

FLORIDA BUILDING COMMISSION



FACILITATOR'S SUMMARY REPORT OF THE

APRIL 3, 2012

COMMISSION PLENARY SESSION

GAINESVILLE, FLORIDA USA

FACILITATION, MEETING AND PROCESS DESIGN BY



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FLORIDA BUILDING COMMISSION
SUPPLEMENT TO THE APRIL 3, 2012 MEETING MINUTES

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FLORIDA BUILDING COMMISSION

APRIL 3, 2012 FACILITATOR'S SUMMARY REPORT

OVERVIEW OF COMMISSION'S KEY ACTIONS AND DECISIONS

TUESDAY, APRIL 3, 2012

WELCOME

Chairman Browdy welcomed the Commission, staff and the public to Gainesville and the April 3, 2012 Plenary Session of the Florida Building Commission. The Chair explained that the primary focus of the April meeting is to decide on regular procedural issues including product and entity approvals, applications for accreditor and course approvals, petitions for declaratory statements, accessibility waivers, and recommendations from the Commission's various committees.

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.

Chairman Browdy explained that some of the licensing boards {*Board of Architecture and Interior Designers; Building Code Administrator and Inspector Board; Construction Industry Licensing Board; Electrical Contractors Licensing Board, and Board of Professional Engineers*} located within the Department of Business and Professional Regulation, have adopted rules regarding continuing education credits for attending Florida Building Commission meetings and/or Technical Advisory Committee meetings. Participants whose board participates may sign-in on the laptop located toward the left-rear of the meeting room.

PLENARY SESSION SUMMARY AND OVERVIEW

The Commission welcomes new Executive Director Jim Richmond replacing the retired Rick Dixon. The Commission appoints members and convenes the *Screen Enclosures Workgroup* in response to 2012 legislation. The Commission adopts teleconference/virtual meeting participation guidelines revisions. The Commission reviews and adopts the proposed *Updated Workplan*. The Commission votes to conduct teleconference rule development workshops for Rule 9N-3.015, the Product Approval Rule, Rule 9B-70.002 (3)(a)(e)(f)(g), the Education Rule, and Rule 9N-2.002, the Florida Building Code. The Commission decides on Accessibility Code waiver applications, product and entity approvals and revocations, accreditor and course approvals, petitions for declaratory statements, and legal and legislative issues. The Commission receives and decides on TAC, POC, Ad Hoc and workgroup reports and recommendations. The Commission votes to convey relevant Building Code System Assessment project recommendations to DBPR by forwarding them to the Agency with a letter of explanation from the Commission Chair. Commission approves Energy

Code compliance software submitted for approval. Commission receives general public comments and Commissioner comments and issues, and discusses assignments and issues for the next meeting scheduled for June 11-12, 2012 in Daytona Beach, Florida.

COMMISSION ATTENDANCE

Dick Browdy (Chair), Hamid Bahadori, Bob Boyer, Ed Carson, Kiko Franco, Ken Gregory, Dale Greiner, Jeff Gross, Jon Hamrick, Scott Mollan, Nick Nicholson, Rafael Palacios, John Scherer, Jim Schock, Chris Schulte, Drew Smith, Jeff Stone, and Tim Tolbert.

Absent:

Herminio Gonzalez and Mark Turner.

Vacant Positions:

Insurance Industry Representative;
Plumbing Contractor Representative;
Representative for Persons With Disabilities; and
Residential Contractor Representative.
State Insurance Representative (Department of Financial Services);

DBPR STAFF PRESENT

Leslie Anderson-Adams, Joe Bigelow, Jim Hammers, Ila Jones, Mo Madani, and Jim Richmond.

MEETING FACILITATION

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



PROJECT WEBPAGE

Information on the Florida Building Commission project, including agenda packets, meeting reports, and related documents may be found in downloadable formats at the project webpage link (URL):

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

Commission Webpage link (URL): <http://floridabuilding.org/c/default.aspx>

AGENDA REVIEW AND APPROVAL

The Commission voted unanimously, 18 - 0 in favor, to approve the agenda for the April 3, 2012 meeting as amended. Following are the key agenda items approved for consideration:

- To Consider Regular Procedural Issues: Agenda Approval and Approval of the January 31, 2012 Minutes and Facilitator's Summary Report, and the February 27, 2012 and March 12, 2012 Teleconference Summary Reports.
- 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 Legal and/or Legislative Issues.
- To Consider/Decide on Technical Advisory Committees (TACs): Energy, ~~Plumbing~~, Roofing, and Special Occupancy TAC Report/Recommendations.
- To Consider/Decide on Program Oversight Committees (POCs): Education and Product Approval POC Reports/Recommendations.
- To Consider/Decide on Ad Hoc/Workgroups: Building Code System Assessment Ad Hoc Report/Recommendations.
- To Review and Approve Energy Code Compliance Software.
- To Receive Public Comment.
- To Discuss Commissioner Comments and Issues.
- To Review Committee Assignments and Issues for the Next Meeting—June 11-12, 2012 in Daytona Beach, Florida.

Amendments to the Posted Agenda:

There was no Plumbing TAC meeting or Report.

(Attachment III—April 3, 2012 Commission Agenda)

REVIEW AND APPROVAL OF THE JANUARY 31, 2012 MINUTES AND FACILITATOR’S SUMMARY REPORT AND FEBRUARY 27, 2012 AND MARCH 12, 2012 TELECONFERENCE REPORTS

MOTION—The Commission voted unanimously, 18 - 0 in favor, to approve the January 31, 2012 Meeting Minutes and Facilitator’s Summary Report and February 27, 2012 and March 12, 2012 Teleconference Reports as presented/posted.

Amendments:

None.

CHAIR’S DISCUSSION ISSUES AND RECOMMENDATIONS

Appointments

Chairman Browdy made the following appointments at the April 3, 2011 meeting:

Florida Building Commission

Chairman Browdy reported that Jim Schock has been reappointed to the Commission. The Chair expressed congratulations on behalf of the Commission that Jim will remain on the Commission representing code officials.

Swimming Pool TAC

The Chair announced that as a result of the Commission receiving full authority regarding developing construction standards for public swimming pools and bathing places he was recommending formation of a Swimming Pool TAC. The Chair appointed Ken Gregory as chair and indicated he will make the appointments after reviewing recommendations.

Commission Action:

MOTION—The Commission voted unanimously, 18 - 0 in favor, to create a Swimming Pool TAC.

Screen Enclosures Workgroup

Chairman Browdy reported that the 2012 Florida Legislature assigned the Commission with establishing a workgroup to assist the Commission in developing a rule for implementing an alternative design method for screen enclosures which allows for the removal of a section of the screen to accommodate high-wind events consistent with the provisions of the Florida Building Code. The schedule requires the Commission to have completed rule development by January 2, 2013. The Workgroup will meet for the first time immediately following today's (April 3, 2012) Plenary Session. The chair made the following appointments to the *Screen Enclosures Workgroup*: Dan Arlington, Larry Carnley, Peter Coccaro, Dale Desjardins, Jamie Gascon, Jack Glenn, Santos Gonzalez, David Johns, Thomas Johnston, Do Kim, and Jeffrey Stone.

Welcoming Mr. Jim Richmond New Commission Director

Chairman Browdy stated that on behalf of the Commission he would like to welcome Jim Richmond back to the Commission's staff in his new role as Commission Director. Jim will bring his wealth of experience and years of close involvement in the development of the Code and related programs in his role as Director. The Chair indicated that in his view with the commitment of Jim and Mo to work collaboratively, the Commission will continue to provide the citizens of the State with the best Building Code System in the Country. The Commission welcomed Jim as Executive Director.

Teleconference and Meeting Participation Guidelines Revisions Proposal

Jeff Blair reviewed proposed revisions to the Commission's adopted teleconference and meeting participation guidelines designed to enhance the Commission's teleconference meetings and answered member's questions. Following questions and answers and discussion the Commission took the following action:

Commission Action:

MOTION—The Commission voted unanimously, 18 - 0 in favor, to adopt the revised Teleconference and Meeting Participation Guidelines as proposed.

(Attachment IV—Teleconference/Meeting Guidelines Revisions)

Commission Approval to Support Mo Madani's Participation in ICC Code Hearings in Dallas Texas

The Chair indicated that Mo Madani will be participating in the 2012 ICC Code Hearings in Dallas, Texas from April 28 to May 8, 2012. Its important for the Commission's staff to be involved in the development of the Foundation Codes for the Florida Building Code and to represent the Commission's interests. The Chair stated it is appropriate and beneficial for the Commission to support Mo's attendance by voting to approve his travel costs. Following questions and answers and discussion the Commission took the following action:

Commission Action:

MOTION—The Commission voted unanimously, 18 - 0 in favor, to to approve the payment of travel Funding for Mo Madani to participate in the 2012 ICC Code Hearings in Dallas, Texas.

Approval to Conduct Teleconference Rule Development Workshops for:

Rule Development Workshop on Rule 9N-3.015, Product Approval Rule

Rule Development Workshop on Rule 9B-70.002 (3)(a)(e)(f)(g), Education Rule

Rule Development Workshop on Rule 9N-2.002, Florida Building Code

Chairman Browdy reported that in order to move forward as expeditiously as possible with already approved rule development initiatives staff is recommending the Commission conduct teleconference rule development workshops for Rule 9N-3.015, the Product Approval Rule, Rule 9B-70.002 (3)(a)(e)(f)(g), the Education Rule, and Rule 9N-2.002, the Florida Building Code. Staff will schedule the meetings as soon as all of the necessary Agency reviews are complete. Following questions and answers, public comment and discussion the Commission took the following action:

Commission Action:

MOTION—The Commission voted unanimously, 18 - 0 in favor, to conduct teleconference rule development workshops for Rule 9N-3.015, Product Approval Rule and Rule 9B-70.002 (3)(a)(e)(f)(g), Education Rule, and Rule 9N-2.002, Florida Building Code.

REVIEW AND UPDATE OF COMMISSION WORKPLAN

Jeff Blair reviewed the updated Workplan and meeting schedule with the Commission and answered member's questions. Following questions and answers, public comment and discussion the Commission took the following action:

Commission Action:

MOTION—The Commission voted unanimously, 18 - 0 in favor, to approve the updated Commission Workplan and meeting schedule as presented.

MOTION—The Commission voted unanimously, 18 - 0 in favor, to defer Workplan Task 9 (Amend Rule to Establish Fees) to the Accessibility TAC for evaluation.

MOTION—The Commission voted unanimously, 18 - 0 in favor, to complete Workplan Task 10 (Recycling and composting recommendations) by folding the Task into 2013 Code Update process.

MOTION—The Commission voted unanimously, 18 - 0 in favor, to complete Workplan Task 13 (Asphalt shingle standards) by folding the Task into 2013 Code Update process.

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

CONSIDERATION OF ACCESSIBILITY WAIVER APPLICATIONS

Leslie Anderson-Adams, Accessibility Advisory Council legal advisor, presented the Accessibility Advisory Council recommendations for all applications, and the Commission reviewed and decided on the Waiver applications submitted for their consideration. A complete summary of accessibility waiver applications and Commission actions is included as an attachment to this Report.

(Included as Attachment VII—Accessibility Waiver Summary Report)

CONSIDERATION OF APPLICATIONS FOR PRODUCT AND ENTITY APPROVAL

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

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

CONSIDER APPLICATIONS FOR ACCREDITOR AND COURSE APPROVAL

Commissioner Stone 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 #499.0.

MOTION—The Commission voted unanimously, 18 – 0 in favor, to approve advanced course #500.0.

MOTION—The Commission voted unanimously, 18 – 0 in favor, to approve advanced course #501.0.

MOTION—The Commission voted unanimously, 18 – 0 in favor, to defer action on course #497.0.

MOTION—The Commission voted unanimously, 18 – 0 in favor, to approve advanced course #503.0.

MOTION—The Commission voted unanimously, 18 – 0 in favor, to approve advanced course #504.0.

MOTION—The Commission voted unanimously, 18 – 0 in favor, to defer action on advanced course #479.0.

MOTION—The Commission voted unanimously, 18 – 0 in favor, to approve advanced course #508.0.

MOTION—The Commission voted unanimously, 18 – 0 in favor, to approve advanced course #507.0.

MOTION—The Commission voted unanimously, 18 – 0 in favor, to approve advanced course #513.0.

MOTION—The Commission voted unanimously, 18 – 0 in favor, to approve the following administratively approved updated advanced courses on a consent agenda: course #: 403.1 (conditional), 325.1, 331.1, and 248.1.

MOTION—The Commission voted unanimously, 18 – 0 in favor, to approve the following self-affirmed updated course(s) on a consent agenda: course #: 77.4, 421.1, and 404.1.

(See Committee's Next Agenda for Linked Committee Report)

CONSIDERATION OF LEGAL ISSUES

Legal Report

Appeal of Binding Interpretations

None.

Petitions For Declaratory Statements

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

Second Hearings

There were no Second Hearings considered at the April 3, 2012 meeting.

First Hearings

DS 2011-096 by Jeffery Cooper of EPOX-Z Corporation

MOTION—The Commission voted 16 – 0 in favor, to approve the TAC’s recommendation on the petition.

DS 2011-097 by Jeffery Cooper of EPOX-Z Corporation

MOTION—The Commission voted 16 – 0 in favor, to approve the TAC’s recommendation on the petition.

DS 2012-013 by Ralph Koerber of ATCO Rubber Products, Inc.

The petition was withdrawn by applicant. No action required by the Commission.

DS 2012-016 by Kenneth Gregory of Holland/Evolution Pools

The petition was withdrawn by applicant. No action required by the Commission.

DS 2012-017 by Andrew Finlayson

MOTION—The Commission voted 18 – 0 in favor, to defer action on the petition until the June 12, 2012 Commission meeting, and to provide the petitioner with an *assisted listening device**.

Note: staff offered the petitioner an assisted listening device prior to the meeting, but the petitioner indicated that he would not require the use of an “assisted listening device”. At the meeting the petitioner decided he would require an “assisted listening device” to effectively participate in the discussion, and requested the Commission defer action on his petition until the June 2012 meeting in Daytona Beach.

DS 2012-019 by Lorraine Ross

MOTION—The Commission voted 18 – 0 in favor, to approve the TAC’s recommendation on the Petition.

DS 2012-020 by Lorraine Ross

MOTION—The Commission voted 18 – 0 in favor, to approve the TAC’s recommendation on the Petition.

DS 2012-021 by Joe Belcher of JDB Code Services, Inc.

MOTION—The Commission voted 18 – 0 in favor, to defer the petition back to the Energy TAC to ensure the TAC has an opportunity to review submitted comments and to receive legal staff’s

opinion. The Commission scheduled the Energy TAC meeting for June 11, 2012 at the Commission meeting.

CONSIDER LEGISLATIVE ISSUES

Mo Madani, DBPR Technical Staff, provided the Commission with an update on legislative issues and answered members' questions. Mo reviewed relevant sections of HB 704 and HB 1266. Following questions and answers, public comment and discussion the Commission took the following action:

Commission Action:

MOTION—The Commission voted unanimously, 18 - 0 in favor, to allow for the inclusion of DOJ actions in the current Accessibility Code rule development initiative.

(Included as Attachment VIII—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 linked to the committees' subsequent agendas for approval by the respective committees. Committee reports are available at the following URL (linked to Commission's April 3, 2012 Agenda): http://www.floridabuilding.org/fbc/commission/FBC_0112/index.htm

Building Code System Assessment Ad Hoc Committee

Jeff Blair presented the Committee report and answered member's questions.

Commission Actions:

MOTION—The Commission voted unanimously, 18 – 0 in favor, to accept the report (January 31, 2012).

MOTION—The Commission voted unanimously, 18 – 0 in favor, to adopt Ad Hoc's recommendations regarding the Building Code System Assessment project. The consensus recommendations implementation status tracking chart is included as "Attachment VI of this Report."

