

FLORIDA BUILDING COMMISSION



FACILITATOR'S SUMMARY REPORT OF THE DECEMBER 9, 2009 COMMISSION PLENARY SESSION ORLANDO, FLORIDA

FACILITATION, MEETING AND PROCESS DESIGN BY



CONSENSUS SOLUTIONS

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FLORIDA BUILDING COMMISSION

SUPPLEMENT TO THE DECEMBER 9, 2009 MINUTES

OVERVIEW OF COMMISSION'S KEY DECISIONS

WEDNESDAY, DECEMBER 9, 2009

Welcome

Chairman Rodriguez welcomed the Commission, staff and the public to Orlando and the December 2009 plenary session. The Chair indicated that the one-day Commission format provides time for workgroup meetings to be held in conjunction with Commission meetings and reduces travel and meeting costs. The Chair noted that the primary focus of December's meeting was to conduct rule development initiatives on Rule 9B-72, Product Approval, and to adopt recommendations to the 2010 Florida Legislature. The Chair indicated that during each Code Update cycle Florida statute requires the Commission to review amendments to subsequent editions of the I-Codes that address Florida-specific amendments and determine whether the Florida specific requirements are still warranted. The Commission's TACs met to review and develop recommendations regarding overlaps of current Florida Specific Code Amendments with International Codes changes from 2006 to 2009 Editions, and the draft will be posted to the website as the Florida Supplement to the 2009 I-Codes and available for public review.

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

Chairman Rodriguez conducted a roll-call and the following members were in attendance:

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

Absent:

Hamid Bahadori, Donald Dawkins, and Tony Grippa.

DCA Staff Present

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

Meeting Facilitation

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



Project Webpage

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

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

Agenda Review and Approval

The Commission voted unanimously, 22 - 0 in favor, to approve the agenda for the December 9, 2009 meeting as amended. Following are the key agenda items approved for consideration:

- To Consider Regular Procedural Issues: Agenda Approval and Approval of the August 11, 2009 Minutes as revised, September 21, 2009 Summary Report, and October 13, 2009 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 Consider/Decide on Accessibility, Code Administration, Electrical, Mechanical, Plumbing, Special Occupancy, and Structural Technical Advisory Committees (TAC's) Report/Recommendations.
- To Consider/Decide on Product Approval/Manufactured Buildings and Education Program Oversight Committee (POC's) Reports/Recommendations.
- To Consider/Decide on Workgroup/Subcommittee Reports/Recommendations: Florida Accessibility Code, Air Conditioning Equipment Workshop, Florida Energy Code, Hurricane Research Advisory Committee, Manufactured Building Workshop, and Swimming Pool Sub-Committee to the Plumbing TAC.
- To Conduct Rule Adoption Hearing on Rule 9B-72.130 Product Approval.
- To Consider Commission Recommendations and Report to the 2010 Florida Legislature.
- To Discuss Commissioner Comments and Issues.
- To Receive Public Comment.
- To Review Committee Assignments and Issues for the Next Meeting—February 1 - 3, 2010 in Tampa.

Amendments to the Agenda:

None.

Review and Approval of the August 11, 2009 Minutes as Revised, September 21, 2009 Teleconference Report, and October 13, 2009 Minutes and Facilitator's Summary Report

Motion—The Commission voted unanimously, 22 - 0 in favor, to approve the August 11, 2009 Minutes as Revised, September 21, 2009 Teleconference Report, and October 13, 2009 Minutes and Facilitator's Summary Report as presented.

Amendments:

None were provided.

Chair's Discussion Issues and Recommendations

1. Appointments {Commission—TAC/POC(s)—Workgroup(s)}

The Chair made the following appointments, welcoming new appointments and thanking members who rotated-off. The appointments for October are as follows:

Green and Energy Efficient Roofs Subcommittee to Energy Code Workgroup

C.W. Macomber was appointed to the Green and Energy Efficient Roofs Subcommittee to the Energy Code Workgroup.

Marty Wanielista was appointed to the Green and Energy Efficient Roofs Subcommittee to the Energy Code Workgroup.

2. Commission Budget Committee

The Chair explained that the Commission Budget Committee will not be meeting during the December meeting, and is delayed until the February 2010 Commission meeting to provide the DCA time to get fee collection data sufficient to assess trends resulting from recent rule changes. The Chair indicated that the permit surcharge fee rule, Product Approval Rule fees, and Manufactured Building Program fees were all adjusted.

3. Annual Workplan Prioritization Exercise and Effectiveness Assessment Survey

The Chair noted that the Commission will conduct their annual workplan prioritization and effectiveness assessment exercises on-line between December 9 and December 31, 2009 and review the results at the February meeting. Jeff Blair will provide Commissioners with an e-mail with the web-link and the time frame for completing the exercise. The Commission's rankings will be one of the inputs for deciding workplan priorities.

Review and Update of Commission Workplan

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

Commission Actions:

Motion—The Commission voted unanimously, 22 - 0 in favor, to approve the updated Commission Workplan 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.
(Included as Attachment 4—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 results of product and entity applications are included as an attachment to this Report.
(Included as Attachment 6—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, 21 – 0 in favor, to approve advanced course # 390.0.

Motion—The Commission voted unanimously, 21 – 0 in favor, to approve advanced course # 377.0.

Motion—The Commission voted unanimously, 21 – 0 in favor, to approve advanced course # 378.0.

Motion—The Commission voted unanimously, 21 – 0 in favor, to approve advanced course # 394.0.

Motion—The Commission voted unanimously, 21 – 0 in favor, to approve advanced course # 393.0.

Motion—The Commission voted unanimously, 21 – 0 in favor, to approve advanced course # 391.0.

Motion—The Commission voted unanimously, 21 – 0 in favor, to approve advanced course # 376.0.

Motion—The Commission voted unanimously, 21 – 0 in favor, to approve administrative approval courses on a consent agenda as follows: # 337.1, and 336.1.

(See Commission Minutes for Committee Report)

Consideration of Legal Issues

Appeals

None.

Product Approval Revocations

None.

Binding Interpretations

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 19 – 0 in favor, to defer the petition with leave to withdraw.

DCA09-DEC-269 by Thomas Ford, RA of Bhamani, Ford & Associates, Inc

Motion—The Commission voted 19 – 0 in favor, to approve the draft order on the petition.

First Hearings

DCA09-DEC-309 by Alan Plante of Orange County Division of Building Safety

Motion—The Commission voted 21 – 0 in favor, to approve the TAC’s recommendation on the petition.

DCA09-DEC-341 by Stephen Hailine of Life Time Products LLC

Petition was withdrawn by the applicant.

DCA09-DEC-351 by Joseph Belcher, Code Consultant

Motion—The Commission voted 21 – 0 in favor, to defer the petition for discussion by the Commission at the February 2010 meeting.

DCA09-DEC-347 by George Merlin of George Merlin Associates Inc.

Motion—The Commission voted 19 – 0 in favor, to approve the TAC’s recommendation on the petition.
(Included as Attachment 5—Legal Report)

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.

Florida Accessibility Code Workgroup Report and Recommendations

Jeff Blair reported on the Florida Accessibility Code Workgroup’s meeting and answered member’s questions.

Commission Actions:

Motion—The Commission voted unanimously, 21 – 0 in favor to accept the report.

The Report may be viewed at the project webpage:

<http://consensus.fsu.edu/FBC/accessibility-code.html>

Accessibility TAC Report and Recommendations

Commissioner Gross presented the Committee's report and recommendations.

Commission Actions:

Motion—The Commission voted unanimously, 21 - 0 in favor, to accept the report.

Motion—The Commission voted unanimously, 21 - 0 in favor, to request Legislative authority for the Commission to charge a fee for issuing accessibility code waivers and for parties requesting waivers to pay DCA for the service.

(See Commission Minutes for Committee Report)

AC Equipment Workshop Report and Recommendations

Jeff Blair reported on the AC Equipment workshop and answered member's questions.

Commission Actions:

Motion—The Commission voted unanimously, 22 – 0 in favor to accept the report.

Motion—The Commission voted unanimously, 22 – 0 in favor to convey to the 2010 Florida Legislature that the Commission supports the current Florida Building Code provisions (301.12, M1307.2 and .3, 1609.1 and .1.1) regarding wind resistance requirements for air conditioning equipment and appliances exposed to wind, and does not support any exemptions to these provisions.

Motion—The Commission voted unanimously, 22 – 0 in favor to support BOAF's initiative to educate building officials regarding the Code's wind resistance requirements for air conditioning equipment and appliances exposed to wind.

The Report may be viewed at the project webpage:

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

Code Administration TAC

Commissioner Gonzalez presented the Committee's report and recommendations.

Commission Actions:

Motion—The Commission voted unanimously, 22 - 0 in favor, to accept the report.

(See Commission Minutes for Committee Report)

Education POC

Commissioner Browdy presented the Committee's report and recommendations.

Commission Actions:

Motion—The Commission voted unanimously, 22 – 0 in favor, to accept the report.

Commissioner Browdy noted that the POC will consider possible rule language at the February meeting regarding allowing providers to make specific minor technical changes by self affirmation to approved courses without having going through reaccreditation.

(See Commission Minutes for Committee Report)

Electrical TAC

Commissioner Carson presented the Committee's report and recommendations.

Commission Actions:

Motion—The Commission voted unanimously, 22 - 0 in favor, to accept the report.

(See Commission Minutes for Committee Report)

Florida Energy Code Workgroup Report and Recommendations

Jeff Blair reported on the Florida Energy Code Workgroup's meeting and answered member's questions.

Commission Actions:

Motion—The Commission voted unanimously, 22 – 0 in favor to accept the report.

Motion—The Commission voted unanimously, 22 – 0 in favor to adopt a strategic plan (unanimously recommended by the Florida Energy Code Workgroup) for achieving the energy standard revisions pursuant to requirements of Section 553.9061, F.S. requiring the strategic plan to implement scheduled increases in the Code's energy performance standard, to recognize certain energy performance options, and to consider the cost effectiveness of the scheduled increases. The adopted Strategic Plan is as follows:

- The Commission Select The IECC As Foundation Code For Florida Building Code, Energy Pursuant To S.553.73(6)(A), F.S.
- Commission Adopt The Florida Energy Efficiency Code For Building Construction (FEC) Within The Florida Building Code Pursuant To S.553.901, F.S. By --
- Modifying The IECC To Maintain The Efficiencies Of The FEC Adopted And Amended Pursuant To S.553.901, F.S. As Directed By S.553.73(6)(A), F.S.

Modifications To Include:

- Adding A Maximum Glass Percent Criteria To The Prescriptive Compliance Method To Maintain A Consistent Standard Of Energy Efficiency For All Compliance Methods. (Criteria 10, S.553.73(6)(A)), And S.553.901, F.S.).
- Modifying The Prescriptive Compliance Method's Component Efficiency Requirements To Meet The 20% Overall Efficiency Requirement Improvement Pursuant To S.553.9061(1), F.S., As Determined By Simulations Of Annual Energy Use By Energy Gauge USA Fla/Res. (Criteria 10 And S.553.73(6)(A)).
- Modifying The UA Compliance Method's Compliance Criteria To Meet The 20% Overall Efficiency Requirement Improvement Pursuant To S.553.9061(1), F.S., As Determined By Simulations Of Annual Energy Use By Energy Gauge USA Fla/Res. (Criteria 10 And S.553.73(6)(A)).
- Using The Energy Gauge USA Fla/Res Implementation Of The FEC Energy Budget Compliance Method For The Performance Compliance Method And Using 80 Points As The Compliance Criteria (S.553.73(6)(A), F.S., S.553.901, F.S., Criteria 4, 5, 6, 7, 8, 9, 10, 11 and 12).
- Modifying The IECC To Include All Other Energy Efficiency Requirements Adopted Pursuant To S.553.901, F.S. The "Thermal Efficiency Code".

The Report may be viewed at the project webpage:

<http://consensus.fsu.edu/FBC/2010-Florida-Energy-Code.html>

Hurricane Research Advisory Committee Report and Recommendations

Chairman Rodriguez reported on the Hurricane Research advisory Committee's meeting and answered member's questions.

Commission Actions:

Motion—The Commission voted unanimously, 22 – 0 in favor to accept the report.

Motion—The Commission voted unanimously, 22 – 0 in favor to adopt the Committee's unanimously recommended proposal to support DCA continuing research projects that leverage the funding of other agencies for projects that support resolution of Florida hurricane related building failures.

The Report may be viewed at the project webpage:

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

Mechanical TAC

Mo Madani presented the Committee's report and recommendations.

Commission Actions:

Motion—The Commission voted unanimously, 18 - 0 in favor, to accept the report.

(See Commission Minutes for Committee Report)

Plumbing TAC

Commissioner Vann 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 accept the teleconference meeting 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, 22 – 0 in favor to accept the report.

Motion—The Commission voted unanimously, 22 – 0 in favor to convey to the Legislature that the Commission has concerns with proposed legislation in light of pending SB 648 regarding expedited product approval and charged DCA legal staff to negotiate with industry to address concerns including financial/fiscal implications, staffing, ensuring a fair playing field for the various compliance methods, maintaining the efficacy of the current product approval system, and other concerns identified by the Product Approval Program Oversight Committee (POC).

Motion—The Commission voted unanimously, 20 – 0 in favor to support POC's recommendation that aggressive education is needed for the validators and to charge staff to work with the PA administrator to achieve this.

Motion—The Commission voted unanimously, 22 – 0 in favor to approve staff publishing the ITN for an "Invitation to Negotiate for Administrative Services for the State Product Approval Services".

Motion—The Commission voted unanimously, 22 – 0 in favor to archive products 1971, 6219, 2492-R2 & 8092; and, that products 4117-R1, 4607, 5709, 5733, 5233, 5786, 6424-R1, 6800, 7346-R1, 7442-R1, 7530, 7560, 7564, 7584, 7609, 8426, 8672, and 8729 (1712-R2 and 1714-R1) be revoked with the possibility of withdrawal.

