

FLORIDA BUILDING COMMISSION



FACILITATOR'S SUMMARY REPORT OF THE OCTOBER 13, 2010 COMMISSION PLENARY SESSION GAINESVILLE, FLORIDA

FACILITATION, MEETING AND PROCESS DESIGN BY



CONSENSUS CENTER

REPORT BY JEFF A. BLAIR
FCRC CONSENSUS CENTER
FLORIDA STATE UNIVERSITY



jblair@fsu.edu
<http://consensus.fsu.edu>

This document is available in alternate formats upon request to Dept. of Community Affairs, Codes & Standards, 2555 Shumard Oak Blvd., Tallahassee, FL 32399, (850) 487-1824.

FLORIDA BUILDING COMMISSION

SUPPLEMENT TO THE OCTOBER 13, 2010 MINUTES

OVERVIEW OF COMMISSION'S KEY DECISIONS

TUESDAY, OCTOBER 13, 2010

Welcome

Chairman Rodriguez welcomed the Commission, staff and the public to Gainesville and the October 2010 plenary session. The Chair indicated that the primary focus of October's meeting was to consider recommendations from the Commission's various committees, to decide on product approvals, declaratory statements and accessibility waivers, and to conduct a workshop on fees for Commission functions/programs (Non-Binding Interpretations, Declaratory Statements, and Accessibility Code Waivers).

The Chair explained that if one wished to address the Commission on any of the issues before the Commission they should sign-in on the appropriate sheet(s), and as always, the Commission will provide an opportunity for public comment on each of the Commission's substantive discussion topics. The Chair explained that if one wants to comment on a specific substantive Commission agenda item, they should come to the speaker's table at the appropriate time so the Commission knows they wish to speak. The Chair noted that public input is welcome, and should be offered before there is a formal motion on the floor.

Commission Attendance

Raul L. Rodriguez, AIA, Chair, Hamid Bahadori, Bob Boyer, Dick Browdy, Ed Carson, Kiko Franco, Herminio Gonzalez, Jim Goodloe, Dale Greiner, Jeff Gross, Jon Hamrick, Nick Nicholson, Rafael Palacios, Drew Smith, John Scherer, Jim Schock, Chris Schulte, Tim Tolbert, Mark Turner, and Randall Vann.

Absent:

Donald Dawkins, Ken Gregory, Tony Grippa, Scott Mollan, and Jeff Stone.

DCA Staff Present

Rick Dixon, Jim Hammers, Mo Madani, and Jim Richmond.

Meeting Facilitation

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



Project Webpage

Information on the project, including agenda packets, meeting reports, and related documents may be found in downloadable formats at the project webpage below:

<http://consensus.fsu.edu/FBC/index.html>

Agenda Review and Approval

The Commission voted unanimously, 20 - 0 in favor, to approve the agenda for the October 13, 2010 meeting as amended. Following are the key agenda items approved for consideration:

- To Consider Regular Procedural Issues: Agenda Approval and Approval of the August 10, 2010 Minutes and Facilitator's Summary Report, and the September 21, 2010 Teleconference Facilitator's Summary Report.
- To Consider/Decide on Chair's Discussion Issues/Recommendations.
- To Review and Update the Commission Workplan.
- To Consider/Decide on Accessibility Waiver Applications.
- To Consider/Decide on Approvals and Revocations of Products and Product Approval Entities.
- To Consider Applications for Accreditor and Course Approval.
- To Consider/Decide on Legal Issues: Binding Interpretations, and Petitions for Declaratory Statements.
- To Consider Publishing Formats, Packaging and Costs for the 2010 Florida Building Code.
- To Conduct a Workshop on Fees for Non-Binding Interpretations, Declaratory Statements and Accessibility Code Waivers.
- To Consider/Decide on Electrical, Energy, Fire, Mechanical and Structural Technical Advisory Committees (TACs) Report/Recommendations.
- To Consider/Decide on Product Approval/Manufactured Buildings and Education Program Oversight Committee (POCs) Reports/Recommendations.
- To Consider/Decide on Workgroup/Subcommittee Reports/Recommendations:
- Accessibility Code and Law Workshop, Accessibility Code Workgroup, and Building Code System Assessment Ad Hoc Committee Reports.
- To Discuss Commissioner Comments and Issues.
- To Receive Public Comment.
- To Review Committee Assignments and Issues for the Next Meeting—December 6 - 8, 2010 in Melbourne.

Amendments to the Agenda:

None were offered.

Approval of the August 10, 2010 Minutes and Facilitator's Summary Report, and the September 21, 2010 Teleconference Facilitator's Summary Report

Motion—The Commission voted unanimously, 20 - 0 in favor, to approve the August 10, 2010 Minutes, August 10, 2010 Facilitator's Summary Report, and September 21, 2010 Facilitator's Summary Report as presented.

Amendments:

None.

Chair's Discussion Issues and Recommendations

Appointments

Chairman Rodriguez made the following appointments at the October 2010 meeting:
Ronald Muschong was appointed to the Accessibility Code Workgroup;
Steve Strawn was appointed to replace Dave Olmstead on the Structural TAC; and,
Skip Gregory rolled-off of the Accessibility Code Workgroup.

Florida Accessibility Code Update To Conform to Published DOJ Rules (9/15/10)

The Chair reported that the federal agency responsible for updating the ADA Accessibility Guidelines (ADAAG) completed the current update in 2004. Since that time the Department of Justice, which is responsible for adopting standards for compliance of buildings with Title II (state and local government facilities) and Title III (privately owned facilities), has been in the process of adopting the 2004 ADAAG and modifying additional standards, which together constitute the ADA Standards for Accessible Design (SAD). The DOJ has just completed the final step in the rule update process, publishing of its updated rules (Rules 28 CFR 35 and 28 CFR 36) in the September 15, 2010 Federal Register.

The new federal standards become mandatory March 15, 2012 and the Florida Accessibility Code must be updated to the new federal standards by that date in order to keep building owners from having to comply with two different standards. The Florida Legislature directed by law that the Florida Accessibility Code and laws must be updated by the Commission to maintain its federal certification as substantially equivalent to the Federal Standards for Accessible Design so designers and owners would have non-conflicting requirements and owners would have liability protection for violations of the architectural standards for their buildings.

The Chair indicated that if Florida was starting from ground zero, we would be under great pressure to conform the Florida Accessibility Code with the newly published SAD in the required timelines. However, recognizing that the DOJ was in the process of finalizing its rules updating the Standards for Accessible Design, Commissioner Gross, Accessibility TAC chair, asked the Chairman in 2008 to establish a workgroup to begin modifying the Florida Accessibility Code so the draft would be ready in advance of the deadline for the updated SAD. The Accessibility Code Workgroup starting meeting in February of 2009 and at the June 2010 Commission meeting completed work on a Draft of the Integration of Florida Specific Requirements with the New DOJ Standards. They are in the process now of conforming the Draft Integration document with the final published DOJ rule.

Florida law adopts the federal ADA Standards for Accessible Design as the basis for the Accessibility Code and establishes some additional requirements. It references specific sections of the federal Standards so at minimum, the section references in the law should be changed to correspond to section numbers in the new version of the federal Standards. It may also be necessary to modify some requirements in Florida law that were more stringent or at least as stringent as the first version of the federal Standards but need to be evaluated based on the new federal Standards.

In addition, the draft code based on the new federal Standards and any potential changes to current legislated policy in Florida law need to be vetted with groups representing persons with disabilities and with building owners and designers. The Commission conducted its first workshop Monday to explain the new draft code to the public and to solicit comments on the draft and current policies in Florida law. This moves us closer to our end goal of having the Florida Code certified to

the new Federal standards, but there is still much to be done to ensure the Florida code is updated before the new federal Standards become mandatory in March 2012.

The Chair reported that the Commission has one legislative session to complete any statutory changes necessary to update the Accessibility Code to maintain its federal certification. We must get stakeholders to consensus on changes so the proposals we make to the Legislature will not be viewed as controversial, and we have to accomplish this during the next four months, and during the same time period the Commission will be focused on completion of the 2010 Florida Building Code. This is an important issue and one in which the Commission will be judged. We are well underway thanks to the foresight of Commissioner Gross and staff and we are positioned to accomplish our goal thanks to the efforts of the members of our special Workgroup, but we need to focus on this final stage of determining and recommending any necessary statutory changes to conform to the new requirements.

CEUs for Commissioners and TAC Members

Chairman Rodriguez reminded participants that members of the Commission who are licensed contractors, building officials and/or engineers may be eligible for CEUs for their participation. In addition, TAC members may qualify for contractor CEUs for their participation on TACs. Interested participants should sign the relevant sheets.

Review and Update of Commission Workplan

Rick Dixon reviewed the updated Workplan and meeting schedule with the Commission and answered member's questions.

Commission Actions:

Motion—The Commission voted unanimously, 20 - 0 in favor, to approve the updated Commission Workplan and meeting schedule as presented.

(Included as Attachment 2—Commission's Updated Workplan)

Consideration of Accessibility Waiver Applications

The Commission reviewed and decided on the Waiver applications submitted for their consideration. A complete summary of accessibility waiver applications is included as an attachment to this Report.

(Included as Attachment 3—Accessibility Waiver Summary Report)

Consideration of Applications for Product and Entity Approval

Commissioner Carson presented the committee's recommendations for entities and Jeff Blair presented the committee's recommendations for product approvals. The complete results of product and entity applications are included as an attachment to this Report.

(Included as Attachment 5—Product and Entity Approval Report)

Consider Applications for Accreditor and Course Approval

Commissioner Browdy presented the POC's recommendations, and the Commission reviewed and decided on the accreditor and course applications submitted for their consideration as follows.

Commission Actions—Education POC:

Motion—The Commission voted unanimously, 20 – 0 in favor, to approve advanced course #444.0

Motion—The Commission voted unanimously, 20 – 0 in favor, to approve the following administratively approved updated advanced course(s) on a consent agenda: course(s) # 194.1.

(See Commission Minutes for Committee Report)

Consideration of Legal Issues

Appeals/Product Approval Revocations/Binding Interpretations

None/None/None

Legal Report

Appeal of Binding Interpretation #65

Jim Richmond indicated that the parties are pursuing an informal administrative process and he recommend the Commission authorize a teleconference meeting to consider the matter. The appeal is regarding 940 Ocean Drive, LLC: Breakwater/Edison Hotel.

Petitions For Declaratory Statements

Following are the actions taken by the Commission on petitions for declaratory statements.

Second Hearings

DCA10-DEC-146 by Gary Harrison, Building Official of Collier County

Motion—The Commission voted 20 – 0 in favor, approve the draft order.

First Hearings

DCA10 –DEC-175 by James Paula, Plans Examiner of St. Johns Building Department

Motion—The Commission voted 20 – 0 in favor, to dismiss the petition as outside the scope of Commission authority.

DCA10-DEC-182 by Jeffrey C. Friant, P.E. and Jeff Bedard of Sunesta Products, LLC.

Motion—The Commission voted 20 – 0 in favor, to approve the TAC’s recommendation on the petition.

Request for Relief from Florida Energy Code Requirements

Jim Richmond reported that the Commission received a request for relief from the Florida Energy Code and the Energy TAC developed recommendations as follows:

To the petitioner’s request that the Miami Art Museum be granted Special Use status as allowed by Section 13-101.1.5 of the Florida Building Code, Building, and that Petitioner be allowed to demonstrate compliance with Chapter 13 of the Florida Building Code, Building, using a hybrid method for calculating the Museum’s energy usage, the answer is

Yes, the Miami Art Museum should be granted Special Use status based on its need to protect artwork through increased air recirculation in accordance with relevant criteria in the ASHRAE HVAC Applications Handbook, and may comply with Chapter 13 of the Florida Building Code by Proponent’s

proposed hybrid methodology subject to the clarification that the Baseline budget to which the building is compared is Chapter 11 of ASHRAE 90.1-2004 with a 0.85 multiplier.

