

FLORIDA BUILDING COMMISSION



FACILITATOR'S SUMMARY REPORT OF THE FEBRUARY 2, 2010 COMMISSION PLENARY SESSION TAMPA, FLORIDA

FACILITATION, MEETING AND PROCESS DESIGN BY



CONSENSUS CENTER

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



jblair@fsu.edu
[http:// consensus.fsu.edu](http://consensus.fsu.edu)

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FLORIDA BUILDING COMMISSION

SUPPLEMENT TO THE FEBRUARY 2, 2010 MINUTES

OVERVIEW OF COMMISSION'S KEY DECISIONS

TUESDAY, FEBRUARY 2, 2010

Welcome

Chairman Rodriguez welcomed the Commission, staff and the public to Tampa and the February 2010 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 February's meeting was to consider any additional recommendations to the 2010 Florida Legislature.

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, Hamid Bahadori, Bob Boyer, Ed Carson, Kiko Franco, Herminio Gonzalez, Jim Goodloe, Ken Gregory, Dale Greiner, Tony Grippa, Jeff Gross, Jon Hamrick, Scott Mollan, Nicholas Nicholson, Rafael Palacios, John Scherer, Jim Schock, Chris Schulte, Drew Smith, Tim Tolbert, and Mark Turner.

Absent:

Dick Browdy, Donald Dawkins, Jeff Stone, and Randall Vann.

DCA Staff Present

Suzanne Davis, Rick Dixon, Jim Hammers, Bruce Ketcham, Ila Jones, Mo Madani, 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, 20 - 0 in favor, to approve the agenda for the February 2, 2010 meeting as amended. Following are the key agenda items approved for consideration:

- To Consider Regular Procedural Issues: Agenda Approval and Approval of the December 9, 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 Fire, ~~Mechanical~~, 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: Accessibility Code, Energy Code, Flood Resistant Standards Workgroup, Green and Energy Efficient Roofs Subcommittee to Energy Code Workgroup, and Pool Efficiency Subcommittee to the Energy Code Workgroup.
- To Consider Commission Recommendations to the 2010 Florida Legislature.
- To Discuss Commission Effectiveness Assessment Survey Results.
- To Discuss Workplan Prioritization Exercise Results.
- To Discuss Commissioner Comments and Issues.
- To Receive Public Comment.
- To Review Committee Assignments and Issues for the Next Meeting—April 6 - 7, 2010 in Gainesville.

Amendments to the Agenda:

Remove Mechanical TAC report from agenda (note: TAC did not meet).

Review and Approval of the December 9, 2009 Minutes and Facilitator's Summary Report

Motion—The Commission voted unanimously, 20 - 0 in favor, to approve the December 9, 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 February 2010 are as follows:

Energy Code Workgroup

Rafael Palacios was appointed to the Florida Energy Code Workgroup.

Energy TAC

David Wojasac was appointed to replace Steve Bassett on the Energy TAC.

Fire TAC

Jon Hamrick appointed to the Fire TAC and rolled-off of the Roofing TAC.

Roofing TAC

Tim Tolbert was appointed to replace Jon Hamrick on the Roofing TAC.

Flood Resistant Standards Workgroup

Gary Brevoort was appointed to replace Tom Lanese on the Flood Resistant Standards Workgroup.

Green and Energy Efficient Roofs Subcommittee

Ralph Davis was appointed to replace Brad Weatherholz on Green and Energy Efficient Roofs Subcommittee to the Energy Code Workgroup.

Accessibility Code Workgroup

Scott Cannard was appointed to replace Steve Watson on the Accessibility Code Workgroup.

Special Occupancy TAC

Mark Boutin was appointed to replace Doug Melvin on the Special Occupancy TAC.

2. Commission Budget Committee

The Chair explained that the Commission's Budget Committee met on February 1, 2010 and provided the Commission with an overview of the budget and answered member's questions. The Chair noted that in addition to committee members there were numerous Commissioners present.

Motion—The Commission voted unanimously, 20 - 0 in favor, to approve the budget report as presented. (*Attachment 8—Commission Budget Report*)

3. Legislative Session Update Teleconference Calls

Chairman Rodriguez reported that as the Commission has done in past years regularly scheduled teleconference calls will be scheduled during this year's Legislative Session. The calls will commence on the first day of session, March 1, 2010, and will be noticed in the FAW as required. The teleconference calls will be an opportunity to receive updates from Jim and provide him with any needed guidance and recommendations on issues of interest/concern to the Commission. The teleconference schedule dates are as follows:

Monday, March 1, 2010 at 10:00 AM, Monday, March 15, 2010 at 10:00 AM, Monday, March 29, 2010 at 10:00 AM, Monday, April 12, 2010 at 10:00 AM, Monday, April 19, 2010 at 10:00 AM, and Monday, April 26, 2010 at 10:00 AM.

Motion—The Commission voted unanimously, 20 - 0 in favor, to approve the Teleconference meeting dates as proposed.

4. Legislative Issues Update

Jim Richmond provide the Commission with an update on pending 2010 legislative issues relevant and of interest to the Commission and answered member's questions. Jim reported that Commission's legislative recommendations and additional stakeholder issues are included in SB648.

5. April 2010 Commission Meeting Update

The Chair reported that the April 2010 Commission meeting in Gainesville will be conducted on April 6 and 7, 2010. The Plenary Session will be Wednesday, April 7, 2010. There will likely be a workgroup or committee meeting on the afternoon of Monday, April 5, 2010.

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, 20 - 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 5—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 7—Product and Entity Approval Report)

Consider Applications for Accreditor and Course Approval

Michael Clark 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, 18 – 0 in favor, to approve advanced course # 403.0.

Motion—The Commission voted unanimously, 18 – 0 in favor, to approve advanced course # 395.0.

Motion—The Commission voted unanimously, 19 – 0 in favor, to approve advanced course # 404.0.

Motion—The Commission voted unanimously, 19 – 0 in favor, to approve advanced course # 398.0.

Motion—The Commission voted unanimously, 19 – 0 in favor, to approve advanced course # 396.0.

Motion—The Commission voted unanimously, 19 – 0 in favor, to approve advanced course # 379.0.

(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-309 by Alan Plante of Orange County Division of Building Safety

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

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

Motion—The Commission voted 12 – 8 in favor, to approve the draft order on the petition.

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.

First Hearings

DCA09-DEC-322 by Jon Jungers, CEO of CDC Enterprises, Inc

Petition was withdrawn by the applicant.

DCA09-DEC-351 by Joseph Belcher, Code Consultant

Motion—The Commission voted 19 – 1 in favor, to approve the Code Administration TAC’s recommendation on the petition.

DCA09-DEC-375 by Tim Johnson of SnappBatt

Motion—The Commission voted 19 – 0 in favor, to approve the POC’s recommendation on the petition.

DCA09-DEC-410 by Frank Bennardo, P.E., of Engineering Express

The petition was dismissed.

DCA09-DEC-419 by Kenneth Gregory of Holland Pools

Motion—The Commission voted 15 – 5 in favor, to approve the TAC’s recommendation on Question 1 of the petition.

Motion—The Commission voted 20 – 0 in favor, to approve the TAC’s recommendation on Question 2 of the petition.

Motion—The Commission voted 20 – 0 in favor, to approve the TAC’s recommendation on Question 3 of the petition.

DCA09-DEC-420 by Kenneth Gregory of Holland Pools

The petition was withdrawn.

DCA09-DEC-411 by Manny Sanchez of Fenestration Testing Laboratory, Inc.

Motion—The Commission voted 20 – 0 in favor, to defer pending petitioner providing additional information to clarify the issues.

DCA10-DEC-001 by George Merlin of George Merlin Associations, Inc.

Motion—The Commission voted 20 – 0 in favor, to dismiss the petition for a lack of specific project facts and circumstances.

(Included as Attachment 6—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, 20 – 0 in favor to accept the report.

The Report may be viewed at the project webpage:

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

Education POC

Michael Clark 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 conduct a rule development workshop on Rule 9B-70.002, Education (regarding self affirmation by providers, for advanced courses requiring minor technical changes, instead of the currently required full accreditation process) at the April 2010 Commission meeting.

Commissioner Browdy noted during the December 2009 meeting that the rule development initiative is regarding allowing providers to make specific minor technical changes by self affirmation to approved courses without going through reaccreditation.

(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, 20 – 0 in favor to accept the report.

The Report may be viewed at the project webpage:

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

Fire TAC

Commissioner Goodloe presented the Committee's report and recommendations.

Commission Actions:

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

(See Commission Minutes for Committee Report)

Flood Resistant Standards Workgroup

Jeff Blair reported that the Commission adopted a package of consensus recommendations regarding incorporating flood provisions into the 2010 Florida Building Code. At the December meeting the Commission charged the Flood Resistant Standards Workgroup to evaluate and make recommendations to the Commission regarding outstanding issues including whether to seek authority to allow local variances to flood provisions if adopted in accordance with the provisions of 44 CFR 60. The Workgroup met on January 12, 2010 and has recommendations for the Commission. In addition, the Structural TAC reviewed the Workgroup's recommendations and voted unanimously in favor of the recommendations at their January 26, 2010 teleconference meeting. Jeff will review the Workgroup's/TAC's consensus recommendations with the Commission.

Commission Actions:

Motion—The Commission voted unanimously, 20 – 0 in favor to adopt the following additional flood resistant standards policy decisions for the Code, and to charge DCA staff to convey the revised flood resistant standards recommendations to the 2010 Florida Legislature:

- 1.) Seek statutory authority allowing local jurisdictions to issue variances/waivers via the locally adopted companion flood plain ordinance regarding flood provisions adopted in accordance with the provisions of 44 CFR 60.
- 2.) Revise policy #3 as follows: Allow local jurisdictions to adopt higher standards for flood resistance provision to address local concerns within the Code (~~based on local flood studies~~), to ensure local's ability to be eligible for the NFIP's Community Rating System.
- 3.) Support DEM's initiative to coordinate with affected agencies regarding addressing/handling inconsistencies between the CCL and V Zone requirements.

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/Flood-Resistant-Standards.html>

Product Approval POC

Commissioner Carson presented the Committee's report and recommendations.

Commission Actions:

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

Motion—The Commission voted unanimously, 20 – 0 in favor to initiate rule making on Rule 9B-72, Product Approval, for the purpose of adding two evaluation entities recommended for approval (NTA and Architectural Testing, Inc.) to the list of approved evaluation entities.

Motion—The Commission voted, 13 – 8 in favor, to convey to the 2010 Legislature that the Commission does not support the provisions of SB648 regarding 10 day approval for products submitted for product approval by the certification method (*Note: this motion failed for failure to achieve the 75% in favor for approval requirement*).

Motion—The Commission voted, 19 – 2 in favor, to convey to the 2010 Legislature that the Commission supports the provisions of SB648 regarding 10 day approval for products submitted for product approval by the certification method (certification mark or listing), and to request authority to adopt criteria through Rule 9B-72, product approval, regarding the Commission's final approval of products submitted for approval using the 10 day approval process.

(See Commission Minutes for Committee Report)

Special Occupancy TAC

Commissioner Hamrick presented the Committee's report and recommendations.

Commission Actions:

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

(See Commission Minutes for Committee Report)

Structural TAC

Commissioner Schock presented the Committee's report and recommendations.

Commission Actions:

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

(See Commission Minutes for Committee Report)

Pool Efficiency Subcommittee to the Energy Code Workgroup Report and Recommendations
 Jeff Blair reported on the Pool Efficiency Subcommittee to the Energy Code Workgroup's meeting and answered member's questions.

Commission Actions:

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

The Report may be viewed at the project webpage:

<http://consensus.fsu.edu/FBC/Pool-Efficiency.html>

Commission Effectiveness Assessment Survey Results

Chairman Rodriguez noted that each year the Commission conducts an Effectiveness Assessment Survey to gauge the Commission's perspective on a variety of issues. Over the years the survey input has been the basis for many enhancements to the Commission's procedures. Jeff Blair reviewed the results of the Annual Effectiveness Assessment Survey and answered member's questions.

(Included as Attachment 4—Assessment Survey Results)

Commission Workplan Prioritization Exercise Results

Jeff Blair reviewed the results for the 2010 Workplan Prioritization Exercise and answered member's questions. Commissioners were asked to rank each of the twenty (20) Workplan Tasks on a five point continuum/scale where a 5 equals the highest level of priority and a 1 equals the lowest level of priority. Members were asked to rank the priority of each topic independently and not in relation to the other topics. Each of the Workplan Task's rankings were tallied and arranged in order of highest priority (1) to lowest priority (20).

Respondents (20): Raul L. Rodriguez, AIA, (Chair), Hamid Bahadori, Bob Boyer, Dick Browdy (vice-chair), 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, Jeff Stone, Tim Tolbert, and Randall Vann.

Following are the results of the Commission's prioritization exercise for 2010:

| WORKPLAN PRIORITIZATION EXERCISE RESULTS | |
|---|------------------------|
| {Conducted February 2, 2010} | |
| WORKPLAN TASK (Task Number) | OVERALL RANKING |
| 2010 Update to FBC (5) | 1 |
| Report to 2011 Legislature (1) | 2 |
| 2010 FBC development process (4) | 3 |
| Glitch amendments to 2010 FBC (6) | 4 |
| Integration of Accessibility Law {DOJ SAD} into FBC (8) | 4 |
| Entrapment standards for existing pools (11) | 6 |
| Research for hurricane resistance Code enhancements (14, 15) | 6 |
| <ul style="list-style-type: none"> • window/water leakage • window/wall interface • soffit performance | |
| Develop list of evaluation entities for law, or develop criteria | 8 |

| | |
|--|----|
| for approving evaluation entities by rule (10) | |
| Develop plan to implement legislated energy efficiency increases (7) | 9 |
| Bedroom definition for septic tank sizing {DOH} (9) | 9 |
| Flood Resistant Standards in Code {DEM, FEMA} (18) | 9 |
| Corrosive gypsum board {DOH} (13) | 12 |
| Energy Code subtasks (7 a.-h.) | 13 |
| Soffit system labeling requirements and criteria (16) | 13 |
| Accessible restroom requirements for public pools {DOH} (12) | 15 |
| Resolution of CCCL & V Zone inconsistencies {DEM} (19) | 15 |
| Storefront & curtain wall glazing labeling (20) | 17 |
| Develop criteria for use of gravel roof systems (17) | 18 |
| In-home water recycling {DOH/DEP} (22) | 19 |
| Evaluate rainwater collection and use {DOH/DEP} (21) | 20 |
| | |

Commission Member Comment and Issues

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

Commission Member Comments:

None were offered.

General Public Comment

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

Public Comments:

Glenn: recommends that DCA should speak to the DOH regarding DOH’s reluctance to give up construction related requirements as has been done by other State agencies. Recommends that the construction regulations enforced by DOH should be enforced by the Commission through the Florida Building Code.

O’Conner: recommends that Rule 9B-72 should be amended to develop specific criteria of approving evaluation entities.

Staff Response: The Commission adopted a recommendation to the 2010 Legislature that if passed would eliminate the Commission’s authority to approve product approval evaluation entities, and all approved evaluation entities would be listed in law.

Adjourn

The Commission voted unanimously, 21 – 0 in favor, to adjourn the meeting at 12:03 PM.

ATTACHMENT 1

MEETING EVALUATION RESULTS

February 2 2010—Tampa, 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.

9.71 The background information was very useful.

9.65 The agenda packet was very useful.

9.71 The objectives for the meeting were stated at the outset.

9.71 Overall, the objectives of the meeting were fully achieved.

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

9.53 Accessibility Waiver Applications.

9.71 Approvals and Revocations of Products and Product Approval Entities.

9.65 Applications for Accreditor and Course Approval.

9.59 Legal Issues and Requests for Declaratory Statements.

9.76 Chairs Issues and Recommendations.

9.53 Commission's Workplan and Meeting Schedule Review and Update.

9.65 TAC and POC Reports and Recommendations.

9.65 Workgroup and Committee Reports and Recommendations.

9.81 Commission Recommendations to the 2010 Florida Legislature.

9.65 Commission Effectiveness Assessment Survey Results.

9.65 Workplan Prioritization Exercise Results.

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

9.94 The members followed the direction of the Facilitator.

9.94 The Facilitator made sure the concerns of all members were heard.

9.94 The Facilitator helped us arrange our time well.

9.88 Participant input was documented accurately in Meeting Notes and Facilitator's Report(s).

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

9.76 Overall, I am very satisfied with the meeting.

9.82 I was very satisfied with the services provided by the Facilitator.

9.76 I am satisfied with the outcome of the meeting.

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

9.65 I know what the next steps following this meeting will be.

9.65 I know who is responsible for the next steps.

6. What did you like best about the meeting?

- Well run.
- The product approval POC chairman was dressed appropriately.
- How issues were properly handled, even when I disagreed with the final vote on items.
- Audio was better at this meeting.
- Enjoyed the “fire drill” social hour.

