

FLORIDA BUILDING COMMISSION



FACILITATOR'S SUMMARY REPORT OF THE AUGUST 10, 2010 COMMISSION PLENARY SESSION MELBOURNE BEACH, FLORIDA

FACILITATION, MEETING AND PROCESS DESIGN BY



CONSENSUS CENTER

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FLORIDA BUILDING COMMISSION

SUPPLEMENT TO THE AUGUST 10, 2010 MINUTES

OVERVIEW OF COMMISSION'S KEY DECISIONS

TUESDAY, AUGUST 10, 2010

Welcome

Chairman Rodriguez welcomed the Commission, staff and the public to Melbourne and the August 2010 plenary session. The Chair indicated that the primary focus of August's meeting was to consider recommendations from the Commission's various committees, to decide on product approvals, declaratory statements and accessibility waivers, and to adopt the TAC's and a rule development workshop on the Product Approval Rule.

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, Ken Gregory, Dale Greiner, Jeff Gross, Jon Hamrick, Scott Mollan, Nick Nicholson, Rafael Palacios, John Scherer, Jim Schock, Chris Schulte, Jeff Stone, and Mark Turner.

Absent:

Donald Dawkins, Tony Grippa, Drew Smith, Tim Tolbert, and Randall Vann.

DCA Staff Present

Joe Bigelow, Suzanne Davis, Rick Dixon, Jim Hammers, Bruce Ketcham, Ila Jones, Mo Madani, Marlita Peters, Jim Richmond, and Ann Stanton.

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 August 10, 2010 meeting as amended. Following are the key agenda items approved for consideration:

- To Consider Regular Procedural Issues: Agenda Approval and Approval of the June 8, 2010 Minutes and 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 Conduct a Rule Development Workshop, Rule 9N-3, Product Approval.
- To Consider Publishing Formats for the 2010 Florida Building Code.
- To Consider/Decide on Code Administration, Fire, Mechanical, Plumbing, Roofing, and Special Occupancy Technical Advisory Committees (TACs), and Swimming Pool Sub-committee to the Plumbing TAC 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:
- To Discuss Commissioner Comments and Issues.
- To Receive Public Comment.
- To Review Committee Assignments and Issues for the Next Meeting—October 11 - 13, 2010 in Gainesville, and August 23 - 25 TAC Meetings in Gainesville.

Amendments to the Agenda:

None were offered.

Review and Approval of the June 8, 2010 Minutes and Facilitator's Summary Report

Motion—The Commission voted unanimously, 20 - 0 in favor, to approve the June 8, 2010 Minutes as amended, and the June 8, 2010 Facilitator's Summary Report as presented.

Amendments:

The implementation date for HB663 legislation should be corrected to July 1, 2010.

Chair's Discussion Issues and Recommendations

Building Code System Assessment Ad Hoc Committee

Chairman Rodriguez reported that Florida Statute, Chapter 553.77(1)(b), requires the Commission to make a continual study of the Florida Building Code and related laws and on a triennial basis report findings and recommendations to the Legislature for provisions of law that should be changed. The Commission conducted the first assessment in 2005, and this year (2010) the Commission will again solicit stakeholder input in the form of an on-line survey, and at the October 2010 Commission meeting consider and develop a package of recommendations for enhancements to the Florida Building Code System (the Code, the Commission, local administration, compliance and enforcement, and product evaluation and approval). The Chair indicated that he was appointing an ad hoc committee of Commission members to review the results of the Building Code System assessment survey and develop recommendations for the Commission regarding any proposed changes to the Building Code System. This will be a facilitated process and the Ad Hoc will meet at the October 2010 Commission meeting and the Commission will consider their recommendations at the December 2010 meeting for inclusion in the Report to the 2011 Legislature.

Following are the Ad Hoc committee appointments:

Raul Rodriguez (Chair), Dick Browdy, Ed Carson, Herminio Gonzalez, Jim Goodloe, Dale Greiner, Jeff Gross, Jon Hamrick, Jim Schock, Chris Schulte, Tim Tolbert, Mark Turner, and Randy Vann.

CEUs for Commissioners and TAC Members

Chairman Rodriguez indicated 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 send their name and license number(s) to Ila Jones at DCA.

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 #421.0

Motion—The Commission voted unanimously, 20 – 0 in favor, to approve advanced course #428.0

Motion—The Commission voted unanimously, 20 – 0 in favor, to approve advanced course #430.0

Motion—The Commission voted unanimously, 20 – 0 in favor, to approve advanced course #443.0

Motion—The Commission voted unanimously, 20 – 0 in favor, to approve advanced course #442.0

Motion—The Commission voted unanimously, 20 – 0 in favor, to defer action on course #433.

Motion—The Commission voted unanimously, 20 – 0 in favor, to defer action on course #434.

Motion—The Commission voted unanimously, 20 – 0 in favor, to defer action on course #435.

Motion—The Commission voted unanimously, 20 – 0 in favor, to defer action on course #441.

Motion—The Commission voted unanimously, 20 – 0 in favor, to approve the following administratively approved updated advanced courses on a consent agenda: course #s 64.3, 65.3, and 312.1.

(See Commission Minutes for Committee Report)

Consideration of Legal Issues

Appeals/Product Approval Revocations/Binding Interpretations

None/None/None

Legal Report

Petitions For Declaratory Statements

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

Second Hearings

DCA09-DEC-259 by Robert S. Fine Counsel for Malibu Lodging Investments, LLC

Motion—The Commission voted 20 – 0 in favor, dismiss the Petition without prejudice.

First Hearings

DCA10-DEC-059 by Paul T. Myers, Building Official of Putnam County

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

DCA10-DEC-059 by Paul T. Myers, Building Official of Putnam County

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

(Included as Attachment 4—Legal Report)

Rule Development Workshop Rule 9N-3 Product Approval

Chairman Rodriguez reported that at the June meeting the Commission voted to proceed with rule adoption for Rule 9N-3 (9N-3.002, 9N-3.007, 9N-3.008), Product Approval {f.k.a. Rule 9B-72}, to implement HB 663 product approval provisions, including expedited product approval for the certification method and revision the list of approved evaluation entities, by conducting a rule development workshop at the August 2010 Commission meeting. The August 2010 workshop provides an opportunity for public comment before the Commission votes to proceed with rule adoption.

The Rule Development Workshop was opened and an opportunity was presented for public comment. Commissioner Carson provided recommendations from the Product Approval POC that were accepted by the Commission. At the conclusion of public comment, the public comment portion of the hearing was closed, an opportunity was offered for Commission discussion, and the Commission took the following action:

Commission Actions:

Motion—The Commission voted unanimously, 20 - 0 in favor, to proceed with rule adoption for Rule 9N-3 (9N-3.002, 9N-3.007, 9N-3.008), Product Approval, subject to the POC's recommendations, by conducting a rule adoption hearing by teleconference only if requested, otherwise proceeding without a hearing, and filing the rule with the Secretary of State and authorizing the Secretary of DCA to sign-off on any required rule certification(s).

Consider Publishing Formats for the 2010 Florida Building Code

Chairman Rodriguez informed the Commission that each time the Commission produces a new Edition of the Code they consider how the different code volumes will be printed and packaged. Two times in the past the Legislature (based on Commission recommendations) has added codes to the Florida Building Code, the Residential Code and the Existing Building Code, and both of these are published as separate volumes. The Legislature has now added the Energy Code to the list of Foundation Codes for the 2010 Florida Building Code. For consistency the Energy Code will be pulled out of the Building Volume and published as a separate volume. Additionally, the Florida Accessibility Code will be updated sometime between the implementation of the 2010 and the 2013 FBC, when the US Department of Justice (DOJ) publishes the recently approved Standards for Accessible Design. Staff proposes that the Accessibility Code also be published as a separate document. As a practical matter, the Building Volume of the Code already requires the largest ring binder available. Publishing the Energy and Accessibility Codes as separate volume helps limit the physical size of the Code and will serve to reduce the size of the Building Volume to a single volume. To discuss this and issues of packaging the different volumes into sets for purchase Mark Johnson representing the ICC attended the meeting, and he indicated that he had also conferred with DCA and staff regarding the proposed packaging options. The public was provided an opportunity to comment and on balance supported the concept with the exception of expressing a desire to retain a single volume Residential Building Code Volume.

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.

Code Administration TAC

Commissioner Gonzalez presented the Committee's report and recommendations.

Commission Actions:

Motion—The Commission voted unanimously, 20 – 0 in favor, to accept the two meeting reports.
(See Commission Minutes for Committee Report)

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.
(See Commission Minutes for Committee Report)

Fire TAC

Commissioner Goodloe 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)

Plumbing TAC

Commissioner Gregory 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.

Motion—The Commission voted unanimously, 20 – 0 in favor to initiate revocation proceedings for failure to maintain a quality assurance program for the following products:

FL #s: 4141, 4865, 5484, 6339, 8853, 10881, 10997, 11326, 11327, 11004, 11015, 11199, 11272, 12086.
(See Commission Minutes for Committee Report)

Roofing TAC

Commissioner Schulte 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*)

Special Occupancy TAC

Commissioner Hamrick 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*)

Swimming Pool Sub-Committee to the Plumbing TAC

Commissioner Gregory presented the Sub-Committee's report and recommendations.