At the conclusion of public comment and discussion the Commission took the following action:

Commission Actions:

Motion—The Commission voted unanimously, 20 - 0 in favor, to provide the requested relief per the Energy TAC's recommendations.

(Included as Attachment 4—Legal Report)

Consider Publishing Formats, Packaging and Costs for the 2010 Florida Building Code

The Chair indicated that at the August meeting the Commission discussed how the different code volumes will be printed and packaged including publishing the Energy and Accessibility Codes as separate sub-code volumes. At the October meeting the Commission reviewed options, costs and will make a decision regarding 2010 Code publication formats once the final cost estimates are complete.

Workshop on Fees for Non-Binding Interpretations, Declaratory Statements and Accessibility Code Waivers

Chairman Rodriguez explained that the 2010 Legislature authorized the Commission to charge fees for Non-Binding Interpretations, Declaratory Statements and Accessibility Code Waivers. The purpose of this workshop is to solicit public feedback regarding the fee structure for the respective Commission functions.

Non-Binding Interpretations and Declaratory Statements: Section 553.775 (4) provides that the Commission may adopt by rule and impose a fee to recoup the cost of the proceedings which may not exceed \$125 for each request for non-binding interpretations and declaratory statements.

Staff estimated the cost per non-binding opinion to be: \$118.12, and the cost per declaratory statement to be: \$1,405.68.

Accessibility Code Waivers: Section 553.512 (1) provides that the Commission shall establish by rule a fee to be paid upon submitting a request for an Accessibility Code waiver. Staff has estimated the cost per waiver application to be \$672.56 for in-person meetings and \$558.93 for teleconference meetings.

The Florida Accessibility Code Workgroup voted unanimously to recommend the Commission initiate rulemaking to implement fees for accessibility waiver requests as follows: fee per application shall be cost neutral or less; cost of fees reviewed at a regular frequency; indexed to scope of the project with clear criteria for same; provide a provision for evaluating the necessity for the waiver application (parallel the AHCA desk review process with a minimum fee if waiver is not required).

Following questions and answers, public comment, and Commission discussion the Commission voted as follows:

Commission Actions:

Motion—The Commission voted unanimously, 20 - 0 in favor, to defer action on considering fees for Non-Binding Interpretations and Declaratory Statements and review the issue at the February 2011 meeting.

Motion—The Commission voted unanimously, 20 - 0 in favor, to initiate rule development regarding establishing fees for requests for an Accessibility Code waivers.

Committee Reports and Recommendations

The Chair requested TAC/POC chairs to confine their reports to a brief summary of any key recommendations, emphasizing those issues requiring an action from the Commission. The Chair requested if the TAC/POC requires Commission action, to frame the needed action in the form of a proposed motion. This will ensure that the Commission understands exactly what the TAC/POC's are recommending, and the subsequent action requested of the Commission. The Chair explained that the complete reports/minutes will be entered into the record and included as a part of the Commission's report for review and approval at the next Commission meeting.

Accessibility Code and Law Workshop

Jeff Blair reported that the purpose of the Workshop is to provide an overview of the Draft Document Integrating Accessibility Standards of Florida Law with the New DOJ Standards for Accessible Design (SAD) and the document identifying where Florida Requirements are integrated into the SAD/2004 ADAAG and to solicit feedback from stakeholders. In additions, feedback on proposed statutory revisions necessary to conform Florida Requirements with the SAD was requested.

Commission Actions:

Motion—The Commission voted unanimously, 20 – 0 in favor, to accept the meeting report.

Accessibility Code Workgroup Report and Recommendations

Jeff Blair reported that the Workgroup is finalizing recommendation regarding the Draft Document Integrating Accessibility Standards of Florida Law with the New DOJ Standards for Accessible Design (SAD) and the document identifying where Florida Requirements are integrated into the SAD/2004 ADAAG, and proposed statutory revisions necessary to conform Florida Requirements with the SAD for inclusion in the Commission's Report to the 2011 Legislature.

Commission Actions:

Motion—The Commission voted unanimously, 20 – 0 in favor, to accept the meeting report.

Building Code System Assessment Ad Hoc Committee

Chairman Rodriguez reported that 2011 will mark 10 years since the first Edition of the Florida Building Code (2001 FBC) became effective, and presents an opportunity to evaluate the efficacy of the Building Code System. The Building Code System Assessment Ad Hoc recommended that the Commission initiate a comprehensive process to review and develop recommendations in consultation with stakeholders regarding enhancements to the Florida Building Code System. The process would be initiated in early 2011 with final recommendations delivered to the Commission for inclusion in the Commission's Report to the 2012 Legislature.

Following question and answers and discussion, the Commission took the following action:

Commission Actions:

Motion—The Commission voted unanimously, 20 – 0 in favor, to initiate a comprehensive process to evaluate the Florida Building Code System with recommendations delivered to the 2012 Florida Legislature. Staff will provide a proposed workplan for the project for consideration by the Commission at the December 2010 meeting.

Education POC

Commissioner Browdy presented the Committee's report and recommendations.

Commission Actions:

Motion—The Commission voted unanimously, 20 – 0 in favor, to accept the report.

Motion—The Commission voted unanimously, 20 – 0 in favor, to repeal the language related to the Building Code Core Education Requirement, contained in Rule 9B-70.001, Florida Administrative Code.
(See *Commission Minutes for Committee Report*)

Energy TAC

Commissioner Greiner presented the Committee's report and recommendations.

Commission Actions:

Motion—The Commission voted unanimously, 20 – 0 in favor, to accept the report.

(See *Commission Minutes for Committee Report*)

Product Approval POC

Commissioner Carson presented the Committee's report and recommendations.

Commission Actions:

Motion—The Commission voted unanimously, 20 – 0 in favor to accept the report.

(See *Commission Minutes for Committee Report*)

Structural TAC

Commissioner Schock presented the Committee's report and recommendations.

Commission Actions:

Motion—The Commission voted unanimously, 20 – 0 in favor, to accept the reports from the August 23 – 24 and October 7, 2010 meetings.

(See *Commission Minutes for Committee Report*)

Commission Member Comment and Issues

Chairman Rodriguez invited Commission members to make any general comments to the Commission, or identify any issues or agenda items for the next Commission meeting.

Commission Member Comments:

- Palacios: need to provide CEUs for engineer's participation in the Commission process.
- Schock: I know the chair of the Board of Professional Engineers and will speak to him regarding whether engineers can also receive credits for participation on the FBC process.
- Palacios: regarding travel reimbursement, I checked with the CILB and they still get paid as before and get full mileage. I think we should send a protest letter.
- Goodloe: DFS is requiring the same thing as DCA is.
- Hamrick: DOE is also has restrictions on travel.
- Browdy: the effort to generate revenue enhancements is creating financial hardship to contractors. \$4.00/square foot is expensive. Need to remember that efforts to provide economic incentives should not penalize contractors.

- Greiner: need to clarify that the permit fees also include zoning, environmental, etc. and not just for building department functions.

General Public Comment

Chairman Rodriguez invited members of the public to address the Commission on any issues under the Commission's purview.

Public Comments:

- Glenn (FHBA): there are 90 proposed TAC recommendations to remove Florida Specific Requirements. This is part of the effort to remove un-needed Florida Specifics Requirements.
- O'Conner (BOAF, AIA, FHBA): we are requesting that the Commission members do their homework in preparation for the December Code Rule Adoption Hearing and review the amendments to determine if there is a Florida Specific need for each of the amendments. Florida should eliminate Florida Specific unless there is a true Florida need. The FBC is already three years behind the ICC and we need to get it to only one year behind.
- Harvey (BOAF): thank you for the hard work on the Code development process. Please review amendments for Florida Specific need and work to eliminate those that are not needed. This will help with consistency and enforcement of the Code.

December Meeting

The December Commission meeting will focus on the Rule Adoption Hearing for Commission consideration of TAC recommendations regarding proposed amendments to the Florida Building Code. The length of the meeting will depend on how many comments are received on the TAC's recommendations, and staff will advise Commissioners as soon as possible on the December meeting dates.

Adjourn

The Chair adjourned the meeting at 10:55 AM.

ATTACHMENT 1

MEETING EVALUATION RESULTS

October 14, 2010—Gainesville, Florida

Average rank using a 0 to 10 scale, where 0 means totally disagree and 10 means totally agree.

1. Please assess the overall meeting.

- 9.78 The background information was very useful.
- 9.78 The agenda packet was very useful.
- 9.89 The objectives for the meeting were stated at the outset.
- 9.89 Overall, the objectives of the meeting were fully achieved.

2. Do you agree that each of the following meeting objectives was achieved?

- 9.83 Accessibility Waiver Applications.
- 9.83 Approvals and Revocations of Products and Product Approval Entities.
- 9.83 Applications for Accreditor and Course Approval.
- 9.83 Legal Issues and Requests for Declaratory Statements.
- 9.78 Legislative Issues Update and Discussion.
- 9.83 Chairs Issues and Recommendations.
- 9.83 Commission's Workplan and Meeting Schedule Review and Update.
- 9.83 Publishing Formats, Packaging and Costs for the 2010 Florida Building Code.
- 9.78 Fees for Non-Binding Interpretations, Declaratory Statements and Accessibility Code Waivers.
- 9.78 TAC and POC Reports and Recommendations.
- 9.83 Workgroup, Ad Hoc, and Committee Reports and Recommendations.

3. Please tell us how well the Facilitator helped the participants engage in the meeting.

- 9.83 The members followed the direction of the Facilitator.
- 9.83 The Facilitator made sure the concerns of all members were heard.
- 9.61 The Facilitator helped us arrange our time well.
- 9.83 Participant input was documented accurately in Meeting Notes and Facilitator's Report (last meeting).

4. Please tell us your level of satisfaction with the meeting?

- 9.78 Overall, I am very satisfied with the meeting.
- 9.78 I was very satisfied with the services provided by the Facilitator.
- 9.94 I am satisfied with the outcome of the meeting.

5. Please tell us how well the next steps were communicated?

- 9.83 I know what the next steps following this meeting will be.
- 9.89 I know who is responsible for the next steps.

6. What did you like best about the meeting?

- The manner in which the meetings are conducted.
- Chair and facilitator kept meeting moving and on point.
- Moved along well- very brief meeting.
- Everyone was using microphones faithfully, Thank you!
- Good interaction aiming member discussions.

7. How could the meeting have been improved?

- Seemed to run perfectly.
- Not meet in Gainesville. Go Noles!
- Start all meetings on time. People showing up late. There seems to be no concern on starting on time.
- Meeting in central Florida, I.E. at or near by Orlando.
- Add tea and coffee.

8. Do you have any other comments?

- Great DCA staff to work with.
- Jeff is a fantastic facilitator.
- Sound system was great!
- Hilton was very receptive to reservation changes required when final agenda was disturbed. Some Commissioners made the decision to stay at alternate location due to their resistance to keeping fees at the set rate.

Comments on Specific Agenda Items:

None were provided.

PUBLIC-MEETING EVALUATION AND COMMENT RESULTS

None were completed.