(Included as Attachment VI—BCSA Recommendations Implementation Tracking Chart)

(See Project Webpage for Report: <http://consensus.fsu.edu/FBC/bcsa.html>)

Education POC

Commissioner Stone presented the Committee's report and recommendations.

Commission Actions:

MOTION—The Commission voted unanimously, 18 – 0 in favor, to accept the report (March 26, 2012).

MOTION—The Commission voted unanimously, 18 – 0 in favor, to include in the Education rule development initiative proposed language regarding subsections (3)(e) and (4)(m) of Rule 61G20-6.002 FAC.

(See Committee's Next Agenda for Linked Committee Report)

Energy TAC

Commissioner Greiner presented the TAC's report and recommendations.

Commission Actions:

MOTION—The Commission voted unanimously, 18 – 0 in favor, to accept the reports (March 7, 2012 and March 26, 2012).

(See Committee's Next Agenda for Linked Committee Report)

Product Approval POC

Commissioner Carson presented the Committee's report and recommendations.

Commission Actions:

MOTION—The Commission voted unanimously, 18 – 0 in favor, to accept the report (March 22, 2012).

MOTION—The Commission voted unanimously, 18 – 0 in favor, to approve POC recommendations regarding Product Approval rule language changes for 61G20-3.007 and 61G20-3.013 regarding establishment of revocation criteria.

(See Committee's Next Agenda for Linked Committee Report)

Roofing TAC

Commissioner Schulte presented the Committee's report and recommendations.

Commission Actions:

MOTION—The Commission voted unanimously 18 – 0 in favor, to accept the report (March 6, 2012).

Special Occupancy TAC

Commissioner Hamrick presented the Committee's report and recommendations.

Commission Actions:

MOTION—The Commission voted unanimously 18 – 0 in favor, to accept the report (March 22, 2012).

ENERGY CODE COMPLIANCE SOFTWARE

Chairman Browdy reported that at the December meeting the Commission adopted the Energy Simulation Tool Approval Technical Assistance Manual. The Manual serves as a "Technical Assistance Manual" for computer tool vendors to use in a self-certification process for demonstrating compliance with the Energy Code performance compliance options for residential and commercial buildings. The Chair indicated that for the agenda item the Commission would consider approval of energy simulated calculation tools applications submitted by vendor(s) (vendors seek approval of their software by providing self-certification that the software submitted meets the requirements to demonstrate compliance of the 2010 Florida Energy Code for residential and/or commercial buildings and the procedures of the "Energy Simulation Tool Approval

Technical Assistance Manual, TAM-2010-1.0”0. The first application was approved at the January meeting. There was only one application for approval at the April 3, 2012 meeting. The Energy TAC reviewed the application and recommended conditional approval, as Commissioner Greiner reported during the Energy TAC report. Following an overview, questions and answers, public comment and Commission discussion, the Commission took the following action:

Commission Actions:

MOTION—The Commission voted unanimously, 18 – 0 in favor, to conditionally approve the REScheck UA by Pacific Northwest Labs software for demonstration of Code compliance, and to charge the Chair to work with staff to prepare and transmit a letter of approval to the vendor. Conditional on revising duct work requirements and conforming to relevant Energy Code Declaratory Statement decisions from the April 3, 2012 meeting

GENERAL PUBLIC COMMENT

Members of the public were offered an opportunity to provide comment during each of the Commission’s substantive discussion agenda items. In addition, Chairman Browdy invited members of the public to address the Commission on any issues under the Commission’s purview.

Public Comments:

- Arlene Stuart: appreciated the Commission for listening to the discussion on the Energy declaratory statement (DS 2012-021).
- Joe Martin: indicated he has submitted a code amendment to rewrite Chapter 20 FBC.
- C.W. Macomber: questioned why state agency regulations are carried forward. He will provide his questions in writing for legal staff to respond to.

COMMISSION MEMBER COMMENT AND ISSUES

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

Commission Member Comments:

- Jeff Gross: asked when Commissioners would receive the 2010 Code on CD (electronic)?
- Mo Madani response: they should be available soon. Staff has also brought hard copy codes for Commissioners to pick-up after the meeting.

NEXT COMMISSION MEETING OVERVIEW AND ISSUES

The June 11 - 12, 2012 Commission meeting in Daytona Beach, Florida will focus on initiating the 2013 Code development process and any approved rule development initiatives for the Education and Product Approval rules. Special issue workgroups/committees will meet as needed.

STAFF ASSIGNMENTS

- Provide an assisted listening device at the June 2012 meeting.
- Provide update on status of discussions between DBPR and DOH regarding commercial pools.
- Agenda item on Commission policy regarding amending the Code via declaratory statements.

ADJOURNMENT

The Chair thanked Commission members and the public for their attendance and participation, and adjourned the meeting at 11:55 AM on Tuesday, April 3, 2012 by unanimous vote (18 – 0 in favor).

ATTACHMENT I

MEETING EVALUATION RESULTS

APRIL 3, 2012—GAINESVILLE, FLORIDA

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

16 of the 18 Commissioners present completed *Evaluation Forms*.

1. OVERALL MEETING ASSESSMENT.

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

2. MEMBERS LEVEL OF AGREEMENT THAT THE MEETING OBJECTIVES WERE ACHIEVED.

- 9.88 Chairs Issues and Recommendations.
- 9.88 Teleconference and Meeting Participation Guidelines Revisions.
- 9.88 Approval to Conduct Teleconference Rule Development Workshops for: Rule 9N-3.015, Product Approval Rule, Rule 9B-70.002 (3)(a)(e)(f)(g), Education Rule, and Rule 9N-2.002, Florida Building Code.
- 9.88 Commission's Workplan and Meeting Schedule Review and Update.
- 9.75 Accessibility Waiver Applications.
- 9.88 Approvals and Revocations of Products and Product Approval Entities.
- 9.88 Applications for Accreditor and Course Approval.
- 9.88 Legal and Legislative Issues and Requests for Declaratory Statements.
- 9.88 TAC and POC Reports and Recommendations.
- 9.88 Workgroup, Ad Hoc, and Committee Reports and Recommendations.
- 9.88 Energy Code Compliance Software Approval.

3. HOW WELL THE FACILITATOR HELPED THE MEMBERS ENGAGE IN THE MEETING.

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

4. MEMBERS LEVEL OF SATISFACTION WITH THE MEETING.

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

5. HOW WELL THE NEXT STEPS WERE COMMUNICATED.

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

6. WHAT MEMBERS LIKED BEST ABOUT THE MEETING.

- Discussion.
- Discussions.

7. COMMENTS REGARDING HOW THE MEETING COULD HAVE BEEN IMPROVED.

- Nothing.

8. OTHER GENERAL COMMENTS.

- Jeff Blair did a great job as usual.

COMMENTS ON SPECIFIC AGENDA ITEMS:

None were offered.

PUBLIC-MEETING EVALUATION AND COMMENT RESULTS

None of the Public Comment Forms were completed.

ATTACHMENT II
KEY TO COMMON ACRONYMS

ACRONYM	DEFINITION
ADA	Americans With Disabilities Act
ADAAG	ADA Accessibility Guidelines for Buildings and Facilities
BCSA	Florida Building Code System Assessment
BOAF	Building Officials Association of Florida
DACS or FDACS	Florida Department of Agriculture and Consumer Services
DBPR	Department of Business and Professional Regulations
DCA	Department of Community Affairs
DEP or FDEP	Florida Department of Environmental Protection
DOH or FDoH	Florida Department of Health
EPA	U.S. Environmental Protection Agency
FACBC	Florida Accessibility Code for Building Construction
FAW	Florida Administrative Weekly
FBC	Florida Building Code
FBC	Florida Building Commission
FECC	Florida Energy and Conservation Code
IBC	International Building Code
ICC	International Code Council
POC	Program Oversight Committee (Education and Product Approval)
SAD	ADA Standards for Accessibility Design
TAC	Technical Advisory Committee

ATTACHMENT III

APRIL 3, 2012 MEETING AGENDA

FLORIDA BUILDING COMMISSION

APRIL 2-3, 2012

HILTON UNIVERSITY OF FLORIDA

1714 S.W. 34TH STREET, GAINESVILLE, FL 32607—352.372.3600

COMMISSION MEETING OBJECTIVES

- To Consider Regular Procedural Issues: Agenda Approval and Approval of the January 31, 2012 Minutes and Facilitator's Summary Report, and the February 13, 2012 Teleconference Summary Report.
- To Consider/Decide on Chair's Discussion Issues/Recommendations (appointments).
- To Review and Update the Commission's 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 Legal and/or Legislative Issues.
- To Consider/Decide on Committees Report/Recommendations: Building Code System Assessment Ad Hoc, Energy TAC, ~~Plumbing TAC~~, Roofing TAC and Special Occupancy TAC.
- To Consider/Decide on POCs: Education and Product Approval Program Oversight Committee (POCs) Reports/Recommendations.
- To Review and Approve Energy Code Compliance Software (if application(s) submitted).
- To Conduct a Rule Development Workshop on Rule 9N-3.015, Product Approval Rule, to implement equivalency of standards actions with regard to ASTM E 1996 (if approved).
- To Conduct a Rule Development Workshop on Rule 9B-70.002 (3)(a)(e)(f)(g), Education Rule (if approved).
- To Receive Public Comment.
- To Discuss Commissioner Comments and Issues.
- To Review Committee Assignments and Issues for the Next Meeting—June 11-12, 2012 in Daytona Beach, Florida.

COMMITTEE MEETING OBJECTIVES

- To Consider/Recommend Declaratory Statements and Computer Program Approval
- To Consider/Recommend Action on Approval of Products and Entities and Revocations
- To Consider/Recommend Action on Accreditor and Course Approval
- To Consider Other Business as Noticed

Commission Committees Teleconference Meetings Conducted Prior to the April Meeting

TUESDAY, MARCH 6, 2012

10:00 AM	Roofing TAC
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WEDNESDAY, MARCH 7, 2012

1:00 PM	Energy TAC
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WEDNESDAY, MARCH 21, 2012

2:00 PM	Accessibility Advisory Council
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THURSDAY, MARCH 22, 2012

10:00 AM	Special Occupancy TAC
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2:30 PM	Product Approval POC
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FRIDAY, MARCH 23, 2012

10:00 AM	Plumbing TAC Cancelled
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MONDAY, MARCH 26, 2012

10:00 AM	Education POC
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2:00 PM	Energy TAC
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Commission Committees/Workgroups On-Site Meetings at the April Meeting

TUESDAY, APRIL 3, 2012

8:30	Commission Plenary Session
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After Plenary	Screen Enclosures Workgroup
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COMMISSION MEETING AGENDA—TUESDAY, APRIL 3, 2012

All Agenda Times—including Adjournment—are Approximate and Subject to Change

8:30 AM	1.)	Welcome and Convene (Chair’s Roll Call)
	2.)	Agenda Review and Approval
	3.)	Review and Approval of January 31, 2012 Minutes and Facilitators Summary Report and February 27, 2012 and March 12, 2012 Teleconference Summary Reports
	4.)	Chair’s Discussion Issues and Recommendations:
		<ul style="list-style-type: none"> a.) Welcoming Mr. Jim Richmond New Commission Director b.) Committee/Workgroup Appointments c.) Teleconference Meeting Participation Guidelines Revisions Proposal d.) Travel Approval for Mo Madani to Attend ICC Code Hearings in Dallas Texas e.) Approval to Conduct Teleconference Rule Development Workshops for: Rule Development Workshop on Rule 9N-3.015, Product Approval Rule Rule Development Workshop on Rule 9B-70.002 (3)(a)(e)(f)(g), Education Rule Rule Development Workshop on Rule 9N-2.002, Florida Building Code
	5.)	Commission Workplan Update
	6.)	Accessibility Waiver Applications:
		<ul style="list-style-type: none"> 1.) The Upside Down Fun House, 11455 N. W. 107th Avenue, Doral 2.) Key Auto Company, 466 Southside Boulevard, Jacksonville 3.) CHJ Ventures LLC, 7120 S.W. 47th Street, Miami 4.) Alan Waserstein 5.) Selby Gardens Children’s Rainforest Garden, 811 South Palm Avenue, Sarasota
	7.)	Applications for Product and Entity Approval
	8.)	Applications for Accreditor and Course Approval
	9.)	Consideration of Legal and Legislative Issues: Binding Interpretations Product Approval Revocations Legislative Issues and Updates
	10.)	Petitions for Declaratory Statements:
		Second Hearings: None

	First Hearings: DS 2011-096 by Jeffery Cooper of EPOX-Z Corporation DS 2011-097 by Jeffery Cooper of EPOX-Z Corporation DS 2012-013 by Ralph Koerber of ATCO Rubber Products, Inc. DS 2012-016 by Kenneth Gregory of Holland/Evolution Pools DS 2012-017 by Andrew Finlayson DS 2012-019 by Lorraine Ross (Amended) DS 2012-020 by Lorraine Ross (Amended) DS 2012-021 by Joe Belcher of JDB Code Services, Inc. (amended)
11.)	Committee Reports and Recommendations:
	Building Code System Assessment Ad Hoc Committee Education POC Energy TAC Plumbing TAC Product Approval POC Roofing TAC Special Occupancy TAC
12.)	Consider Approval of Energy Code Compliance Software (If Any)
13.)	General Public Comment
14.)	Commissioner Comments and Issues
15.)	Adjourn Plenary Session
<i>Following Plenary</i>	Screen Enclosures Workgroup Organizational Meeting

Note: Meetings scheduled to follow the Plenary Session will be scheduled/ noticed to begin immediately on conclusion of the Commission Plenary Session. (This will provide flexibility to start the meeting after Plenary Session if the Plenary ends earlier or to start after lunch if Plenary ends later.)

ATTACHMENT IV
COMMISSION'S UPDATED WORKPLAN AND MEETING SCHEDULE

(UPDATED APRIL 3, 2012)

MEETING DATES

2012	LOCATION	RATE
January 30 - 31	St. Pete Beach (Tradewinds: 1.727.367.6461)	\$139
April 2 - 3	Gainesville (UF Hilton: 1.352.371.3600)	\$119
June 11 - 12	Daytona Beach (Daytona Hilton Hotel: 1.386.947.8061)	\$ 99
August 6 - 7	Tampa (Embassy Suites, USF: 1.813.977.7066)	\$ 93
October 8 - 9	Daytona Beach (Daytona Hilton Hotel: 1.386.947.8061)	\$ 99
December 3 - 4	Gainesville (UF Hilton: 1.352.371.3600)	\$119

2012 LEGISLATIVE TELECONFERENCE MEETINGS CONDUCTED	
DATE	TIME
January 17	10:00 AM
February 27	10:00 AM
March 12	10:00 AM

ACCESSIBILITY COUNCIL, EDUCATION POC AND PRODUCT APPROVAL POC TELECONFERENCE MEETINGS SCHEDULE		
ACCESSIBILITY COUNCIL	EDUCATION POC	PRODUCT APPROVAL POC
January 18 (PM)	January 18 (AM)	January 19 PM
March 21 (PM)	March 21 (PM)	March 22 (PM)
May 30 (PM)	May 30 (PM)	May 31 (PM)
July 25 (PM)	July 25 (PM)	July 26 (PM)
September 26 (PM)	September 27 (AM)	September 27 (PM)
November 19 (PM)	November 19 (AM)	November 27 (PM)
Note: Meetings to be held Wednesdays and Thursdays two weeks before Commission meetings except where rescheduled for holidays.		