7. How could the meeting have been improved?

- Can product approval be on a consent agenda instead of reading and voting on each one. Items can be pulled if public comments are requested.
- Have people that are speaking to speak with their mouth closer to the microphone.

8. Do you have any other comments?

- All POC chairmen should dress in proper attire.
- Have Carson coordinate luggage with airlines.
- I sometimes have a hard time hearing Jeff Blair (microphone problems).

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 February 2, 2010)

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 |
| April 5 & 6 |
| June 7 & 8 |
| August 9 & 10 |
| October 11 & 12 |
| December 6 & 7 |

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

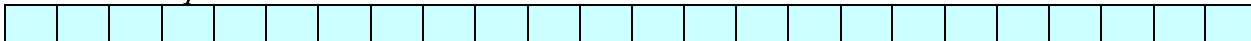
2. Workplan Prioritization

Schedule:

Survey sent to Commissioners 11/09
 Review results at meeting 1/10

Status: Pending

% Complete



100%

Origination: Commission. Annual task.

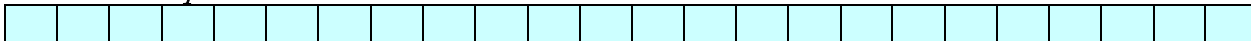
3. 2010 Commission Effectiveness Assessment Survey

Schedule:

Discussion of survey instrument at Commission meeting 12/09
 Review results at meeting 2/10

Status: Pending

% Complete



100 %

Origination: Commission. Annual task.

2010 FBC UPDATE DEVELOPMENT TASKS

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>) | | 12/6/09-1/20/10 |
| 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 (<i>By law- Code must be available for 6 months before implementation</i>) | | 12/31/11 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 1/20/10 changes for overlaps/conflicts

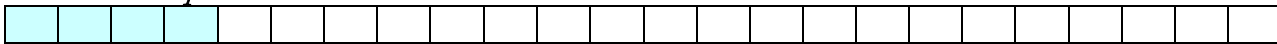
- Contractor reviews Building and Fire codes and reports 1/10
- Joint Fire TAC/FCAC meeting to develop recommended fixes 1/20/10
- Recommended correlation fixes posted to the web 2/1/10
- Fire TAC reviews proposed building code amendments for fixes 8/9-10/10

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

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

Status: Pending

% Complete



15%

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
- (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)*
- Rule development workshop *(April Commission meeting)* 4/5/11
- Rule adoption hearing *(June Commission meeting)* 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 *(Note: not subject to glitch proposal submittal deadline)* 1/11-2/11
- Proposal to adopt 2011 NEC submittal deadline 3/1/11
- Recommend whether to adopt as glitch *(August Commission meeting)* 4/5/11

Adoption per schedule above

Joint Fire TAC/Fire Code Advisory Council review of 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 –

- 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%

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

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

Schedule:

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

Status: Pending

% Complete



75%

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.

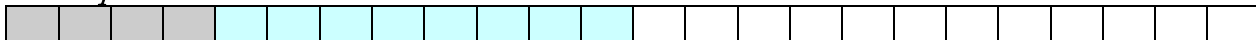
7e. Identify Specific Building Options to Achieve the Energy Efficiency Improvements (list identified in HB 697 and HB 7135)

Schedule: In Progress

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

Status: Pending

% Complete



50%

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 |
| | 2/1/10 |
| Proposals for 2010 FBC submitted for adoption (See 2010 FBC development schedule) | 3/10 |

Status: Pending

% Complete



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

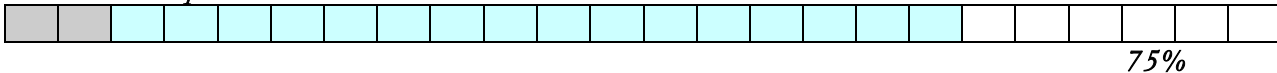
Subtask 45

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



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

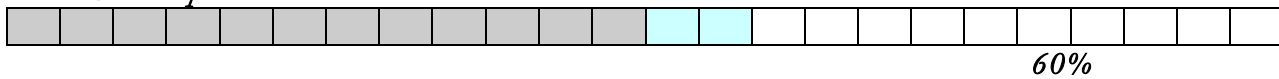
8. Develop Integration of Florida Accessibility Law into the 20?? Standards for Accessible Design (SAD) Being Adopted by the US Department of Justice

Schedule:

| | | |
|--|------|----------|
| Appoint work group | | 12/12/08 |
| Staff Developed Starting Draft | 1/09 | |
| Workgroup Meetings | | 2/2/09 |
| | | 4/6/09 |
| | | 6/9/09 |
| | | 8/10/09 |
| | | 10/12/09 |
| | | 12/7/09 |
| | | 2/1/10 |
| Staff Identify Changes to Law to Maintain Consistency with SAD | | 4/5/10 |
| 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

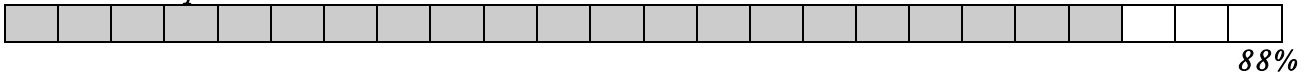
Schedule:

| | | |
|---------------------------------------|--|---------|
| 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.

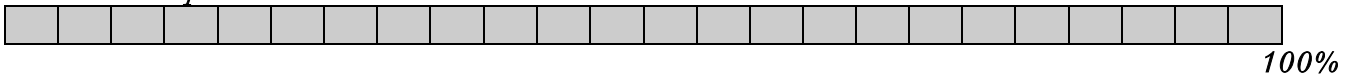
10. Develop Criteria for Evaluation Entity Approval and Adopt by Rule or Develop Recommendation for 2009 Legislature for Entities to be Recognized in Law

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 2009 bill that died

% Complete



| | |
|---|---------|
| 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 |
| Commission reiterated 2009 recommendation in report to 2010 Legislature | 2/1/10 |

Status: Working second option provided by law – recognize by rule

% Complete



100%

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.

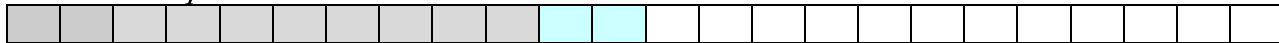
11. Evaluate Swimming Pool Entrapment Standards Application to Existing Pools

Schedule:

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

Status: Pending

% Complete



50%

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

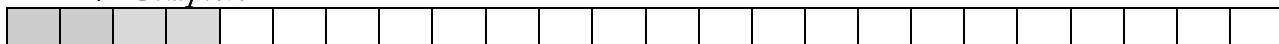
Project Deferred to 2010 FBC Development Process

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



20%

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

13. Evaluation of Standards to Address Corrosive Gypsum Board Outgassing

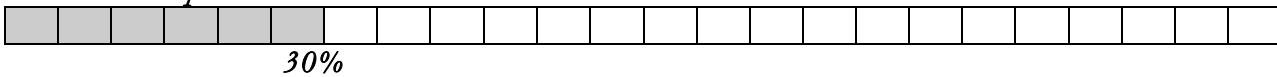
Schedule:

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



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



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.

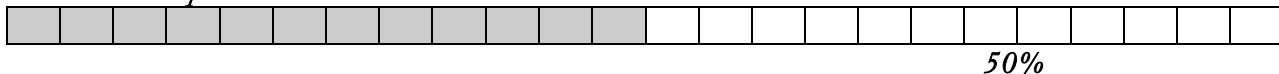
16. Evaluate Hurricane Wind Pressure and Wind Driven Rain Criteria for Soffit Systems and Establish Labeling Requirements

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

Status: *Pending*

% Complete



90%

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.

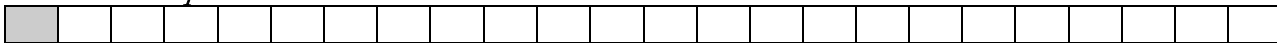
20. Evaluate Storefront and Curtain Wall Glazing Labeling for the 2010 Florida Building Code

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 | 3/10 |
| (See 2010 FBC development schedule) | |

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)

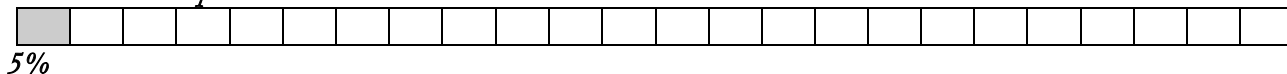
Origination: This task was originated based on overtures by the Florida Department of Health and Florida Department of Environmental Protection. It was first addressed for the 2007 FBC and resulted in the inclusion of the Florida Department of Health requirements for within home grey water capture and 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

COMMISSION 2010 EFFECTIVENESS ASSESSMENT SURVEY RESULTS

Respondents (21): Raul L. Rodriguez, AIA, (Chair), Hamid Bahadori, Bob Boyer, Ed Carson, Dick Browdy (vice-chair), 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, Jeff Stone, Tim Tolbert, and Randall Vann.

Commissioners were asked to circle the number that best describes how the Commission functions on each of the following scales: Scale Range 10 - 1 (10 highest rating to 1 lowest rating)

Decision Making Process

Average: 9.8

Commission uses process to effectively build a broad-based consensus.

Commission uses process to make a majority decision without a consensus of members.

| 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|----|---|---|---|---|---|---|---|---|---|
| 16 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Comments:

- Consensus approach is essential for FBC's process and progress.
- Jeff Blair keeps everyone on track to accomplish this.
- Staff, Facilitator, and Chairman make consensus-building the highest priority. Public and Commissioners are given ample opportunities to present and debate points of view.
- This is the most important reason we can get so much done.
- Our absolute foundation.
- It may be beneficial for the Chairman to re-emphasize the importance of the consensus process with respect to the fact that not all are satisfied, but overall, it is the best choice. Not sure that understanding is prevalent throughout the Commission.
- The issue of cost control has made it difficult to get involved in other areas beyond your assigned TACs.
- I believe this is one of our strongest points as a Commission.

Participation and Communication **Average: 9.3**

Communications are respectful, balanced and points are clearly understood.

Some members dominate. Limited listening and understanding.

| | | | | | | | | | |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| 12 | 6 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |

Comments:

- The Chairman keeps this at a high level
- Excellent job by the facilitator and exceptional leadership by the Chair to ensure open participation and vetting of the issues before critical votes.
- Commission is much more balanced than in the past. Facilitator does a good job of recognizing participant requests, keeping order, and keeping discussions on-point.
- Essential for participation and handled very professionally by all.
- The communications are generally respectful and balanced but as with any group there are occasional discussion monopolizers.

Commission Relationship to Agency (DCA) **Average: 8.8**

Commission has developed effective working relationship and communication with Agency.

Commission has not developed effective working relationship and communication with Agency.

| | | | | | | | | | |
|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| 11 | 4 | 0 | 3 | 3 | 0 | 0 | 0 | 0 | 0 |

Comments:

- The agency is incredibly supportive and understanding of the Commission.
- Senior commissioners keep this highly effective.
- A magnificent symbiosis
- Support from DCA is outstanding.
- In the past there has been closer communication between Commission and DCA Secretary.
- I believe we have a very good relationship with the staff, but I am not too aware of much of a relationship with the agency.

Commission Relationship to Staff

Average: 9.5

Commission has developed effective working relationship and communication with staff.

Commission has not developed effective working relationship and communication with staff.

| 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|----|---|---|---|---|---|---|---|---|---|
| 16 | 2 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |

Comments:

- In the face of budget cuts, staff has worked longer and harder to minimize the impact on the public and industry most affected by the Commission.
- Very supportive and focused on the needs of the Commission, especially considering the economic situation.
- Rick Dixon and Mo Madani are why this works so well.
- An excellent working relationship.
- Staff works hard to present facts to the public and Commissioners timely and in their entirety.
- Excellent and very hard working staff.
- I always feel that the Commission has good communication with the staff.

Time for Consideration

Average: 8.6

Adequate time for presentation, generating options, analysis and decision making.

Snap decisions are made or decisions are deferred because of lack of time.

| 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|----|---|---|---|---|---|---|---|---|---|
| 9 | 3 | 4 | 4 | 0 | 0 | 1 | 0 | 0 | 0 |

Comments:

- Consensus building takes time however in the long run saves time because it results in buy-in by the stakeholders.
- This area is a two way street and the Commissioners are required to be up to speed on the issues in order to keep up with staff. Considering that staff is working on the issues all the time, the Commissioners need to take the time to consider/review all the information/data provided and be prepared.
- Some issues could use a little bit more background information to formulate decisions.
- The Chairman is very good about giving speakers adequate time.
- I think the time allotment is fair and respected by all participants
- Occasionally issues "pop-up" during or just prior to meetings whereby the ability to research the issue is limited for participants.
- Sometimes too much time.
- For the most part we have adequate time, but there are times when I feel pressured to make a decision because of a full meeting.

Information and Analysis

Average: 8.7

Critical background and assessment of options yield politically and practically feasible decisions.

Too little or too much, or hard to use information on the situation, options & impacts yield hard to implement decisions.

| 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|----|---|---|---|---|---|---|---|---|---|
| 6 | 9 | 4 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |

Comments:

- On rare occasions there are other options to consider but for the most part, all avenues are considered.
- While at times we may think that were getting too-much background information it really does help us to make timely decision
- Sometimes politics get in the way but by and large we handle it well...diplomatically but generally we are not walked on.
- Staff does a commendable job with the preparation of supporting documentation.
- For the most part these are presented but I believe that sometimes the staff has a little too much on its plate and is therefore a little short on the background information.

Process/Meeting Facilitation

Average: 9.5

Facilitation provides a positive impact on meeting efficiency, and consensus-building for the Commission and its committees.

Facilitation obstructs the efficiency of the meeting process, and negatively impacts consensus-building for the Commission and its committees.

| 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|----|---|---|---|---|---|---|---|---|---|
| 16 | 2 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 |

Comments:

- We have a great facilitator who is not only in command of the process but has an excellent understanding of the issues.
- Jeff does a great job at keeping everyone focused and on track, Thanks
- Jeff Blair does an excellent job at this.
- The Blair project is a 100% success.
- Absolute necessity.
- Facilitation is essential to moving meetings along and allowing for considering all views.
- Jeff Blair is doing an outstanding job. Without him our meeting will extend extra days costing more.

WHAT ARE THE KEY TASKS AND/OR UNRESOLVED SUBSTANTIVE ISSUES THAT NEED TO BE ADDRESSED BY THE COMMISSION DURING 2010?

Energy Issues

- Energy Code enhancements
 - Energy--Code development process--Integration with ICC--Sustainable issues to include grey water, rain water.
 - Strategic Planning for Florida Energy Standards & Energy Efficiency.
 - Continue laying the groundwork regarding code requirements for "green" building.
 - Implement legislative efficiency increases in the 2010 FBC.
- Key areas of concern remain in energy issues.

Code Issues

- 2010 Florida Building Code adoption
- Printing and publication of the 2010 FBC.
- Streamline the process.
- Documentation/identification of Florida-specific conditions underlying Florida-specific provisions of Florida Building Code.
- Developing an adoption cycle that can relatively be adhered to during the code development cycle.
- 2010 Update to the Florida Building Code.
- Continue to find ways to educate all involved parties relating to the FBC & the FBC update process. Too many folks want to make major changes to the code at the 11th hour.
- Continue updating code improvements based on education/learning experiences from past hurricane damage.
- Continue dialog with the IBC regarding Florida's opinions/concerns on code issues.
- Work on providing Legislature with existing FBC code requirements, language, etc., that is obsolete and would require legislative changes to implement.
- Key areas of concern remain in life safety issues.
- Key areas of concern remain in accessibility issues.
- Continue to work on the next new code. I hope we are able to really limit the changes to the "I" code to those that are really "Florida" specific.