ATTACHMENT 2
COMMISSION'S UPDATED WORKPLAN AND MEETING SCHEDULE

(Adopted October 13, 2010)

MEETING DATES

<u>2010</u>	<u>Meeting Location</u>	<u>Reservation Deadline</u>
February 1,2 & 3	Embassy Suites, Tampa, (813-977-7066)	January 1, 2010
April 5, 6 & 7	Hilton Hotel, Gainesville, (352-371-3600)	March 4, 2010
June 7, 8 & 9	Rosen Centre, Orlando, (800-204-7234)	May 6, 2010
August 9, 10 & 11	Crowne Plaza, Melbourne, (321-777-4100)	July 16, 2010
October 11, 12 & 13	Hilton Hotel, Gainesville, (352-371-3600)	September 9, 2010
December 6, 7 & 8	Crowne Plaza, Melbourne, (321-777-4100)	November 12, 2010

<u>Teleconference Meetings</u>		
March 8	10:00 AM	
March 15	10:00 AM	
March 29	10:00 AM	Number: 888-808-6959
April 12	10:00 AM	Call Code: 1967168
April 19	10:00 AM	
April 26	10:00 AM	

<u>2011</u>	<u>Meeting Location</u>
Jan 31 & Feb1 & 2	Embassy Suites, Tampa (813-977-7066)
April 4, 5 & 6	Embassy Suites, Tampa (813-977-7066)
June 6, 7 & 8	Hilton Hotel, Gainesville, (352-371-3600)
August 8, 9 & 10	Rosen Centre, Orlando, (800-204-7234)
October 10, 11 & 12	<i>[pending- Daytona or Melborne Hilton]</i>
December 5, 6 & 7	Hilton Hotel, Gainesville, (352-371-3600)

2012**Meeting Location**

Jan 31 & Feb 1 & 2

April 2, 3 & 4

June 11, 12 & 13

Note: 10 wks between Apr-Jun due to Easter Apr 8 and BOAF conf Jun 2-7

August 6, 7 & 8

October 8, 9 & 10

December 3, 4 & 5

2013**Meeting Location**

Feb 4, 5 & 6

April 8, 9 & 10

Note: Easter is Mar 31 so moved Apr mtng back one wk

June 11, 12 & 13

August 12, 13 & 14

October 7, 8, & 9

December 9, 10 & 11

Note: Thanksgiving Nov 28 so moved Dec mtng back one wk

2014**Meeting Location**

Feb 3, 4 & 5

March 31 & April 1 & 2

June 2, 3 & 4

Note: 8 wks between Feb-Apr mtng and reg 9 wks Apr-Jun to avoid conflict BOAF conf Jun 7-14

August 4, 5 & 6

October 6, 7 & 8

December 8, 9 & 10

2015**Meeting Location**

Feb 2, 3 & 4

Mar 30, 31 & April 1

June 1, 2 & 3

Note: 8 wks between Feb-Apr mtng due to Easter Apr 5 and BOAF conf Jun 6-11

August 3, 4 & 5

October 5, 6 & 7

December 7, 8 & 9

FLORIDA BUILDING COMMISSION 2010 WORKPLAN

ANNUAL ADMINISTRATIVE TASKS

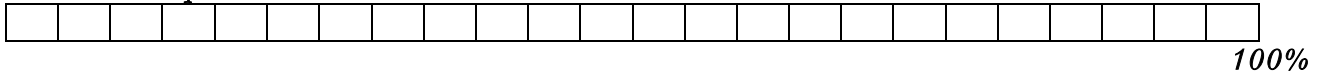
1. Report to 2011 Legislature

Schedule:

Commission identifies and receives draft recommendations	10/10
DCA editorial review	1/28/11
Chairman’s final approval	2/14/11
Commission report to 2009 Legislature	2/28/11

Status: Pending

% Complete



Origination: Commission. Annual task authorized by statute

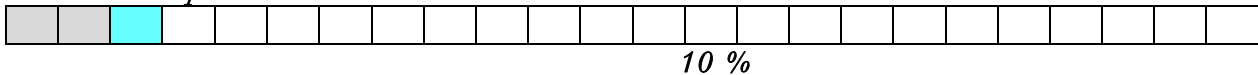
21. Conduct Triennial Assessment of the Florida Building Code System for Report to the Legislature

Schedule:

Conduct Assessment Survey	7/10-9/10
Appoint Commission AdHoc Committee	8/10/10
AdHoc Committee meetings	10/12/10
Committee report to Commission	10/13/10
Expanded assessment plan presented/approved at Commission	12/8/10
Report to 2011 Legislature (See Task 1)	2/28/11
Expanded assessment conducted	1/11-9/11
Recommendations reviewed in public workshop	10/11
Commission finalizes recommendations to 2012 Legislature	12/11
Report to 2012 Legislature	2/28/12

Status: Pending

% Complete



2. Workplan Prioritization

Schedule:

Survey sent to Commissioners 11/10
 Review results at meeting 2/11

Status: Pending

% Complete



100%

Origination: Commission. Annual task.

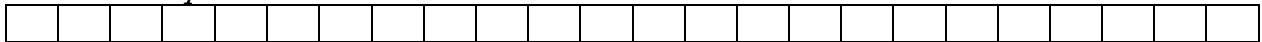
3. 2010 Commission Effectiveness Assessment Survey

Schedule:

Discussion of survey instrument at Commission meeting 12/10
 Review results at meeting 2/11

Status: Pending

% Complete



100 %

Origination: Commission. Annual task.

2010 FBC UPDATE DEVELOPMENT TASKS

**5. 2010 Update to the Florida Building Code
 Workplan Priority 2**

Schedule:

Printed 2009 International Codes published and available to the public 4/2/09
2009 I Codes must be available to public for 6 months prior to selection
 Commission selects 2009 I Codes as foundation for 2010 FBC (*Oct Cmsn meeting*) 10/13/09
 Staff evaluates changes of 2006 to 2009 I Codes for overlap with Florida amendments 4/09-11/09
 TACs review existing Florida amendments that overlap with 2006 to 2009 I code 12/6/09-1/20/10
 changes and develop recommendations for retaining the Florida amendment
 or the new I code requirement. (*see subtask below*)
 All existing Florida amendments compiled in 2009 I Codes format posted to website 2/1/10
 including TAC recommendations for “overlapping” amendments

Note: Proposed amendments to existing “Florida specific” code requirements must be made to the section numbers provided in this document. Staff will not correlate proposals for proponents.

Local amendments posted to the website	2/1/10
FFPC to FBC correlations/overlaps identified and recommendations developed <i>(see subtask below)</i>	1/20/10
Submittal of new proposed amendments for the 2010 FBC opens	3/1/10
New proposed amendments for the 2010 FBC due and process closes	4/2/10
Proposed amendments reviewed by staff and posted to the Commission website	4/15/10
45 day comment period ends <i>(By law- 45 day min before TAC review)</i>	6/1/10
TACs Review Proposals at Rule Development Workshop	
TACs review proposed Florida amendments and adopt recommendations at Rule Development Workshop	7/27/10 8/9-12/10
<i>(Spec Occup 7/15; Structural & Energy 8/23-25; all others at August 2010 Commission meeting)</i>	8/23-24/10
TAC recommendations posted to the website	9/3/10 45 day
comment period ends <i>(By law- 45 day min before Commission review)</i>	10/18/10
Commission Reviews TAC Recommendations at Rule Adoption Hearing	
TACs review comments on their recommendations and prepare public comment for the Rule Hearing	11/15/10
Commission considers TAC recommendations on proposed amendments at the Rule Adoption Hearing <i>(December 2010 Commission meeting)</i>	12/7-8/10
 2010 Florida Building Code Rule Finalized	
File the Rule adopting the 2010 FBC and post the Supplement on the website	2/1/11
2010 Florida Building Code Rule is final but with implementation date of 12/31/11 <i>(By law- Code must be available for 6 months before implementation)</i>	3/1/11
 Glitch Fix Cycle Prior to Code Taking Effect	
Code amended to resolve glitches <i>(see Glitch schedule below)</i>	4/11-6/11
 Code Books Available	
Code printed with integrated Florida modifications and glitch fixes	10/1/11
Code implemented	12/31/11
<i>Note: By law this is the latest date the Florida Fire Code can be implemented. The goal is to implement the FFPC and FBC concurrently.</i>	

Subtasks:

Review Florida specific amendments that overlap with 2006 to 2009 I Codes changes 12/09

(Note: Law requires review of Florida specific amendments when I codes changes address the Florida amendment issue. The Commission must decide whether to retain the Florida amendment or to adopt the I code requirement. All other Florida specific amendments roll forward into the FBC update unless modified or removed by an approved amendment proposal. Staff will identify overlaps for the TACs' and Commission's consideration and decision.)

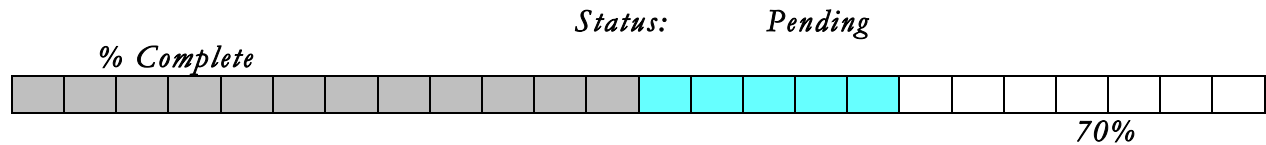
Joint Fire TAC/Fire Code Advisory Council review of I Codes/NFPA 1/NFPA 101 1/20/10
changes for overlaps/conflicts

Contractor reviews Building and Fire codes and reports	1/10
Joint Fire TAC/FCAC meeting to develop recommended fixes	1/20/10
Recommended correlation fixes posted to the web	2/1/10

Fire TAC reviews proposed building code amendments for fixes	8/9-10/10
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(Note: Law requires the Commission and State Fire Marshal to maintain the FBC and FFPC for consistency to avoid conflicting requirements. A contractor will identify new overlaps resulting from changes in the new editions of the I codes and NFPA codes for consideration by the joint Fire TAC and Fire Code Advisory Council and decision on FBC amendments by the Commission)

(Note: Subtasks identify proposed code modifications that are integrated into the code development process.)



Origination: Requirement of law that the Commission updates the Code triennially..

6. Glitch Amendments to the 2010 Florida Building Code

Workplan Priority 4

Schedule:

2010 FBC Supplement published online	2/1/11
Glitch amendment submittal DEADLINE	3/1/11
<i>(Note: The Code publisher will identify correlation glitches and unintended consequences of Florida specific amendments in the final 2010 FBC Supplement for correction by glitch amendment. See subtask for adoption of the 2011 NEC via the glitch proceeding)</i>	
Rule development workshop <i>(April Commission meeting)</i>	4/5/11
Rule adoption hearing <i>(June Commission meeting)</i>	6/7/11
Glitch Rule adopted (filed)	7/1/11
Code printed with first cycle glitch fixes and available to the public	10/1/11

2010 FBC effective

12/31/11

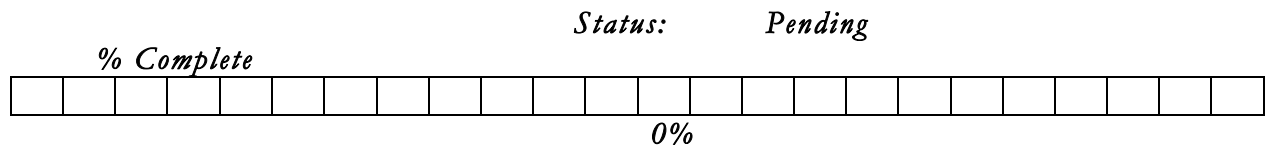
Note: By law this is the latest date the Florida Fire Prevention Code can be implemented.

The goal is to implement the FFPC and FBC concurrently.

Subtasks:

- a. Review 2011 NEC (*Note: not subject to glitch proposal submittal deadline*) 1/11-2/11
- Proposal to adopt 2011 NEC submittal deadline 3/1/11
- Recommend whether to adopt as glitch (*August Commission meeting*) 4/5/11
- Adoption per schedule above

Joint Fire TAC/Fire Code Advisory Council review of new approved Florida mods for conflicts created between Fire Code and Building Code 2/11



Origination: Requirement of law that the Commission updates the Code triennially.

Primary Task -

7. Study Energy Conservation Measures Code Compliance Methods and Develop a Plan for Increased Efficiency Requirements for Future FBC's (HB 697 and HB 7135)

Origination: The 2008 Legislature directed the Commission to enact specific increase in building energy efficiency requirements in HB 697 (Building Code) and HB 7135 (Energy). This task initiates the study and development of a schedule of increasing requirements, the first of which are to be enacted in the 2010 FBC whose development begins in 2009.

