



FLORIDA BUILDING COMMISSION

"STRONGER CODES THROUGH SCIENCE AND CONSENSUS"

Florida Department of
Business
Professional
Regulation

FACILITATOR'S SUMMARY REPORT OF THE AUGUST 22, 2014 FLORIDA BUILDING COMMISSION MEETING ST. PETE BEACH, FLORIDA

PROCESS DESIGN, CONSENSUS-BUILDING AND FACILITATION BY



CONSENSUS CENTER

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FLORIDA BUILDING COMMISSION
AUGUST 22, 2014 FACILITATOR’S MEETING SUMMARY REPORT

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FLORIDA BUILDING COMMISSION
AUGUST 22, 2014 FACILITATOR'S SUMMARY REPORT



FLORIDA BUILDING COMMISSION

"STRONGER CODES THROUGH SCIENCE AND CONSENSUS"

OVERVIEW OF COMMISSION'S KEY ACTIONS AND DECISIONS

FRIDAY, AUGUST 22, 2014

WELCOME AND INTRODUCTIONS

Chairman Browdy welcomed the Commission, DBPR staff and the public to St. Pete Beach and the August 22, 2014 plenary session of the Florida Building Commission. The Chair noted the primary focus of the August meeting, in addition to considering 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, was for the purpose of conducting scheduled rule initiatives, and to discuss Commission funded research projects for fiscal year 2014-2015.

The Chair noted that there were buff colored "*Public Comment Forms*" on the speakers' table to be used for providing written comments, and all written comments would be included in the Facilitator's Summary Report.

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, but should be offered before there is a formal motion on the floor.

Chairman Browdy explained that some of the licensing boards 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 kiosk station located in the meeting room.

I. PLENARY SESSION SUMMARY AND OVERVIEW

At the August 22, 2014 meeting the Commission considered and decided on Chair's issues and recommendations, 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 Commission discussed whether to change the date for the adoption of the 5th Edition of the Florida Building Code (2014), deferring action until the October meeting in order to correlate with the adoption of the 2014 Florida Fire Prevention Code. Specific actions included: approving the formation of an Interim Binding Interpretations Panel and the appointment of the eight members recommended for the Panel; approving funding the research projects for fiscal year 2014-2015 as recommended by the TAC chairs on the basis that the proposed projects evaluated met the three criteria for funding: 1.) definition of research and/or technical enrichment, 2.) urgency/immediacy, and needed for the 2014 FBC, and 3.) funding available (full or partial), and approving them for funding based on the funding levels recommended by the TAC chairs, and staff administering and overseeing the research, and negotiating contracting as appropriate; approving DBPR legal staff's recommendations for revising the draft Education Rule language to address JAPC's comments as detailed in the letter responding to JAPC, by issuing a Notice of Change, and proceeding with rule adoption for Rule 61G20-6.002, Commission Approval and Accreditation of Advanced Building Code Training Courses; and, changing the Product Approval application submittal completion deadline by moving it back by one week to the current preliminary review deadline date for the product approval application cycle.

(Attachment 1—Meeting Evaluation Results)

II. COMMISSION ATTENDANCE

The following Commissioners attended the Friday, August 22, 2014 meeting:

Dick Browdy (Chair), James Batts, Donald Brown, Oscar Calleja, David Compton, Jay Carlson, Nan Dean, Kevin Flanagan, Charles Frank, David Gilson, Jeff Gross, Robert Hamberger, Brian Langille, Darrell Phillips, Brad Schiffer, Frederick Schilling, Jim Schock, Brian Swope, and Tim Tolbert.

(19 of 25 seated Commissioners attended).

Absent Commissioners:

Hamid Bahadori, Steve Bassett, Bob Boyer, Beth Meyer, Drew Smith, and Jeff Stone.

DBPR STAFF PRESENT

Norman Bellamy, Chris Burgwald, Jim Hammers, April Hammonds, 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/>



CONSENSUS CENTER

PROJECT WEBPAGE

Information on the Florida Building Commission project, including agenda packets, meeting reports, and related documents may be found at the Commission Webpage. Located at the following URL: <http://floridabuilding.org/c/default.aspx>

III. AGENDA REVIEW AND APPROVAL

The Commission voted unanimously, 19 - 0 in favor, to approve the agenda for the August 22, 2014 meeting as presented/posted. Following are the key agenda items approved for consideration:

- To Consider Regular Procedural Issues: Agenda Approval and Approval of the June 20, 2014 Facilitator's Summary Report and Meeting Minutes.
- To Consider/Decide on Chair's Discussion Issues/Recommendations.
- 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: Petitions for Declaratory Statements.
- To Receive and Consider an Update on the Adoption of the 5th Edition of the Florida Building Code.
- To Conduct a Rule Adoption Hearing on Rule 61G20-6.002, Relating to the Building Code Training Program.
- To Receive and Consider Recommendations for Research to be Performed During FY 2014-2015.
- To Consider/Decide on Technical Advisory Committees (TACs): Accessibility; Code Administration; Electrical; Energy; Fire; Mechanical; Plumbing; Roofing; Special Occupancy; Structural; and Swimming Pool TAC Report/Recommendations.
- To Consider/Decide on Program Oversight Committees (POCs): Education and Product Approval POC Reports/Recommendations.
- To Receive Public Comment.
- To Discuss Commissioner Comments and Issues.
- To Review Committee Assignments and Issues for the Next Meeting—October 14, 2014 in Daytona Beach, Florida.

Amendments to the Posted Agenda:

There were no amendments to the posted/presented Agenda.

(Attachment 4—August 21 - 22, 2014 Commission Agenda)

IV. APPROVAL OF THE JUNE 20, 2014 FACILITATOR'S SUMMARY REPORT AND MEETING MINUTES

MOTION—The Commission voted unanimously, 19 - 0 in favor, to approve the June 20, 2014 Facilitator's Summary Report and Meeting Minutes as presented/posted.

Amendments: There were no amendments offered.

V. CHAIR'S DISCUSSION ISSUES AND RECOMMENDATIONS

TAC and POC Appointments

Chairman Browdy made the following committee appointment for August 2014:

Joe Hetzel was appointed to the Structural TAC.