(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, 22 - 0 in favor, to accept the report.

(See Commission Minutes for Committee Report)

Structural TAC

Commissioner Schock presented the Committee's report and recommendations.

Commission Actions:

Motion—The Commission voted unanimously, 22 - 0 in favor, to accept the report.

Motion—The Commission voted unanimously, 22 - 0 in favor, to accept the teleconference meeting report.

(See Commission Minutes for Committee Report)

Swimming Pool Subcommittee to the Plumbing TAC Report and Recommendations

Commissioner Gregory presented the Subcommittee's report and recommendations.

Commission Actions:

Motion—The Commission voted unanimously, 22 - 0 in favor, to accept the report.

Rule Adoption Hearing on Rule 9B-72.130 Product Approval, Application Limitations and Amend BCIS Screens

At the August meeting the Commission voted to open Rule 9B-72.130 Product Approval, for the purpose of limiting the number of lines in an application to 150, and to conduct a rule development workshop at the October 2009 meeting. In addition, the BCIS screens will be modified to correlate with the change. The Commission conducted a rule development workshop at the October 2009 meeting and voted to proceed with rule adoption by conducting a hearing at the December meeting. The December Hearing provided an additional opportunity for public comment before the Commission proceeded with rule adoption.

The Rule Adoption Hearing was opened and an opportunity was presented for public comment. Jim Richmond indicated that the Florida Small Business Regulatory Advisory Council expressed concern regarding the Rule's possible impact to small business. Jim reported that he expressed to the Council that industry has been involved in the rule development process from the start and supports the Rule as drafted. Jim noted that the Commission should provide a statement regarding the Rule's impacts to small business. Jim requested a show of hands from Commission members who are small business owners, and 16 of the 22 Commissioners present qualified as a small business. The Commission is a representative stakeholder group and represents all of the stakeholder interests affected by the Rule.

At the conclusion of public comment an opportunity was offered for Commission discussion, and then the Commission took the following action:

Commission Actions:

Motion—The Commission voted unanimously, 22 - 0 in favor, to proceed with rule adoption for Rule 9B-72.130, Product Approval, Application Limitations and Amending BCIS Screens to conform to the rule amendments, finding that the Rule has no adverse impacts to small business, and authorizing the Secretary of DCA to sign-off on any required rule certification(s).

Adoption of Commission Recommendations to 2010 Legislature and Summary of Issues for Inclusion in the Commission's 2010 Report to the Florida Legislature

Chairman Rodriguez noted that the plan as always, with the Commission's support and approval, is for the Chair to review and approve the final draft of the Report to the 2010 Legislature, ensure completeness and accuracy, and approve the Report for submittal to the Legislature.

The package of recommendations to the 2010 Legislature includes:

- 1.) The Commission's recommendations to the 2009 Legislature (they were included in bills that almost passed, and only failed because the Legislature ran out of time for voting);
- 2.) Recommendations from projects addressed by committees this year and already adopted by the Commission; and,
- 3.) Recommendations taken up by the Commission for the first time at the December meeting.

Jeff Blair reviewed the Draft summary of issues and recommendations for inclusion in the Commission's 2010 Report to the Legislature and answered members questions.

Commission Actions:

Motion—The Commission voted unanimously, 22 - 0 in favor, that the Commission supports the current Florida Building Code provisions (301.12, M1307.2 and .3, 1609.1 and .1.1) regarding wind resistance requirements for air conditioning equipment and appliances exposed to wind, and does not support any exemptions to these provisions.

Motion—The Commission voted unanimously, 22 - 0 in favor, that The Commission supports the consensus recommendation for sizing residential septic systems developed by the Septic System Sizing Workgroup (Interagency Workgroup: FBC and DOH), and further requests that the Florida Legislature grant jurisdictional authority to the Florida Building Commission to implement the recommendation by integration into Chapter 26-Section P2602.1 of the most current edition of the Residential Florida Building Code.

Motion—The Commission voted unanimously, 22 - 0 in favor, that to be consistent with actions taken by the DBPR, the Commission supports stakeholder initiatives to repeal the Building Code Administrative Core Curriculum.

Motion—The Commission voted unanimously, 22 - 0 in favor, to seek Statutory authority to make editorial revisions to existing product approvals.

Motion—The Commission voted unanimously, 22 - 0 in favor, to adopt the summary of issues and recommendations for inclusion in the Commission's 2010 Report to the Legislature, including recommendations adopted at the December 2009 meeting, and to charge the Chair with reviewing and approving the final report prior to submittal to the 2010 Legislature. The recommendations adopted by the Commission are as follows:

The Commission's 2008 Recommendations for Submittal to the 2010 Florida Legislature:

1.) *The Commission seeks clarification and has recommendations regarding the Legislature's intent (section 509.211 and section 553.885 F.S.) for Carbon Monoxide (CO) Detector requirements in the Florida Building Code. They are as follows:*

1. *Clarify the responsibilities of the Division of State Fire Marshal (DSFM) and the Department of Business and Professional Regulation (DBPR) under Chapter 509.211 F.S. regarding CO detectors in hotels and motels.*
2. *Clarify the scope of what was intended by the term: "new construction" in section 553.885 F.S.*
3. *Provide legislative authority for the Commission to review and determine the appropriate location(s) for CO detectors.*
4. *Clarify that the requirement applies to all fuel sources that emit carbon monoxide and not only fossil fuels.*

2.) *The Commission recommends and seeks statutory clarification that TAC members may serve on TAC's despite their personal or associates' appearance before the Commission or appendages on matters unrelated to TAC service.*

3.) *The Commission recommends the Legislature expand Glitch Code criteria in Chapter 553.73(7) F.S to include recognizing equivalency of standards in the Florida Building Code (i.e., design standards).*

4.) *The Commission requests Legislative authority for the Commission to charge a fee for issuing non-binding interpretations and for parties requesting interpretations to pay the interpretations contractor directly for the service.*

5.) *The Commission recommends incorporating its 75% voting threshold requirement for all substantive Commission decisions in statute.*

6.) *The Commission supports DCA's initiative seeking legislative authority for the Department to administer the manufactured building program as follows:*

1. *Contract for the Manufactured Building administrative responsibilities;*
2. *Manufacturers to pay the administrator directly for plans review and inspections services via the Building Code Information System (BCIS);*
3. *Department to establish plans review and inspection fees.*

7.) *The Commission recommends and requests specific statutory authority for manufactures/entities to pay the administrator of the Product Approval Program (vendor) directly via the BCIS.*

Commission's Recommendations from 2009 Committee Projects for Submittal to the 2010 Florida Legislature:

8.) *Seek a legislative exception so that local CRS (higher flood resistant standards) would not be subject to the local technical amendment requirements of the Code, subject to a consistency review with updated editions of the code.*

9.) *Seek statutory change to section 553.80 F.S. to clarify that this provision shall not be used to deviate from flood resistant requirements.*

10.) *Recommend to the 2010 Florida Legislature eliminating the statutory requirement for the Commission to wait six months after publication of the latest I-Code Edition before selecting same as the foundation code for the Florida Building Code for future Code Editions (starting with 2013 Code Update process).*

11.) *The Commission requests Legislative authority for the Commission to charge a fee for issuing petitions for declaratory statements and for parties requesting declaratory statements to pay DCA for the service.*

12.) *The Commission requests Legislative authority for the Commission to charge a fee for issuing accessibility code waivers and for parties requesting waivers to pay DCA for the service.*

13.) *The Commission requests Statutory authority to make editorial revisions to existing product approvals.*

14.) *To be consistent with actions taken by the DBPR the Commission supports stakeholder initiatives to repeal the Building Code Administrative Core Curriculum.*

15.) *The Commission supports the consensus recommendation for sizing residential septic systems developed by the Septic System Sizing Workgroup (Interagency Workgroup: FBC and DOH), and further requests that the Florida Legislature grant jurisdictional authority to the Florida Building Commission to implement the recommendation by integration into Chapter 26-Section P2602.1 of the most current edition of the Residential Florida Building Code.*

Commission Recommendation in Response to 2008 Legislative Assignment for Submittal to the 2010 Legislature:

16.) *The Commission recommends amending the list of evaluation entities in law to include adding LAPMO Evaluation Service (ES) in the law as an approved evaluation entity, to update the current list to eliminate entities no longer in existence, and to alphabetize the list of approved evaluation entities. The Commission recommends that the law be revised to eliminate the Commission's adoption of rule criteria.*

Additional Legislative Issues Adopted by the Commission for Inclusion in the Report to the 2010 Legislature:

The Commission supports the current Florida Building Code provisions (301.12, M1307.2 and .3, 1609.1 and .1.1) regarding wind resistance requirements for air conditioning equipment and appliances exposed to wind, and does not support any exemptions to these provisions.

The Commission has concerns with proposed legislation in light of pending SB 648 regarding expedited product approval and charged DCA legal staff to negotiate with industry to address concerns including financial/fiscal implications, staffing, ensuring a fair playing field for the various compliance methods, maintaining the efficacy of the current product approval system, and other concerns identified by the Product Approval Program Oversight Committee (POC).

The Commission was requested to seek authority to allow local variances to flood provisions if adopted in accordance with the provisions of 44 CFR 60, and referred the issue to the Flood Resistant Standards Workgroup to develop recommendations for submittal to the Commission for their consideration at the February 2010 meeting, and for DCA legal staff to convey the Commission's recommendations to the Legislature.

Commission Member Comment and Issues

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

Commission Member Comments:

Stone: invited members to attend ANSI 189.1 standards writing committee meeting.

Carson: wished everyone Happy Holidays!

Gross: asked when the CD version of Code would be available. A: 90 days after publication.

Schulte: reminded participants that the Roofing TAC was meeting at 8:00 AM on December 10, 2009.

General Public Comment

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

Public Comments:

McMahan: ICC is developing a green construction code.

O'Conner: wished Happy Holidays on behalf of BOAF. Requested FBC change date of June 2010 meeting since it conflicts with the BOAF conference.

Adjourn

The Commission voted unanimously, 22 – 0 in favor, to adjourn the meeting at 11:50 AM.

ATTACHMENT 1
MEETING EVALUATION RESULTS

December 9, 2009—Orlando, 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.

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

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

- 9.1 Accessibility Waiver Applications.
- 9.6 Requests for Declaratory Statements.
- 9.6 Approval of Products and Product Approval Entities.
- 9.8 Chairs Issues and Recommendations.
- 9.7 Commission's Workplan and Meeting Schedule Review and Update.
- 9.6 TAC and POC Reports and Recommendations.
- 9.9 Workgroup and Committee Reports and Recommendations.
- 9.7 Workshop Reports and Recommendations.
- 9.7 Rule Adoption Hearing on Rule 9B-72.130 Product Approval (Application Limitations).
- 9.7 Adoption of Commission Recommendations and Report to the 2010 Florida Legislature.

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

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

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

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

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

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

6. What did you like best about the meeting?

- Staff & facilitator did an excellent job of organizing as usual.
- Organization – staff – Bruce’s assistance & Marlita (welcome).
- Jeff Blair – Great job!
- Organizational structure.
- Well organized as usual.
- Great organization.
- Great meeting.
- Stayed on schedule.
- Participation by everyone.

7. How could the meeting have been improved?

- Audio needs a little tweeking in all the meetings I attended.
- Free beer!

8. Do you have any other comments?

- The Chairman has excellent listening skills and handled the meeting well.
- Jeff Blair is outstanding.
- Always a pleasure working with a great group of people like this Commission & staff – Thank you Jeff Blair– Great job!
- Lack of computers in the product approval meeting slowed the progress tremendously!!
- Audio system was a problem throughout all meetings.
- Merry Christmas – Happy New Year.
- We need to be consistent on our access waivers for fire stations.
- My computer showed a screen, “too many people accessing wireless” a lot of times. We should investigate if additional equipment is necessary to prevent this problem.

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 Unanimously December 9, 2009)

MEETING DATES

2008

January 28,29 & 30 Cmsn	World Golf Village, St. Augustine
March 17, 18 & 19 Cmsn	Embassy Suites, Tampa
May 5, 6 & 7 Cmsn	Crowne Plaza, Melbourne
June 23, 24 & 25 Cmsn	Rosen Centre, Orlando
August 18, 19 & 20 Cmsn	Naples Grande, Naples
October 13, 14 & 15 Cmsn	Embassy Suites, Tampa
December 8, 9 & 10 Cmsn	Embassy Suites, Tampa

2009

<u>Meeting Location</u>	<u>Reservation Deadline</u>
February 2, 3 & 4	January 11, 2009
April 6, 7 & 8	March 06, 2009
June 8, 9 & 10	March 08, 2009
August 10, 11 & 12	July 20, 2009
October 12, 13 & 14	September 11, 2009
December 7, 8 & 9	November 06, 2009

2010

<u>Meeting Location</u>	
February 1 & 2	Tampa Embassy Suites
April 5 & 6	Gainesville Hilton
June 7 & 8	Crowne Plaza Melbourne
August 9 & 10	Crowne Plaza Melbourne
October 11 & 12	Gainesville Hilton
December 6 & 7	Crowne Plaza Melbourne

2011

<u>Meeting Location</u>	
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	

FLORIDA BUILDING COMMISSION 2009 WORKPLAN

Note: Red type indicates task originated as requirement of a law.

ANNUAL ADMINISTRATIVE TASKS

1. Report to 2010 Legislature

Schedule:

Commission identifies and receives draft recommendations	12/12/09
Commission report to 2009 Legislature	2/10

Status: Pending

% Complete



100%

Origination: Commission. Annual task authorized by statute

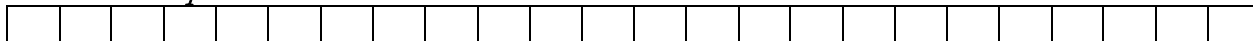
2. Workplan Prioritization

Schedule:

Survey sent to Commissioners	11/09
Review results at meeting	12/09

Status: Pending

% Complete



0%

Origination: Commission. Annual task.