2013	LOCATION	RATE
February 4 - 6		
April 8 - 10		
June 10 - 12		
August 12 - 14		
October 7 - 9		
December 9 - 11		
2014	LOCATION	RATE
February 3 - 5		
March 31 - April 2		
June 2 - 4		
August 4 - 6		
October 6 - 8		
December 8 - 10		
2015	LOCATION	RATE
February 2 - 4		
March 30 - April 1		
June 1 - 3		
August 3 - 5		
October 5 - 7		
December 7 - 9		

FLORIDA BUILDING COMMISSION 2012 WORKPLAN

ANNUAL ADMINISTRATIVE TASKS

1. REPORT TO 2013 LEGISLATURE (WORKPLAN PRIORITY: 3)

TASK	SCHEDULE
Commission identifies and receives draft recommendations report	10/9/12
Commission adopts Report and recommendations to 2013 Legislature	12/4/12
Editorial review	12/30/12
Chairman's final approval	1/6/13
Commission's Report to 2013 Legislature conveyed	2/1/13
STATUS PENDING: % COMPLETE	
0%	
<i>Origination: Commission. Annual task authorized by statute.</i>	

2. WORKPLAN PRIORITIZATION EXERCISE 2012/2013 (SEE ATTACHMENT I)

TASK	SCHEDULE
Review of Exercise instrument and on-line link provided	12/12
On-line survey conducted	12/12 -1/13
Survey results reviewed with Commission	2/13
STATUS PENDING: % COMPLETE	
0%	
<i>Origination: Commission. Annual Task.</i>	

3. COMMISSION EFFECTIVENESS ASSESSMENT SURVEY 2012/2013

TASK	SCHEDULE
Review of Survey instrument and on-line link provided	12/12
On-line Survey conducted	12/12 -1/13
Survey results reviewed with Commission	2/13
STATUS PENDING: % COMPLETE	
0%	
<i>Origination: Commission. Annual Task.</i>	

II. 2013 FBC CODE UPDATE DEVELOPMENT TASKS

4. 2013 UPDATE TO THE FLORIDA BUILDING CODE—COMBINE PRIMARY UPDATE AND GLITCH REVISIONS IN A SINGLE RULE PROCEEDING (WORKPLAN PRIORITY: 2)	
TASK	SCHEDULE
<i>Primary Code Development Phase:</i>	
2011 NEC published and available to the public;	01/2011
2012 International Codes published and available to the public;	09/2011
Commission selects 2012 I Codes and 2011 NEC as foundation for 2013 FBC (<i>Note: The 6 month delay between I Codes available to public and Commission selection as base for the next Florida Building Code edition was removed from law in 2010</i>)	12/6/2011
Staff evaluates Florida amendments resulting from direction of the Legislature and Commission initiatives to propose for inclusion in the 2013 FBC	1/2012 – 6/2012
Period for public to propose modifications to the 2012 I Codes	7/1/2012 – 8/1/2012
TACs consider proposed modifications	10/9-11/2012
Commission considers TAC recommendations <i>Rule Workshop</i>	2/4-5/2013
Draft 2013 (Florida Supplement plus I Codes) posted online	3/1/2013
<i>Glitch Correction Phase:</i>	
Period to propose glitch modifications to draft 2013 FBC	3/1/2013 – 5/1/2013
TACs consider proposed glitch modifications and develop public comment	6/10-11/2013
Commission considers proposed glitch mods and TAC comments	6/12/2013
Final Draft 2013 FBC posted online	7/12/2013
<i>Final Rule Hearing</i> on 2013 FBC/Commission approves final version of Code	8/13/2013
Rule Submitted to Secretary of State and Supplement posted online	9/2013
2013 FBC effective date	3/2014
Sub-Tasks	
a. Amend BCIS Forms and Commission Rule for Code Modification Proposals	
Authorize initiation of rule amendment	12/6/11
Rule development workshop	TBD
b. Review 2012 I Codes and 2012 NFPA 1 and NFPA 101 for Conflicts	
Joint Fire TAC/Fire Code Advisory Council review and recommendations	5/2012 – 6/2012
HVHZ modifications and availability as per F.S.	5/2012
Glitch proposals considered during “ <i>Glitch Correction Phase</i> ”	
2016 FBC and Cycles Going Forward	
2015 I Codes published and available	9/2014
Draft Code development period	4/2015 – 6/2015

Glitch amendments period	6/2015 – 8/2015
2016 Code Adopted (rule filed with Secretary of State)	9/2015
2015 Code effective date	3/2016
STATUS PENDING: % COMPLETE	
	100%
<i>Origination: Statutory Requirement to update the FBC every 3 years.</i>	

Note: Dates indicated in red are scheduled Commission meetings.

5. DETERMINATION OF EQUIVALENCY OF THE 2010 FBC, ENERGY- COMMERCIAL BUILDINGS TO US DEPARTMENT OF ENERGY DESIGNATED STANDARD - AND CERTIFICATION TO DOE	
TASK	SCHEDULE
Staff evaluation	1/2012 - 5/2012
Report to the Energy TAC and Commission	6/2012
Commission authorizes certification letter report to US DOE	6/2012
Propose any necessary changes for equivalency for 2013 FBC, Energy	7/1/2012
<i>(none expected but time is allowed for contingency)</i>	
STATUS PENDING: % COMPLETE	
5%	
<i>Origination: Commission. Code Update Process.</i>	

III. FLORIDA STATUTES/LEGISLATIVE TASKS

6. TRIENNIAL ASSESSMENT OF THE FLORIDA BUILDING CODE SYSTEM FOR REPORT TO THE FLORIDA LEGISLATURE (WORKPLAN PRIORITY: 4)	
TASK	SCHEDULE
PHASE I: Conduct Assessment Survey for Building Code System	
Appoint Commission Ad Hoc Committee (BCSA Ad Hoc)	
BCSA Ad Hoc Committee meeting Phase I	10/12/10
Committee delivers Report to Commission	10/13/10
Commission adopts Ad Hoc's Phase I recommendation for expanded assessment project <i>(See Attachment I—Expanded BCSA Workplan)</i>	12/08/10
Report to 2011 Legislature <i>(See Task 1)</i>	02/28/11
Phase II (Expanded Assessment)	1/11 – 10/11
Assessment Workshop I	4/7/11
Assessment Workshop II	6/6/11
Assessment Workshop III	8/8/11
Assessment Ad Hoc Committee reviews recommendations from workshops	10/10/11
Recommendations reviewed by Commission in public workshop	10/11/11
Commission finalizes recommendations and identifies further clarifications/consensus processes needed to develop specifics for recommendations.	12/11
Assessment project reported to the 2012 Legislature	1/2012
Phase III (Develop Consensus on Specific Legislative Recommendations)	

Implementation Tracking Chart reviewed by Commission	4/3/12									
Consensus projects conducted for recommendation specifics	2012									
Recommendations of changes to law reported to 2013 Legislature	02/13									
STATUS PENDING: % COMPLETE										
80%										
<i>Origination: Statute. Florida Statute, Chapter 553.77(1)(b), requires System review on triennial basis.</i>										

7. CERTIFICATION OF THE FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION BY THE US DEPARTMENT OF JUSTICE (DOJ) (WORKPLAN PRIORITY: 1)										
TASK	SCHEDULE									
2012 Florida Accessibility Code filed with Dept. of State and published on web	10/21/11									
2012 Florida Accessibility Code Printed	3/1/12									
Commission votes to pursue certification and notices intent	12/6/11									
Commission conduct public hearing on its submittal of FACBC to DOJ	1/31/12									
Certification package submitted to DOJ	3/12/12									
2012 Florida Accessibility Code takes effect	3/15/12									
Discussions with DOJ (attempt to complete before 2013 Legislature)	2012									
Revisions to 2012 Florida Accessibility Code to resolve any “possibly not equivalent” items (revisions to law if necessary then revisions to code)	2013									
Code certified by DOJ	2013									
STATUS PENDING: % COMPLETE										
50%										
<i>Origination: Statutory. Requirement to conform FACBC with SAD.</i>										

8. SCREEN ENCLOSURES WORKGROUP										
TASK	SCHEDULE									
Develop rule for implementing an alternative design method for screen enclosures allowing for removal of screen section to accommodate high-wind events consistent with the provisions of the Florida Building Code.	2012 - 2013									
Appoint <i>Screen Enclosures Workgroup</i>	April 3, 2012									
Workgroup Meetings	April 3, 2012—FBC May 16, 2012—Teleconference June 11, 2012—FBC									
Rule Development Workshop (Concurrent with FBC meeting)	August 7, 2012									
Rule Adoption Hearing, If Requested (Concurrent with FBC meeting)	October 9, 2012									
Rule Effective date	January 2, 2013									
STATUS PENDING: % COMPLETE										
5%										
<i>Origination: 2012 Florida Legislation SB704ER</i>										

9. AMEND RULES TO ESTABLISH FEES (WORKPLAN PRIORITY: 5)	
TASK	SCHEDULE
<ul style="list-style-type: none"> • Accessibility Code Waivers • Declaratory Statements • Non-Binding Opinions 	
Conduct workshop to discuss which programs to charge fees	10/13/10
Further action on rule adoption suspended pursuant to Governor Scott's Executive Order.	01/11
Staff recommends this be referred to Accessibility TAC for evaluation of Accessibility Waiver fees authority. <i>Approved by Commission.</i>	April 3, 2012
Conduct rule development workshop	TBD
Conduct Rule Adoption Hearing	TBD
File with the Department of State (if no notice of change)	TBD
Effective date	TBD
STATUS PENDING: % COMPLETE	
	20%
<i>Origination: Legislative assignment.</i>	

IV. WORKPLAN TASKS RESULTING FROM 2010 LEGISLATION: HB 7243

10. DEVELOP RECOMMENDATIONS THAT INCREASE RECYCLING AND COMPOSTING AND THE USE OF RECYCLABLE CONSTRUCTION MATERIALS AND CONSTRUCTION AND DEMOLITION DEBRIS (WORKPLAN PRIORITY: 10)	
TASK	SCHEDULE
Conduct assessment of the benefits of adopting a Florida Energy Conservation Code based on a national model code or standard as part of the TRIENNIAL ASSESSMENT OF THE FLORIDA BUILDING CODE SYSTEM FOR REPORT TO THE FLORIDA LEGISLATURE, TASK 6.	2012
Staff recommends this Task be folded into the 2013 Code Update Process. <i>Approved by Commission.</i>	April 3, 2012
Recommendations to Commission	10/9/12
STATUS PENDING: % COMPLETE	

V. COMMISSION INITIATED TASKS

11. BUILDING CODE SYSTEM UNIFORM IMPLEMENTATION EVALUATION WORKGROUP	
TASK	SCHEDULE
Evaluate how well the Commission's efforts to create a unified building code have been implemented throughout the State	2012 - 2013
Chair recommends and Commission votes to convene Workgroup	January 31, 2012
Appoint <i>Building Code System Uniform Implementation Evaluation Workgroup</i>	April or June 2012
Workgroup Meetings	TBD, 2012
Workgroup Submits recommendations to Commission	December, 2012
Consensus projects conducted for recommendation specifics	2013
Recommendations of changes to law reported to 2013 Legislature	February 2013
STATUS PENDING: % COMPLETE	
5%	
<i>Origination: Commission. Chairman's recommendation.</i>	

12. THRESHOLD BUILDING INSPECTIONS FOR STRUCTURAL ALTERATIONS OF EXISTING STRUCTURES (WORKPLAN PRIORITY: 6)	
TASK	SCHEDULE
Determine how the special inspections of threshold buildings statute applies to structural alterations to threshold buildings	2011 - 2012
Appoint a Threshold Building Inspections Work Group	10-11-11
Workgroup Meeting I	12/5/2011
Workgroup Meeting II (Pending FBPE's clarification and participation)	TBD
Report to the Commission and Board of Professional Engineers	1/31/12
STATUS PENDING: % COMPLETE	
10%	
<i>Origination: Commission. Stakeholder Request.</i>	

13. WIND STANDARDS FOR ASPHALT SHINGLES (WORKPLAN PRIORITY: 8)	
TASK	SCHEDULE
Review research on shingle performance and determine if building code requirements are adequate and propose any necessary modifications.	2011 - 2012
Appoint <i>Asphalt Shingle Workgroup</i>	10-11-11
UF/US DOE/Commission research project	2009 – 10/2011
Workgroup meetings	12/7/11 TBD
Staff recommends this Task be folded into the 2013 Code Update Process. <i>Approved by Commission.</i>	April 3, 2012
Propose modifications for 2013 FBC (if warranted)	4/2012

Review results of UF research for future code modifications	2012-2013
STATUS PENDING: % COMPLETE	
15%	
<i>Origination: Commission. Stakeholder Request.</i>	

14. HURRICANE PERFORMANCE STANDARDS FOR HINGED ENTRY DOORS (WORKPLAN PRIORITY: 9)	
TASK	SCHEDULE
Evaluate current FBC standards for hurricane related performance of hinged entry doors and recommend changes deemed critical to performance	2011 - 2012
Appoint a Hinged Door Wind Performance Workgroup	12/6/2011
Staff recommends teleconference Assessment Meeting with members. <i>Approved by Commission.</i>	April 3, 2012
Workgroup meetings	TBD
Report to the Structural TAC and Commission	TBD
STATUS PENDING: % COMPLETE	
5%	

ATTACHMENT V

TELECONFERENCE/VIRTUAL MEETING PARTICIPATION GUIDELINES REVISIONS

COME PREPARED. Review the agenda, presentations and background documents ahead of time. Schedule at least 15 minutes to prepare for the meeting/webinar – if you don't need it you can have the time back. Do the pre-work. Make notes and be ready with questions.

TEST THE TECHNOLOGY AHEAD OF TIME. Log in the day before to ensure full access to whatever online technology is being used. Check your headset and/or telephone system.

PARTICIPATION—VIDEO AND AUDIO: If you participate using your computer for audio (using a headset to listen and/or speak) do not use the teleconference call in number (it creates interference). You can listen and/or speak using your headset through the VOIP function of your computer. If you use your computer only for the video/visual function (to view presentations) you will need to call in on the teleconference line to listen and/or speak. Participants who wish to view the presentations will need to use their computers to log-in using the meeting URL provided on the meeting agenda whether they participate with VOIP or the teleconference participation option for audio and video functions.

TURN UP EARLY. Put the web address and teleconference details in your calendar and bookmark the web URL. Set the reminder 15 minutes ahead of the call.

REMOVE DISTRACTIONS. Schedule a quiet place to participate from. Clear your desk and computer desktop. Turn off email & instant messaging. Put your cell phone aside. Put a note on your office door. Create an environment that allows you to fully participate without distractions.

TAKE RESPONSIBILITY FOR YOUR OWN PARTICIPATION. Don't plan to do any "catch up" activities during the call. If you catch yourself multi-tasking, close your eyes and listen. Avoid side conversations whether in the room with colleagues or in an online chat space. Keep your phone on "Mute" unless speaking. Never place your phone on "Hold". Be aware that when your phone is on speaker mode it transmits background noise and can interfere with the meeting.

BE AWARE OF AIR TIME. Fully participate while allowing others to do the same. Speak your name before making a comment.

FOLLOW COMMISSION'S MEETING PARTICIPATION GUIDELINES*. Do not speak without acknowledgement from the chair and/or facilitator. Speaking out of turn is very disruptive to a virtual meeting.

SUPPORT THE FACILITATOR. Acknowledge questions and pay attention. Use the raise hand function to speak and wait for the facilitator to invite questions and/or comments. The facilitator will create a speakers list at all appropriate times during the meeting. Keep your phone on "Mute" (not "Hold") whenever possible.

ADOPTED REVISIONS TO GUIDELINES

- Prepare for the Meeting. Review documents and background material prior to attending.
- Keep to the agenda and meeting procedural guidelines.
- The Commission's meeting process is an opportunity to explore possibilities. Offering or exploring an idea does not necessarily imply support for it.
- Listen to understand. Seek a shared understanding even if you don't agree.
- Be focused and concise—balance participation & minimize repetition. Share the airtime.
- Look to the chair/facilitator to be recognized. Please raise your hand to speak.
- Speak one person at a time. Please don't interrupt each other.
- Focus on issues, not personalities. Avoid stereotyping or personal attacks
- To the extent possible, offer options to address others' concerns, as well as your own.
- Participate fully in discussions, and complete meeting assignments as requested.
- Serve as an accessible liaison, and represent and communicate with member's appointed stakeholder group.

