evaluation Services (NACES) or the Association of International Credential Evaluators (AICE); or an agency that provides evidence of its compliance with all of the following:

(a) Employs evaluation staff that have recent, substantive experience in the United States evaluating foreign credentials covering all levels of education and verifies that staff receive on-going training and professional development in credential evaluation methods and procedures.

(b) Provides verification that the agency has developed and employs reliable procedures for accurately identifying the authenticity of foreign educational credentials and establishing the recognition or accreditation of academic institutions.

(c) Makes available to the public, clear and precise requirements for an evaluation, including required documentation, schedule of fees, and an estimate of the time typically required to complete an evaluation.

(d) Uses a current library of professionally accepted resources and reference materials pertinent to the evaluation of foreign credentials that includes standard references in the field and identifies bibliographic listing.

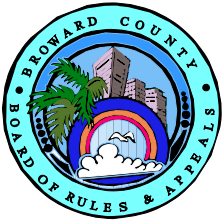
(e) Uses reliable services for accurately translating educational credentials from their original languages into English.

(f) Prepares evaluation reports based on documentation necessary to perform an accurate evaluation and specifically identifies documentation used to prepare the evaluation report, including the type of each authenticated document, the name and location of the institution, the name of the program, diploma, degree, major field of study, year(s) of completion, and the equivalency to earned accredited postsecondary college credit in the United States.

(g) Provides a list of three or more references with contact information for the agency's affiliation with national or international higher education associations, such as state departments of education, professional education organizations, or accredited postsecondary institutions.

Rulemaking Authority 1001.02, 1012.55, 1012.56 FS. Law Implemented 1001.02, 1012.55, 1012.56 FS. History—New 4-20-64, Amended 3-26-66, 4-8-68, 7-7-68, 4-11-70, 1-17-72, Repromulgated 12-5-74, Amended 6-22-76, 11-9-76, 10-12-77, 7-1-79, 1-3-82, 4-30-85, Formerly 6A-4.03, Amended 12-25-86, 9-12-89, 4-15-91, 11-25-97, 10-15-01, 3-22-05, 1-1-14, 6-23-16.

Section 6



BROWARD COUNTY
Board of Rules and Appeals
1 North University Drive, Suite 3500B, Plantation, Florida 33324

To: Board of Rules and Appeals

From: Administrative Director

Date: January 14, 2021

Re: Delegation of Board of Rules and Appeals' authority to establish the number of employees working at one time when physically at the office due to Covid-19 concerns, and to further establish written reporting requirements for employees who are working remotely.

RECOMMENDATION

It is recommended that the Board of Rules and Appeals adopt by motion the attached policy, due to reasons related to the Covid-19 pandemic. This policy will restrict the number of staff in attendance at the BORA offices. Currently we have a staff of 12 BORA employees authorized by budget appropriation. The proposed policy has the effect of most frequently having 3 to 4 members of the staff in attendance and no more than 5 individuals will be allowed at any one given time.

REASONS

Due to the current high number of Covid-19 infections, both in Florida and nation-wide, I recommend that we have a written policy to restrict the number of employees at any given time in the confined space of our BORA offices, as a public safety measure to help reduce the possibility of infection.

ADDITIONAL INFORMATION

Broward County is moving in the direction of fully staffing the government buildings in January 2021. Please refer to the attached announcement from Bertha Henry, County Administrator, dated October 30, 2020.

Thank you for time and consideration.

A handwritten signature in black ink, appearing to read "James DiPietro".

James DiPietro

DRAFT

Board Policy #21-01

Effective January 1, 2021

SUBJECT: Delegation of Board of Rules and Appeals authority to establish the number of employees working at one time, when physically at the office due to Covid-19 concerns, and to further establish written reporting requirements for employees who are working remotely.

POLICY

Due to Covid-19 concerns the administrative director is hereby authorized to staff BORA offices with the goal of having 25% to 33% percent of all the employee including the director, present at one time but in all cases a number less than 50% is the maximum amount to be in the office at the same time.

When an employee reporting to the director is working all day remotely, he or she must provide a report of the activities of that day in the written manner as specified by the administrative director.

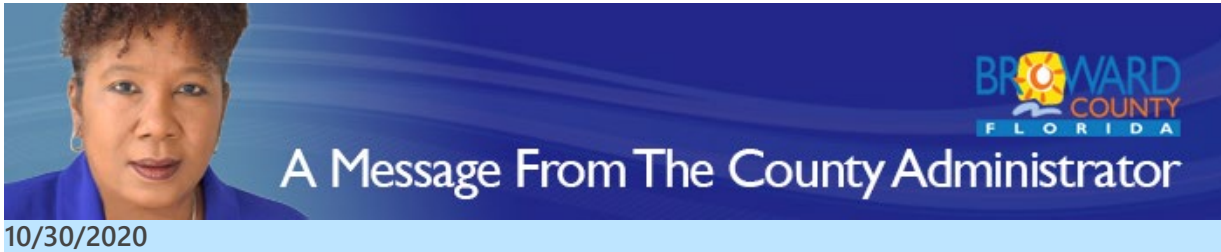
The implementation of this policy will not alter the regular working hours of the BORA offices.