Commission Actions:

Motion—The Commission voted unanimously, 20 – 0 in favor, to accept the report.
(See *Commission Minutes for Sub-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:

- Schock: The TAC's should provide rationale on what the Florida specific need is for Code modifications they are recommending for approval.
- Boyer: The Code modification submittal form should be modified to require greater detail for rationale for the Florida specific need for proposed Code modifications.
- Stone: Agree with Schock and Boyer, there should be a Florida specific need for proposed Code modification
- Browdy: The Residential Building Code should include the relevant Energy Code provisions to maintain a stand-alone single volume Code for residential construction. Should provide written documents to comply with the Code.
- Gonzalez: Expressed concern for the action taken on the Product Approval Rule and wanted to ensure there will be another opportunity to comment on the Rule.
- Jim Richmond explained that anyone may request a Rule Adoption Hearing according to Chapter 120 procedures and requirements.
- Gregory: Expressed appreciation for the Commission's support for the pool industry with the Swimming Pool Subcommittee to the Plumbing TAC's meeting to review proposed Code modification. Pledged the pool industry's support for the Commission's process as well.
- Schulte: Expressed thanks to DCA staff and Jeff Blair for the excellent job done organizing and facilitating the TAC's Code modification review process.
- Nicholson: Expressed that Product Approval POC meetings work better when meeting in person.

General Public Comment

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

Public Comments:

- Overton: Indicated that the Product Approval POC meeting conducted by teleconference was 2.5 hours long, noisy and confusing. She expressed the view that Product Approval POC meetings work better face-to-face.
- Raul Rodriguez responded that the issue is economics and working with limited resources, and the Commission prefers face-to-face meetings but sometimes has to opt for teleconference meetings.
- Johnston: Expressed that Product Approval POC meetings should be conducted in person since they can be complex, controversial and confusing. The August teleconference PA POC meeting was hard to hear and confusing. He asserted that manufacturers prefer meeting in person for Product Approval.
- Jim Richmond noted that all teleconference meetings including the Product Approval POC also have an option to attend in person in Tallahassee.
- Gascon: Indicated that staff has done an excellent job with organizing and conducting the review of proposed Code modifications. Expressed concern for using no Florida specific need as a rationale to remove HVHZ provisions as proposed Code modifications. He noted the HVHZ is a system and you can't remove parts of it without impacting the whole system. He indicated he does not support these type of changes to the HVHZ.
- Raul Rodriguez noted that political scare tactics should not be used in response to any proposed changes to the HVHZ. Good science and facts should be used to evaluate whether a change should be made to the Code including to the HVHZ.
- Perez: Expressed concern for proposed modifications to HVHZ that will weaken the Code and/or the HVHZ system.
- Jim Richmond stated that any change to the HVHZ does not automatically weaken the Code, and that a technical evaluation should be made of proposed changes. He noted that changes to the HVHZ are not all a matter of an eminent life threat.
- Glenn: Expressed appreciation for how well the Code modification process has improved since the 2001 Code when you needed a stack of binders many feet tall to review the proposed modifications. Thanked Mo and staff for a great job.

Adjourn

The Commission voted unanimously, 20 – 0 in favor, to adjourn the meeting at 11:00 AM.

ATTACHMENT 1

MEETING EVALUATION RESULTS

August 10, 2010—Melbourne Beach, 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.

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

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

- 9.53 Accessibility Waiver Applications.
- 9.88 Approvals and Revocations of Products and Product Approval Entities.
- 9.88 Applications for Accreditor and Course Approval.
- 9.88 Legal Issues and Requests for Declaratory Statements.
- 9.71 Legislative Issues Update and Discussion.
- 9.88 Chairs Issues and Recommendations.
- 9.76 Commission's Workplan and Meeting Schedule Review and Update.
- 9.88 Rule Development Workshop on Rule 9N-3 (f.k.a. 9B-72), Product Approval.
- 9.76 Publishing Formats for the 2010 Florida Building Code.
- 9.88 TAC and POC Reports and Recommendations.
- 9.82 Workgroup and Committee Reports and Recommendations.

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

- 9.88 The members followed the direction of the Facilitator.
- 9.94 The Facilitator made sure the concerns of all members were heard.
- 9.94 The Facilitator helped us arrange our time well.
- 10.00 Participant input was documented accurately in Meeting Notes and Facilitator's Report.

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

- 9.88 Overall, I am very satisfied with the meeting.
- 9.94 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?

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

6. What did you like best about the meeting?

- Staff and facilitators preparation excellent.
- Meeting continues to be well organized and easy to follow.
- Area and location of the meeting.
- Expedience.
- Being by the beach.
- How smooth it all went.
- Kept on time and schedule.

7. How could the meeting have been improved?

- Meeting to be at the Hilton next time.
- Dancing girls!

8. Do you have any other comments?

- Rick Dixon facilitated the Code Administration TAC extremely well.
- Mo and Jeff did a fantastic job on moving the meetings.
- Kudo's to staff. Great Job!
- Whenever possible, PA POC meeting needs to be in person.
- The sound system was better thanks to everyone for using the microphone.
- Very disappointed in the facility.

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 August 10, 2010)

MEETING DATES

2009

February 2, 3 & 4
 April 6, 7 & 8
 June 8, 9 & 10
 August 10, 11 & 12
 October 12, 13 & 14
 December 7, 8 & 9

Meeting Location

Crowne Plaza, Melbourne, (321-777-4100)
 Hilton Hotel, Gainesville, (352--371-3600)
 Embassy Suites, Tampa, (813-977-7066)
 Crowne Plaza, Melbourne, (321-777-4100)
 Embassy Suites, Tampa, (813-977-7066)
 Rosen Centre, Orlando, (800-204-7234)

2010

Deadline

February 1,2 & 3
 April 5, 6 & 7
 June 7, 8 & 9
 August 9, 10 & 11
 October 11, 12 & 13
 December 6, 7 & 8

Meeting Location

Embassy Suites, Tampa, (813-977-7066)
 Hilton Hotel, Gainesville, (352-371-3600)
 Rosen Centre, Orlando, (321-777-4100)
 Crowne Plaza, Melbourne, (321-777-4100)
 Hilton Hotel, Gainesville, (352-371-3600)
 Crowne Plaza, Melbourne, (321-777-4100)

Reservation

January 1, 2010
 March 4, 2010
 May 6, 2010
 July 16, 2010
 September 9, 2010
 November 12, 2010

Teleconference Meetings

March 8 10:00 AM
 March 15 10:00 AM
 March 29 10:00 AM
 April 12 10:00 AM
 April 19 10:00 AM
 April 26 10:00 AM

Number: 888-808-6959
Call Code: 1967168

2011

Jan 31 & Feb 1 & 2
 April 4, 5 & 6
 June 6, 7 & 8
 August 8, 9 & 10
 October 10, 11 & 12
 December 5, 6 & 7

Meeting Location

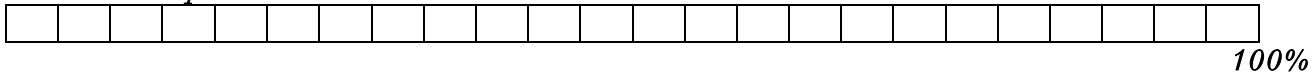
FLORIDA BUILDING COMMISSION 2010 WORKPLAN

ANNUAL ADMINISTRATIVE TASKS

1. Report to 2011 Legislature

<i>Schedule:</i>	
Commission identifies and receives draft recommendations	10/10
Commission report to 2009 Legislature	2/11

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

<i>Schedule:</i>	
Conduct Assessment Survey	7/10-9/10
Appoint Commission AdHoc Committee	8/10/10
AdHoc Committee meetings	10/12/10
Committee report to Commission	12/8/10
Report to 2011 Legislature	1/11

Status: Pending
% Complete



22. Workplan Prioritization

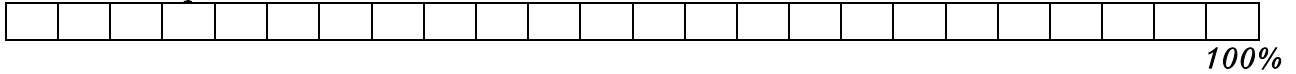
Schedule:

Survey sent to Commissioners 11/10

Review results at meeting 2/11

Status: Pending

% Complete



Origination: Commission. Annual task.

3. 2010 Commission Effectiveness Assessment Survey

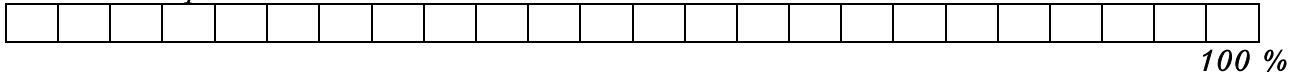
Schedule:

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

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 changes and develop recommendations for retaining the Florida amendment or the new I code requirement. *(see subtask below)* 12/6/09-1/20/10

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 1/20/10
(see subtask below)

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 *(By law- 45 day min before TAC review)* 6/1/10

TACs Review Proposals at Rule Development Workshop

TACs review proposed Florida amendments and adopt recommendations **7/27/10**
at Rule Development Workshop **8/9-12/10**

(Spcl Occup 7/15; Structural & Energy 8/23-25; all others at August 2010 Commission meeting) **8/23-24/10**

TAC recommendations posted to the website 9/3/10 45 day
comment period ends *(By law- 45 day min before Commission review)* 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 *(December 2010 Commission meeting)* **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 **3/1/11**
(By law- Code must be available for 6 months before implementation)

Glitch Fix Cycle Prior to Code Taking Effect

Code amended to resolve glitches *(see Glitch schedule below)* **4/11-6/11**

Code Books Available

Code printed with integrated Florida modifications and glitch fixes

10/1/11

Code implemented

12/31/11

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.

