



**FLORIDA
BUILDING
COMMISSION**

"STRONGER CODES THROUGH SCIENCE AND CONSENSUS"



**FACILITATOR'S SUMMARY REPORT OF THE
JUNE 12, 2018
FLORIDA BUILDING COMMISSION MEETING
ALTAMONTE SPRINGS, FLORIDA**

PROCESS DESIGN, CONSENSUS-BUILDING AND FACILITATION BY



CONSENSUS CENTER

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FLORIDA BUILDING COMMISSION
JUNE 12, 2018 FACILITATOR'S MEETING SUMMARY REPORT

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FLORIDA BUILDING COMMISSION

JUNE 12, 2018 FACILITATOR'S SUMMARY REPORT



OVERVIEW OF COMMISSION'S KEY ACTIONS AND DECISIONS

TUESDAY, JUNE 12, 2018

I. PLENARY SESSION SUMMARY AND OVERVIEW

At the June 12, 2018 meeting conducted in Altamonte Springs the Commission considered and decided on Chair's issues and recommendations, Executive Director's announcements and discussions, product and entity approvals, applications for accreditor and course approvals, accessibility waivers, petitions for declaratory statements, and recommendations from the Commission's various committees. In addition, the Commission discussed changes to the Accessibility waiver application. Specific actions included voting to: 1.) accept the presentation for the research titled "Survey and Investigation of Buildings Damaged by Category III, IV and V Hurricanes in FY 2017-18;" 2.) conditionally approve Energy Code Compliance Software for the 6th Edition (2017) Florida Building Code, Energy Conservation, specifically Right-Suite Universal 2018 using its Right-Energy 2017 module for demonstrating compliance with residential building energy requirements for new construction, single-family homes using the Energy Rating Index compliance method, conditioned on the vendor (Wrightsoft Corporation) correcting the program consistent with FSEC's comments, and staff working with the vendor on reviewing and addressing the comments as needed. In addition, the conditional approval is limited to the Energy Rating Index compliance method; and, 3.) adopt the Commission's Fiscal Year 2017 – 2018 Annual Report, including any Commission actions taken during the June 2018 Meeting, and to charge the Chair with reviewing and approving the Final Report prior to submittal to the Legislature and Governor.

(Attachment 1—Meeting Evaluation Results)

II. CHAIRMAN'S WELCOME

Chairman Carlson welcomed the Commission, DBPR staff and the public to Altamonte Springs and the June 12, 2018 plenary session of the Florida Building Commission. The Chair noted that in addition to considering regular procedural issues including product and entity approvals, applications for accreditor and course approvals, accessibility waivers, petitions for declaratory statements, and recommendations from the Commission's various committees, the primary focus of the June meeting was to adopt the Commission's Fiscal Year 2017-2018 Annual 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.

III. COMMISSION ATTENDANCE

The following Commissioners attended the Tuesday, June 12, 2018 meeting in Altamonte Springs:

Jay Carlson (Chair), Steve Bassett, James Batts, Bob Boyer, Don Brown, Kelly Smith Burk, Oscar Calleja, Dave Compton, Nan Dean, Kevin Flanagan, Shane Gerwig, David Gilson, Richard Goff, Jeff Gross, Robert Hamberger, Brad Schiffer, Fred Schilling, Jim Schock, Drew Smith, Brian Swope, Don Whitehead, and Diana Worrall.

(22 of the 25 currently seated Commissioners attended—88%).

Absent Commissioners:

Hamid Bahadori, Brian Langille and Jeff Stone.

DBPR STAFF PRESENT

Robert Benbow, Thomas Campbell, Jim Hammers, Chris Howell, Mo Madani, Marlita Peters, and Justin Vogel.

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>

IV. AGENDA REVIEW AND APPROVAL

The Commission voted unanimously, 22 - 0 in favor, to approve the agenda for the June 12, 2018 meeting as posted/presented. Following are the key agenda items approved for consideration:

- To Consider Regular Procedural Issues: Agenda Approval and Approval of the April 10, 2018 Meeting Facilitator's Summary Report and Meeting Minutes, and the April 30, 2018 Teleconference Meeting Facilitator's Summary Report and Minutes.
- To Consider/Decide on Chair's Discussion Issues/Recommendations.

- To Consider/Decide on Executive Director Announcements and Discussions.
- To Discuss Changes to the Accessibility Waiver Application
- 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 a Briefing Regarding Legal Report.
- To Consider/Decide on Petitions for Declaratory Statements.
- To Receive and Accept the Presentation for the Research Titled “Survey and Investigation of Buildings Damaged by Category III, IV and V Hurricanes in FY 2017-18.”
- To Consider and Approve the Energy Code Software for the 6th Edition (2017) Florida Building Code, Energy Conservation.
- To Review and Approve Draft FBC FY 2017-2018 Annual Report.
- To Receive/Decide on Reports and Recommendations from Committees.
- To Hear Public Comment.
- To Review Needed Next Steps, Assignments, and Agenda Items for the Next Meeting—August 14 - 15, 2018 in Coral Gables, Florida.

Amendments to the Posted Agenda:

There were no amendments to the posted agenda.

(Attachment 4—June 12, 2018 Commission Agenda)

V. APPROVAL OF THE APRIL 10, 2018 MEETING AND APRIL 30, 2018 TELECONFERENCE MEETING FACILITATOR’S SUMMARY REPORTS AND MEETING MINUTES

MOTION—The Commission voted unanimously, 22 - 0 in favor, to approve the April 10, 2018 Meeting Facilitator’s Summary Report and Meeting Minutes, and the April 30, 2018 Teleconference Meeting Facilitator’s Summary Report and Minutes as presented/posted.

Amendments: There was no amendment offered to the meeting minutes:

VI. CHAIR’S DISCUSSION ISSUES AND RECOMMENDATIONS

The Chair recognized Jim Hammers for his excellent service behind the scenes.

Fire TAC Tracking Chart Update

The Chair reported that on May 21, 2018 additional tracking charts were posted to the BCIS to include the 2018 Code changes that were considered in conjunction with the changes to the International Fire Code and the changes to the 2018 International Fuel Gas Code as correlated with the NFPA54 National Electric Code. The additional charts linked to the BCIS are labeled as follows:

- IFC-IBC-FP
- IFC-IMC-FP
- IFC-IRC-FP
- IFC-IBC-E

- IFC-IFGC-NFPA54

Updated Commission Milestones

The Chair reminded participants that the Updated Commission Milestones document is linked to the June 12, 2018 FBC Agenda on the BCIS.

VII. EXECUTIVE DIRECTOR ANNOUNCEMENTS AND DISCUSSIONS

Tom Campbell, FBC Executive Director, briefed the Commission on the following issues:

Dr. Issa Letter

Tom noted that Dr. Raymond Issa has been named as director of the M.E. Rinker, Sr. School of Construction Management, and offered congratulations to Dr. Issa.