G:\SHARED\Policies & Procedures\2021\Board policies\20-21 BORA Pol.
officeoccupancyCovid19.docx

From: [Dipietro, James](#)
To: [Boselli, Ruth](#); [Curry, Brianna](#)
Subject: FW: Message from the County Administrator
Date: Tuesday, December 1, 2020 10:49:21 AM

Please place in electronic agenda folder for next BORA meeting.

From: Henry, Bertha <BHENRY@broward.org>
Sent: Friday, October 30, 2020 5:54 PM
Subject: Message from the County Administrator



Preparing for a Return to the “New Normal”

The tumultuous ride we have been on for almost all of 2020 is expected to continue at least through the end of the year. In addition to concerns about COVID-19, November 3rd marks a landmark election for our nation that is almost certain to bring an emotional response, regardless of the outcome.

It's hard to predict what the rest of the calendar year will bring, but I am confident Broward County employees will face it with the same perseverance, dedication and determination you have exhibited over the last 10 months.

As you know, County government did not “close” or cease operations when the pandemic hit. While some events and traditional outreach activities were suspended, agencies continued to provide essential services either in-person, with a reduced level of service, or through alternative remote and/or contact-free methods (e.g. online).

In March and April, as South Florida experienced a growing number of COVID-19 cases and increases in positivity rates, Broward County sought ways to achieve social distancing to help keep our employees safe until key health indicators improved.

We implemented a temporary telework program for employees who were able to work remotely from home. County employees that were unable to telework were granted a temporary reduced work schedule, with a full day of paid administrative leave per week.

Returning to Regular Schedules

With Florida's governor recently mandating the opening of all businesses, and schools now back to in-person learning, there is more of a demand for in-person public services from the County. With the implementation of appropriate precautionary measures for employees and members of the public in our governmental facilities, it is now time to begin our own return to our new normal.

Effective Monday, November 2nd, the County will begin resumption of in-person services. This will be a gradual or “soft” reopening of in-person services to the public without any major announcements which will allow employees to reacclimate to in-person services. The temporary telework program and temporary reduced work schedule programs for employees will continue through December 31, 2020. If needed to provide in-person service, employees may be recalled from teleworking or be required to return to their regular 40-hour schedules consistent with the respective temporary programs.

Employee Precautions

I want to share with you some of the many steps the County has taken to prepare for this day.

- We've increased janitorial services for cleaning of offices, especially high-touch and public contact areas
- County vehicles, including buses, are sanitized regularly and thoroughly

Stay Informed

- [Sun eNews](#)
- [BrowardEmployee.org](#)
- [Broward Now](#)
- [Commission Meetings](#)
- [County Government](#)

Employee Spotlight

- [Service Anniversaries](#)

Employee Enrichment

- [Careers](#)
- [Learning](#)
- [Volunteer Opportunities](#)

- The County is supplying Personal Protective Equipment (PPE) including facial coverings, hand sanitizer and disinfecting wipes to employees
- Employees and members of the public are required to practice social distancing and wear facial coverings in all County facilities
- Protective plexiglass shields have been installed around open desk areas, and furniture, office and breakroom spaces have been reconfigured to support social distancing
- Technology has been acquired to conduct more virtual meetings which are encouraged
- Signage, floor markings and other messaging appear throughout the buildings
- In-person training has been replaced with virtual training

Facilities Management has reviewed all of the County's facilities that provide in-person services to ensure all necessary precautions have been taken. As a "second set of eyes", Risk Management has also reviewed the County's facilities to ensure that the necessary precautions are in place. These are some of the highlights, all of which meet or exceed recommendations of the Centers for Disease Control (CDC) and the Florida Department of Health. Individual agencies have adopted other precautions, based on their business operations and staffing needs.

Additional Employee Information and Resources

This pandemic is an unprecedented public health crisis that has impacted governments worldwide. While most employees have been coming to the workplace throughout the pandemic, I understand that, even with the precautions we are taking to keep our workspaces clean and our employees safe, some of you may be concerned about re-entering the workplace. Remember these additional resources may be available to assist you during this time if you qualify:

[Annual, sick or other applicable leave](#)

[Families First Coronavirus Response Act: FMLA Leave Expansion and Emergency Paid Sick Leave Policy](#)

[Family Medical Leave Act \(FMLA\)](#)

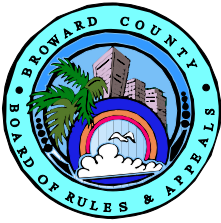
[Americans with Disabilities Act \(ADA\)](#)

[Employee Assistance Program \(EAP\)](#)

For more information on any of these assistance programs, contact your Human Resources representative.



