

**MECHANICAL TECHNICAL ADVISORY COMMITTEE
EMBASSY SUITES BY HILTON ORLANDO NORTH
225 SHORECREST DRIVE
ALTAMONTE SPRINGS, FLORIDA 32701
March 21, 2019
8:00 A.M.**

Minutes

MECHANICAL TAC PRESENT:

Oscar Calleja	Alex Hernandez
Joseph Crum	Don Pittman
Elizabeth Goll	Pete Quintela
Gary Griffin	David John

(To be Appointed)

MECHANICAL TAC NOT PRESENT

Larry Banks	Daniel Griffin
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STAFF PRESENT:

Mo Madani	Thomas Campbell
Justin Vogel	Chris Howell
Jim Hammers	Norman Bellamy
Marlita Peters	

MEETING FACILITATION:

The meeting was facilitated by Jeff Blair from the FCRC Consensus Center at Florida State University. Information at: <http://consensus.fsu.edu/>

Welcome:

Time: 8:00 am

Mr. Blair welcomed everyone to the meeting of the Mechanical TAC.

Roll Call:

Mr. Mr. Blair performed roll call for the Mechanical TAC. A quorum was determined with 7 members present at roll call. Commissioner John present (To be appointed)

Agenda Approval:

Mr. Blair asked for a motion to approve the agenda as posted if there were no changes.

Mr. Pittman entered a motion to approve the agenda for today's meeting as posted. Ms. Goll seconded the motion. The motion passed unanimously with a vote of 7 to 0.

Approval of the Minutes from July 23, 2018:

Mr. Blair asked for a motion to approve the minutes as posted if there were no changes.

Mr. Pittman entered a motion to approve the minutes from the July 23, 2018 meeting as posted. Mr. Crum seconded the motion. The motion passed unanimously with a vote of 7 to 0.

To accept public input and to provide recommendations on the proposed code changes for the update to the 7th Edition (2020) Florida Building code and local technical amendments, as applicable:

Mr. Blair provided a brief overview of the Code review process for this meeting. Mr. Blair provided the voting process and the standing motion to be used on each modification.

Standing Motion:

Move to recommend approval of the proposed modifications by the Technical Advisory Committee (TAC) based on the following findings [Section 553.73 (9)(a) and (9)(b), F.S.]:

- A. The modification is needed in order to accommodate the specific needs of this state; and
- B. The modification has a reasonable and substantial connection to the health, safety, and welfare of the general public; and

Standing Motion (cont.):

- C. The modification strengthens or improves the Florida Building Code, or in the case of innovation or new technology, will provide equivalent or better products or methods or systems of construction; and
- D. The modification does not discriminate against materials, products, methods, or systems of construction of demonstrated capabilities; and
- E. The modification does not degrade the effectiveness of the Florida Building Code; and
- F. The modification has the following fiscal impact:
 - 1. The fiscal impact of enforcement imposed upon local government is as indicated by the proponent.
 - 2. The fiscal impact of compliance imposed upon building and property owners is as indicated by the proponent.
 - 3. The fiscal impact of compliance imposed upon industry is as indicated by the proponent.
 - 4. The fiscal impact of compliance imposed upon small business is as indicated by the proponent (no impact or as specified by the proponent).
- G. The modification's benefits noted with regard to fiscal impact and efficacy outweigh the costs imposed.
- H. The modification does not diminish requirements related to wind resistance or prevention of water intrusion contained in the Code or its referenced standards and criteria.

Mr. Crum entered a motion to accept the standing motion. Mr. Pittman seconded the motion. The motion passed unanimously with a vote of 7 to 0.

Mr. Madani provided an overview of the tracking and code charts for the TAC members and the process being used for Code modifications.

SubCode: Building

9 – Fire Protection Systems

Bryan Holland, NEMA provided detail on the modification and requested NAR.

Standing motion, no second – NAR.

7383

10 – Means of Egress

8347

Ann Russo, BOAF and Peter Valenti provided detail on the modification.

Mr. Crum seconded the motion. The motion failed with a vote of 1 in favor and 6 against, NAR.

31-Special Construction

7365

Bryan Holland, NEMA provided detail on the modification.

Mr. Crum seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

SubCode: Existing Building

4 – Prescriptive Compliance Method

7355

Bryan Holland, NEMA provided detail on the modification and requested NAR.