Commission Project Issues

- Key areas of concern remain in hurricane related issues.
- The Commission needs to investigate the possibility of septic tank permitting and inspections through local building inspection departments. As it is now project delays and increased cost are common.
- Bedroom definition needs to move forward...get the silly speculation and conspiracy theorists of the DOH to use logic and stop with all the silly childish attitudes that society is out to cheat them...think with our heads and stop looking for a crook around every corner...If you can't out muscle someone out think him...Dick Browdy is on the correct path.
- We need to address existing pools and make them safe. We have always known that single direct suction pools pose the greatest risk. Why can we not move forward?

Administrative/Logistical Issues/Legislative

- Monitoring and reporting of Commission expenditures and revenues.
- I agree with both the pace and the issues of the approved Workplan for 2010.
- Legislative report.

WHAT WOULD YOU LIKE THE COMMISSION TO HAVE ACCOMPLISHED WITHIN THE NEXT FIVE (5) TO TEN (10) YEARS?

Consensus-Building Role and Collaboration

- Commission should continue in its efforts to provide a forum where technical issues are discussed until stakeholders arrive at consensus. It results in better legislation.

Energy Efficiency and Green Building

- Get a handle on energy and sustainability issues.
- The Commission must plan for new technologies (green/greater energy efficiency) that will inevitably spring up once the industry begins to move forward. Code framework for these "new technologies" should commence & continue to be refined as information becomes available within these new industries.

Code Development and Code Provisions

- More streamlined code adoption process.
- Better coordination with the Florida Fire Prevention Code.
- Effective state-wide uniform code enforcement based on an understanding, appreciation and respect for the FBC code promulgation process.
- Reduce Florida specific requirements and reformat the code and have a stand alone addendum book for Florida specific requirements.
- To fully integrate into the ICC Code. BUT! with the understanding we will always have Florida specific items that must be addressed. AND we should never give up that right to modify the ICC Code or NEC Electrical Code.
- Working to get the real Florida specific changes into the base code(ICC) so that we may be able to move toward one code with few Florida specific changes. We need to encourage everyone (industry and code officials) to submit changes to the ICC and work their process as well. In these economic time we must streamline the process.
- Fuller integration of International Code in Florida Building Code.
- Development of Code Commentary reflecting reasons for Florida-specific provisions and Declaratory Statements.
- Convince the Legislature so the statute is changed so that instead of issuing a complete building code we either: 1. use the IBC with a Florida addendum; or 2. highlight in our code where we differ from the IBC. Similarly with Energy & ASHRAE
- Code amendments kept to a minimum.
- Faster code adoption.
- Just stay on this path...Follow the lead of the IBC and don't waiver...continue with our Florida specific amendments and get rid of the ones that aren't Florida specific.
- Further simplify FBC code updating required by law.
- Maintain the FBC as a Florida Code. Use the FBC as a base to keep writing the next cycle code.
- The Building Commission MUST become more involved with the ICC in an attempt to bring the two codes closer together. Too many "Florida specific" issue remain within the text of the FBC & the

correlation of the two codes during code change cycles remains difficult. If we truly believe we have cause for Florida specific items in the FBC, the ICC should listen to the reasons "why" they have been implemented.

- Currently the FBC is the equivalent of the HVHZ of the IBC. There has been much displeasure voiced by many folks saying the FBC is actually two codes...the HVHZ & the FBC...Currently the FBC and the IBC share the same relationship. It has always been my goal to unify the FBC & the HVHZ based on wind speed/uplift/pressures rather than the politics that separate them. Wind is wind...it knows no county lines...why can't we build a structure in Pasco County the same as in Dade as long as each structure is designed for the loads that can be expected in its respective wind zone? Couldn't the FBC & the IBC move in the same direction?

Code Enforcement and Compliance

- Revise laws to eliminate the need for access waivers for the routine issues that go before the Accessibility Advisory Council.

Administrative/Financial/Education

- Detailed monitoring and reporting of Commission expenses by function, program and service areas.
- Charge Building Inspection Departments for using the State Product Approval system.
- The economy will rebound & the Commission's workload will increase. In the short-term the Commission must act like any business operating within the current economic environment & continue to "think outside the box" to improve policies, procedures, and fine tuning the code. When the economy turns, the Commission should be positioned to act swiftly as the building industry ramps up.
- The Commission should continue to work toward finding creative ways to bridge the gap between those involved with creating and updating building code requirements with those utilizing the end product. A large gap still remains between the requirements of the FBC, those who design, those who inspect, and those who perform the work. The "Codes Quarterly" was a step in the right direction that appears to have been eliminated due to budgetary constraints. I would like to see this publication back in print as soon as the budget allows because it did provide the type of information exchange that is necessary for the successful communication of "what's new" on the code front.
- I think we are on the right track. It would be nice to figure out how to have a little more control of our own destiny regarding funding and the related consequences we have seen to our Workplan.

Product Approval

- Uphold the original levels of oversight built into the Product Approval System, and not allow them to be waived, reduced or overwritten.

Additional Workplan Tasks Proposed by Commissioners

- Minimize Florida specific code requirements and reformat the code to provide Florida specific requirements into a separate document.
- Look at the possibility of action or recommendation from the Commission to incorporate septic tank inspections through local building inspection departments. There's constant problems with septic permits through the local department of health related to project delays and cost. This will clearly be a contentious item but the building industry needs an improvement in this area.
- Clear language of exemptions found in 102.2.5 of the Florida Building Code. This could maybe cleared up through a declaratory statement?
- Address enforcement of code requirements for roof and exterior mounted HVAC equipment to meet wind loads.

ATTACHMENT 5

ACCESSIBILITY WAIVER SUMMARY

Waivers from Accessibility Code Requirements—February 2, 2010

1. Pine Creek Sporting Club

Issue: The applicant is 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 \$56,000. The applicant did not claim disproportionate cost; however, the club maintains the law was never intended to include an auxiliary feature of this limited nature in a rustic environment.

Action: The Council recommended denial; however, the Commission deferred action on the application to allow the applicant to provide additional information.

2. The Pink House

Issue: 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. Note: No plans were submitted, nor is there documentation of the historic nature of the building.

Action: Action on the application was deferred at the request of the applicant, who could not attend the meeting.

3. Adventist Health Systems Headquarters

Issue: The applicant requested a waiver from providing vertical accessibility to all rows of seats in a new, 155,903 square foot corporate facility costing \$30,000,000. The project contains a 111 seat stadium style auditorium which provides wheelchair seating locations on the bottom and top rows of seats. Five required seating locations are provided; however, they are placed on the ends of the rows and not all required companion seating is planned. Sight lines in the facility range from 15 to 30 degrees.

Action: The waiver was granted, provided one accessible seating location is moved to the front of the theater and companion seats, rather than accessible ones, are located on the ends of the rows.

4. Latitude 30 Degrees

Issue: 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.

Action: The waiver was granted due to hardship, provided seats on the back row are removable.

5. Xixon Café Restaurant

Issue: The applicant requested a waiver from providing vertical accessibility to a 502 square foot sunken dining area and a 707 square foot elevated dining area in a restaurant that also has 936 square feet of accessible dining at grade. The restaurant is undergoing a \$63,289 renovation and according to the applicant, it is both technically infeasible and disproportionately expensive to make all levels of the restaurant accessible. To access the raised and lower levels by ramp would reduce the number of seats available, jeopardizing the restaurant's liquor license. Estimates of \$31,629 and \$40,365 to install lifts were submitted.

Action: Action on the application was deferred to allow the applicant to clarify additional information.

6. K-8 School EE

Issue: The applicant requested a waiver from providing vertical accessibility to all rows of seats in an auditorium with a seating capacity of 500. The floors are sloped 1:12 and eight wheelchair accessible seating locations have been provided. These locations are located on the front and back rows of the auditorium and appropriate companion seats are available; however, the front row locations are on the ends of the rows. The teaching auditorium has 134 seats with four wheelchair locations on the first row. Five seats are required by code. Project cost is estimated to be \$6,800,000; however, cost to provide vertical accessibility is not the issue, but rather technical infeasibility.

Action: Action on the application was deferred to allow the applicant to submit further information regarding access to the stage.

7. Hernando High School EEE

Issue: The applicant requested a waiver from providing vertical accessibility to seating in campus locations.

1. Gymnasium: The retractable bleacher system in the gymnasium contains 1,372 seats, of which 20 wheelchair seating areas are provided and does not appear to also provide all required companion seats. Additionally, some wheelchair locations are on the ends of the rows.
2. Both the baseball and softball fields have bleachers with seating for 100 per side. Two accessible spaces on each side are identified; however, the code requires 4.
3. The football field ;provide 1,592 seats on the home side with 16 accessible seats and 1,060 on the companion side with 14 accessible spaces.

Action: Action on the application was deferred to allow the applicant to provide further information.

8. City of Miami College of Policing

Issue: The applicant requested a waiver from providing vertical accessibility to a new, 200 seat auditorium in a joint partnership facility owned by the City of Miami Police Department and the Miami-Dade School Board. It is a combined police training academy and a 468 student magnet school. Seating in the auditorium is provided at the front and law rows; however, the accessible seats on the top row are located on the ends. The overall project will cost \$35,400,000 and no cost estimates were submitted with respect to making the auditorium fully accessible.

Action: Action on the application was deferred to allow the applicant to clarify further information.

9. Park Lido Hotel

Issue: The applicant requested a waiver from providing vertical accessibility to the first floor of an existing 36 room hotel located in a historic district. The first floor is accessed by stairs from the lobby area. Eighteen rooms on the second floor are accessed by an existing elevator which does not serve the first floor. According to the applicant, the building owner would prefer making all levels accessible, but doing so would entail extensive modifications, which would damage the historic significance of the structure. Cost is not an issue, rather the inability to comply within structural confines of the building.

Action: The waiver was granted for access to the first floor guest rooms. It is unnecessary since accessible rooms are available via elevator on the second floor.

ATTACHMENT 6

LEGAL REPORT

Second Hearing – February 2, 2010

Commission Action: Approved

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.

Commission Action: No Action, petition withdrawn

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

Commission Action: Approved

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).

First Hearing – February 2, 2010 – Legal Report

Commission Action: No action, petition withdrawn

DCA09-DEC-322 by Jon Jungers, of CDC Enterprises, Inc.

Commission Action: Approved

DCA09-DEC-351 by **Joseph Belcher, Code Consultant**

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.

Commission Action: Approved

DCA09-DEC-375 by **Tim Johnson of SnappBatt**

Question #1: Does the product in question fall out side the scope of Rule 9B-72?

Answer: Yes. Rule 9B-72 is limited in scope to those products that are covered by the provisions of the Code through performance or prescriptive standards. The FBC has no specific provisions for the product in question.

Question #2: Are there requirements for product approval as related to the use of the product in question?

Answer: Yes. Although the product in question falls outside the scope of Rule 9B-72, approval of such product is subject to review and approval by the local authority having jurisdiction.

Commission Action: Dismissed

DCA09-DEC-410 by **Frank Bennardo, P.E., of Engineering Express**

Commission Action: Approved

DCA09-DEC-419 by **Kenneth Gregory of Holland Pools (amendment)**

Question #1: Does Florida Building Code 1004.1.1 Areas Without Fixed Seating apply to an outdoor public swimming pool for the purpose of determining occupancy load as per Table 1004.1.1? Then applying 1008.1.9 Panic and Fire Exit Hardware to

require panic hardware on the required gates, in addition to the barrier requirements in 64E-9 and 424.1.3.1.9.

Answer: Yes. In addition to meeting the requirements of Section 424.1.3.1.9, the project in question falls under Assembly Group A Occupancy and is subject to the requirements of Chapter 10, Means of Egress, including Table 1004.1.1, 1008.2 and 1008.1.9 as applicable.
(Vote: Fire TAC 5/3, Special Occupancy TAC 4/4)

Question #2: Does Florida Building Code 1004.1.1 Areas Without Fixed Seating apply to an outdoor public swimming pool for the purpose of deeming occupancy load as per Table 1004.1.1? Then using this section to require additional sanitary facilities required for this load in addition to the facilities required by 64E-9 and 424.1.6?

Answer: No. Plumbing fixture count for the pool and the open deck area is subject to the requirements of Section 403.8 of the FBC, Plumbing.

Question #3: Does the Florida Building Code requirement for Sanitary Facilities for the Clubhouse/Cabana-bath need to be added to the ones required for by the pool?

Answer: No. The project in question consists of two separate facilities which can be either treated independently or together with regard to the required fixture count.

Commission Action: No action, petition withdrawn

DCA09-DEC-420 by Kenneth Gregory of Holland Pools

Commission Action: Defer

DCA09-DEC-411 by Manny Sanchez of Fenestration Testing Laboratory, Inc.

Question #1: We need clarification from the committee of the intent of this section. Our interpretation is that window manufacturer is to test three samples in size, configuration and glazing?

Answer: Yes. According to Section 1714.6 a minimum of three specimens/samples must be tested for the product in question.

Question #2: As the testing laboratory agency for the State are we correct in making such determination as to what was tested is ample or not and is in compliance.

Answer: Yes. According to Rule 9B-72.010, it is the responsibility of the approved test lab to test a product in accordance with the applicable testing standards referenced in the Code including any specific modification by the Code to such standard.

Commission Action: Dismissed

DCA10-DEC-001 by George Merlin of George Merlin Associations, Inc.

ATTACHMENT 7
PRODUCT AND ENTITY APPROVAL REPORT

| ID | Manufacturer | Category | Subcategory | TBA | POC | FBC | Comments | Stat. |
|--|---|-----------------|-----------------------------------|------------|------------|------------|--------------------|--------------|
| Certification Method - FBC Voted Approval | | | | | | | | |
| 107-R4 | Simonton Windows | Windows | Casement | a | a | a | Recommend Approval | Revision |
| 330-R6 | PGT Industries | Windows | Casement | a | a | a | Recommend Approval | Revision |
| 331-R6 | PGT Industries | Exterior Doors | Swinging Exterior Door Assemblies | a | a | a | Recommend Approval | Revision |
| 1844-R5 | PGT Industries | Windows | Horizontal Slider | a | a | a | Recommend Approval | Revision |
| 2769-R6 | PGT Industries | Windows | Single Hung | a | a | a | Recommend Approval | Revision |
| 2863-R3 | Kinro, Inc | Windows | Single Hung | a | a | a | Recommend Approval | Revision |
| 4809-R3 | Marvin Windows and Doors | Exterior Doors | Swinging Exterior Door Assemblies | a | a | a | Recommend Approval | Revision |
| 5012-R4 | PGT Industries | Windows | Fixed | a | a | a | Recommend Approval | Revision |
| 5177-R4 | Simonton Windows | Windows | Fixed | a | a | a | Recommend Approval | Revision |
| 5179-R3 | Simonton Windows | Windows | Horizontal Slider | a | a | a | Recommend Approval | Revision |
| 5545-R2 | Marvin Windows and Doors | Windows | Double Hung | a | a | a | Recommend Approval | Revision |
| 6393-R2 | VELUX America Inc. | Sky Lights | Skylight | a | a | a | Recommend Approval | Revision |
| 6642-R4 | Lincoln Wood Products, Inc. / Timeline Vinyl Products, Inc. | Windows | Fixed | a | a | a | Recommend Approval | Revision |
| 6694-R5 | Pella Corporation | Windows | Fixed | a | a | a | Recommend Approval | Revision |
| 6789-R2 | Gardner-Gibson INC. | Roofing | Cements-Adhesives-Coatings | a | a | a | Recommend Approval | Revision |