Interim Binding Interpretations Panel

The Chair noted that since the Building Officials Association of Florida (BOAF) is unwilling to subject itself to all of the restrictions and conditions that must be imposed pursuant to the binding interpretation process adopted in Section 553.775 (3.) (c), F.S., and there was no legislation proposed on the issue during the 2014 Legislative Session, the Commission should appoint an Interim Binding Interpretation Panel to meet its statutory mandate to hear binding interpretations. At the June 2014 meeting the Commission approved a recommendation to the 2015 Legislature requesting that unless a stakeholder group proposes statutory changes to resolve BOAF's concerns, the Commission recommends that this authority be repealed. In the interim, the Chair expressed that the Commission will maintain the process as it must be lawfully implemented by the Commission. The Chair proposed a panel of experienced building code administrators from geographically diverse regions of Florida. Following are the appointments:

1. George Wiggins, Chair, City of Winter Park
2. Anthony C. Apfelbeck, Altamonte Springs
3. John Barrios, City of Tampa
4. Wayne Eseltine, City of Sebastian
5. Ted Fowler, City of Cooper City
6. John Travers, Monroe County
7. William Weeks, City of Pensacola
8. Howard White, St. Johns County

Commission Actions:

MOTION—The Commission voted unanimously, 19 – 0 in favor, to approve the formation of the Interim Binding Interpretations Panel and the appointment of the eight members recommended for the Panel.

Resolution of Appreciation for Ila Jones

Chairman Browdy requested that the Commission approve a resolution of appreciation for Ila Jones who recently retired as the Codes and Standards Section administrator after 14 years of dedicated and outstanding service to the Commission and the citizens of Florida. The Chair read and the Commission unanimously adopted the following resolution of appreciation for Ila:

WHEREAS, the Florida Building Commission was constituted by the Florida Legislature with members appointed by the Governor to develop and maintain the Florida Building Code System; and

WHEREAS, Ila Jones served for 14 years as the administrator of the Codes and Standards Section which provides staff support to the Commission; and

WHEREAS, Ila Jones possessed unparalleled skill at navigating the complex processes of State government, such as its budgeting processes, its procurement practices and its personnel policies; and applied that skill to fulfill the Commission's directions and otherwise for the benefit of the Florida Building Commission to the greatest extent possible; and

WHEREAS, Ila Jones' skill together with her familiarity with the Department of Business and Professional Regulations, its personnel and its processes represented a particularly valuable asset to the Commission during its transfer to the Department; and

WHEREAS, Ila Jones contributions to the Commission's mission related to development and implementation of the Building Code Information System will be appreciated for years to come; and

WHEREAS, on July 1, 2014, Ila Jones began her retirement; and

THEREFORE, BE IT RESOLVED, that the Florida Building Commission at its public meeting held in Saint Pete Beach, Florida voted unanimously to express their appreciation and respect for the outstanding dedication, public service, integrity and commitment to the citizens of Florida demonstrated by Ila Jones.

Commission Actions:

MOTION—The Commission voted unanimously, 19 – 0 in favor, to adopt the resolution of appreciation for Ila Jones.

VI. CONSIDERATION OF ACCESSIBILITY WAIVER APPLICATIONS

April Hammonds, Accessibility Advisory Council legal advisor, presented the Accessibility Advisory Council's 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.

Commission Actions Accessibility Waiver Applications:

a. Kappa Delta Sorority, 555 West Jefferson Street, Tallahassee

MOTION—The Commission voted unanimously, 19 - 0 in favor, to deny the waiver.

b. Epic Theatres, Lot Adjacent to HH Gregg, 8380 Merchants Way, Jacksonville

MOTION—The Commission voted unanimously, 19 - 0 in favor, to grant the waiver to the extent that a waiver is needed.

c. The Temple House, 1415 Euclid Avenue, Miami Beach

MOTION—The Commission voted, 18 - 1 in favor, to grant the waiver based on technical infeasibility.

d. Alpha Gamma Delta Porch Enclosure, 517 West Park Avenue, Tallahassee

MOTION—The Commission voted unanimously, 19 - 0 in favor, to defer the waiver until the next meeting.

e. Venezia Hotel, 3865 Indian Creek Drive, Miami Beach

MOTION—The Commission voted unanimously, 18 - 0 in favor, to defer the waiver until the next meeting.

f. Honda of Port Charlotte, 1252 Tamiami Trail, Port Charlotte

MOTION—The Commission voted unanimously, 18 - 0 in favor, to deny the waiver.

g. Ave Maria University Press Box, 4811 Kelleher Street, Ave Maria

MOTION—The Commission voted unanimously, 19 - 0 in favor, to grant the waiver based on unnecessary hardship.

h. Collins Park Hotel, 2000 Park Avenue and 2035 Washington Avenue, Miami Beach

MOTION—The Commission voted unanimously, 19 - 0 in favor, to grant the waiver based on the historic nature of the building and technical infeasibility.

i. DeVine Wine and Grill, 15 Alafaya Woods Boulevard, Suite 117, Oviedo

MOTION—The Commission voted, 16 - 3 in favor, to grant the waiver based on disproportionate cost.

j. Polk State College Center for Public Safety, 1251 Jim Keene Boulevard, Winter Haven

MOTION—The Commission voted unanimously, 19 - 0 in favor, to deny the waiver.

VII. CONSIDERATION OF APPLICATIONS FOR PRODUCT AND ENTITY APPROVAL

Jeff Blair presented the Product Approval Oversight Committee's recommendations for entities (none for August) and product approvals on the consent agenda for approval, and the recommendations for product approvals with comments and/or discussion.

Commission Actions on the Consent Agendas for Approval:

MOTION—The Commission voted unanimously, 19 - 0 in favor, to approve the consent agenda of products recommended for approval with product application #17091 being removed for individual consideration per the POC's recommendation.

Commission Actions Regarding Product Approval Applications With Comments:

MOTION—The Commission voted unanimously, 19 - 0 in favor, to conditionally approve product # 16839, based on the condition(s) recommended by the POC.

MOTION—The Commission voted unanimously, 19 - 0 in favor, to conditionally approve product # 17035 R1 based on the condition(s) recommended by the POC.

MOTION—The Commission voted unanimously, 19 - 0 in favor, to conditionally approve product # 17055 based on the condition(s) recommended by the POC.

MOTION—The Commission voted unanimously, 19 - 0 in favor, to approve product # 17090.

MOTION—The Commission voted unanimously, 19 - 0 in favor, to conditionally approve product # 17091 based on the condition(s) recommended by the POC.

MOTION—The Commission voted unanimously, 19 - 0 in favor, to approve product # 17092.

MOTION—The Commission voted unanimously, 19 – 0 in favor, to defer action on product # 17106 until the October 2014 meeting. The applicant waived the 90-day timeframe for review and accepted the deferral at the POC meeting.