Continuing Education Hours for Professional Licensure Boards Clarification

In order to ensure that participants who are signing-up for CEs for their licensure category understand what their respective boards allow regarding CE hours Tom provided clarification as follows:

- Board of Architecture and Interior Design: 0 hours;
- Board of Professional Engineers: 0 hours;
- Building Code Administrators and Inspectors Board: 7 hours for attendance at a Building Commission or TAC meetings;
- Construction Industry Licensing Board: 4 hours and must be a member of a TAC; and
- Electrical Contractors' Licensing Board: 4 hours and must be a member of a TAC.

October Commission Meeting Location

Tom reported that the Commission's October 8 - 9, 2018 meeting would be at the Embassy Suites Sarasota.

TAC Review of I-Codes Meeting Dates and Locations

Tom reminded participants that the TAC's would be meeting the week of June 11 in Altamonte Springs and the week of June 18 in Daytona Beach Shores to consider recommendations to the Commission regarding I-Code changes. Tom suggested that participants should consult the BCIS for the TAC meeting schedules.

VIII. DISCUSSION OF CHANGES TO THE ACCESSIBILITY WAIVER APPLICATION

Chairman Carlson indicated that at the February meeting Commissioner Worrell requested that there be a discussion regarding how the disproportionate cost exemption is used. Diana asked whether the Commission has authority to require specific documentation for substantiating the costs used to qualify for receiving a waiver from vertical accessibility requirements based on disproportionate cost. Specifically, the renovation/construction costs, and the cost of lifts. Staff researched the issue and reported to the Commission at the April meeting, when it was agreed that staff would ensure that two elevator/lift bids are provided with the application, and that the associated costs for installing the elevator will be listed separately. At the June meeting staff reviewed proposed changes to the application form with the Commission. The proposed changes are as follows:

List of Required Information:

2. When substantial financial cost of compliance is alleged, supporting cost estimates with quotes from at least two vendors or contractors and catalog information.

All supporting cost estimates and quotes must contain an itemized breakdown of the costs to bring the project into compliance.

Tom reported that staff would agenda the issue to the Accessibility TAC and the Accessibility Waiver Advisory Council for their respective feedback and then report back to the Commission regarding next steps.

Commissioner Worrall indicated her perspective is that when historical significance is used as the basis for an accessibility waiver application, that in addition to a letter documenting the building's historical significance, the letter should also address why there is a threat to the building's historical significance as a result of meeting accessibility requirements.

Following discussion it was agreed that staff would research the issue and report back to the Commission at the August meeting.

IX. CONSIDERATION OF ACCESSIBILITY WAIVER APPLICATIONS

Justin Vogel, 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.

Commission Actions Regarding Accessibility Waiver Applications:

1. CSC Interior Renovation – Waiver 308 - 1201 Hayes St., Tallahassee 32301

MOTION—The Commission voted unanimously, 22 – 0 in favor, to approve the waiver for vertical accessibility to the second floor on the grounds of economic hardship.

2. Tal Simhoni – Waiver 292 - 7435 Harding Ave #203, Miami Beach 33141

MOTION—The Commission voted unanimously, 22 – 0 in favor, to approve the waiver for vertical accessibility to the second floor to the extent a waiver is necessary and on the grounds of historical significance.

3. Atlantic Princess Condominium Association, Inc. – Waiver 316 - 3120 Collins Avenue, Miami Beach 33139

MOTION—The Commission voted, 20 – 1 in favor, to conditionally approve the waiver for vertical accessibility to the second floor on the grounds of historical significance, conditioned on the applicant providing documentation regarding addressing why there is a threat to the building's historical significance as a result of meeting accessibility requirements.

4. Brewster Hospital & Nursing School – Waiver 310 - 843 West Monroe Street, Jacksonville 32204

MOTION—The Commission voted unanimously, 22 – 0 in favor, to conditionally approve the waiver for vertical accessibility to the second floor on the grounds of economic hardship and historical significance, conditioned on the applicant providing documentation regarding addressing why there is a threat to the building's historical significance as a result of meeting accessibility requirements.

5. 747 4th Street – Waiver 298 - 747 4th Street, Miami Beach 33139

MOTION—The Commission voted unanimously, 21 – 0 in favor, to approve the waiver for vertical accessibility to the second floor on the grounds of historical significance.

6. 701 4th Street – Waiver 293 - 701 4th Street, Miami Beach 33139

MOTION—The Commission voted unanimously, 21 – 0 in favor, to approve the waiver for vertical accessibility to the second floor on the grounds of historical significance.

7. Kappa Kappa Gamma Balcony Deck Replacement – Waiver 313 - 528 West Jefferson Street, Tallahassee 32303

MOTION—The Commission voted unanimously, 22 – 0 in favor, to approve the waiver for vertical accessibility to the second floor on the grounds of economic hardship.

8. Hell 'N Blazes Brewing Company – Waiver 314 - 1002 East New Haven Avenue, Melbourne 32901

MOTION—The Commission voted unanimously, 22 – 0 in favor, to defer the Waiver Request until the next meeting at the Applicant's request.

9. Interior Renovation for Delta Gamma Sorority House – Waiver 305 - 143 North Copeland Street, Tallahassee 32304

MOTION—The Commission voted unanimously, 22 – 0 in favor, to approve the waiver for vertical accessibility to the second floor on the grounds of economic hardship.

10. Santa Barbara Hotel – Waiver 317 - 230 20th Street, Miami Beach, 33139

MOTION—The Commission voted unanimously, 22 – 0 in favor, to approve the waiver for vertical accessibility to the first and second floors on the grounds of historical significance.

X. CONSIDERATION OF APPLICATIONS FOR PRODUCT AND ENTITY APPROVAL

Commissioner Compton presented the Product Approval Oversight Committee's recommendations for entities and product approvals on the consent agenda for approval, and Jeff Blair presented the recommendations for product approvals with comments and/or discussion.

Commission Actions on the Consent Agendas for Approval:

MOTION—The Commission voted unanimously, 22 - 0 in favor, to approve the consent agenda of product approval entities (24) as posted/presented.

MOTION—The Commission voted unanimously, 21 - 0 in favor, to approve the consent agenda of products (175) recommended for approval to the 2017 Code as posted/presented.

Commission Actions Regarding Product Approval Applications With Comments—2017 Code:

MOTION—The Commission voted unanimously, 21 – 0 in favor, to approve product FL 14911 R-10.

MOTION—The Commission voted unanimously, 21 – 0 in favor, to approve product FL 17112 R-4.

MOTION—The Commission voted unanimously, 21 – 0 in favor, to conditionally approve product FL 17668 R-1 based on the conditions identified by public comment and recommended by DBPR staff.

MOTION—The Commission voted unanimously, 21 – 0 in favor, to conditionally approve product FL 17691 R-2 based on the conditions identified by public comment and recommended by DBPR staff.