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| 6790 | American Weatherstar | Roofing | Cements- Adhesives- Coatings | a | a | a | Recommend Approval | New |
| 6876-R4 | Greenheck Fan Corporation | Panel Walls | Wall Louver | a | a | a | Recommend Approval | Revision |
| 7160-R3 | Thermo Green Windows LLC | Windows | Double Hung | a | a | a | Recommend Approval | Revision |
| 7167-R2 | Thermo Green Windows LLC | Windows | Double Hung | a | a | a | Recommend Approval | Revision |
| 7461-R4 | Lincoln Wood Products, Inc. / Timeline Vinyl Products, Inc. | Windows | Casement | a | a | a | Recommend Approval | Revision |
| 7556-R1 | ITW Buildex | Structural Components | Anchors | a | a | a | Recommend Approval | Revision |
| 7992-R2 | Thermo Green Windows LLC | Windows | Horizontal Slider | a | a | a | Recommend Approval | Revision |
| 8208-R4 | PGT Industries | Exterior Doors | Sliding Exterior Door Assemblies | a | a | a | Recommend Approval | Revision |
| 8338-R1 | Lawson Industries | Exterior Doors | Sliding Exterior Door Assemblies | a | a | a | Recommend Approval | Revision |
| 9711-R1 | American Skylites | Sky Lights | Skylight | a | a | a | Recommend Approval | Revision |
| 10350-R3 | MI Windows and Doors | Windows | Single Hung | a | a | a | Recommend Approval | Revision |
| 10692-R2 | JELD-WEN | Windows | Fixed | a | a | a | Recommend Approval | Revision |
| 10976-R1 | JELD-WEN | Exterior Doors | Sliding Exterior Door Assemblies | a | a | a | Recommend Approval | Revision |
| 11373-R2 | MI Windows and Doors | Windows | Double Hung | a | a | a | Recommend Approval | Revision |
| 11570-R1 | Windsor Windows and Doors | Windows | Fixed | a | a | a | Recommend Approval | Revision |
| 11646-R2 | Atrium Companies Inc. | Exterior Doors | Sliding Exterior Door | a | a | a | Recommend Approval | Revision |

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| | | | Assemblies | | | | | |
| 11825-R3 | MI Windows and Doors | Windows | Fixed | a | a | a | Recommend Approval | Revision |
| 11827-R3 | MI Windows and Doors | Windows | Single Hung | a | a | a | Recommend Approval | Revision |
| 11834-R3 | Atrium Companies Inc. | Windows | Single Hung | a | a | a | Recommend Approval | Revision |
| 11878-R1 | Weather Shield Mfg., Inc. | Windows | Fixed | a | a | a | Recommend Approval | Editorial Change |
| 11206-R4 | Pella Corporation | Windows | Single Hung | a | a | a | Recommend Approval | Revision |
| 12146-R1 | Atlantic Vinyl Windows and Doors, inc. | Windows | Double Hung | a | a | a | Recommend Approval | Revision |
| 12250-R3 | MI Windows and Doors | Windows | Single Hung | a | a | a | Recommend Approval | Revision |
| 12349-R1 | Thermo Green Windows LLC | Windows | Fixed | a | a | a | Recommend Approval | Revision |
| 12603-R1 | Pella Corporation | Windows | Fixed | a | a | a | Recommend Approval | Revision |
| 12606-R1 | Pella Corporation | Exterior Doors | Sliding Exterior Door Assemblies | a | a | a | Recommend Approval | Revision |
| 12676 | Thermal Windows Inc. | Windows | Horizontal Slider | a | a | a | Recommend Approval | New |
| 12796-R1 | JELD-WEN | Exterior Doors | Sliding Exterior Door Assemblies | a | a | a | Recommend Approval | Revision |
| 12951 | McElroy Metal, Inc. | Panel Walls | Siding | a | a | a | Recommend Approval | New |
| 13294 | Shwinco Industries Inc. | Windows | Fixed | a | a | a | Recommend Approval | New |
| 13322 | Gorell Enterprises Inc. | Windows | Double Hung | a | a | a | Recommend Approval | New |
| 13328 | ITW Buildex | Structural Components | Anchors | a | a | a | Recommend Approval | New |
| 13329 | Resiver Patio Doors | Exterior Doors | Sliding Exterior Door Assemblies | a | a | a | Recommend Approval | New |
| 13349 | MI Windows and Doors | Windows | Horizontal Slider | a | a | a | Recommend Approval | New |
| 13350 | MI Windows and Doors | Windows | Fixed | a | a | a | Recommend Approval | New |

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| 13367 | MI Windows and Doors | Windows | Fixed | a | a | a | Recommend Approval | New |
| 13376 | JELD-WEN | Exterior Doors | Swinging Exterior Door Assemblies | a | a | a | Recommend Approval | New |
| 13413 | Energy Saving Window & Doors, Inc. | Windows | Double Hung | a | a | a | Recommend Approval | New |
| 13432 | EFCO Corporation | Windows | Horizontal Slider | a | a | a | Recommend Approval | New |
| Evaluation by Engineer/Architect - FBC Voted Approval | | | | | | | | |
| 742-R4 | Overhead Door Corporation | Exterior Doors | Roll-Up Exterior Door Assemblies | a | a | a | Recommend Approval | Revision |
| 1350-R2 | Arxx Building Products | Structural Components | Insulation Form Systems | a | a | a | Recommend Approval | Revision |
| 1654-R6 | POLYGLASS USA | Roofing | Modified Bitumen Roof System | a | a | a | Recommend Approval | Revision |
| 1800-R4 | ADCO Products, Inc. | Roofing | Cements-Adhesives-Coatings | a | a | a | Recommend Approval | Revision |
| 2948-R4 | Johns Manville | Roofing | Modified Bitumen Roof System | a | a | a | Recommend Approval | Revision |
| 3227-R7 | Wayne-Dalton, a division of Overhead Door Corporation | Shutters | Storm Panels | a | a | a | Recommend Approval | Revision |
| 3619-R2 | American PolySteel, LLC | Structural Components | Insulation Form Systems | a | a | a | Recommend Approval | Revision |
| 3859-R1 | ThermaSteel Corporation | Structural Components | Structural Wall | a | a | a | Recommend Approval | Revision |
| 5259-R8 | POLYGLASS USA | Roofing | Underlayments | a | a | a | Recommend Approval | Revision |

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| 5675-R3 | Clopay Building Products Company | Exterior Doors | Sectional Exterior Door Assemblies | a | a | a | Recommend Approval | Revision |
| 7271-R1 | UNION CORRUGATING COMPANY | Roofing | Metal Roofing | a | a | a | Recommend Approval | Revision |
| 7409 | InSpire Roofing Products | Roofing | Roofing Tiles | a | a | a | Recommend Approval | New |
| 8134-R4 | Alside Window Company | Windows | Double Hung | a | a | a | Recommend Approval | Revision |
| 9625-R3 | Gentek Building Products | Windows | Double Hung | a | a | a | Recommend Approval | Revision |
| 9627-R3 | Revere Building Products | Windows | Double Hung | a | a | a | Recommend Approval | Revision |
| 9759-R2 | Decra Roofing Systems, Inc. | Roofing | Metal Roofing | a | a | a | Recommend Approval | Revision |
| 9834-R3 | Alside Window Company | Windows | Fixed | a | a | a | Recommend Approval | Revision |
| 9875-R1 | Special-Lite, Inc. | Exterior Doors | Swinging Exterior Door Assemblies | a | a | a | Recommend Approval | Revision |
| 9886-R3 | Gentek Building Products | Windows | Fixed | a | a | a | Recommend Approval | Revision |
| 9890-R3 | Revere Building Products | Windows | Fixed | a | a | a | Recommend Approval | Revision |
| 9909-R3 | Associated Materials Inc. | Windows | Fixed | a | a | a | Recommend Approval | Revision |
| 9930-R2 | Johns Manville | Roofing | Single Ply Roof Systems | a | a | a | Recommend Approval | Revision |
| 10291-R2 | POLYGLASS USA | Roofing | Cements-Adhesives-Coatings | a | a | a | Recommend Approval | Revision |
| 10412-R1 | C.H.I. Overhead Doors | Exterior Doors | Sectional Exterior Door Assemblies | a | a | a | Recommend Approval | Revision |
| 10453-R3 | Alside Window | Windows | Single Hung | a | a | a | Recommend Approval | Revision |

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| | Company | | | | | | | |
| 10463-R3 | Gentek Building Products | Windows | Single Hung | a | a | a | Recommend Approval | Revision |
| 10464-R3 | Revere Building Products | Windows | Single Hung | a | a | a | Recommend Approval | Revision |
| 10465-R3 | Associated Materials Inc. | Windows | Single Hung | a | a | a | Recommend Approval | Revision |
| 10749-R3 | Pro-Crete Precast, Inc. | Structural Components | Products Introduced as a Result of New Technology | a | a | a | Recommend Approval | Revision |
| 10991-R3 | Alside Window Company | Windows | Horizontal Slider | a | a | a | Recommend Approval | Revision |
| 11025-R1 | United Solar Ovonic, LLC. | Roofing | Roofing Accessories that are an Integral Part of the Roofing System | a | a | a | Recommend Approval | Revision |
| 11137-R3 | Gentek Building Products | Windows | Horizontal Slider | a | a | a | Recommend Approval | Revision |
| 11139-R3 | Revere Building Products | Windows | Horizontal Slider | a | a | a | Recommend Approval | Revision |
| 11141-R3 | Associated Materials Inc. | Windows | Horizontal Slider | a | a | a | Recommend Approval | Revision |
| 11475-R1 | Johns Manville | Roofing | Single Ply Roof Systems | a | a | a | Recommend Approval | Revision |
| 11720-R2 | Associated Materials Inc. | Windows | Double Hung | a | a | a | Recommend Approval | Revision |
| 12081 | EFECO Corporation | Panel Walls | Curtain Walls | a | a | a | Recommend Approval | New |
| 12354 | Wayne-Dalton Corp. | Exterior Doors | Roll-Up Exterior Door Assemblies | a | a | a | Recommend Approval | New |
| 12549-R2 | Impact Technology, Inc. | Shutters | Accordion | a | a | a | Recommend Approval | Revision |

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| 12777-R1 | Berry Plastics Tapes and Coatings Division | Roofing | Underlayments | a | a | a | Recommend Approval | Revision |
| 12794 | TNT Carports | Structural Components | Roof Deck | a | a | a | Recommend Approval | New |
| 12883 | Crest Metal Doors, Inc. | Exterior Doors | Swinging Exterior Door Assemblies | a | a | a | Recommend Approval | New |
| 13164 | C.H.I. Overhead Doors | Exterior Doors | Sectional Exterior Door Assemblies | a | a | a | Recommend Approval | New |
| 13251 | YKK AP America | Panel Walls | Curtain Walls | a | a | a | Recommend Approval | New |
| 13266 | Shwinco Industries Inc. | Windows | Double Hung | a | a | a | Recommend Approval | New |
| 13269 | YKK AP America | Windows | Fixed | a | a | a | Recommend Approval | New |
| 13278 | Larson Manufacturing Company | Windows | Single Hung | a | a | a | Recommend Approval | New |
| 13288 | Larson Manufacturing Company | Windows | Horizontal Slider | a | a | a | Recommend Approval | New |
| 13299 | Rolsafe | Shutters | Roll-up | a | a | a | Recommend Approval | New |
| 13319 | Shwinco Industries Inc. | Windows | Single Hung | a | a | a | Recommend Approval | New |
| 13320 | MasterGrain | Exterior Doors | Swinging Exterior Door Assemblies | a | a | a | Recommend Approval | New |
| 13321 | YKK AP America | Exterior Doors | Swinging Exterior Door Assemblies | a | a | a | Recommend Approval | New |
| 13331 | Gulf Coast Supply and Mfg., Inc. | Roofing | Metal Roofing | a | a | a | Recommend Approval | New |
| 13332 | Tri-County Metals | Roofing | Metal Roofing | a | a | a | Recommend Approval | New |
| 13339 | Attic Breeze | Roofing | Roofing Accessories that are an Integral Part of the Roofing System | a | a | a | Recommend Approval | New |
| 13346 | ODL/Western Reflections | Exterior Doors | Exterior Door Components | a | a | a | Recommend Approval | New |

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| 13348 | Morin - a Kingspan Company | Roofing | Metal Roofing | a | a | a | Recommend Approval | New |
| 13351 | Loewen Windows | Windows | Awning | a | a | a | Recommend Approval | New |
| 13352 | Loewen Windows | Exterior Doors | Swinging Exterior Door Assemblies | a | a | a | Recommend Approval | New |
| 13353 | Loewen Windows | Exterior Doors | Sliding Exterior Door Assemblies | a | a | a | Recommend Approval | New |
| 13357 | OSG Doors | Exterior Doors | Swinging Exterior Door Assemblies | a | a | a | Recommend Approval | New |
| 13361 | Mark Tripson | Roofing | Metal Roofing | a | a | a | Recommend Approval | New |
| 13362 | Madena | Exterior Doors | Swinging Exterior Door Assemblies | a | a | a | Recommend Approval | New |
| 13363 | Expert Shutter Services, Inc. | Shutters | Roll-up | a | a | a | Recommend Approval | New |
| 13364 | USA Steel Buildings Inc. | Structural Components | Roof Deck | a | a | a | Recommend Approval | New |
| 13365 | General Aluminum Company | Windows | Mullions | a | a | a | Recommend Approval | New |
| 13368 | Englert Inc. | Roofing | Metal Roofing | a | a | a | Recommend Approval | New |
| 13374 | Sunlast Metal | Roofing | Metal Roofing | a | a | a | Recommend Approval | New |
| 13375 | Hormann LLC | Exterior Doors | Sectional Exterior Door Assemblies | a | a | a | Recommend Approval | New |
| 13382 | SR Products | Roofing | Modified Bitumen Roof System | a | a | a | Recommend Approval | New |
| 13385 | CENTRIA | Panel Walls | Siding | a | a | a | Recommend Approval | New |
| 13387 | Buffelen Woodworking Co. | Windows | Fixed | a | a | a | Recommend Approval | New |
| 13388 | SR Products | Roofing | Roofing Accessories that are an | a | a | a | Recommend Approval | New |

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| | | | Integral Part of the Roofing System | | | | | |
| 13391 | Buffelen Woodworking Co. | Exterior Doors | Swinging Exterior Door Assemblies | a | a | a | Recommend Approval | New |
| 13397 | Bonneville Windows and Doors | Windows | Double Hung | a | a | a | Recommend Approval | New |
| 13400 | Dow Chemical | Structural Components | Structural Wall | a | a | a | Recommend Approval | New |
| 13402 | MI Windows and Doors | Windows | Mullions | a | a | a | Recommend Approval | New |
| 13406 | Custom Window Systems Inc. | Windows | Horizontal Slider | a | a | a | Recommend Approval | New |
| 13410 | MARITECH WINDOWS | Windows | Mullions | a | a | a | Recommend Approval | New |
| 13434 | Town and Country Industries, | Shutters | Bahama | a | a | a | Recommend Approval | New |
| Evaluation by Test Report - FBC Voted Approval | | | | | | | | |
| 2074-R3 | Black Warrior Roofing | Roofing | Built up Roofing | a | a | a | Recommend Approval | Revision |
| 2346-R3 | Warrior Roofing Manufacturing | Roofing | Underlayments | a | a | a | Recommend Approval | Editorial Change |
| 5954-R3 | Benjamin Obdyke Incorporated | Roofing | Roofing Accessories that are an Integral Part of the Roofing System | a | a | a | Recommend Approval - Deferred and complied with condition of: Provide test reports for product physical properties per FBC Sect. 2612 and verification by QA Agency of plant | Deferred |

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| | | | | | | | fabricating product | |
| 9577-R3 | Benjamin Obdyke Incorporated | Roofing | Roofing Accessories that are an Integral Part of the Roofing System | a | a | a | Recommend Approval - Deferred and complied with condition of: Provide test reports for product physical properties per FBC Sect. 2612 and verification by QA Agency of plant fabricating product | Deferred |
| 13086 | Southeastern Metals Mfg. Co. | Roofing | Metal Roofing | a | a | a | Recommend Approval | New |
| Evaluation by Evaluation Entity - FBC Voted Approval | | | | | | | | |
| 6193-R2 | Greenblock Worldwide | Structural Components | Insulation Form Systems | a | a | a | Recommend Approval | Revision |
| 6356-R2 | The Foundry | Panel Walls | Siding | a | a | a | Recommend Approval | Revision |
| 7849-R2 | MonierLifetile | Roofing | Roofing Tiles | a | a | a | Recommend Approval | Revision |
| 10007-R2 | Simpson Strong-Tie Co. | Structural Components | Wood Connectors | a | a | a | Recommend Approval | Revision |
| 11506-R1 | Simpson Strong-Tie Co. | Structural Components | Anchors | a | a | a | Recommend Approval | Revision |
| 13225 | Greenheck Fan Corporation | Roofing | Roofing Accessories that are an Integral Part of the Roofing System | a | a | a | Recommend Approval | New |
| 13326 | Simpson Strong-Tie Co. | Structural Components | Wood Connectors | a | a | a | Recommend Approval | New |
| Entities - FBC | | | | | | | | |