Section 7



BROWARD COUNTY
Board of Rules and Appeals
1 North University Drive, Suite 3500B, Plantation, Florida 33324

To: Board of Rules and Appeals
From: Jim DiPietro, Administrative Director
Date: January 14, 2021
Re: One time 2% cash merit bonus for Chief Fire Code Compliance Officer

RECOMMENDATION

It is recommended that the Board of Rules and Appeals approve by motion a one-time merit bonus cash payment of 2% or \$2,716.33 to Bryan Parks. His salary is \$135,816.72.

REASONS

Bryan is our longest serving code compliance officer and does an outstanding job. He has been with the Board of Rules and Appeals since September 25th, 2006. He received his last raise of 3% effective October 4, 2020 and is now at the top of his pay grade, not qualifying for our 2% merit longevity bonus program which will occur for Mr. Parks at 15 years of service. During my vacation absences Bryan is designated to serve as acting Administrative Director, for which services he receives no additional compensation.

CONCLUSION

Because of his extra duties performed and outstanding service, I recommend that the Board authorize the one-time 2% merit payment.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "James DiPietro".

James DiPietro



BROWARD COUNTY BOARD OF COUNTY COMMISSIONERS
 Finance and Administrative Services Department
 Human Resources Division
PERSONNEL ACTION FORM (BC102-102)

Employee Number		1000209897			Last Name		Parks			First Name		Bryan			MI	C
Effective Date		Activity Code (HR09)			FLSA		<input type="checkbox"/> N <input type="checkbox"/> E									
Employment Status (HR10)		FULL TIME			BPN		06203			Position Title - Class		R&A CH CD COMPLIANCE OFFICER Z6460				
Unit (PP429)		Agency Name			BOARD OF RULES AND APPEALS							Agcy #	027			
Division Name		Div #			6030		Section Name			Sect #		010				
Sub-Section		Sub-Section #			Fund		0090			Org		7000				
Supervisor Name		James DiPietro			Supervisor Employee Number		1000036372									
Scheduled Hours		<input checked="checked" type="checkbox"/> 37.5 <input type="checkbox"/> 38 <input type="checkbox"/> 40 <input type="checkbox"/> 20 <input type="checkbox"/> Other			Hourly Rate		58.9726			Type of Salary Change (HR11)						
Shift Differential		<input type="checkbox"/> 1 st Shift <input type="checkbox"/> 2 nd Shift <input type="checkbox"/> 3 rd Shift <input type="checkbox"/> N/A <input type="checkbox"/> SD5 <input type="checkbox"/> SD25 <input type="checkbox"/> SD45 <input type="checkbox"/> SD50 AWC/DI			Weekend Shift		<input type="checkbox"/> Y <input type="checkbox"/> N			Employee Timekeeping Role		<input checked="checked" type="checkbox"/> Employee <input type="checkbox"/> Supervisor				
Lunch Period		<input type="checkbox"/> 30 <input checked="checked" type="checkbox"/> 60 <input type="checkbox"/> 00			Schedule		XXXXXXXXXXXXXXXXXXXX					Extra Board (Transit Only)		<input type="checkbox"/> Y <input type="checkbox"/> N		
Building Location												Work Phone #				
Probation End Date		Anniversary Date														

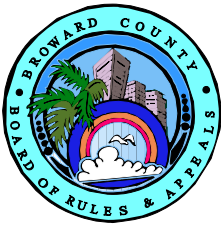
CHANGE/APPOINTMENT	SEPARATION	PERFORMANCE APPRAISAL
<input type="checkbox"/> Promotion <input type="checkbox"/> Demotion (County Action) <input type="checkbox"/> Demotion (Empl. Choice) <input type="checkbox"/> Reclass/Block Budget <input type="checkbox"/> Transfer <input checked="checked" type="checkbox"/> Pay Adjustment <input type="checkbox"/> Status <input type="checkbox"/> Relocate BPN <input type="checkbox"/> New Hire <input type="checkbox"/> Re-Hire <input type="checkbox"/> Reinstatement <input type="checkbox"/> Recall <input type="checkbox"/> Acting <input type="checkbox"/> Parallel Appointment <input type="checkbox"/> Work Out of Class <input type="checkbox"/> Other Requisition No. (if applicable)	<input type="checkbox"/> Resignation <input type="checkbox"/> Retirement <input type="checkbox"/> Dismissal <input type="checkbox"/> Layoff <input type="checkbox"/> Deceased <input type="checkbox"/> Disability Termination <input type="checkbox"/> End of Assignment <input type="checkbox"/> Other	Salary Increase <input type="checkbox"/> Add to Base <input checked="checked" type="checkbox"/> Cash Equivalent – if current hourly rate at maximum or above. 2% - \$2,716.33

LEAVE OF ABSENCE:		Start Date		Proposed Return Date		Actual Return Date	
Reason		FMLA Approver Name		FMLA Approver Employee Number			
Physical:	Required	<input type="checkbox"/>	Waived	<input type="checkbox"/>	Authorized By		

AUTHORIZED SIGNATURES Obtain authorized signatures as applicable. Division Director's signature certifies that the proposed effective date has been coordinated with the releasing agency (if applicable).