MOTION—The Commission voted unanimously, 21 – 0 in favor, to approve product FL 18568 R-1.
MOTION—The Commission voted unanimously, 21 – 0 in favor, to conditionally approve product FL 19179 R-1 based on the conditions requested by the applicant and recommended by DBPR staff.
MOTION—The Commission voted unanimously, 21 – 0 in favor, to conditionally approve product FL 21969 R-3 based on the conditions requested by the applicant and recommended by DBPR staff.
MOTION—The Commission voted unanimously, 22 – 0 in favor, to approve product FL 22267 R-3.
MOTION—The Commission voted unanimously, 22 – 0 in favor, to approve product FL 23358 R-1.
MOTION—The Commission voted unanimously, 22 – 0 in favor, to approve product FL 23359 R-1.
MOTION—The Commission voted unanimously, 22 – 0 in favor, to approve product FL 25943.
MOTION—The Commission voted unanimously, 22 – 0 in favor, to conditionally approve product FL 26350 based on the conditions identified by public comment and recommended by DBPR staff.
MOTION—The Commission voted unanimously, 22 – 0 in favor, to conditionally approve product FL 27001 based on the conditions identified by public comment and recommended by DBPR staff.
MOTION—The Commission voted unanimously, 22 – 0 in favor, to conditionally approve product FL 27022 based on the conditions identified by public comment and recommended by DBPR staff.

Commission Actions Regarding DBPR Applications:

There was no Commission action required regarding the June 2018 DBPR Applications. The complete results of Commission decisions regarding applications for product and entity approvals are available on the BCIS.

(See BCIS Website for Linked Committee Report)

XI. 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, 22 – 0 in favor, to approve advanced accredited course numbers: 910.0, 909.0, 908.0, and 907.0.

MOTION—The Commission voted unanimously, 22 – 0 in favor, to conditionally approve administratively self-affirmed courses with one change number: 715.1

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

XII. LEGAL REPORT

Rule Challenge Decision Appeal

Justin Vogel noted that as previously reported, in December of 2017 the Florida Association of American Institute of Architects, Inc. (FAAIA) filed a rule challenge to the Commission's adoption of Rule 61G20-2.002 (Statewide Amendments to the Florida Building Code) regarding the Code Update Process for development of the 7th Edition (2020) Florida Building Code. In February of 2018 the Division of Administrative Hearings' (DOAH) assigned Administrative Law Judge (ALJ) ruled that the challenged provisions of Rule 61G20-2.002 (2) were a valid exercise of delegated authority as to the objections raised, and the Petition (Rule challenge) was dismissed. The FAAIA filed an appeal to the District Courts of Appeals (1st DCA), and recently submitted their brief. DBPR is in the process of drafting an answer. Justin noted that he would keep the Commission updated on the status of the appeal.

Lawsuit Filed Against Florida Building Commission

Justin reported that Keddo Enterprises, LLC (Storm Stoppers) filed a lawsuit against the Commission and other parties. DBPR has assigned the case to outside counsel and Justin will update the Commission as appropriate.

FACBC Certification Status Report

Justin reported that he was finally able to speak with the Department of Justice (DOJ) regarding the status of the Commission's application for certification of the Florida Accessibility Code for Building Construction (FACBC). The DOJ representative indicated that they would not be proceeding with the processing of the Commission's application for certification due to a lack of resources.

XIII. CONSIDERATION OF PETITIONS FOR DECLARATORY STATEMENTS

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

1. DS2018-027 petitioned by Richard S. Barrow of Liebl & Barrow, Engineering, Inc.

Motion—The Commission voted unanimously, 21 - 0 in favor, to approve the Code Administration TAC's recommendation on the Petition (to approve staff's analysis (Option 2) as presented/posted for Q1).

2. DS 2018-016 by Angela Petrakis of Diversified Window Solutions Inc.

Motion—The Commission voted unanimously, 22 - 0 in favor, to approve the Fire TAC's recommendation on the Petition (to approve staff's amendments regarding the TAC's previous recommendations for Q1 and Q2).

3. DS 2018-025 by Samuel A. Liberatore of G.B. Collins Engineering, P.A.

Motion—The Commission voted unanimously, 22 - 0 in favor, to approve the Swimming Pool TAC's recommendation on the Petition (to approve staff's analysis (Option 2) for Q1).

4. DS 2018-034 by Ashley Ong of City of Winter Park

Motion—The Commission voted unanimously, 22 - 0 in favor, to approve the Energy TAC's recommendation on the Petition (to approve staff's analysis (Option 2) for Q1, Q2, Q3, and Q4).

XIV. UF HURRICANE DAMAGE ASSESSMENT RESEARCH PROJECT PRESENTATION ACCEPTANCE

Chairman Carlson reported that the Department (DBPR) has an annual contract with UF to investigate storm damage in the event a Category III or greater hurricane impacts Florida (Titled: Survey and Investigation of Buildings Damaged by Category III, IV, and V Hurricanes). Immediately after Hurricane Irma UF deployed their Building Codes Triage Team to investigate and collect buildings damage data from the impacts of the Hurricane. The focus of the investigations pursuant to the contract is primarily for residential construction.

At the October 9, 2017 meeting the Commission received a briefing from the University of Florida regarding preliminary assessments of the impact of Hurricane Irma on the State. Subsequently, the Commission voted to authorize DBPR staff to develop a project scope based on Commissioner and

public comments provided during the meeting for a Phase II formal damage assessment regarding the impacts of Hurricane Irma and the effectiveness of the Florida Building Code, and to develop the scope in consultation with the chairs of the Roofing and Structural TACs, and to negotiate and proceed with contracting with the University of Florida for conducting the research project. This was implemented pursuant to the Commission's direction, and the Phase II investigation was initiated.

At the April 30, 2018 Teleconference Meeting Dr. David Prevatt of UF provided a status update regarding Phase II of Hurricane Irma Damage. Dr. Prevatt provided the Commission with a presentation titled: Phase II – Damage Investigation Following Hurricane Irma in Florida – Interim Report.”

The Chair noted that at the June 12, 2018 meeting Dr. Prevatt would provide a presentation for the research titled: “Survey and Investigation of Buildings Damaged by Category III, IV, and V Hurricanes in FY 2017-2018.”

David provided the following summary of the research:

There were 800 houses surveyed, and 32 follow-up interviews with homeowners conducted. Data was collected from the property appraisers' public database on houses and permits. In addition, storm surge was reviewed.

- All indications suggest houses built to the Florida Building Code perform better than those that were not, and in all categories.
- Homeowners in landfall areas experience heightened fear of hurricanes. Concern is less in other areas of Florida.
- Water leak damage exceeds wind damage for a less than design level hurricane.
- Storm surge impacts results in substantial economic losses, comparable to wind and water leaks.

Commissioner Brown noted that it would be useful if analysis could be provided regarding whether building failures resulted from failure of design, or from failure of workmanship. In addition, if poor workmanship is deemed to be the cause, then why enforcement and inspections did not catch the substandard work.

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

Commission Actions:

MOTION—The Commission voted unanimously, 22 – 0 in favor, to accept the Presentation titled: “Survey and Investigation of Buildings Damaged by Category III, IV, and V Hurricanes in FY 2017-2018.”

