

**ROOFING TECHNICAL ADVISORY COMMITTEE
EMBASSY SUITES BY HILTON ORLANDO NORTH
225 SHORECREST DRIVE
ALTAMONTE SPRINGS, FLORIDA 32701**

March 20, 2019

At the conclusion of the Code Administration TAC

Minutes

ROOFING TAC PRESENT:

Brian Swope, Chairman
Jimmy Buckner
Richard Goff
Gaspar Rodriguez
Lorraine Ross
Mark Zehnal

Bob Boyer
Tyler Allwood for George Ebersold
Charlie Kennedy for Burt Logan
William Schultz
Karen Warseck

ROOFING TAC NOT PRESENT

STAFF PRESENT:

Mo Madani
Justin Vogel
Marlita Peters
Norman Bellamy

Thomas Campbell
Chris Howell
Jim Hammers

MEETING FACILITATION:

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

Time: --9:30 p.m.

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

Roll Call:

Mr. Blair performed roll call for the Roofing TAC. A quorum was determined with 11 members present.

Agenda Approval:

Commissioner Boyer entered a motion to approve the agenda for today's meeting as posted. Commissioner Goff seconded the motion. The motion passed unanimously with a vote of 11 to 0.

Approval of Minutes from July 25, 2018:

Commissioner Boyer entered a motion to approve the minutes from July 25, 2018 as posted. Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 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.

Commissioner Boyer entered a motion to accept the standing motion. Mr. Rodriguez seconded the motion. The motion passed unanimously with a vote of 11 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
2-Definitions

7603

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

In Favor:
Building Officials and FRSA

Commissioner Boyer seconded the motion and subsequently withdrew second.

Standing motion, no second – NAR.

8264

Joe Crum, BOAF provided detail on the modification.

In Favor:
Building Officials, Mike Fischer and AAMA

Commissioner Boyer seconded the motion. The motion passed with a vote of 10 to 1 as submitted.

15-Roof Assemblies and Rooftop Structures

7161

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

In Favor:
Building Officials

Opposed:
Mike Silvers, FRSA

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7182

Michael Goolsby, Miami-Dade provided detail on the modification.

In Favor:

Building Officials and Commissioner Schock

Opposed:

Mike Silvers, FRSA

Mr. Zehnal seconded the motion. The motion failed with a vote of 7 in favor and 4 against, NAR.

7185

Michael Goolsby, Miami-Dade provided detail on the modification.

In Favor:

Building Officials and roofers present

Ms. Warseck seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7186

Michael Goolsby, Miami-Dade provided detail on the modification.

In Favor:

Building Officials

Opposed:

Many Oyola

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7316

Mike Silvers, FRSA provided detail on the modification.

In Favor:
Building Officials and Rick Olson

Ms. Warseck seconded the motion. The motion passed with a vote of 10 to 1 as submitted.

7338

Gaspar Rodriguez provided detail on the modification.

In Favor:
Building Officials

Opposed:
Mike Silvers

Mr. Zehnal seconded the motion. The motion passed with a vote of 10 to 1 as submitted.

7342

Gaspar Rodriguez provided detail on the modification.

In Favor:
Building Officials and industry representatives

Mr. Buckner seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7356

Mike Silvers, FRSA provided detail on the modification.

In Favor:
Building Officials and industry representatives

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7380

Joe Crum, BOAF provided detail on the modification.

In Favor:
Building Officials

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7427

Eric Stafford, IBHS provided detail on the modification.

In Favor:
Building Officials, FRSA

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7437

Gaspar Rodriguez provided detail on the modification.

In Favor:
Building Officials, FRSA and Sal Defino

Mr. Buckner seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7438

Gaspar Rodriguez provided detail on the modification.

In Favor:
Building Officials and FRSA

Commissioner Goff seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7580

Mike Silvers, FRSA provided detail on the modification.

In Favor:

Roofing industry representatives

Mr. Kennedy seconded the motion. The motion passed with a vote of 9 to 2 as submitted.