County Administrator		Date:	
Department Director		Date:	1/14/2021
Division Director		Date:	
Budget:	Date:	Human Resources:	Date:
Remarks by requesting office: Approved by Vote of the Board of Rules and Appeals on January 14, 2021		Human Resources use:	

Section 8



BROWARD COUNTY

Board of Rules & Appeals

1 North University Drive, Suite 3500B, Plantation, Florida 33324

Phone (954) 765-4500 Fax: (954) 765-4504

<http://www.broward.org/codeappeals>

TO: Members of the Board of Rules and Appeals
FROM: James DiPietro, Administrative Director
DATE: January 14, 2021
SUBJECT: Board Nominations and Elections for 2021

As a tradition the Board of Rules and Appeals elects its officers for the new year in December, if an appeal is pending or in January. This year the Board will elect a Chair and a Vice-Chair at the January 14, 2021 meeting. As a reminder, both positions must come from the voting members. The current voting members are as follows:

Mr. Daniel Lavrich, P.E. – Current Chair
Mr. Stephen E. Bailey, P.E.- Vice - Chair
Mr. Ron Burr
Mr. Gregg D’Attile,
Mr. John Famularo,
Mrs. Shalanda Giles Nelson,
Mr. Robert A. Kamm, P.E.
Mr. Sergio Pellecer
Mr. Daniel Rourke
Mr. John Sims,
Mr. Dennis A. Ulmer
Mr. Abbas H. Zackria, CSI

An alternate member of the Board who is seated for the meeting may vote but may not be a candidate for these positions. The effective date and time of the newly elected Chair and Vice-Chair to assume office will be at the close of the session. Attached you will find a record of meeting attendance, a practice requested by a former Board chair. If you have any questions regarding this matter, please contact me.

Thank you.

BORA MEETING ATTENDANCE

B O R A		57																											(*)									
Percentage of total of meetings since start date	Attended Meet.	Member name			2017 7 meetings							2018 8 meetings							2019 9 meetings							2020 6 meetings						80	Total # of Meetings					
		First	Last	Member since	1/12	3/9	5/11	6/8	8/10	10/12	11/9	1/11	2/8	3/8	4/12	5/10	6/10	9/13	10-22 10-23	1/10	2/14	3/14	4/11	5/9	6/13	9/12	10/10	11/14	1/9	2/13	3/12			7/9	9/10	10/8		
90.00	72	Ron	Burr	Jan-09	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	76
93.10	54	Gregg	D'Attile	Oct-07		1	1	1		1			1	1		1	1	1	1	1	1	1		1		1	1	1	1	1	1	1	1	1	1	1	58	
60.00	48	John	Famularo	Sep-07	1		1				1		1		1		1	1	1	1		1		1						1	1	1	1	1	1	80		
100.00	56	Shalanda	Giles Nelson	May-03	1		1	1	1		1	1		1	1	1			1		1	1					1	1	1	1	1	1	1	1	1	53		
88.24	30	Daniel	Lavrich	Mar-16		1	1	1	1		1	1		1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	64		
75.00	21	Robert	Kamm	Apr-16		1			1	1		1	1	1		1	1		1	1	1	1	1	1	1	1	1		1			1	1	1	1	21		
100.00	30	Daniel	Rourke	Mar-16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	30		
42.50	34	John	Sims	Nov-06		1				1		1	1		1	1																				29		
67.86	19	Stephen	Bailey PE	Feb-17			1	1		1	1	1		1	1	1		1	1	1	1	1	1	1	1		1	1	1		1				19			
96.15	25	Dennis	Ulmer	Jun-17				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	25		
64.79	46	Abbas H.	Zackria	Jul-09	1			1		1	1	1	1	1				1		1		1		1	1	1	1	1	1						46			
100.00	3	Sergio	Pellecer	May-20																												1	1	1	3			
				Grey indicates the member was not appointed at the time																																		
				Blank one is a missed meeting																																		
				(*) Total Number of Meetings Held Since Joining BORA																																		

Section 9

From: James DiPietro
Administrative Director



Subject: Small cities grant to support E-Permitting between the local government and Broward County.

Policy:

It is the policy of the Broward County Board of Rules and Appeals as authorized by the Broward County Commission to provide a one-time non-recurring grant to small cities of 50,000 population or less to support electronic permitting. The maximum amount to be reimbursed to the cities is equal to \$7,500. The funding of these grants was approved by vote of the Broward County Board of Rules and Appeals and the Broward County Commission effective for the fiscal year 2021, (October 1, 2020 thru September 30, 2021), and will automatically continue in future fiscal years if authorized by budgetary appropriation. This policy was created to encourage the e-permitting system the County's smallest jurisdictions and Broward County.