Standing motion, no second – NAR.

7357

Bryan Holland, NEMA provided detail on the modification and requested NAR.

Standing motion, no second – NAR.

6-Repairs

8388

Ann Russo, BOAF and Joe Crum provided detail on the modification.

In Favor:
Building officials

Mr. Griffin seconded the motion. The motion failed with a vote of 3 in favor and 4 against, NAR.

8 – Repairs

7358

Bryan Holland, NEMA provided detail on the modification.

Standing motion, no second – NAR.

SubCode: Mechanical
2-Definitions

7273

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Standing motion, no second – NAR.

7274

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Standing motion, no second – NAR.

7275

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Standing motion, no second – NAR.

7276

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Standing motion, no second – NAR.

7278

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Mr. Crum seconded the motion. The motion failed with a vote of 0 in favor and 7 against, NAR.

7279

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Standing motion, no second – NAR.

7442

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Standing motion, no second – NAR.

7836

Amanda Hickman, AMCA provided detail on the modification.

In favor:

FHBA and Building Officials

Commissioner Calleja seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

8007

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Standing motion, no second – NAR.

3-General Regulations

7166

Brad Ketner proponent was not present.

Standing motion, no second – NAR.

7281

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Standing motion, no second – NAR.

7282

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Standing motion, no second – NAR.

7283

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Standing motion, no second – NAR.

7284

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Standing motion, no second – NAR.

7285

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Standing motion, no second – NAR.

7286

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Standing motion, no second – NAR.

4-Ventilation

7287

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Mr. Crum seconded the motion. The motion failed with a vote of 0 in favor and 7 against, NAR.

7289

James Bickford stated that the modifications were drafted using the language from ICC monograph.

In Favor:

Bryan Holland, NEMA and Building Officials

Commissioner Calleja seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

7290

James Bickford stated that the modifications were drafted using the language from ICC monograph.

In Favor:

Bryan Holland, NEMA and Building Officials

Mr. Crum seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

8209

Mike Moore proponent was not present.

Standing motion, no second – NAR.

8217

Mike Moore proponent was not present.

Mr. Crum seconded the motion. The motion failed with a vote of 4 in favor and 3 against, NAR.

8326

Joseph Lstiburek proponent was not present, Joe Belcher, FHBA provided detail on the modification and stated he supports.

In Favor:
Arlene Stewart

Commissioner Calleja seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

5-Exhaust Systems

7292

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Standing motion, no second – NAR.

7293

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Mr. Crum seconded the motion. The motion failed with a vote of 3 in favor and 4 against, NAR.

7294

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Mr. Quintela seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

7295

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Standing motion, no second – NAR.

7311

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Standing motion, no second – NAR.

7319

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Mr. Crum seconded the motion. The motion passed with a vote of 6 to 1 as submitted.

7320

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Mr. Crum seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

7321

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Mr. Crum seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

7322

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Standing motion, no second – NAR.

7323

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Mr. Crum seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

7324

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Standing motion, no second – NAR.

6-Duct Systems

7341

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Mr. Crum seconded the motion. The motion failed with a vote of 2 in favor to 5 against, NAR.

7343

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Standing motion, no second – NAR.

7344

James Bickford stated that the modifications were drafted using the language from ICC monograph.

In Favor:

Bryan Holland, NEMA and Building Officials

Mr. Crum seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

7346

James Bickford stated that the modifications were drafted using the language from ICC monograph.

In Favor:
John Woestman

Mr. Crum seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

7386

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Mr. Crum seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

7387

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Mr. Crum seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

7388

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Mr. Crum seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted with comment for definition.

7389

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Mr. Crum seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

7393

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Standing motion, no second – NAR.

7394

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Mr. Crum seconded the motion. The motion passed with a vote of 6 to 1 as submitted.

7936

Amanda Hickman, AMCA provided detail on the modification.

In Favor:

FHBA

Mr. Crum seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

8253

John Woestman provided detail on the modification.

Standing motion, no second – NAR.

8320

Joseph Lstiburek proponent was not present, Joe Belcher FHBA provided detail on the modification and stated he was in support.

In favor:

Arlene Stewart

Mr. Quintela seconded the motion. The motion passed with a vote of 6 to 1 as submitted.