3. 2010 Commission Effectiveness Assessment Survey

Schedule:

Discussion of survey instrument at Commission meeting	2/10
Review results at meeting	4/10

Status: Pending

% Complete



0 %

Origination: Commission. Annual task.

2010 FBC UPDATE DEVELOPMENT TASKS

Code Assembly Process

4. Evaluate and Adopt the Development Process for the 2010 Florida Building Code

Schedule:

Chairman appoints a study committee	1/08
Committee meets to review and develop recommendation on 2010 FBC compilation approach	12/10/08
Committee expanded to consider code development proceedings and schedule and declaratory statements process	4/7/09
Committee meetings	6/8/09
Commission conducts public hearing and adopts plan	10/09

Status: **Completed**

% Complete



100%

Origination: *Chairman and Staff planning for the 2010 FBC development.*

5. 2010 Update to the Florida Building Code

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 <i>(Oct Cmsn meeting)</i>	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. <i>(see subtask below)</i>	12/6-9/09
All existing Florida amendments compiled in 2009 I Codes format posted to website including TAC recommendations for “overlapping” amendments	2/1/10
Note: Proposed amendments to existing “Florida specific” code requirements must be made to the section numbers provided in this document. Staff will not correlate proposals for proponents.	
Local amendments posted to the website	2/1/10

FFPC to FBC correlations/overlaps identified and recommendations developed <i>(see subtask below)</i>	1/20/10
Submittal of new proposed amendments for the 2010 FBC opens	3/1/10
New proposed amendments for the 2010 FBC due and process closes	4/2/10
Proposed amendments reviewed by staff and posted to the Commission website	5/1/10
45 day comment period ends <i>(By law- 45 day min before TAC review)</i>	6/15/10
TACs review proposed Florida amendments and make recommendations at Rule Development Workshop <i>(August 2010 Commission meeting)</i>	8/9-10/10
TAC recommendations posted to the website	9/3/10
45 day comment period ends <i>(By law- 45 day min before Commission review)</i>	10/18/10
TACs review comments on their recommendations and prepare public comment for the Rule Hearing	11/15/10
Commission considers TAC recommendations on proposed amendments at the Rule Adoption Hearing <i>(December 2010 Commission meeting)</i>	12/7-8/10
File the Rule adopting the 2010 FBC and post the Supplement on the website	2/1/11
2010 Florida Building Code Rule is final but with implementation date of 12/31/11 <i>(By law- Code must be available for 6 months before implementation)</i>	3/1/11
Code amended to resolve glitches <i>(see Glitch schedule below)</i>	4/11-6/11
Code printed with integrated Florida modifications and glitch fixes	10/1/11
Code implemented	12/31/11
<i>Note: By law this is the latest date the Florida Fire Code can be implemented. The goal is to implement the FFPC and FBC concurrently.</i>	

Subtasks:

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

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

Joint Fire TAC/Fire Code Advisory Council review of I Codes/NFPA 1/NFPA 101 1/10

changes for overlaps/conflicts

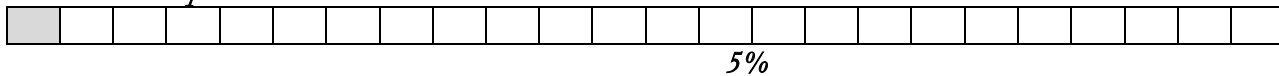
Contractor reviews Building and Fire codes and reports	1/10
Joint Fire TAC/FCAC meeting to develop recommended fixes	1/20/10
Recommended correlation fixes posted to the web	2/1/10
Fire TAC reviews proposed building code amendments for fixes	8/9-10/10

(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.)

Status: Pending

% Complete



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

6. Glitch Amendments to the 2010 Florida Building Code

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	9/1/11
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:

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

Joint Fire TAC/Fire Code Advisory Council review of I Codes/NFPA 1/NFPA 101 2/11

Status: Pending

% Complete



0%

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

ENERGY CODE TASKS

The 2008 Legislature established several directions for development of the Florida Energy Code provisions of the 2010 Florida Building Code. The broadest direction is the requirement for 20% increase in efficiency and the other tasks fall under it. Three additional not legislated energy code related tasks are on the work plan also. All tasks must be coordinated for determination of the requirements for the 2010 Code. Consequently, they are organized under the broad task.

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



75%

7c. Develop Strategic Plan for Energy Standards Revision Pursuant to s.553.9061, F.S.

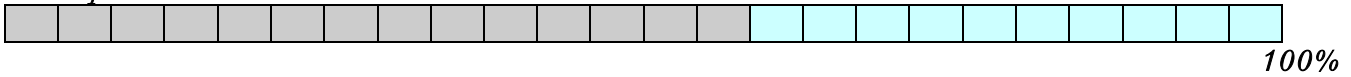
Subtask 46

Schedule:

Workgroup appointed	12/9/08
Workgroup meetings	4/30/09
	5/28/09
	8/11/09
	9/3/09
Recommendation Adopted	10/14/10
	11/12/09
Recommendation to Commission	12/09

Status: In Progress

% Complete



Origination: The 2008 Legislature directed the Commission to enact specific increases in building energy efficiency requirements in HB 697 (Building Code) and HB 7135 (Energy). This sub- task initiates the study and development of a schedule.

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

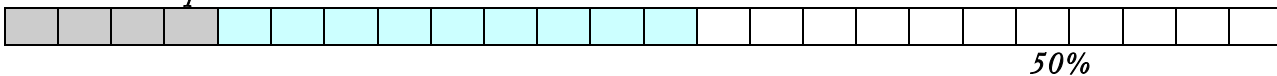
This task integrates the outputs of Task 35 and the Sub-tasks to develop a draft of Energy Code chapters for the 2010 FBC.

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 -12/09	Proposals for 2010 FBC submitted for adoption
		3/09

Status: Pending

% Complete



Origination: In addition to the directives indicated in Task 35 and sub-tasks, the 2008 Legislature amended the building code law to require the IECC be adopted as a foundation code to be amended not less stringent than the Florida Energy Efficiency Code for Building Construction. The building code law requires updating the Code every three years with the 2010 FBC the next edition.

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

Schedule:

To be conducted as part of 2010 FEC recommendations development Task 47

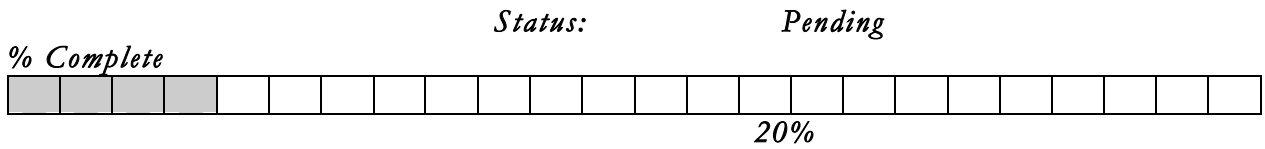
Origination: Energy act of 2008 (HB 7135) directs the Commission to include, as a minimum, certain technologies for achieving enhanced building efficiency targets established by the Act in the Florida Energy Code. The Building Code act of 2008 (HB 697) directs the Commission to facilitate and promote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

7f. Investigate Humidity Control Problems for Hot and Humid Climates

Schedule: In Progress

To be conducted throughout the project

Origination: The original workgroup recommended not pursuing special ratings for AC equipment used in hot and humid climates and recommended addressing the concerns with matching equipment moisture removal capabilities to building latent and sensible heat loads through the Florida Energy Code. Potential moisture control problems will be a part of the consideration for how to achieve improved building energy efficiencies directed by law.



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
	2/3/10
Proposals for 2010 FBC submitted for adoption (See 2010 FBC development schedule)	3/10

Status: Pending

% Complete



50%

Origination: Energy act of 2008 (HB 7135) directs adoption of pool pump efficiencies in the 2010 FBC. During discussions with the Florida Spa and Pool Association regarding energy efficiency requirements for pool pumps members suggested improved efficiency could be achieved through criteria for pool hydronic system design.

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



10%

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. Energy efficient roofs are one category. The Building Code act of 2008 (HB 697) directs the Commission to facilitate and promote the use of certain renewable energy technologies. The Roofing TAC requested a special committee to address green roofs at the December 2008 Commission meeting.

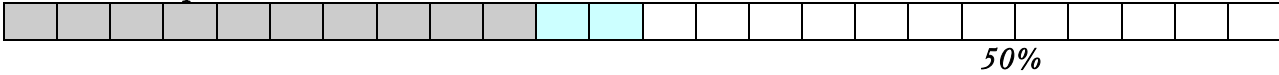
ACCESSIBILITY CODE UPDATE

8. Develop Integration of Florida Accessibility Law into the 20?? Standards for Accessible Design Being Adopted by the US Department of Justice

Schedule:

Appoint work group		12/12/08
Staff Developed Starting Draft Meetings	1/09	2/2/09
		4/6/09
		6/9/09
		8/10/09
		10/12/09
		12/7/09
Recommendation to Commission		2010
Public Hearings		2010
Commission adopts recommendation to Governor and Legislature		2010
Report to Legislature		2011

Status: Pending
% Complete



Origination: Recommended by Access TAC and approved by Commission at October 2008 meeting.

GENERAL TASKS

9. Investigate a Consistent Definition of “Bedroom” for Department of Health On-site Septic System Sizing Regulations

Schedule:

Appoint a Commission Ad Hoc committee		3/19/08
DOH appoint members to work with Commission Ad Hoc committee		3/08-4/08
Task group meetings		5/7/08
		10/15/08
		4/7/09
DOH TRAP meets		Summer 09
Report to Commission and DOH		10/09
Commission considers report and recommendation to Legislature		12/9/09
Additional consideration by TRAP		1/10

Status: In Progress

% Complete



Origination: The initiative to develop consistency between building department and health department judgments of the number of bedrooms in a home as it applies to onsite sewage treatment system sizing was suggested by Commissioner Browdy for two legislative sessions and the joint project with Department of Health was established by mutual agreement during the 2007 Legislative Session.

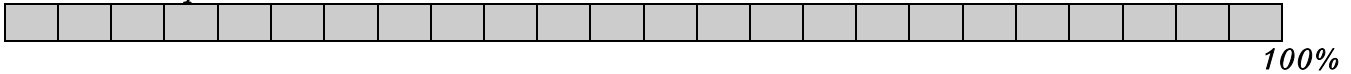
10. Develop Criteria for Evaluation Entity Approval and Adopt by Rule or Develop Recommendation for 2009 Legislature for Entities to be Recognized in Law

Schedule:

Product Approval POC considers at meetings	8/08-12/08
Recommendation to Commission for vote	12/10/08
Option 1: Selected	
Recommend adding entities to list in law	
Commission includes in report to Legislature (See Task 36)	2/09

Status: Completed – Commission recommendation was in bill that died

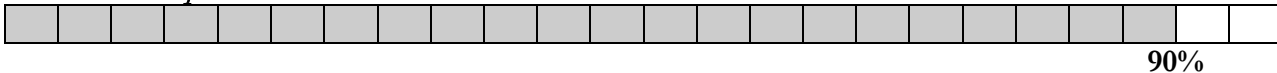
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Commission decides to implement option 2	6/9/09
Option 2: Recognize IAPMO by Rule	
Rule Development Workshop by conference call	7/20/09
Rule Adoption Hearing by conference call	9/09
Rule effective	10/09
Commission considers recommendation to 2010 Legislature	12/9/09

Status: Working second option provided by law

% Complete



Origination: The 2008 Legislature directed the Commission to review the list of Product Evaluation Entities currently identified in law and either recommend modifications to the list or establish criteria for approval of additional entities by rule and report on those criteria to the 2009 Legislature.

11. Evaluate Swimming Pool Entrapment Standards Application to Existing Pools

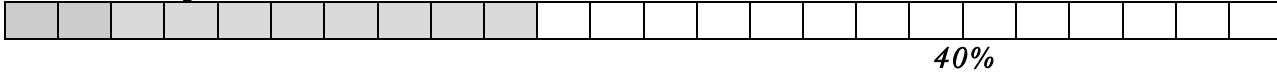
Schedule:

Appoint Subcommittee to the Plumbing TAC	4/8/09
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Workgroup meetings	6/8/09
Declaratory Statement request to clarify current code	8/12/09
Commission considers any legislative recommendation	12/09
	12/09

Status: Pending

% Complete



Origination: Plumbing TAC recommendation approved by Commission June 2008. Proposed by Spa and Pool association.

12. Coordination with Florida Department of Health on Accessible Restroom Requirements in Public Pool Licensing Regulations

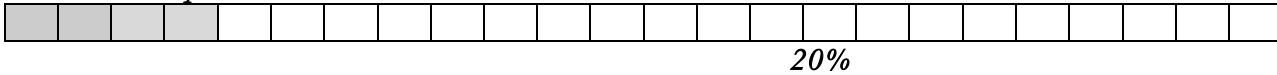
Project Deferred to 2010 FBC Development Process

Schedule:

Staff Meetings	2/10
DOH submits proposed rule changes	4/10
2010 FBC development proceeding (see schedule)	12/09-12/10

Status: Pending

% Complete



Origination: Commissioner Norkunas' recommendation to the Commission approved at the June 2008 meeting.

13. Evaluation of Standards to Address Corrosive Gypsum Board Outgassing

Schedule:

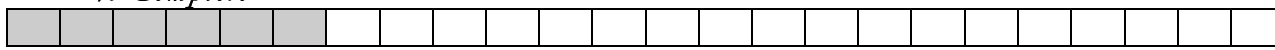
DOH led Committee appointed 2/09
 Meetings 4/09-9/09

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.)**

Status: Pending

% Complete



30%

Origination: State Incident Action Plan assignment resulting from the state emergency management mobilization to address "Chinese Drywall".