Sub-Tasks –

7a. Develop Rule for Energy Code Cost Effectiveness Test (HB 687 and HB 7135)

Schedule for Sub-Task 27:

- Appoint Work Group 12/9/08
- Work Group/TAC meetings to develop recommendation 2/3/09
- 3/5/09
- 3/27/09
- Rule Development Workshop 4/09
- Rule Adoption Hearing 6/09
- Notice of Change published 7/3/09
- Rule Effective 9/1/09

Status: Complete

% Complete



100%

Origination: The Commission was directed by the 2008 Florida Legislature in HB 697 and HB 7135 to develop a cost effectiveness test criteria by rule to be applied to justification for increased residential building energy efficiency requirements.

7b. Study Energy Conservation Measures for Replacement of Air Conditioning Equipment

Origination: Recommendation of the Energy TAC resulting from consideration of Energy Code amendment proposals regarding replacement air-conditioning systems at the October 2008 meeting. Approved by the Commission October 15,2008.

Schedule:

Work Group/TAC considers options and develops consensus plan	3/27/09
	4/30/09
Recommendation adopted	5/28/09
Proposals for 2010 FBC submitted for adoption (See 2010 FBC development schedule)	3/10

Status: In progress

% Complete



100%

7d. Develop Recommendations for 20% Increased Energy Efficiency Requirement for 2010 FBC (HB 697 and HB 7135)

This task integrates the outputs of Task 35 and the Sub-tasks to develop a draft of Energy Code chapters for the 2010 FBC.

Schedule:

Workgroup appointed	12/9/08
Commission approves output of Task 27 and adopts requisite Rule	6/9/09
Workgroup adopts strategic plan for Commission approval	10/12/09
Contractor and Workgroup develop draft 2010 Energy chapters	9/09 -1/10
Proposals for 2010 FBC submitted for adoption	3/09

Status: Pending

% Complete



100%

7e. Identify Specific Building Options to Achieve the Energy Efficiency Improvements (list identified in HB 697 and HB 7135)

Schedule: In Progress

Origination: Energy act of 2008 (HB 7135) directs the Commission to include, as a minimum, certain technologies for achieving enhanced building efficiency targets established by the Act in the Florida Energy Code. The Building Code act of 2008 (HB 697) directs the Commission to facilitate and promote the use of certain renewable energy technologies.

Status: Pending

% Complete



100%

7g. Develop Criteria for Energy Efficient Pool and Spa Systems

Subtask 29

Schedule:

Pool Sub-workgroup appointed	4/8/09
Workgroup meetings	6/8/09
	8/12/09
	2/1/10
Proposals for 2010 FBC submitted for adoption (See 2010 FBC development schedule)	3/10

Status: Pending

% Complete



100%

7h. Evaluate Requirements for Green Roofs Recognition in Florida Building Code

Subtask 45

Schedule:

Cool Roofs Workgroup appointed	4/8/09
Workgroup meeting	2/2/10
Proposals for 2010 FBC submitted for adoption (See 2010 FBC development schedule)	3/10

Status: Pending

% Complete



15. Evaluate Hurricane Wind Pressure and Wind Driven Rain Criteria for Soffit Systems and Establish Labeling Requirements

Workplan Priority 13

Schedule:

Appoint workgroup	3/19/08
Include task in UF components and cladding contract	3/08
Workgroup meetings	11/6/08
	2/4/09
	4/8/09
	7/09-9/09
Recommendations ready to propose for 2010 FBC	2/10
Report to Structural TAC and Commission	2/10/10
Proposals for 2010 FBC submitted for adoption	3/10

Status: Pending

% Complete



16. Evaluate Adoption of Flood Standards in the Florida Building Code

Workplan Priority 9

Schedule:

Workgroup appointed	12/08
DEM contract with FSU/CRC	1/09
Workgroup meetings	3/25/09
	4/29/09
	5/29/09
Review companion local ordinance and local variance authority issue	1/13/10

Recommendations to Structural TAC & Commission	8/11/09
Additional recommendations to Structural TAC & Commission	2/2/10
Proposals for 2010 FBC submitted for adoption (See 2010 FBC development schedule)	3/10

Status: Pending

% Complete



17. Evaluate Adoption of Flood Standards in the Florida Building Code

Workplan Priority 9

Schedule:

Workgroup appointed	12/08
DEM contract with FSU/CRC	1/09
Workgroup meetings	3/25/09
	4/29/09
	5/29/09
Review companion local ordinance and local variance authority issue	1/13/10
Recommendations to Structural TAC & Commission	8/11/09
Additional recommendations to Structural TAC & Commission	2/2/10
Proposals for 2010 FBC submitted for adoption (See 2010 FBC development schedule)	3/10

Status: Pending

% Complete



7. Develop Integration of Florida Accessibility Law into the 2010 Standards for Accessible Design (SAD) Being Adopted by the US Department of Justice

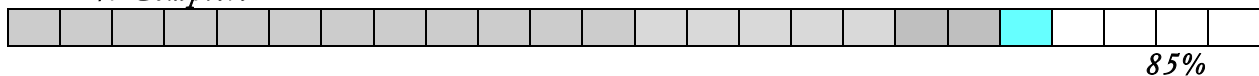
Workplan Priority 4

Schedule:

Appoint work group	12/12/08
Staff Developed Starting Draft	1/09
Workgroup Meetings	2/2/09
	4/6/09
	6/9/09
	8/10/09
	10/12/09
	12/7/09
	2/1/10

	4/5/10
	6/7/10
	10/11/10
DOJ published final regulations	9/15/10
Draft revised for consistency with final regulations	10-11-10
Draft Code Completed	12/7/10
Staff Identify Changes to Law to Maintain Consistency with SAD	10/11/10
Consensus meetings to identify changes to law	10/13/10
	12/10
	1/31/10
Recommendation to Commission	2/2/10
Public Hearings	2/2/10
Report to Legislature (See Task 1)	2/28/11

Status: Pending
% Complete



10. Evaluation of Standards to Address Corrosive Gypsum Board Outgassing
 Workplan Priority 12

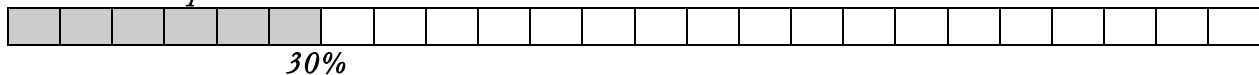
Schedule:

DOH led Committee appointed 2/09
 Meetings 4/09-9/09

Note: DOH project discontinued no directive to the Commission for action. Defer to the 2010 FBC development.

Recommendation to Commission
 DOH rule amendment and 2010 FBC submitted by **(DOH preliminary determination is no health hazard so no rule will be pursued for now.)**
 Bill in the Legislature would require to develop sulfur and strontium content limits for gypsum board in consultation with DOH **BILL DIED**

Status: ON HOLD AWAITING FURTHER LEGISLATIVE DIRECTION
% Complete



Workplan Tasks Resulting from 2010, HB 663

18. 2010 Florida Building Code Amendments directed by the Legislature:

- Require upgrade of elevators in condos and multi-family buildings having a C.O. before July 1, 2008 for Phase II Firefighter Service pursuant to ASME 17.1 and 17.3 when it is replaced or undergoing a major modification
- Coordinate the Code with statutory changes to SFM requirements for uniform lock boxes for elevator keys
- Require illumination in classrooms for ALL schools to be an average 40 foot-candles of light at each desk-top
- Exempt from the Code certain pre-manufactured/site assembled family mausoleums
- Exempt temporary housing provided by Department of Corrections for prisoners
- Remove from the IRC foundation code requirements for sprinklers
- Clarify AC equipment must meet wind resistance standards
- Require existing AC equipment on roof surfaces to comply when they are required to be removed or replaced
- Implement changes to statutory requirements for CO detectors
- Include energy saving options and elements for buildings added to the law that are not already included in the Code, e.g. energy efficient centralized computer data centers in office buildings
- Clarify energy performance requirements for pool pumps apply only to filtration pumps and change the maximum run time cycle override at high speed from 2 hours to 24 hours (or on changeover cycle whichever is less)
- Clarify sprinklers cannot be required for certain residential property used as rental property or changed in use category to primary rental use

Schedule:

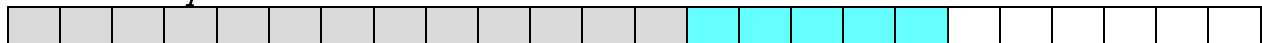
Staff submit comments to 2010 FBC amendment proposals

5/10

Adoption per 2010 FBC Update schedule Task (see Code Update Task)

Status: Pending

% Complete



70%

19. State Product Approval Rule 9B-72 Amendments directed by the Legislature:

- Require payment of Administrator portion of application fee directly to the Administrator
- Implement new expedited process for approval of products based on certificate from a Certification Agency
- Eliminate ICBO ES, BOCA ES and SBCCI ES from list of approved Evaluation Entities

Schedule:

Hold rule workshop

8/10/10

Hold rule hearing	10/12/10
File with the Department of State (if no notice of change)	10/21/10
Effective date	11/12/10

Status: Pending

% Complete



20. Amend rules to establish fees for:

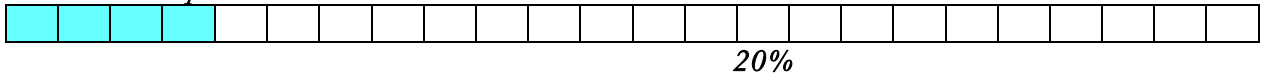
- Accessibility Code waivers
- Declaratory statements
- Non-binding opinions

Schedule:

Hold workshop to discuss which fees	10/13/10
Conduct rule development workshop	12/7/10
Conduct rule hearing	2/2/10
File with the Department of State (if no notice of change)	3/1/11
Effective date	4/11

Status: Pending

% Complete



Workplan Tasks Resulting from 2010, HB 7243

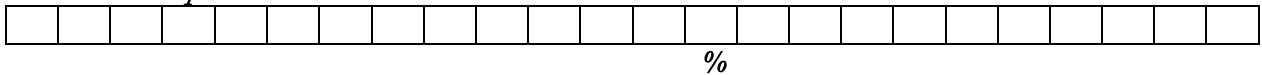
22. Develop recommendations that increase recycling and composting and the use of recyclable construction materials and construction and demolition debris

Schedule:

Appoint Commission workgroup	
Workgroup meetings	2/11-9/11
Recommendations to Commission	10/11
Final report to the 2012 Legislature (See Annual Report schedule)	2/28/12

Status: Pending

% Complete



ATTACHMENT 3
ACCESSIBILITY WAIVER SUMMARY

Waivers from Accessibility Code Requirements—October 13, 2010

1. Barry University School of Law, 6441 East Colonial Drive, Orlando

Analysis: The applicant requested a waiver from access to six levels of a college lecture hall. The area in question is part of a new, \$4,800,000 building on an existing campus to provide additional instructional space for students. Each classroom will have 50 seats with 3 wheelchair seating locations in the front of each room. A portion of the wheelchair seating is located on the end of the row and no designated companion seating is

Council Recommendation: The Council unanimously recommended that a waiver be granted from providing vertical accessibility to all levels of a new tiered lecture hall, based on the Applicant’s demonstration that provision of vertical accessibility to all tiers is technically infeasible and would create an unreasonable hardship. The recommendation is based upon the condition that the design be modified to add an additional four inches behind wheelchair seating locations to permit greater maneuverability. The revised design has already been submitted.

Commission Action: Granted with condition

2. Polly Brooks Building, Edward Waters College, 1404 Tyler Street, Jacksonville

Analysis: The applicant requested a waiver from providing vertical accessibility to the second floor of a historic building undergoing a \$279,000 alteration. The building was originally a residence and is being converted to a computer training facility. A portion of the construction cost is for building an exterior ramp to facilitate persons with disabilities entering and using the building. All amenities provided are available on the accessible first floor and the applicant estimated it would cost an additional \$84,180 to provide an elevator to the second floor.