8322

Joseph Lstiburek proponent was not present, Joe Belcher FHBA provided detail on the modification and stated he was in support.

In favor:

Arlene Stewart

Mr. Crum seconded the motion. The motion failed with a vote of 4 in favor and 3 against, NAR.

8325

Joseph Lstiburek proponent was not present, Joe Belcher FHBA provided detail on the modification and stated he was in support.

In favor:

Arlene Stewart

Commissioner Calleja seconded the motion. The motion passed with a vote of 5 to 2 as submitted.

8-Chimneys and Vents

7395

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Mr. Crum seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

9-Specific Appliances, Fireplaces and Solid Fuel-burning Equipment

7839

Amanda Hickman, AMCA provided detail on the modification.

In Favor:

Bryan Holland, NEMA

Mr. Crum seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

11-Refrigeration

7440

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Mr. Crum seconded the motion and subsequently withdrew the second. Standing motion, no second – NAR.

7453

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Standing motion, no second – NAR.

7488

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Standing motion, no second – NAR.

7489

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Standing motion, no second – NAR.

7491

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Mr. Crum seconded the motion. The motion failed with a vote of 1 in favor to 6 against, NAR.

7492

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Standing motion, no second – NAR.

7494

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Standing motion, no second – NAR.

12-Hydronic Piping

7572

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Mr. Crum seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

8004

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Standing motion, no second – NAR.

8008

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Mr. Crum seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

8011

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Mr. Crum seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

8013

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Standing motion, no second – NAR.

8030

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Standing motion, no second – NAR.

8033

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Standing motion, no second – NAR.

14-Solar Systems

8034

James Bickford stated that the modifications were drafted using the language from ICC monograph.

Mr. Crum seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

15-Referenced Standards

7113

Michael Steele proponent was not present.

Standing motion, no second – NAR

7842

Amanda Hickman, AMCA provided detail on the modification.

In Favor:

FHBA

Mr. Crum seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

7976

Amanda Hickman, AMCA provided detail on the modification.

In Favor:

FHBA and Building Officials

Mr. Crum seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

15-Minute Break

SubCode: Residential

2-Definitions

7361

Bryan Holland, NEMA requested NAR

Standing motion, no second – NAR

SubCode: Residential
3-Building Planning

7339

Bryan Holland, NEMA requested NAR

Standing motion, no second – NAR

7350

Bryan Holland, NEMA provided detail on the modification.

In Favor:
FHBA and Building Officials

Mr. Hernandez seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

7645

John Hall, Miami-Dade provided detail on the modification.

In Favor:
Bryan Holland, NEMA

Opposed:
FHBA, Arlene Stewart and Mike Silvers, FRSA

Mr. Quintela seconded the motion. The motion failed with a vote of 1 in favor and 6 against, NAR.

4 – Foundations

7655

Ann Russo, BOAF and Joe Crum provided detail on the modification.

Commissioner Calleja seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

14 – Heating and Cooling Equipment and Appliances

8360

Oscar Calleja provided detail on the modification.

Mr. Crum seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

15-Exhaust Systems

8152

Mike Moore proponent was not present.

Commissioner Calleja seconded the motion and subsequently withdrew the second – NAR.

8205

Mike Moore proponent was not present.

Mr. Crum seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

8362

Oscar Calleja provided detail on the modification.

In Favor:

FHBA and Building Officials

Mr. Hernandez seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

8364

Oscar Calleja provided detail on the modification.

In Favor:

FHBA, Mechanical Industry Representatives and Building Officials

Mr. Hernandez seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

16-Duct Systems

7800

Mo Madani provided detail on the modification based on DS 2016-100.

Commissioner Calleja seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

2712-Reference Standards

7975

Amanda Hickman, AMCA provided detail on the modification.

In Favor:

FHBA

Mr. Crum seconded the motion. The motion passed unanimously with a vote of 7 to 0 as submitted.

Local Amendments:

Pinellas County – Building Mechanical Chapter 3 (307.2.1) NAR

Pinellas County – Building Mechanical Chapter 9 (908.1) NAR

Public Comments: None

TAC Comments: None

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Adjourn:

Commissioner Calleja thanked everyone for their participation and adjourned the meeting at 10:15 a.m.