HURRICANE RESPONSE RELATED TASKS

14. Load Side - Wind Pressure Research

Schedule:

Commission approved redirection of WBD project Phase II 3/07
 Amend contract with UF/ARA 4/07
 Contract for Phase III 9/07
 Progress reporting 9/30/07
 12/10/07
 1/30/08
 Report on Phase III (Note: August 2008 mtng canceled due to TS Fay) 10/08 & 12/08
 Continued support of hurricane wind testing indefinite

Status: Substantially Complete

% Complete



95%

Origination: Hurricane Research Advisory Committee identified design pressure requirement errors while conducting wind tunnel testing for the Panhandle wind-borne debris projected directed by the Legislature. Subsequent research was conducted to provide the base of improved roof edge design pressure requirements.

15. Resistance Side – Component and Cladding & MWFRS Research

Schedule:

Legislature appropriates funding	5/07
Contract with UF to conduct research (Includes post hurricane building damage assessment survey contingency)	9/07
HRAC develops research priority list	1/08
Report on Phase III	10/08 & 12/08
Contract extension for additional testing	1/09
Reporting	4/09
Reporting at HRAC	10/09
HRAC recommendation for continuation of projects	12/09
Continued support of window/wall, soffit and other building component testing	indefinite

Status: In Progress

% Complete



Origination: Hurricane Research Advisory Committee identified building failures in 2004 and 2005 hurricanes, recommended quick-fixes for some and identified areas needing further research before standards are established. The Commission sought funding and research work was initiated in 2007.

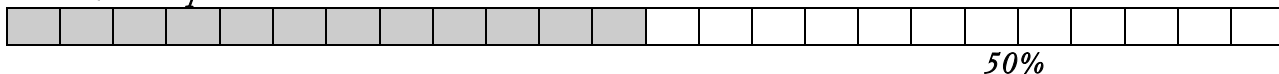
16. Evaluate Hurricane Wind Pressure and Wind Driven Rain Criteria for Soffit Systems and Establish Labeling Requirements

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
Additional requirements pursued through 2010 FBC development proceeding	

Status: Pending

% Complete



Origination: Soffit manufacturers requested formation of a work group to develop label requirements similar to the Commission's action for windows, shutters and garage doors then expanded the request to include developing installation requirements. Investigation of performance

and development of the basis for installation requirements is one of the elements of the components and cladding research being conducted under Task 15.

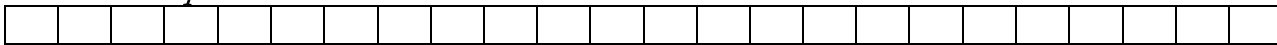
17. Develop Criteria for Use of Gravel Roof Systems

Schedule: **RECOMMEND DELAY DUE TO BUDGET CONSTRAINTS**

Appoint Workgroup	2/09
Workgroup meetings	4/09
	6/09
	8/09
Recommendations for 2010 FBC for Commission review	10/09
Proposals for 2010 FBC submitted	12/09

Status: Pending

% Complete



0%

Origination: During the evaluation of whether gravel roof systems should be prohibited by the 2007 FBC, Task 19, the Florida Roofing and Sheet Metal Association and Commission agreed to retain gravel roof systems and apply the HVHZ criteria throughout the state initially then develop improvements to the systems.

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

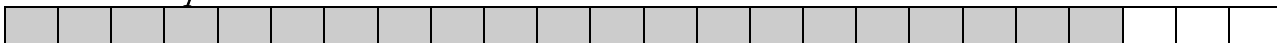
Schedule:

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
Proposals for 2010 FBC submitted for adoption (See 2010 FBC development schedule)	3/10

Status: Pending

% Complete



88%

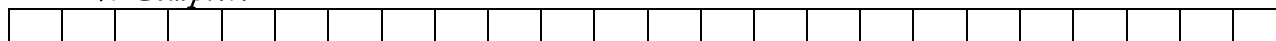
Origination: The Florida Division of Emergency Management and FEMA requested the policy established in 2000 regarding flood requirements adoption outside the building code be reviewed. DEM will provide a grant to fund the project.

19. Evaluate Resolution of CCCL and V Zone Requirement Inconsistencies

Schedule: Future project. Funds are limited in FY 2009-2010.

Status: Pending Approval of Flood Standards Workgroup Recommendation

% Complete



Origination: The Flood Standards Workgroup's report recommended this issue be addressed by a separate workgroup for resolution.

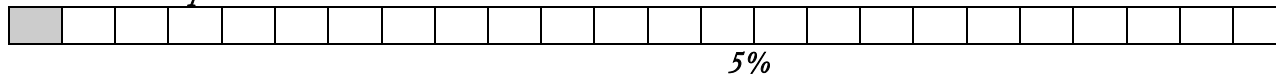
20. Evaluate Storefront and Curtain Wall Glazing Labeling for the 2010 Florida Building Code

Schedule:

Workgroup appointed	2/09
Assessment survey of building departments	12/09-1/10
Workgroup meetings	2/20
Proposals for 2010 FBC submitted for adoption (See 2010 FBC development schedule)	3/10

Status: Pending

% Complete



5%

Origination: Industry request at the December 2008 Commission meeting.

OTHER ENERGY AND GREEN TECHNOLOGY TASKS

Green Technologies

Water Conservation Initiatives

21. Evaluate Rainwater Collection and Reuse for Process Water and Other “Green” Technologies in Coordination with DOH, Health Officials, DEP and Other Water Management Agencies

Origination: Plumbing TAC recommendation approved by Commission June 2008. Also, of special note is the 2008 Energy Act (HB 7153) establishes water conservation policies that parallel energy conservation policies, some of which were assigned to the Commission. The building code law directs the Commission to address new technologies in the codes and the field of “green technologies” is advancing rapidly. Standards essential to the development and recognition of safe products and systems are a responsibility of the Commission.

*Schedule: **RECOMMEND DELAY DUE TO BUDGET CONSTRAINTS***

22. Evaluate in-home waste water recycling in coordination with Department of Health and Department of Environmental Protection (Previous Task 14)

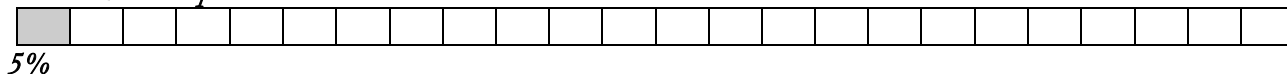
Origination: This task was originated based on overtures by the Florida Department of Health and Florida Department of Environmental Protection. It was first addressed for the 2007 FBC and resulted in the inclusion of the Florida Department of Health requirements for within home grey water capture and reuse for irrigation outside homes. Reuse inside homes was not completely addressed.

*Schedule: **RECOMMEND DELAY DUE TO BUDGET CONSTRAINTS***

Appoint Workgroup	2/09
Workgroup meetings	4/09
	6/09
	8/09
Recommendations for 2010 FBC for Commission review	10/09
Proposals for 2010 FBC submitted	12/09

Status: Pending

% Complete



ATTACHMENT 4

ACCESSIBILITY WAIVER SUMMARY

Waivers from Accessibility Code Requirements—December 9, 2009

1. Miami Management, Inc.

The applicant requested a waiver from providing vertical accessibility to an office building undergoing a \$60,000 alteration. An estimate of \$21,250 to install a lift was submitted. According to the applicant, the same services are provided on the accessible first floor as are on the second; however, no notation was provided indicating the function of each area. Note: The toilet rooms on the second floor are not accessible.

Commission Action: The waiver was approved, based on disproportionate cost.

2. Southern Manatee Fire Station.

The applicant requested a waiver from providing accessible toilets in the portion of a new fire station that is occupied exclusively by firefighters. The project is a one story 7,601 square foot building that costs \$1,600,000 and will replace an existing facility that is no longer usable for this purpose. According to the applicant, all firefighter personnel must be physically able in accordance with Sections 633-30-633.35, F. S. and NFPA Standard 1582. Areas open to the public are fully accessible, including toilet rooms. It would cost an additional \$5,635 for alteration work to make the toilet rooms accessible.

Commission Action: The waiver was denied as no hardship was demonstrated.

3. East Manatee Fire Station.

The applicant requested a waiver from providing accessible toilets in the portion of a new fire station that is occupied exclusively by firefighters. The project is a one story 14,316 square foot building that costs \$2,100,000. According to the applicant, all firefighter personnel must be physically able in accordance with Sections 633-30-633.35, F. S. and NFPA Standard 1582. Areas open to the public are fully accessible, including toilet rooms. Department of Justice regulations permit state and local governments to use either ADAAG or UFAS; in this instance, the building was designed using UFAS. Section 4.1.4(5) of UFAS states that the application of the code should apply to all areas for which the intended use will require public access or which may result in the employment of physically handicapped persons. It would cost an additional \$6,680 for alteration work to make the toilet rooms accessible.

Commission Action: The waiver was denied as no hardship was demonstrated.

4. Hialeah Race Park.

The applicant requested a waiver from providing vertical accessibility to all rows of seats in the grandstand at a historic racetrack. The grandstand is constructed in three large sections, each of which contains wheelchair accessible seating. The areas are open, which allows companion seats to be positioned as needed. The Council expressed concern that in the seating areas closest to the track, it would be possible for standing customers to block the sight lines of wheelchair users. No cost estimates were provided, nor was the total cost of construction submitted.

Action: The waiver was granted, provided a barrier is installed along the edge of wheelchair accessible seating to prevent other patrons from standing in front of seated individuals.

5. Dr. P. Phillips Orlando Performing Arts Center.

The applicant requested a waiver from providing vertical accessibility to all rows of seats in three new auditoriums in a \$240,000,000 performing arts facility. Accessible seating has been located at the top, center and middle sections of the theaters; however, in some cases, companion seats are not provided and the accessible seating is on the ends of the rows. The auditoriums have been designed in such a way that they can be reconfigured depending on the performance in each venue, particularly in the Multiform Theater, which has a movable floor. In the theater without companion seating, there are no fixed seats, so companion seats can be located wherever necessary.

Commission Action: The waiver was granted based on technical infeasibility.

6. The Pink House.

The applicant requested a waiver from providing vertical accessibility to guest rooms on the second floor of a historic bed and breakfast. No construction work is being done, the applicant was referred to the Commission prior to receiving a new occupational license. The door widths do not comply and according to the local building official, they cannot be changed without major structural modifications. No plans were submitted, nor was documentation of the historic nature of the building provided at the time of submission; however, the applicant supplied evidence of its historic designation. The Council recommended dismissing the application for lack of jurisdiction.

Commission Action: The Commission concluded there is jurisdiction based on Section 11-4.1.6(i) and referred the application back to the Council for further review.

7. Adventist Health Systems Headquarters.

The application was incomplete and did not specify what was being requested.

Commission Action: The application was dismissed without prejudice.

8. Staples Fulfillment Center.

The applicant requested a waiver from providing vertical accessibility to all floors in an existing warehouse undergoing a \$980,500 alteration. There is an existing 537,000 square foot first floor, containing 18,600 square feet of offices and the remainder warehouse area and a 79,000 square foot mezzanine. Mezzanines 2, 3 and 4 each contain 26,000 square feet. The project involves adding the new, fourth mezzanine which is not accessible. The first three mezzanines are accessible by means of a LULA. According to the applicant, there is nothing on the fourth mezzanine that is not replicated on an accessible level.

Commission Action. The waiver was granted based on it being unnecessary to access the fourth level.

9. Pestana Hotel and Resorts.

The applicant requested a waiver from providing vertical accessibility to all levels in three separate buildings being renovated to result in a single hotel project. According to the applicant, it is not only structurally impracticable to make each floor accessible, but it would also negatively impact the historic significance of the structures. In the South Building, the request is for a waiver from access to the elevated first floor rooms and to permit the existing elevator to remain without increasing the cab size. The middle building's request is for a waiver from vertical accessibility to the second floor. In the north building, the request is for a waiver from vertical accessibility to the raised first floor and to the second and third floors. There are total of 99 rooms in the project, four of which will be accessible and one will have a roll in shower. The total cost of the project is estimated at \$3,000,000.

Commission Action: The waiver was approved, based on technical infeasibility.

10. Xixon Restaurant.

The application was incomplete and the basis of the request could not be determined.

Commission Action: The application was dismissed without prejudice.

11. National Hotel Cabana Building.

The applicant requested a waiver from providing a passenger elevator with dimensions complying with Section 11-4.1.6 of the Florida Building Code. The hotel itself is historic and the elevator in question is located in the cabana building on the same site, but which is not a historic structure. Increasing the size of the elevator to be code compliant is technically infeasible according to the applicant because doing so would encroach on the required means of egress as well as the required setback requirements and there is not sufficient space to make the engine room larger.

Commission Action: The waiver was approved with conditions, based on technical infeasibility, with the condition that one guest room in the cabana building is accessible.

12. Pine Creek Sporting Club.

The applicant requested a waiver from providing vertical accessibility to the upper levels of a tree house structure with two elevated observation levels. The structure is located in a private, members only club which includes a lodge, various types of shooting sports, helipad, recreational field, toy barn, nature trails, horse stables, dog kennels, aviary and volleyball and bocce courts. The cost to construct the tree house is \$36,000. The applicant is not claiming disproportionate cost; however, the club maintains the law was never intended to include an auxiliary feature of this limited nature in a rustic environment. The applicant agreed to make the first level accessible via ramp,

Commission Action: The Council referred the application to the Commission without a recommendation as the members were split on its disposition. The Commission referred the matter back to the Council, since it was their determination that the Council must provide a recommendation as required by statute and rule.

13. Marquis.

The applicant requested a waiver from providing vertical accessibility to the cold pool located in the spa area of a new, \$185,000,000 high rise residential building. Mechanical, electrical and plumbing requirements as well as HRS rules constrict the amount of space available adjacent to the pool in the spa. A pool deck spa has comparable facilities, but entrance into the water requires the assistance of an attendant. The spas and saunas have been designed to be accessible, and the only issue is independent access to the pool. The building official concluded that the pool deck facility is equivalent to the services provided in the main spa area. At the previous meeting, the Commission deferred action on the application to allow the applicant to pursue the possibility of installing a portable lift that could be temporarily installed in a sleeve assembly on the pool deck.