Subtasks:

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

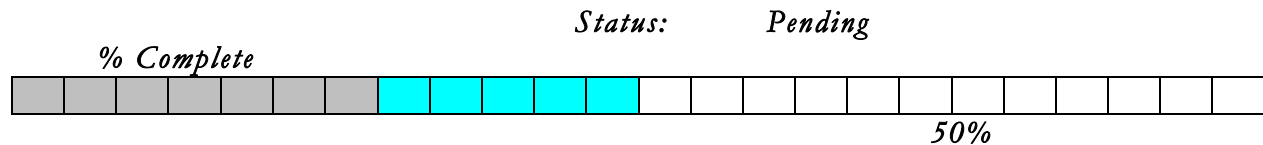
(Note: Law requires review of Florida specific amendments when I codes changes address the Florida amendment issue. The Commission must decide whether to retain the Florida amendment or to adopt the I code requirement. All other Florida specific amendments roll forward into the FBC update unless modified 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

(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.

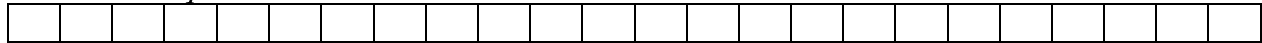
Subtasks:

- 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

Status: Pending

% Complete



0%

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 -

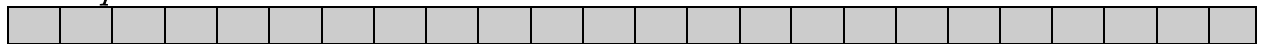
7a. Develop Rule for Energy Code Cost Effectiveness Test (HB 687 and HB 7135)

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

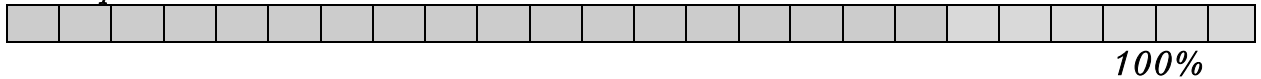
Origination: Recommendation of the Energy TAC resulting from consideration of Energy Code amendment proposals regarding replacement air-conditioning systems at the October 2008 meeting. Approved by the Commission October 15, 2008.

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



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

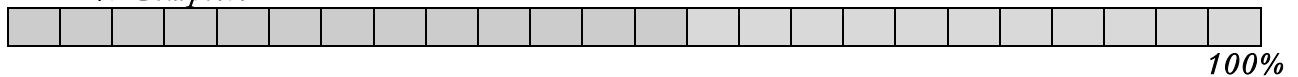
This task integrates the outputs of Task 35 and the Sub-tasks to develop a draft of Energy Code chapters for the 2010 FBC.

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



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

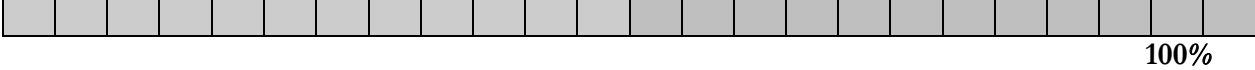
Subtask 29

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



100%

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

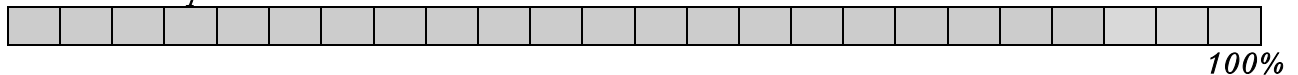
Workplan Priority 9

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	3/10
(See 2010 FBC development schedule)	

Status: Pending

% Complete



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

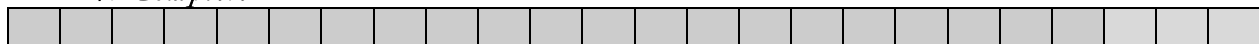
Workplan Priority 9

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	3/10
(See 2010 FBC development schedule)	

Status: Pending

% Complete



100%

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
Draft Code Completed	6/7/10
Staff Identify Changes to Law to Maintain Consistency with SAD	4/5/10
Consensus conclave to identify ESSENTIAL changes to law	10/13/10
Recommendation to Commission	12/8/10
Public Hearings	12/8/10
Commission adopts recommendation to Governor and Legislature	12/8/10
Report to Legislature (See Task 1)	2/2011

Status: Pending
 % Complete



80%

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



30%

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

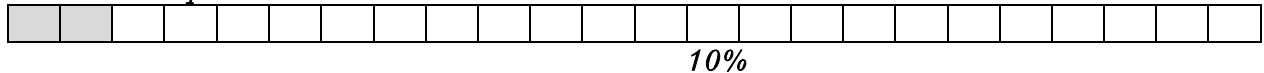
- Clarify energy performance requirements for pool pumps apply only to filtration pumps and change the maximum run time cycle override at high speed from 2 hours to 24 hours (or on changeover cycle whichever is less)
- Clarify sprinklers cannot be required for certain residential property used as rental 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



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

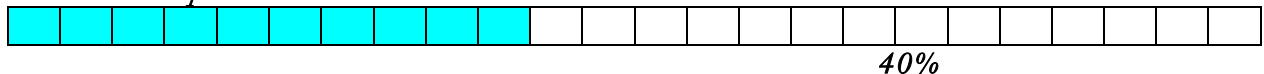
- Require payment of Administrator portion of application fee directly to the Administrator
- Implement new expedited process for approval of products based on certificate from a Certification Agency
- Eliminate ICBO ES, BOCA ES and SBCCI ES from list of approved Evaluation Entities

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:

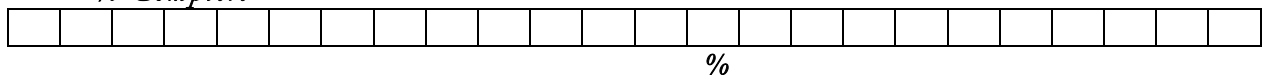
- Accessibility Code waivers
- Declaratory statements
- Non-binding opinions

Schedule:

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

Status: Pending

% Complete



ATTACHMENT 3
ACCESSIBILITY WAIVER SUMMARY

Waivers from Accessibility Code Requirements—August 10, 2010

1. Fidelity National Financial Aircraft Hanger, 14601 Whirlwind Avenue, Jacksonville

Analysis: The applicant is requesting a waiver for providing vertical accessibility to the second floor of an existing structure. The project is an alteration to the second floor of a two story aircraft hanger consisting of offices, restrooms on the first floor (3,942 sq ft) and vacant space on the second floor (2,944 sq ft) that will be altered. The total cost of the alteration to the second floor is \$10,699. Cost proposals for an elevator obtained by the applicant exceed \$35,000. The altered space is to be used by the company’s pilots.

Council Recommendation: Approve based on undue hardship

Commission Action: Waiver Granted

2. AME Research Building, University, Tallahassee

Analysis: The applicant is requesting a waiver of providing vertical accessibility to all levels of seating in seminar room 106, in this is a new building. The proposed A.M.E research building consists of a two story 60,337 SF institution building on the FSU campus. The owner proposes to provide all accessible seating at the front and back of the auditorium. The laboratory also provides office space for the administration and faculty. Total cost for this project is estimated at \$20,084,073.00.

Council Recommendation: Approve based on unnecessary hardship

Commission Action: Waiver Granted

3. Picerne Building Storage Annex, 247 North Westmonte Drive, Altamonte Springs

Analysis: This project is a change of occupancy from an existing bus garage to storage with addition of a mezzanine. The applicant is requesting a waiver from providing vertical accessibility to a storage mezzanine and accessible parking and accessible route to the Annex Building and provides the following information. The total area of first floor and mezzanine is 1,633 SF. Mezzanine cost \$15,500. Estimated vertical access costs: elevator \$75,000; lift \$18,000; LULA \$30,000. There is no existing pedestrian path to the Annex Building, no accessible parking and no accessible entrance. Site work and building entrance modification cost

estimate \$8600. No permanent work stations. Building used for storage of boxed files and building plans.

Council Recommendation:

Issue 1: Vertical access to storage area mezzanine

Recommendation: Approve due to unnecessary hardship

Issue 2: Accessible route to storage annex and accessible parking

Recommendation: Deny due to lack of jurisdiction

Commission Action:

Issue 1: Waiver Granted

Issue 2: Waiver Denied

4. University of South Florida Soccer Park, 4202 E. Fowler Avenue, Tampa

Analysis: The applicant is requesting a waiver for providing vertical accessibility to every level in a newly designed stadium with 500 fixed seats. Total cost of new construction for this project is \$3.5 million. Note: the owner proposes alternative compliance to s.553.509, F.S., Vertical accessibility, by providing accessible seating configurations consistent with U.S Department of Justice Disability Rights on Accessible Stadiums.