7600

Deborah Lawson, FRDA provided detail on the modification.

In favor:

Dana Dodge, John Hall, Building Officials and Mike Silvers, FRSA, Joe Belcher, FHBA, MFA

Standing motion, no second – NAR.

7696

A motion was entered by Ms. Warseck and seconded by Commissioner Boyer to table and defer hearing until after modifications 8061 and 8063 are heard. The motion passed unanimously 11 to 0.

7703

Jon Roberts proponent not present, Bryan Holland provided detail on the modification.

Ms. Ross seconded the motion. The motion passed with a vote of 10 to 1 as submitted.

7830

Mike Silvers, FRSA provided detail on the modification.

In favor:

Rick Olson and Wade Sheppard

Opposed:

Eric Stafford, Commissioner Schock, Mike Goolsby, Jennifer Gupil

Mr. Allwood seconded the motion. The motion failed with a vote of 6 in favor and 5 against, NAR.

7872

Jon Roberts proponent was not present, Bryan Holland provided detail on the modification.

Ms. Warseck seconded the motion. The motion passed with a vote of 9 in favor and 2 against as submitted.

7878

Andy Williams proponent was not present.

Ms. Ross seconded the motion. The motion passed with a vote of 10 to 1 as submitted.

8061

Greg Keeler, Owens Corning provided detail on the modification.

In favor:

Eric Stafford, Mike Fischer, Mike Silvers, Building Officials, FRSA

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

8063

Greg Keeler, Owens Corning provided detail on the modification.

In favor:

Eric Stafford, Mike Fischer, Mike Silvers, Building Officials, FRSA

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

7696 pulled from the table:

Mr. Zehnal entered a motion to pull 7696 from the table. Ms. Warseck seconded the motion. The motion passed unanimously with a vote of 11 to 0.

Eric Stafford, IBHS provided detail on the modification.

In favor:

Commissioner Schock, Mike Fischer, FHBA, Building Officials

Opposed:

Tim Grabowski and Mike Silvers, FRSA

8080

Eric Stafford, IBHS provided detail on the modification.

In favor:

Building Officials

Opposed:

Mike Silvers, FRSA

Mr. Kennedy seconded the motion. The motion failed with a vote of 2 in favor and 9 against, NAR.

8158

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

In favor:

Building Officials

Opposed:

Rick Olson

Mr. Kennedy seconded the motion. The motion failed with a vote of 0 in favor and 11 against, NAR

8161

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

Opposed:
Mike Silver, FRSA

Mr. Kennedy seconded the motion. The motion failed with a vote of 0 in favor and 11 against,
NAR

8164

Ann Russo, BOAF withdrawn as duplicate

8273

Paul Coats, AWC provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as
submitted.

8291

Chadwick Collins proponent was not present, Mike Fischer provided detail on the modification.

In favor:
Building Officials, FRSA

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as
submitted.

8292

Chadwick Collins proponent was not present, Mike Fischer provided detail on the modification.

In favor:
Building Officials, FRSA

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as
submitted.

8293

Chadwick Collins proponent was not present, Mike Fischer provided detail on the modification.

In favor:

Building Officials, FRSA

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

8294

Chadwick Collins proponent was not present, Mike Fischer provided detail on the modification.

In favor:

Building Officials

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

8295

Chadwick Collins proponent was not present, Mike Fischer provided detail on the modification.

In favor:

Building Officials, FRSA

Opposed:

Rick Olson and Mike Goolsby

Mr. Kennedy seconded the motion. The motion failed with a vote of 1 in favor and 10 against, NAR.

8397

Mike Fischer, ARMA provided detail on the modification.

In favor:

Building Officials, FRSA

Commissioner Swope seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

8399

Mike Fischer, ARMA provided detail on the modification.

In favor:

Building Officials, FRSA

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

Lunch Break 1 hour 12:00 noon – 1:00 p.m.

31- Special Construction

7365

Bryan Holland, NEMA provided detail on the modification.