Council Recommendation: The Council unanimously recommended that a waiver be granted from providing vertical accessibility to the second floor of a historic building undergoing alteration and change in use from residential to commercial, based upon the Applicant’s demonstration that provision of vertical accessibility would create an economic hardship as specified in section 553.512(1), Florida Statutes.

Commission Action: Waiver granted

3. Blanche Ely High School Stadium Bleachers, 1201 N. W. 6TH Avenue, Pompano Beach

Analysis: The applicant requested a waiver from providing vertical accessibility to all rows of seats in a new, \$7,300,000 high school sports stadium. There will be seating for 3,580, including 40 accessible seating locations with companion seats on the home side and 1,576 with 18 accessible spaces with companion seats on the visitors side. There is also a press box at the facility, which may be accessed either by stairs, ramps or an elevator. Accessible seating is available on the first row and at the upper level served by the elevator. According to the applicant, it is unreasonable and unnecessary to make every row of seats fully accessible.

Council Recommendation: The Council unanimously recommended that a waiver be granted from providing vertical accessibility to all levels of new bleacher assembly system, based on the Applicant's demonstration that provision of vertical accessibility to all levels is technically infeasible and would create an unreasonable hardship. The recommendation is based upon the condition that the design be modified so that each accessible seat has a companion seat, and none of the accessible seats are on the aisle.

Commission Action: Waiver granted with condition

4. Florida International University, HLSII Bldg. Lecture Hall, 11200 SW. 8th Street, Miami

Analysis: The applicant requested a waiver from providing vertical accessibility to all rows of seats in a \$400,000 alteration to the university's existing health and life sciences building. The lecture hall in question has 145 seats and will provide 8 wheelchair accessible seating locations on the first and last rows of the auditorium. This exceeds the number required; however, all wheelchair locations are on the ends of the rows. The three inaccessible tiers are accessed by steps.

Council Recommendation: The Council unanimously recommended that a waiver be granted from providing vertical accessibility to all levels of the 145 seat tiered lecture hall that is undergoing alteration, based on the Applicant's demonstration that provision of vertical accessibility to all levels is technically infeasible and would create an unreasonable hardship.

Commission Action: Waiver granted

5. Buhay Kubo (Philippine Cultural Home), 14301 Nine Eagles Drive, Tampa

Analysis: The applicant requested waiver from providing vertical accessibility to the off-grade floor level of a demonstration replica of a traditional Philippine home. Stairs are provided to the entry porch of the structure and visitors are to be able to view the inside of the house through windows on the porch. This is new construction and required by the ADA to be accessible.

Council Recommendation: The Council unanimously recommended that the application for waiver be dismissed based on lack of jurisdiction.

Commission Action: Dismissed due to lack of jurisdiction

6. USF College of Medicine, 12901 Bruce B. Downs Blvd., Tampa

Analysis: The applicant requested a waiver from providing vertical accessibility to all rows of seats in a 470 seat auditorium and two lecture halls undergoing a \$2,326,014 alteration. The auditorium is being reconfigured so that it may be used as four separate lecture halls and the existing classrooms will be combined. The required number of dispersed accessible and companion seats will be provided in the auditorium; however, the wheelchair seating is located on the ends of the rows. Seats in the lecture halls are also provided, as required, in the central portion of the facility and will be accessible via wheelchair lifts.

Council Recommendation: The Council unanimously recommended that a waiver be granted from providing vertical accessibility to all levels of two tiered lecture halls and an auditorium that are undergoing alteration, based on the Applicant's demonstration that provision of vertical accessibility to all levels is technically infeasible and would create an unreasonable hardship. The recommendation of approval for the auditorium is based upon the condition that the design be modified to add additional space behind the wheelchair seating locations to permit greater maneuverability. The recommendation for the two lecture halls is without conditions.

Commission Action: Waiver granted with condition

ATTACHMENT 4

LEGAL REPORT

Declaratory Statement Interpretations

Second Hearings—October 13, 2010

Commission Action: See individual actions below

DCA10-DEC-146 by Gary Harrison, Building Official of Collier County

Question One: Would these type structures be included in the classification as residential in accordance with FBC 2007 Residential?

Answer: Yes. The structure provides two sleeping (bunk) rooms. See section 310.1. (Emphasis added)

Question Two: If they are considered residential, even though they will be used on a part time basis (2 weeks per year), would they still be required to meet all the criteria as set forth in the code?

Answer: Yes. The applicability of the code is not based on how long a structure is occupied. The only buildings or structures exempt from the code are as provided in section 102.2 of the FBC.

Question Three: Would the building be defined as living and habitable space i.e. sleeping, eating, and bathing. Heating and sanitation purposes, as set forth in FBC 2007 Residential

Answer: Yes.

Question Four: If the answer to the above questions is yes, then would it also have to meet all the requirements as set forth in NEC 2008 for residential construction?

Answer: Yes. The FBC, Residential Code, Chapter 33 references the NFPA 70 (National Electric Code)

First Hearings—August 10, 2010

Commission Action: Dismissed because project was already permitted.

DCA10-DEC-175 by James Paula, St. Johns County Building Department

Commission Action: See individual actions below

DCA10-DEC-182 by Jeffrey C. Friant, P.E. and Jeff Bedard, Sunestra Products, LLC

Question One: Since the Sunesta retractable awning is installed in the retracted position and while in this position, without any removal or repositioning, this product will withstand wind speeds far in excess of 75 mph, how does 3105.4 apply?

Answer: Design of the product in question “retractable awning” is subject to the design criteria of Section 3105.4.2 of the FBC, Building. These design criteria would apply to the product in question in both extended and retractable position.

Question Two: If the owner follows the instructions of the Owner’s manual, the awning would be stowed prior to the wind reaching 39 mph, let alone 75mph; wouldn’t this exclude retractable awnings from “...removal or repositioning of parts, or the whole, during periods of 75 mph wind velocity?

Answer: Answer in not appropriate. Owner’s manual is not part of the FBC.

Question Three: Is the word “during” the operative word?

Answer: Answer is not appropriate since the question is unclear.

Question Four: Since the owner will have been notified, by contract, that damage to the awning due to their negligence is not covered by warranty, would it not be legally binding that any collateral property damage caused by the awning not retracted especially in a tropical storm “watch” or “warning”, be considered owner negligence?

Answer: Answer is not appropriate. The subject matter is outside the scope of the Florida Building Code.

Request for “Special Use Status” Pursuant to section 13-101.1.5, Florida Energy Code:

DCA 10-BC-167 Request by Fiona Cousins, P.E. of ARUP, Miami Art Museum

The petitioner requests that the Miami Art Museum be granted Special Use status as allowed by Section 13-101.1.5 of the Florida Building Code, Building, and that Petitioner be allowed to demonstrate compliance with Chapter 13 of the Florida Building Code, Building, using a hybrid method for calculating the Museum’s energy usage, the answer is

Answer: Yes, the Miami Art Museum should be granted Special Use status based on its need to protect artwork through increased air recirculation in accordance with relevant criteria in the ASHRAE HVAC Applications Handbook, and may comply with Chapter 13 of the Florida Building Code by Proponent’s proposed hybrid methodology subject to the clarification that the Baseline budget to which the building is compared is Chapter 11 of ASHRAE 90.1-2004 with a 0.85 multiplier.

ATTACHMENT 5
PRODUCT AND ENTITY APPROVAL REPORT

ID	Manufacturer	Category	Subcategory	TBA	POC	FBC	Comments	Stat.
Certification Method - FBC Voted Approval								
228-R7	Simonton Windows	Windows	Fixed	a	a	a	Recommend Approval	Revision
331-R7	PGT Industries	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
993-R5	Kinro, Inc	Windows	Single Hung	a	a	a	Recommend Approval	Revision
1091-R8	Andersen Corporation	Windows	Double Hung	a	a	a	Recommend Approval	Revision
2475-R3	Quikrete	Roofing	Roof Tile Adhesives	a	a	a	Recommend Approval	Revision
3792-R4	Lomanco, Inc	Roofing	Roofing Accessories that are an Integral Part of the Roofing System	a	a	a	Recommend Approval	Revision
4882-R2	Shwinco Industries Inc.	Windows	Single Hung	a	a	a	Recommend Approval	Revision
5167-R6	Simonton Windows	Windows	Double Hung	a	a	a	Recommend Approval	Revision
5177-R5	Simonton Windows	Windows	Fixed	a	a	a	Recommend Approval	Revision
6183-R3	VELUX America Inc.	Sky Lights	Skylight	a	a	a	Recommend Approval	Revision
6525-R4	Marvin Windows and Doors	Windows	Double Hung	a	a	a	Recommend Approval	Revision
6529-R3	Marvin Windows	Windows	Horizontal	a	a	a	Recommend Approval	Revision

	and Doors		Slider					
6535-R3	Marvin Windows and Doors	Windows	Fixed	a	a	a	Recommend Approval	Revision
6642-R6	Lincoln Wood Products, Inc. / Timeline Vinyl Products, Inc.	Windows	Fixed	a	a	a	Recommend Approval	Revision
6649-R3	Lawson Industries	Windows	Single Hung	a	a	a	Recommend Approval	Revision
6694-R6	Pella Corporation	Windows	Fixed	a	a	a	Recommend Approval	Revision
7421-R2	Kolbe Windows and Doors - Wausau	Windows	Casement	a	a	a	Recommend Approval	Revision
7460-R3	Lincoln Wood Products, Inc. / Timeline Vinyl Products, Inc.	Windows	Awning	a	a	a	Recommend Approval	Revision
7612-R4	Simonton Windows	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
7817-R2	Lawson Industries	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
8500-R4	Simonton Windows	Windows	Fixed	a	a	a	Recommend Approval	Revision
9004-R1	CURRIES	Exterior Doors	Exterior Door Components	a	a	a	Recommend Approval	Revision
9054-R2	Latin American Tile Inc	Roofing	Roofing Tiles	a	a	a	Recommend Approval	Revision
9408-R2	Kolbe Windows and Doors - Manawa	Windows	Casement	a	a	a	Recommend Approval	Editorial Change
10335-R3	JELD-WEN	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
10336-R2	JELD-WEN	Windows	Casement	a	a	a	Recommend Approval	Revision

10338-R4	JELD-WEN	Windows	Fixed	a	a	a	Recommend Approval	Revision
10398-R2	Kolbe Windows and Doors - Wausau	Windows	Double Hung	a	a	a	Recommend Approval	Revision
10695-R2	JELD-WEN	Windows	Horizontal Slider	a	a	a	Recommend Approval	Revision
10758-R1	Owens Corning	Roofing	Roofing Accessories that are an Integral Part of the Roofing System	a	a	a	Recommend Approval	Revision
10939-R4	JELD-WEN	Windows	Casement	a	a	a	Recommend Approval	Revision
10940-R3	JELD-WEN	Windows	Double Hung	a	a	a	Recommend Approval	Revision
10944-R3	JELD-WEN	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
11150-R1	Pella Corporation	Windows	Fixed	a	a	a	Recommend Approval	Revision
11206-R5	Pella Corporation	Windows	Single Hung	a	a	a	Recommend Approval	Revision
11533-R1	Simonton Windows	Windows	Fixed	a	a	a	Recommend Approval	Editorial Change
11537-R1	CURRIES	Exterior Doors	Exterior Door Components	a	a	a	Recommend Approval	Revision
11723-R3	JELD-WEN	Windows	Awning	a	a	a	Recommend Approval	Revision
11724-R2	JELD-WEN	Windows	Casement	a	a	a	Recommend Approval	Revision
11831-R4	Atrium Companies Inc.	Windows	Fixed	a	a	a	Recommend Approval	Revision
11835-R1	Metcoe Skylight Specialties, Inc.	Sky Lights	Skylight	a	a	a	Recommend Approval	Revision
12053-R1	Kinro, Inc	Windows	Single Hung	a	a	a	Recommend Approval	Revision
12430-R1	Traco Windows and Doors, Inc.	Windows	Projected	a	a	a	Recommend Approval	Revision
12438-R1	MI Windows and Doors	Windows	Fixed	a	a	a	Recommend Approval	Revision
12594-R1	Weather Shield Mfg., Inc.	Windows	Awning	a	a	a	Recommend Approval	Revision