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| Voted Approval | | | | | | | | |
| CER 3916 | Quality Auditing Institute Ltd. | Product Certification Agency | | a | a | a | Recommend Approval | Revision |
| CER 8526 | CPA-Composite Panel Assoc | Product Certification Agency | | a | a | a | Recommend Approval | New |
| TST 2469 | IBA Consultants | Product Testing Laboratory | | a | a | a | Recommend Approval | Revision |
| TST 6049 | Trinity/ERD - South Carolina | Product Testing Laboratory | | a | a | a | Recommend Approval | Revision |
| TST 6679 | Air Ins, Inc. | Product Testing Laboratory | | a | a | a | Recommend Approval | Revision |
| TST 8139 | Structural Building Components Research Institute | Product Testing Laboratory | | a | a | a | Recommend Approval | New |
| Discussion Items | | | | | | | | |
| 11544-R1 | JELD-WEN | Exterior Doors | Sliding Exterior Door Assemblies | | a | a | Recommend Approval | Revision |
| 13002 | Comfort View Products LLC | Windows | Fixed | | a | a | Recommend Approval | New |
| 13392 | Comfort View Products LLC | Windows | Single Hung | | a | a | Recommend Approval | New |
| 13393 | Comfort View Products LLC | Windows | Fixed | | a | a | Recommend Approval | New |
| 7694-R1 | CELLOFOAM NORTH AMERICA INC | Roofing | Roofing Insulation | y | d | d | This product has no structural value, only insulation values, and therefore is not subject to the requirements of | Revision |

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| | | | | | | | Rule 9B-72 FAC. In the future you could have your product as a component of a roofing assembly and be considered for a Florida Product Approval application. <u>Recommend Deferral with condition of having the Administrator report on similar applications for this type of product.</u> | |
| 12756 | Sto Corp. | Panel Walls | Products Introduced as a Result of New Technology | y | y | y | Evaluation report is based on use of alternate materials. This approach is not allowed for statewide product approval. Therefore <u>Recommend Denial</u> | New |
| Public Comments | | | | | | | | |
| Certification Method | | | | | | | | |
| 13187 | Air Louvers Inc | Exterior Doors | Swinging Exterior Door Assemblies | a | - | - | Recommend Approval | New |
| 13187 | Public Comment by Jaime Gascon | | | | | | Needs to describe glass type being certified and confirm it was tested as indicated in the installation instructions. If to be used in the HVHZ, | |

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| | | | | | | | door must be rated for TAS201, TAS202, and TAS203 and with a lite of glass; not acceptable to simply allow for this component to be installed in a 'Windstorm Door'. Else, indicate not for use in the HVHZ. | |
| 13187 | Commentary and Recommendation by Administrator | | | c | c | c | The certification and the installation instructions refer only to a frame to support a glass panel. <u>Recommend Conditional Approval with condition of:</u> <u>Change subcategory to Exterior Door Components. Indicate on limits of use: This application if for the glass frame only to be used as a component of an approved assembly.</u> | |
| 13341 | Air Louvers Inc | Exterior Doors | Swinging Exterior Door Assemblies | a | - | - | Recommend Approval | New |
| 13341 | Public Comment by Jaime Gascon | | | | | | When used on an HVHZ approved door, the door must be rated for TAS201, TAS202 and TAS203 and contain a lite or | |

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| | | | | | | | louver opening on the panel; not just state 'Windstorm resistant door'. Else, indicate not for use in the HVHZ. | |
| 13341 | Commentary and Recommendation by Administrator | | | c | c | c | The certification and the installation instructions refer only to a metal louver to be installed on a swingind door. <u>Recommend Conditional Approval with condition of:</u> <u>Change subcategory to Exterior Door Components. Indicate on limits of use: This application if for the metal louver only to be used as a component of an approved assembly.</u> | |
| 13366 | Traco Windows and Doors, Inc. | Exterior Doors | Sliding Exterior Door Assemblies | a | - | - | Recommend Approval | New |
| 13366 | Public Comment by Jaime Gascon | | | | | | Anchors along head have ecessive bending, and appear to be more than 10% overstressed. Confirm they are not, else indicate not for use in the HVHZ. | |
| 13366 | Commentary and Recommendation by | | | c | c | c | <u>Recommend Conditional Approval</u> | |

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| | Administrator | | | | | | <u>with condition of:</u> <u>Provide analysis of</u> <u>anchors to</u> <u>demonstrate material</u> <u>compliance and if not</u> <u>compliant and</u> <u>installation is as tested</u> <u>indicate "No" for</u> <u>HVHZ.</u> | |
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| Evaluation by Engineer/ Architect | | | | | | | | |
| 4097-R3 | Kalwall Corp. | Sky Lights | Skylight | a | - | - | Recommend Approval | Revision |
| 4097-R3 | Public Comment by Jaime Gascon | | | | | | Report by ATI dated 1995 is not signed and sealed as required by TAS301 for use in the HVHZ. Evaluation qualifies a barrel-vault type shape not shown to be tested. Update, or indicate not for use in the HVHZ. | |
| 4097-R3 | Response by Thomas Buffington | | | | | | Response see attached copy of the signed report. The original signed and sealed report was sent to Miami-Dade in 1995 (see letter confirming Miami-Dade received test 16263. In regards to the barrel-vault type shape, the wording curve and arched vaults will be removed | |

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| | | | | | | | from the evaluation report under section 3. Product Information. | |
| 4097-R3 | Commentary and Recommendation by Administrator | | | c | c | c | Applicant provided email with copies of the test report and acceptance by Miami-Dade on 1995. <u>Recommend Conditional Approval with condition of: Remove from evaluation report the wording curve and arched vaults under Section 3. Product Information.</u> | |
| 4230-R3 | Kalwall Corp. | Panel Walls | Products Introduced as a Result of New Technology | a | - | - | Recommend Approval | Revision |
| 4230-R3 | Public Comment by Jaime Gascon | | | | | | Report by ATI dated 1995 is not signed and sealed as required by TAS301 for use in the HVHZ. Evaluation indicates that curtain walls are qualified off testing of an 8' x 8' sample test? See FBC 2411.3.2.1.1 for curtain wall qualification. Limit accordingly, or indicate not for use in | |

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| | | | | | | | the HVHZ. | |
| 4230-R3 | Response by Thomas Buffington | | | | | | Response see attached copy of the signed report. The original signed and sealed report was sent to Miami-Dade in 1995 (see letter confirming Miami-Dade received test 16263. In regards to the curtain wall, the wording curtain wall will be removed from the evaluation report under section 3. Product Information. | |
| 4230-R3 | Commentary and Recommendation by Administrator | | | c | c | c | Applicant provided email with copies of the test report and acceptance by Miami-Dade on 1995. <u>Recommend Conditional Approval with condition of: Remove from evaluation report the wording curtain wall under Section 3. Product Information.</u> | |
| 10121-R1 | Bonneville Windows and Doors | Windows | Casement | a | - | - | Recommend Approval | Revision |
| 10121-R1 | Public Comment by Jaime Gascon | | | | | | Products .1, .2 and .3 should be limited to large missile only per FBC 2411.3.3.7 since they have annealed | |

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| | | | | | | | glass on the outboard lite of the insulated glass unit. If changed for tempered to avoid the limitation, proof of test is required for use in the HVHZ. | |
| 10121-R1 | Response by Luis Lomas | | | | | | We request a conditional approval for this application in order to add the following limitation to the application "NOT TO BE USED FOR SMALL MISSILE IMPACT REQUIREMENTS INSIDE THE HVHZ" | |
| 10121-R1 | Recommendation by Administrator | | | | c | c | <u>Recommend Conditional Approval with condition of: On limits of use indicate: Not to be used for small missile application inside the HVHZ.</u> | |
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| 12892 | YKK AP America | Exterior Doors | Swinging Exterior Door Assemblies | a | - | - | Recommend Approval | New |
| 12892 | Public Comment by Jaime Gascon | | | | | | EPDM gasket on drawings is identified as E2-0050 and the letter supplied by Tremco identifies E2-0083 and E2-008. | |

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| | | | | | | | What is the correlation for compliance to FBC 2411.3.4. | |
| 12892 | Response by Jim Westphal | | | | | | The gasket material as tested in the attached gasket letter is the same as that used on the project. The cover letter identifying the incorrect part numbers was inadvertently left attached. We are confirming with Tremco whether or not they have more recent tests for this material. | |
| 12892 | Commentary and Recommendation by Administrator | | | c | c | c | <u>Recommend Conditional Approval with condition of: provide gasket letter providing testing of gasket as used.</u> | |
| 12912 | EFCO Corporation | Windows | Projected | a | - | - | Recommend Approval | New |
| 12912 | Public Comment by Jaime Gascon | | | | | | Since glazing bond is on the exterior, heat strengthened glass cannot be substituted for tempered unless it is tested for TAS201 and TAS203. See evaluation item #7; large missile only. | |
| 12912 | Response by Doug Miller | | | | | | If needed, you will kindly ask for a conditional approval | |

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| | | | | | | | and change the application to large missile impact only in HVHZ (until further testing can be completed) but you feel as though the application is in compliance with the code and therefore no changes should be necessary. | |
| 12912 | Recommendation by Administrator | | | c | c | c | <u>Recommend Conditional Approval with condition of: On limits of use indicate: Not to be used for small missile application inside the HVHZ.</u> | |
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| 12913 | EFCO Corporation | Windows | Fixed | a | - | - | <u>Recommend Approval</u> | New |
| 12913 | Public Comment by Jaime Gascon | | | | | | For the large missile glass option only, since glazing bond is on the exterior, heat strengthened glass cannot be substituted for tempered unless it is tested for TAS201 and TAS203. See evaluation item #7; large missile only. | |
| 12913 | Response by Doug Miller | | | | | | If needed, you will kindly ask for a conditional approval and change the | |

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| | | | | | | | application to large missile impact only in HVHZ (until further testing can be completed) but you feel as though the application is in compliance with the code and therefore no changes should be necessary. | |
| 12913 | Recommendation by Administrator | | | c | c | c | <u>Recommend Conditional Approval with condition of: On limits of use indicate: Not to be used for small missile application inside the HVHZ.</u> | |
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| 13055 | YKK AP America | Panel Walls | Storefronts | a | - | - | Recommend Approval | New |
| 13055 | Public Comment by Jaime Gascon | | | | | | Product .1 should be limited to large missile only per FBC 2411.3.3.7. For product .2, what is the correlation of parts 14 and 15 with Tremco's gasket letter? Also, glazing is not in compliance with FBC 2411.3.3.7. Therefore, indicate not for use in the HVHZ. | |
| 13055 | Response by Westphal Jim | | | | | | The gasket material as tested in the attached gasket letter is | |

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| | | | | | | | <p>the same as that used on the project. The cover letter identifying the incorrect part numbers was inadvertently left attached. We are confirming with Tremco whether or not they have more recent tests for this material.</p> <p>Also, there is a note on the drawings directing the end user to replace the exterior lite with safety glazing per 2411.3.3.7. So, Jamies comment regarding use in HVHZ should not apply.</p> | |
| 13055 | Commentary and Recommendation by Administrator. | | | c | c | c | <p>The public comment referencing the gasket issue is correct.</p> <p><u>Recommend Conditional Approval with condition of:</u> <u>provide gasket letter providing testing of gasket as used and indicate On limits of use indicate: Not to be used for small missile application inside the HVHZ.</u></p> | |
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| 13239 | YKK AP America | Windows | Fixed | a | - | - | Recommend Approval | New |
| 13239 | Public Comment by Jaime Gascon | | | | | | Indicate not for use in the small missile areas per FBC 2411.3.3.7 when being used in the HVHZ. | |
| 13239 | Response by Jim Westphal | | | | | | There is a note on the drawings directing the end user to replace the exterior lite with safety glazing per 2411.3.3.7. So, Jamies comment regarding use in HVHZ should not apply. | |
| 13239 | Commentary by Administrator. | | | c | c | c | The public comment referencing the gasket issue is correct. <u>Recommend Conditional Approval with condition of: provide gasket letter providing testing of gasket as used and indicate On limits of use indicate: Not to be used for small missile application inside the HVHZ.</u> | |
| 13255 | YKK AP America | Panel Walls | Curtain Walls | a | - | - | Recommend Approval | New |
| 13255 | Public Comment by Jaime Gascon | | | | | | Drawings show part #8 as E2-0379. What is the correlation to Tremco's letter which references E2-0083 and E2-0088? Product | |

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| | | | | | | | .3 part #14 on drawings is identified as E2-0081. What is the correlation to the Tremco gasket letter which also references E2-0083 and E2-0088? Product .6 part #14 on drawings is identified as E2-0081. What is the correlation to the Tremco gasket letter which also references E2-0083 and E2-0088? and limit to large missile only per FBC 2411.3.3.7. | |
| 13255 | Response by Westphal | Jim | | | | | The gasket material as tested in the attached gasket letter is the same as that used on the project. The cover letter identifying the incorrect part numbers was inadvertently left attached. We are confirming with Tremco whether or not they have more recent tests for this material. Also, there is a note on the drawings directing the end user to replace the exterior lite with safety glazing | |

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| | | | | | | | per 2411.3.3.7. So, Jamies comment regarding use in HVHZ should not apply. | |
| 13255 | Commentary and Recommendation by Administrator. | | | c | c | c | The public comment referencing the gasket issue is correct. <u>Recommend Conditional Approval with condition of: provide gasket letter providing testing of gasket as used and indicate On limits of use indicate: Not to be used for small missile application inside the HVHZ.</u> | |
| 13338 | Amarr Garage Doors | Exterior Doors | Sectional Exterior Door Assemblies | a | a | a | <u>Recommend Approval</u> | New |
| 13338 | Public Comment by Jaime Gascon | | | | | | Note 6 on drawings indicates use of ASCE 7-98 and exposure B for calculation of the tables, and this is not applicable in the HVHZ, nor the 2007 FBC. Therefore, indicate not for use in the HVHZ. | |
| 13338 | Response by Danny Joyner | | | | | | • In submittal number FL1338 under “Equivalence of Product Standards” is | |

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| | | | | | | | <p>a Florida P.E. Sealed document stating the Equivalence of ASCE 7-98, ASCE 7-02, and ASCE 7-05.</p> <ul style="list-style-type: none"> • Products must meet minimum design loads (PSF), not wind speed in order to be approved for use, these pressures are listed on the Florida PE seal test report and drawing. This doors design pressure is +45.9/-52.1. These pressures do meet the requirement of the HVHZ for an exposure category of C and a wind speed of 146 mph (MRH of 30' or less). | |
| 13338 | Response by Shelmerdine | Tom | | | | | <p>I have calculated the design wind pressures in accordance with ASCE 7-98/02/05 for 175 mph Exposure B and 146 mph Exposure C. For comparison purposes, I have used a 16' X 8' garage door, with 5' of its width in Zone 5 (the edge strip), a 30' or less Mean Roof Height at any slope,</p> | |

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| | | | | | | | and an Importance Factor of 1.0. The comparison is: 175 mph Exposure B: +45.9, -52.1 psf; 146 mph Exposure C: +44.9, -50.9 psf Since the design pressure for 146 mph Exposure C are less than for 175 mph Exposure B Amarr doors that are approved for use in 175 mph Exposure B areas can also be used in 146 mph Exposure C areas. | |
| 13338 | Commentary by Administrator. | | | | | | Product are rated by their resistance to loads. The rating resistance of the doors is based on its testing. The use of ASCE 7 is to analyze the total load applied by the doors to the supporting structure. Evaluator has used a load condition higher than required for the required loads for HVHZ, therefore the application is correct. | |
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| 13340 | Kawneer Company, Inc. | Windows | Fixed | a | - | - | Recommend Approval | New |
| 13340 | Public Comment by | | | | | | Needs to specify the | |