Commission Action: In the interim between meetings, no additional information was provided; however, at the Commission meeting, the applicant's representative reported a satisfactory solution had been accepted by the building official and the application was withdrawn by the applicant.

14. ANF Group

The applicant requested a waiver from providing vertical accessibility to three second floor offices and a file storage area in an office/warehouse building. The project is a \$35,000 alteration, and the applicant submitted quotes of \$43,150 (equipment only) and \$73,410 for complete elevator installation. There are no toilet facilities on the second floor and accessible toilets are available on the accessible first floor.

Commission Action: The waiver was approved, based on disproportionate cost.

15. Latitude 30 Degrees

The applicant requested a waiver from providing vertical accessibility to all rows of seats in a 60 seat movie theater. The design includes two wheelchair seating locations at the front and two at the back of the auditorium; however, the design does not clearly depict whether companion seating will also be provided. The project is an alteration to a family entertainment center, but no construction costs or cost estimates to make all the rows accessible were included in the application.

Commission Action: No representative was present and the application was deferred to permit the applicant to provide additional information.

ATTACHMENT 5

LEGAL REPORT

Second Hearing – December 9, 2009

Commission Action: Defer

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

Commission Action: Approved final

DCA09-DEC-269 by **Thomas Ford, RA of Bhamani, Ford & Associates, Inc**

Question 1: Is the voltage drop of 2 percent as stated in 13-413.1.ABC.1.1 intended as such or is it a scrivener’s error?

Answer: Yes, Section 13-413.AB.1.1 of the *Florida Building Code, Building*, intended to limit the voltage drop for feeders and customer-owned service conductors to 2 percent at design load. It is not a scrivener's error.

Question 2: Why is the FBC so restrictive for the feeder conductor voltage drop at 2 percent and why is it not in agreement with the NEC?

Answer: According to Section 102.4 of the *Florida Building Code, Building*, specific energy conservation requirements in the code take precedence over the informational language in the National Electric Code. There is no conflict between the two.

First Hearing – December 9, 2009

Commission Action: [Approved TAC recommendation](#)

[DCA09-DEC-309](#) by Alan Plante of Orange County Division of Building Safety

Question: Does the 2007 Florida Building Code Existing Building Code apply to renovations to existing swimming pools?

Answer: Yes. According to Section 3401.1 of the Florida Building Code, Building, structures (e.g. swimming pools) and buildings must comply with the provisions of the Florida Building Code, Existing Building.

DCA09-DEC-341 by Stephen Hailine of Life Time Products LLC (**withdrawn**)

Commission Action: [Deferred](#)

[DCA09-DEC-351](#) by Joseph Belcher, Code Consultant

Admin TAC Recommendation: Vote: 6/2

Question: In the case of sunrooms attached to single family dwellings, do the provisions of AAMA 2100 related to receptacle outlets prevail?

Answer: Yes. AAMA 2100 is more specific than NFPA 70 with regard to the definition of sunrooms and the placement of receptacle outlets, and therefore in according to Section 102.1 of the FBC, Building, AAMA 2100's provisions prevail over NFPA 70 with regard to the subject in question.

Electrical TAC Recommendation

Vote: 5/4

Question: In the case of sunrooms attached to single family dwellings, do the provisions of AAMA 2100 related to receptacle outlets prevail?

Answer: No. NFPA 70 is more restrictive with regard to electrical requirements for sunrooms and therefore in according to Section 102.1 of the FBC, Building, NFPA 70's provisions prevail over AAMA 2100 with regard to the subject in question.

Commission Action: [Approved TAC recommendation](#)

[DCA09-DEC-347](#) by George Merlin of George Merlin Associates Inc.

Question #1: Is the application of the exception in FBC Ch 3109.1.1 the same as the historical application and interpretation of the exemption in FS Ch 161.053(12) i.e., repairs and modifications to existing structures seaward of the CCCL have no limit on the cost of the work provided that the work stays within the limits of the existing foundation and does not modify that foundation and also meets the requirements of the Florida Building Code for Existing Buildings?

Answer: Yes. According to Section 3109.1.1 Exception, the project as described in Case #1 above is not required to be re-designed to resist the predicted forces associated with a 100-year storm event.

Question # 2(a): Is the application and interpretation of the exception in FBC Ch 3109.3 and 3109.4 to be the same as the historical application and interpretation of the exemption in FDEP Ch 62B-33.007(4)(c), i.e., if the work on an existing habitable structure involves an addition outside the existing foundation or repair or modification the existing foundation, the work is still exempt from the otherwise imposed elevation and pile foundation standards unless the addition outside the existing foundation constitutes a "substantial improvement" to the existing structure, as defined by FS 161.54(12)?

Answer: "Yes" as long as the level of work as noted in Case #2 does not advance the seaward limits and constitute rebuilding of the existing structure [see Sections 3109.3(Exception 1) and 3109.4(Exception 1).]

Question #2(b): Is the application and interpretation of the exceptions in FBC Ch 3109.3 and 3109.4 to be the same as the historical application and interpretation of the exemption in FDEP Ch 62B-33.007(4)(c), i.e., if the work on an existing habitable structure involves an addition outside the existing foundation or a repair or modification to the existing foundation, the work is still exempt from the otherwise imposed elevation and pile foundation standards, unless the addition outside the existing foundation and modifications above and within the existing foundation together constitute a "substantial improvement" to the existing structure, as defined by FS 161.54(12)?

Answer: See answer to Question #2(a).

Question #3: The FBC code within section 3110.1.2 defines that the FBC defers to local governments floodplain management for FEMA codes and local floodplain. The FBC code as stated says “the FBC defers to local governments for all floodplain management construction regulations for all structures that are NOT seaward of the CCCL”. (Emphasis added to the word NOT). Does this mean that, when local codes are in conflict with FBC, the state code takes priority over local codes when pertaining to construction projects located seaward of the CCCL?

Answer: No answer is possible. The Code defers regulations with regard to Floodplain Management Program to the local authority having jurisdiction.

(Note: draft order should provide for clarification that the answers are limited to the cases in question, the scope of the 2007 FBC and authority within the jurisdiction of the Commission).

ATTACHMENT 6
PRODUCT AND ENTITY APPROVAL REPORT

ID	Manufacturer	Category	Subcategory	TBA	POC	FBC	Comments	Stat.
Certification Method - TBA Reviewers Recommend Approval								
1091-R5	Andersen Corporation	Windows	Double Hung	a	a	a	Recommend Approval	Revision
1610-R3	Vistawall Group	Panel Walls	Storefronts	a	a	a	Recommend Approval	Revision
1814-R4	WOODLAND INDUSTRIES, INC.	Roofing	Underlayments	a	a	a	Recommend Approval	Revision
2047-R4	Nu-Vue Industries Inc.	Structural Components	Wood Connectors	a	a	a	Recommend Approval	Revision
2887-R3	Vistawall Group	Panel Walls	Storefronts	a	a	a	Recommend Approval	Revision
3902-R1	American Hydrotech, Inc.	Roofing	Waterproofing	a	a	a	Recommend Approval	Revision
5145	Hurricane Manufacturing Corp	Panel Walls	Storefronts	a	a	a	Recommend Approval	New
5167-R4	Simonton Windows	Windows	Double Hung	a	a	a	Recommend Approval	Revision
5262-R2	Therma-Tru Corporation	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
5414-R4	Simonton Windows	Windows	Single Hung	a	a	a	Recommend Approval	Revision
6542-R6	Lincoln Wood Products, Inc. /	Windows	Double Hung	a	a	a	Recommend Approval	Revision

	Timeline Vinyl Products, Inc.							
6785-R2	Carlisle Coatings & Waterproofing	Roofing	Underlayments	a	a	a	Recommend Approval	Revision
7461-R3	Lincoln Wood Products, Inc. / Timeline Vinyl Products, Inc.	Windows	Casement	a	a	a	Recommend Approval	Revision
8336-R2	Gorell Enterprises Inc.	Windows	Fixed	a	a	a	Recommend Approval	Revision
9410-R2	Metals USA Building Products Canada Inc.	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
10220	Alcoa Architectural Products	Panel Walls	Siding	a	a	a	Recommend Approval	New
10597-R1	CGI - Construction Glass Industries	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
10929-R2	JELD-WEN	Windows	Awning	a	a	a	Recommend Approval	Revision
10947-R1	JELD-WEN	Windows	Horizontal Slider	a	a	a	Recommend Approval	Editorial Change
11045-R2	JELD-WEN	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
11112-R1	JELD-WEN	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Editorial Change
11178-R1	CGI - Construction Glass Industries	Exterior Doors	Exterior Door Components	a	a	a	Recommend Approval	Revision
11467-R2	JELD-WEN	Windows	Fixed	a	a	a	Recommend Approval	Revision
11483-R1	Therma-Tru Corporation	Exterior Doors	Swinging Exterior Door	a	a	a	Recommend Approval	Revision

			Assemblies					
11826-R2	Atrium Companies Inc.	Windows	Double Hung	a	a	a	Recommend Approval	Revision
11831-R2	Atrium Companies Inc.	Windows	Fixed	a	a	a	Recommend Approval	Revision
11887-R1	Marvin Windows and Doors	Windows	Casement	a	a	a	Recommend Approval	Revision
12006-R1	MI Windows and Doors	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
12200-R1	KP Building Products Inc	Panel Walls	Soffits	a	a	a	Recommend Approval	Revision
12357	INDUSTRIAL MILLWORK CORP	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
12383-R1	Windsor Windows and Doors	Windows	Fixed	a	a	a	Recommend Approval	Revision
12446-R1	Pella Corporation	Windows	Double Hung	a	a	a	Recommend Approval	Revision
12464-R1	Windsor Windows and Doors	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
12643	Quikserv Corporation	Windows	Horizontal Slider	a	a	a	Recommend Approval	New
12656	West Window Corporation	Windows	Double Hung	a	a	a	Recommend Approval	New
12657	West Window Corporation	Windows	Single Hung	a	a	a	Recommend Approval	New
12890	Nan Ya Plastics Corporation USA	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
12933	Distribution Open Joist 2000 Inc.	Structural Components	Engineered Lumber	a	a	a	Recommend Approval	New
13032	AWP, LLC	Windows	Fixed	a	a	a	Recommend	New

							Approval	
13033	AWP, LLC	Windows	Horizontal Slider	a	a	a	Recommend Approval	New
13038	Aldo Products	Roofing	Liquid Applied Roof Systems	a	a	a	Recommend Approval	New
13054	Lemminkainen Katto OY	Roofing	Underlayments	a	a	a	Recommend Approval	New
13069	Andersen Corporation	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	New
13070	Fenestra America LLC.	Windows	Double Hung	a	a	a	Recommend Approval	New
13072	Fenestra America LLC.	Windows	Fixed	a	a	a	Recommend Approval	New
13073	Sound Solutions Windows and Doors, LLC	Windows	Fixed	a	a	a	Recommend Approval	New
13074	Andersen Corporation	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
13075	Sound Solutions Windows and Doors, LLC	Windows	Awning	a	a	a	Recommend Approval	New
13076	Sound Solutions Windows and Doors, LLC	Windows	Double Hung	a	a	a	Recommend Approval	New
13077	Sound Solutions Windows and Doors, LLC	Windows	Casement	a	a	a	Recommend Approval	New
13079	Andersen Corporation	Windows	Awning	a	a	a	Recommend Approval	New
13080	Andersen Corporation	Windows	Fixed	a	a	a	Recommend Approval	New
13081	Andersen Corporation	Windows	Casement	a	a	a	Recommend Approval	New
13082	Andersen	Windows	Double Hung	a	a	a	Recommend	New

	Corporation						Approval	
13084	Nan Ya Plastics Corporation USA	Windows	Fixed	a	a	a	Recommend Approval	New
13085	Gilkey Window Company, Inc.	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	New
13091	Kolbe Windows and Doors - Wausau	Windows	Fixed	a	a	a	Recommend Approval	New
13102	R. M. Lucas Co.	Roofing	Cements-Adhesives-Coatings	a	a	a	Recommend Approval	New
13106	Isnar Ceramic, LLC	Roofing	Roofing Tiles	a	a	a	Recommend Approval	New
13113	Hurd Windows and Doors, Inc.	Windows	Fixed	a	a	a	Recommend Approval	New
13114	BiltBest Windows and Patio Doors	Windows	Casement	a	a	a	Recommend Approval	New
13115	BiltBest Windows and Patio Doors	Windows	Fixed	a	a	a	Recommend Approval	New
13116	BiltBest Windows and Patio Doors	Windows	Awning	a	a	a	Recommend Approval	New
13117	Hurd Windows and Doors, Inc.	Windows	Double Hung	a	a	a	Recommend Approval	New
13118	BiltBest Windows and Patio Doors	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	New
13119	Hurd Windows and Doors, Inc.	Windows	Awning	a	a	a	Recommend Approval	New
13122	Andersen Corporation	Windows	Casement	a	a	a	Recommend Approval	New
13129	Coating and Foam Solutions, LLC	Roofing	Liquid Applied Roof Systems	a	a	a	Recommend Approval	New
13140	Moss Supply Company	Windows	Single Hung	a	a	a	Recommend Approval	New
13144	Soler & Palau	Roofing	Roofing	a	a	a	Recommend	New