MOTION—The Commission voted unanimously, 19 – 0 in favor, to conditionally approve product # 17108 based on the condition(s) recommended by the POC.

MOTION—The Commission voted unanimously, 19 – 0 in favor, to conditionally approve product # 17116 based on the condition that the spacing of edge fasteners used during the testing are listed.

The complete results of Commission decisions regarding applications for product and entity approval are available on the BCIS.

(See BCIS Website for Linked Committee Report)

VIII. CONSIDER APPLICATIONS FOR ACCREDITOR AND COURSE APPROVAL

Commissioner Dean presented the applications, and the Commission reviewed and decided on the accreditor and course applications submitted for their consideration as follows:

Commission Actions:

MOTION—The Commission voted unanimously, 19 – 0 in favor, to conditionally approve advanced course #646.0, on the condition the handout is included or the reference to the handout is deleted.

MOTION—The Commission voted unanimously, 19 – 0 in favor, to approve advanced course #645.0.

MOTION—The Commission voted unanimously, 19 – 0 in favor, to approve administratively approved self-affirmed course #508.0.

MOTION—The Commission voted unanimously, 19 – 0 in favor, to approve administratively approved self-affirmed course #528.0.

MOTION—The Commission voted unanimously, 18 – 0 in favor, to approve administratively approved self-affirmed course #263.2.

MOTION—The Commission voted unanimously, 19 – 0 in favor, to conditionally approve administratively approved self-affirmed course #474.0, on the condition the short quiz/exam is added or the reference to the short quiz/exam is deleted.

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

IX. CONSIDERATION OF PETITIONS FOR DECLARATORY STATEMENTS

Legal Report

Petitions For Declaratory Statements

April Hammonds, Commission Legal Counsel, presented each declaratory statement in turn. Following are the actions taken by the Commission regarding the petitions for declaratory statements.

DS2014-066 by Edward Rojas of the City of Doral

Motion—The Commission voted 19 - 0 in favor, to approve the Plumbing TAC's recommendation on the Petition as modified by the TAC.

DS-2014-075 by Sprague Owings of Marion County Building Department

Motion—The Commission voted unanimously, 19 - 0 in favor, to approve the Electrical TAC's and Energy TAC's recommendation on the Petition as modified by the TACs.

DS 2014-083 by Eric Neilinger of Fire Alarm Systems and Security Inc.

Motion—The Commission voted unanimously, 19 - 0 in favor, to approve the Fire TAC's recommendation to dismiss the petition (general applicability).

DS 2014-084 by Gary Kozaan of Ridgeway Plumbing Inc.

Motion—The Commission voted unanimously, 19 - 0 in favor, to approve the Plumbing TAC's recommendation on the Petition as presented.

DS2014-086 by Joe Hetzel of DASMA

Motion—The Commission voted unanimously, 19 - 0 in favor, to approve the Structural TAC's and Product Approval POC's recommendation on the Petition as presented.

DS2014-089 by T.A. Krebs of Architect T.A. Krebs, LLC.

Motion—The Commission voted unanimously, 19 - 0 in favor, to approve the Code Administration TAC's recommendation on the Petition as presented.

X. RESEARCH PROJECTS, FY 2014 – 2015, TAC CHAIRS COMMITTEE REPORT

Chairman Browdy reported that the Commission has been funding hurricane resistance research based on legislatively approved spending authority since the formation of the Commission's Hurricane Research Advisory Committee in January of 2005. At the August 2013 meeting the Commission voted to expand the funding of research projects to topics beyond the scope of hurricane resistance research and to fund research into other Code related topical areas based on recommendations from the Commission's TACs and POCs. For fiscal year 2014 -2015 the TACs and POCs met during the Summer of 2014 to discuss research needs, and developed recommendations for the Commission's consideration. Subsequently the TAC Chairs Committee met on August 21, 2014 and developed recommendations for the Commission's consideration during the August 22, 2014 meeting.

Jeff Blair reviewed the TAC Chairs Committee report and recommendations for the funding of research projects for fiscal year 2014 – 2015.

Following questions and answers, public comment and discussion, the Commission took the following action:

Commission Actions:

MOTION—The Commission voted unanimously, 19 - 0 in favor, to approve funding research projects for fiscal year 2014-2015 as recommended by the TAC chairs on the basis that the proposed projects evaluated met the three criteria for funding: 1.) definition of research and/or technical enrichment, 2.) urgency/immediacy, and needed for the 2014 FBC, and 3.) funding available (full or partial), and approved them for funding based on the funding levels recommended by the TAC chairs, and staff administering and overseeing the research, and negotiating contracting as appropriate.

Commission Actions:

MOTION—The Commission voted unanimously, 19 - 0 in favor, to accept the TAC Chairs Committee’s August 21, 2014 Facilitator’s Summary Report.

Following are the research projects approved for funding by the Commission for fiscal year 2014 – 2015:

1. Project #5: Impact of Spray Foam Insulation on Durability of Plywood and OSB Roof Decks.
Recommended for full funding: \$90,092
2. Project #6: Investigation of corrosion of fasteners for both roofing and screen enclosures.
Recommended for full funding: \$85,030
3. Project #9: Structural wood panels – Study catenary loads and develop equations for designer, design for CMU and brick veneers and opening.
Recommended for full funding: \$67,049
4. Project #1: Investigation of the Effectiveness and Failure Rates of Whole-house Mechanical Ventilation Systems in Florida.
Recommended for partial funding: \$45,000 with staff to negotiate the scoping to ensure project has applied applications.
5. Project # 8: Screen enclosures – Characterization of mechanical resistance of connection details and pressure loading in boundary layer wind tunnel including full-scale testing.
Recommended for partial funding: \$30,000, with the \$53,523 funding already committed to investigations of buildings damaged by hurricanes (provided yearly in case of hurricane damage) applied to the project if the funding is not needed for hurricane damage investigation for 2014.
6. Project #2: Developing Exhaust Air Energy Recovery Credits for the Florida Energy Code.
Recommended for partial funding: remainder or available funding ~\$29,306
7. Project #4: Phase II An Assessment of Energy Efficient Methods of Indoor Humidity Control in Florida Housing.
No funding allocated for this project.