Guidelines:

A one-time grant to local jurisdictions shall be paid to cities of 50,000 population or less, on a reimbursement basis only, provided that all written paperwork is satisfactory submitted and that the purchase(s) is made on or after October 1, 2020. Documentation should be submitted, via USPS mail. Att. James DiPietro, 1 N University Drive, Suite 3500 B , Plantation FL, 33324 or via email to jdipietro@broward.org and Ruth Boselli rboselli@broward.org. As an example, the reimbursement request could consist of funds to cover the cost of a large format scanner capable of scanning plans, computer purchase, the cost to set up a kiosk or work station for the use of the public to access e-permitting. The request must be authorized in writing by the Chief Executive Officer or the Chief Financial Officer of the jurisdiction. The Administrative Director upon receipt of all the supporting proper paperwork will authorized the processing of the reimbursement thru the Broward County accounting division.

Attached is a list of local jurisdictions within Broward County eligible for the grant.

6.94

16	Oakland Park	44,085
17	North Lauderdale	43,574
18	Hallandale Beach	39,285
19	Cooper City	35,081
20	Lauderdale Lakes	34,744
21	Dania Beach	31,526
22	Parkland	28,901
23	West Park	14,960
24	Wilton Manors	12,407
25	Lighthouse Point	11,042
26	Southwest Ranches	7,820
27	Pembroke Park	6,491
28	Lauderdale-By-The-Sea	6,441
29	Hillsboro Beach	1,465
30	Sea Ranch Lakes	572
31	Lazy Lake	30

Source: Broward County
 Planning and Development
 Management Division (2018)
<https://bcgis.maps.arcgis.com/apps/MapSeries/index.html?appid=948a41100ff84e25a8d49d564814075d>

6.95

Section 10

MARK S. MUCCI, P.A.
Certified Civil Mediator

5561 NORTH UNIVERSITY DRIVE, SUITE 102
CORAL SPRINGS, FLORIDA 33067

BROWARD (954) 524-6800
WWW.BMWLAWYERS.NET

BRAD R. WEISS, P.A.
*Board Certified in Construction Law
Also Admitted in Michigan*

TELEPHONE (954) 323-1023
FACSIMILE (954) 323-1013

WILLIAM H. BENSON
(1929-2013)

BRIAN ABELOW

CHARLES M. KRAMER
OF COUNSEL
Board Certified in Construction Law

MATTHEW D. COHEN
*Senior Associate
Also Admitted in New York*

December 22, 2020

James DiPietro, Administrative Director
The Broward County Board of Rules and Appeals
1 N. University Drive, Suite #3500-B
Plantation, FL 33324

**ADVISORY OPINION REGARDING VIRTUAL
INSPECTIONS AND INSPECTIONS PERFORMED
IN WHOLE OR IN PART VIA ELECTRONIC MEDIA**

Jim,

You have asked the Office of General Counsel if virtual building inspections performed by electronic media are permissible in Broward County and further, if no law presently governs such inspections, whether the Broward County Board of Rules and Appeals may establish such law.

Summary:

Virtual inspections and the type, methods, and scope of such inspections are neither specifically permitted nor precluded under current Florida Statutes or Building Code. The Board of Rules and Appeals has the authority under Special Act 71-575 and the Broward County Charter to establish the law on a county-wide basis where there is no statutory pre-emption.

Qualification and provisions:

The rules governing the means of building inspection incorporate at least four primary fields of engineering- chemical, civil, electrical, and mechanical, with hundreds if not thousands of engineering analysis techniques. The question you pose pertains to the methods of inspection, the current legal status of performing visual inspection, and the Board's authority to create law through amendments to the Florida Building Code, Broward County Edition. This Advisory is confined to same.

Case precedent and historical perspective:

The methods for building inspection are set forth in Florida Statutes Sec. 468, and 553 and further to those statutory requirements, you have provided what you believe to be precedent in the form of:

- 1) a "Petition for Declaratory Statement Before the Building Code Administrators and Inspectors Board" ("BCAIB") date stamped November 15, 2018 which includes an Exhibits "A" incorporating
 - i) a "Petition for Declaratory Statement Before the Building Code Administrators and Inspectors Board" ("BCAIB") date stamped May 4, 2017 November 15, 2018
 - ii) a "Memorandum in Support of Petition for Declaratory Statement Before the Building Code Administrators and Inspectors Board" date stamped June 15, 2017; and
 - iii) a "Final Order" #DS 2017-038 and date stamped July 28, 2017 which was issued by the BCAIB.
- 2) a "Final Order" #DS 2018-078 date stamped February 27, 2019 from the Building Code Administrators and Inspectors Board ("BCAIB") which includes a Petition and support documents.
- 3) a "Final Order" #DS 2019-031 Date stamped August 1, 2019 from the Building Code Administrators and Inspectors Board ("BCAIB") which includes a Petition and support documents.

The forecited documents pertain to the practice of conducting virtual inspections via electronic media including through the use of a smartphone application or "app" and may entail coordination of video conferencing with GPS technology to provide live and recorded video of building inspections. However, the questions posed are not directed at any technical aspect nor the safety or efficacy of virtual inspection. Rather the Petitions all seek a determination of an inspector's status as to potential disciplinary action for conducting a virtual inspections where such inspections are not specifically forbidden by statute.