In favor:

Building Officials, FRSA

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

35-Referenced Standards

7366

Mike Silvers, FRSA provided detail on the modification.

In favor:

Building Officials, FRSA

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7843

Gaspar Rodriguez provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

8301

Chadwick Collins proponent not present, Mike Fischer provided detail on the modification.

In favor:

Building Officials, FRSA

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

8303

Chadwick Collins proponent not present, Mike Fischer provided detail on the modification.

In favor:

Building Officials, FRSA

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

**SubCode: Existing Building
2-Definitions**

7312

Mike Silvers, FRSA provided detail on the modification.

In favor:

Building Officials, FRSA

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7219

Gaspar Rodriguez provided detail on the modification.

In favor:

Building Officials, FRSA

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7314

Mike Silvers, FRSA provided detail on the modification.

In favor:

Building Officials, FRSA

Mr. Allwood seconded the motion. The motion passed with a vote of 10 to 1 as submitted.

7525

Mike Silvers, FRSA provided detail on the modification.

In favor:

Building Officials, FRSA

Commissioner Swope seconded the motion. The motion failed with a vote of 3 in favor and 8 against, NAR.

7581

Mike Silvers, FRSA provided detail on the modification.

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

7960

Gaspar Rodriguez provided detail on the modification.

In favor:

Building Officials, Eric Stafford, FRSA

Commissioner Swope seconded the motion. The motion passed with a vote of 9 to 2 as submitted.

8083

Harold Barrineau, BOAF and Joe Crum provided detail on the modification.

Standing motion, no second – NAR.

8177

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

Ms. Ross seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7645

John Hall provided detail on the modification.

Mr. Rodriguez seconded the motion. The motion failed with a vote of 1 in favor and 10 against, NAR.

7726

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

Standing motion, no second – NAR.

7347

Bryan Holland, NEMA provided detail on the modification.

Ms. Ross seconded the motion. The motion passed with a vote of 8 to 3 as submitted.

7348

Bryan Holland, NEMA provided detail on the modification.

Ms. Ross seconded the motion. The motion passed with a vote of 9 to 2 as submitted.

7353

Mike Silvers, FRSA provided detail on the modification.

Mr. Allwood seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7426

Eric Stafford, IBHS provided detail on the modification.

Commissioner Boyer seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7571

Mike Silvers, FRSA provided detail on the modification.

Mr. Kennedy seconded the motion. The motion passed with a vote of 10 to 1 as submitted.

7665

Greg Keeler, Owens Corning provided detail on the modification.

In Favor:

IBHS

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7694

Eric Stafford, IBHS provided detail on the modification.

In favor:

Commissioner Schock, FHBA, FRSA

Opposed:

Rick Olson, and Tim Grabowski

Mr. Kennedy seconded the motion. The motion failed with a vote of 7 in favor and 4 opposed, NAR.

7730

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

In favor:

Building Officials, Roofers and Commissioner Schock

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7782

Scott McAdam, BOAF and Joe Crum provided detail on the modification.

In favor:

Building Officials and Commissioner Schock

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7806

Scott McAdam, BOAF and Joe Crum provided detail on the modification.

In favor:

Building Officials and Commissioner Schock

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7865

Jon Roberts proponent was not present, Bryan Holland provided detail on the modification.

Mr. Ross seconded the motion. The motion passed with a vote of 10 in favor and 1 against as submitted.

7967

Andy Williams provided detail on the modification.

Ms. Ross seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

8060

Greg Keeler, Owens Corning provided detail on the modification.

In favor:

Building Officials and Roofers

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

8062

Greg Keeler, Owens Corning provided detail on the modification.

Standing motion, no second – NAR.

8077

Eric Stafford, IBHS provided detail on the modification.

In favor:

Commissioner Schock

Opposed:

Mike Silvers

Standing motion, no second – NAR.

8170

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

Ms. Ross seconded the motion. The motion failed with a vote of 0 to 11, NAR.