ATTACHMENT VI
BUILDING CODE SYSTEM ASSESSMENT RECOMMENDATIONS IMPLEMENTATION TRACKING CHART

BUILDING CODE SYSTEM ASSESSMENT PRIORITIZED CONSENSUS RECOMMENDATIONS IMPLEMENTATION STATUS TRACKING CHART		
RANK ORDER (1-27)	RECOMMENDATION (BUILDING CODE SYSTEM FOUNDATION #: I-V)	IMPLEMENTATION STATUS
1	a.) FBC (NEC) available on-line and fully searchable (I.)	Below
Staff is implementing this recommendation through the BCIS, search functionality will be limited by third-party website's requirements/functionality.		
1	b.) Use workgroup process to address special topical issues (II.)	Commission already uses this process
1	c.) Notify stakeholders on updates, issues and notifications (II.)	Below
Staff is implementing this recommendation through the BCIS, and will work with the DBPR IT to access emails to increase number of licensees that receive information from the FBC. In addition, staff will work with stakeholder associations (i.e., BOAF, BASF, etc.) to provide links and encourage stakeholders to register with the BCIS to receive updates and communications.		
1	d.) Seek legislative authority for the Commission to challenge local technical amendments (III.)	Below
Recommendation will be referred to the <i>Building Code System Uniform Implementation Evaluation Workgroup</i> . Staff will provide relevant background information to assist the Workgroup's evaluation of the issue.		
1	e.) Comprehensive searchable FBC System data-base (IV.)	Below
Staff will configure the BCIS database to implement search functionality that will be limited to searching within each specific module (i.e., Education, Product Approval, etc.).		
1	f.) Recommendations to DBPR: <ul style="list-style-type: none"> • DBPR/licensing boards evaluate laws and rules CE req's. (IV.); • DBPR/licensing boards evaluate core course requirement; • DBPR/licensing boards evaluate trainer qualifications; • DBPR/licensing boards evaluate using FBC education approval process; • DBPR/licensing boards evaluate using FBC evaluation model for course accreditation; • DBPR/licensing boards/DSFM evaluate whether to approve/accredit & require joint training; and • DBPR/licensing boards evaluate mandatory Code CEU requirements for code officials. 	Below
BCSA Ad Hoc's recommendation to send letters to DBPR and DSFM pending approval by the Commission at the April 3, 2012 meeting		

1	g.) Enhance Product Approval data-base (part of BCIS) (V.)	Below
Staff has already initiated a multi-year project to enhance the BCIS generally and the Product Approval module specifically. The plan is available for review and comment, and updates are reported to the Product Approval POC on a regular basis.		
8	h.) Link all local technical amendments to FBC (II.)	Below
Staff will evaluate this issue as part of a long-term database development project.		
9	i.) Ensure local jurisdictions receive regular updates (establish process); acknowledge receipt function. (I.) <i>See implementation task for recommendation c.) above.</i>	Below
Staff will evaluate this recommendation as part of the BCIS enhancements project.		
9	j.) Statewide requirement for how product approval documentation should be submitted to building departments (V.)	Below
Recommendation will be referred to the <i>Building Code System Uniform Implementation Evaluation Workgroup</i> . Staff will provide relevant background information to assist the Workgroup's evaluation of the issue.		
11	k.) With BOAF ensure code interpretations are consistent (III.)	Below
Recommendation will be referred to the <i>Building Code System Uniform Implementation Evaluation Workgroup</i> . Staff will provide relevant background information to assist the Workgroup's evaluation of the issue.		
11	l.) Require FBC approval of local technical amendments (III.)	Below
Recommendation will be referred to the <i>Building Code System Uniform Implementation Evaluation Workgroup</i> . Staff will provide relevant background information to assist the Workgroup's evaluation of the issue.		
13	m.) Interagency coordination workgroup between state regulatory agencies and local jurisdictions (I.)	Below
Recommendation will be referred to the <i>Building Code System Uniform Implementation Evaluation Workgroup</i> . Staff will provide relevant background information to assist the Workgroup's evaluation of the issue.		
13	n.) Workgroup to ensure that the ISO recognizes the FBC (I.)	Below
Staff will contact ISO and the recommendation will be referred to the <i>Building Code System Uniform Implementation Evaluation Workgroup</i> . Staff will provide relevant background information to assist the Workgroup's evaluation of the issue.		
15	a.) <i>Develop secure dedicated funding source for Commission (II.)</i>	Below
The Commission already has a dedicated funding source from the Building Code Permit Surcharge.		
16	p.) Salt-air corrosion requirements for connectors (I.)	Below
Staff will refer this issue to relevant committee to evaluate (i.e., Hurricane Research Advisory Committee) and seek a sponsor to submit any proposed code change(s) once evaluated by the committee.		
16	q.) FBC I-Code participation evaluation (I.)	Below
BOAF is participating in the I-Code process. Recommendations will be referred to the <i>Building Code System Uniform Implementation Evaluation Workgroup</i> .		
16	r.) Workgroup to evaluate current education system (IV.)	Below
Recommendation will be referred to the <i>Building Code System Uniform Implementation Evaluation Workgroup</i> .		
19	s.) <i>Insurance credits/incentives for building better/stronger than code (I.)</i>	Below
This issue is outside the scope of the Commission's purview and authorities.		

20	t.) Workgroup on non-binding opinions for FACBC (I.)	Below
Recommendation will be referred to the <i>Building Code System Uniform Implementation Evaluation Workgroup</i> . Staff will provide relevant background information to assist the Workgroup's evaluation of the issue.		
21	u.) Coastal HHZ building construction provisions workgroup (I.)	Below
Recommendation will be referred to Hurricane Research Advisory Committee for evaluation at a future meeting.		
22	v.) <i>Convene topical workgroups for Code Updates (I.)</i>	Below
Commission uses this process and staff will convene workgroups to review proposed code amendments as needed.		
23	w.) <i>Clarify agricultural exemptions (process) (I.)</i>	Below
Issue is under authority of Department of Agriculture and Consumer Services (FDACS).		
24	x.) Cross-reference table regarding state agency regulations (I.)	Below
Recommendation will be referred to the <i>Building Code System Uniform Implementation Evaluation Workgroup</i> . Staff will provide relevant background information to assist the Workgroup's evaluation of the issue.		
24	y.) AA program for building officials (IV.)	Below
Recommendation will be referred to the <i>Building Code System Uniform Implementation Evaluation Workgroup</i> .		
26	z.) <i>Joint workgroup to develop SOPs and MOUs for use by local Emergency Operation Centers (EOC) (I.)</i>	Below
This has already been developed. Staff will request a status update from BOAF and report to Commission.		
27	aa.) Evaluate all exemptions/exceptions in the Code (I.)	Below
Recommendation will be referred to the <i>Building Code System Uniform Implementation Evaluation Workgroup</i> . Staff will provide relevant background information to assist the Workgroup's evaluation of the issue.		

Note: Italicized recommendations have been implemented.

ATTACHMENT VII

ACCESSIBILITY WAIVER SUMMARY

WAIVERS FROM ACCESSIBILITY CODE REQUIREMENTS—APRIL 3, 2012

The Council met via webinar on March 21, 2012 at 2:00 p.m. Members present were Jack Humburg (chair), Bill Riha, Bob Gerwe, Barbara Page, and Catherine Powell.

The Council reviewed and made recommendations for disposition of waivers for the following projects.

The Commission took the following actions regarding waivers.

1. The Upside Down Fun House, 1455 NW 107th Ave., Doral, FL 33175:

The applicant, Francisco “Franky” Miguez, Jr., appeared telephonically before the Council. The applicant is requesting a waiver from providing vertical accessibility to all levels, and from grade level to the entry door level, of a proposed new amusement structure with an estimated cost of \$250,000. Access to the entry door will be 6 feet above grade, and will be gained from stairs. The interior floor angle is 5% in the travers axis, and 6% at the length axis. The applicant asserts that the requirement to make all levels of this structure accessible would negate the entire concept of the project as amusement, and would render it nonviable as an enterprise. Estimates of \$30,000 and \$31,000 for a lift were submitted. The project is under design, and the local building official has referred the applicant to the Commission before submitting the plans for review by the building department.

Action: The Commission deferred action on the waiver until the June 12, 2012 meeting at applicant’s request.

Recommendation: The Council recommended denial because FBC has no authority to waive Federal ADA requirements.

2. Key Auto Company, 4660 Southside Blvd., Jacksonville, FL 32256:

The applicant did not appear before the Council. The applicant is requesting a waiver from providing vertical accessibility to the second floor offices and conference room of an existing automobile dealership that is undergoing renovation. The project consists of 1) upgrading building finishes, at a cost of \$308,000, and 2) installing new exterior signage, at a cost of \$210,580. Estimates of \$147,502 and \$166,938 for installation of an elevator were submitted to substantiate the applicant’s assertion of disproportionate cost.

Action: The Commission voted that the Order be issued containing an advisory that a waiver is not necessary, but is being granted to the extent that it is necessary because the Building Official has requested it.

3. CHJ Ventures L.L.C., 7120 S.W. 47th Street, Miami, Florida 33155:

The applicant, Carlos Castellenos, did not appear before the Council. Jorge Azze, architect, attempted to participate in the teleconference but was unable connect successfully. The applicant requested a waiver from providing vertical accessibility to the second floor of a 2,352 square foot office unit in a warehouse. Work has previously been performed on the unit and the owner has applied for an amnesty permit to bring it into code compliance since the previous work was unpermitted. Estimates of \$22,622, \$28,373, and \$42,754 were submitted as documentation of the cost of making the second floor accessible. The matter was deferred from the January 31, 2012 Commission meeting because the cost and extent of the previous unpermitted work had not been provided, nor was it known whether that work was performed by the current or a previous owner. The applicant subsequently provided that information.

Action: Commission approved/granted the waiver, on the basis of disproportionate cost/extreme hardship.

4. Alan Waserstein, 1225 Collins Avenue, Miami Beach, Florida 33139:

This application previously came before the Commission on December 6, 2011, at which time a waiver was granted for two of the three buildings for which waivers were requested. The third building, #1225, was deferred to the Council meeting on March 21 to enable the applicant to provide further information about the costs and structural difficulties of installing an elevator. The applicant did not appear at the Council meeting, but has been in contact with staff and requested that the Council further defer the matter to the next meeting.

Action: Commission voted to defer to the next Council meeting, and that this would be the last deferral.

5. Selby Gardens, Children’s Rainforest Garden – Tree house and Canopy Walk features, 811 South Palm Ave., Sarasota, FL 34236:

The applicant, Ryan W. Sollars, appeared telephonically before the Council. The applicant requested a waiver from providing vertical accessibility to two features in the new children’s garden. The cost of the project is \$1,750,000.00, and is new construction. According to the applicant, the project is in the plan review stage; no permit has yet been certified. An estimate of \$76,755.00 for the installation of two lifts was submitted. The applicant stated that ramping is not feasible in this case due to waterfront setbacks, and asserts that installation of two lifts will create a financial hardship.

Action: Commission voted to deny the waiver, because the federal requirement of accessible routes cannot be waived by the Commission, and the project does not fall within any of the exemptions to § 553.509, F.S.

ATTACHMENT VIII

LEGAL REPORT

DECLARATORY STATEMENT INTERPRETATIONS

SECOND HEARINGS—APRIL 3, 2012

There were no second hearings at the April 3, 2012 meeting.

FIRST HEARINGS—APRIL 3, 2012

DS 2011-096 by Jeffery Cooper of EPOX-Z Corporation

Question: Does the EPOX-Z cool roof coating product fall within the scope of Rule 9N-3?

Answer: Yes, the product in question is a roofing system and thus falls within the scope of Rule 9N-3. However, approval of this product is subject to approval under the local authority having jurisdiction product approval or the state product approval.

DS 2011-097 by Jeffery Cooper of EPOX-Z Corporation

Question: Do the abovementioned EPOX-Z industrial products fall within the scope of the Rule 9N-3?

Answer: Yes: When used as a roofing product or component, the products in question do fall under Rule 9N-3 and thus are subject to approval under the local authority jurisdiction product approval or the state product approval.

DS 2012 – 013 by Ralph Koerber of ATCO Rubber Products, Inc. (Withdrawn)

DS 2012 – 016 by Kenneth Gregory of Holland/Evolution Pools (Withdrawn)

DS 2012 – 017 by Andrew Finlayson (Deferred)

Assistive listening device is to be made available at the next meeting. Staff will contact Mr. Finlayson regarding the date, time and location of the next meeting.

~~Recommend dismissal for lack of jurisdiction. The Petitioner is requesting a clarification on whether the BO should be required to go back to an existing facility and require accessibility upgrades long after a permit and CO have been issued and without a new permit having been applied for.~~

DS 2012 – 019 by Lorraine Ross

The answer to the question, *In Table 502.1.1.1(2), which is the correct insulation level for Roofs, an R-value of 38 or a U-factor of 0.033, which equates to an R-value of 30? If the correct answer is R-38, then the corresponding U-factor should be 0.025*, the answer is that the R-38 roof insulation value is correct; the corresponding U-value should be ($U \leq 0.027$).

DS 2012 – 020 by Lorraine Ross

Question 1.

- a. The answer to Question 1, *Are the U-values for mass walls incorrect as listed in Table 402.1.1.3 (reference by prescriptive path Section 402.1.1.2) and its applicable footnote b?* the answer is Yes. Table 402.1.1.3, Equivalent U-Factors, was intended to reflect the R-values in Table 402.1.1. Table 402.1.1.3 now compares the U-factor for insulation located on the interior of mass walls to that specified for insulation located on the exterior of mass walls in Table 402.1.1. Thus, footnote b should be corrected to read: “When more than half the insulation is on the exterior interior, the mass wall factors shall be a maximum of 0.165.”
- b. The answer to the question, *Are the U-values stated in Table 402.1.1.3 in violation of Florida Law, because these values contradict the value of thermal mass by requiring more insulation on the exterior of the wall than the interior side of the wall?* The answer is that this question is beyond the scope of this DEC statement.

Question 2.

The answer to the question, *If only the insulation for mass walls, as shown in Table 402.1.1 and Table 402.1.1.3 meets the applicable R-factor or U-factor, does this alone constitute “compliance with the Florida Energy Code”, or must all footnotes contained within Table 402.1.1.3 also be met in order to use the prescriptive path?* the answer is that all other prescriptive criteria of Table 402.1.1, the prescriptive criteria in Section 402.1.2.4 and footnotes to Table 402.1.1.3 shall also be met.

Question 3.

The answer to the question, *How has the compliance software and applicable reports derived from this software addressed the discrepancies in the insulation values for mass walls using the prescriptive compliance path as well as the requirement that ALL footnotes shown in Table 402.1.1 and Table 402.1.1.3 must be met before compliance with the Florida Energy Code can be claimed?* the answer is that this question is beyond the scope of this DEC statement.

DS 2012 - 021 by Joe Belcher of JDB Code Services, Inc. (Deferred for further consideration by the Energy TAC)

Question 1.

The answer to the question, *Regarding replacement fenestration, are replacement of windows or doors required to meet the provisions of FBC-EC at Section 402.3.6 where the windows or doors replaced within a twelve month period do not meet the code definition of renovation?*, the answer is NO, not unless the cost of the job (calculated over a year period) exceeds 30 percent of the assessed value of the structure.

Question 2.

The answer to the question *Regarding replacement fenestration, are replacement of windows or doors required to meet the provisions of the FBC-EC at Section 402.3.6 where the windows or doors replaced within a twelve month period do not meet the statutory definition of renovation?*, the answer is NO, not unless the cost of the job (calculated over a year period) exceeds 30 percent of the assessed

value of the structure. The definition in *Florida Statutes* has been appropriately clarified by the code.

Question 3.

The answer to the question, *Is Note d to Table 101.4.1 intended to codify Chapter 553.902 Florida Statute?*, the answer is YES, when Florida law was superimposed upon the language in the base document (the *International Energy Conservation Code*), the renovations clause was included under Section 101.4 of the *Florida Building Code, Energy Conservation, Applicability*, as footnote d to Table 101.4.1.