	USA		Accessories that are an Integral Part of the Roofing System				Approval	
13145	Marvin Windows and Doors	Windows	Casement	a	a	a	Recommend Approval	New
13150	Marvin Windows and Doors	Windows	Fixed	a	a	a	Recommend Approval	New
13171	Viridian Systems	Roofing	Roofing Accessories that are an Integral Part of the Roofing System	a	a	a	Recommend Approval	New
13174	Kolbe Windows and Doors - Wausau	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	New
13175	Viridian Systems	Roofing	Built up Roofing	a	a	a	Recommend Approval	New
13178	Hager Companies	Exterior Doors	Exterior Door Components	a	a	a	Recommend Approval	New
13180	Marvin Windows and Doors	Windows	Awning	a	a	a	Recommend Approval	New
13181	AWP, LLC	Windows	Single Hung	a	a	a	Recommend Approval	New
13185	Gorell Enterprises Inc.	Windows	Horizontal Slider	a	a	a	Recommend Approval	New
13189	Moss Supply Company	Windows	Fixed	a	a	a	Recommend Approval	New
13191	Krestmark Ind. L.P.	Windows	Single Hung	a	a	a	Recommend Approval	New
13195	Krestmark Ind. L.P.	Windows	Fixed	a	a	a	Recommend Approval	New
13196	MARITECH WINDOWS	Windows	Single Hung	a	a	a	Recommend Approval	New

13197	MARITECH WINDOWS	Windows	Fixed	a	a	a	Recommend Approval	New
13200	Weather Shield Mfg., Inc.	Windows	Fixed	a	a	a	Recommend Approval	New
13214	Winco Window Company	Windows	Casement	a	a	a	Recommend Approval	New
13215	Winco Window Company	Windows	Fixed	a	a	a	Recommend Approval	New
13216	Winco Window Company	Windows	Projected	a	a	a	Recommend Approval	New
13217	Winco Window Company	Windows	Fixed	a	a	a	Recommend Approval	New
13218	Winco Window Company	Windows	Fixed	a	a	a	Recommend Approval	New
13222	Winco Window Company	Windows	Fixed	a	a	a	Recommend Approval	New
13224	Weather Shield Mfg., Inc.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
13229	Atrium Companies Inc.	Windows	Single Hung	a	a	a	Recommend Approval	New
13230	Atrium Companies Inc.	Windows	Fixed	a	a	a	Recommend Approval	New
13232	Atrium Companies Inc.	Windows	Horizontal Slider	a	a	a	Recommend Approval	New
13233	Atrium Companies Inc.	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	New
13235	Peachtree Doors and Windows	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
13238	Moss Supply Company	Windows	Horizontal Slider	a	a	a	Recommend Approval	New
13240	Moss Supply Company	Windows	Double Hung	a	a	a	Recommend Approval	New
13254	Hurd Windows	Windows	Casement	a	a	a	Recommend	New

	and Doors, Inc.						Approval	
13267	KML Windows, Inc.	Windows	Mullions	a	a	a	Recommend Approval	New
13268	PGT Industries	Windows	Single Hung	a	a	a	Recommend Approval	New
13270	KML Windows, Inc.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
13272	PGT Industries	Windows	Horizontal Slider	a	a	a	Recommend Approval	New
13273	PGT Industries	Windows	Fixed	a	a	a	Recommend Approval	New
13274	PGT Industries	Windows	Double Hung	a	a	a	Recommend Approval	New
13283	Weather Shield Mfg., Inc.	Windows	Casement	a	a	a	Recommend Approval	New
13287	Weather Shield Mfg., Inc.	Windows	Awning	a	a	a	Recommend Approval	New
13291	Weather Shield Mfg., Inc.	Windows	Fixed	a	a	a	Recommend Approval	New
13292	Peachtree Doors and Windows	Windows	Casement	a	a	a	Recommend Approval	New
13295	SEAL CRAFT, Corp.	Windows	Single Hung	a	a	a	Recommend Approval	New
13296	Peachtree Doors and Windows	Windows	Awning	a	a	a	Recommend Approval	New
13297	Peachtree Doors and Windows	Windows	Fixed	a	a	a	Recommend Approval	New
13298	Sound Solutions Windows and Doors, LLC	Windows	Horizontal Slider	a	a	a	Recommend Approval	New
13303	VELUX America Inc.	Sky Lights	Skylight	a	a	a	Recommend Approval	New
13307	Peachtree Doors and Windows	Windows	Double Hung	a	a	a	Recommend Approval	New
13311	Weather Shield	Windows	Double Hung	a	a	a	Recommend	New

	Mfg., Inc.						Approval	
Evaluation by Engineer/Architect - TBA Reviewers Recommend Approval								
1754-R3	CENTRIA	Structural Components	Structural Wall	a	a	a	Recommend Approval	Editorial Change
2623-R3	Dunbarton Corporation	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
3149-R4	CENTRIA	Roofing	Metal Roofing	a	a	a	Recommend Approval	Editorial Change
3174-R3	CENTRIA	Panel Walls	Siding	a	a	a	Recommend Approval	Editorial Change
3481-R3	CENTRIA	Panel Walls	Siding	a	a	a	Recommend Approval	Editorial Change
3722-R2	Steel Built Corp.	Structural Components	Roof Deck	a	a	a	Recommend Approval	Revision
3985-R3	Steel Built Corp.	Panel Walls	Siding	a	a	a	Recommend Approval	Revision
4133-R3	CENTRIA	Structural Components	Roof Deck	a	a	a	Recommend Approval	Editorial Change
4611-R1	Charlotte Sheet Metal	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
5013-R2	Roll-a-way by QMI	Shutters	Roll-up	a	a	a	Recommend Approval	Revision
5259-R7	POLYGLASS USA	Roofing	Underlayments	a	a	a	Recommend Approval	Revision
5600-R2	Silverline Building Products Corp.	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
5664-R1	Mayfair Window and Door	Windows	Single Hung	a	a	a	Recommend Approval	Revision

5790-R4	American Shutter Systems Association, Inc.	Shutters	Roll-up	a	a	a	Recommend Approval	Revision
6136-R4	Silverline Building Products Corp.	Windows	Horizontal Slider	a	a	a	Recommend Approval	Revision
6628-R2	CENTRIA	Panel Walls	Siding	a	a	a	Recommend Approval	Editorial Change
6944-R2	CENTRIA	Windows	Fixed	a	a	a	Recommend Approval	Editorial Change
7052-R2	Alenco Windows	Windows	Mullions	a	a	a	Recommend Approval	Revision
7263-R1	Delta Building Products	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
8097-R1	Kirsch Building Products LLC	Roofing	Underlayments	a	a	a	Recommend Approval	Revision
8783	Brannen Millwork Company	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
8888-R2	ASTA DOOR CORPORATION	Exterior Doors	Roll-Up Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
9225-R4	Dunbarton Corporation	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
9613-R1	Vi Win Tech	Windows	Fixed	a	a	a	Recommend Approval	Revision
10232-R1	Onity Inc.	Exterior Doors	Exterior Door Components	a	a	a	Recommend Approval	Revision
10233-R1	Onity Inc.	Exterior Doors	Exterior Door Components	a	a	a	Recommend Approval	Revision
10264-R4	Firestone Building Products Company, LLC.	Roofing	Single Ply Roof Systems	a	a	a	Recommend Approval	Revision
10373-R1	Hurricane Armor, LLC	Shutters	Products Introduced as a Result of	a	a	a	Recommend Approval	Revision

			New Technology					
10703-R1	Mule-Hide Products Co., Inc.	Roofing	Single Ply Roof Systems	a	a	a	Recommend Approval	Revision
10742-R1	ASTA DOOR CORPORATION	Exterior Doors	Roll-Up Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
11111-R3	Silverline Building Products Corp.	Windows	Awning	a	a	a	Recommend Approval	Revision
11217	CAOBA Doors	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval - Deferred and complied with conditions of: Provide Test Reports and revise Evaluation Reports indicating the glazing configurations as tested; impact of raised panels; measurement of deflection of mullions and its attachments. Revise installation drawings to indicate anchors as on calculations,; hardware as tested and reinforcements as tested.	Deferral
11255-R1	Decra Roofing Systems, Inc.	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
11322-R1	St. Cloud Window, Inc.	Windows	Double Hung	a	a	a	Recommend Approval	Revision

11323-R1	St. Cloud Window, Inc.	Windows	Fixed	a	a	a	Recommend Approval	Revision
11324-R1	St. Cloud Window, Inc.	Windows	Horizontal Slider	a	a	a	Recommend Approval	Revision
11515-R1	RSL, Inc.	Exterior Doors	Exterior Door Components	a	a	a	Recommend Approval	Revision
11631-R1	CENTRIA	Panel Walls	Curtain Walls	a	a	a	Recommend Approval	Editorial Change
11727-R1	Englert Inc.	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
11815-R1	Aztec Steel Buildings Corp.	Structural Components	Structural Wall	a	a	a	Recommend Approval	Revision
12178	C.H.I. Overhead Doors	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	New
12320-R1	Alside Window Company	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
12321-R1	Gentek Building Products	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
12322-R1	Revere Building Products	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
12323-R1	Associated Materials Inc.	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
12335	United Enertech	Panel Walls	Wall Louver	a	a	a	Recommend Approval	New
12350	United Enertech	Panel Walls	Wall Louver	a	a	a	Recommend Approval	New
12351	United Enertech	Panel Walls	Wall Louver	a	a	a	Recommend Approval	New
12515-R1	Custom Window Systems Inc.	Windows	Single Hung	a	a	a	Recommend Approval	Revision
12517-R1	Custom Window	Windows	Single Hung	a	a	a	Recommend	Revision

	Systems Inc.						Approval	
12615	Atlantis Energy Systems, Inc.	Roofing	Roofing Tiles	a	a	a	Recommend Approval	New
12644	Gammans Skylight Systems, Inc.	Sky Lights	Skylight	a	a	a	Recommend Approval	New
12751-R1	Janus International Corporation	Exterior Doors	Roll-Up Exterior Door Assemblies	a	a	a	Recommend Approval	Editorial Change
12809-R2	West Tampa Glass Company	Panel Walls	Curtain Walls	a	a	a	Recommend Approval	Revision
12880	Coral Industries, Inc	Panel Walls	Curtain Walls	a	a	a	Recommend Approval	New
12966-R1	JM Metals (Innovative Distribution LLC)	Roofing	Metal Roofing	a	a	a	Recommend Approval	Editorial Change
12996	Paradigm Window Solutions	Windows	Double Hung	a	a	a	Recommend Approval	New
12997	Paradigm Window Solutions	Windows	Single Hung	a	a	a	Recommend Approval	New
12999	Paradigm Window Solutions	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	New
13003	Koreteck Inc.	Panel Walls	Siding	a	a	a	Recommend Approval	New
13014	TKO Dock Doors, Inc.	Exterior Doors	Roll-Up Exterior Door Assemblies	a	a	a	Recommend Approval	New
13021-R1	Morin - a Kingspan Company	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
13031	Armaclad, Inc.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
13052	Schuco USA	Roofing	Products Introduced as	a	a	a	Recommend Approval	New

			a Result of New Technology					
13065-R1	Plastpro Inc. / Nanya Plastics Corp.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
13068	American Shutter Systems Association, Inc.	Windows	Mullions	a	a	a	Recommend Approval	New
13103	Loewen Windows	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	New
13104	Loewen Windows	Windows	Casement	a	a	a	Recommend Approval	New
13105	Loewen Windows	Windows	Fixed	a	a	a	Recommend Approval	New
13110	Hi-Tech Shutter Group	Shutters	Accordion	a	a	a	Recommend Approval	New
13126	PALM CITY MILLWORK, INC.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
13127	PALM CITY MILLWORK, INC.	Windows	Single Hung	a	a	a	Recommend Approval	New
13128	PALM CITY MILLWORK, INC.	Windows	Fixed	a	a	a	Recommend Approval	New
13131	Loewen Windows	Windows	Single Hung	a	a	a	Recommend Approval	New
13132	Abby Iron Doors	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
13133	Liberty Building Systems	Panel Walls	Siding	a	a	a	Recommend Approval	New
13137	Rogue Valley Door	Exterior Doors	Swinging Exterior Door	a	a	a	Recommend Approval	New

			Assemblies					
13141	Glasslam N.G.I. Inc.	Exterior Doors	Exterior Door Components	a	a	a	Recommend Approval	New
13143	General Aluminum Company	Windows	Horizontal Slider	a	a	a	Recommend Approval	New
13157	Graham Architectural Products	Windows	Horizontal Slider	a	a	a	Recommend Approval	New
13158	Builders Hardware Inc.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
13161	C.H.I. Overhead Doors	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	New
13162	C.H.I. Overhead Doors	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
13168	TRU TECH DOORS USA	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
13169	Graham Architectural Products	Windows	Casement	a	a	a	Recommend Approval	New
13173	Nick's Building Supply, Inc.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
13176	Graham Architectural Products	Windows	Awning	a	a	a	Recommend Approval	New
13183	Metal Sales Manufacturing Corporation	Roofing	Metal Roofing	a	a	a	Recommend Approval	New
13184	BITEC, INC.	Roofing	Modified Bitumen Roof System	a	a	a	Recommend Approval	New

13186	MILLENNIUM METALS INC.	Roofing	Metal Roofing	a	a	a	Recommend Approval	New
13188	VEKA Inc.	Windows	Mullions	a	a	a	Recommend Approval	New
13192	James Hardie Building Products, Inc.	Panel Walls	Siding	a	a	a	Recommend Approval	New
13193	Brannen Millwork Company	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
13198	Atlantic Coast Roofing and Metal Fabricators, LLC.	Roofing	Metal Roofing	a	a	a	Recommend Approval	New
13199	General Aluminum Company	Windows	Fixed	a	a	a	Recommend Approval	New
13223	James Hardie Building Products, Inc.	Panel Walls	Siding	a	a	a	Recommend Approval	New
13227	Storm Smart Industries	Shutters	Products Introduced as a Result of New Technology	a	a	a	Recommend Approval	New
13234	Liberty Building Systems	Structural Components	Roof Deck	a	a	a	Recommend Approval	New
13236	James Hardie Building Products, Inc.	Panel Walls	Siding	a	a	a	Recommend Approval	New
13241	Custom Window Systems Inc.	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	New
13242	Custom Window Systems Inc.	Windows	Fixed	a	a	a	Recommend Approval	New
13243	Custom Window	Windows	Casement	a	a	a	Recommend	New