(Attachment 6—TAC Chairs Committee August 21, 2014 Report)

XI. RULE HEARING, 61G20-6.002, BUILDING CODE TRAINING PROGRAM

Chairman Browdy reported that at the August 23, 2013 meeting the Commission approved the Education POC’s proposed language changes to paragraphs (e), (g), (h), and (i), contained in Rule 61G20-6.002, F.A.C. At the October 18, 2013 meeting the Commission conducted a rule development workshop to receive public comment and to consider the Commission’s Education Program Oversight Committee (POC) recommendations for proceeding with the Rule. At the December 13, 2013 meeting the commission conducted a supplemental rule development workshop and voted to amend Rule 61G20-6.002, Education, to adopt the Education POC’s recommendations for revisions to the Education Rule and to proceed with rule adoption for Rule 61G20-6.002. At the April 2014 meeting the Commission voted to approve the Education POC’s recommendations for additional revisions to the Education Rule, and to proceed with rule adoption for Rule 61G20-6.002, Commission Approval and Accreditation of Advanced Building Code Training Courses. The Chair explained that the Joint Administrative Procedures Committee (JAPC) provided comments on the Rule that will need to be incorporated into the Rule before final adoption. At the August 22, 2014 meeting the Commission conducted a rule adoption hearing to

incorporate legal staff's proposed rule revisions to address JAPC's comments, and to finalize rule adoption.

The Hearing was opened and April Hammonds presented DBPR legal staff's proposed rule draft revisions to address JAPC's comments. An opportunity was offered for public comment and with no public comment the hearing was closed.

Following questions and answers, public comment and discussion, the Commission took the following action:

Commission Actions:

MOTION—The Commission voted unanimously, 19 - 0 in favor, to approve DBPR legal staff's recommendations for revising the draft Education Rule language to address JAPC's comments as detailed in the letter responding to JAPC, by issuing a Notice of Change, and proceeding with rule adoption for Rule 61G20-6.002, Commission Approval and Accreditation of Advanced Building Code Training Courses, and conducting a rule adoption hearing only if requested.

XII. UPDATE ON THE ADOPTION OF 5TH EDITION OF THE FLORIDA BUILDING CODE

Chairman Browdy noted that as previously reported, the Commission voted at the August 2013 meeting to make the effective date of the *Florida Building Code Fifth Edition (2014)* midnight December 31, 2014. The selection of this date was to meet the statutory requirement to coordinate with the adoption of the updated version of the Florida Fire Prevention Code, which was being developed with an effective date of midnight December 31, 2014. The Commission is also statutorily required to have the Florida Building Code published for 6 months after publication before it becomes effective. As a result the effective date of the *Florida Building Code Fifth Edition (2014)* is dependent on when the *Florida Fire Prevention Code 2013* is adopted.

Commissioner Frank reported that the rule development workshops and rule adoption hearings are concluded, and the Division of State Fire Marshal (DSFM) is in the process of responding to JAPC's comments on the Rule. The Division is still hopeful that the *Florida Fire Prevention Code 2013* will become effective as scheduled.

Chairman Browdy responded that based on this report (DSFM negotiating with JAPC for the final rule language) the Commission would not be able to schedule a rule adoption hearing for the *5th Edition Florida Building Code (2014)* until at least the December meeting, and will need to adjust the effective date based on a realistic assessment of when the rule adoption process can be completed. If the rule adoption hearing occurs in December then the earliest effective date for the Florida Building Code would be June 15, 2015, and possibly later depending on final adoption of the Code and the need to comply with the six month publication requirement prior to the effective date. The Chair recommended that the Commission wait until the October 2014 meeting to take formal action on changing the effective date for the *5th Edition Florida Building Code (2014)* so the Commission has a clearer idea of a realistic effective date based on the adoption of the *Florida Fire Prevention Code 2013* as well as whether the Commission will be able to conduct a rule adoption hearing on the Code at the December 2014 meeting.

The Chair noted that depending on when the *Florida Fire Prevention Code 2013* was adopted, the Commission may decide to conduct a special rule adoption hearing on the *Florida Building Code Fifth Edition (2014)* if that would significantly expedite the effective date for the Updated Florida Building Code.

XVII. COMMITTEE REPORTS AND RECOMMENDATIONS

Chairman Browdy requested TAC and POC chairs to confine their reports to a brief summary of any key recommendations, emphasizing any 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 would 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 August 22, 2014 Agenda):

http://www.floridabuilding.org/fbc/commission/FBC_0814/index.htm

Accessibility TAC

Commissioner Gross presented the TAC's report and any recommendations.

Commission Actions:

MOTION—The Commission voted unanimously, 19 – 0 in favor, to accept the TAC's report as presented/posted (June 24, 2014).

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

Code Administration TAC

Commissioner Carlson presented the TAC's report and any recommendations.

Commission Actions:

MOTION—The Commission voted unanimously, 19 – 0 in favor, to accept the Code Administration TAC's report as presented/posted (August 8, 2014).

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

Electrical TAC

Commissioner Flanagan presented the TAC's report and any recommendations.

Commission Action:

MOTION—The Commission voted unanimously, 19 – 0 in favor, to accept the TAC's report as presented/posted (August 7, 2014).

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

Energy TAC

Mo Madani presented the TAC's reports and any recommendations.

Commission Action:

MOTION—The Commission voted unanimously, 19 – 0 in favor, to accept the TAC's reports as presented/posted (June 26, 2014 and August 8, 2014).

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

Fire TAC

Mo Madani presented the TAC's reports and any recommendations.

Commission Action:

MOTION—The Commission voted unanimously, 19 – 0 in favor, to accept the TAC's reports as presented/posted (June 27, 2014 and August 26, 2014).

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

Mechanical TAC

Mo Madani presented the TAC's report and any recommendations.

Commission Action:

MOTION—The Commission voted unanimously, 19 – 0 in favor, to accept the TAC's report as presented/posted (June 25, 2014).

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

Plumbing TAC

Mo Madani presented the TAC's report and any recommendations.

Commission Action:

MOTION—The Commission voted unanimously, 19 – 0 in favor, to accept the TAC's report as presented/posted (August 6, 2014).

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

Product Approval POC

Commissioner Compton presented the Committee's report and any recommendations.

Commission Action:

MOTION—The Commission voted unanimously, 19 – 0 in favor, to accept the POC's report as presented/posted (August 7, 2014).

MOTION—The Commission voted unanimously, 19 – 0 in favor, to move the Product Approval application submittal completion deadline back by one week to the current preliminary review deadline date for the product approval application cycle.

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

Roofing TAC

Commissioner Swope presented the TAC's report and any recommendations.

Commission Action:

MOTION—The Commission voted unanimously, 19 – 0 in favor, to accept the TAC's report as presented/posted (June 27, 2014).