12690-R1	Zeluck Inc.	Windows	Double Hung	a	a	a	Recommend Approval	Revision
12713-R1	All Steel Buildings	Roofing	Metal Roofing	a	a	a	Recommend Approval	Editorial Change
13035-R2	Andersen Corporation	Windows	Horizontal Slider	a	a	a	Recommend Approval	Revision
13163	CHAMPION METAL INC.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
13294-R1	Shwinco Industries Inc.	Windows	Fixed	a	a	a	Recommend Approval	Revision
13367-R1	MI Windows and Doors	Windows	Fixed	a	a	a	Recommend Approval	Revision
13523	United States Aluminum Corp.	Panel Walls	Storefronts	a	a	a	Recommend Approval	New
13631	Marvin Windows and Doors	Windows	Casement	a	a	a	Recommend Approval	New
13636-R1	Consolidated Systems Inc.	Structural Components	Roof Deck	a	a	a	Recommend Approval	Revision
13804	Construction Specialties, Inc.	Panel Walls	Wall Louver	a	a	a	Recommend Approval	New
13843	Thermal Windows Inc.	Windows	Fixed	a	a	a	Recommend Approval	New
13857-R1	Mid-States Asphalt & Cant Strip, Inc.	Roofing	Underlayments	a	a	a	Recommend Approval	Revision
13865	Eagle Window and Door, Inc	Windows	Fixed	a	a	a	Recommend Approval	New
13879	Stanley Security Solutions	Exterior Doors	Exterior Door Components	a	a	a	Recommend Approval	New
13891	Weather Shield Mfg., Inc.	Windows	Fixed	a	a	a	Recommend Approval	New
13902	Eagle Window and Door, Inc	Windows	Awning	a	a	a	Recommend Approval	New
13923	E.S. Windows, Inc.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New

13924	E.S. Windows, Inc.	Windows	Mullions	a	a	a	Recommend Approval	New
13927	E.S. Windows, Inc.	Panel Walls	Storefronts	a	a	a	Recommend Approval	New
13930	Gensteel Doors Inc.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
13931	E.S. Windows, Inc.	Windows	Casement	a	a	a	Recommend Approval	New
13933	Eurotech Industries, Inc.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
13934	Eurotech Industries, Inc.	Windows	Fixed	a	a	a	Recommend Approval	New
13937	United Enertech	Panel Walls	Wall Louver	a	a	a	Recommend Approval	New
13947	Weather Shield Mfg., Inc.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
13956	United Enertech	Panel Walls	Wall Louver	a	a	a	Recommend Approval	New
13966	LIF Industries	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
13987	CROCI NORTH AMERICA	Shutters	Accordion	a	a	a	Recommend Approval	New
13998	JELD-WEN	Windows	Awning	a	a	a	Recommend Approval	New
13999	JELD-WEN	Windows	Casement	a	a	a	Recommend Approval	New
14006	Bristol Fiberlite Industries, Inc.	Sky Lights	Skylight	a	a	a	Recommend Approval	New
14009	Shildan, Inc.	Panel Walls	Siding	a	a	a	Recommend Approval	New
14010	Pella Corporation	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	New
14016	Central States Manufacturing, Inc.	Structural Components	Roof Deck	a	a	a	Recommend Approval	New
14024	Central States	Panel Walls	Siding	a	a	a	Recommend Approval	New

	Manufacturing, Inc.							
14026	Central States Manufacturing, Inc.	Roofing	Metal Roofing	a	a	a	Recommend Approval	New
14033	KML Windows, Inc.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
14034	KML Windows, Inc.	Windows	Fixed	a	a	a	Recommend Approval	New
14050	Weather Shield Mfg., Inc.	Windows	Double Hung	a	a	a	Recommend Approval	New
14051	Weather Shield Mfg., Inc.	Windows	Fixed	a	a	a	Recommend Approval	New
14053	HomeRun Holdings Corp.	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	New
14057	HomeRun Holdings Corp.	Windows	Fixed	a	a	a	Recommend Approval	New
14061	Peachtree Doors and Windows	Windows	Fixed	a	a	a	Recommend Approval	New
14063	Peachtree Doors and Windows	Windows	Double Hung	a	a	a	Recommend Approval	New
14066	HomeRun Holdings Corp.	Windows	Single Hung	a	a	a	Recommend Approval	New
14069	Orion Energy Systems	Sky Lights	Skylight	a	a	a	Recommend Approval	New
14071	Quaker Window Products Co. Inc.	Windows	Horizontal Slider	a	a	a	Recommend Approval	New
14072	Weather Shield Mfg., Inc.	Windows	Casement	a	a	a	Recommend Approval	New
14074	Peachtree Doors and Windows	Windows	Casement	a	a	a	Recommend Approval	New
14076	Kolbe Windows and Doors - Wausau	Windows	Awning	a	a	a	Recommend Approval	New

14077	JELD-WEN	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
14082	Berridge Manufacturing Co.	Panel Walls	Siding	a	a	a	Recommend Approval	New
14085	Wincore Window Company, LLC	Windows	Single Hung	a	a	a	Recommend Approval	New
14087	JELD-WEN	Windows	Fixed	a	a	a	Recommend Approval	New
14088	JELD-WEN	Windows	Fixed	a	a	a	Recommend Approval	New
14090	JELD-WEN	Windows	Horizontal Slider	a	a	a	Recommend Approval	New
14094	Wincore Window Company, LLC	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
14095	JELD-WEN	Windows	Single Hung	a	a	a	Recommend Approval	New
14097	JELD-WEN	Windows	Double Hung	a	a	a	Recommend Approval	New
14104	JELD-WEN	Windows	Single Hung	a	a	a	Recommend Approval	New
14111	JELD-WEN	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
14116	Vision Hollow Metal Limited	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
Evaluation by Engineer/Architect Method - FBC Voted Approval								
1654-R8	POLYGLASS USA	Roofing	Modified Bitumen Roof System	a	a	a	Recommend Approval	Revision
4608-R2	Roller Star USA	Shutters	Roll-up	a	a	a	Recommend Approval	Editorial Change

4609-R4	Roller Star USA	Shutters	Roll-up	a	a	a	Recommend Approval	Editorial Change
5020-R2	Roller Star USA	Shutters	Roll-up	a	a	a	Recommend Approval	Editorial Change
5675-R4	Clopay Building Products Company	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
5680-R2	GAF Materials Corporation	Roofing	Modified Bitumen Roof System	a	a	a	Recommend Approval	Revision
5790-R7	American Shutter Systems Association, Inc.	Shutters	Roll-up	a	a	a	Recommend Approval	Revision
7473-R2	EAGLE ROOFING PRODUCTS FLORIDA LLC	Roofing	Roofing Tiles	a	a	a	Recommend Approval	Revision
8134-R6	Alside Window Company	Windows	Double Hung	a	a	a	Recommend Approval	Revision
8872-R2	Roller Star USA	Shutters	Roll-up	a	a	a	Recommend Approval	Editorial Change
9174-R6	Wayne-Dalton, a division of Overhead Door Corporation	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
9457-R3	Moss Supply Company	Windows	Single Hung	a	a	a	Recommend Approval	Revision
9625-R4	Gentek Building Products	Windows	Double Hung	a	a	a	Recommend Approval	Revision
9627-R4	Revere Building Products	Windows	Double Hung	a	a	a	Recommend Approval	Revision
9688	BMP International Inc.	Structural Components	Anchors	a	a	a	Recommend Approval	New
9834-R5	Alside Window Company	Windows	Fixed	a	a	a	Recommend Approval	Revision
9886-R5	Gentek Building	Windows	Fixed	a	a	a	Recommend Approval	Revision

	Products							
9890-R5	Revere Building Products	Windows	Fixed	a	a	a	Recommend Approval	Revision
9909-R5	Associated Materials Inc.	Windows	Fixed	a	a	a	Recommend Approval	Revision
10124-R3	GAF Materials Corporation	Roofing	Asphalt Shingles	a	a	a	Recommend Approval	Revision
10291-R3	POLYGLASS USA	Roofing	Cements-Adhesives-Coatings	a	a	a	Recommend Approval	Revision
10991-R4	Alside Window Company	Windows	Horizontal Slider	a	a	a	Recommend Approval	Revision
11137-R4	Gentek Building Products	Windows	Horizontal Slider	a	a	a	Recommend Approval	Revision
11139-R4	Revere Building Products	Windows	Horizontal Slider	a	a	a	Recommend Approval	Revision
11141-R4	Associated Materials Inc.	Windows	Horizontal Slider	a	a	a	Recommend Approval	Revision
11526-R2	Roller Star USA	Shutters	Accordion	a	a	a	Recommend Approval	Editorial Change
12457-R2	Berridge Manufacturing Co.	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
13219	National Gypsum Services Company	Panel Walls	Exterior Insulation Finish System	a	a	a	Recommend Approval	New
13249-R1	Blosser Stephens, LLC.	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
13277-R1	Gammans Skylight Systems, Inc.	Sky Lights	Skylight	a	a	a	Recommend Approval	Revision
13360	Temple-Inland	Structural Components	Structural Wall	a	a	a	Recommend Approval	New
13370-R1	Gammans Skylight Systems, Inc.	Sky Lights	Skylight	a	a	a	Recommend Approval	Revision

13494-R1	ProVia Door, Inc.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
13522-R1	Superior Window Corp.	Windows	Casement	a	a	a	Recommend Approval	Editorial Change
13703	C.H.I. Overhead Doors	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	New
13709	James Hardie Building Products, Inc.	Panel Walls	Siding	a	a	a	Recommend Approval	New
13742-R1	Mayfair Window and Door	Windows	Horizontal Slider	a	a	a	Recommend Approval	Revision
13743-R1	Mayfair Window and Door	Windows	Fixed	a	a	a	Recommend Approval	Revision
13770	Crimsafe North America	Shutters	Storm Panels	a	a	a	Recommend Approval	New
13771	Crimsafe North America	Shutters	Storm Panels	a	a	a	Recommend Approval	New
13779	Crimsafe North America	Shutters	Storm Panels	a	a	a	Recommend Approval	New
13814	FischerSIPS, LLC	Structural Components	Structural Wall	a	a	a	Recommend Approval	New
13884	Ingersoll-Rand	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
13914	Eagle Window and Door, Inc	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
13921	FischerSIPS, LLC	Structural Components	Roof Deck	a	a	a	Recommend Approval	New
13952	Superior Window Corp.	Windows	Fixed	a	a	a	Recommend Approval	New
13961	Mai Doors by Distinctive Doors	Windows	Fixed	a	a	a	Recommend Approval	New