Question 4.

The answer to the question, *Regarding the conflict between Sections 101.4.1 and 402.3.6, does 101.4.1 prevail since it reflects statutory requirements?*, the answer is YES, the criteria of Section 101.4, including footnote “d” to Table 101.4.1, take precedence to the requirements of Section 402.3.5 because they determine applicability of the code to existing buildings as determined by Florida law.

ATTACHMENT IX
PRODUCT AND ENTITY APPROVAL REPORT

ID	Manufacturer	Category	Subcategory	TBA	POC	FBC	Comments	
Evaluation by Engineer/ Architect Method - FBC Voted Approval								
389-R5	American Shutter Systems Association, Inc.	Shutters	Accordion	a	a	a	Recommend Approval	Revision
400-R4	American Shutter Systems Association, Inc.	Shutters	Roll-up	a	a	a	Recommend Approval	Editorial Change
872-R4	Southern Extrusion, Inc	Shutters	Bahama	a	a	a	Recommend Approval	Revision
1779-R3	Metals USA Building Products	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
1800-R6	ADCO Products, Inc.	Roofing	Cements- Adhesives- Coatings	a	a	a	Recommend Approval	Revision
1850-R7	American Shutter Systems Association, Inc.	Shutters	Accordion	a	a	a	Recommend Approval	Editorial Change
1999-R4	ITW Building Components Group Inc.	Structural Components	Truss Plates	a	a	a	Recommend Approval	Revision
2355-R4	Simpson Strong- Tie Co.	Structural Components	Anchors	a	a	a	Recommend Approval	Revision
2533-R7	CertainTeed Corporation- Roofing	Roofing	Modified Bitumen Roof System	a	a	a	Recommend Approval	Revision

2773-R3	KD Manufacturing	Shutters	Storm Panels	a	a	a	Recommend Approval	Revision
3072-R3	Morton Buildings, Inc	Panel Walls	Siding	a	a	a	Recommend Approval	Revision
3670-R3	Alutech United, Inc.	Shutters	Roll-up	a	a	a	Recommend Approval	Revision
3722-R4	Steel Built Corp.	Structural Components	Roof Deck	a	a	a	Recommend Approval	Revision
3985-R5	Steel Built Corp.	Panel Walls	Siding	a	a	a	Recommend Approval	Revision
4077-R3	Edco Products, Inc.	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
4103-R5	TAMKO Building Products, Inc.	Roofing	Roofing Accessories that are an Integral Part of the Roofing System	a	a	a	Recommend Approval	Revision
4205-R5	Johns Manville	Roofing	Roofing Insulation	a	a	a	Recommend Approval	Editorial Change
4236-R2	Dimensional Metals Inc.	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
4272-R3	Columbia Aluminum Products, LLC	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
4525-R2	Metal Building Supplies, LLC	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
4595-R2	Tri-County Metals	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
4599-R2	Garrison Design & Construction	Structural Components	Roof Deck	a	a	a	Recommend Approval	Revision
4611-R2	Charlotte Sheet Metal	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
4718-R2	Metals USA Building Products	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
4930-R3	Seaman	Roofing	Single Ply	a	a	a	Recommend	Revision

	Corporation		Roof Systems				Approval	
4953-R2	Spilker Roofing and Sheet Metal	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
5016-R2	Trinity Glass International	Windows	Fixed	a	a	a	Recommend Approval	Revision
5102-R2	Ready Access Inc.	Windows	Pass Through	a	a	a	Recommend Approval	Revision
5191-R2	Wheeling Corrugating Company	Structural Components	Roof Deck	a	a	a	Recommend Approval	Revision
5211-R3	MILLENNIUM METALS INC.	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
5215-R3	BITEC, INC.	Roofing	Underlayments	a	a	a	Recommend Approval	Revision
5218-R1	Thompson Architectural Metals Company, Inc.	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
5219-R1	Thompson Architectural Metals Company, Inc.	Roofing	Roofing Accessories that are an Integral Part of the Roofing System	a	a	a	Recommend Approval	Revision
5293-R5	GAF	Roofing	Single Ply Roof Systems	a	a	a	Recommend Approval	Revision
5335-R2	Vulcan Steel Structures, Inc.	Structural Components	Structural Wall	a	a	a	Recommend Approval	Revision
5346-R2	Vulcan Steel Structures, Inc.	Structural Components	Roof Deck	a	a	a	Recommend Approval	Revision
5365-R2	Metal Building Supplies, LLC	Structural Components	Structural Wall	a	a	a	Recommend Approval	Revision
5500-R3	Elite Aluminum Corporation	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
5587-R6	Wayne-Dalton, a division of	Exterior Doors	Sectional Exterior Door	a	a	a	Recommend Approval	Revision

	Overhead Door Corporation		Assemblies					
5790-R8	American Shutter Systems Association, Inc.	Shutters	Roll-up	a	a	a	Recommend Approval	Revision
5852-R2	Eustis Roofing Company	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
5889-R2	Shwinco of Alabama, LLC.	Windows	Mullions	a	a	a	Recommend Approval	Revision
6067-R4	Silverline Building Products Corp.	Windows	Mullions	a	a	a	Recommend Approval	Revision
6250-R2	Morton Buildings, Inc	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
6278-R2	Corle Building Systems	Structural Components	Roof Deck	a	a	a	Recommend Approval	Revision
6282-R2	Corle Building Systems	Structural Components	Structural Wall	a	a	a	Recommend Approval	Revision
6332-R3	3M Company	Roofing	Roof Tile Adhesives	a	a	a	Recommend Approval	Revision
6364-R2	BMP Metal Products-Bessemer	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
6696-R2	Connell Sheet Metal & Trim, Inc.	Structural Components	Structural Wall	a	a	a	Recommend Approval	Revision
6700-R2	Connell Sheet Metal & Trim, Inc.	Structural Components	Roof Deck	a	a	a	Recommend Approval	Revision
6952-R2	B & T Metal Works	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
6964-R3	DBCI	Exterior Doors	Roll-Up Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
7116-R2	Best Shutter Company	Shutters	Accordion	a	a	a	Recommend Approval	Revision
7207-R2	Streamline Roofing And Construction, Inc.	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision

7511-R3	THERMO-KOOL	Structural Components	Exterior Coolers-Freezers	a	a	a	Recommend Approval	Revision
7559-R3	MILLENNIUM METALS INC.	Roofing	Roofing Accessories that are an Integral Part of the Roofing System	a	a	a	Recommend Approval	Revision
7561-R2	Elite Aluminum Corporation	Roofing	Products Introduced as a Result of New Technology	a	a	a	Recommend Approval	Revision
7621-R2	Elite Aluminum Corporation	Roofing	Products Introduced as a Result of New Technology	a	a	a	Recommend Approval	Revision
7769-R2	Coastal Shutter Systems International, Inc.	Shutters	Bahama	a	a	a	Recommend Approval	Revision
7770-R1	Coastal Shutter Systems International, Inc.	Shutters	Colonial	a	a	a	Recommend Approval	Revision
8057-R2	doorLink Manufacturing, Inc.	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
8071-R2	doorLink Manufacturing, Inc.	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
8086-R2	PERMATHERM, INC.	Structural Components	Structural Wall	a	a	a	Recommend Approval	Revision
8248-R9	Wayne-Dalton, a division of Overhead Door	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision

	Corporation							
8384-R2	MarlynMetals, Incorporated	Structural Components	Roof Deck	a	a	a	Recommend Approval	Revision
8393-R2	MarlynMetals, Incorporated	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
8551-R2	Eagle Window and Door, Inc	Windows	Casement	a	a	a	Recommend Approval	Revision
8554-R2	Eagle Window and Door, Inc	Windows	Awning	a	a	a	Recommend Approval	Revision
8560-R2	Eagle Window and Door, Inc	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
8637-R4	StormWatch	Shutters	Products Introduced as a Result of New Technology	a	a	a	Recommend Approval	Revision
8646-R2	Sunlast Metal	Roofing	Roofing Accessories that are an Integral Part of the Roofing System	a	a	a	Recommend Approval	Revision
8763-R2	Rollsecure	Shutters	Roll-up	a	a	a	Recommend Approval	Revision
8845-R3	Taylor Building Products	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
8872-R3	Roller Star USA	Shutters	Roll-up	a	a	a	Recommend Approval	Revision
8888-R3	ASTA DOOR CORPORATION	Exterior Doors	Roll-Up Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
8892-R2	Taylor Building Products	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision

8871-R4	Therma-Tru Corporation	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
8947-R2	Palram Americas, Inc.	Shutters	Storm Panels	a	a	a	Recommend Approval	Revision
8954-R2	Metal Building Supplies, LLC	Structural Components	Roof Deck	a	a	a	Recommend Approval	Revision
9000-R2	Berridge Manufacturing Co.	Panel Walls	Soffits	a	a	a	Recommend Approval	Revision
9102-R2	Southern Extrusion, Inc	Shutters	Colonial	a	a	a	Recommend Approval	Revision
9104-R3	Roller Star USA	Exterior Doors	Roll-Up Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
9166-R6	Wayne-Dalton, a division of Overhead Door Corporation	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
9284-R2	BAKER METAL WORKS & SUPPLY, INC.	Structural Components	Roof Deck	a	a	a	Recommend Approval	Revision
9288-R2	BAKER METAL WORKS & SUPPLY, INC.	Structural Components	Structural Wall	a	a	a	Recommend Approval	Revision
9352-R2	Roof Hugger	Structural Components	Roof Deck	a	a	a	Recommend Approval	Revision
9356-R3	CAT-5 Protection, Inc.	Shutters	Fabric Storm Panel	a	a	a	Recommend Approval	Revision
9390-R2	Builders Hardware Inc.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
9443-R2	Union Corrugating	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
9542-R2	Taylor Building Products	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision

9604-R6	MGM Industries	Windows	Double Hung	a	a	a	Recommend Approval	Revision
9612-R3	Morin - a Kingspan Company	Structural Components	Roof Deck	a	a	a	Recommend Approval	Revision
9792-R4	Atlas Roofing Corporation	Roofing	Asphalt Shingles	a	a	a	Recommend Approval	Revision
9860-R2	Sentrigard Metal Roofing Systems-NBHandy COMP	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
9864-R2	Sentrigard Metal Roofing Systems-NBHandy COMP	Structural Components	Roof Deck	a	a	a	Recommend Approval	Revision
9942-R2	Nucor - Vulcraft SC	Structural Components	Roof Deck	a	a	a	Recommend Approval	Revision
9953-R2	VEKA Inc.	Windows	Mullions	a	a	a	Recommend Approval	Revision
10006-R2	Hope's Windows, Inc.	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
10013-R2	Metals USA Building Products	Roofing	Products Introduced as a Result of New Technology	a	a	a	Recommend Approval	Revision
10094-R3	BAKER METAL WORKS & SUPPLY, INC.	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
10098-R2	Wincore Window Company, LLC	Windows	Mullions	a	a	a	Recommend Approval	Revision
10124-R6	GAF	Roofing	Asphalt Shingles	a	a	a	Recommend Approval	Revision
10239-R2	Eagle Window and Door, Inc	Windows	Double Hung	a	a	a	Recommend Approval	Revision
10319-R2	Coastal Metal Roofing, Inc	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision

10490-R2	Sunlast Metal	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
10525-R1	Clear Strength USA LLC	Shutters	Storm Panels	a	a	a	Recommend Approval	Revision
10537-R1	Therma-Tru Corporation	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
10545-R2	Alutech United, Inc.	Exterior Doors	Roll-Up Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
10550-R2	Alutech United, Inc.	Exterior Doors	Roll-Up Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
10587-R1	Shoreline Shutters, LC	Shutters	Colonial	a	a	a	Recommend Approval	Revision
10599-R2	Therma-Tru Corporation	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
10674-R6	Owens Corning	Roofing	Asphalt Shingles	a	a	a	Recommend Approval	Revision
10690-R1	United Structures of America, Inc.	Panel Walls	Siding	a	a	a	Recommend Approval	Revision
10736-R1	Bobby James, Inc.	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
10737-R5	Wayne-Dalton, a division of Overhead Door Corporation	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
10742-R2	ASTA DOOR CORPORATION	Exterior Doors	Roll-Up Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
10764-R3	Bigbee Steel Buildings	Structural Components	Roof Deck	a	a	a	Recommend Approval	Revision
10792-R1	JRFour Ltd. DBA Technical Glass Products	Panel Walls	Products Introduced as a Result of	a	a	a	Recommend Approval	Revision

			New Technology					
10819-R5	Wayne-Dalton, a division of Overhead Door Corporation	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
10876-R1	Taylor Building Products	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
10884-R3	Solatube International, Inc	Roofing	Roofing Accessories that are an Integral Part of the Roofing System	a	a	a	Recommend Approval	Revision
10888-R1	Taylor Building Products	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
10930-R2	Secure-Lite Window Company, Inc.	Shutters	Products Introduced as a Result of New Technology	a	a	a	Recommend Approval	Revision
10958-R5	Wayne-Dalton, a division of Overhead Door Corporation	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
10975-R4	Therma-Tru Corporation	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
11088-R1	Shwinco of Alabama, LLC.	Windows	Horizontal Slider	a	a	a	Recommend Approval	Revision
11130-R1	Lifestyle Exterior Products, Inc	Shutters	Roll-up	a	a	a	Recommend Approval	Revision
11233-R6	Wayne-Dalton, a division of	Exterior Doors	Sectional Exterior Door	a	a	a	Recommend Approval	Revision

	Overhead Door Corporation		Assemblies					
11243-R3	Bemo USA	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
11268-R1	doorLink Manufacturing, Inc.	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
11288-R7	CertainTeed Corporation-Roofing	Roofing	Underlayments	a	a	a	Recommend Approval	Revision
11291-R3	Storm Smart Industries	Shutters	Products Introduced as a Result of New Technology	a	a	a	Recommend Approval	Revision
11321-R1	Builders Hardware Inc.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
11353-R1	Elite Aluminum Corporation	Panel Walls	Storefronts	a	a	a	Recommend Approval	Revision
11356-R1	Metals USA Building Products	Shutters	Storm Panels	a	a	a	Recommend Approval	Revision
11379-R1	CAT5 Hurricane Screens, LLC.	Shutters	Fabric Storm Panel	a	a	a	Recommend Approval	Revision
11462-R1	Berridge Manufacturing Co.	Panel Walls	Siding	a	a	a	Recommend Approval	Revision
11480-R1	Solatube International, Inc	Sky Lights	Skylight	a	a	a	Recommend Approval	Revision
11500-R1	Best Shutter Company	Shutters	Roll-up	a	a	a	Recommend Approval	Revision
11514-R1	Taylor Building Products	Exterior Doors	Exterior Door Components	a	a	a	Recommend Approval	Revision
11526-R3	Roller Star USA	Shutters	Accordion	a	a	a	Recommend Approval	Revision
11627-R1	Elite Aluminum Corporation	Panel Walls	Storefronts	a	a	a	Recommend Approval	Revision

11650-R1	Gulf Coast Supply & Manufacturing, LLC.	Structural Components	Roof Deck	a	a	a	Recommend Approval	Revision
11651-R1	Gulf Coast Supply & Manufacturing, LLC.	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
11668-R1	Garrison Design & Construction	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
11753-R2	Mid-America Door	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
11805-R1	Wheeling Corrugating Company	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
11807-R1	Wheeling Corrugating Company	Structural Components	Roof Deck	a	a	a	Recommend Approval	Revision
11817-R1	MILLENNIUM METALS INC.	Roofing	Roofing Accessories that are an Integral Part of the Roofing System	a	a	a	Recommend Approval	Revision
11819-R1	MBCI, L.P.	Structural Components	Roof Deck	a	a	a	Recommend Approval	Revision
11903-R1	MBCI, L.P.	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
11919-R1	MBCI, L.P.	Panel Walls	Soffits	a	a	a	Recommend Approval	Revision
12019-R4	American Construction Metals	Panel Walls	Soffits	a	a	a	Recommend Approval	Editorial Change
12045-R2	Lott's Concrete Products	Structural Components	Products Introduced as a Result of New	a	a	a	Recommend Approval	Revision