XV. APPROVAL OF ENERGY CODE COMPLIANCE SOFTWARE FOR THE 6TH EDITION (2017) FLORIDA BUILDING CODE, ENERGY CONSERVATION

Chairman Carlson remarked that periodically the Commission is requested to consider approval of Energy Code Compliance Software for specific editions of the Florida Building Code, Energy Conservation. The Chair indicated that the Commission was now being asked to consider approving Energy Code Compliance Software for the 6th Edition (2017) Florida Building Code, Energy Conservation, specifically Right-Suite Universal 2018 using its Right-Energy 2017 module for

demonstrating compliance with residential building energy requirements for new construction, single-family homes using the Energy Rating Index compliance method. The Chair requested Drew Smith, Energy TAC Chair, provide the TAC's recommendation.

Commissioner Smith reported that the Energy TAC met on May 31, 2018 and reviewed the Right-Suite Universal 2018 using its Right-Energy 2017 module for demonstrating compliance with residential building energy requirements for new construction, single-family homes using the Energy Rating Index compliance method and is recommending conditional approval pursuant to addressing FSEC's comments, and staff working with the vendor (Wrightsoft Corporation) on reviewing and addressing as needed FSEC's comments. In addition, the conditional approval is limited to the Energy Rating Index compliance method.

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

Commission Actions:

MOTION—The Commission voted unanimously, 22 – 0 in favor, to conditionally approve Energy Code Compliance Software for the 6th Edition (2017) Florida Building Code, Energy Conservation, specifically Right-Suite Universal 2018 using its Right-Energy 2017 module for demonstrating compliance with residential building energy requirements for new construction, single-family homes using the Energy Rating Index compliance method, conditioned on the vendor (Wrightsoft Corporation) correcting the program consistent with FSEC's comments, and staff working with the vendor on reviewing and addressing the comments as needed. In addition, the conditional approval is limited to the Energy Rating Index compliance method.

XVI. FBC FY 2016-2017 ANNUAL REPORT APPROVAL

Chairman Carlson indicated that the Commission was briefed on and approved a Summary of Issues and Recommendations for Inclusion in the Annual Report at the April meeting. At the June meeting the Commission would review and approve the Commission's Fiscal Year 2017 - 2018 Annual Report, and the plan as always, with the Commission's support and approval, is for the Chair to review and approve the final draft of the Annual Report, ensure completeness and accuracy, and approve the Report for submittal to the Legislature and Governor.

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

Commission Actions:

MOTION—The Commission voted unanimously, 22 – 0 in favor, to adopt the Commission's Fiscal Year 2017 – 2018 Annual Report, including any Commission actions taken during the June meeting, and to charge the Chair with reviewing and approving the final Report prior to submittal to the Legislature and Governor.

(Attachment 7—FY 2017-2018 Annual Report Executive Summary—Updated)

XVI. COMMITTEE REPORTS AND RECOMMENDATIONS

Chairman Carlson 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. Acceptance of a committee report does not approve any recommendations contained within the report, and specific recommendations must be considered by separate motions. Committee reports are linked to the following URL (linked to Commission's June 12, 2018 Agenda):

http://www.floridabuilding.org/fbc/commission/FBC_0618/index.htm.

Code Administration TAC

Commissioner Gerwig presented the TAC's reports and recommendations.

Commission Action:

MOTION—The Commission voted unanimously, 21 – 0 in favor, to accept the TAC's reports as presented/posted (April 27, 2018 and May 29, 2018). (*See Agenda for Linked Committee Report*)

Education POC

Commissioner Dean presented the POC's report and recommendations.

Commission Action:

MOTION—The Commission voted unanimously, 22 – 0 in favor, to accept the POC's report as presented/posted (June 1, 2018). (*See Agenda for Linked Committee Report*)

Electrical TAC

Commissioner Flanagan presented the TAC's report and recommendations.

Commission Action:

MOTION—The Commission voted unanimously, 22 – 0 in favor, to accept the TAC's report as presented/posted (April 24, 2018). (*See Agenda for Linked Committee Report*)

Energy TAC

Commissioner Smith presented the TAC's reports and recommendations.

Commission Action:

MOTION—The Commission voted unanimously, 22 – 0 in favor, to accept the TAC's reports as presented/posted (May 1, 2018 and May 31, 2018). (*See Agenda for Linked Committee Report*)

Fire TAC

Mo Madani presented the TAC's reports and recommendations.

Commission Action:

MOTION—The Commission voted unanimously, 22 – 0 in favor, to accept the TAC's reports as presented/posted (April 27, 2018 and May 30, 2018). (*See Agenda for Linked Committee Report*)

Mechanical TAC

Commissioner Bassett presented the TAC's report and recommendations.

Commission Action:

MOTION—The Commission voted unanimously, 22 – 0 in favor, to accept the TAC's report as presented/posted (April 23, 2018). (*See Agenda for Linked Committee Report*)

Plumbing TAC

Commissioner Schilling presented the TAC's report and recommendations.

Commission Action:

MOTION—The Commission voted unanimously, 22 – 0 in favor, to accept the TAC's report as presented/posted (April 23, 2018). (*See Agenda for Linked Committee Report*)

Product Approval POC

Commissioner Compton presented the POC's report and recommendations.

Commission Action:

MOTION—The Commission voted unanimously, 22 – 0 in favor, to accept the POC's report as presented/posted (June 4, 2018). (*See Agenda for Linked Committee Report*)

Roofing TAC

Commissioner Swope presented the TAC's report and recommendations.

Commission Action:

MOTION—The Commission voted unanimously, 22 – 0 in favor, to accept the TAC's report as presented/posted (April 27, 2018). (*See Agenda for Linked Committee Report*)

Special Occupancy TAC

Commissioner Whitehead presented the TAC's report and recommendations.

Commission Action:

MOTION—The Commission voted unanimously, 22 – 0 in favor, to accept the TAC's report as presented/posted (April 23, 2018). (*See Agenda for Linked Committee Report*)

Structural TAC

Commissioner Schock presented the TAC's report and recommendations.

Commission Action:

MOTION—The Commission voted unanimously, 22 – 0 in favor, to accept the TAC's report as presented/posted (April 27, 2018). (*See Agenda for Linked Committee Report*)

Swimming Pool TAC

Commissioner Batts presented the TAC's reports and recommendations.

Commission Action:

MOTION—The Commission voted unanimously, 22 – 0 in favor, to accept the TAC's reports as presented/posted (April 23, 2018 and May 30, 2018). (*See Agenda for Linked Committee Report*)

OTHER COMMISSION ACTIONS

There were no additional Commission actions taken during the June 12, 2018 meeting.

STAFF ASSIGNMENTS FROM THE JUNE 12, 2018 MEETING

- Approve the April 23, 2018 Mechanical TAC minutes is linked at the August Commission meeting.
- Provide analysis to the Commission regarding requiring applicants' to provide documentation addressing why there is a threat to the building's historical significance as a result of meeting accessibility requirements.

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

Public Comments:

There were no additional public comments offered.