Council Recommendation: Approve based on unnecessary hardship

Commission Action: Waiver Granted

5. Miami Beach Cineatheque, 1130 Washington Avenue Miami Beach

Analysis: The applicant is requesting a waiver from providing vertical accessibility to all levels of theater stadium seating in a \$150,000 alteration to existing space. The space to be altered is a tenant space in a building owned by Miami Beach. The applicant proposes to place the required 4 wheel chair spaces at the finished floor level.

Council Recommendation: Approve waiver of vertical access to all levels based on technically infeasible

Commission Action: Waiver Granted

ATTACHMENT 4

LEGAL REPORT

Second Hearings—August 10, 2010

Commission Action: Dismissed without prejudice

DCA09-DEC-259 by Robert S. Fine Counsel for Malibu Lodging Investments, LLC.

Question 1: Does the installation of lightweight material (such as vinyl mesh) murals on the exterior of existing buildings, where the material does not encroach the public right-of-way, require a building permit as might otherwise be required by under Section 105.1 of the FBC (2004 and 2007 editions)?”

Answer: Yes. According to Section 403 of the Florida Building Code, Existing Building and Section 3107 of the Florida Building Code, Building the level of work described falls within the scope of the Florida Building Code “regulated by the Code” and for that a building permit would be required.

Question 2: If the answer to question (1) above is in the affirmative, then, on an existing building which had a mural as described in question (1) above installed prior to the original effective date of the Florida Building Code (i.e. the 2001 edition), would the lowering and then re-hanging the mural material to the existing fasteners periodically for maintenance purposes (or, for example, during hurricane warning through the passing of the storm periods) constitute a repair or an alteration under FBC Existing Building Volume (2007 edition) (FBC-EB)?

Answer: The level of work in question is specific to an existing installation which falls outside the scope of the Declaratory Statement process. The Declaratory Statement process is limited in scope to future projects.

Question 3: Regarding the scenarios set forth in questions (1) and (2) above, would the vinyl murals described in questions (2) and (3) above be considered “structural elements” for the purpose of FBC –EB?

Answer: Yes. The product in question will impose additional dead load (gravity load due to the weight of all materials) which has to be supported by the existing building and transferred to the structural members of the existing building

First Hearings—August 10, 2010

Commission Action: Dismissed due to lack of jurisdiction

DCA10-DEC-059 by Paul T. Myers, Building Official of Putnam County

Question: Is it the intent of Florida Statute 553.73 and the 2007 Florida Building Code Section 102.2, which specifically exempts nonresidential farm building on farms from the provisions of the Florida Building Code, to also exempt the construction of a new building or addition, or the alteration or change use of an existing building , on a farm, under the following conditions:

1. Making and bottling of wine (alcohol content 14% or less) from farm grown grapes.
2. The processing of fish meat or caviar from farm raised fish.
3. Expansion of a nursery or farm to include an office to receive the public for purchase of off-site services (i.e., landscaping, fencing, or yard care).
4. The construction of an equestrian arena, stables or barns for non-farm related activities (i.e., private hunt clubs, show events, public use or boarding).
5. Construction of an office for farm use (bookkeeping, hiring, etc.).

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)

ATTACHMENT 5
PRODUCT AND ENTITY APPROVAL REPORT

ID	Manufacturer	Category	Subcategory	TBA	POC	FBC	Comments	Stat.
Certification Method - FBC Voted Approval								
229-R5	Simonton Windows	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
993-R4	Kinro, Inc	Windows	Single Hung	a	a	a	Recommend Approval	Revision
1026-R2	Karnak Corporation	Roofing	Cements-Adhesives-Coatings	a	a	a	Recommend Approval	Revision
1092-R5	Andersen Corporation	Windows	Fixed	a	a	a	Recommend Approval	Revision
3294-R4	Quality Engineered Products	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
5455-R3	Kawneer Company, Inc.	Windows	Single Hung	a	a	a	Recommend Approval	Revision
6393-R3	VELUX America Inc.	Sky Lights	Skylight	a	a	a	Recommend Approval	Revision
6683-R5	Lincoln Wood Products, Inc. / Timeline Vinyl Products, Inc.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
7424-R2	W. P. Hickman Co.	Roofing	Roofing Accessories that are an Integral Part of the Roofing System	a	a	a	Recommend Approval	Revision
8072-R1	DORMA Automatics	Exterior	Automatic	a	a	a	Recommend	Revision

		Doors	Exterior Door Assemblies				Approval	
8090-R2	Florida Extruders International, Inc.	Windows	Horizontal Slider	a	a	a	Recommend Approval	Revision
8160-R3	Florida Extruders International, Inc.	Windows	Fixed	a	a	a	Recommend Approval	Revision
8161-R3	Florida Extruders International, Inc.	Windows	Fixed	a	a	a	Recommend Approval	Revision
8409-R3	Florida Extruders International, Inc.	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
8411-R2	Florida Extruders International, Inc.	Windows	Single Hung	a	a	a	Recommend Approval	Revision
8605-R2	Parex USA, Incorporated	Panel Walls	Exterior Insulation Finish System	a	a	a	Recommend Approval	Revision
8768-R2	CURRIES	Exterior Doors	Exterior Door Components	a	a	a	Recommend Approval	Revision
9266-R2	Florida Extruders International, Inc.	Windows	Single Hung	a	a	a	Recommend Approval	Revision
9324-R2	Shwinco Industries Inc.	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
9562-R3	Pella Corporation	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
9583-R3	Pella Corporation	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
9624-R2	Pella Corporation	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
9626-R2	Pella Corporation	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
10338-R3	JELD-WEN	Windows	Fixed	a	a	a	Recommend	Revision

							Approval	
10674-R3	Owens Corning	Roofing	Asphalt Shingles	a	a	a	Recommend Approval	Revision
10695-R1	JELD-WEN	Windows	Horizontal Slider	a	a	a	Recommend Approval	Revision
10846-R1	JELD-WEN	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
10938-R2	JELD-WEN	Windows	Awning	a	a	a	Recommend Approval	Revision
10939-R3	JELD-WEN	Windows	Casement	a	a	a	Recommend Approval	Revision
10943-R4	JELD-WEN	Windows	Double Hung	a	a	a	Recommend Approval	Revision
10948-R2	JELD-WEN	Windows	Single Hung	a	a	a	Recommend Approval	Revision
10952-R1	JELD-WEN	Windows	Casement	a	a	a	Recommend Approval	Revision
10953-R1	JELD-WEN	Windows	Horizontal Slider	a	a	a	Recommend Approval	Revision
10963-R1	JELD-WEN	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
11092-R1	Windsor Windows and Doors	Windows	Double Hung	a	a	a	Recommend Approval	Revision
11511-R1	Windsor Windows and Doors	Windows	Fixed	a	a	a	Recommend Approval	Revision
11517-R1	Windsor Windows and Doors	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
11547-R1	MI Windows and Doors	Windows	Single Hung	a	a	a	Recommend Approval	Revision
11548-R1	MI Windows and Doors	Windows	Fixed	a	a	a	Recommend Approval	Revision
11573-R1	Windsor Windows and Doors	Exterior Doors	Swinging Exterior Door	a	a	a	Recommend Approval	Revision

			Assemblies					
11598-R2	JELD-WEN	Windows	Fixed	a	a	a	Recommend Approval	Revision
11599-R2	JELD-WEN	Windows	Single Hung	a	a	a	Recommend Approval	Revision
11619-R1	Windsor Windows and Doors	Windows	Casement	a	a	a	Recommend Approval	Revision
11626-R1	Atrium Companies Inc.	Windows	Single Hung	a	a	a	Recommend Approval	Revision
11757-R1	Anemostat Products	Exterior Doors	Exterior Door Component Products Introduced as a Result of New Technology	a	a	a	Recommend Approval	Revision
11825-R5	MI Windows and Doors	Windows	Fixed	a	a	a	Recommend Approval	Revision
11826-R4	Atrium Companies Inc.	Windows	Double Hung	a	a	a	Recommend Approval	Revision
11827-R5	MI Windows and Doors	Windows	Single Hung	a	a	a	Recommend Approval	Revision
11828-R2	Atrium Companies Inc.	Windows	Horizontal Slider	a	a	a	Recommend Approval	Revision
12006-R2	MI Windows and Doors	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
12016-R1	Simonton Windows	Windows	Casement	a	a	a	Recommend Approval	Revision
12031-R1	Kinro, Inc	Windows	Fixed	a	a	a	Recommend Approval	Revision
12100-R1	Shwinco Industries Inc.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
12264-R1	JELD-WEN	Windows	Awning	a	a	a	Recommend Approval	Revision