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

Structural TAC

Commissioner Schock presented the TAC's reports and any recommendations.

Commission Actions:

MOTION—The Commission voted unanimously, 29 – 0 in favor, to accept the TAC's reports as presented/posted (June 24, 2014, July 14, 2014 and August 4, 2014).

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

Swimming Pool TAC

Commissioner Tolbert presented the TAC's report and any recommendations.

Commission Action:

MOTION—The Commission voted unanimously, 19 – 0 in favor, to accept the TAC's report as presented/posted (June 26, 2014).

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

OTHER COMMISSION ACTIONS

There were no additional Commission actions.

XVIII. 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:

- Mark Zehnal, FRSA: noted that the ICC is developing the 2015 I-Codes and expressed concern that the FBC seems to be falling further behind the International Code development cycles. Mark noted that he is not placing blame and understands the Commission's code development constraints, and noted that industry is just concerned.
- Jim Richmond, DBPR: responded that the Commission made an effort to get a year closer to the ICC editions, but was not able to do so due to statutory and rule development constraints built-in to the Commission's code development process, including waiting for the adoption of the FFPC, the 45 day review periods required after amendments are submitted and again after the TACs' recommendations before Commission action, and the requirement to publish the adopted Code for six months prior to the effective date. It was also noted that Florida is not

unique in not using the latest editions of the I-Codes, and in fact many states are multiple editions behind.

- Doug Buck, FHBA: noted that stakeholder groups are willing to go to the Legislature with consensus stakeholder recommendations regarding any needed changes to the Commission's code development process. Doug noted that if the six-month requirement between finalizing the rule and the Code becoming effective is a problem, and provided stakeholders agree, the Construction Coalition would be willing to propose legislation for a change.
- Martin Perrone: updated the Commission on OSHA's rule change regarding new requirements pertaining to arc flash safety. Noted the requirements are in OSHA 29 CFR1910.269.
- Jamie Gascon, Miami-Dade County: reported that FIU has received a research grant from the NSF regarding wind loading research, and the Commission would be receiving the benefits of the research, likely with proposed code amendments to enhance the Code based on the research.

XIX. 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:

- Brian Swope: asked whether it was a good idea for industry stakeholders to contact JAPC regarding industry's support for the Building Code Rule, and desire for a quick review by JAPC.
- Donald Brown: noted that as a past member of the Florida House of Representatives and as a former member of JAPC, it is important to be very discrete in approaching JAPC regarding their responsibility to review rules. Donald noted that it may not be appropriate for Commissioners to contact JAPC, but industry stakeholders could certainly indicate their support for the consensus based updated Florida Building Code.
- Donald Brown: expressed that he agrees with the comments that the Building Code is a different rule from most agency rules, and enjoys a broad based consensus of industry stakeholders supporting the Code.
- Brad Schiffer: recommended a stakeholder group to review the Code development cycle as it relates to coordination with the FFPC cycle (made the same request at the June 2014 meeting).
- Jeff Gross: noted that the ICC is adopted by a different process than what the Commission is required to use. The Commission has statutory and rule timeframes that must be complied with. Jeff noted that Florida is within the mean of the other states regarding which edition of the I-Codes they are using. Jeff reported that many states' codes are multiple editions behind the latest I-Code edition, and certainly further behind than Florida.
- Calleja: asked whether the Commission should provide a no later than date for the effective date for the FBC 2014.
- Mo Madani: responded that with a likely June 2015 effective date, the Code would still be consistent with when the previous editions of the FBC were adopted.
- Brian Swope: asked on the status of the Product Approval Rule adoption regarding equivalency of standards for the updated roofing tile manual.
- Mo Madani: reported that JAPC's comments have been incorporated and the rule has to be reviewed and submitted for adoption with the Department of State. Mo noted that it should be soon.

XVII. NEXT COMMISSION MEETING OVERVIEW AND ISSUES

The October 14, 2014 Commission meeting in Daytona Beach, Florida will focus on routine Commission procedural matters including Chair's issues and recommendations, updates of the Workplan, product and entity approvals, applications for accreditor and course approvals, petitions for declaratory statements, accessibility waivers, and recommendations from the Commission's various committees. In addition, the Commission will conduct any needed rule development initiatives, and discuss the effective date for the 5th Edition of the Florida Building Code (2104).

STAFF ASSIGNMENTS FROM JUNE 2013, OCTOBER 2013 MEETINGS, AND JUNE 2014

- Schedule Commission discussion regarding paperless permitting (June 2014).
- Draft a letter encouraging building departments to support staff participation in code development (October 2013).
- Prepare a Resolution of Appreciation for Herminio Gonzalez for presentation at the August 22, 2014 meeting (June 2014).

STAFF ASSIGNMENTS FROM AUGUST 2014 MEETING

None.

ADJOURNMENT

The Chair thanked Commission members and the public for their attendance and participation, and adjourned the meeting at 11:38 A.M. on Friday, August 22, 2014.

ATTACHMENT 1
FLORIDA BUILDING COMMISSION MEETING EVALUATION RESULTS

AUGUST 22, 2014—ST. PETE BEACH, FLORIDA

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

Number of Respondents: 17 of 19 Commissioners present completed meeting evaluations.

1. OVERALL MEETING ASSESSMENT.

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

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

- 9.8 ___ Chairs Issues and Recommendations.
- 9.7 ___ Accessibility Waiver Applications.
- 9.6 ___ Approvals of Products and Product Approval Entities.
- 9.8 ___ Applications for Accreditor and Course Approvals.
- 9.8 ___ Petitions for Requests for Declaratory Statements.
- 9.8 ___ Update on the Adoption of the 5th Edition of the Florida Building Code.
- 9.7 ___ Rule Adoption Hearing on Rule 61G20-6.002, Building Code Training Program.
- 9.6 ___ Recommendations for Research to be Performed During FY 2014-2015.
- 9.8 ___ TAC, POC and/or Committee Reports and Recommendations.

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

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

4. MEMBERS LEVEL OF SATISFACTION WITH THE MEETING.

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

5. HOW WELL THE NEXT STEPS WERE COMMUNICATED.

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

6. WHAT MEMBERS LIKED BEST ABOUT THE MEETING.

- As usual, the Chair kept the meeting focused.
- Every meeting has been very well run and to the point.
- On time. Good layout and sound system.
- The audio was better at this meeting.

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

- It could not. The meeting was well run
- Smaller hotel with less walking.
- Bathroom break.
- Coffee in room and too cold AC.