XVIII. COMMISSION MEMBER COMMENTS AND ISSUES

Chairman Carlson 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 what is done with the reports from Commission funded research projects.
- Mo Madani: responded that the reports are posted to the BCIS and available to the public.
- Brian Swope: asked whether the results from the corrosion of roof fasteners research project would be used to propose Code changes.
- Mo Madani: responded that proposed Code changes would need to be submitted by a proponent and are not automatically proposed as Code changes.

XIX. NEXT COMMISSION MEETING OVERVIEW AND ISSUES

The August 15, 2018 meeting in Coral Gables will focus on the Commission's regular procedural and substantive issues, and discussion of the Commission's process for considering the TACs' recommendations regarding I-Code changes during the October 8 - 9, 2018 Commission meeting. In addition, the TAC Chairs will meet on August 14, 2018 to make recommendations regarding the Commission's funding of research projects for Fiscal Year 2018 – 2019.

(Attachment 5—Commission Meeting Schedule)

ADJOURNMENT

The Chair thanked Commission members, staff and the public for their attendance and participation, and adjourned the meeting at 11:14 A.M. on Tuesday, June 12, 2018.

ATTACHMENT 1

FLORIDA BUILDING COMMISSION MEETING EVALUATION RESULTS

JUNE 12, 2018—ALTAMONTE SPRINGS, FLORIDA

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

Number of Respondents: 19 of 22 (86%) Commissioners present completed meeting evaluations.

1. OVERALL MEETING ASSESSMENT.

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

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

- 9.9 Chair's Issues and Recommendations.
- 9.9 Executive Director Announcements and Discussions.
- 9.9 Accessibility Waiver Application Changes Discussion.
- 9.9 Applications for Accessibility Waiver Applications Approvals.
- 9.9 Applications for Products and Product Approval Entities Approvals.
- 9.9 Applications for Accreditor and Course Approvals.
- 9.9 Legal Report Briefing.
- 9.9 Petitions for Declaratory Statements.
- 9.9 UF Hurricane Damage Assessment Research Project Acceptance.
- 9.9 Energy Code Compliance Software Approval.
- 9.9 FBC FY 2017-2018 Annual Report Approval.
- 9.9 TAC, POC, Committee, and Workgroup Reports and Recommendations.

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

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

4. MEMBERS LEVEL OF SATISFACTION WITH THE MEETING.

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

5. HOW WELL THE NEXT STEPS WERE COMMUNICATED.

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

6. WHAT MEMBERS LIKED BEST ABOUT THE MEETING.

- On time and agenda.
- Dr. Prevatt's presentation.
- The presentation about building damage.
- Dr. Prevatt's presentation.
- Good participation.

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

- Have presentations such as the Hurricane report available on a wifi network in the room, or by link on the laptops.
- Better facility.
- I have not enjoyed the meetings in Orlando due to traffic. The other sites are better.

8. OTHER GENERAL COMMENTS.

- Good job Jeff Blair.

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 (Abolished 2011)
DEP or FDEP	Florida Department of Environmental Protection
DOH or FDOH	Florida Department of Health
DOJ	U.S. Department of Justice
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.

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 64 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
JUNE 12, 2018 MEETING AGENDA

FLORIDA BUILDING COMMISSION
PLENARY SESSION
JUNE 12, 2018
EMBASSY SUITES ORLANDO NORTH
225 HORECREST DRIVE
ALTAMONTE SPRINGS, FLORIDA 32701

MEETING OBJECTIVES

- To Approve Regular Procedural Topics (Agenda and Minutes).
- To Consider/Decide on Chair's Discussion Issues/Recommendations.
- To Consider/Decide on Executive Director Announcements and Discussions.
- To Discuss Changes to the Accessibility Waiver Application
- 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 a Briefing Regarding Legal Report.
- To Consider/Decide on Petitions for Declaratory Statements.
- To Receive and Accept the Presentation for the Research Titled "Survey and Investigation of Buildings Damaged by Category III, IV and V Hurricanes in FY 2017-18."
- To Consider and Approve the Energy Code Software for the 6th Edition (2017) Florida Building Code, Energy Conservation
- To Review and Approve Draft FBC FY 2017-2018 Annual Report
- 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

April 23, 2018	10:00 a.m.	Mechanical Technical Advisory Committee concurrently with Plumbing Technical Advisory Committee
April 23, 2018	2:00 p.m.	Special Occupancy Technical Advisory Committee concurrently with Swimming Pool Technical Advisory Committee
April 24, 2018	2:00 p.m.	Electrical Technical Advisory Committee
April 27, 2018	10:00 a.m.	Roofing Technical Advisory Committee concurrently with Structural Advisory Committee
April 27, 2018	2:00 p.m.	Code Administration Technical Advisory Committee concurrently with Fire Technical Advisory Committee
May 1, 2018	2:00 p.m.	Energy Technical Advisory Committee
May 29, 2018	10:00 a.m.	Code Administration Technical Advisory Committee
May 30, 2018	10:00 a.m.	Fire Technical Advisory Committee
May 30, 2018	2:00 p.m.	Swimming Pool Technical Advisory Committee
May 31, 2018	2:00 p.m.	Energy Technical Advisory Committee
June 1, 2018	10:00 a.m.	Education Program Oversight Committee

June 4, 2018	10:00 a.m.	Product Approval Program Oversight Committee
June 4, 2018	2:00 p.m.	Accessibility Advisory Council
June 8, 2018	9:00 a.m.	Special Occupancy Technical Advisory Committee

MEETING AGENDA—JUNE 12, 2018		
<i>All Agenda Times—including Adjournment—Are Approximate and Subject to Change</i>		
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 and Facilitator Report for (April 10 and 30, 2018)
	4.)	Chair's Discussion Issues: TAC Appointments: Updated Milestones:
	5.)	Executive Director Announcements and Discussions: Dr. Issa letter (attachment) CE Discussion Future Meetings:
	6.)	Discussion of Changes to the Accessibility Waiver Application
	7.)	Accessibility Waiver Applications (Accessibility Advisory Council Report) <ul style="list-style-type: none"> 1. CSC Interior Renovation – Waiver 308 - 1201 Hayes St. , Tallahassee 32301 2. Tal Simhoni – Waiver 292 - 7435 Harding Ave #203, Miami Beach 33141 3. Atlantic Princess Condominium Association, Inc. – Waiver 316 - 3120 Collins Avenue, Miami Beach 33139 4. Brewster Hospital & Nursing School – Waiver 310 - 843 West Monroe Street, Jacksonville 32204 5. 747 4th Street – Waiver 298 - 747 4th Street, Miami Beach 33139 6. 701 4th Street – Waiver 293 - 701 4th Street, Miami Beach 33139 7. Kappa Kappa Gamma Balcony Deck Replacement – Waiver 313 - 528 West Jefferson Street, Tallahassee 32303 8. Hell 'N Blazes Brewing Company – Waiver 314 - 1002 East New Haven Avenue, Melbourne 32901 9. Interior Renovation for Delta Gamma Sorority House – Waiver 305 - 143 North Copeland Street, Tallahassee 32304 10. Santa Barbara Hotel – Waiver 317 - 230 20th Street, Miami Beach, 33139
	8.)	Applications for Product (2014) (2017) and Entity Approval
	9.)	Applications for Accreditor and Course Approval
	10.)	Legal Report
	11.)	Declaratory Statements: Legal Report <ul style="list-style-type: none"> 1. DS2018-027 petitioned by Richard S. Barrow of Liebl & Barrow, Engineering, Inc.