	Systems Inc.						Approval	
13245	Custom Window Systems Inc.	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	New
13247	MBCI, L.P.	Roofing	Metal Roofing	a	a	a	Recommend Approval	New
13249	Blosser Stephens, LLC.	Roofing	Metal Roofing	a	a	a	Recommend Approval	New
13260	Custom Window Systems Inc.	Windows	Fixed	a	a	a	Recommend Approval	New
13261	Custom Window Systems Inc.	Windows	Fixed	a	a	a	Recommend Approval	New
13263	Custom Window Systems Inc.	Windows	Single Hung	a	a	a	Recommend Approval	New
13264	Custom Window Systems Inc.	Windows	Fixed	a	a	a	Recommend Approval	New
13265	James Hardie Building Products, Inc.	Panel Walls	Siding	a	a	a	Recommend Approval	New
13275	Mitten Inc.	Panel Walls	Soffits	a	a	a	Recommend Approval	New
13277	Gammans Skylight Systems, Inc.	Sky Lights	Skylight	a	a	a	Recommend Approval	New
13280	KML Windows, Inc.	Windows	Fixed	a	a	a	Recommend Approval	New
13314	R and R Roofing	Roofing	Metal Roofing	a	a	a	Recommend Approval	New
Evaluation by Test Report - TBA Reviewers Recommend Approval								
2077-R4	Black Warrior Roofing	Roofing	Underlayments	a	a	a	Recommend Approval	Revision

12838	IKO Industries, Ltd	Roofing	Underlayments	a	a	a	Recommend Approval	New
13087	Chem-Pruf Door Co., Ltd.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
13259	Crimsafe North America	Shutters	Storm Panels	a	a	a	Recommend Approval	New
Evaluation by Evaluation Entity - TBA Reviewers Recommend Approval								
817-R2	United Steel Products Company	Structural Components	Wood Connectors	a	a	a	Recommend Approval	Revision
13170	United Steel Products Company	Structural Components	Wood Connectors	a	a	a	Recommend Approval	New
Entities - TBA Reviewers Recommend Approval								
ACC 8491	ACLASS Accreditation	Product Accreditation Body		a	a	a	Recommend Approval	New
TST 1910	Architectural Testing, Inc. - Texas	Product Testing Laboratory		a	a	a	Recommend Approval	Revision
TST 3782	American Test Lab of South Florida	Product Testing Laboratory		a	a	a	Recommend Approval	Revision
QUA 1963	Timber Products Inspection Inc	Product Quality Assurance		a	a	a	Recommend Approval	Revision

		Agency						
QUA 3726	Pyramid1, Inc.	Product Quality Assurance Agency		a	a	a	Recommend Approval	Revision
QUA 5922	R I Ogawa & Associates, Inc.	Product Quality Assurance Agency		a	a	a	Recommend Approval	Revision
Discussion Items								
2453-R2	Exclusive Wood Doors	Exterior Doors	Swinging Exterior Door Assemblies			y	<u>Recommend Denial - Deferred with conditions of: Withdraw impact products. Provide safety glazing for the insulated glass. Provide administrator with copies of the test reports for the non-impact products for further review of application. Applicant did not consent to conditions. Upon review by Administrator of test reports it is found that test for TAS 202 did not comply with requirements in Sect. 17.6 based on</u>	Deferred

							<u>the number of specimens. In addition, the flush bolts shown on testing were not included on installation instructions.</u>	
11578	CLP Systems	Structural Components	Wood Connectors		w	w	<u>Withdrawn by applicant.</u>	New
13300	VELUX America Inc.	Sky Lights	Skylight		c	c	Installation anchor detail is not clear. What is meant by "where it is possible" for location of nails? Applicant indicated that product is manufactured with holes for nails and the product is shipped with the nails required. This is not in compliance with Rule 9B-72 that requires detail of attachment. <u>Recommend Conditional Approval with condition of: Provide on installation instructions detail of anchor spacing and size as tested.</u>	New
13308	VELUX America	Sky Lights	Skylight		c	c	Installation	New

	Inc.						instructions do not indicate attachment to structure. Applicant indicated that product is manufactured with holes for nails and the product is shipped with the nails required. This is not in compliance with Rule 9B-72 that requires detail of attachment. <u>Recommend Conditional Approval with condition of:</u> <u>Provide on installation instructions detail of anchor spacing and size as tested.</u>	
13309	VELUX America Inc.	Sky Lights	Skylight		c	c	Installation instructions do not indicate attachment to structure. Applicant indicated that product is manufactured with holes for nails and the product is shipped with the nails required. This is not in compliance with Rule 9B-72 that requires detail	New

							of attachment. <u>Recommend Conditional Approval with condition of: Provide on installation instructions detail of anchor spacing and size as tested.</u>	
Public Comments								
Certification Method								
6159-R1	Nova Comm Inc.	Panel Walls	Storefronts	a	a	a	<u>Recommend Approval</u>	Revision
6159-R1	Public Comment by Jaime Gascon						Roof portion of enclosure needs further detailing. Description indicates use of a total of six lights. Confirm safety factor of 2 for roof portion, testing per skylight on roof section, and impact performance for conditions of use outside of wall plane. Else, indicate not for use in HVHZ.	
6159-R1	Response by Hermes Norero						The skylight on roof should not apply in this case because the ceiling	

							is not exposed to pressure because it is always underneath a solid structure. Please note that the details that show an “outside” installation are always underneath a concrete overhang. Application should stay as posted.	
6159-R1	Comment by Administrator						We are in agreement with the response by applicant.	
7971	Pioneer Industries	Exterior Doors	Swinging Exterior Door Assemblies	a	-	-	Recommend Approval	New
7971	Public Comment by Jaime Gascon						Part #8 - flat head expansion anchor spacing at jambs needs to be specified. Clarify note 7 on drawings since anchors described are installed at grout lines.	
7971	Response by Sheikh Kamal						We propose to change the wording of Installation Note #7 on Sheet 1 to read “Do not	

							install expansion anchors into mortar joints,” rather than installation anchor. We then propose to add the anchor spacing, as tested, for each anchor type on Sheet 3. Upon your approval, we will make these corrections and re-upload.	
7971	Recommendation by Administrator			c	c	c	<u>Recommend Conditional Approval with condition of: Change the wording of Installation Note #7 to read "Do not install expansion anchors into mortar joints". For each anchor type indicate anchor spacing as tested not to exceed recommended anchor recommended loads. On Bill of Material correct references to Pages 16 and 17.</u>	

12981-R1	Alternate Energy Technologies, LLC	Roofing	Products Introduced as a Result of New Technology	a	-	-	Recommend Approval	Revision
12981-R1	Public Comment by Do Kim						We would like a conditional approval to correct some notes on the installation instructions for the AE Series model. There are references to the 2004 FBC in addition to the 2007 FBC and we would like to remove the references to the old 2004 FBC. This was an oversight on our part when proofing the original drawings. We would like a conditional approval so that we can replace the AE Series model installation instructions with a corrected version.	
12981-R1	Recommendation by Administrator			c	c	c	<u>Recommend Conditional Approval with</u>	

							<u>condition of: On the installation instructions remove references to the 2004 FBC.</u>	
Evaluation by Engineer/Architect Method								
8218-R1	Hurricane Armor, LLC	Shutters	Products Introduced as a Result of New Technology	a	-	-	Recommend Approval	Revision
8218-R1	Public Comment by Jaime Gascon						Note #7 on drawings indicates 'plastics must meet...'; do they or not? If evidence is not available, and since this product is intended for permanent fixing to the structure, indicate not for use in the HVHZ.	
8218-R1	Response by Christian Langley						The only plastic components included in this product are the fabric (polypropylene) and plugs for the rail access holes (non-structural). The fabric has been	

							<p>tested and meets the HVHZ requirements for plastic materials, as shown in the attached documentation. This should satisfy the comment, but please reply if further information or discussion is requested. The fabric is rolled inside a metal hood at all times (protected from UV radiation) and is only unrolled during tropical windstorm events. Thus, the UV weathering test should not be required.</p>	
8218-R1	Recommendation by Administrator			c	c	c	<p><u>Recommend Conditional Approval with conditions of: Provide tests in compliance with Chapter 26 for plastics. Provide UV weathering tests or provide a label on the hood indicating that the</u></p>	

							<u>fabric shall be rolled inside the metal hood and unrolled only during windstorm events.</u>	
8472-R6	Hendee Enterprises	Shutters	Products Introduced as a Result of New Technology	a	-	-	Recommend Approval	Revision
8472-R6	Public Comment by Michael Murray						<p>Application lacks required material specifications in the Installation Instructions or evaluation report.</p> <p>Fabric: Lacks information on porosity, tensile strength, etc.</p> <p>No minimum performance specifications are shown for the zipper feature, size of zipper, load capacity, etc. It should be verified this was a tested feature as shown in the Installation Instructions.</p>	

							No stitch detail or thread type is shown.	
8472-R6	Response by Matt Ranieri						We have reviewed the Public Comments and have no problem providing what is questioned. We respectfully request a Conditional Approval so we can gather this information and provide under our engineers stamp. We will be able to provide within the next 2 weeks.	
8472-R6	Recommendation by Administrator			c	c	c	<u>Recommend Conditional Approval with condition of:</u> <u>Provide specification for fabric as tested.</u> <u>Provide specification for zipper and stitch as tested.</u>	
12977	Varco Pruden Buildings, Div of BlueScope Buildings North America, Inc.	Structural Components	Roof Deck	a	-	-	Recommend Approval	New
12977	Public Comment						Indicate on the	

	by Jaime Gascon						drawings a maximum deflection limit of L/240 per FBC 1613.1.2 as a limiting parameter for use when calculating the panel's capacity. Indicate a minimum overall panel thickness of 0.024" and Fy=53.3ksi per tested specimens. Detail pane clip's dimensions and material specifications.	
12977	Response by Larry Boozer						We are writing in response to the public comment below. We have changed our installation drawings to incorporate the following items: The drawings now have maximum deflection = L/240 notes in panel strength section. The drawings now have added details and specifications for the panel	

							<p>attachment clip. The drawings now indicate a panel minimum thickness of .024". The drawings now indicate minimum yield strength of 53,300 psi.</p> <p>We ask for conditional approval (pending receipt of drawing revisions and validation) of our VP HWR roof deck at the December 2009 Florida Building Commission meeting.</p>	
12977	Recommendation by Administrator			c	c	c	<p>The panel information requested on the public comments is detailed on the evaluation report and the installation drawings. The panel attachment clip should be better specified. <u>Recommend Conditional Approval with condition of</u></p>	

							<u>provide specification and detail of attachment clip as tested.</u>	
13237	Mesker Door, Inc.	Exterior Doors	Swinging Exterior Door Assemblies	a	-	-	Recommend Approval	New
13237	Public Comment by Jaime Gascon						For products .3 and .4: EPS core material requires compliance with FBC 2612. Else indicate not for use in the HVHZ.	
13237	Response by Rick Wright						<p>I have attached a certificate of compliance for the Mesker Door issued by Underwriters Laboratories, Inc.</p> <p>The certificate states the product has been tested to UL10B, 10C and NFPA252.</p> <p>We would like a conditional to add the additional reference standards to the approval application.</p>	
13237	Recommendation			c	c	c	<u>Recommend</u>	

	by Administrator						<u>Conditional Approval with condition of: For Products .3 and .4 provide certification/testing of core material.</u>	
13250	YKK AP America	Panel Walls	Curtain Walls	a	-	-	<u>Recommend Approval</u>	New
13250	Public Comment by Jaime Gascon						Products .3 and .4: The insulated glass edge sealant and spacer need to be specified to match that which was tested. These are small and large missile dry glazed insulated units respectively, where system performance depends on fragmented tempered lite of glass remaining in pocket.	
13250	Response by Jim Westhal						Melih Susoy, with OM Engineering, contacted Jamie to discuss this requirement as it has not been an issue with past applications. Jamie stated that it is an	

							item that will be reviewed in the future. We are willing to supply the required information but due to the response deadline and the holidays it is not possible to do so by this Friday. We would request "conditional approval" while we incorporate this information into our application.	
13250	Recommendation by Administrator			c	c	c	<u>Recommend Conditional Approval with conditions of: For products .3 and .4 specify the insulated glass edge sealant and spacer as tested.</u>	
13256	YKK AP America	Panel Walls	Curtain Walls	a	-	-	<u>Recommend Approval</u>	New
13256	Public Comment by Jaime Gascon						Product .2: The insulated glass edge sealant and spacer need to be specified to match that which was tested. These are large missile impact	

							dry glazed insulated units, where system performance depends on fragmented tempered lite of glass remaining in pocket.	
13256	Response by Jim Westhal						Melih Susoy, with OM Engineering, contacted Jamie to discuss this requirement as it has not been an issue with past applications. Jamie stated that it is an item that will be reviewed in the future. We are willing to supply the required information but due to the response deadline and the holidays it is not possible to do so by this Friday. We would request "conditional approval" while we incorporate this information into our application.	
13256	Recommendation by Administrator			c	c	c	<u>Recommend Conditional Approval with</u>	