			Technology					
12067-R1	Atlantic Metal Extrusions, LLC	Shutters	Roll-up	a	a	a	Recommend Approval	Revision
12099-R4	Wayne-Dalton, a division of Overhead Door Corporation	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
12114-R1	Drexel Metals, Inc.	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
12117-R2	Simonton Windows	Windows	Mullions	a	a	a	Recommend Approval	Revision
12152-R1	DBCI	Exterior Doors	Roll-Up Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
12167-R1	DBCI	Exterior Doors	Roll-Up Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
12172-R1	D7 Building Products, Inc.	Roofing	Cements-Adhesives-Coatings	a	a	a	Recommend Approval	Revision
12193-R2	Marion Masonry Materials, Inc.	Structural Components	Products Introduced as a Result of New Technology	a	a	a	Recommend Approval	Revision
12231-R1	Style Crest Inc.	Panel Walls	Siding	a	a	a	Recommend Approval	Revision
12225-R1	Elite Aluminum Corporation	Structural Components	Structural Wall	a	a	a	Recommend Approval	Revision
12228-R1	Morin - a Kingspan Company	Structural Components	Structural Wall	a	a	a	Recommend Approval	Revision
12230-R1	USDoor And Building Components	Exterior Doors	Roll-Up Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
12256-R1	Metallic Products	Panel Walls	Wall Louver	a	a	a	Recommend	Revision

							Approval	
12320-R3	Alside Window Company	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
12321-R3	Gentek Building Products	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
12322-R3	Revere Building Products	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
12323-R2	Associated Materials Inc.	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
12366-R2	GAF	Roofing	Roofing Slate	a	a	a	Recommend Approval	Revision
12377-R1	The Garland Company, Inc.	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
12389-R1	Guernsey Architectural Solutions	Panel Walls	Siding	a	a	a	Recommend Approval	Revision
12510-R2	PrimeSource Building Products, Inc.	Roofing	Underlayments	a	a	a	Recommend Approval	Revision
12528-R1	Rollac Shutter of Texas, Inc.	Shutters	Roll-up	a	a	a	Recommend Approval	Revision
12549-R4	Impact Technology, Inc.	Shutters	Accordion	a	a	a	Recommend Approval	Revision
12550-R2	Advance Hurricane Technology Inc.	Shutters	Roll-up	a	a	a	Recommend Approval	Revision
12590-R1	Builders Hardware Inc.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
12605-R1	Atlantic Metal Extrusions, LLC	Shutters	Accordion	a	a	a	Recommend Approval	Revision
12647-R1	Surewood Door	Exterior	Swinging	a	a	a	Recommend	Revision

		Doors	Exterior Door Assemblies				Approval	
12660-R1	Windoor Incorporated	Exterior Doors	Exterior Door Components	a	a	a	Recommend Approval	Revision
12679-R1	Leader Industries	Roofing	Products Introduced as a Result of New Technology	a	a	a	Recommend Approval	Revision
12730-R1	Surewood Door	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
12762-R1	Varco Pruden Buildings, Div of BlueScope Buildings North America, Inc.	Panel Walls	Siding	a	a	a	Recommend Approval	Revision
12763-R1	Varco Pruden Buildings, Div of BlueScope Buildings North America, Inc.	Structural Components	Roof Deck	a	a	a	Recommend Approval	Revision
12765-R1	Janus International Corporation	Exterior Doors	Roll-Up Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
12793-R1	Therma-Tru Corporation	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
12805-R1	Metallic Products	Roofing	Roofing Accessories that are an Integral Part of the Roofing System	a	a	a	Recommend Approval	Revision
12809-R4	West Tampa Glass Company	Panel Walls	Curtain Walls	a	a	a	Recommend Approval	Revision

12907-R1	EFCO Corporation	Windows	Double Hung	a	a	a	Recommend Approval	Revision
12908-R1	EFCO Corporation	Windows	Horizontal Slider	a	a	a	Recommend Approval	Revision
12912-R2	EFCO Corporation	Windows	Projected	a	a	a	Recommend Approval	Revision
12966-R2	JM Metals (Innovative Distribution LLC)	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
13036-R1	Aztec Steel Buildings Corp.	Structural Components	Roof Deck	a	a	a	Recommend Approval	Revision
13068-R1	American Shutter Systems Association, Inc.	Windows	Mullions	a	a	a	Recommend Approval	Revision
13158-R1	Builders Hardware Inc.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
13168-R1	TRU TECH DOORS USA	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
13188-R1	VEKA Inc.	Windows	Mullions	a	a	a	Recommend Approval	Revision
13271-R2	Eastern Metal Supply	Shutters	Fabric Storm Panel	a	a	a	Recommend Approval	Revision
13275-R1	Mitten Inc.	Panel Walls	Soffits	a	a	a	Recommend Approval	Revision
13364-R1	USA Steel Buildings Inc.	Structural Components	Roof Deck	a	a	a	Recommend Approval	Revision
13375-R1	Hormann LLC	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
13379-R1	Precision Foam Fabricators	Structural Components	Roof Deck	a	a	a	Recommend Approval	Revision
13381-R1	Precision Foam Fabricators	Structural Components	Structural Wall	a	a	a	Recommend Approval	Revision
13387-R1	Buffelen	Windows	Fixed	a	a	a	Recommend	Revision

	Woodworking Co.						Approval	
13400-R1	Dow Chemical	Structural Components	Structural Wall	a	a	a	Recommend Approval	Revision
13402-R1	MI Windows and Doors	Windows	Mullions	a	a	a	Recommend Approval	Revision
13442-R1	Morin - a Kingspan Company	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
13448-R1	Style Crest Inc.	Panel Walls	Siding	a	a	a	Recommend Approval	Revision
13506-R1	Roller Star USA	Exterior Doors	Roll-Up Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
13507-R1	Atlantic Metal Extrusions, LLC	Exterior Doors	Roll-Up Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
13511-R1	CROCI NORTH AMERICA	Shutters	Bahama	a	a	a	Recommend Approval	Revision
13574-R1	Windoor Incorporated	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
13576-R1	Windoor Incorporated	Windows	Mullions	a	a	a	Recommend Approval	Revision
13578-R1	All American Shutters and Glass	Shutters	Storm Panels	a	a	a	Recommend Approval	Revision
13579-R1	All American Shutters and Glass	Shutters	Storm Panels	a	a	a	Recommend Approval	Revision
13580-R1	All American Shutters and Glass	Shutters	Storm Panels	a	a	a	Recommend Approval	Revision
13624-R3	CAL-ROYAL PRODUCTS INC.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
13665-R1	Morton Buildings, Inc	Panel Walls	Soffits	a	a	a	Recommend Approval	Revision
13672-R1	MBCI, L.P.	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision

13691-R1	Mai Doors by Distinctive Doors	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
13701-R1	Pella Entry Systems- Wylie Operations	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
13706-R1	BITEC, INC.	Roofing	Modified Bitumen Roof System	a	a	a	Recommend Approval	Revision
13715-R2	Windoor Incorporated	Windows	Double Hung	a	a	a	Recommend Approval	Revision
13750-R1	Chicago Clamp Company	Structural Components	Pre-engineered AC Stands	a	a	a	Recommend Approval	Revision
13754-R1	East Coast Metal systems	Structural Components	Structural Wall	a	a	a	Recommend Approval	Revision
13757-R2	Town and Country Industries,	Shutters	Accordion	a	a	a	Recommend Approval	Revision
13758-R2	Windoor Incorporated	Windows	Fixed	a	a	a	Recommend Approval	Revision
13783	Four Seasons Solar Products LLC	Structural Components	Roof Deck	a	a	a	Recommend Approval	New
13840-R1	Hormann LLC	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
13856-R1	Windoor Incorporated	Windows	Dual Action	a	a	a	Recommend Approval	Revision
13882-R1	Rolsafe	Exterior Doors	Roll-Up Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
13911-R1	Ultratek Worldwide	Shutters	Fabric Storm Panel	a	a	a	Recommend Approval	Revision
13922-R3	CAL-ROYAL PRODUCTS INC.	Exterior Doors	Exterior Door Components	a	a	a	Recommend Approval	Revision

13958-R2	Complex Industries	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
13961-R1	Mai Doors by Distinctive Doors	Windows	Fixed	a	a	a	Recommend Approval	Revision
13963-R1	Pella Entry Systems- Wylie Operations	Windows	Fixed	a	a	a	Recommend Approval	Revision
13987-R2	CROCI NORTH AMERICA	Shutters	Accordion	a	a	a	Recommend Approval	Revision
13992-R1	Mitten Inc.	Panel Walls	Siding	a	a	a	Recommend Approval	Revision
14002-R1	Liberty Building Systems	Structural Components	Roof Deck	a	a	a	Recommend Approval	Revision
14003-R1	Butler Manufacturing Company	Structural Components	Roof Deck	a	a	a	Recommend Approval	Revision
14004-R1	Varco Pruden Buildings, Div of BlueScope Buildings North America, Inc.	Structural Components	Roof Deck	a	a	a	Recommend Approval	Revision
14026-R1	Central States Manufacturing, Inc.	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
14037-R2	MI Windows and Doors	Windows	Mullions	a	a	a	Recommend Approval	Revision
14078-R1	Ultratek Worldwide	Shutters	Products Introduced as a Result of New Technology	a	a	a	Recommend Approval	Revision
14079-R1	ITW Building Components Group Inc.	Structural Components	Wood Connectors	a	a	a	Recommend Approval	Revision
14235-R2	Town and	Shutters	Roll-up	a	a	a	Recommend	Revision

	Country Industries,						Approval	
14247-R1	FRP Lite - Simon Door	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
14299-R2	Owens Corning	Roofing	Underlayments	a	a	a	Recommend Approval	Revision
14317-R2	Boral Roofing / MonierLifetile	Roofing	Underlayments	a	a	a	Recommend Approval	Revision
14321-R1	Broan-NuTone, LLC.	Roofing	Roofing Accessories that are an Integral Part of the Roofing System	a	a	a	Recommend Approval	Revision
14322-R2	TAMKO Building Products, Inc.	Roofing	Roofing Accessories that are an Integral Part of the Roofing System	a	a	a	Recommend Approval	Revision
14380-R1	MGM Industries	Windows	Horizontal Slider	a	a	a	Recommend Approval	Revision
14418-R1	Hormann LLC	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
14425-R1	Janus International Corporation	Exterior Doors	Roll-Up Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
14432-R1	ASTA DOOR CORPORATION	Exterior Doors	Roll-Up Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
14490-R1	EFCO Corporation	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
14511-R1	Amarr Garage	Exterior	Sectional	a	a	a	Recommend	Revision

	Doors	Doors	Exterior Door Assemblies				Approval	
14513-R1	Taylor Building Products	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
14551-R2	Fib-R-Dor, A Division of Chase Industries, inc.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
14562-R2	Sentinel Storm Protection	Shutters	Fabric Storm Panel	a	a	a	Recommend Approval	Revision
14620-R1	MBCI, L.P.	Panel Walls	Siding	a	a	a	Recommend Approval	Revision
14622-R1	MBCI, L.P.	Roofing	Metal Roofing	a	a	a	Recommend Approval	Revision
14627-R1	EFCO Corporation	Windows	Single Hung	a	a	a	Recommend Approval	Revision
14628-R1	EFCO Corporation	Windows	Casement	a	a	a	Recommend Approval	Revision
14632-R1	Eastern Architectural Systems	Windows	Mullions	a	a	a	Recommend Approval	Revision
14661-R2	Pella Corporation	Windows	Mullions	a	a	a	Recommend Approval	Revision
14669-R1	Berridge Manufacturing Co.	Structural Components	Structural Wall	a	a	a	Recommend Approval	Revision
14670-R1	Windoor Incorporated	Windows	Mullions	a	a	a	Recommend Approval	Revision
14680-R1	E. F. San Juan	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
14758-R1	Roller Star USA	Shutters	Roll-up	a	a	a	Recommend Approval	Revision
14789-R1	Underlayment Specialties Plus	Roofing	Underlayments	a	a	a	Recommend Approval	Revision
14807-R1	Malarkey Roofing Products	Roofing	Underlayments	a	a	a	Recommend Approval	Revision

14809-R1	Malarkey Roofing Products	Roofing	Asphalt Shingles	a	a	a	Recommend Approval	Revision
14811-R1	Norwood Windows	Windows	Casement	a	a	a	Recommend Approval	Revision
14815-R1	Norwood Windows	Windows	Awning	a	a	a	Recommend Approval	Revision
14817-R1	Norwood Windows	Windows	Single Hung	a	a	a	Recommend Approval	Revision
14826-R2	Solatube International, Inc	Roofing	Roofing Accessories that are an Integral Part of the Roofing System	a	a	a	Recommend Approval	Revision
14831-R1	EFCO Corporation	Windows	Fixed	a	a	a	Recommend Approval	Revision
14834-R1	Kingspan Insulated Panels	Structural Components	Roof Deck	a	a	a	Recommend Approval	Revision
14872-R1	sterling design and construction inc	Shutters	Storm Panels	a	a	a	Recommend Approval	Revision
14938	TRULITE GLASS & ALUMINUM SOLUTIONS	Panel Walls	Storefronts	a	a	a	Recommend Approval	New
14947	TRULITE GLASS & ALUMINUM SOLUTIONS	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
14964	Silverline Building Products Corp.	Windows	Awning	a	a	a	Recommend Approval	New
14982	Therma-Tru Corporation	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
14985	Therma-Tru Corporation	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New

14998	Silverline Building Products Corp.	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	New
14999	Therma-Tru Corporation	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
15003	VEKA Inc.	Exterior Doors	Sliding Exterior Door Assemblies	a	a	a	Recommend Approval	New
15004	VEKA Inc.	Windows	Casement	a	a	a	Recommend Approval	New
15005	VEKA Inc.	Windows	Double Hung	a	a	a	Recommend Approval	New
15036	Therma-Tru Corporation	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
15040	Therma-Tru Corporation	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
15043-R1	C.H.I. Overhead Doors	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
15054	NewSouth Window Solutions	Windows	Fixed	a	a	a	Recommend Approval	New
15058-R1	C.H.I. Overhead Doors	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	Revision
15060	All Weather Insulated Panels	Panel Walls	Siding	a	a	a	Recommend Approval	New
15061	Impact Secure Shutters, Inc.	Shutters	Bahama	a	a	a	Recommend Approval	New
15067	Mid-States Asphalt & Cant Strip, Inc.	Roofing	Underlayments	a	a	a	Recommend Approval	New
15074-R1	C.H.I. Overhead Doors	Exterior Doors	Sectional Exterior Door	a	a	a	Recommend Approval	Revision

			Assemblies					
15076	Global Protection Products, LLC.	Shutters	Storm Panels	a	a	a	Recommend Approval	New
15080	WINDSOR DOOR MFG. LLC / DBA WINDSOR DOOR	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	New
15088	Global Protection Products, LLC.	Shutters	Fabric Storm Panel	a	a	a	Recommend Approval	New
15099	Doers Window Manufacturing, LLC	Windows	Fixed	a	a	a	Recommend Approval	New
15121	Kawneer Company, Inc.	Windows	Single Hung	a	a	a	Recommend Approval	New
15122	Kawneer Company, Inc.	Windows	Fixed	a	a	a	Recommend Approval	New
15126	TRULITE GLASS & ALUMINUM SOLUTIONS	Panel Walls	Curtain Walls	a	a	a	Recommend Approval	New
15127	TRULITE GLASS & ALUMINUM SOLUTIONS	Panel Walls	Storefronts	a	a	a	Recommend Approval	New
15129	Trinity Glass International	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
15135	Taylor Building Products	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
15144	PrimeSource Building Products, Inc.	Roofing	Modified Bitumen Roof System	a	a	a	Recommend Approval	New
15145	MarlynMetals, Incorporated	Structural Components	Structural Wall	a	a	a	Recommend Approval	New