		2. DS 2018-016 by Angela Petrakis of Diversified Window Solutions Inc. 3. DS 2018-025 by Samuel A. Liberatore of G.B. Collins Engineering, P.A. 4. DS 2018-034 by Ashley Ong of City of Winter Park.
	12.)	To Receive and Accept the Presentation for the Research Titled “Survey and Investigation of Buildings Damaged by Category III, IV and V Hurricanes in FY 2017-18.”
	13.)	To Consider and Approve the Energy Code Software for the 6 th Edition (2017) Florida Building Code, Energy Conservation
	14.)	Review and Approval of the Commission’s Fiscal Year 2017-2018 Annual Report
	15.)	Committee Reports:
		a) Code Administration Technical Advisory Committee (April 27 and May 29, 2018) b) Education Program Oversight Committee (June 1, 2018) c) Electrical Technical Advisory Committee (April 24, 2018) d) Energy Technical Advisory Committee (May 1, 2018 and May 31, 2018) e) Fire Technical Advisory Committee (April 27, 2018 and May 30, 2018) f) Mechanical Technical Advisory Committee (April 23, 2018) g) Plumbing Technical Advisory Committee (April 23, 2018) h) Product Approval Program Oversight Committee (June 4, 2018) Facilitators Report and Minutes i) Roofing Technical Advisory Committee (April 27, 2018) j) Special Occupancy Technical Advisory Committee (April 23, 2018) k) Structural Technical Advisory Committee (April 27, 2018) l) Swimming Pool Technical Advisory Committee (April 23, 2018 and May 30, 2018)
	16.)	Public Comment
	17.)	Commissioner Comment
	18.)	Adjourn

ATTACHMENT 5

COMMISSION'S UPDATED MEETING SCHEDULE AND CODE UPDATE WORKPLAN

(UPDATED JUNE 12, 2018)

COMMISSION APPROVED MEETING SCHEDULE

FY 2017-2018	LOCATION
August 7-8, 2017	Deerfield Beach (Embassy Suites)
October 10, 2017	Tallahassee (Doubletree)
December 12, 2017	Stuart (Marriott Resort Hutchinson Island)
February 13, 2018	Jacksonville (Embassy Suites Jacksonville Baymeadows)
April 10, 2018	Lake Mary (Orlando Marriott Lake Mary)
June 10 - 15, 2018	Altamonte Springs [June 12 Plenary] (Embassy Suites Orlando N.)
August 14 -15, 2018	Miami [August 15 Plenary] (Coral Gables Biltmore)
October 8 - 9, 2018	Sarasota (Embassy Suites)
December 2018—TBD	TBD

COMMISSION'S UPDATED 2017 CODE UPDATE WORKPLAN

6TH EDITION (2017) FBC CODE UPDATE DEVELOPMENT TASKS ADOPTED UNANIMOUSLY AUGUST 18, 2016 REVISED JUNE 8, 2016, OCTOBER 13, 2016, AND APRIL 4, 2017

Hold Glitch Correction Phase after the Effective Date of the 6th Edition (2017) FBC, if needed - Rulemaking via Integrated Code

12. 6 TH EDITION (2017) UPDATE TO THE FLORIDA BUILDING CODE	
TASK	SCHEDULE
<i>Primary Code Development Phase:</i>	
2014 NEC published and available to the public;	08/2013
2015 International Codes published and available to the public;	05/2014
Commission selects 2015 I Codes and 2014 NEC as foundation for 6 th Edition (2017) FBC (<i>April 2015 Commission meeting</i>)	04/14/2015
Staff evaluates Florida amendments resulting from direction of the Legislature and Commission initiatives to propose for inclusion in the 6 th Edition (2017) FBC and publish “ Preliminary Supplement ”. Amendments are compiled in 2015 I – Codes format.	3/2015 – 6/2015
2015 I Codes plus the Preliminary Supplement – posted online	6/30/2015
Period for public to propose modifications to the 2015 I Codes and the Preliminary Supplement	7/1/2015 – 1/3/2016

Proposed amendments reviewed by staff and posted to the Commission website	1/13/2016
1 st 45 day comment period ends (<i>By law -45 day min before TAC review</i>)	2/25/2016
Staff post on Commission website proposed code changes (Tracking Charts and Detail Reports)	3/21/2016
TACs consider proposed modifications including comments from the 1 st 45 day comment period and adopt recommendations TACs meetings - 4-day on-site meetings in conjunction with the April 2016 Commission meeting	4/1-15/2016
TACs recommendations posted to the website	5/6/2016
2 nd 45 day comment period ends (<i>by law – 45 day min before Commission review</i>)	6/21/2016
Staff post on Commission website proposed code changes with comments (Tracking Charts and Details Reports)	6/30/2016
TACs consider public comments on their actions and prepare public comment for consideration by the Commission. TACs meetings – 4-day meetings [2-day on-site (Gainesville) and 2 – day via conference/webinar]	7/18-21/2016
Staff post on Commission website TACs consideration of public comments	8/1/2016
Commission considers TAC recommendations at Rule development Workshops - Commission – 2-day meeting	8/16-17/2016
Draft 6 th Edition (2017) FBC (Florida Supplement plus I Codes) posted online Provide Supplements to ICC for integration into the 2015 I-Code	9/19/2016
Rule development Workshops	12/13/2016 2/7/2017 4/4/2017
Integrated Draft 6 th Edition (2017) FBC – Posted online	4/21/2017
Final Rule Hearing on 6 th Edition (2017) FBC/Commission approves final version of Code 6 th Edition (2017) Florida Fire Prevention Code available in final format	6/813/2017
Rule Submitted to Secretary of State and Supplement/Integrated posted online – subject to addressing all JAPC’s concerns	TBD
Printed Code available - subject to negotiation with ICC	TBD
2017FBC (6th edition) effective date (6 – months after publication)	12/31/2017
Glitch Correction Phase: after effective date, if needed	
Period to propose glitch modifications to draft 6 th Edition (2017) FBC	TBD
Post Tracking/Detail reports online	TBD
TACs consider proposed glitch modifications and develop public comment via conference call/Webinars	TBD
Commission considers proposed glitch mods and TAC comments (Rule Development Workshop) Commission – 2-day meeting	TBD

Draft Supplement to the 6 th Edition (2017) FBC posted online	TBD
<i>Final Rule Hearing</i> on adoption of the Supplement to the 6 th Edition (2017) FBC/Commission	TBD
Rule Submitted to Secretary of State and Supplement posted online – subject to addressing all JAPC’s concerns	TBD
Final supplement available for download	TBD
Supplement to 2017 FBC (6th edition) effective date	TBD