8288

Chadwick Collins proponent not present, Mike Fischer provided detail on the modification.

In favor:

Roofers and building officials

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

8290

Chadwick Collins proponent not present, Mike Fischer provided detail on the modification.

In favor:

Roofers and building officials

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

8400

Mike Fischer, ARMA provided detail on the modification.

In favor:

Roofers and building officials

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

3321-Solar-Ready Provisions-Detached-One and Two-family Dwellings (Townhouses)

7463

Richard Schauland proponent was not present.

Standing motion, no second – NAR.

2712-Reference Standards

7367

Mike Silvers, FRSA provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7808

Scott McAdam, BOAF and Peter Valenti provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

8302

Chadwick Collins proponent not present, Mike Fischer provided detail on the modification.

In favor:

Roofers and building officials

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

8305

Chadwick Collins proponent not present, Mike Fischer provided detail on the modification.

In favor:

Roofers and building officials

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

10-minute break to return 2:45 p.m.

SubCode: Test Protocols
1-111

7191

Mike Goolsby, Miami-Dade provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7221

Gaspar Rodriguez, Miami-Dade provided detail on the modification.

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

7349

Gaspar Rodriguez, Miami-Dade provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

1-117

7297

Jorge Acebo was not present, Mike Goolsby provided detail on the modification.

In favor:
Roofers and building officials

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

1-118

7198

Mike Goolsby provided detail on the modification.

In favor:

Roofers and building officials

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7351

Gaspar Rodriguez, Miami-Dade provided detail on the modification.

In favor:

Roofers and building officials

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

1-119

7200

Mike Goolsby provided detail on the modification.

In favor:

Roofers and building officials

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

1-120

7201

Mike Goolsby provided detail on the modification.

In favor:

Roofers and building officials

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7592

Gaspar Rodriguez, Miami-Dade provided detail on the modification.

In favor:

Roofers and building officials

Mr. Kennedy seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

1-130

7384

Mike Goolsby provided detail on the modification.

In favor:

Roofers and building officials

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

1-103

8282

Chadwick Collins proponent not present, Mike Fischer provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

1-104

Chadwick Collins proponent not present, Mike Fischer provided detail on the modification.

In favor:
FRSA

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

8283

Chadwick Collins proponent not present, Mike Fischer provided detail on the modification.

In favor:
FRSA

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

1-105

7184

Mike Goolsby provided detail on the modification.

In favor:
Roofers and building officials

Mr. Buckner seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

1-107

8284

Chadwick Collins proponent not present, Mike Fischer provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

1-110

7299

Jorge Acebo was not present, Mike Goolsby provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7300

Jorge Acebo was not present, Mike Goolsby provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7301

Jorge Acebo was not present, Mike Goolsby provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7303

Jorge Acebo was not present, Mike Goolsby provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7304

Jorge Acebo was not present, Mike Goolsby provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7305

Jorge Acebo was not present, Mike Goolsby provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7306

Jorge Acebo was not present, Mike Goolsby provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

7439

Gaspar Rodriguez, Miami-Dade provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

8299

Chadwick Collins proponent not present, Mike Fischer provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

1-114

7308

Jorge Acebo was not present, Mike Goolsby provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

8300

Chadwick Collins proponent not present, Mike Fischer withdrew as duplicate.

1-124

7183

Mike Goolsby provided detail on the modification.

Mr. Zehnal seconded the motion. The motion passed with a vote of 8 to 3 as submitted.

I-131

7307

Jorge Acebo was not present, Mike Goolsby provided detail on the modification.

Commissioner Goff seconded the motion. The motion passed unanimously with a vote of 11 to 0 as submitted.

8286

Chadwick Collins proponent not present, Mike Fischer withdrew as duplicate.

Local Amendment:

Pinellas County CLB – Building Chapter 15 (1510.10) NAR

Adjourn:

Chairman Swope thanked everyone for their participation and adjourned the meeting at 3:14 p.m.