15146	Gammans Skylight Systems, Inc.	Sky Lights	Skylight	a	a	a	Recommend Approval	New
15148	Concrete Precast Products, Inc (formerly known as Cement Precast Products, Inc)	Structural Components	Products Introduced as a Result of New Technology	a	a	a	Recommend Approval	New
15159	MBCI, L.P.	Structural Components	Roof Deck	a	a	a	Recommend Approval	New
15164	Kistler McDougall Corporation	Panel Walls	Siding	a	a	a	Recommend Approval	New
15165	SYNTHEON Inc.	Panel Walls	Products Introduced as a Result of New Technology	a	a	a	Recommend Approval	New
15180	Plastpro Inc. / Nanya Plastics Corp.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
15183	UNION CORRUGATING COMPANY	Roofing	Metal Roofing	a	a	a	Recommend Approval	New
15184	Alumiglass, LLC	Panel Walls	Storefronts	a	a	a	Recommend Approval	New
15185	Alumiglass, LLC	Panel Walls	Curtain Walls	a	a	a	Recommend Approval	New
15186	Hurricane Fabric, LLC	Shutters	Fabric Storm Panel	a	a	a	Recommend Approval	New
15187	Plastpro Inc. / Nanya Plastics Corp.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
15188	Kolbe Windows and Doors - Wausau	Windows	Awning	a	a	a	Recommend Approval	New
15189	Kolbe Windows and Doors -	Windows	Fixed	a	a	a	Recommend Approval	New

	Wausau							
15190	Kolbe Windows and Doors - Wausau	Windows	Casement	a	a	a	Recommend Approval	New
15194	Kawneer Company, Inc.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
15195	IMETCO	Roofing	Metal Roofing	a	a	a	Recommend Approval	New
15208	Hurricane Fabric, LLC	Shutters	Fabric Storm Panel	a	a	a	Recommend Approval	New
15209	Plastpro Inc. / Nanya Plastics Corp.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
15210	Plastpro Inc. / Nanya Plastics Corp.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
15211	Raynor Garage Doors	Exterior Doors	Roll-Up Exterior Door Assemblies	a	a	a	Recommend Approval	New
15212	Raynor Garage Doors	Exterior Doors	Sectional Exterior Door Assemblies	a	a	a	Recommend Approval	New
15213	Plastpro Inc. / Nanya Plastics Corp.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
15215	Plastpro Inc. / Nanya Plastics Corp.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
15217	General Aluminum Company	Windows	Single Hung	a	a	a	Recommend Approval	New
15219	Plastpro Inc. / Nanya Plastics Corp.	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	Recommend Approval	New
15221	Plastpro Inc. /	Exterior	Swinging	a	a	a	Recommend	New

	Nanya Plastics Corp.	Doors	Exterior Door Assemblies				Approval	
15223	Atrium Companies Inc.	Windows	Mullions	a	a	a	Recommend Approval	New
15224	Ply Gem Windows	Windows	Mullions	a	a	a	Recommend Approval	New
15230	Ultratek Worldwide	Shutters	Storm Panels	a	a	a	Recommend Approval	New
15233	Shwinco of Alabama, LLC.	Windows	Mullions	a	a	a	Recommend Approval	New
15234	Korus USA Inc.	Windows	Fixed	a	a	a	Recommend Approval	New
15236	Dow Chemical	Roofing	Cements-Adhesives-Coatings	a	a	a	Recommend Approval	New
15237	Thompson Architectural Metals Company, Inc.	Roofing	Roofing Accessories that are an Integral Part of the Roofing System	a	a	a	Recommend Approval	New
15247	Zeluck Inc.	Windows	Fixed	a	a	a	Recommend Approval	New
15249	Zeluck Inc.	Windows	Casement	a	a	a	Recommend Approval	New
15252	Bobby James, Inc.	Structural Components	Roof Deck	a	a	a	Recommend Approval	New
15253	Streamline Roofing And Construction, Inc.	Structural Components	Roof Deck	a	a	a	Recommend Approval	New
15258	Wausau Window and Wall Systems	Panel Walls	Curtain Walls	a	a	a	Recommend Approval	New
15259	Elite Aluminum Corporation	Structural Components	Roof Deck	a	a	a	Recommend Approval	New
15260	ODL/Western Reflections	Exterior Doors	Exterior Door Components	a	a	a	Recommend Approval	New

15261	Ply Gem Windows	Windows	Mullions	a	a	a	Recommend Approval	New
15263	Ply Gem Windows	Windows	Mullions	a	a	a	Recommend Approval	New
15264	Ply Gem Windows	Windows	Mullions	a	a	a	Recommend Approval	New
15266	Ply Gem Windows	Windows	Single Hung	a	a	a	Recommend Approval	New
15267	Eagle Window and Door, Inc	Windows	Mullions	a	a	a	Recommend Approval	New
15273	Crawford Tracey Corporation	Panel Walls	Storefronts	a	a	a	Recommend Approval	New
15274	Crawford Tracey Corporation	Panel Walls	Storefronts	a	a	a	Recommend Approval	New
Evaluation by Test Report - FBC Voted Approval								New
5485-R2	YKK AP America	Panel Walls	Curtain Walls	a	a	a	Recommend Approval	
Evaluation by Evaluation Entity - FBC Voted Approval								Revision
1392-R3	Boise Engineered Wood Products	Structural Components	Engineered Lumber	a	a	a	Recommend Approval	
1644-R3	Boise Engineered Wood Products	Structural Components	Engineered Lumber	a	a	a	Recommend Approval	Revision
1645-R3	Boise Engineered Wood Products	Structural Components	Engineered Lumber	a	a	a	Recommend Approval	Revision
2075-R5	Florida Metal Products Inc.	Roofing	Roofing Accessories that are an	a	a	a	Recommend Approval	Revision

			Integral Part of the Roofing System					
4856-R1	KC Metal Products, Inc.	Structural Components	Wood Connectors	a	a	a	Recommend Approval	Revision
7849-R3	Boral Roofing / MonierLifetile	Roofing	Roofing Tiles	a	a	a	Recommend Approval	Revision
13029-R1	Owens Corning	Roofing	Underlayments	a	a	a	Recommend Approval	Revision
15228	LP EWP	Structural Components	Engineered Lumber	a	a	a	Recommend Approval	Revision
Entities - FBC Voted Approval								
CER 1508	Window and Door Manufacturers Association	Product Certification Agency		a	a	a	Recommend Approval	Revision
CER 1592	Miami-Dade BCCO	Product Certification Agency		a	a	a	Recommend Approval	Revision
CER 6750	Architectural Testing, Inc.	Product Certification Agency		a	a	a	Recommend Approval	Revision
CER 8526	CPA-Composite Panel Assoc	Product Certification Agency		a	a	a	Recommend Approval	Revision
CER 9626	UL LLC	Product Certification Agency		a	a	a	Recommend Approval	Revision
QUA 1591	Miami-Dade BCCO	Product Quality Assurance		a	a	a	Recommend Approval	New
QUA 1844	Architectural Testing, Inc.	Product Quality Assurance		a	a	a	Recommend Approval	Revision

QUA 2563	Southwest Research Institute- Department of Fire Technology	Product Quality Assurance		a	a	a	Recommend Approval	Revision
QUA 6252	Progressive Engineering Inc.	Product Quality Assurance		a	a	a	Recommend Approval	Revision
QUA 8223	CertiWood Technical Centre	Product Quality Assurance		a	a	a	Recommend Approval	Revision
QUA 8970	Applied Testing and Geosciences	Product Quality Assurance		a	a	a	Recommend Approval	Revision
QUA 9625	UL LLC	Product Quality Assurance		a	a	a	Recommend Approval	Revision
TST 1558	Architectural Testing, Inc	Product Testing Laboratory		a	a	a	Recommend Approval	New
TST 1589	National Certified Testing Laboratories, Inc.	Product Testing Laboratory		a	a	a	Recommend Approval	Revision
TST 1691	Hurricane Engineering and Testing, Inc.	Product Testing Laboratory		a	a	a	Recommend Approval	Revision
TST 1795	Architectural Testing, Inc.- Minnesota	Product Testing Laboratory		a	a	a	Recommend Approval	Revision
TST 2561	Southwest Research Institute- Fire Technology Department	Product Testing Laboratory		a	a	a	Recommend Approval	Revision
TST 4120	Architectural Testing Inc. - Wisconsin	Product Testing Laboratory		a	a	a	Recommend Approval	Revision
TST 4311	Architectural	Product		a	a	a	Recommend	Revision

	Testing, Inc. - Florida	Testing Laboratory					Approval	
TST 4744	National Certified Testing Laboratories-York	Product Testing Laboratory		a	a	a	Recommend Approval	Revision
TST 6127	Ramtech laboratories, Inc	Product Testing Laboratory		a	a	a	Recommend Approval	Revision
TST 6679	Air-Ins Inc..	Product Testing Laboratory		a	a	a	Recommend Approval	Revision
TST 7110	Architectural Testing, Inc - Springdale, PA	Product Testing Laboratory		a	a	a	Recommend Approval	Revision
TST 8139	Structural Building Components Research Institute	Product Testing Laboratory		a	a	a	Recommend Approval	Revision
TST 8697	Architectural Testing, Inc. - Massachusetts	Product Testing Laboratory		a	a	a	Recommend Approval	Revision
TST 9610	Element Des Moines	Product Testing Laboratory		a	a	a	Recommend Approval	Revision
TST 9628	UL LLC	Product Testing Laboratory		a	a	a	Recommend Approval	New
VAL 1501	Miami-Dade BCCO	Product Validation Entity		a	a	a	Recommend Approval	New
VAL 1616	Intertek - ETL/Warnock Hersey	Product Validation Entity		a	a	a	Recommend Approval	Revision
VAL 1620	Window and Door Manufacturers Association	Product Validation Entity		a	a	a	Recommend Approval	Revision

VAL 1623	Keystone Certifications, Inc.	Product Validation Entity		a	a	a	Recommend Approval	Revision
VAL 4121	PFS Corporation	Product Validation Entity		a	a	a	Recommend Approval	Revision
VAL 7331	American Architectural Manufacturers Association	Product Validation Entity		a	a	a	Recommend Approval	Revision
VAL 9627	UL LLC	Product Validation Entity		a	a	a	Recommend Approval	Revision
Withdrawn								
12761-R2	Florida Pre-Fab, Inc.	Structural Components	Roof Deck				Withdrawn	Revision
12764-R2	Florida Pre-Fab, Inc.	Panel Walls	Siding				Withdrawn	Revision
								New
Discussion Items								
15069	Norse Inc.	Shutters	Products Introduced as a Result of New Technology	y	c	c	Deferred with condition of reapply using Category Shutters. Applicant did reapply using Category Shutter. <u>Recommend Conditional Approval with</u>	Deferred

							<u>conditions of:</u> 1. <u>Change subcategory to Storm Panels.</u> 2. <u>Indicate the material of the panels as tested.</u> 3. <u>The panels shall have quality assurance audits by the QA Agency and labeled in accordance with labeling requirements for shutters.</u> 4. <u>The limits of use shall indicate not for use within HVHZ, Wind Zone 4 and essential facilities.</u>	
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15257	International Buildings, LLC	Panel Walls	Siding				Application consists of steel arche panels that constitute the walls and roof of a building. The POC shall consider if this application constitutes the evaluation of a building, outside the Rule 9N-3 FAC, or a panel subject to product approval. The evaluation was performed using computerized rational analysis. No testing was performed. <u>Recommend Deferral with condition of: Applicant to address the issue of the product constitutes a building and therefore outside the scope of the Product</u>	New
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							<u>Approval Rule.</u>	
Public Comments								
2291-R6	Metals USA Building Products	Roofing	Products Introduced as a Result of New Technology	a	-	-	Recommend Approval	Revision
2291-R6	Public Comment by Jaime Gascon, P.E.						Panels require compliance with FBC 2612 for use in the HVHZ.	
2291-R6	Commentary and Recommendation by Administrator			c	c	c	The applicant did not respond to public comment. This product is limited in use to uninhabited patio areas. The product consists of metal skins filled with a foam. No evidence of testing for the plastic material properties has been provided. The evaluation refers to the structural properties only. This type of product with the same limit use	

							has been previously approved without requirements of testing of the insulated material. <u>Recommend Conditional Approval with condition of:</u> <u>Provide testing of plastic material in accordance with Sect. 2612.</u>	
6336-R2	Cline Aluminum Doors, Inc.	Exterior Doors	Swinging Exterior Door Assemblies	a	-	-	<u>Recommend Approval</u>	Revision
6336-R2	Public Comment by Jaime Gascon, P.E.						6336.4: specified fasteners on sections 1/3 and 1/4 of drawings do not meet capacity per NDS with open back jambs placing a 1-3/4" canti-lever at head & jamb anchors.	
6336-R2	Response by Rick Wright						We would like a conditional to allow for insertion of the	

							back plate that should have been shown on the drawings for use in the HVHZ areas due to cantilever load conditions on the anchor.	
6336-R2	Commentary and Recommendation by Administrator			c	c	c	<u>Recommend Conditional Approval with condition of: Provide the insertion of a back plate that will remove the cantilever load conditions on the anchor.</u>	
10630-R1	Shoreline Shutters, LC	Shutters	Bahama	a	-	-	<u>Recommend Approval</u>	Revision
10630-R1	Public Comment by Jaime Gascon, P.E.						Needs to indicate compliance with FBC 3105.5 or indicate that the product is only to be used as a shutter and not as an awning.	
10630-R1	Response by Rick Wright						We would like a conditional for the Shoreline application 10630 to allow	

							for comment stipulating for shutter use only.	
10630-R1	Commentary and Recommendation by Administrator			c	c	c	<u>Recommend Conditional Approval with condition of: On limits of use indicate "For shutter use only".</u>	
10980-R1	La Cantina Doors, Inc.	Exterior Doors	Swinging Exterior Door Assemblies	a	-	-	Recommend Approval	Revision
10980-R1	Public Comment by Jaime Gascon, P.E.						For products .1, .2 and .3, use of the "Zero Sill" must be limited per FBC section 1715.2, especially if not showing the finished floor and per note at bottom of sheet 10 of 12 leaving it to others. No gaskets are called out in the details when using the "zero Sill".	
10980-R1	Commentary and Recommendation by Administrator			c	c	c	There was no response from applicant. <u>Recommend</u>	

							<u>Conditional Approval with conditions of: Provide testing or limits of use for water and air infiltration for "Zero Sill" or eliminate the details for "Zero Sill" from application.</u>	
11217-R1	CAOBA Doors	Exterior Doors	Swinging Exterior Door Assemblies	a	-	-	<u>Recommend Approval</u>	Revision
11217-R1	Public Comment by Jaime Gascon, P.E.						Product .1 glazing details 1 and 2 on drawing sheet 14 of 18 do not conform with FBC 2411.3.3.1, and adhesive sealant for laminated glass must be detailed as tested for use in the HVHZ.	
11217-R1	Response by Building Drops						In response to the public comment regarding FL11217-R1 for Caoba Doors we want to note that Section	

						<p>2411.3.3.1 states that fixed lites larger than 3 ft. (36 in.) in width must use two approved setting blocks or suspension clamps which would apply to the arch-top transom over double doors configuration shown on sheet 6 of 18 on drawing CAB013.</p> <p>Glazing sealant is noted as Dow 995 Silicone, as tested, in the Bill of Materials on sheet 18 of 18 as Item #24. Item #24 is shown in details G, H, & I on sheet 11 of 18 but is not specifically detailed on the noted glazing details on sheet 14 of 18. We request conditional approval to add</p>	
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							a note that fixed lites that exceed 36 in. in width shall use approved setting blocks per Section 2411.3.3.1 of the 2010 FBC and point out Item #24 (Dow 995 Silicone, as tested) on the glazing details on sheet 14 of 18.	
11217-R1	Commentary and Recommendation by Administrator			c	c	c	<u>Recommend Conditional Approval with conditions of: Provide note indicating to that fixed lites that exceed 36" in width shall use approved setting blocks per Sect 2411.3.3.1 and point out Item #24 (Dow 995 Silicone, as tested) on the glazing details on sheet 14 of 18.</u>	
11602-R2	InterWrap, Inc.	Roofing	Underlayments	a	-	-	Recommend	Revision