8. OTHER GENERAL COMMENTS.

- Good job Jeff Blair!!
- Feedback to hotel: It would be really nice if the man at the gate knew where the meeting (which building) was, so someone could save time looking for the room.

COMMENTS ON SPECIFIC AGENDA ITEMS

None were offered.

PUBLIC-MEETING EVALUATION AND COMMENT RESULTS

None were offered.

ATTACHMENT 2
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
FAR	Florida Administrative Register (previously FAW)
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 3

FLORIDA BUILDING COMMISSION HISTORY AND OVERVIEW

HISTORY

Following Hurricane Andrew in 1992, Florida experienced record-breaking insurance losses resulting in a crisis affecting every homeowner in the state. The Governor appointed a Building Code Study Commission, The Florida Conflict Resolution Consortium designed and facilitated a two-year study and deliberation process with the 28 members representing a range of interests in the public and private sectors, through which the Commission evaluated the building code system.

The study revealed that building code adoption and enforcement was inconsistent throughout the state and even local codes thought to be the strongest proved inadequate when tested by major hurricane events. The consequences were devastation to lives and economies and a statewide property insurance crisis. The Commission recommended reform of the state building construction system which placed emphasis on uniformity and accountability.

The legislature enacted the consensus recommendations into law in 1998. In late 1998, the Consortium was asked by the Commission's chair to assist the newly created Florida Building Commission in its effort to build consensus for a uniform building code proposal. A complex consensus building process was put in place that included designing and facilitating meetings of 12 balanced technical advisory groups of 11 members each appointed by the Commission, as well as the Commission's meetings. The FCRC Consensus Center at FSU continues to work with the Commission by providing facilitation and consensus-building services.

OVERVIEW

COMMISSION REPRESENTATION. The Florida Building Commission is a 27* member representative stakeholder group who successfully created, implemented, and maintains the new statewide Florida Building Code. The Commission is comprised of the Chair, and 26 members appointed to represent specific stakeholder groups. They are as follows: four code officials, two state government representatives, a local government representative, a representative of persons with disability, a structural engineer, a mechanical engineer, representatives of fire protection technology, the building management industry, and the insurance industry, a general contractor, residential contractor, mechanical contractor, plumbing contractor, electrical contractor, roofing/sheet metal/air conditioning contractor, a manufactured building representative, a building product manufacturer, a swimming pool contractor, a representative of the green building industry, a natural gas system distribution representative, and a member representing the Department of Agriculture and Consumer Services' Office of Energy.

** The 2014 Legislature amended Section 553.74 (1) F.S., to add a 27th member representing the Department of Agriculture and Consumer Services' Office of Energy, effective July 1, 2014.*

CONSENSUS PROCESS. The Florida Building Commission (FBC) seeks to develop consensus decisions on its recommendations and policy decisions. General consensus is a participatory process whereby, on matters of substance, the members strive for agreements which all of the members can accept, support, live with or agree not to oppose. In instances where, after vigorously exploring possible ways to enhance the members' support for the final decision on substantive decisions, and the Commission finds that 100 percent acceptance or support is not achievable, final decisions require at least 75 percent favorable vote of all members present and voting. This super majority decision rule underscores the importance of actively developing consensus throughout the process on substantive issues with the participation of all members and which all can live with and support.

The Commission's consensus process is conducted as an open public process with multiple opportunities for the public to provide input to the Commission on substantive issues. At each Commission meeting, the public is welcome to speak during the public comment period provided for each substantive issue under consideration, as well as general public comment periods provided at the end of each day's meeting. In addition to these opportunities for public input, most complex substantive issues before the Commission go through a consensus process where recommendations are developed by appointed representative stakeholder groups.

Since its formation in July of 1998, the Commission has demonstrated a commitment to working with affected interests to build consensus on complex issues. The adoption of the first edition of the Florida Building Code (2001 Edition), developed from September 1998 through January of 2001, involved 27 Commission meetings, dozens of facilitated public workshops and hundreds of TAC meetings. The Commission has consistently worked with all affected interests to build the best possible consensus-based decisions for the citizens of Florida. Through its committees and workgroups comprised of experts, the Commission has always developed its decisions based on the results of the best engineering and science available. Since 1999 the Commission has convened 58 special issue stakeholder workgroups to develop broad based consensus recommendations on issues of concern to stakeholders. Although the Code is by law a minimum building code, the Florida Building Code is the strongest consensus and science based building code in the country.

ATTACHMENT 4
AUGUST 21-22, 2014 MEETING AGENDA

FLORIDA BUILDING COMMISSION
PLENARY SESSION
AUGUST 21-22, 2014
THE TRADEWINDS ISLAND GRAND
5500 GULF BOULEVARD
SAINT PETE BEACH, FLORIDA

MEETING OBJECTIVES

- To Approve Regular Procedural Topics (Agenda and Minutes)
- To Consider/Decide on Chair's Discussion Issues/Recommendations.
- 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 Receive and Consider an Update on the 5th Edition of the Florida Building Code.
- To Conduct a Rule Adoption Hearing on Rule 61G20-6.002, Relating to the Building Code Training Program.
- To Receive and Consider Recommendations for Research to be Performed During FY 2014-2015
- To Receive/Decide on Reports and Recommendations from Committees.
- To Hear Public Comment
- To Identify Needed Next Steps, Assignments, and Agenda Items For Next Meeting

Committee and Workgroup Meetings held in conjunction with the Plenary Session

Meetings are held by teleconference and webinar unless otherwise indicated by site identification

June 24	9:00 a.m.	Accessibility Technical Advisory Committee
June 24	1:00 p.m.	Structural Technical Advisory Committee
June 25	2:30 p.m.	Mechanical Technical Advisory Committee
June 26	10:00 a.m.	Swimming Pool Technical Advisory Committee
June 26	1:00 p.m.	Energy Technical Advisory Committee
June 27	9:00 a.m.	Roofing Technical Advisory Committee
June 27	1:00 p.m.	Fire Technical Advisory Committee
July 14	10:00 a.m.	Structural Technical Advisory Committee [Gainesville]
August 4	2:00 p.m.	Structural Technical Advisory Committee
August 6	10:00 a.m.	Fire Technical Advisory Committee
August 6	2:00 p.m.	Plumbing Technical Advisory Committee
August 7	10:00 a.m.	Product Approval Program Oversight Committee
August 7	2:00 p.m.	Electrical Technical Advisory Committee
August 8	10:00 a.m.	Code Administration Technical Advisory Committee
August 8	2:00 p.m.	Energy Technical Advisory Committee
August 11	2:00 p.m.	Accessibility Advisory Council