ATTACHMENT 6
COMMISSION'S 2020 CODE UPDATE DEVELOPMENT WORKPLAN

7TH EDITION (2020) FBC CODE UPDATE DEVELOPMENT TASKS

7TH EDITION (2020) UPDATE TO THE FLORIDA BUILDING CODE—	
TASK	SCHEDULE
<i>Primary Code Development Phase:</i>	
2017 NEC published and available to the public;	10/2016
2018 International Codes published and available to the public;	09/2017
Commission selects 2018 I Codes “model codes” and 2017 NEC to conduct its review	10/10/2017
Staff post complete listing of the code changes to the I Codes online	1/2/2018
Staff post on Commission website analysis of the 2018 I-Code change (Tracking Charts and code change monographs)	5/1/2018
TACs review the 2018 changes to the I Codes and make recommendations to the Commission regarding those changes that are needed to accommodate the specific needs of this state. TACs meetings - 11-day on-site meetings – for more detail see TAC meeting schedule	06/7-22/2018
Staff post TACs’ recommendations online for further public review	07/10/2018
Residential Construction Cost Impact Workgroup (RCCIWG) review the TACs’ recommendations with regard to the 2018 changes to the International Residential Code (IRC) and provide comments to the Commission on impactful code changes. RCCIWG meeting – on-site meeting (Orlando Marriott Lake Mary)	07/29-30/2018
Commission considers TACs’ recommendations regarding the latest changes to the model codes that are needed to accommodate the specific needs of this state	10/8/2018
Staff post Commission’s recommendations online	11/1/2018
Period for public to propose modifications to the 6 th Edition (2017) FBC and the Commission’s approved changes to the model codes needed to accommodate the specific needs of this state	11/2/2018 – 12/15/2018
Proposed amendments reviewed by staff and posted to the Commission website	1/2/2019
1 st 45 day comment period ends (<i>By law -45 day min before TAC review</i>)	2/18/2019
Staff post on Commission website proposed code changes (Tracking Charts and Detail Reports)	3/1/2019
TACs consider proposed modifications (1 st 45 day comment period) TACs meetings - 4-day on-site meetings	3/18-21/2019
TACs recommendations posted to the website	4/12/2019
2 nd 45 day comment period ends (<i>by law – 45 day min before Commission review</i>)	6/14/2019
Staff post on Commission website proposed code changes with comments (Tracking Chats and Details Reports)	6/21/2019

TACs consider public comments on their actions on the proposed mods TACs meetings – 4-day meetings [2-day on-site and 2 – day via conference/webinar]	7/8-12/2019
Staff post on Commission website TACs consideration of public comments	7/22/2019
Residential Construction Cost Impact Workgroup (RCCIWG) reviews the TACs’ recommendations with regard to the proposed modifications to the Florida Residential Code (FRC) and provides comments to the Commission on impactful code changes.	8/1/2019
RCCIWG meeting – on-site meeting	
Commission considers TAC recommendations (2 nd 45 day comment period) Commission – 2-day meeting	8/12-13/2019
7 th Edition (2020) FBC (6 th Edition (2017) FBC, Florida Supplement and Commission’s approved I Codes) posted online	9/19/2019
Provide Supplements to ICC for integration into the 6th Edition (2017) FBC	
Rule development Workshops	February 4, 2020 April 7, 2020
Integrated Draft 7 th Edition (2020) FBC – Posted online	April 20, 2020
<i>Final Rule Hearing</i> on 7 th Edition (2020) FBC/Commission approves final version of Code 7 th Edition (2020) Florida Fire Prevention Code available in final format	June 8, 2020
Rule Submitted to Secretary of State and Supplement/Integrated posted online – subject to addressing all JAPC’s concerns	TBD
Printed Code available - subject to negotiation with ICC	TBD
2020FBC (7th edition) effective date (6 – months after publication)	12/31/2020
553.73(7)(e) A rule updating the Florida Building Code in accordance with this subsection shall take effect <u>no sooner than 6 months</u> after publication of the updated code. Any amendment to the Florida Building Code which is adopted upon a finding by the commission that the amendment is necessary to protect the public from immediate threat of harm takes effect immediately.	

ATTACHMENT 7
COMMISSION FISCAL YEAR 2017 – 2018 ANNUAL REPORT EXECUTIVE SUMMARY
UPDATED TO INCLUDE JUNE 12, 2018 COMMISSION ACTIONS

I. EXECUTIVE SUMMARY AND RECOMMENDATIONS

MEETINGS. During the reporting period of July 1, 2017 – June 30, 2018 (fiscal year 2017 – 2018) the Commission conducted six on-site meetings and 5 teleconference participation meetings. During the period the Commission conducted on-site meetings in Deerfield Beach, Tallahassee, Stuart, Jacksonville, Lake Mary, and Altamonte Springs.

OVERVIEW. The primary focus of the Florida Building Commission during the reporting period was completing adoption of the Florida Building Code, Sixth Edition (2017), which became effective December 31, 2017, and initiation of the development of the 7th Edition (2020) Florida Building Code.

The 2017 Legislature implemented amendments to Section 553.73, F.S. with regard to the triennial Code update and amendment process. Specifically, the Commission is no longer required to adopt the most recent version of the Model Codes (I Codes) as the foundation for the updated Florida Building Code, and instead the triennial update process now requires the Commission to review the Model Codes and then decide which provisions are needed to accommodate the specific needs of this State (Florida), with the exception that the Commission is required to adopt provisions required to maintain eligibility for federal funding and discounts for NFIP, FEMA, and HUD programs. In summary, the change in the Code update process reflects that the Florida Building Code, 6th Edition (2017) will serve as the “base code” for the 2020 Code Update Process.

At the October 10, 2017 meeting the Commission initiated the 2020 Code Update Process by voting to select the 2018 International Codes and 2017 NEC for review in the development of the 7th Edition (2020) Florida Building Code. The Commission’s TACs will meet in June of 2018 to review the changes to the I Codes, and subsequently make recommendations to the Commission regarding any changes that are needed to accommodate the specific needs of this State.