12269-R2	JELD-WEN	Windows	Single Hung	a	a	a	Recommend Approval	Revision
12327-R1	Resiver Patio Doors	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
12400-R1	Ingersoll-Rand	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
12484-R1	MARITECH WINDOWS	Windows	Fixed	a	a	a	Recommend Approval	Revision
12562-R1	Gilkey Window Company, Inc.	Windows	Horizontal Slider	a	a	a	Recommend Approval	Revision
12586-R3	MI Windows and Doors	Windows	Horizontal Slider	a	a	a	Recommend Approval	Revision
12602-R2	Pella Corporation	Windows	Single Hung	a	a	a	Recommend Approval	Revision
12603-R2	Pella Corporation	Windows	Fixed	a	a	a	Recommend Approval	Revision
12604-R2	Pella Corporation	Windows	Horizontal Slider	a	a	a	Recommend Approval	Revision
12936	Thermo Green Windows LLC	Windows	Double Hung	a	a	a	Recommend Approval	New
13281	TAMKO Building Products, Inc.	Roofing	Cements-Adhesives-Coatings	a	a	a	Recommend Approval	New
13329-R2	Resiver Patio Doors	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
13513-R1	MI Windows and Doors	Windows	Double Hung	a	a	a	Recommend Approval	Revision
13696	KML Windows, Inc.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
13700-R1	JELD-WEN	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	Revision

13714	Watkins Sawmills Ltd	Roofing	Wood Shingles and Shakes	a	a	a	Recommend Approval	New
13725	Stanek Vinyl Windows	Windows	Awning	a	a	a	Recommend Approval	New
13726	Stanek Vinyl Windows	Windows	Casement	a	a	a	Recommend Approval	New
13740	Energy Saving Window & Doors, Inc.	Windows	Fixed	a	a	a	Recommend Approval	New
13744	Elixir Industries Georgia Door Division	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
13774	E.S. Windows, Inc.	Windows	Horizontal Slider	a	a	a	Recommend Approval	New
13775	Marvin Windows and Doors	Windows	Casement	a	a	a	Recommend Approval	New
13776	Hager Companies	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
13785	Kolbe Windows and Doors - Wausau	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	New
13788	Pella Corporation	Windows	Double Hung	a	a	a	Recommend Approval	New
13792	Blue Ridge Fiberboard, Inc.	Roofing	Roofing Insulation	a	a	a	Recommend Approval	New
13795	KML Windows, Inc.	Windows	Casement	a	a	a	Recommend Approval	New
13796	KML Windows, Inc.	Windows	Awning	a	a	a	Recommend Approval	New
13801	MI Windows and Doors	Windows	Fixed	a	a	a	Recommend Approval	New
13816	Coating and Foam Solutions, LLC	Roofing	Liquid Applied Roof Systems	a	a	a	Recommend Approval	New
13827	Marvin Windows and Doors	Windows	Casement	a	a	a	Recommend Approval	New
13841	Ply Gem Windows	Windows	Fixed	a	a	a	Recommend	New

							Approval	
13842	Ply Gem Windows	Windows	Double Hung	a	a	a	Recommend Approval	New
13847	Ply Gem Windows	Windows	Horizontal Slider	a	a	a	Recommend Approval	New
13857	Mid-States Asphalt & Cant Strip, Inc.	Roofing	Underlayments	a	a	a	Recommend Approval	New
13859	Comfort View Products LLC	Windows	Casement	a	a	a	Recommend Approval	New
13860	Comfort View Products LLC	Windows	Fixed	a	a	a	Recommend Approval	New
13882	Rolsafe	Panel Walls	Products Introduced as a Result of New Technology	a	a	a	Recommend Approval	New
13887	All Seasons Commercial Div.	Windows	Casement	a	a	a	Recommend Approval	New
13890	Weather Shield Mfg., Inc.	Windows	Awning	a	a	a	Recommend Approval	New
13915	E.S. Windows, Inc.	Windows	Fixed	a	a	a	Recommend Approval	New
Evaluation by Engineer/Architect Method								
477-R4	CertainTeed Corporation-Roofing	Roofing	Built up Roofing	a	a	a	Recommend Approval	Revision
1800-R5	ADCO Products, Inc.	Roofing	Cements-Adhesives-Coatings	a	a	a	Recommend Approval	Revision
3234-R6	ODL/Western Reflections	Exterior Doors	Exterior Door Components	a	a	a	Recommend Approval	Revision
4054-R2	Gulf States Manufacturers	Structural Components	Roof Deck	a	a	a	Recommend Approval	Revision

4055-R2	Gulf States Manufacturers	Panel Walls	Siding	a	a	a	Recommend Approval	Revision
4249-R3	US Building Systems Corp	Panel Walls	Siding	a	a	a	Recommend Approval	Revision
4609-R3	Roller Star USA	Shutters	Roll-up	a	a	a	Recommend Approval	Revision
5013-R3	Roll-a-way by QMI	Shutters	Roll-up	a	a	a	Recommend Approval	Revision
5259-R10	POLYGLASS USA	Roofing	Underlayments	a	a	a	Recommend Approval	Revision
5587-R3	Wayne-Dalton, a division of Overhead Door Corporation	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
5790-R6	American Shutter Systems Association, Inc.	Shutters	Roll-up	a	a	a	Recommend Approval	Revision
6943-R2	GenFlex Roofing Systems, LLC	Roofing	Single Ply Roof Systems	a	a	a	Recommend Approval	Revision
7288-R4	American Shutter Systems Association, Inc.	Shutters	Accordion	a	a	a	Recommend Approval	Revision
7511-R2	THERMO-KOOL	Structural Components	Exterior Coolers-Freezers	a	a	a	Recommend Approval	Revision
7989-R4	ASI Building Products	Shutters	Storm Panels	a	a	a	Recommend Approval	Editorial Change
8097-R2	Kirsch Building Products LLC	Roofing	Underlayments	a	a	a	Recommend Approval	Revision
8248-R6	Wayne-Dalton, a division of Overhead Door Corporation	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
9166-R3	Wayne-Dalton, a division of Overhead Door Corporation	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
9174-R5	Wayne-Dalton, a division of Overhead Door Corporation	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
9444-R2	Wayne-Dalton, a division	Exterior	Roll-Up	a	a	a	Recommend	Revision

	of Overhead Door Corporation	Doors	Exterior Door Assemblies				Approval	
9475-R2	EFCO Corporation	Windows	Double Hung	a	a	a	Recommend Approval	Revision
9476-R2	EFCO Corporation	Windows	Single Hung	a	a	a	Recommend Approval	Revision
9517-R3	DaVinci Roofscapes, LLC	Roofing	Products Introduced as a Result of New Technology	a	a	a	Recommend Approval	Revision
9779-R3	Soprema, Inc.	Roofing	Cements-Adhesives-Coatings	a	a	a	Recommend Approval	Revision
10352-R1	Bovard Studio, Inc.	Shutters	Storm Panels	a	a	a	Recommend Approval	Revision
10429-R2	Wayne-Dalton, a division of Overhead Door Corporation	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
10737-R2	Wayne-Dalton, a division of Overhead Door Corporation	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
10819-R2	Wayne-Dalton, a division of Overhead Door Corporation	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
10958-R2	Wayne-Dalton, a division of Overhead Door Corporation	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
11057-R1	EFCO Corporation	Windows	Fixed	a	a	a	Recommend Approval	Revision
11233-R3	Wayne-Dalton, a division of Overhead Door Corporation	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
11288-R5	CertainTeed Corporation-Roofing	Roofing	Underlayments	a	a	a	Recommend Approval	Revision
11354-R1	American Shutter	Shutters	Accordion	a	a	a	Recommend	Revision

	Systems Association, Inc.						Approval	
11521-R2	Overhead Door Corporation	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
11663-R1	Cladding Systems, Inc.	Panel Walls	Siding	a	a	a	Recommend Approval	Revision
11734-R1	Overhead Door Corporation	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
12020-R1	Cladding Systems, Inc.	Panel Walls	Siding	a	a	a	Recommend Approval	Revision
12099-R1	Wayne-Dalton, a division of Overhead Door Corporation	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
12144-R1	The Garland Company, Inc.	Roofing	Modified Bitumen Roof System	a	a	a	Recommend Approval	Revision
12178-R1	C.H.I. Overhead Doors	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
12338	Sunoptics Prismatic Skylights	Sky Lights	Skylight	a	a	a	Recommend Approval	New
12480-R1	Sun Metals Systems, Inc.	Panel Walls	Curtain Walls	a	a	a	Recommend Approval	Revision
12583-R1	Florida Extruders International, Inc.	Windows	Mullions	a	a	a	Recommend Approval	Revision
12757-R2	Dow Roofing Systems	Roofing	Single Ply Roof Systems	a	a	a	Recommend Approval	Revision
12912-R1	EFCO Corporation	Windows	Projected	a	a	a	Recommend Approval	Revision
13139	Royal Building Products	Panel Walls	Soffits	a	a	a	Recommend Approval	New
13167-R1	C.H.I. Overhead Doors	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
13205	Winco Window	Windows	Fixed	a	a	a	Recommend	New