August 14	10:00 a.m.	Education Program Oversight Committee
August 21	1:00 p.m.	Technical Advisory Committee Chairs Meeting [ON SITE]

MEETING AGENDA—AUGUST 22, 2014

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

8:30 a.m.	1.)	Welcome and Opening, Roll Call
	2.)	Review and Approval of Meeting Agenda
	3.)	Review and Approval of Previous Meeting Minutes Minutes: June 20, 2014 Facilitator’s Summary Report, June 20, 2014
	4.)	Chair’s Discussion Issues Resolution of Appreciation, Ila Jones Appointments: Joe Hetzel, Structural TAC Binding Interpretations Panel: George Wiggins, Chair, City of Winter Park Anthony C. Apfelbeck, Altamonte Springs John Barrios, City of Tampa Wayne Eseltine, City of Sebastian Ted Fowler, City of Cooper City John Travers, Monroe County William Weeks, City of Pensacola Howard White, St. Johns County
	5.)	Accessibility Waiver Applications
		a. Kappa Delta Sorority House, 555 West Jefferson Street, Tallahassee b. Epic Theatres, Lot Adjacent to HH Gregg, 8380 Merchants Way, Jacksonville c. The Temple House, 1415 Euclid Avenue, Miami Beach d. Alpha Gamma Delta Porch Enclosure, 517 West Park Avenue, Tallahassee e. Venezia Hotel, 3865 Indian Creek Drive, Miami Beach f. Honda of Port Charlotte, 1252 Tamiami Trail, Port Charlotte g. Ave Maria University Press Box, 4811 Kelleher Street, Ave Maria h. Collins Park Hotel, 2000 Park Avenue and 2035 Washington Avenue, Miami Beach i. DeVine Wine and Grill, 15 Alafaya Woods Boulevard, Suite 117, Oviedo j. Polk State College Center for Public Safety, 1251 Jim Keene Boulevard, Winter Haven
	6.)	Applications for Product and Entity Approval
	7.)	Applications for Accreditor and Course Approval
	8.)	Petitions for Declaratory Statement
		a. DS2014-066 by Edward Rojas of the City of Doral b. DS-2014-075 by Sprague Owings of Marion County Building Department c. DS 2014-083 by Eric Neilinger of Fire Alarm Systems and Security Inc. d. DS 2014-084 by Gary Kozan of Ridgeway Plumbing Inc.

		e. DS2014-086 by Joe Hetzel of DASMA f. DS2014-089 by T.A. Krebs of Architect T.A. Krebs, LLC.
	9.)	Research Projects, FY 14-15, TAC Chairs Committee Report
	10.)	Rule Adoption Hearing, Rule 61G20-6.002, Building Code Training Program (independently noticed)
	11.)	Update on the adoption of the 5th Edition of the Florida Building Code
	12.)	Committee Reports
		a. Accessibility Technical Advisory Committee b. Code Administration Technical Advisory Committee c. Education Program Oversight Committee d. Electrical Technical Advisory Committee e. Energy Technical Advisory Committee f. Fire Technical Advisory Committee g. Mechanical Technical Advisory Committee h. Plumbing Technical Advisory Committee i. Product Approval Program Oversight Committee j. Roofing Technical Advisory Committee k. Special Occupancy Technical Advisory Committee l. Structural Technical Advisory Committee m. Swimming Pool Technical Advisory Committee
	13.)	Public Comment
	14.)	Commissioner Comment
	15.)	<i>Adjourn</i>

ATTACHMENT 5
COMMISSION'S UPDATED MEETING SCHEDULE AND WORKPLAN

(UPDATED AUGUST 22, 2014)

COMMISSION MEETING SCHEDULE

2014	LOCATION
February 21, 2014	St. Augustine (World Golf Village)
April 17, 2014	Kissimmee (Gaylord Palms)
June 19 - 20, 2014	St. Augustine (World Golf Village)
August 22, 2014	St. Pete Beach (Tradewinds Island Resort)
October 14, 2014	Daytona Beach (Plaza)
December 12, 2013	TBD
2015	LOCATION
February 20, 2015	TBD
April 17, 2015	TBD
June 19, 2015	TBD
August 2015	TBD
October 2015	TBD
December 2015	TBD

ACCESSIBILITY COUNCIL	EDUCATION POC	PRODUCT APPROVAL POC
February 5, 2014	February 10, 2014	February 6, 2014
April 7, 2014	April 10, 2014	April 3, 2014
June 9, 2014	June 12, 2014	June 5, 2014
August 11, 2014	August 14, 2014	August 7, 2014
October 6, 2014	October 9, 2014	October 2, 2014
December 1, 2014	December 4, 2014	December 4, 2014
February 9, 2015	February 12, 2015	February 5, 2015
April 6, 2015	April 9, 2015	April 2, 2015
June 8, 2015	June 11, 2015	June 4, 2015

ATTACHMENT 6
TAC CHAIRS COMMITTEE REPORT

FLORIDA BUILDING COMMISSION
TAC CHAIRPERSONS MEETING
AUGUST 21, 2014 MEETING SUMMARY REPORT

THURSDAY, AUGUST 21, 2014

MEETING SUMMARY AND OVERVIEW

At the Thursday, August 21, 2014 meeting the TAC/POC chairs considered and decided on whether the proposed projects met the three criteria for funding: 1.) definition of research and/or technical enrichment, 2.) urgency/immediacy, and needed for the 2014 FBC, and 3.) funding available (full or partial); and decided which met the requirements, and recommended them for approval by the Commission for funding based on the recommended priorities. The TAC Chairs' voted unanimously to recommend the Commission approve funding the research projects for fiscal year 2014-2015 as recommended by the TAC chairs on the basis that the proposed projects evaluated meet the three criteria for funding, and are approved for funding based on the funding levels recommended by the TAC chairs, and staff administering and overseeing the research, and negotiating contracting as appropriate.

Background and Supporting Documents

The agenda and relevant background and supporting documents are linked to each agenda item. The Agenda URL for the August 21, 2014 TAC Chairs meeting is as follows:

http://www.floridabuilding.org/fbc/commission/FBC_0814/TAC_Chair/TAC_Chair_Agenda_0814.htm

AGENDA ITEM OUTCOMES

OPENING AND MEETING ATTENDANCE

The meeting was opened at 1:00 PM once a quorum was established, and the following TAC chairs participated:

Dick Browdy (FBC Chair), Jay Carlson (Code Administration), Kevin Flanagan (Electrical), Jeff Gross (Accessibility), Darrell Phillips (Special Occupancy), Jim Schock (Structural), Brian Swope (Roofing), and Tim Tolbert (Swimming Pool).