							<u>conditions of: For product .2 specify the insulated glass edge sealant and spacer as tested.</u>	
13289	Larson Manufacturing Company	Windows	Fixed	a	c	c	<u>Recommend Conditional Approval with condition of provide glazing sealant as tested.</u>	New
13289	Public Comment by Jaime Gascon						Parts #9 and #24 on the drawing's bill of materials are not called out throughout the drawing. Delete the parts for the list, or indicate where these parts are used to match the condition(s) tested. If parts are not used, indicate not for use in the HVHZ.	
13289	Response by Luke Turner						Please note that part #9 Hot Melt H backbedding is indicated as “not shown for clarity” on Sheet 4, and part #24 is detailed on Sheet 5. These parts are used in the factory	

							construction of the product and do not affect the use of the uploaded LH-103 document as an Installation Instruction compliant with Rule 9B-72.	
13289	Comment by Administrator						We are in agreement with the response by applicant.	
Evaluation by Test Report								
5954-R3	Benjamin Obdyke Incorporated	Roofing	Roofing Accessories that are an Integral Part of the Roofing System	a	-	-	Recommend Approval	Revision
5954-R3	Public Comment by Jaime Gascon						Product lacks physical properties testing per FBC 2612 from each of the plants fabricating the product under this approval. If not available, indicate not for use in the HVHZ.	
5954-R3	Response by Ted Kerwood-Winslow						As per the public comment for FL5954-R3 and FL9577-R3, the	

							products have in fact passed this testing and it is indeed available – I have attached it to this email for your convenience. I accidentally did not attach this information to the original submittal.	
5954-R3	Recommendation by Administrator			c	d	d	<u>Recommend Deferral with condition of: Provide test reports for product physical properties per FBC Sect. 2612 and verification by QA Agency of plant fabricating product</u>	
9577-R3	Benjamin Obdyke Incorporated	Roofing	Roofing Accessories that are an Integral Part of the Roofing System	a	-	-	Recommend Approval	Revision
9577-R3	Public Comment by Jaime Gascon						Product lacks physical properties testing per FBC 2612 from each of the plants fabricating the product under this approval. If not	

							available, indicate not for use in the HVHZ.	
9577-R3	Response by Ted Kerwood-Winslow						As per the public comment for FL5954-R3 and FL9577-R3, the products have in fact passed this testing and it is indeed available – I have attached it to this email for your convenience. I accidentally did not attach this information to the original submittal.	
9577-R3	Recommendation by Administrator			c	d	d	<u>Recommend Deferral with condition of: Provide test reports for product physical properties per FBC Sect. 2612 and verification by QA Agency of plant fabricating product</u>	
12140	Chem-Pruf Door Co., Ltd.	Exterior Doors	Swinging Exterior Door Assemblies	a	-	-	Recommend Approval	New
12140	Public Comment by Rick Wright						This is a test report method application.	

						<p>Application lists ETC as laboratory – TAS 201, 202, 203 report from Hurricane Test Laboratory is posted.</p> <p>Please note the following regarding report number HTL-T443-0402-08 and installation instructions.</p> <p>1. Page 1 of report identifies specimens as side hinged inswing door system</p> <p style="padding-left: 40px;">a.</p> <p>Installation instructions are for an Outswing and Inswing door system</p>	
12140	Public Comment by Rick Wright (Cont.)					<p>3. Page 7 of report Table 8.5 Cyclic Load Test Spectrum shows compliance with Table 1626 (required for product with glazing, loads do not exceed 100%</p>	

							<p>of design pressure).</p> <p>a. Product should have been cycled in accordance with Table 1625.4 (required for opaque products in the HVHZ, loads reach 130% of design pressure).</p> <p>4. Page 3 of report Test Buck shown as wood</p> <p>a. Installation Instructions show product can be installed in Masonry, Wood and Steel substrates as evidenced by Fastener Schedule sheet 2 of 7 and sheets 3 & 4 of 7 shows cross sections direct to masonry (if other than tested should be an Engineer's Evaluation method application)</p>	
12140	Response by Isaac Escorza						<p>1) Switch the application to Method 1 Option D (FL# 12140,FL # 13262)</p>	

							<p>Evaluation Report by an Engineering firm with all pertinent information. See attached files indicating calculations for concrete and metal anchoring. (Certificate of Independence uploaded, signed/sealed hard copies of Evaluation and all supporting calculation submitted to Mr. Berman). For FL # 12140, FL # 13262, regarding inswing doory system, the evaluating engineer is comfortable with testing an inswing door as the most stringent test of the door, therefore the evaluation report would indicate both inswing and outswing conditions.</p>	
12140	Recommendation by Administrator			d	d	d	<u>Recommend Deferral with</u>	

							<u>condition of:</u> <u>Change method of</u> <u>application to</u> <u>evaluation report</u> <u>by FL PE. The</u> <u>evaluation report</u> <u>shall address</u> <u>attachment</u> <u>conditions, door</u> <u>swing and cycling</u> <u>testing.</u>	
12934	Chem-Pruf Door Co., Ltd.	Exterior Doors	Swinging Exterior Door Assemblies	a	d	d	<u>Recomm</u> <u>Deferral with</u> <u>condition of retest</u> <u>or demonstrate</u> <u>compliance with</u> <u>code section</u> <u>1626.2.5.2.1.</u>	New
12934	Public Comment by Jaime Gascon						Missile impact test (impact locations) not performed per FBC 1626.2.5.2.1. Retest, or indicate not for use in the HVHZ.	
12934	Response by Isaac Escorza						Impact was performed as indicated by Miami Dade (Test proposal # 08-1180 see attached file) for HVHZ Will make an engineering evaluation by Wolters	

							Engineering for an identical product if so required.	
12934	Commentary by Administrator						The product is a double door with a glass panel. The test proposal indicated was not attached, but the testing laboratory certifies compliance with the section of the code and TAS 201. We agree with the testing laboratory certification.	
13262	Chem-Pruf Door Co., Ltd.	Exterior Doors	Swinging Exterior Door Assemblies	a	-	-	Recommend Approval	New
13262	Public Comment by Rick Wright						<p>This is a test report method application.</p> <p>Please note the following regarding report number ETC-09-1042-23034.0 and installation instructions.</p> <p>1. Page 1 of report identifies specimens as side hinged outswing</p>	

							<p>door system</p> <p>a. Installation instructions are for an Outswing and Inswing door system</p> <p>2. Page 2 of report states water test was not performed</p> <p>a. No limitations within the application restricting the use of this product with regards to water infiltration requirements.</p>	
13262	Public Comment by Rick Wright (Cont.)						<p>3. Page 4 of report Tabulation of Pressure Differences shows compliance with Table 1626 (required for product with glazing, loads do not exceed 100% of design pressure).</p> <p>a. Product should have been cycled in accordance with Table 1625.4 (required for opaque products,</p>	

							loads reach 130% of design pressure).	
							<p>4. Page 7 of report Test Buck shown as wood</p> <p>a. Installation Instructions show product can be installed in Masonry, Wood and Steel substrates as evidenced by Fastener Schedule sheet 2 of 7 and sheets 3 & 4 of 7 shows cross sections direct to masonry (if other than tested should be an Engineer's Evaluation method application)</p>	
13262	Response by Isaac Escorza						<p>1) Switch the application to Method 1 Option D (FL# 12140,FL # 13262)</p> <p>Evaluation Report by an Engineering firm with all pertinent information. See attached files indicating calculations for concrete and metal</p>	

							anchoring. (Certificate of Independence uploaded, signed/sealed hard copies of Evaluation and all supporting calculation submitted to Mr. Berman). For FL # 12140, FL # 13262, regarding inswing doory system, the evaluating engineer is comfortable with testing an inswing door as the most stringent test of the door, therefore the evaluation report would indicate both inswing and outswing conditions.	
13262	Recommendation by Administrator			d	d	d	<u>Recommend Deferral with condition of: Change method of application to evaluation report by FL PE. The evaluation report shall address attachment conditions, door</u>	

							<u>swing, water infiltration and cycling testing.</u>	
13271	Eastern Metal Supply	Shutters	Fabric Storm Panel	a	-	-	Recommend Approval	New
13271	Public Comment by Michael Murray						<p>With regard to Product Approval application FL 13271 with subsections FL13271.1 and FL13271.2. Specifications for the "Retention Clip Connector" are not listed in the Evaluation Report or Installation Instructions. There should at least be the basic mechanical properties of the resin.</p> <p>Fabric Specifications for the finish is shown as "Proprietary Water Based, UV Resin Coated" the specification should include the basic mechanical properties and composition. This storm shutter</p>	

							<p>makes use of a new innovation in fabric shutters, an unsewn and unreinforced load bearing edge. While this is desirable to lower production costs and ultimately benefits a class of consumer, it eliminates the inherent safety factor present in a sewn or reinforced edge and places more demand on the mechanical properties of the fabric. This product uses a two part clip/anchor connector device that is fastened to the raw fabric edge with a series of screws, in such a case as this, the load capacity of the clip/anchor fastener will be dependent on the strength of the bond between the resin coating and the fiber. There are</p>	
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							several industry standard tests for coated fabrics, one is ASTM D 751, this test is designed to determine the bond strength between the fiber and the coating. It is not evident from the information listed that this performance criteria has been evaluated and a minimum value established and included in the Product Approval. Resin coating type may also affect the smoke density requirements of the HVHZ.	
13271	Public Comment by Michael Murray (Cont.)						No information on porosity is shown in the fabric specification and no statement on porosity is evident in the "Structural Notes" section, this may affect how the product can be used per the Installation Instructions.	

							<p>Given that this product is held together with a series of screws and these screws are driven into plastic pocket, it seems some guidance should be given in the Installation Instructions as to the proper torque values for driving the screws per the tested samples. It is obvious that over tightening the screws will strip the plastic pocket affecting the load capacity of the screen.</p>	
13271	Response by John H. Kampman Jr.						<p>1. Specification for the “end retention clip” are listed as Rhodia Engineering Plastics Polyamide 66. This is, in fact, the same answer for the same question that was resolved for FL#11340 which was accepted and</p>	

						<p>approved. Furthermore, this application is a duplicate, under a different name, for FL#12573.</p> <p>2. There is no question here. Murray comments that the basic mechanical properties and composition “should be shown”, but offers no basis for why they should be shown. Mr. Murray is trying to compare the sewn edge of polypropylene to this fabric when in fact there is no comparison. Polypropylene is not safe without the sewn edge because of the open weave. This fabric does not compare to polypropylene. The basis for determining the structural stability</p>	
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							of this fabric was shown by passing all the required tests for the State of Florida. 3. The Fabric is Non Porous. 4. Torque screws until seated.	
13271	Recommendation by Administrator			c	c	c	We are in agreement with answers 1 and 2. The comment on the torque of screws is general and would apply to any product. <u>Recommend Conditional Approval with condition of: On installation instructions for product .2 indicate porosity.</u>	
Commentary by Administrator								
1008-R4	Georgia-Pacific Wood Products LLC	Structural Components	Engineered Lumber	a	-	-	Recommend Approval	Revision
1008-R4	Commentary by Administrator			d	d	d	Certificate contains rational analysis. Evaluation report has been done by a	

							non-approved evaluation entity. <u>Recommend Deferral</u>	
9103-R1	LP	Panel Walls	Soffits	a	-	-	<u>Recommend Approval</u>	Revision
9103-R1	Commentary by Administrator			d	d	d	Certificate contains rational analysis. Evaluation report has been done by a non-approved evaluation entity. <u>Recommend Deferral</u>	
9190-R1	LP	Panel Walls	Siding	a	-	-	<u>Recommend Approval</u>	Revision
9190-R1	Commentary by Administrator			d	d	d	Certificate contains rational analysis. Evaluation report has been done by a non-approved evaluation entity. <u>Recommend Deferral</u>	
4572-R3	Lincoln Wood Products, Inc. / Timeline Vinyl Products, Inc.	Windows	Horizontal Slider	a	-	-	<u>Recommend Approval</u>	Revision
4572-R3	Recommendation by Administrator			c	c	c	<u>Recommend Conditional Approval - Remove from application testing</u>	

							<u>standards not performed.</u>	
5265-R3	Therma-Tru Corporation	Exterior Doors	Sliding Exterior Door Assemblies	a	-	-	Recommend Approval	Revision
5265-R3	Recommendation by Administrator			c	c	c	<u>Recommend Conditional Approval - Remove from application testing standards not performed.</u>	
11571-R1	Windsor Windows and Doors	Exterior Doors	Sliding Exterior Door Assemblies	a	-	-	Recommend Approval	Revision
11571-R1	Recommendation by Administrator			c	c	c	<u>Recommend Conditional Approval - Remove from application testing standards not performed.</u>	
12442-R1	Pella Corporation	Exterior Doors	Sliding Exterior Door Assemblies	a	-	-	Recommend Approval	Revision
12442-R1	Recommendation by Administrator			c	c	c	<u>Recommend Conditional Approval - Remove from application testing standards not performed.</u>	

13182	Mid-America Door	Exterior Doors	Sectional Exterior Door Assemblies	a			Recommend Approval	New
13182	Recommendation by Administrator			c	c	c	<u>Recommend Conditional Approval - Remove from application testing standards not performed.</u>	
12922	Bemo USA	Roofing	Metal Roofing	a	-	-	Recommend Approval	New
12922	Recommendation by Administrator			c	c	c	Application was made under the 2004 FBC. This code is not in effect. <u>Recommend Conditional Approval with condition of revise application for compliance with the 2007 FBC.</u>	
13064	Vinyl Corp	Roofing	Roofing Accessories that are an Integral Part of the Roofing System	a	-	-	Recommend Approval	New
13064	Recommendation by Administrator			c	c	c	<u>Recommend Conditional Approval with condition of: On the installation</u>	

							<u>instruction remove the document link sections.</u>	
13268	PGT Industries	Windows	Single Hung	a	-	-	<u>Recommend Approval</u>	New
13268	Recommendation by Administrator			c	c	c	Referenced standard – field does not include reference standards for products 13268.12 and `368.13 which reference NAFS 2. <u>Recommend Conditional Approval with condition of: Add on .12 and .13 the testing standard for NAFS 2</u>	
7387-R1	Graystone Of Florida Inc.	Structural Components	Products Introduced as a Result of New Technology	a	-	-	<u>Recommend Approval</u>	Revision
7387-R1	Recommendation by Administrator			y	y	y	<u>Recommend Denial - Evaluation report is based on use of alternate materials. This approach is not allowed for statewide product approval</u>	