	Company						Approval	
13206	Winco Window Company	Windows	Projected	a	a	a	Recommend Approval	New
13207	Winco Window Company	Windows	Casement	a	a	a	Recommend Approval	New
13209	Winco Window Company	Windows	Projected	a	a	a	Recommend Approval	New
13210	Winco Window Company	Windows	Casement	a	a	a	Recommend Approval	New
13211	Winco Window Company	Windows	Fixed	a	a	a	Recommend Approval	New
13212	Winco Window Company	Windows	Projected	a	a	a	Recommend Approval	New
13213	Winco Window Company	Windows	Single Hung	a	a	a	Recommend Approval	New
13321-R1	YKK AP America	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
13456	Major Industries	Sky Lights	Skylight	a	a	a	Recommend Approval	New
13479-R1	Style Crest Inc.	Panel Walls	Siding	a	a	a	Recommend Approval	Revision
13482	Kawneer Company, Inc.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
13512	Shepherd Distribution	Roofing	Underlayments	a	a	a	Recommend Approval	New
13526	Winco Window Company	Windows	Fixed	a	a	a	Recommend Approval	New
13527	Winco Window Company	Windows	Casement	a	a	a	Recommend Approval	New
13528	Winco Window Company	Windows	Projected	a	a	a	Recommend Approval	New
13549	Petersen Aluminum Corporation	Roofing	Metal Roofing	a	a	a	Recommend Approval	New
13574	Windoor Incorporated	Exterior	Sliding	a	a	a	Recommend	New

		Doors	Exterior Door Assemblies				Approval	
13624-R1	CAL-ROYAL PRODUCTS INC.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
13670	Overhead Door Corporation	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	New
13679	Armor Screen Corp.	Shutters	Products Introduced as a Result of New Technology	a	a	a	Recommend Approval	New
13715	Windoor Incorporated	Windows	Double Hung	a	a	a	Recommend Approval	New
13727	AFCO Industries, Inc.	Exterior Doors	Exterior Door Components	a	a	a	Recommend Approval	New
13749	ProVia Door, Inc.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
13755	Kolbe Windows and Doors - Manawa	Windows	Double Hung	a	a	a	Recommend Approval	New
13758-R1	Windoor Incorporated	Windows	Fixed	a	a	a	Recommend Approval	New
13766	ROLLINGSHIELD INC	Shutters	Accordion	a	a	a	Recommend Approval	Revision
13780	Amarr Garage Doors	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	New
13787	Crane Composites, Inc.	Panel Walls	Siding	a	a	a	Recommend Approval	New
13793	Crane Composites, Inc.	Structural Components	Roof Deck	a	a	a	Recommend Approval	New
13794	Metal Sales Manufacturing Corporation	Roofing	Metal Roofing	a	a	a	Recommend Approval	New

13797	Raynor Garage Doors	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	New
13806	Soprema, Inc.	Roofing	Liquid Applied Roof Systems	a	a	a	Recommend Approval	New
13812	Paradigm Window Solutions	Windows	Mullions	a	a	a	Recommend Approval	New
13813	Pella Corporation	Windows	Mullions	a	a	a	Recommend Approval	New
13815	Pella Corporation	Windows	Mullions	a	a	a	Recommend Approval	New
13817	Portalp USA, Inc.	Exterior Doors	Automatic Exterior Door Assemblies	a	a	a	Recommend Approval	New
13820	The Miller-Clapperton Partnership, Inc.	Panel Walls	Siding	a	a	a	Recommend Approval	New
13822	Simonton Windows	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	New
13828	Simonton Windows	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
13830	Dato Construction, LLC	Roofing	Metal Roofing	a	a	a	Recommend Approval	New
13831	ODL/Western Reflections	Exterior Doors	Exterior Door Components	a	a	a	Recommend Approval	New
13833	Simonton Windows	Windows	Double Hung	a	a	a	Recommend Approval	New
13834	Simonton Windows	Windows	Horizontal Slider	a	a	a	Recommend Approval	New
13835	Simonton Windows	Windows	Casement	a	a	a	Recommend Approval	New
13836	Simonton Windows	Windows	Awning	a	a	a	Recommend Approval	New
13837	Simonton Windows	Windows	Fixed	a	a	a	Recommend Approval	New

13838	Agri-Metal Supply Inc.	Structural Components	Roof Deck	a	a	a	Recommend Approval	New
13839	Plastpro Inc. / Nanya Plastics Corp.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
13840	Hormann LLC	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	New
13844	Pella Corporation	Windows	Mullions	a	a	a	Recommend Approval	New
13846	General Aluminum Company	Windows	Horizontal Slider	a	a	a	Recommend Approval	New
13848	General Aluminum Company	Windows	Fixed	a	a	a	Recommend Approval	New
13849	General Aluminum Company	Windows	Casement	a	a	a	Recommend Approval	New
13850	General Aluminum Company	Windows	Single Hung	a	a	a	Recommend Approval	New
13851	Dow Roofing Systems	Roofing	Single Ply Roof Systems	a	a	a	Recommend Approval	New
13852	Ply Gem Windows	Windows	Double Hung	a	a	a	Recommend Approval	New
13853	Ply Gem Windows	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
13867	PGT Industries	Windows	Mullions	a	a	a	Recommend Approval	New
13870	Metal Sales Manufacturing Corporation	Structural Components	Roof Deck	a	a	a	Recommend Approval	New
13871	UNION CORRUGATING COMPANY	Roofing	Metal Roofing	a	a	a	Recommend Approval	New
13878	All Metal Roofing and Siding, Inc.	Structural Components	Roof Deck	a	a	a	Recommend Approval	New
13889	Tell Manufacturing, Inc.	Exterior	Swinging	a	a	a	Recommend	New

		Doors	Exterior Door Assemblies				Approval	
13892	The Dow Chemical Company	Roofing	Cements-Adhesives-Coatings	a	a	a	Recommend Approval	New
13897	Solar Innovations, Inc.	Exterior Doors	Exterior Door Assembly Products Introduced as a Result of New Technology	a	a	a	Recommend Approval	New
13903	Wheeling Corrugating Company	Roofing	Metal Roofing	a	a	a	Recommend Approval	New
13904	Simpson Strong-Tie Co.	Structural Components	Wood Connectors	a	a	a	Recommend Approval	New
13905	Five Star Quality Manufacturing Corp.	Exterior Doors	Roll-Up Exterior Door Assemblies	a	a	a	Recommend Approval	New
13906	KTC Metals, Inc.	Shutters	Storm Panels	a	a	a	Recommend Approval	New
13907	KTC Metals, Inc.	Shutters	Storm Panels	a	a	a	Recommend Approval	New
13908	KTC Metals, Inc.	Shutters	Storm Panels	a	a	a	Recommend Approval	New
13912	Five Star Quality Manufacturing Corp.	Exterior Doors	Roll-Up Exterior Door Assemblies	a	a	a	Recommend Approval	New
13922	CAL-ROYAL PRODUCTS INC.	Exterior Doors	Exterior Door Components	a	a	a	Recommend Approval	New
Evaluation by Test Report								
2077-R5	Black Warrior Roofing	Roofing	Underlayments	a	a	a	Recommend Approval	Revision
13680	G.A.P. Roofing	Roofing	Underlayments	a	a	a	Recommend	Revision

							Approval	
Evaluation by Evaluation Entity - FBC Voted Approval								
5734-R1	CertainTeed Corporation Siding Products	Panel Walls	Siding	a	a	a	Recommend Approval	Revision
13285	United Steel Products Company	Structural Components	Wood Connectors	a	a	a	Recommend Approval	New
13359	International Impact Building Products	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	New
13466	Greenheck Fan Corporation	Roofing	Roofing Accessories that are an Integral Part of the Roofing System	a	a	a	Recommend Approval	New
13650	Horton Automatics	Exterior Doors	Automatic Exterior Door Assemblies	a	a	a	Recommend Approval	New
13731	Simpson Strong-Tie Co.	Structural Components	Wood Connectors	a	a	a	Recommend Approval	New
13821	The Miller-Clapperton Partnership, Inc.	Panel Walls	Siding	a	a	a	Recommend Approval	New
13845	Accurex, LLC	Roofing	Roofing Accessories that are an Integral Part of the Roofing System	a	a	a	Recommend Approval	New
13873	Sunshine Windows Manufacturing Inc.	Windows	Single Hung	a	a	a	Recommend Approval	New
13874	Sunshine Windows	Windows	Horizontal	a	a	a	Recommend	New

	Manufacturing Inc.		Slider				Approval	
13875	Sunshine Windows Manufacturing Inc.	Windows	Casement	a	a	a	Recommend Approval	New
13877	Sunshine Windows Manufacturing Inc.	Windows	Casement	a	a	a	Recommend Approval	New
Entities - FBC Voted Approval								
CER 1497	Intertek Testing Services NA Inc. - ETL/Warnock Hersey	Product Certification Agency		a	a	a	Recommend Approval	Revision
CER 1498	American Architectural Manufacturers Association	Product Certification Agency		a	a	a	Recommend Approval	Revision
CER 1663	PSI/Pittsburgh Testing laboratory	Product Certification Agency		a	a	a	Recommend Approval	Revision
CER 1523	Keystone Certifications, Inc.	Product Certification Agency		a	a	a	Recommend Approval	Revision
CER 1739	Underwriters Laboratories Inc.	Product Certification Agency		a	a	a	Recommend Approval	Revision
CER 2512	APA - The Engineered Wood Association	Product Certification Agency		a	a	a	Recommend Approval	Revision
CER 3471	PFS Corporation	Product Certification Agency		a	a	a	Recommend Approval	Revision
CER 8824	NTA Inc	Product Certification Agency		a	a	a	Recommend Approval	New
TST 1509	Intertek Testing Services NA Ltd.	Product Testing Laboratory		a	a	a	Recommend Approval	Revision
TST 1679	PFS Corporation	Product		a	a	a	Recommend	Revision