We see the propounding of a question as to protection from individual liability under F.S. Sec 468 as troubling from the onset because the precedent you cite appears to place a premium on expedience and convenience at the expense of requirements to safeguard the public health, safety and general welfare. See Florida Building Code Sec 101.3.¹ In all cases the BCAIB Final Orders go to great lengths to limit their application and to not only correct, but to openly state disagreement with numerous misrepresentations made by Petitioners with respect to

¹ By way of example, the question posed in the Petition for Declaratory Statement Before the Building Code Administrators and Inspectors Board ("BCAIB") date stamped November 15, 2018 Petition to Final Order #DS 2018-078 states as follows: "Without any limiting conditions or restrictions as set forth in Section 553.791(1)(i), Fla. Stat, will the virtual inspection of any and all required inspections under the Florida Building Code for both residential and commercial construction, including but not limited to new construction, renovations, alterations, and additions, conducted via Petitioner's smartphone application, as described herein, in and of itself subject Petitioner or properly licensed employees of his corporation, Innovative Construction Inspections, Inc., to disciplinary action under Chapter 468, Pat XII, Fla. Stat.?" This is essentially the same question posed to three (3) different jurisdictions, in all of the cited Final Orders of BCAIB.

accuracy, desirability, efficacy, and any endorsements by BCAIB. *See for example* Final Order #DS2018-078 *infra*.

Analysis:

i) Statute, Code and Home Rule

The well-established rule under Florida law is that a special act takes precedence over a general act when the two cannot be harmonized. *See Hillsboro Island House Condo. Apartments, Inc. v. Town of Hillsboro Beach*, 263 So. 2d 209, 212 (Fla. 1972). Florida courts have outlined exceptions to this general rule in certain circumstances. A subsequent general law may, by its terms, supersede a special law in conflict with it, but only if the manifest intent of the subsequent general law is to introduce a new and exclusive rule on the subject. *See Florida Power & Light Co. v. City of Miami*, 72 So. 2d 270 (Fla. 1954). *See also American Bakeries Co. v. Haines City*, 131 Fla. 790, 180 So. 524 (1938). A general law that is merely inconsistent with a special law or local provision of a charter, however, does not supersede such provision. *Oceancoast Corp. v. City of Miami Beach*, 221 So. 2d 802 (Fla. 3d DCA 1969). In so saying, a **municipality or local governing authority has the power to act under either the general law creating the exception or its special charter**. *See Broward County Charter Section 9.02 et al.*

The question of whether more stringent local government action conflicts with the less burdensome state statute or statewide code is best answered through the use of the underlying language. If no portion of the statute or code **expressly forbids** more stringent regulation, **the local government, or governing authority, may enact the regulation.**²

The Broward County Board of Rules and Appeals was granted its authority by Special Act Ch. 71-575 and incorporated in the Broward County Charter. Additionally, BORA was granted the authority to make special amendments to the Florida Building Code by and through the provisions of the Charter of Broward County. As such, all provisions of the Broward County Board of Rules and Appeals acting within its scope of authority, are authorized by special act of the Florida legislature. Therefore, under the general rule, clarifications and more stringent provisions instituted by the Board of Rules and Appeals which are not pre-empted by previous legislation have the power of state law within Broward County. This is axiomatic where BORA is legislatively established as the governing authority.

The Florida legislature has long recognized that the building regulations of Broward County require great local deference. This is illustrated by Broward County's designation as a High Velocity Hurricane Zone in the Florida Building Code. For this reason, the state has granted Broward County and BORA great independence in amending and enforcing its building regulations. With this legislative history in mind, it is not logical to conclude that the legislature or any other administrative or even legislative body intends to supersede the authority of BORA .

² §155.021(1), Fla. Stat. (2020) determines that municipalities may not enact legislation concerning subjects expressly preempted to the state by general law. In this case, the proposed code standard is not only not pre-empted, it is specifically permitted by the Broward County Charter and Special Act 71-575.

ii) Precedent as cite in Final Orders of the State of Florida Building Code Administrators and Inspectors Board

We have given careful review of all documents attendant to the three (3) Final Orders of the BCAIB and find that none of them create a statutory or code pre-emption with respect to limiting or precluding virtual building inspections via electronic media. More to the point, the BCAIB made it clear that its findings were very specific and only determined that the use of electronic media to conduct a virtual inspection does not “ipso facto subject an inspector’s license to disciplinary action.” See #DS 2019-031. The BCAIB went further in its Final Order #DS 2018-078 where it disagreed with almost every point which the Petitioner asserted as to efficacy, safety, or desirability of virtual inspections by stating *inter alia*:

The Board also made specific findings of fact that differ from the statements presented in the petition as follows:

- a. ***The Board does not endorse*** the means or method of performing inspections using the process or the product which forms the foundation of the petition and as it relates to disciplinary action.
- b. ***The Board disagrees*** with the statement in the last sentence of page 3 of the petition that this process and product which forms the foundation of the petition has been "allowed" by the Board.
- c. ***The Board disagreed*** with the statement in the last sentence of the 3rd paragraph of page 4 of the petition that;
"inspectors will be able to conduct more thorough and in- depth inspections allowing for safer construction across the board".
- d. ***The Board disagreed*** with the statement in the second sentence of the first paragraph on page 6 of the petition that;
"There are no inherent differences between the process conducted by the limited scope inspections and the expanded scope of use. Conducting such virtual inspections is in keeping with the responsibilities of a licensed building inspector as outlined in § 468.604 (2), Fla. Stat."
- e. ***The Board disagreed*** with the 3rd paragraph on page 6 of the petition that;
Further, the ability of an inspector to conduct a virtual inspection for the expanded scope as opposed to the limited scope inspections, in no way inhibits the inspector's ability to conduct an efficient, complete, and comprehensive inspection. The inspector is still able to properly enforce the applicable building codes and permit requirements in the state as provided under §468.621. (1)(g), Fla. Stat., and, because the inspector has more resources available to him while conducting such an inspection, the inspector is in a better position to verify the applicable codes and permitting requirements than an onsite inspector.

See Final Order #DS2018-078 at pg. 2

In so saying, any position that a virtual inspection is: 1) safer; 2) no different than a physical inspection; 3) necessarily in keeping with the responsibilities of a licensed building

inspector as outlined in §468.604 (2), Fla. Stat. (4) or is specifically allowed or endorsed by the BCAIB, is false.

Conclusion:

With the exception of recent, limited action permitting virtual inspections as the result of COVID-19, the issue of virtual building inspection is a question of first impression for the Broward County Board of Rules and Appeals.

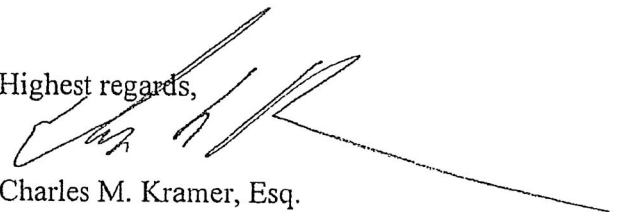
The Final Orders of the BCAIB in all prior cases make no determination as to a right to perform virtual inspections by previously existing legislation.

The issue of virtual inspections is something which is not specifically countenanced in the Florida Statutes or the Florida Building Code.

By the power of Special Act 71-575, the Board of Rules and Appeals has the authority to make special amendments to the Florida Building Code by and through the provisions of the Charter of Broward County. As such, governing action and determinations of the Broward County Board of Rules and Appeals while acting within its scope of authority, are authorized by Special Act of the Florida legislature and have the power of State law.

The Broward County Board of Rules and Appeals has the right to amend those sections of Chapter One of the Florida Building Code, Broward County Edition to preclude or allow virtual inspections including any limitations in scope as to the type, method, and scope of any virtual inspections.

Highest regards,



Charles M. Kramer, Esq.
Board Certified by the Florida Bar

MARK S. MUCCI, P.A.
Certified Civil Mediator

5561 NORTH UNIVERSITY DRIVE, SUITE 102
CORAL SPRINGS, FLORIDA 33067

BROWARD (954) 524-6800
WWW.BMWLAWYERS.NET

BRAD R. WEISS, P.A.
Board Certified in Construction Law
Also Admitted in Michigan

TELEPHONE (954) 323-1023
FACSIMILE (954) 323-1013

WILLIAM H. BENSON
(1929-2013)

BRIAN ABELOW

CHARLES M. KRAMER
OF COUNSEL
Board Certified in Construction Law

MATTHEW D. COHEN
Senior Associate
Also Admitted in New York

January 2, 2021

James DiPietro, Administrative Director
The Broward County Board of Rules and Appeals
1 N. University Drive, Suite #3500-B
Plantation Florida 33324

**ADVISORY OPINION REGARDING REQUIREMENTS FOR SIGNED AND SEALED
DRAWINGS WHEN CONSTRUCTION COSTS EXCEED \$30,000.00**

Jim,

You have asked the Office of General Counsel if a signed and sealed drawing from an Architect or Engineer is required when construction costs exceed \$30,000.00 for one or two family residences where the local rule (BCAP 107.3.4.0.3) appears to be in conflict with the general rule (Florida Statute § 481.229).

Synopsis:

A signed and sealed drawing from an Architect or Engineer is required when construction costs exceed \$30,000.00 for one or two family residences in Broward County.