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| | Jaime Gascon | | | | | | insulated glass spacer and seal for the dry glazed units as tested. Dry glazed gaskets require proof of compliance with FBC 2411.3.4. Also, the thermal beake requires compliance with FBC 2612 for use in the HVHZ. Additionally, the dry glazed large missile glass option #6 with aspect ratio's freater than 1:5 require testing for use in the HVHZ. (See comparative analysis charts on drawings for proposed window sizes sheet 4 of 6.) | | |
| 13340 | Recommendation by Administrator. | | | | c | c | c | <u>Recommend Conditional Approval with Condition of: Provide testing of gaskets and thermal brake to comply with Sect 2411.3.4. Remove or test those sizes with an aspect ration larger than 1.5.</u> | |
| 13347 | Kawneer Company, Inc. | Windows | Projected | | a | - | - | Recommend Approval | New |
| 13347 | Public Comment by Jaime Gascon | | | | | | | Needs to specify the insulated glass spacer and seal for the dry | |

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| | | | | | | | glazed units as tested. Dry glazed gaskets require proof of compliance with FBC 2411.3.4. Also, the thermal beake requires compliance with FBC 2612 for use in the HVHZ. | |
| 13347 | Recommendation by Administrator. | | | c | c | c | <u>Recommend Conditional Approval with Condition of: Provide testing of gaskets and thermal brake to comply with Sect 2411.3.4.</u> | |
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| 13379 | Precision Foam Fabricators | Structural Components | Roof Deck | a | - | - | Recommend Approval | New |
| 13379 | Public Comment by Robert Amoruso | | | | | | Based on consultation with our client, Precision Foam Fabricators it has come to our attention that they wished to re-evaluate the Structural Insulated Panel test results against the 2007 FBC approved AISI North America Specification for the Design or Cold-Formed Steel Structural Members (AISI/COS/NASPEC 2001) acceptance criteria in lieu of the | |

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| | | | | | | | acceptance criteria used in the current validated analysis. Therefore, we request that the Product Approval Program Administrator recommend conditional approval based on the attached revised product evaluation report and drawing issued by Robert J. Amoruso, P.E. and correspondence of intent to validate by the product's validator, Steve Urich, P.E. The revised evaluation report and drawing will be uploaded once "Set To Reapply" is made by the Product Approval Program Administrator followed by validation of the application. | |
| 13379 | Public Comment by Robert Amoruso (Cont.) | | | | | | With this notification of Public Comment on these applications, we ask our validator, Steve Urich, P.E. to please review the attached and indicate his concurrence regarding acceptability | |

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| | | | | | | | to validate these applications based on the revised documents. Any comments or changes that the validator identifies will be resolved and copies sent to the Program Administrator. | |
| 13379 | Commentary and Recommendation by Administrator | | | c | c | c | After the application was placed on agenda, evaluator realized that there were some issues with the use of copyrighted materials. This is a request to change the evaluation to modify the acceptance criteria for those of public domain. <u>Recommend Conditional Approval with condition of revise evaluation report using acceptance criteria of public domain.</u> | |
| 13381 | Precision Foam Fabricators | Structural Components | Structural Wall | a | - | - | Recommend Approval | New |
| 13381 | Public Comment by Robert Amoruso | | | | | | Based on consultation with our client, Precision Foam Fabricators it has come to our attention that they wished to re-evaluate the Structural | |

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| | | | | | | | <p>Insulated Panel test results against the 2007 FBC approved AISI North America Specification for the Design or Cold-Formed Steel Structural Members (AISI/COS/NASPEC 2001) acceptance criteria in lieu of the acceptance criteria used in the current validated analysis. Therefore, we request that the Product Approval Program Administrator recommend conditional approval based on the attached revised product evaluation report and drawing issued by Robert J. Amoruso, P.E. and correspondence of intent to validate by the product's validator, Steve Urich, P.E. The revised evaluation report and drawing will be uploaded once "Set To Reapply" is made by the Product Approval Program Administrator</p> | |
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| | | | | | | | followed by validation of the application. | |
| 13381 | Public Comment by Robert Amoruso (Cont.) | | | | | | With this notification of Public Comment on these applications, we ask our validator, Steve Urich, P.E. to please review the attached and indicate his concurrence regarding acceptability to validate these applications based on the revised documents. Any comments or changes that the validator identifies will be resolved and copies sent to the Program Administrator. | |
| 13381 | Commentary and Recommendation by Administrator | | | | c | c | c | After the application was placed on agenda, evaluator realized that there were some issues with the use of copyrighted materials. This is a request to change the evaluation to modify the acceptance criteria for those of public domain. <u>Recommend Conditional Approval with condition of revise evaluation report using acceptance criteria of</u> |

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| | | | | | | | <u>public domain.</u> | |
| 13398 | Bonneville Windows and Doors | Windows | Fixed | a | | | <u>Recommend Approval</u> | New |
| 13398 | Public Comment by Jaime Gascon | | | | | | Product .5 and .6 will fail under load if installed in accordance with proposed approval document. Check panel attachment to frame. Match that tested or indicate not for use in the HVHZ. | |
| 13398 | Response by Luis Lomas | | | | | | These products are being installed as tested. We have also verified the anchoring thru calculations. Please let us know if we need to submit the test report and/or the anchor calculations for your review and verification. | |
| 13398 | Commentary by Administrator | | | | c | c | <u>Recommend Conditional Approval with condition of: Provide additional detail of internal construction of product.</u> | |
| 13399 | Bonneville Windows and Doors | Exterior Doors | Swinging Exterior Door Assemblies | a | - | - | <u>Recommend Approval</u> | New |

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| 13399 | Public Comment by Jaime Gascon | | | | | | Products .2 and .4 with IG transome exterior annealed lite is a safety hazard. If substituting for tempered, confirm it was tested with tempered exterior lite in the IG if to be used in the HVHZ. | |
| 13399 | Response by Luis Lomas | | | | | | The transom was tested using annealed glass in the exterior. The manufacturer will be testing transom with tempered glass in the future. At this time, we would like ask for a conditional approval in order to remove the HVHZ usage of these items from the application and make them usable for outside the HVHZ only. | |
| 13399 | Recommendation by Administrator | | | c | c | c | <u>Recommend Conditional Approval with condition of: Indicate "No" for use within HVHZ for products .2 and .4.</u> | |
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| 13407 | Solar Innovations, Inc. | Exterior Doors | Exterior Door Assembly Products Introduced as | a | - | - | Recommend Approval | New |

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| | | | a Result of New Technology | | | | | |
| 13407 | Public Comment by Jaime Gascon | | | | | | | Needs to specify locks used in testing. A bill of materials would be useful. |
| 13407 | Response by Luis Lomas | | | | | | | Mr. Berman, in sheet 1 of the installation drawings we have a hardware schedule chart indicating the locks that were used with this product. If a BOM is required we would like to ask for conditional approval in order to add the BOM to the drawing. |
| 13407 | Commentary and Recommendation by Administrator. | | | | c | c | c | Although there is a hardware schedule on the drawings, the mark of the items are not indicated on the details of the product. <u>Recommend Conditional Approval with condition of: Indicate on the details of the product the mark of the hardware on the hardware schedule.</u> |
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| 13411 | Energy Saving Window & Doors, Inc. | Windows | Double Hung | a | - | - | | Recommend Approval New |
| 13411 | Public comment by | | | | | | | We would like to |

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| | Lucille A. Marino | | | | | | request conditional approval for the above mentioned applications in order to remove the limitation within HVHZ, not to be used for small missile requirements. | |
| 13411 | Recommendation by Administrator | | | c | c | c | <u>Recommend Conditional Approval with condition of: Remove limit of use "Not to be used for small missile requirements.</u> | |
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| 13412 | Energy Saving Window & Doors, Inc. | Windows | Horizontal Slider | a | - | - | Recommend Approval | New |
| 13412 | Public comment by Lucille A. Marino | | | | | | We would like to request conditional approval for the above mentioned applications in order to remove the limitation within HVHZ, not to be used for small missile requirements. | |
| 13412 | Recommendation by Administrator | | | c | c | c | <u>Recommend Conditional Approval with condition of: Remove limit of use "Not to be used for small missile requirements.</u> | |
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| 13414 | Energy Saving Window & Doors, Inc. | Exterior Doors | Sliding Exterior Door Assemblies | a | - | - | Recommend Approval | New |
| 13414 | Public comment by Lucille A. Marino | | | | | | We would like to request conditional approval for the above mentioned applications in order to remove the limitation within HVHZ, not to be used for small missile requirements. | |
| 13414 | Recommendation by Administrator | | | c | c | c | <u>Recommend Conditional Approval with condition of: Remove limit of use "Not to be used for small missile requirements.</u> | |
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| 13433 | YKK AP America | Panel Walls | Curtain Walls | a | - | - | Recommend Approval | New |
| 13433 | Public Comment by Jaime Gascon | | | | | | Products .1 and .2 need correlation of the specified EPDM gasket to that on the Tremco letter. Also, glazing detail on drawing for dry glazed monolithic unit shows use of DOW 995 sealant? | |
| 13433 | Response by Jim Westphal | | | | | | The gasket material as tested in the attached gasket letter is the same as that used on the project. The cover | |

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| | | | | | | | letter identifying the incorrect part numbers was inadvertently left attached. We are confirming with Tremco whether or not they have more recent tests for this material. | |
| 13433 | Commentary and Recommendation by Administrator | | | c | c | c | <u>Recommend Conditional Approval with condition of: provide gasket letter providing testing of gasket as used and provide proper sealant.</u> | |
| Evaluation by Test Report | | | | | | | | |
| 12929 | Barrette Outdoor Living | Panel Walls | Products Introduced as a Result of New Technology | a | | | Recommend Approval | New |
| 12929 | Public Comment by Jaime Gascon | | | | | | For use as a wall panel in the HVHZ, testing to TAS201 and TAS203 is required per FBC chapter 16. Also, ASTM E72 should be considered since the wall panels are expected to carry diaphragm loads. | |
| 12929 | Response by Chris Waites | | | | | | These walls, roofing and doors are limited to use on uninhabited sheds having a size no | |

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| | | | | | | | greater than 10'x8' (80 sq ft.). These said components comply with all test requirements called out by Miami-Dade product specific check lists for sheds for HVHZ as per FBC. These components passed the same tests as the Homestyles 8x10 shed that was approved by Miami-dade. | |
| 12929 | Commentary and Recommendation by Administrator | | | d | d | d | This size of building (80 sf) is exempt for testing for TAS 201 and TAS 203. The applicant used the test report method, but the tested attachment is diferent from installation instructions provided. The anchors on installation instructions are of larger capacity, but also they need to resist other loads for lateral resistance of the wall resisting shear loads on building. Also, there is the resistance of the area adjacent to the door opening. | |

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| | | | | | | | Some reinforcing adjacent to door opening was provided, but not tested or evaluated. The example cited by applicant of a competitor product was an approved building for a 75 MPH use. <u>Recommend Deferral with condition of: Change method to Evaluation Report by Florida PE to evaluate lateral resistance of wall, including support of door and evaluate anchors used.</u> | |
| 12930 | Barrette Outdoor Living | Roofing | Products Introduced as a Result of New Technology | a | - | - | Recommend Approval | New |
| 12930 | Public Comment by Jaime Gascon | | | | | | For use as a roofing product, a class fire rating must be established so that limitations can be referened accordingly. Testing per TAS110 would also be required for use in the HVHZ. | |
| 12930 | Response by Chris Waites | | | | | | These walls, roofing and doors are limited | |

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| | | | | | | | to use on uninhabited sheds having a size no greater than 10'x8' (80 sq ft.). These said components comply with all test requirements called out by Miami-Dade product specific check lists for sheds for HVHZ as per FBC. These components passed the same tests as the Homestyles 8x10 shed that was approved by Miami-dade. | |
| 12930 | Recommendation by Administrator. | | | c | d | d | <u>Recommend Deferral with condition of:</u> <u>Perform complete testing as required by code</u> | |
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| 12931 | Barrette Outdoor Living | Exterior Doors | Swinging Exterior Door Assemblies | a | - | - | Recommend Approval | New |
| 12931 | Public Comment by Jaime Gascon | | | | | | For use as an exterior door testing for air infiltration and forced entry are required, and must indicate that windborne debris protection is required per chapter 16 of the FBC for use in the HVHZ. | |
| 12931 | Response by | | | | | | These walls, roofing | |

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| | Chris Waites | | | | | | and doors are limited to use on uninhabited sheds having a size no greater than 10'x8' (80 sq ft.). These said components comply with all test requirements called out by Miami-Dade product specific check lists for sheds for HVHZ as per FBC. These components passed the same tests as the Homestyles 8x10 shed that was approved by Miami-dade. | |
| 12931 | Recommendation by Administrator. | | | c | d | d | <u>Recommend Deferral with condition of: Perform complete testing as required by code</u> | |
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| Certification Method - 2 | | | | | | | | |
| 13163 | heritage glass inc | Panel Walls | Storefronts | a | - | - | Recommend Approval | New |
| 13163 | Public Comment by Daniel Leon | | | | | | Product Evaluation Report for the HPI 7000 series Impact Storefront by Richard Boyette P.E 42485 Dated 12/19/2009: Item #1 The first line states that subject system (HPI 7000) conforms to the 2007 | |

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| | | | | | | | <p>Florida building Code for the state and the 1626.2 (High-Velocity Zone) I believe this is incorrect on both counts.</p> <p>Item #2 Please see the last line on the first page under jamb fasteners, ASI sealant in lieu of mechanical fasteners. Is this allowed?</p> <p>Item #3 Head and sill fasteners requirements. Under masonry it states two 1/4" x 3" Tapcons. As shown by two lines on the installation drawing 010909-2 which is page one of the PDF. With a design load of 90 psf, the load on each Tapcon is in excess of 550 Lbs.</p> | |
| 13163 | Public Comment by Daniel Leon (Cont.) | | | | | | <p>To make my point that the fasteners may be over loaded, I would like to refer you to the second page of the installation PDF, drawing # 010909-1 The fasteners as detailed in the installation drawings</p> | |

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| | | | | | | | are installed with the entire load being applied to the head of the fastener, in a full cantilever condition. (The cantilever is over one inch, greatly decreasing the allowable load.) Item #4 On page two under the heading of limitations I see the engineer has allowed this system to be used without vertical steel reinforcement @ 59 psf. Was this system tested that way or was it impact tested with steel, and then calculations done to allow its use at a lower pressure? If so, is this code approved? | |
| 13163 | Public Comment by Daniel Leon (Cont.) | | | | | | PDF of Installation Drawings HPI 7000 Series: Item #1 Where is the minimum distance dimension from the edge of concrete or other substrate to the fastener? I have found the notation about the two inch minimum edge distance for the placement of the first | |

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| | | | | | | | <p>anchor away from the mullions and jamb only.</p> <p>Item #2 On page one of the installation drawing number 010909-2 in the notes section. Number 2 states that the horizontal is optional. Is this to code? Because it clearly states in the product certification # NI010032 by Nami. that accompanies this application. That the largest allowable lite of glass is a bottom lite in the DLO size of 56.81”x 95.88”</p> | |
| 13163 | Public Comment by Daniel Leon (Cont.) | | | | | | <p>Item #3 The drawing and page numbering does not match the engineering report filed. The engineering report list drawing and pages numbers 010909-01, 010909-02, 010910-01, 010910-02, but on the Installation PDF the drawing and page numbers are 010909-01, 010909-02, 010910-01, 010910-06, page 010910-02 is missing, and the door</p> | |

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| | | | | | | | parts list page 010910-06 has been mistakenly substituted. Item #4 On drawing number 010909-1 it shows item 35 to be 3/16 steel. What size is this steel? Are the legs of the size adequate to carry the loads imposed on it? | |
| 13163 | Public Comment by Dan Luna | | | | | | INSTALLATION INSTRUCTIONS 1. There are two (2) Drawings No. 010909 - 2, one (1) Drawing No. 010909 - 1 and one (1) Drawing No. 010909 -6. THIS IS REALLY CONFUSING! 2. The FOUR (4) drawings are labeled "HPI 450 MS IMPACT DOOR AND HPI 7000 IMPACT WALL SYSTEM". Parts and descriptions are intermixed. THIS MAKES NO SENSE AT ALL. 3. Drawing # 010909- 1 - The "STEEL REINFORCEMENT" is shown as #31 (Not identified) and #35 | |