		Testing Laboratory					Approval	
TST 1740	Underwriters Laboratories Inc.	Product Testing Laboratory		a	a	a	Recommend Approval	Revision
TST 1867	FM Approvals	Product Testing Laboratory		a	a	a	Recommend Approval	Revision
TST 1987	RADCO, Inc.	Product Testing Laboratory		a	a	a	Recommend Approval	Revision
TST 3478	NTA, Inc.	Product Testing Laboratory		a	a	a	Recommend Approval	Revision
TST 4205	Progressive Engineering, Inc.	Product Testing Laboratory		a	a	a	Recommend Approval	Revision
TST 5328	Force Engineering & Testing, Inc.	Product Testing Laboratory		a	a	a	Recommend Approval	Revision
TST 6127	Ramtech Laboratories, Inc.	Product Testing Laboratory		a	a	a	Recommend Approval	Revision
QUA 1680	PFS Corporation	Product Quality Assurance		a	a	a	Recommend Approval	Revision
QUA 1673	Intertek Testing ServicesNA Inc. - ETL/Warnock Hersey	Product Quality Assurance		a	a	a	Recommend Approval	Revision
QUA 1789	National Accreditation and Management Institute	Product Quality Assurance		a	a	a	Recommend Approval	Revision
QUA 1988	PSI/Pittsburgh Testing Laboratory	Product Quality Assurance		a	a	a	Recommend Approval	Revision
QUA 1990	RADCO, Inc.	Product		a	a	a	Recommend	Revision

		Quality Assurance					Approval	
QUA 6128	Ramtech Laboratories, Inc.	Product Quality Assurance		a	a	a	Recommend Approval	Revision
QUA 7309	Smith Emery Laboratories	Product Quality Assurance		a	a	a	Recommend Approval	Revision
Discussion Items								
13893	Superior Window Corp.	Windows	Fixed				1. Test report is not for the assembly(ies) on application. 2. Evaluation report and installation drawings indicate configurations that are not as applied.	New
13893	Public Comment by Jaime Gascon						Units other than fixed are not covered by the evaluation submitted; see additional conditions shown in drawings. Is the approval for a fixed window or a structural component - 'aluminum receptor system'?	
13893	Response by Hermes Norero						Mr. Berman, We discussed changes with your office and the customer. We comply with changes	

							and will perform them after the meeting's discussion.	
13893	Recommendation by Administrator				d	d	d	<u>Recommend Deferral with conditions of: Provide test reports for the assemblies on application. Evaluation report shall refer only to the assemblies on application.</u>
13894	Superior Window Corp.	Windows	Projected				1. Test report is not for the assembly(ies) on application. 2. Evaluation report and installation drawings indicate configurations that are not as applied.	New
13894	Public Comment by Jaime Gascon						Units other than projected are not covered by the evaluation submitted; see additional conditions shown in drawings. Is the approval for a projected window or a structural component - 'aluminum receptor system'?	
13894	Response by Hermes Norero						Mr. Berman, We discussed changes	

							with your office and the customer. We comply with changes and will perform them after the meeting's discussion.		
13894	Recommendation by Administrator				d	d	d	<u>Recommend Deferral with conditions of: Provide test reports for the assemblies on application. Evaluation report shall refer only to the assemblies on application.</u>	
8637-R2	StormWatch	Shutters	Products Introduced as a Result of New Technology					1. Product does not comply with HVHZ deflection requirement in Sect. 1613.1.9 of L/30. Indicate "no" for use within HVHZ.	Revision
8637-R2	Public Comment by Jaime Gascon							Since there is no evidence of compliance with FBC 2612 for mesh panel, or polyester rod, or nylon connectors, the device "shall" be removed when there is no threat of a hurricane event. (Ref. note 3 for HVHZ in drawing	

							<p>sheet 4 of 8). Alternative components or materials not detailed in the evaluation are not to be substituted when using this product in the HVHZ. (Ref. installation section on sheet 3 of 4 of evaluation report.) The current product approval norm for fabric protection systems stipulates that the shear and tension loads required of the support structure are to be listed on the approval. (Ref. general note 4 on drawings, which could be expanded to contain these values.)</p>	
8637-R2	Response by Michael Murray						<p>The language of Note 3 page 4 will be changed to reflect the language from Public Comments. The language of the Product Evaluation Report will be changed to adds restrictions on</p>	

							alternate components in the HVHZ per Public Comments. General Note #4, page 1 will be expanded to more clearly direct users to the tension and shear values listed in the HVHZ Schedules on page 4.		
8637-R2	Recommendation by Administrator.					c	c	c	<u>Recommend Conditional Approval with conditions of:</u> 1. <u>The language of Note 3 page 4 will be changed to reflect the language from Public Comments.</u> 2. <u>The language of the Product Evaluation Report will be changed to adds restrictions on alternate components in the HVHZ per Public Comments.</u> 3. <u>General Note #4, page 1 will be expanded to more clearly direct users to the tension and shear values listed in the HVHZ</u>

							<u>Schedules on page 4.</u> <u>5. Indicate "No" for use within HVHZ.</u>	
10882-R1	ROLLINGSHIELD INC	Shutters	Roll-up				1. Product does not comply with HVHZ deflection requirement in Sect. 1613.1.9 of L/30. Indicate "no" for use within HVHZ. 2. There is no indications on the evaluation report that mullions have been tested for impact.	Revision
10882-R1	Public Comment by Jaime Gascon						Evaluation fails to indicate that all products have been tested to the required TAS201, TAS202 and TAS203 protocols. Therefore, indicate not for use in the HVHZ.	
10882-R1	Response by Morgan Villanueva						In the sheet 1 of 8, general note 1, I indicate that the test performed for this product is for NON HIGH VELOCDITY HURRICANE ZONE.	

							Also in the border of all sheet at bottom is indicate.....F.B.C. (Non High Velocity Hurricane Zone) This product can not be use in any High Velocity Hurricane Zones.	
10882-R1	Recommendation by Administrator.			c	c	c	<u>Recommend Conditional Approval with conditions of: 1. Indicate "No" for use within HVHZ. 2. Provide proof of mullions being impacted or indicate on limits of use: "Not to be used within Wind Zone 4 (140 mph or higher).</u>	
13911	Ultratek Worldwide	Shutters	Fabric Storm Panel	c	c	c	<u>Recommend Conditional Approval with condition of: Indicate "No" for use within HVHZ.</u>	New
13615	Bee Safe Hurricane, LLC	Structural Components	Anchors	w			<u>Withdrawn</u>	New
13872	Simpson Strong-Tie Co.	Structural Components	Wood Connectors	a	a	a	<u>Recommend Approval</u>	New

13872	Response by Randy Shackelford						I do not believe it is the responsibility of the State of Florida to enforce ICC's guidance. There is nothing in Rule 9B-72 regarding this. The report clearly states that the testing and calculations indicate that the products meet the Florida Building Code. I believe it meets all the requirements in Rule 9B-72 and should be approved as is.	
Public Comments								
Certification Method								
5573-R2	PGI Fabrene Inc	Roofing	Underlayments	‡			Recommend Approval	Revision
5573-R2	Public Comment by Jaime Gascon						Application does not contain the required limitations of TAS110 sections 9, 10 and 11 as called out in the footnote to the tables in these sections. These are needed since there is no evidence of weathering test data	

							that would allow exposure beyond the referenced limitation. A conditional approval to include this limitation should be considered.	
5573-R2	Commentary and Recommendation by Administrator.			c	c	c	The certificate of this application (NOA) is deficient by not stating a limit of time for exposure of the product. It is apparent that the product was not tested for the required accelerated weathering in order to be exposed in excess of 30 days. <u>Recommend Conditional Approval with condition of: On limits of use other indicate: "Product shall not have an exposure in excess of 30 days."</u>	
10947-R2	JELD-WEN	Windows	Horizontal Slider	a			<u>Recommend Approval</u>	Revision
10947-R2	Public Comment by Jason Kantola						After further review of our aluminum products up for approval, I would	

							like to request that the same correction be made to FL10947 with HVHZ application.	
10947-R2	Commentary and Recommendation by Administrator.				c	c	c	The slip on fin does not have the required full description. <u>Recommend Conditional Approval with condition of: Describe the slip on fin as tested or evaluated indicating material and grade, thickness, width, length and description of attachment to window.</u>
10970-R1	JELD-WEN	Windows	Single Hung		a			<u>Recommend Approval</u> Revision
10970-R1	Public Comment by Jaime Gascon							Installation instructions lack full description of clips per Rule 9B-72.070(5)(e)2. - Type, physical dimensions, material and grade of any accessory item or strap, if applicable.
10970-R1	Response by Jason Kantola							We propose adding the following

							description to installation drawings showing a slip on nail fin: “Window includes a slip on aluminum 6063-T5 nail fin (typical wall thickness .050”). Nail Fin extends approximately 1.258” away from frame.”		
10970-R1	Commentary and Recommendation by Administrator.				c	c	c	The slip on fin does not have the required full description. <u>Recommend Conditional Approval with condition of: Describe the slip on fin as tested or evaluated indicating material and grade, thickness, width, length and description of attachment to window.</u>	
10971-R1	JELD-WEN	Windows	Fixed		a			<u>Recommend Approval</u>	Revision
10971-R1	Public Comment by Jaime Gascon							Installation instructions lack full description of clips per Rule 9B-	