Other Commissioners In Attendance: James Batts.

DBPR STAFF PRESENT

Robert Benbow, Chris Burgwald, Jim Hammers, April Hammonds, Mo Madini, and Jim Richmond.

Meeting Facilitation and Reporting

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



CONSENSUS CENTER

AGENDA REVIEW

The TAC chairs voted unanimously, 9 - 0 in favor, to approve the agenda for the August 21, 2014 meeting as posted/presented. Following are the key agenda items approved for consideration:

- To Hear a Report Regarding Available Funding
- To Review Workplan/Timelines
- To Evaluate Proposed Research Projects
- To Prioritize and Provide Recommendations on Proposed Research Projects

APPROVAL OF OCTOBER 2013 MINUTES

The TAC chairs voted unanimously, 9 - 0 in favor, to approve the minutes for the October 2013 meeting as posted/presented.

DEFINITIONS OF RESEARCH AND TECHNICAL ENRICHMENT

At the August 2013 meeting the TAC Chairs approved definitions to provide clarity and consistency regarding what is meant by “research” and “technical enrichment.” The definitions are used as key criteria regarding funding proposed research projects, Following are the approved definitions:

Research: An important and necessary endeavor that aimed at studying specific code related issue(s)/topics for the purpose of providing solutions to a specific problem or future code change(s) directed at improving the implementation and enforcement of the FBC. The issue to be researched must be fully understood (i.e. with clear purpose of doing the research/goals); clearly defined with specific scope of work/approach; and within budget.

Technical Enrichment: An important and necessary endeavor that is aimed at evaluating complex related code issue(s)/topics for the purpose of providing educational/clarification experience or alternative solutions directed at improving the implementation and enforcement of the FBC. Method of delivery for these matters is through workshop/TAC meetings with specific participation of expert(s) in subject area of concern.

TAC CONSIDERATION AND EVALUATION OF PROPOSED RESEARCH PROJECTS

TAC chairs were asked to review the three criteria and to decide whether each of the proposed research projects met the three criteria for funding: 1.) definition of research and/or technical enrichment, 2.) urgency/immediacy, and 3.) funding available (full or partial). The TAC chairs voted that the following 7 projects met the criteria and should be evaluated for funding:

- Project #1: Investigation of the Effectiveness and Failure Rates of Whole-house Mechanical Ventilation Systems in Florida.
- Project #2: Developing Exhaust Air Energy Recovery Credits for the Florida Energy Code.

- Project #4: Phase II An Assessment of Energy Efficient Methods of Indoor Humidity Control in Florida Housing.
- Project #5: Impact of Spray Foam Insulation on Durability of Plywood and OSB Roof Decks.
- Project #6: Investigation of corrosion of fasteners for both roofing and screen enclosures.
- Project # 8: Screen enclosures – Characterization of mechanical resistance of connection details and pressure loading in boundary layer wind tunnel including full-scale testing.
- Project #9: Structural wood panels – Study catenary loads and develop equations for designer, design for CMU and brick veneers and opening.

Proponents of the proposed research projects that met the criteria were provided with up to fifteen minutes each to present their proposed research projects.

The members were informed that the 7 projects meeting the criteria for funding required \$502,917 to fully fund them, and there is \$346,477 available for funding (after funding project #13: hurricane damage investigation), leaving a funding deficit of \$156,440 for the full funding of the 7 projects.

Following presentations and public comments the TAC chairs ranked each of the 7 projects on a 10-point scale where 10 represents the highest priority and 1 the lowest. Following is the rank order of the projects considered for funding and the amount the TAC chairs recommended each be funded:

8. Project #5: Impact of Spray Foam Insulation on Durability of Plywood and OSB Roof Decks.
Recommended for full funding: \$90,092
9. Project #6: Investigation of corrosion of fasteners for both roofing and screen enclosures.
Recommended for full funding: \$85,030
10. Project #9: Structural wood panels – Study catenary loads and develop equations for designer, design for CMU and brick veneers and opening.
Recommended for full funding: \$67,049
11. Project #1: Investigation of the Effectiveness and Failure Rates of Whole-house Mechanical Ventilation Systems in Florida.
Recommended for partial funding: \$45,000 with staff to negotiate the scoping to ensure project has applied applications.
12. Project # 8: Screen enclosures – Characterization of mechanical resistance of connection details and pressure loading in boundary layer wind tunnel including full-scale testing.
Recommended for partial funding: \$30,000, with the \$53,523 funding already committed to investigations of buildings damaged by hurricanes (provided yearly in case of hurricane damage) applied to the project if the funding is not needed for hurricane damage investigation for 2014.
13. Project #2: Developing Exhaust Air Energy Recovery Credits for the Florida Energy Code.
Recommended for partial funding: remainder or available funding ~\$29,306
14. Project #4: Phase II An Assessment of Energy Efficient Methods of Indoor Humidity Control in Florida Housing.
No funding allocated for this project.

TAC Actions:

MOTION—The TAC chairs’ voted unanimously, 9 - 0 in favor, to recommend the Commission approve funding the research projects for fiscal year 2014-2015 as recommended by the TAC chairs on the basis that the proposed projects evaluated meet the three criteria for funding: 1.) definition of research and/or technical enrichment, 2.) urgency/immediacy, and needed for the 2014 FBC, and 3.) funding available (full or partial), and should be approved for funding based on the funding

levels recommended by the TAC chairs, and staff administering and overseeing the research, and negotiating contracting as appropriate.

TAC RECOMMENDATIONS FOR COMMISSION ACTION

MOTION—The TAC chairs' voted unanimously, 9 - 0 in favor, to recommend the Commission approve funding the research projects for fiscal year 2014-2015 as recommended by the TAC chairs on the basis that the proposed projects evaluated meet the three criteria for funding: 1.) definition of research and/or technical enrichment, 2.) urgency/immediacy, and needed for the 2014 FBC, and 3.) funding available (full or partial), and should be approved for funding based on the funding levels recommended by the TAC chairs, and staff administering and overseeing the research, and negotiating contracting as appropriate.

ADJOURN

Commissioner Browdy, Commission Chair, thanked TAC chairs and the public for their attendance and participation, and adjourned the meeting at 4:30 PM on Thursday, August 21, 2013 following an unanimous vote of 9 – 0 in favor of adjournment.