13963	Pella Entry Systems- Wylie Operations	Windows	Fixed	a	a	a	Recommend Approval	New
13967	Windsor Republic Doors, Inc. Little Rock, AR	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	New
13976	Ply Gem Windows	Windows	Single Hung	a	a	a	Recommend Approval	New
13977	Ply Gem Windows	Windows	Fixed	a	a	a	Recommend Approval	New
13978	Ply Gem Windows	Windows	Casement	a	a	a	Recommend Approval	New
13992	Mitten Inc.	Panel Walls	Siding	a	a	a	Recommend Approval	New
13993	Tuff Industries, Inc.	Roofing	Single Ply Roof Systems	a	a	a	Recommend Approval	New
13996	Amarr Garage Doors	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	New
13997	Mayfair Window and Door	Windows	Mullions	a	a	a	Recommend Approval	New
14000	General Aluminum Company	Windows	Fixed	a	a	a	Recommend Approval	New
14001	West Tampa Glass Company	Panel Walls	Siding	a	a	a	Recommend Approval	New
14002	Liberty Building Systems	Structural Components	Roof Deck	a	a	a	Recommend Approval	New
14003	Butler Manufacturing Company	Structural Components	Roof Deck	a	a	a	Recommend Approval	New
14004	Varco Pruden Buildings, Div of BlueScope Buildings North America, Inc.	Structural Components	Roof Deck	a	a	a	Recommend Approval	New

14017	Alpine Overhead Doors, Inc.	Exterior Doors	Roll-Up Exterior Door Assemblies	a	a	a	Recommend Approval	New
14028	Ply Gem Windows	Windows	Horizontal Slider	a	a	a	Recommend Approval	New
14036	Align Roofing, LLC	Roofing	Metal Roofing	a	a	a	Recommend Approval	New
14037	MI Windows and Doors	Windows	Mullions	a	a	a	Recommend Approval	New
14038	Ply Gem Windows	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	New
14039	Ply Gem Windows	Windows	Single Hung	a	a	a	Recommend Approval	New
14040	Wausau Window and Wall Systems	Windows	Casement	a	a	a	Recommend Approval	New
14049	Metal Roofing of Ocala, LLC.	Roofing	Metal Roofing	a	a	a	Recommend Approval	New
14060	Leader Industries	Panel Walls	Wall Louver	a	a	a	Recommend Approval	New
14064	Wausau Window and Wall Systems	Windows	Projected	a	a	a	Recommend Approval	New
14068	HomeRun Holdings Corp.	Windows	Mullions	a	a	a	Recommend Approval	New
14070	Silverline Building Products Corp.	Windows	Casement	a	a	a	Recommend Approval	New
14078	Ultratek Worldwide	Shutters	Products Introduced as a Result of New Technology	a	a	a	Recommend Approval	New
14080	Silverline Building Products Corp.	Windows	Awning	a	a	a	Recommend Approval	New
14081	Fabral	Roofing	Metal Roofing	a	a	a	Recommend Approval	New
14083	Carlisle SynTec	Roofing	Single Ply	a	a	a	Recommend Approval	New

	Incorporated		Roof Systems					
14086	Sunoptics Prismatic Skylights	Sky Lights	Skylight	a	a	a	Recommend Approval	New
14096	Englert Inc.	Roofing	Metal Roofing	a	a	a	Recommend Approval	New
14102	Five Star Quality Manufacturing Corp.	Shutters	Accordion	a	a	a	Recommend Approval	New
14106	Architectural Building Components	Roofing	Metal Roofing	a	a	a	Recommend Approval	New
14110	Custom Hurricane Products Inc.	Shutters	Fabric Storm Panel	a	a	a	Recommend Approval	New
14114	Crowther Roofing and Sheet Metal	Roofing	Metal Roofing	a	a	a	Recommend Approval	New
Evaluation by Test Report - FBC Voted Approval								
7390-R3	GlassCraft Door Corporation	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
7997-R2	Advanced Coatings Systems, Inc.	Roofing	Cements-Adhesives-Coatings	a	a	a	Recommend Approval	Revision
8289-R2	GlassCraft Door Corporation	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
9434-R2	GlassCraft Door Corporation	Exterior Doors	Exterior Door Components	a	a	a	Recommend Approval	Revision
9435-R2	GlassCraft Door Corporation	Exterior Doors	Exterior Door Components	a	a	a	Recommend Approval	Revision
9732-R1	NORTHERN	Roofing	Underlayments	a	a	a	Recommend Approval	Revision

	ELASTOMERIC INC							
9840-R1	NORTHERN ELASTOMERIC INC	Roofing	Underlayments	a	a	a	Recommend Approval	Revision
10112-R2	GlassCraft Door Corporation	Windows	Fixed	a	a	a	Recommend Approval	Revision
10745	Sentrigard Metal Roofing Systems- NBHandy COMP	Roofing	Underlayments	a	a	a	Recommend Approval	New
11001-R1	GlassCraft Door Corporation	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
11003-R1	GlassCraft Door Corporation	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
11005-R1	GlassCraft Door Corporation	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
11006-R1	GlassCraft Door Corporation	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
12510-R1	PrimeSource Building Products, Inc.	Roofing	Underlayments	a	a	a	Recommend Approval	Revision
13823	Citadel Architectural Products, Inc.	Panel Walls	Siding	a	a	a	Recommend Approval	New
13681	G.A.P. Roofing	Roofing	Underlayments	a	a	a	Recommend Approval	New
Evaluation by Evaluation Entity - FBC Voted Approval								

3832-R2	The Dow Chemical Company	Roofing	Roofing Insulation	a	a	a	Recommend Approval	Revision
5388-R3	Kawneer Company, Inc.	Panel Walls	Curtain Walls	a	a	a	Recommend Approval	Revision
12750-R2	National Gypsum Services Company	Structural Components	Structural Wall	a	a	a	Recommend Approval	Editorial Change
14042	Leader Industries	Panel Walls	Wall Louver	a	a	a	Recommend Approval	New
Entities - FBC Voted Approval								
TST 1585	Intertek Testing Services NA Inc.	Product Testing Laboratory		a	a	a	Recommend Approval	Revision
TST 4310	Intertek Testing Inc.- Washington	Product Testing Laboratory		a	a	a	Recommend Approval	Revision
TST 8039	Quast Consulting and Testing Inc.	Product Testing Laboratory		a	a	a	Recommend Approval	Revision
QUA 3214	CEL Consulting	Product Quality Assurance		a	a	a	Recommend Approval	Revision
Discussion Items								
3835-R2	The Dow Chemical Company	Panel Walls	Products Introduced as a Result of New Technology	w			<u>Withdrawn by Applicant</u>	Revision
10654-R1	Custom Hurricane Products Inc.	Shutters	Fabric Storm Panel	c	c	c	Product does not comply with the deflection requirements of Sect. 1613.1.9 with a deflection in excess of	Revision

							L/30. <u>Recommend Conditional Approval with condition of indicate "No" for use within HVHZ and remove HVHZ references from installation drawings.</u>	
12385-R1	Windsor Windows and Doors	Windows	Fixed	c	a	a	This application is made using the certification method with a certificate from AAMA. AAMA has indicated that impact products have to be installed as tested to comply with their AAMA 506 certification. Products .2 and .3 are certified as impact and the installation instructions indicate anchors other than tested. <u>Recommend Approval. POC recommended review all applications that utilize installation instructions other than tested and have been certified to AAMA 506.</u>	Editorial Change
13423	Polarhyde Distribution DBA/ Final Flat Roof	Roofing	Cements-Adhesives-Coatings	y	y	y	<u>Recommend Denial - Application was deferred with conditions of: 1. Provide Testing/Certification of testing standards that</u>	Deferred

							<u>will indicate product physical properties and adhesion. 2. Remove from installation instructions use with assemblies not tested and remove testing standards that are not certified. Applicant did not consent to the revisions and did not revise the application.</u>	
							-	
13626	Hardy Frame, Inc.	Structural Components	Structural Wall	y	y	y	<u>Recommend Denial - Evaluation indicates that product is an alternate to Sect. 2308. For statewide product approval alternate materials are not allowed. Products need to comply with the adopted code sections for the statewide product approval.</u>	New
13626	Public Comment by Randy Shakleford						3. Installation instructions include products that are not in the evaluation report (is that against the rules?)	
							-	
13893	Superior Window Corp.	Windows	Fixed	y	y	y	<u>Recommend Denial - Application was deferred with conditions of: Provide test reports for the</u>	Deferred

							<u>assemblies on application. Evaluation report shall refer only to the assemblies on application. Applicant did not provide the test reports that would confirm that the evaluation report refers to the assembly on application. Therefore conditions of deferral were not complied with. The evaluation report is for a "receptor" that is not a subcategory on the Product Approval Rule.</u>		
13894	Superior Window Corp.	Windows	Projected		y	y	y	Recommend Denial - <u>Application was deferred with conditions of: Provide test reports for the assemblies on application. Evaluation report shall refer only to the assemblies on application. Applicant did not provide the test reports that would confirm that the evaluation report refers to the assembly on application. Therefore conditions of deferral were not complied with. The evaluation report is</u>	Deferred

							<u>for a "receptor" that is not a subcategory on the Product Approval Rule.</u>	
14027	Superior Window Corp.	Windows	Casement	d	d	d	The application is for Category Windows, Subcategory Casement. The evaluation report if for a receptor that is not a subcategory on the Product Approval Rule. <u>Recommend Deferral with condition of: Provide test reports for the assemblies on application. Evaluation should refer only to the assemblies on application for the proper category and subcategory.</u>	New
Public Comments								
Certification Method								
13946	Fleetwood Windows and Doors	Windows	Fixed	a	-	-	<u>Recommend Approval</u>	New
13946	Public Comment by Jaime Gascon						Products .1 and .2 confirm certification is for use of tempered exterior lite of glass.	
13946	Response by Joe Zammit						Re: public comment on FL 13946, we will be correcting our Installation Instructions stating that the	

							certification is for use with Heat Strengthened glass. (not Tempered glass) as per our laboratory test results.	
13946	Comment and Recommendation by Administrator					c	c	The installation instructions on a document that was signed and sealed by the engineer providing the installation instructions a notation was indicated that the glazing assembly was tested with tempered glass. The applicant indicates that the assembly was tested with heat strengthened glass and therefore is not compliant to be used within HVHZ. <u>Recommend conditional approval with conditions of: Indicate "No" for use for small missile applications within HVHZ. Revise Installation Instructions to indicate the glazing configuration as tested.</u>
14020	Traco Windows and Doors, Inc.	Windows	Horizontal Slider	a			<u>Recommend Approval</u>	New
14020	Public Comment by Jaime Gascon						The referenced standards are not	

							indicative of meeting HVHZ. Therefore, indicate not for use in the HVHZ or update references.	
14020	Response by Gautam Raha						I checked with the lab and they confirmed that we meet the HVHZ requirements/standards. I will update the references.	
14020	Comment and Recommendation by Administrator			c	c	c	The certificate does not include the required testing for HVHZ. The applicant did not include those testing standards on the face of the application. <u>Recommend Conditional Approval with condition of: Include on face of application testing standards compliant with HVHZ.</u>	
14109	Logix Insulated Concrete Forms	Structural Components	Insulation Form Systems	a	a	a	<u>Recommend Approval</u>	New
14109	Public Comment by Jaime Gascon						Missing certification to confirm certification for use in the HVHZ. If not available, indicate not for use in HVHZ.	
14109	Response by Lawrence Gibson						Subject R1FBC : Listing of LOGIX Insulated Concrete Forms to the following Test	