							72.070(5)(e)2. - Type, physical dimensions, material and grade of any accessory item or strap, if applicable.	
10971-R1	Commentary and Recommendation by Administrator.			c	c	c	The slip on fin does not have the required full description. <u>Recommend Conditional Approval with condition of:</u> <u>Describe the slip on fin as tested or evaluated indicating material and grade, thickness, width, length and description of attachment to window.</u>	
13423	Polarhyde Distribution DBA/ Final Flat Roof	Roofing	Cements-Adhesives-Coatings	a			Recommend Approval	New
13423	Public Comment by Jaime Gascon						Requires testing to TAS110 (physical properties and adhesion) for use in the HVHZ.	
13423	Commentary and Recommendation by Administrator.			d	d	d	The testing standard certified is used to asses fire resistant properties. The installation	

							instructions refer to assemblies and testing that have not been certified. <u>Recommend Deferral with conditions of:</u> 1. <u>Provide Testing/Certification of testing standards that will indicate product physical properties and adhesion.</u> 2. <u>Remove from installation instructions use with assemblies not tested and remove testing standards that are not certified.</u>	
Evaluation by Engineer/Architect								
12480-R1	Sun Metals Systems, Inc.	Panel Walls	Curtain Walls	a			Recommend Approval	
12480-R1	Public Comment by Jaime Gascon						For products .2 and .3 limit for use to 30' max elevation per FBC 2411.3.3.7. Also, there is no indication of the metal panel being tested as detailed on drawing sheet 2 of 8	

							and 2 of 7, respectively. Additionally, for product .2, confirm the test mockup was configured as required in FBC 2411.3.2.1.1 where it is to consist of 3 bays minimum; see drawing elevation depicting 2 bays. Else, remove general note 6 on drawing and evaluation.	
12480-R1	Response by Rick Wright						<p>1. FL12480.2 and FL12480.3 are NON-HVHZ and therefore do not fall under Section 2411. However, we will assume Jaime was referencing FL12480.4 and FL12480.5.</p> <p>2. Products FL12480.4 (see sheet 8 of 8) and FL12480.5 (see sheet 7 of 7) do limit the use to 30 ft. max. height. However, we will agree to a conditional approval in order to clarify this limitation in the General Notes on</p>	

							<p>each drawing.</p> <p>3. The aluminum panel was included in each test.</p> <p>4. The tests for the Series 825-PW (FL12480.2 and FL12480.4) and the Series 1050-PW (FL12480.3 and FL12480.5) were conducted according to AAMA 501.2-05 (Section 3.4, Figure 1, Note 1: "For stick system curtain walls, most conditions can be included in mock-ups that are two stories high and three mullions wide").</p>		
12480-R1	Commentary and Recommendation by Administrator.					c	c	c	<p>It is likely that public comments refer to products .4 and 5. instead of products .2 and .3 cited on comments. Both products comply with Sect. 2411.3.3.7 by noting the limitation of 30' max. elevation and placing the note next to the glazing configuration. This is a proper location</p>

							for a note that relates to glazing limitations. Products.1, .2 and .4 were tested in accordance with requirements within AAMA 501. For Products .3 and .5, drawings indicate two modules, but the applicants referred Note 1 requires "for unipanel systems a minimum of three modules are required". <u>Recommend Conditional Approval with condition of: Provide test report for Products .3 and .5 indicating three modules tested or remove products from application."</u>	
13204	Winco Window Company	Windows	Casement	a			<u>Recommend Approval</u>	New
13204	Public Comment by Jaime Gascon						The calculations section of the evaluation on sheet 44 reference an expired ELCO Textron NOA	

							(portion of a sheet only) for anchor values. Use current reference or manufacturer's published literature for the needed values.	
13204	Commentary and Recommendation by Administrator.			c	c	c	Evaluator used anchor values from an expired NOA. <u>Recommend Conditional Approval with condition of: Revise evaluation report using current approved anchor values or manufacturer's published literature.</u>	
13208	Winco Window Company	Windows	Fixed	a			<u>Recommend Approval</u>	New
13208	Public Comment by Jaime Gascon						Evaluation sheet 31 of 32 reference an expired ELCO Textron NOA (portion of a sheet only) for anchor values. Use current reference or manufacturer's published literature for the needed values.	
13208	Commentary and			c	c	c	Evaluator used	

	Recommendation by Administrator.						anchor values from an expired NOA. <u>Recommend Conditional Approval with condition of: Revise evaluation report using current approved anchor values or manufacturer's published literature.</u>	
13663	USA Shutter Company LLC	Shutters	Fabric Storm Panel	a			<u>Recommend Approval</u>	
13663	Public Comment by Jaime Gascon						There is no evidence of impact and cycling (TAS201 and TAS203) of the shutter at loads higher than 62 psf for HVHZ. Therefore, limit use in HVHZ accordingly.	
13663	Response by Roberto Lomas						I have reviewed this application and would like to request a conditional approval for this application in order to add a chart with the proper limitations for HVHZ.	
13663	Commentary and Recommendation by			c	c	c	The product is manufactured using	

	Administrator.						a mesh material. Apparently, evaluator used a multiplier of opening/closed ratio of mesh to increase allowable pressure. In reponse to public comment, evaluator indicates that the tested values will be used. <u>Recommend Conditional Approval with condition of: Use tested values for design pressures.</u>	
13856	Windoer Incorporated	Windows	Dual Action	a			<u>Recommend Approval</u>	
13856	Public Comment by Jaime Gascon						Hardware details on products .1, .2, .3 & .4 are not shown to match the tested conditions; use of hinges, snubbers, locks, etc.	
13856	Response by Doug McDougall						We have reviewed the documentation and would like to request a conditional approval for this application. We will be adding another page to the installation instructions in order	

							to add the missing hardware.	
13856	Recommendation by Administrator.			c	c	c	<u>Recommend Conditional Approval with condition of provide hardware details as tested.</u>	
13868	All Metal Roofing and Siding, Inc.	Roofing	Metal Roofing	a	a	a	<u>Recommend Approval</u>	
13868	Public Comment by Jaime Gascon						Remove the Miami-Dade Seal of Approval on page 3 of the evaluation as this is Miami-Dade's proprietary mark of conformity and remove reference to Miami-Dade County.	
13868	Commentary by Administrator.						We have reviewed the applications and there are no Miami-Dade marks or referenes to Miami-Dade County on the application.	
13869	Berridge Manufacturing Co.	Roofing	Metal Roofing	a	-	-	<u>Recommend Approval</u>	New
13869	Public Comment by Jaime Gascon						Remove the Miami-Dade Seal of Approval on page 3 of the evaluation as this is Miami-Dade's	

							proprietary mark of conformity and remove reference to Miami-Dade County.	
13869	Recommendation by Administrator.			c	c	c	<u>Recommend Conditional Approval with Condition of: Remove the Miami-Dade Seal of Approval on page 3 of the evaluation and remove reference to Miami-Dade County.</u>	
Evaluation by Test Report								
13883	Ingersoll-Rand	Exterior Doors	Exterior Door Components	⌘			<u>Recommend Approval</u>	New
13883	Public Comment by Jaime Gascon						For product .1, since both in swing and outswing conditions were only cycled to +70 and -70 psf, limit in swing to +60 -70 psf and outswing to +70 -60 psf. For product .2, since both in swing and outswing conditions were only cycled to +70 and -70 psf, limit in swing to +70 -70 psf and outswing to +70 -70 psf. For	

							product .3, since both in swing and outswing conditions were only cycled to +70 and -70 psf, limit in swing to +60 -70 psf and outswing to +70 and -60 psf. Note that for use in HVHZ the lower of TAS202 or TAS203 controls.	
13883	Response by Roger Witt						We agree there is a discrepancy and changed our Product Installation documentation accordingly, as required in the Public Comment, to specify the correct Design Load ratings. Based on these changes we request a Conditional Approval from the Commission.	
13883	Commentary and Recommendation by Administrator.				c	c	The public comments are correct. <u>Recommend Conditional Approval with condition of: Revise Design Pressures to the lowest of TAS202 or TAS 203</u>	

							<u>testing.</u>	
13909	Wasco Products, Inc.	Sky Lights	Skylight	a			Recommend Approval	New
13909	Public Comment by Jaime Gascon						Product .5 and .8 requires proof of compliance with FBC 2612 for use in the HVHZ. Product .13, the three uploaded test reports are not signed and sealed by the witnessing P.E. as required by TAS301 for compliance with the HVHZ. Requires posting a compliant test report as this application is filed under the test report method.	
13909	Response by Roberto Lomas						we have reviewed this application and found that items .5 and .8 comply with section 2612 of the code as listed in NOA 05-0819.01. However, we would like to request a conditional approval in order to submit the above mentioned NOA for items .5 and .8 and upload signed and sealed	

							test report for item .13	
13909	Recommendation by Administrator.				c	c	<u>Recommend Conditional Approval with condition of: For Products .5 and .8 indicate that plastic is certified under NOA 05-0819.01. For Product .13 provide signed and sealed test reports by the witnessing PE. Because NOA 05-0819.01 expires on 10/13/2010 change QA contract expiration date to this date.</u>	