Rule:

The question arises due to the language set forth in Section 107.3.4.0.3 of the Broward County Administrative Provisions for the Florida Building Code which is in conflict with Fla.Stat 481.229. More specifically, the relevant rule and statute state *inter alia*:

BCAP 107.3.4.0.3 – For alterations, repairs, improvements, replacements or additions to single-family residence, costing thirty thousand dollars (\$30,000.00) or more, as specified herein, the plans and/or specifications shall be prepared and approved by, and each sheet shall bear the impress seal of an Architect or Engineer. For any work involving structural design, the Building Official may

require that plans and/or specifications be prepared by and bear the impress seal of an Engineer, regardless of the cost of such work.

Fla.Stat. 481.229 Exceptions; exemptions from licensure. – (1) No person shall be required to qualify as an architect in order to make plans and specifications for, or supervise the erection, enlargement, or alteration of: (b) Any one-family or two-family residence building, townhouse, or domestic outbuilding appurtenant to any one-family or two-family residence, regardless of cost....

The inconsistent language of these provisions presents conflict of laws and preemption issues, which are governed by Florida constitutional law.

Analysis:

Pursuant to the Constitution of the State of Florida, the legislature may enact legislation by way of General Law or Special Law. *See* Art. III, § 10, Fla. Const. A general law operates uniformly upon all citizens across the state. *See State, Dept. of Business and Professional Regulation, Div. of Pari-Mutuel Wagering v. Gulfstream Park Racing Ass'n, Inc.*, 912 So. 2d 616 (Fla. 1st DCA 2005), *decision aff'd*, 967 So. 2d 802 (Fla. 2007). A special law is one relating to, or designed to operate upon, particular persons or things, or in a specifically indicated part of the state. *See Id.* *See also Schrader v. Florida Keys Aqueduct Authority*, 840 So. 2d 1050 (Fla. 2003).

The question of whether more stringent local government action conflicts with the less burdensome state statute is best answered through the use of the underlying statute's language. If no portion of the statute **expressly forbids** more stringent regulation, the local government may enact and enforce the regulation.¹ On the other hand, some Florida courts have held that the preemption need not be explicit, so long as it is clear that the Legislature has clearly preempted local regulation of the subject. *Santa Rosa County v. Gulf Power Co.*, 635 So. 2d 96, 100, 151 Pub. Util. Rep. 4th (PUR) 552 (Fla. 1st DCA 1994), cause dismissed, 641 So. 2d 1345 (Fla. 1994).

The Broward County Board of Rules and Appeals was granted its authority by Special Act Ch. 71-575 and incorporated in the Broward County Charter. Additionally, BORA was granted the authority to make special amendments to the Florida Building Code by under the Charter of Broward County. As such, all provisions of the BCAP are authorized by special act of the Florida legislature. Therefore, under the general rule, this provision prevails over general law 481.229.

In order for any exception to apply, 481.229 must, by its terms, explicitly supersede BCAP 107.3.4.0.3. In this case, there is no express language which manifests an intent to create a new and exclusive rule on the subject matter. The fact that the state law is inconsistent with BCAP 107.3.4.0.3, which is protected by the special charter of

¹ Commentator's view on test for whether local and state laws conflict. Judge James R. Wolf and Sarah Harley Bolinder, *The Effectiveness Of Home Rule: A Preemption And Conflict Analysis*, Florida Bar Journal 83-JUN FLBJ 92 (June 2009) (citing *Shetler v. State*, 681 So. 2d 730 (Fla. 2d DCA 1996

Broward County, does not necessitate preemption. Quite the opposite is true, as it gives the municipality the choice to act under whichever of the two laws it chooses.

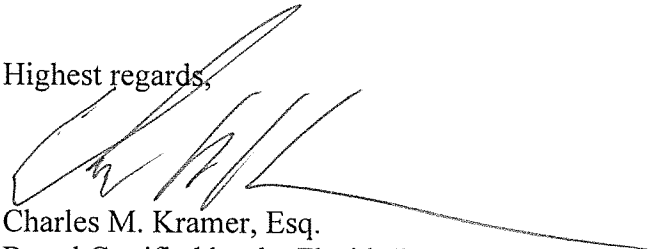
The Florida legislature has long recognized that the building regulations of Broward County require great local deference. This is illustrated Broward County's designation as a High Velocity Hurricane Zone in the Florida Building Code. For this reason, the state has granted Broward County and BORA great independence in amending and enforcing its building regulations. With this legislative history in mind, it is not logical to conclude that the legislature has, with the enactment of 481.229, intended to supersede or preempt the provisions of the of the BCAP.

Conclusion:

BCAP 107.3.4.0.3 was enacted pursuant to special act of the Florida legislature and adopted into the special Charter of Broward County. Fla.Stat. 481.229 is a general law which is intended only to apply to those counties not under specific direction and authority of a special act or Charter. Because the two provisions cannot be harmonized and there is no express language manifesting intent to preempt, BCAP 107.3.4.0.3 takes precedence over Fla. Stat. 481.229.

A signed and sealed drawing from an Architect or Engineer is required when construction costs exceed \$30,000.00 for one or two family residences

Highest regards,



Charles M. Kramer, Esq.
Board Certified by the Florida Bar