							<u>Approval</u>	
11602-R2	Public Comment by Brendan Smith, RRO						InterWrap would like to request a conditional approval to revise the Technical Representative for FL11602-R2 and FL15216.	
11602-R2	Commentary and Recommendation by Administrator			c	c	c	<u>Recommend Conditional Approval with condition of: Revise Technical Representative name.</u>	
15216	InterWrap, Inc.	Roofing	Underlayments	a	-	-	<u>Recommend Approval</u>	New
15216	Public Comment by Brendan Smith, RRO						InterWrap would like to request a conditional approval to revise the Technical Representative for FL11602-R2 and FL15216.	
15216	Commentary and Recommendation by Administrator			c	c	c	<u>Recommend Conditional Approval with condition of: Revise Technical Representative</u>	

							<u>name.</u>	
11915-R2	Atlas Roofing Corporation	Roofing	Underlayments	a	-	-	<u>Recommend Approval</u>	Revision
11915-R2	Public Comment by Robert Nieminen, PE.						Ed Todd at Atlas has noted a typographical error in Section 5.5.1 of our Evaluation Report. The section fails to specifically call out existing decks, which based on the testing submitted are permissible. This is important to the applicant because building officials are often specific in this regard.	
11915-R2	Commentary and Recommendation by Administrator			c	c		<u>Recommend Conditional Approval with condition of: Revise Section 5.5 of Evaluation Report to indicate use on existing decks.</u>	

12239-R1	Elite Aluminum Corporation	Panel Walls	Storefronts	a	-	-	Recommend Approval	Revision
12239-R1	Public Comment by Jaime Gascon, P.E.						Evaluation states use of DuPont SentryGlas interlayer in limits of use #9, and drawing states "100 Saflex HP" on 2nd page note. Coordinate to match with that tested in TAS201 and TAS203.	
12239-R1	Response by Do Kim, P.E.						Comment by Mr. Gascon is correct to point out an editorial error. As stated in Evaluation Report, interlayer is by DuPont. The installation drawing General Note #8 states DuPont Sentry Glass interlayer, consistent with Evaluation Report. Note on 2nd page of installation	

							drawing identifying "100 Saflex HP" shall be removed.	
12239-R1	Commentary and Recommendation by Administrator			c	c	c	<u>Recommend Conditional Approval with condition of: Remove on 2nd page of installation drawings the note indicating "100 Saflex HP".</u>	
13599-R1	EFCO Corporation	Panel Walls	Storefronts	a	-	-	<u>Recommend Approval</u>	Revision
13599-R1	Public Comment by Jaime Gascon, P.E.						For products .7, .8 and .9 the thermal break materials at debridging frame members and struts need to be specified to match that used in the testing of TAS201, TAS202 and TAS203 for use in the HVHZ; ref. FBC 2612.1. Product .9 must be tested with tempered lites in	

							order to be used next to doors per FBC 2406.4.	
13599-R1	Response by Steven DeSutter						The thermal break material was tested in accordance with ASTM D2843, ASTM D635 and ASTM D1929 and passed all testing. Product .9 must be retested. We would request that the application be given a conditional approval under the condition that we add the testing information for the thermal break material to the submitted technical documentation section of the evaluation report and we remove the .9 product from the application.	
13599-R1	Commentary and			c	c	c	<u>Recommend</u>	

	Recommendation by Administrator						<u>Conditional Approval with condition of:</u> <u>Add to evaluation report the testing of the break material and remove product .9.</u>	
14904-R1	Fleetwood Windows and Doors	Windows	Casement	a	c	c	<u>Recommend Conditional Approval with condition of specify the break material as tested.</u>	Revision
14904-R1	Public Comment by Jaime Gascon, P.E.						For products .1, .2, .3 and .4 the thermal break material at debridged frame members needs to be specified to match that used in TAS201, TAS202 and TAS203 testing for use in the HVHZ; ref. FBC 2612.1	
14904-R1	Response by Rick Wright						See attached document with response. The responder indicates that	

							products with similar break material have been approved and gave examples of Miami-Dade NOAs signed by commentator: FL11120-R5 and FL10182-R5 did not specify the material testing.	
14904-R1	Commentary and Recommendation by Administrator						The basis of the commentary are materials inserted within the frame members for insulation purposes. They are not on the load path of the assembly and they are not exposed to weather. The examples noted by responder indicate on FL11120-R5 the break material does not have a mark shown on the bill of materials or description. On	

							FL10182-R5 (an affirmation, FL10182-R4 was the 2007 FBC approval) shows a material with a name on the B of M but no testing is indicated. We recommend that the application be approved as is because the items requested on the public comment are beyond the usual practice.	
14907-R1	Fleetwood Windows and Doors	Windows	Awning	a	c	c	<u>Recommend Conditional Approval with condition of specify the break material as tested.</u>	Revision
14907-R1	Public Comment by Jaime Gascon, P.E.						For products .1, .2, and .3 the thermal break material at debridged frame members needs to be specified to match that used in TAS201, TAS202 and	

							TAS203 testing for use in the HVHZ; ref. FBC 2612.1	
14907-R1	Response by Rick Wright						See attached document with response. The responder indicates that products with similar break material have been approved and gave examples of Miami-Dade NOAs signed by commentator: FL11120-R5 and FL10182-R5 did not specify the material testing.	
14907-R1	Commentary and Recommendation by Administrator						The basis of the commentary are materials inserted within the frame members for insulation purposes. They are not on the load path of the assembly and they are not exposed to weather. The examples noted	

							by responder indicate on FL11120-R5 the break material does not have a mark shown on the bill of materials or description. On FL10182-R5 (an affirmation, FL10182-R4 was the 2007 FBC approval) shows a material with a name on the B of M but no testing is indicated. We recommend that the application be approved, as is, because the items requested on the public comment are beyond the usual practice.	
15000	Therma-Tru Corporation	Exterior Doors	Swinging Exterior Door Assemblies	a	a	a	<u>Recommend Approval</u>	New
15000	Public Comment by Jaime Gascon, P.E.						No evidence of testing door skins to requirements of FBC 2612.2	

							"Approved Plastic' (2)(c) required for all HVHZ products listed in the application.	
15000	Response by Rick Wright						In the referenced standards are listed the various standards applicable to the testing the product as represented in this application have undergone. The fiberglass skins were approved under Dade NOA no. 06-0406.11 (expired January 18, 2012). Therma-Tru elected not to renew the Dade approval. We noted in the Referenced Standard Section of the application the pertinent standards to support the application.	

15000	Commentary and Recommendation by Administrator						The testing indicated by the commentator have been evidenced on the evaluation report and have been shown on the face of the application. We recommend the application to be approved.	
15125	ETO Doors	Exterior Doors	Swinging Exterior Door Assemblies	a	c	c	<u>Recommend Conditiona;</u> <u>Approval with condition of:</u> <u>Provide note indicating to that fixed lites that exceed 36" in width shall use approved setting blocks per Sect 2411.3.3.1</u>	New
15125	Public Comment by Jaime Gascon, P.E.						For products .1 and .3 the dry glazed detail #2 on drawings are to detail the spacer as tested for dry glazed application, or detail glazing sealant as tested.	
15125	Response by						In response to	

	Building Drops						the public comment regarding FL15125 for ETO Doors we want to note that Glazing Details 1 & 2 on sheet 3 of 7 for both drawings ETO002 & ETO004 (sections 1 & 3, respectively) are wet glazed with a silicone sealant. Each detail is noted as being glazed with Tremco Tremsil 600 Silicone as tested with leaders noting its use (see bottom, left-hand side of each detail).	
15149	Sika Sarnafil, Inc.	Roofing	Waterproofing	a	-	-	Recommend Approval	New
15149	Public Comment by Jaime Gascon, P.E.						insulation components listed, requiring physical properties testing per FBC 1523.6.5.2.8 and	

							<p>adhesive components listed requiring physical properties testing per FBC 1523.6.5.2.12, do not show to have said testing in evidence. Confirm Sarnafil G476 and PVC Protection Layer are listed in ERD report S39440.01.12 and in full compliance with ASTM D4434. Confirm both uplift results are listed in report ACRC 11-032.</p>	
15149	Response by Robert Nieminen, PE						<p>While the applicant has located the necessary insulation information, I have not received physical properties information on the adhesive. Therefore, we request conditional</p>	

							approval under the pretext of removing the hvhz report from the filing.	
15149	Commentary and Recommendation by Administrator			c	c	c	<u>Recommend Conditional Approval with condition of: Remove the HVHZ report.</u>	
15214	Malarkey Roofing Products	Roofing	Underlayments	a	a	a	<u>Recommend Approval</u>	New
15214	Public Comment by Jaime Gascon, P.E.						membrane is described as fiberglass reinforced SBS modified bitumen roof underlayment. FBC TAS 110 section 2.2 specifies physical properties shall be in compliance with ASTM D 5147/D6163.	
15214	Response by Robert Nieminen, PE						ASTM D6163 pertains to low-slope modified bitumen roof membranes. This is an Underlayment and was tested	

							in an identical manner to how Miami-Dade would require for its intended use.	
15214	Commentary and Recommendation by Administrator						For use as an underlayment there is no specific test in the building code for a fiberglass reinforced SBS modified material. The evaluator used Method 2, Option B that allows the evaluator to design the testing requirements in accordance with the applicable sections of the building code when specific tests do not cover the product for its intended use. The recommendation for approval is maintained.	

15218	Tag & Stick, LLC.	Roofing	Underlayments	a	a	a	<u>Recommend Approval</u>	New
15218	Public Comment by Jaime Gascon, P.E.						per FBC 1523.6.5.2.1. and RAS standards 118, 119 & 120; mechanically attached membranes used as tile underlayment shall demonstrate compliance with TAS 104 and self-adhered membranes must comply with TAS 103. Product must demonstrate compliance to an applicable standard specified in TAS 110 for a mechanically attached fiberglass reinforced SBS anchor sheet.	
15218	Resonse by Robert Nieminen, PE.						The minimum codified tile Underlayment system in HVHZ consists	

						<p>of the '30/90' system; an ASTM D226, type II felt mechanically attached with nails and tin-caps followed by an ASTM D6380, Class M cap sheet. Alternatively, the cap sheet may be a self-adhering membrane meeting TAS 103.</p> <p>The base layer of Tag&Stick MTP exceeds performance of the D226 felt, and the top layer is a TAS 103 membrane.</p> <p>Moreover, comparative uplift testing of the Tag&Stick MTP vs the '30/90' system shows performance of the former</p>	
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							exceeds that of the later.	
15218	Response by Gary W. Walker, P.E.						I have been working with Mr. Johnson on developing documentation to demonstrate Tag & Stick underlayment complies with the Florida Building Code 2010 edition. The issue raised in this public comment is the performance of Tag & Stick underlayment as a mechanically attached anchor sheet. The Trinity Laboratory Report E40480.03.12 dated March 1, 2012 states the Tag & Stick underlayment “when installed in accordance with Tag & Stick, LLC published installation	

							instructions, exceeds the wind uplift performance of the FBC HVHZ codified 30/90 system.” I considered this test report as evidence that Tag & Stick underlayment complies with the intent of the Florida Building Code for developing at least the minimum required uplift resistance using mechanical fasteners in an anchor sheet.	
15218	Commentary and Recommendation by Administrator						The evaluation report provides evidence of testing as per the applicable sections of TAS 103 and TAS 110 cited on the commentary. Recommend that the application be approved.	

15255	Trinity Glass International	Exterior Doors	Swinging Exterior Door Assemblies	a	-	-	Recommend Approval	New
15255	Public Comment by Jaime Gascon, P.E.						No evidence of testing to requirements of FBC 2612.2 "Approved Plastic' (2)(c) required for all HVHZ product listed in the application.	
15255	Response by Rick Wright						In the referenced standards are listed the various standards applicable to the testing the product as represented in this application have undergone. The fiberglass skins were approved under Dade NOA no. 05-1206.01 (expired March 2, 2011). Trinity elected not to renew the Dade approval. We noted in the Referenced	

							Standard Section of the application the pertinent standards to support the application.	
15255	Commentary and Recommendation by Administrator			c	c	c	Although the face of the application and the evaluation report for products .2 thru .24 shows the "Approved Plastic" testing, product .1 does not show the evidence of the testing for the plastic. <u>Recommend Conditional Approval with condition of: Provide on evaluation report evidence of the required testing for plastics for product .1.</u>	
12477-R1	United Roofing	Roofing	Underlayments	a	-	-	<u>Recommend Approval</u>	Revision
12477-R1	Public Comment by Jaime Gascon,						products 12477.2 and	

	P.E.						12477.4 should not be listed as HVHZ products as they do not meet the FBC TAS 110 section 2.2 specifications of ASTM D226 Type I and ASTM D226 Type II.	
12477-R1	Response by Verda LaRue						We respectfully request a Conditional Approval on United Roofing's application, as we can easily correct products .2 and .4 to coincide with the uploaded test reports for non-HVHZ.	
12477-R1	Commentary and Recommendation by Administrator			c	c	c	<u>Recommend Conditional Approval with condition of:</u> <u>For products .2 and .4 indicate "No" for use within HVHZ.</u>	
2197-R4	MiTek Industries, Inc.	Structural Components	Truss Plates	a	a	a	<u>Recommend Approval</u>	Revision

2197-R4	Public Comment by Stuart Lewis						The 2010 Florida Building Code requires this product to comply with the TPI 1-2007 standard (National Design Standard for Metal-plate-connected Wood Truss Construction), as stated in FBC section 2303.4.2 and also, with respect to the HVHZ, section 2319.17.2.1.1.	
2197-R4	Public Comment by Stuart Lewis (Cont.)						The evaluation report gives design values for steel tests per TPI 1-2007 with the minimum cross-section located on the joint, as well as values that are not in compliance due to the maximum steel cross-section being located on the joint. This data is not compliant	

							with the FBC and should be excluded from use.	
2197-R4	Public Comment by Stuart Lewis (Cont.)						In addition to the values cited above not complying with the code, there are no adequate installation instructions to prevent the mis-application of these high design values from plates without slots on the joint to plates which have slots over the joint. The installation instructions now only reference the TPI 1 standard, which permit tolerances that would result in placing slots over the joint. This is not suitable for the design values that do not comply with the	

							TPI 1 standard. This is specifically noted in the commentary regarding plate position tolerance within TPI 1 (see commentary to section 3.7.2.2, appended below from TPI 1-2007). <i>Section 3.7.2.2 from TPI 1-2007 was added to the commentary.</i>	
2197-R4	Response by David Wert						TPI requires the plate tension test to be performed with the minimum net section to be located over the splice, which we have done. But we have gone beyond what is required and also performed tests to determine the value with the maximum net section over the splice. This is beyond what the	

						<p>standard requires, that does not make it non-compliant. As the commenter points out in the commentary (3.7.2.2), the last line states the “Truss Designer should specify that Section 3.7.2.2 not be applied...”. When we use this value in our software, our design specifically states that the solid bar of steel must be placed over the splice. And continuing “... and plate placement polygons on Joint QC Details should be limited to avoid permitting plate slots over a joint line.” Our QC Details limits the placement over the joint line. It</p>	
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							does not provide for the 1/2" misplacement tolerance for these cases.	
2197-R4	Commentary by Administrator.						The testing and details have been reviewed by ICC-ES and a Florida Supplement was included with the report. The response addresses the concerns. The application should be approved.	