						Standards: - ASTM C578-04, Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation - ASTM E84-04, Standard Test Method for Surface Burning Characteristics of Building Materials* - ASTM E119-00, Standard Test Methods for Fire Tests of Building Construction and Materials - ASTM D1761 – 88(2000), Standard Test Methods for Mechanical Fasteners in Wood - ASTM D635 – 03, Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position - ASTM D1929- 96(2000)e1, Standard Test Method for Determining Ignition Temperature of Plastics* *Listed values meet 2007 Florida Building Code High Velocity	
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							Hurricane Zone requirements.	
14109	Comment by Administrator						Certification Agencies may only certify to testing standards. The testing standards performed are those required for the product to be used within HVHZ.	
Evaluation by Engineer/Architect Method								
9104-R2	Roller Star USA	Exterior Doors	Roll-Up Exterior Door Assemblies	a	d	d	<u>Recommend Deferral with condition of:</u> <u>Include on application letter of compliance to the 2007 FBC from evaluator.</u>	Editorial Change
9104-R2	Public Comment by Jaime Gascon						Documets uploaded not supportive of meeting the 2007 FBC (They all indicate 2004 FBC).	
9104-R2	Response by Jesus Gonzalez						As you are aware, this application is an "Editorial Revision" where the only thing changing is the quality assurance agency, from UL to NAMI. The rest of the application (technical information) did not change. This application went	

							through an “affirmation” process, back in April 2009, to comply with the FBC 2007, since all the technical information was still valid under the 2007 FBC, (find attached affirmation letter from Evaluator Engineer); and it was approved. Therefore, in its previous status (FL 9104-R1), this application met the 2007 FBC.	
9104-R2	Commentary by Administrator						This application received approval for compliance to the 2007 FBC using the "Affirmation" procedure. At the time of the submission of the affirmation application the POC had directed to allow compliance with the current 2007 FBC if the only issue was a statement that the code complied with the 2004 FBC and all the changes of the code did not affect the performance of the product. The face of the application indicates approval to the 2007	

							FBC. This "Editorial Change" revision is to allow a change of the QA Agency and performance of the product has not been revised. The application should be accepted.	
10753-R3	Town and Country Industries,	Shutters	Accordion	a	-	-	Recommend Approval	New
10753-R3	Comment by Administrator						1.Under Evaluation Report, Page 2 of 3, reference is made to Schedules 2 and 4, page 1 of 12. 2.Under Installation Instructions this information appears in Tables 2 and 4, sheet 11 of 12.	
10753-R3	Response by Thomas Johnston						. I am very sorry for the confusion. We had a .1 and .2 and I believe we deleted the wrong one. I do know that the correct hard copy of the sealed installation instructions were sent to you. We will upload the matching installation instructions upon conditional approval.	
10753-R3	Comment and			c	c	c	<u>Recommend</u>	

	Recommendation by Administrator						<u>Conditional Approval with condition of: On Evaluation Report and Installation Instructions refer Schedules 2 and 4 to proper location.</u>	
11235	TrusSteel Division of ITW Building Components Group Inc	Structural Components	Products Introduced as a Result of New Technology	a	-	-	Recommend Approval	New
11235	Public Comment by Jaime Gascon						Evaluation not signed and sealed; Connection to steel with screws is not compliant with FBC section 2222.3.2 to prevent loosening. Therefore, indicate not for use in HVHZ for these connections.	
11235	Response by Bill Babich						The mailed copy of the evaluation that you received was indeed signed and sealed. I am attaching a file that is the signed and sealed copy. I crimped the paper so that is why you can only see my signature and date. I uploaded a non-sealed copy of the evaluation. I can upload a sealed copy of the evaluation if needed.	
11235	Response by Bill						Section 2222.3.2 states	

	Babich (Cont.)					<p>that either an approved fastener OR a positive attachment be made. The assumption here is that if a fastener is approved by the code for use in cold-formed steel construction it is indeed a positive connection. Self-drilling tapping screws are considered an approved fastener since they are referenced in Section D1.1 of the AISI General Provisions standard which in turn is referenced in the FBC. Self-drilling tapping screws are the predominant connection when fastening cold-formed steel members together. There are several instances that I saw in other existing Florida approvals (e.g. walls and roof decking) where the use of self-drilling tapping screws have been approved in the HVHZ. It is my opinion that connections made with self-drilling tapping</p>	
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							screws should be allowed in the HVHZ.	
11235	Comment and Recommendation by Administrator			c	c	c	The evaluator submitted the proper evaluation report signed and sealed to our office. On the issue of "self-drilling tapping screws", the code indicates "or other approved fastening devices or methods providing positive attachment and resistance to loosening'. The respondent indicated other approvals, but was not specific on them in order to compare the use. <u>Recommend Conditional Approval with condition of: Provide evaluation or testing of "self drilling tapping screws" to indicate compliance with Sect. 2222.3.2 or indicate on those connectors on the application "Not for Use Within HVHZ".</u>	
13380-R1	BP - Glass Garage Doors & Entry Systems	Exterior Doors	Sectional Exterior Door Assemblies	a	-	-	Recommend Approval	New
13380-R1	Public Comment by Jaime Gascon						Bearing capacity of drywall for jamb tracks	

							is inadequate for use in the HVHZ per 1714.5.4.3. Indicate not for use in the HVHZ.	
13380-R1	Response by Hermes Norero						We will make the edits to the installation details to show jamb track frame in direct contact with substrates (without drywall).	
13380-R1	Comment and Recommendation by Administrator			c	c	c	<u>Recommend Conditional Approval with conditionn of: Remove from Installation Instruction details showing jamb track in dirct contact with drywall.</u>	
14046	Wausau Window and Wall Systems	Windows	Awning	a	-	-	Recommend Approval	New
14046	Public Comment by Jaime Gascon						Product .4 limit insulated glass to large missile only per FBC 2411.3.3.7. (Installation instructions indicate IG for use in LM and S.M.)	
14046	Response by Javad Ahmad						Recommend Conditional Approval with Condition of: On Products .4 and 'Insulated glass is limited to large missile impact only. Not for use above 30 feet.'	
14046	Comment and Recommendation			c	c	c	<u>Recommend Conditional Approval</u>	

	by Administrator						with condition of: <u>Add a note under the limits of use for application 14046.4</u> <u>'Insulated glass is limited to large missile impact only. Not for use above 30 feet.'</u>	
14079	ITW Building Components Group Inc.	Structural Components	Wood Connectors	a	-	-	Recommend Approval	New
14079	Public Comment by Jaime Gascon						Evaluation by engineer not signed and sealed.	
14079	Response by Stuart L. Lewis						The evaluation report provided by mail was signed and sealed as required by the rules of the Florida Board of Professional Engineers (FBPE) (FL Chapter 61G15 sec. 23.001).	
14079	Public Comment by Randy Shackelford						1. For the AGUS tables on page 12, they list a minimum _ by 6 joist size, but the uplift load increases as the height increases, which indicates that a taller joist is required for the higher joist loads. Correct evaluation report so that higher uplift loads do not apply to minimum joist heights. 2. For the	

							HA4, the referenced test report is PSI Report 748-50100-00415. That report is attached. The report indicates (5) 8d X 1-1/2 nails into the joist and 4-8d common nails into the plate. This is the only nailing that should be referenced in the evaluation report. All nailing configurations in the evaluation report are different from this.	
14079	Response by Stuart L. Lewis						1. I agree with this comment. The existing report is not technically incorrect as the specified number of nails for installation is also shown and therefore requires that a greater wood depth occur in order to obtain the specified number of nails. However, my intent in showing this column for joist size was to indicate the minimum joist size that would satisfy this nailing as well, and I appreciate this comment. I will amend the report and request that this be permitted to	

							be done as a condition for approval.	
14079	Respojnse by Stuart L. Lewis						2. The report that the commenter references only reports what was tested and results of the tests, and does not assign design capacities. The use of nails that vary from that used in the test report was considered by the evaluating engineer in evaluating and assigning the nailing schedule for this framing anchor. The evaluation and the assignment of capacity and nailing schedule, and subsequent validation, were in accordance with the requirements of the Florida Building Code and the Florida Product Approval system. It is acceptable for capacities to be permitted for use with joist hanger products with variations on the fasteners or other parameters for use as the testing is intended to identify a limiting capacity for the hardware, which is why no mention is made in	

							section 1715.1 regarding the fasteners and why the testing protocol specifies use of only a denser species (the 0.49 to 0.55 specific gravity in sec. 1715.1) hile not prohibiting application to lower density species. Similarly, assignment of capacity to nails other han those tested is permitted, provided appropriate engineering evaluation of the capacity of the nails is done, as occurred in this case.	
14079	Respojns by Stuart L. Lewis (Cont.)						This is commonly recognized (including by Mr. Shackelford's company in many situations as his company's catalog specifically provides generic adjustment factors for smaller nails than are specified for in their code reports, including with respect to products that are covered in FL approvals). The evaluation report in this FL14079 submittal similarly considered this issue for the HA4	

							framing anchor and appropriately provided design capacities in accordance with the Florida Building Code for the given nailing schedules. The given nailing configurations are identical with respect to number and diameter of nails on one end of the tested configuration (which is loaded symmetrically and therefore justifies use of the given nailing pattern on either end). The variation in nailing schedule also recognizes use of larger nails, which would provide greater nail strength than tested, and use of 1.5 inch fasteners which are a common option and are justified based upon the lateral nail capacity specified by the FBC which specifically consider penetration.	
14079	Comment and Recommendation by Administrator			c	c	c	Our office received the proper evaluation report signed and sealed by evaluator. On the issue of the nails for the HA4 connector, there are many prior samples	

							of evaluators using analysis to provide equivalent anchors for as tested conditions for this type of products. <u>Recommend Conditional Approval with condition of: For the AGUS product adjust tables in accordance with joist height.</u>	
14084	Alumiglass, Inc.	Panel Walls	Curtain Walls	a	-	-	<u>Recommend Approval</u>	New
14084	Public Comment by Jaime Gascon						Small missile Insulated glass lite 3A is not in compliance with 2411.3.3.7. For use in the HVHZ, indicate that shutters are required or remove lite option form approval.	
14084	Response by Scott Wolters						Section 2411.3.3.7 requires the exterior lite of an insulated glass unit to be safety glazed. We will revise glass type 3A, changing the exterior lite of glass to 1/4" tempered, to comply with this section. Please approve this product conditionally based on this revision.	
14084	Comment and Recommendation			c	c	c	<u>Recommend Conditional Approval</u>	

	by Administrator						<u>with condition of: At insulated glazing detail provide exterior lite of glass to be 1/4" tempered.</u>	
14091	Wausau Window and Wall Systems	Windows	Fixed	a	-	-	Recommend Approval	New
14091	Public Comment by Jaime Gascon						Product .4 limit insulated glass to large missile only per FBC 2411.3.3.7. (Installation instructions indicate IG for use in LM and S.M.)	
14091	Response by Javad Ahmad						Recommend Conditional Approval with Condition of: On Products .4 and 'Insulated glass is limited to large missile impact only. Not for use above 30 feet.'	
14091	Comment and Recommendation by Administrator			c	c	c	<u>Recommend Conditional Approval with condition of: Add a note under the limits of use for application 14091.4</u> <u>'Insulated glass is limited to large missile impact only. Not for use above 30 feet.'</u>	
Evaluation by Test Report								

13909-R1	Wasco Products, Inc.	Sky Lights	Skylight	a		Recommend Approval	Revision
13909-R1	Public Comment by Jaime Gascon					Product .4 limit positive design pressure to 50 psf since safety factor of 3 applies to plastic skylights; indicated per reference in page 3 of the test report & inclusive of Miami-Dade County's questions and answers. Product .14 is missing the marked-up drawings of the test report per TAS202 section 11.5, TAS201 section 10.5 and TAS203 section 11.5.	
13909-R1	Response by Roberto Lomas					In regards to line item .4, we have researched the Florida Building Code I were not able to find a reference to a safety factor of 3 for skylights using plastic as the infill, also in the TAS 202 protocol indicate a load of two times the design pressure in both directions, positive and negative. The only place that the a safety of 3 in the positive direction is found is in the Frequently Questions	

						<p>and answers document for Skylight published by the BCCO. Based on out findings, the rating in the application for line item .4 should remain as is, since a safety factor of two was applied in accordance with the testing protocol TAS 202.</p> <p>In regards to line item .14, we would like to request a conditional approval in order to upload the marked lab drawings.</p>		
13909-R1	Comment and Recommendation by Administrator			c	c	c	<p>The factor of safety is not required by the building code. If needed, it should be introduced as a code modification.</p> <p><u>Recommend conditional approval with condition of : For Product 13909.4 provide document from testing lab indicating that testing did not comply with Miami-Dade BCCO Q&A. For product 13909.14 provide marked lab drawings.</u></p>	