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| | | | | | | | <p>(Identified as 3/16" Steel Reinforcement). It is shown as a channel not a steel plate as identified.</p> <p>4. Drawing # 010909-1 - Item #41 is not properly specified. A simple generic "Double sided Structural Tape" in not a sufficient identification..</p> <p>5. Drawing # 010909-1 - Items #30 & #29 are mislabeled. Unless I am crazy, the glass stop is on the EXTERIOR. Therefore #30 should be the INTERIOR and #29 should be the EXTERIOR.</p> | |
| 13163 | Public Comment by Dan Luna (Cont.) | | | | | | <p>EVALUATION REPORTS</p> <p>1. Page 1, Head & Sill Fastener Requirements: Masonry - This shows using "Two (2) 1/4" x 3" Tapcons at"</p> <p>Drawing # 010909 - 02 shows 3/8" x 3" - 4" Lag Screws. This is inconsistent.</p> <p>2. Page 1, Jamb Fastener</p> | |

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| | | | | | | | Requirements: Alternate: ASI 335 sealant in lieu of Lag screws? Please show the test data. I have included specification sheet for the "glue" and this was tested? 3. Page 2, "Steel Support in vertical frame members not required" There is only one (1) test report listed. Isn't it necessary to provide a test to make such a claim? | |
| 13163 | Response by Robert Lytle | | | | | | <p>All of our products have been tested in accordance with the Florida building code. The submittal was evaluated by NAMI as well as various changes that were made collectively with your team. All calculations and independent evaluations were accomplished by Rick Boyette a licensed 3rd party engineer as well as NAMI.</p> <p>We have carefully evaluated the feedback and believe that a few small improvement</p> | |

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| | | | | | | | <p>opportunities exist. We would like to be considered for conditional acceptance where we will aggressively change the following and anything else that you may request.</p> <ol style="list-style-type: none"> 1. Engineering page numbering needs to be improved and 1 corrected. 2. Add double sided tape part number and description 3. Anchor is oversized, it will be changed to read 5/16" for jamb and 1/4" for head/sill vs 3/8" in the drawing. | |
| 13163 | Response by Boyette | Rick | | | | | <p>Item #2 Please see the last line on the first page under jamb fasteners, ASI sealant in lieu of mechanical fasteners. Is this allowed?</p> <p>BOYETTE RESPONSE: Calculations by Richard Boyette show sealant is structurally adequate.</p> | |

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| | | | | | | | <p>Item #3 Head and sill fasteners requirements. Under masonry it states two 1/4" x 3" Tapcons. As shown by two lines on the installation drawing 010909-2 which is page one of the PDF. With a design load of 90 psf, the load on each Tapcon is in excess of 550 Lbs.</p> <p>BOYETTE RESPONSE: Calculations by Richard Boyette show minimum 5/16 Tapcon, drawings show 3/8 Tapcon. Allowable loads are not exceeded.</p> | |
| 13163 | Response by Rick Boyette (Cont.) | | | | | | <p>To make my point that the fasteners may be over loaded, I would like to refer you to the second page of the installation PDF, drawing # 010909-1 The fasteners as detailed in the installation drawings are installed with the</p> | |

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| | | | | | | <p>entire load being applied to the head of the fastener, in a full cantilever condition. (The cantilever is over one inch, greatly decreasing the allowable load.)</p> <p>BOYETTE RESPONSE: Calculations by Richard Boyette show fasteners are structurally adequate. There is no cantilever condition; the frame has a maximum 1/4" shim space.</p> <p>(1.1") Item #4 On page two under the heading of limitations I see the engineer has allowed this system to be used without vertical steel reinforcement @ 59 psf. Was this system tested that way or was it impact tested with steel, and then calculations done to allow its use at a lower pressure? If so, is this code approved?</p> <p>BOYETTE RESPONSE: Calculations by</p> | |
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| | | | | | | | Richard Boyette show frame is structurally adequate | |
| 13163 | Response by Rick Boyette (Cont.) | | | | | | <p>Item #2 On page one of the installation drawing number 010909-2 in the notes section. Number 2 states that the horizontal is optional. Is this to code? Because it clearly states in the product certification # This is how its listed in all the architectural company submittals. We can change it to read when horizontal is removed, maximum size = 56.81x95.88" DLO This is a very simple change.</p> <p>BOYETTE RESPONSE - OK</p> <p>EVALUATION REPORTS 1. Page 1, Head & Sill Fastener Requirements: Masonry - This shows using "Two (2) 1/4" x 3" Tapcons at" Drawing # 010909 - 02 shows 3/8" x 3" - 4" Lag Screws. This is</p> | |

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| | | | | | | | inconsistent.(actual testing was accomplished with 3/8" lag bolts, analysis shows that a 1/4" tapcon would be adequate) BOYETTE REPONSE - OK | |
| 13163 | Response by Rick Boyette (Cont.) | | | | | | <p>2. Page 1, Jamb Fastener Requirements: Alternate: ASI 335 sealant in lieu of Lag screws? Please show the test data. I have included specification sheet for the "glue" and this was tested?</p> <p>BOYETTE RESPONSE - Calculations by Richard Boyette show sealant is structurally adequate.</p> <p>3. Page 2, "Steel Support in vertical frame members not required" There is only one (1) test report listed. Isn't it necessary to provide a test to make such a claim? LYTLE RESPONSE -</p> | |

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| | | | | | | | (Test unit was tested with no steel in the frame. The actual test substantiates this claim) BOYETTE RESPONSE - OK | |
| 13163 | Recommendation by Administrator | | | d | d | d | <u>Recommend Deferral with condition of: Remove conditions not tested or certified (impact systems need to be tested). Provide testing/certification of ASI 335 for all substrates or remove its use. Provide analysis of anchors to Administrator to verify compliance.</u> | |
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| 13177 | HERITAGE SHOWER DOORS/CHAMPION SYSTEMS, INC | Panel Walls | Storefronts | ⌘ | - | - | Recommend Approval | New |
| 13177 | Public Comment by Daniel Leon | | | | | | First, I believe this application was listed under the wrong category. It is clear by the accompanying certification and engineering that this application is for doors. Also I believe that the public who would be best able to | |

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| | | | | | | <p>comment on this product, will never see it due to it being placed in the wrong category.</p> <p>Product Evaluation Report for the HPI 450 series Impact Door by Richard Boyette P.E 42485 Dated 12/19/2009:</p> <p>Item #1 The first line states that the subject system (HPI 450) conforms to the 2007 Florida building Code for the state and the 1626.2 (High-Velocity Zone) I believe this is also incorrect on both counts.</p> <p>Item #2 Please see the last line on the first page under jamb fasteners, ASI sealant in lieu of mechanical fasteners again.</p> <p>Item #3 Head fasteners under masonry states two 1/4" x 3" Tapcons. The fasteners on the installation drawing are also shown in a full cantilever loading condition. Did the engineer of record</p> | |
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| | | | | | | | supply you with a copy of his certified calculation as proof? Can we request them? | |
| 13177 | Public Comment by Daniel Leon (Cont.) | | | | | | <p>Item #4 On page two under the heading of limitations I see, again the engineer has allowed this system to be used without vertical steel reinforcement @ 59 psf.</p> <p>PDF of Installation Drawings HPI 450 Series Impact Door:</p> <p>Item #1 Drawing page numbers are mismarked on the installation drawings again, and do not match the engineers Report. Where is page 01910-2 ?</p> <p>Item #2 The installation drawings show a door with no transom but no fastener requirements. On page 5 of the installation PDF drawing number 010909-3 I found a head detail with fasteners. In the detail it shows a 1/4" x 6" Tapcon. As in the HPI</p> | |

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| | | | | | | | <p>7000 design, the loads are imposed directly to the head. The detail is not to scale but the cantilever condition with shim included looks to be 2". @ 70 psf design load does this meet the standards in the 2007 Florida building code?</p> <p>Item #3 Again, there is no detail showing the minimum distance of the fastener from the edge of the slab. When reading the notes closely, they are all referring to the spacing of the first fastener from the edge of the system. Is this code approved?</p> | |
| 13177 | Public Comment by Daniel Leon (Cont.) | | | | | | <p>Item #4 On page 010909-1 I find the same undefined 3/16" steel. But on page 010910-5 I also find a smaller 3/16" defined reinforcing steel, with number 50 U-channel steel attached. Is the system designed to use both types of steel? If so under what loading is the different steel used? Can they please</p> | |

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| | | | | | | | define? | |
| 13177 | Public Comment by Dan Luna | | | | | | <p>Under "Category", this product was submitted as a "Panel Wall" not a door.</p> <p>INSTALLATION INSTRUCTIONS</p> <p>1. There are one (1) Drawing No. 010909 - 10, one (1) Drawing No. 010909 - 04, two (2) Drawing No. 010909 - 01, one (1) Drawing No. 010909 - 03, one (1) "05" and one (1) "06". Does this make sense?</p> <p>2. Drawing #010909 - 10 shows 1/4" tapcons and Drawing #010909-04 shows 3/8" tapcons. Which is correct?</p> <p>3. Transoms are not shown anywhere.</p> <p>4. Drawing # 010909-1 - The "STEEL REINFORCEMENT" is shown as #31 (Not identified) and #35 (Identified as 3/16" Steel Reinforcement). It is shown as a channel not a steel plate as identified.</p> | |
| 13177 | Public Comment by | | | | | | EVALUATION | |

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| | Dan Luna (Cont.) | | | | | | <p>REPORTS</p> <p>1. Page 1, Head & Sill Fastener Requirements: Masonry - This shows using "Two (2) 1/4" x 3" Tapcons at" Drawing # 010909 - 02 shows 3/8" x 3" - 4" Lag Screws. This is inconsistent.</p> <p>2. Page 1, Jamb Fastener Requirements: Alternate: ASI 335 sealant in lieu of Lag screws? Please show the test data. I have included specification sheet for the "glue" and this was tested?</p> <p>3. Page 2, "Steel Support in vertical frame members not required" There is only one (1) test report listed. Isn't it necessary to provide a test to make such a claim?</p> | |
| 13177 | Response by Robert Lytle | | | | | | <p>All of our products have been tested in accordance with the Florida building code. The submittal was evaluated by NAMI as well as various changes that were made</p> | |

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| | | | | | | <p>collectively with your team. All calculations and independent evaluations were accomplished by Rick Boyette a licensed 3rd party engineer as well as NAMI.</p> <p>We have carefully evaluated the feedback and believe that a few small improvement opportunities exist. We would like to be considered for conditional acceptance where we will aggressively change the following and anything else that you may request.</p> <ol style="list-style-type: none"> 1. Engineering page numbering needs to be improved and 1 corrected. 2. Add double sided tape part number and description 3. The test used and passed with 1/4" tapcons. The engineering analysis reads 5/16" for jamb and 1/4" for head/sill. We can make this change. | |
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|-------|------------------------|------|--|--|--|--|---|--|
| 13177 | Response by Boyette | Rick | | | | | <p>Item #2 Please see the last line on the first page under jamb fasteners, ASI sealant in lieu of mechanical fasteners again.</p> <p>BOYETTE RESPONSE: Calculations by Richard Boyette show sealant is structurally adequate.</p> <p>Item #3 Head fasteners under masonry states two 1/4" x 3" Tapcons. The fasteners on the installation drawing are also shown in a full cantilever loading condition. Did the engineer of record supply you with a copy of his certified calculation as proof? Can we request them?</p> <p>We have supplied NAMI with all detailed calculations, we submitted under the certification method vs the evaluation method.</p> <p>BOYETTE</p> | |
|-------|------------------------|------|--|--|--|--|---|--|

| | | | | | | | | |
|-------|----------------------------------|--|--|--|--|--|---|--|
| | | | | | | | RESPONSE: Calcs are provided only to reviewing entity upon request | |
| 13177 | Response by Rick Boyette (Cont.) | | | | | | <p>Item #4 On page two under the heading of limitations I see, again the engineer has allowed .this system to be used without vertical steel reinforcement @ 59 psf.</p> <p>BOYETTE RESPONSE: Calculations by Richard Boyette show frame is structurally adequate</p> <p>PDF of Installation Drawings HPI 450 Series Impact Door: Item #1 Drawing page numbers are mismarked on the installation drawings again, and do not match the engineers Report. Where is page 01910-2 ? BOYETTE RESPONSE: The correct drawing number is 010910-2, this drawing has been correctly included.</p> | |

| | | | | | | | |
|-------|--------------------------------|------|--|--|--|--|--|
| 13177 | Response by Boyette (Cont.) | Rick | | | | <p>Item #2 The installation drawings show a door with no transom but no fastener requirements. LYTLE RESPONSE: Fastener locations are included, the type is included in the double door next to it. This is common in many submittals. On page 5 of the installation PDF drawing number 010909-3 I found a head detail with fasteners. In the detail it shows a 1/4" x 6" Tapcon. As in the HPI 7000 design, the loads are imposed directly to the head. The detail is not to scale but the cantilever condition with shim included looks to be 2". @ 70 psf design load does this meet the standards in the 2007 Florida building code?</p> <p>BOYETTE RESPONSE: Calculations by Richard Boyette show fasteners are structurally adequate. There is no cantilever</p> | |
|-------|--------------------------------|------|--|--|--|--|--|

| | | | | | | | | |
|-------|----------------------------------|--|--|--|---|---|---|--|
| | | | | | | | condition; the frame has a maximum 1/4" shim space. 2. Page 1, Jamb Fastener Requirements: Alternate: ASI 335 sealant in lieu of Lag screws? Please show the test data. I have included specification sheet for the "glue" and this was tested? .BOYETTE RESPONSE: Calculations by Richard Boyette show sealant is structurally adequate. | |
| 13177 | Response by Rick Boyette (Cont.) | | | | | | 3. Page 2, "Steel Support in vertical frame members not required" There is only one (1) test report listed. Isn't it necessary to provide a test to make such a claim? BOYETTE RESPONSE: Calculations by Richard Boyette show fasteners are structurally adequate. | |
| 13177 | Recommendation by Administrator | | | | d | d | d | <u>Recommend Deferral with condition of:</u> <u>Remove conditions not tested or certified</u> |

| | | | | | | | | |
|-----------------|---|---------------------------|--|---|--|--|--|-----|
| | | | | | | | <u>(impact systems need to be tested). Provide testing/certification of ASI 335 for all substrates or remove its use. Provide analysis of anchors to Administrator to verify compliance.</u> | |
| Entities | | | | | | | | |
| EVL - | NTA, Inc. | Product Evaluation Entity | | a | | | Recommend Approval by DCA | New |
| | Public Comment by Jaime Gascon | | | | | | This is the same entity as a already approved lab. Will this need legislative approval first, like IAPMO did? | |
| | Recommendation by DCA | | | | | | Application is in accordance with Rule 9B-72.100 FAC as amended by the FBC. | |
| | | | | | | | <u>Requires a modification of Rule 9B-72 and vote by FBC after the Rule modification.</u> | |
| | | | | | | | | |
| EVL - | Architectural Testing - Evaluation Service (ATI-ES) | Product Evaluation Entity | | a | | | Recommend Approval by DCA | New |
| | Public Comment by Jaime Gascon | | | | | | This is the same entity as a already approved lab. Will this need legislative approval first, like IAPMO did? | |

| | | | | | | | | |
|-------|---|-----------------------|---------|---|---|---|--|-----|
| | Recommendation by DCA | | | | | | Application is in accordance with Rule 9B-72.100 FAC as amended by the FBC. | |
| | | | | | | | <u>Requires a modification of Rule 9B-72 and vote by FBC after the Rule modification.</u> | |
| | Commentaries by Administrator | | | | | | | |
| 4451 | PlyFASTner LLC | Structural Components | Anchors | a | - | - | Recommend Approval | New |
| 4451 | Comentary and Recommendation by Administrator | | | y | y | y | Evaluation report is based on use of alternate materials. This approach is not allowed for statewide product approval. Therefore <u>Recommend Denial</u> | |
| 13389 | CertainTeed Corporation Siding Products | Panel Walls | Soffits | a | - | - | Recommend Approval | New |
| 13389 | Comentary and Recommendation by Administrator | | | c | c | c | The equivalency of standards on application is not an equivalency, but an explanation of the testing program performed to evaluate the product. <u>Recommend Conditional Approval with condition of:</u> | |

| | | | | | | | | |
|-------|---|----------------|-----------------------------------|---|---|---|---|-----|
| | | | | | | | <u>Remove the equivalency of standards on application and incorporate into the evaluation report the testing plan and compliance with testing standards required for the product.</u> | |
| | | | | | | | | |
| 13354 | JELD-WEN | Exterior Doors | Swinging Exterior Door Assemblies | a | a | a | <u>Recommend Approval</u> | New |
| 13354 | Comentary and Recommendation by Administrator | | | | | | The issues of the certification of plastics will be discussed by the POC. Recommendation is pending direction by POC on certification of plastics. | |

ATTACHMENT 8

COMMISSION BUDGET REPORT

CASH ANALYSIS

AS OF: December 31, 2009

2010

2-610000
Operating Trust Fund (Building Codes Only)

| | | Florida Building Code 9.75 (66.75%) | Product Approval 3 (20%) | Manufactured Building 2 (13%) | Accessibility Council 25 (102%) |
|--|--------------------|--|-----------------------------|-------------------------------------|---------------------------------------|
| Cash on Hand - 7/1/09 | \$1,588,919 | | | | |
| Revenue | | | | | |
| Building Permit Surcharge | \$879,268 | | | | |
| Manufactured Buildings | \$118,296 | | | | |
| Product Approval | \$51,200 | | | | |
| Transfer from BDFP | \$319,678 | | | | |
| Total Revenue Received | \$1,358,442 | | | | |
| Total Cash Available - | \$2,938,050 | | | | |
| Disbursements | | | | | |
| Services - 010000 | \$469,995 | \$300,372 | \$89,999 | \$58,499 | \$1,125 |
| OPS - 030000 | \$110,814 | \$73,960 | \$22,163 | \$14,408 | \$277 |
| Expense - 040000 | \$115,207 | \$76,191 | \$23,659 | \$14,289 | \$268 |
| OCO - 060000 | \$1,750 | \$1,165 | \$320 | \$227 | \$5 |
| Transfer to COH - 100000 | \$141,319 | \$94,330 | \$28,264 | \$18,371 | \$362 |
| Transfer to GSD T.F. FY 09/10 | \$0 | \$0 | \$0 | \$0 | \$0 |
| Contracted Services - 100777 | \$1,702 | \$3,139 | \$40 | \$11 | \$12 |
| Casualty Insurance - 103241 | \$31,821 | \$21,241 | \$6,384 | \$4,137 | \$50 |
| HR Outsourcing - 107040 | \$6,542 | \$6,634 | \$1,388 | \$500 | \$17 |
| Indirect Costs (80.65%) - 100000 | \$160,675 | \$100,675 | \$30,136 | \$19,698 | \$377 |
| Service Charge - 310222 | \$54,268 | \$35,224 | \$10,664 | \$7,056 | \$136 |
| Certified Forward - Accounts Payable & Encumbrance | \$61,196 | \$32,171 | \$9,639 | \$6,266 | \$120 |
| Refunds | \$0 | \$0 | \$0 | \$0 | \$0 |
| Total Disbursements | \$1,118,716 | \$744,783 | \$223,156 | \$155,851 | \$2,790 |
| ACTUAL CASH BALANCE 12/31/09 | \$1,822,270 | | | | |
| PROJECTED ACTIVITY: | | | | | |
| Revenue | | | | | |
| Manufactured Building | \$84,000 | | | | |
| Product Approval | \$100,000 | | | | |
| Surcharge | \$558,200 | | | | |
| Department of Business and Professional Regulation | \$27,000 | | | | |
| Sales of Code Books | \$20,000 | | | | |
| Total Revenue Estimated | \$866,200 | | | | |
| Appropriation Encumbrance Balance | | | | | |
| Services Appropriation Balance | \$502,235 | | | | |
| OPS Encumbrance | \$419,248 | | | | |
| OPS Appropriation Balance | \$862,861 | | | | |
| Expense Encumbrance | \$42,106 | | | | |
| Expense Appropriation Balance | \$168,165 | | | | |
| OCO Encumbrance | \$0 | | | | |
| OCO Appropriation Balance | \$170 | | | | |
| Contracted Services 100777 Encumbrance | \$8,321 | | | | |
| Contracted Services Appropriation Balance | \$965 | | | | |
| HR Outsourcing Appropriation Balance - 107040 | \$184 | | | | |
| Casualty Insurance Appropriation Balance - 103241 | \$0 | | | | |
| Indirect Cost Appropriation Balance | \$141,719 | | | | |
| Service Charge Appropriation Balance | \$140,732 | | | | |
| Transfer to COH Appropriation Balance | \$141,318 | | | | |
| Florida Building Code Special Category Encumbrance | \$0 | | | | |
| Transfer to GSD 09/10 (55.33% of Revenue) | \$0 | | | | |
| Certified Forward Unencumbered Balance | \$0 | | | | |
| Total Estimated Disbursements | \$2,341,714 | | | | |
| ESTIMATED CASH BALANCE 6/30/10 | \$203,847 | | | | |

*Note: Certified Forwards not included in appropriations.

**Florida Building Commission
Fiscal Year 2009-2010**

| | FY 2009-2010 Appropriation | Commission Building Code 9.75 (66.76%) | Product Approval 3 (20%) | Manufactured Building 2 (13%) | 67 Accessibility Council 25 (625%) | TOTAL |
|--|-------------------------------|--|-----------------------------|-------------------------------------|--|------------------------|
| Staff (Percentages based on number of staff assigned to category) | | | | | | |
| Scanner | \$ 952,730.00 | | | | | |
| -Scanner | \$ 622,371.00 | \$ 190,548.00 | \$ 128,656.00 | \$ 15,958.00 | \$ 952,730.00 | |
| Suttotal | \$ 622,371.00 | \$ 190,548.00 | \$ 128,656.00 | \$ 15,958.00 | \$ 952,730.00 | |
| OPS | \$ 1,390,413.00 | | | | | |
| -Facilities (09/10) | \$ 97,200.00 | \$ 510.00 | | | \$ 100,000.00 | |
| -BCIS Update/Plans (03/05/05) | \$ 40,875.00 | \$ 17,500.00 | \$ 47,500.00 | \$ 1,725.00 | \$ 100,000.00 | |
| -BCIS Security (06/05/05) | \$ 15,000.00 | \$ 32,500.00 | \$ 2,500.00 | | \$ 50,000.00 | |
| -Audio Services (07/13/0) | \$ 13,632.00 | \$ 2,340.00 | | | \$ 17,410.00 | |
| -Minutes (07/13/0) | \$ 14,084.00 | \$ 2,340.00 | | \$ 1,644.00 | \$ 18,000.00 | |
| -Manufactured Bldg - Monitoring | | | \$ 113,000.00 | | \$ 113,000.00 | |
| Research | \$ 134,000.00 | \$ 43,000.00 | \$ 26,000.00 | | \$ 200,000.00 | |
| -Municipal (6/7/09/13)** | \$ 201,000.00 | \$ 40,000.00 | \$ 33,000.00 | | \$ 300,000.00 | |
| Energy | | | | | | |
| -Code Development | \$ 100,000.00 | | | | \$ 100,000.00 | |
| -Computer Measurement**** | \$ 100,000.00 | | | | \$ 100,000.00 | |
| -Transfer Trainer**** | \$ 100,000.00 | | | | \$ 100,000.00 | |
| -Convenience Fees (06/7/08) | | \$ 4,000.00 | \$ 1,500.00 | | \$ 6,000.00 | |
| -Signet Services | | \$ 750.00 | | \$ 2,400.00 | \$ 2,400.00 | |
| -Webtx (05/09/09) | \$ 675.00 | \$ 750.00 | | \$ 75.00 | \$ 1,500.00 | |
| -2010 FBC Technical Assistance | \$ 10,000.00 | | | | \$ 10,000.00 | |
| -Other (6/7/09/13) | \$ 1,170.00 | \$ 3,471.00 | \$ 2,222.00 | \$ 308.00 | \$ 17,100.00 | |
| Suttotal | \$ 940,646.00 | \$ 263,594.00 | \$ 192,200.00 | \$ 6,970.00 | \$ 1,390,413.00 | |
| Expense: | \$ 325,968.00 | | | | | |
| -Travel | | | | | | |
| -Commission (07/13/0) | \$ 30,637.00 | \$ 12,078.00 | | | \$ 92,916.00 | |
| -Council | \$ 7,650.00 | | | \$ 15,000.00 | \$ 29,650.00 | |
| -Staff | \$ 29,536.00 | \$ 3,874.00 | | \$ 3,500.00 | \$ 29,600.00 | |
| -Meeting Site Rent (07/13/0) | \$ 16,140.00 | \$ 2,640.00 | | \$ 3,600.00 | \$ 22,600.00 | |
| -DCA Rent | \$ 30,969.00 | \$ 10,460.00 | \$ 5,760.00 | \$ 871.00 | \$ 52,600.00 | |
| -Telephones | \$ 1,567.00 | \$ 460.00 | \$ 398.00 | \$ 98.00 | \$ 2,500.00 | |
| -Webtx - 50 lines X 07 per min X 80 min X 12 meetings | \$ 2,260.00 | \$ 760.00 | \$ 491.00 | \$ 200.00 | \$ 3,700.00 | |
| -Cell Phones (6 wireless, 3 Blackberrys) | \$ 3,015.00 | \$ 900.00 | \$ 985.00 | | \$ 4,500.00 | |
| -Internet | \$ 3,332.00 | \$ 1,020.00 | \$ 663.00 | \$ 85.00 | \$ 5,100.00 | |
| -Office Supplies | \$ 5,226.00 | \$ 1,600.00 | \$ 1,040.00 | \$ 154.00 | \$ 8,000.00 | |
| -Reference Books/Journals/Statutes | \$ 26,760.00 | \$ 3,000.00 | \$ 5,000.00 | \$ 100.00 | \$ 40,000.00 | |
| -2010 FBC SupplementALIS | \$ 3,266.00 | \$ 1,660.00 | \$ 450.00 | \$ 94.00 | \$ 5,000.00 | |
| -Manufactured Building (01/30/09) | | | \$ 10,000.00 | | \$ 10,000.00 | |
| -Printing | \$ 1,340.00 | \$ 300.00 | \$ 200.00 | | \$ 2,000.00 | |
| -Other | \$ 17,438.00 | \$ 5,724.00 | \$ 3,398.00 | \$ 66.00 | \$ 26,122.00 | |
| Suttotal | \$ 226,619.00 | \$ 48,573.00 | \$ 26,344.00 | \$ 22,632.00 | \$ 309,548.00 | |
| Overhead | | | | | | |
| Operating Capital Grant (OCG) | \$ 1,920.00 | \$ 1,280.00 | \$ 884.00 | \$ 250.00 | \$ 1,920.00 | |
| Department of Health | \$ 282,637.00 | | | | \$ 282,637.00 | |
| Florida Administrative Weekly | \$ 11,678.00 | \$ 7,628.00 | \$ 2,338.00 | \$ 1,616.00 | \$ 11,678.00 | |
| Risk Management Insurance | \$ 31,821.00 | \$ 20,267.00 | \$ 6,364.00 | \$ 4,127.00 | \$ 31,821.00 | |
| Human Resource Services | \$ 7,137.00 | \$ 4,462.00 | \$ 1,477.00 | \$ 928.00 | \$ 7,137.00 | |
| Suttotal | \$ 325,968.00 | \$ 317,000.00 | \$ 10,511.00 | \$ 6,833.00 | \$ 309,193.00 | |
| Florida Building Commission Budget | \$ 3,006,904.00 | \$ 2,106,036.00 | \$ 603,224.00 | \$ 362,236.00 | \$ 46,409.00 | \$ 3,006,904.00 |
| OCA Overhead | | | | | | |
| -DCA Overhead | \$ 242,393.00 | \$ 111,020.00 | \$ 53,478.00 | \$ 59,478.00 | \$ 292,393.00 | |
| -7% General Revenue - 12.9M X 0.07 | \$ 229,000.00 | \$ 170,540.00 | \$ 56,560.00 | \$ 26,460.00 | \$ 203,000.00 | |
| Suttotal | \$ 471,393.00 | \$ 281,560.00 | \$ 110,038.00 | \$ 85,938.00 | \$ 495,393.00 | |
| TOTAL BUDGET | \$ 3,478,297.00 | \$ 2,387,596.00 | \$ 713,262.00 | \$ 448,174.00 | \$ 50,808.00 | \$ 3,478,297.00 |

Appropriation: Authority to spend cash

Footnotes:

- *Sign date depends on funds collected
- ** Develop best procedures for software, wage information
- ***March Orange National Lab - \$600K ann by UF
- ****March Stimulus Funds - ann by Energy Commission

FY 2008-09 Waiver Applications

87

| STAFF | FY 2009-2010 Appropriation | Florida Building Code 10 (67%) | Accessibility Council 25 (32%) |
|---|-------------------------------|-----------------------------------|-----------------------------------|
| Salaries | \$ 952,730.00 | | |
| - Salaries | \$ | 636,529.00 | 15,958.00 |
| Subtotal | \$ | 636,529.00 | 15,958.00 |
| CFS | \$ 1,293,413.00 | | |
| - Positions | \$ | 97,200.00 | |
| - BCIS Updates/Maint | \$ | 45,000.00 | 1,125.00 |
| - BCIS Security | \$ | 16,000.00 | |
| - Audio Services (6/9/11) | \$ | 15,147.00 | 1,515.00 |
| - Minutes (6/9/10) | \$ | 15,600.00 | 1,560.00 |
| - Manufactured Bldg - Monitoring | | | |
| - Research* | | | |
| - Hurricane** | \$ | 154,000.00 | |
| - Roating *** | \$ | 201,000.00 | |
| - Energy | | | |
| - Code Development | \$ | 100,000.00 | |
| - Compliance Measurement*** | \$ | 200,000.00 | |
| - Train-the-Trainer**** | \$ | 100,000.00 | |
| - Conference Fees - | | | |
| - Signer Services | \$ | 2,400.00 | 2,400.00 |
| - WebEx (6/9/10) | \$ | 700.00 | 70.00 |
| - 2010 FBC Technical Assistance | \$ | 10,000.00 | |
| - Other | \$ | 11,488.00 | 288.00 |
| Subtotal | \$ | 947,816.00 | 6,970.00 |
| Expense | \$ 325,568.00 | | |
| - Travel | | | |
| - Commission | \$ | 89,800.00 | |
| - Council | \$ | 16,000.00 | 16,000.00 |
| - Staff | \$ | 25,828.00 | 2,600.00 |
| - Meeting Site Rent | \$ | 19,140.00 | 2,000.00 |
| - DCA Rent | \$ | 34,840.00 | 871.00 |
| - Telephones | \$ | 1,641.00 | 29.00 |
| - WebEx - 50 lines x .07 per min x 60 min | \$ | 2,633.00 | 263.00 |
| - 12 meetings | \$ | 2,015.00 | |
| - Cell Phones (\$ wireless, 2 biobatteries) | \$ | 2,417.00 | 65.00 |
| - Internet | \$ | 6,800.00 | 134.00 |
| - Reference Books/Florida Statutes | \$ | 20,100.00 | |
| - 2009 FBC Supplement/CDS | \$ | 3,250.00 | 64.00 |
| - Manufactured Building Insighats | \$ | 1,340.00 | |
| - Printing | \$ | 14,688.00 | 372.00 |
| - Other | \$ | 14,688.00 | 372.00 |
| Subtotal | \$ | 260,427.00 | 22,838.00 |
| Overhead | | | |
| Operating Capital Outlay (OCO) | \$ | 1,820.00 | 1,285.00 |
| Department of Health | \$ | 292,837.00 | 282,837.00 |
| Florida Administrative Weekly | \$ | 11,676.00 | 7,604.00 |
| Risk Management Insurance | \$ | 31,621.00 | 21,920.00 |
| Human Resource Services | \$ | 7,137.00 | 4,782.00 |
| Subtotal | \$ | 335,151.00 | 317,849.00 |
| Florida Building Commission Budget | \$ 3,006,904.00 | \$ 2,154,221.00 | \$ 649.00 |
| DCA Overhead | | | |
| - DCA Overhead | \$ | 292,593.00 | 175,406.00 |
| - 7% General Revenue - \$2.3M x .07 | \$ | 203,000.00 | 120,540.00 |
| Subtotal | \$ | 495,593.00 | 295,946.00 |
| TOTAL BUDGET | \$ 3,502,497.00 | \$ 2,450,197.00 | \$ 51,001.00 |
| One-time BCIS Development Cost | | | \$ 25,000.00 |
| Total 1st Year Cost | | | \$ 76,001.00 |
| Total 2nd Year Cost | | | \$ 51,001.00 |