The Commission implemented the required changes to Section 553.73, F.S. by amending Rule 61G20-2.002 (Statewide Amendments to the Florida Building Code), F.A.C. to reflect the changes to the Code update process. The Commission conducted a rule development workshop on August 8, 2017 to amend Rule 61G20-2.002, F.A.C., for the purpose of implementing the provisions of HB 1021 regarding some of the Commission’s processes for developing the Florida Building Code. The revisions include providing a definition of “amendment”, providing the purposes for which the Commission may amend the Florida Building Code, providing the process and requirements for submitting proposed amendments to the Florida Building Code, reflecting the two-thirds favorable voting threshold requirement for TACs’ to recommend approval of proposed Code amendments, reflecting the favorable voting threshold requirement for the Commission to approve proposed Code amendments, providing the publication timelines for consideration of proposed amendments by TACs and the Commission, and the minimum timeline for when the Code can become effective after the Commission files the amended Code. At the conclusion of the Workshop the Commission voted unanimously to implement changes to Rule 61G20-

2.002 as drafted by staff with authorization for staff to make scoping revisions based on public and Commissioner comments, and to leave the rule open and subject to comment for ten additional days prior to publishing the Notice of Proposed Rule. At the October 9, 2018 meeting the Commission conducted a second rule development workshop and after considering public comment, the Commission voted unanimously to implement the changes to Rule 61G20-2.002 and the associated forms as presented by staff, incorporating all approved amendments, authorizing staff to make editorial changes as needed, authorizing the Department of Business and Professional Regulation to publish a Notice of Proposed Rule, and to delegate authority to Thomas Campbell to sign rulemaking documents on behalf of the Chairman of the Florida Building Commission.

On December 6, 2017 the Florida Association of American Institute of Architects, Inc. (FAAIA) filed a rule challenge to the Commission's adoption of Rule 61G20-2.002 (Statewide Amendments to the Florida Building Code) regarding the Code Update Process for development of the 7th Edition (2020) Florida Building Code. The FAAIA challenged the Rule as invalid based on their belief that the Rule is an invalid exercise of the Commission's delegated authority regarding implementation of the triennial update process for the Florida Building Code. On February 15, 2018 the Administrative Law Judge (ALJ) assigned by the Division of Administrative Hearings (DOAH) ruled that the challenged provisions of Rule 61G20-2.002 (2) are a valid exercise of delegated authority as to the objections raised, and the Petition was dismissed. As a result of the ruling the Commission filed the Rule for adoption and it became effective March 27, 2018. Subsequently, the FAIA filed an appeal to the District Courts of Appeals (1st DCA). The Commission will proceed with the Code update process per the Commission's adopted 2020 Code Update Scope of Work and Workplan/Schedule.

Entering its twentieth year, the Commission is focused primarily on the maintenance of existing processes and programs, while continuing to work with stakeholders to enhance the effectiveness of the Florida Building Code System by continuously monitoring, evaluating and refining the System.

PROCESS. During the reporting period the Commission continued their focus on consensus-building efforts regarding the implementation of Commission policy, with extensive input from building construction industry stakeholders and interests affected by Commission policy. Commission Chair Richard Browdy, Acting Chair Jim Schock, and current Chair Jay Carlson encouraged and led the Commission's consensus-building efforts supported by DBPR. To this end, the Commission convened two special issue projects in collaboration with impacted building construction industry stakeholders.

RESEARCH—SCIENCE BASED HURRICANE AND CODE PROTECTIONS. The Florida Building Commission has continuously assessed building systems and component failures identified after major storms since its inception in 1998, and in response has funded research to strengthen the Code's effectiveness against wind and water intrusion based on these assessments. Assessments subsequent to the implementation of the Florida Building Code indicate that the research based design wind speeds required by the Code's enhancements were adequate, and buildings built to the new Florida Building Code experienced less severe damage than did older buildings not built to the Florida Building Code.

The Code establishes minimum requirements to protect newly constructed buildings from wind, rain, flood and storm surge based on well-researched and continually-evolving engineering standards for buildings and the products that go into their construction. In addition to conducting research, developing state of the art hurricane resistance standards and integrating those standards in the Code at each revision cycle, the Commission seeks to be up-to-date with current national engineering and product standards

within the Code. As with each subsequent version, the Florida Building Code, Sixth Edition (2017) maintains this commitment.

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. The Commission currently funds research projects pertaining to hurricane resistance and other Code related topical areas to ensure the development of code amendments that make Florida's structures, and the products that comprise them, more resistant.

During the reporting period—based on recommendations from the Commission's technical advisory committees (TACs)—the Commission approved the funding of research projects for fiscal year 2017 - 2018 as recommended by the TACs' chairs on the basis that the approved projects met the three criteria for funding: 1.) definition of research and/or technical enrichment, 2.) urgency/immediacy, and needed for the 2020 FBC and/or legislative directive, and 3.) funding available (full or partial); and were approved for funding based on the TAC chairs' recommendations, and staff administering and overseeing the research, and negotiating scoping and contracting as appropriate.

As a result of evaluating proposed research projects in the context of the key evaluation criteria, the Commission sponsored important research projects on the following topics: a study on the impact of code issues on property insurance rates; an evaluation of cost impact and benefit of 2018 prescriptive Code changes; a workshop on the evaluation of the cost impact of prescriptive Code changes; a comparison of the 6th Edition Florida Building Energy Code with IECC 2018 and ASHRAE 90.1-2016; a study to evaluate the impact of code updates and the ISO, BCEGS and insurance premiums and a qualifier that would identify electrical requirements specifically; residential air leakage testing and mechanical ventilation verification study; energy impact of dehumidifier location study; a cost impact study on decking systems in reference to the roofing diaphragms and costs to the consumer; and, a research project on Chapter 233 residential facilities requirements.

Finally, during the reporting period the Commission continued its commitment to evaluating and amending the Code as needed based on storm damage investigations, and at the October 9, 2017 meeting received a briefing from the University of Florida (UF) regarding preliminary assessments of the impact of Hurricane Irma on the State pursuant to the scope of an ongoing contract with DBPR/FBC. In addition, based on the briefing the Commission voted to authorize DBPR staff to develop a project scope based on Commissioner and public comments provided during the meeting for a Phase II formal damage assessment regarding the impacts of Hurricane Irma and the effectiveness of the Florida Building Code. This was implemented pursuant to the Commission's direction, and the Phase II investigation was initiated.

At the April 30, 2018 Teleconference the Commission received an update regarding Phase II of Hurricane Irma Damage by receiving a presentation titled: Phase II – Damage Investigation Following Hurricane Irma in Florida – Interim Report.” Finally, at the June 12, 2018 meeting the Commission voted to accept the presentation from UF titled: “Survey and Investigation of Buildings Damaged by Category III, IV, and V Hurricanes in FY 2017-2018.” Of interest, the report concluded that all indications suggest houses built to the Florida Building Code perform better than those that were not built to the FBC, and in all categories.

CODE UPDATE. Florida law requires the Commission to update the Florida Building Code every three years, and the Florida Building Code, 6th Edition (2017) represented the fifth update of the Code. The

update process was based on the code development cycle of the national model building codes, which served as the “foundation” codes for the Florida Building Code. The Code update process included integration of the Florida Energy Efficiency Code for Building Construction (FEECBC) and the International Energy Conservation Code (IECC) maintaining the efficiencies of the FEECBC. The implementation of the Florida Building Code, 6th Edition (2017) ensured that Florida’s Energy Code efficiencies were maintained as required.

The 2020 Code Update process will reflect changes pursuant to 2017 legislation and now requires that the Commission shall adopt an updated Florida Building Code every 3 years through review of the most current updates of the International Building Code, the International Fuel Gas Code, International Existing Building Code, the International Mechanical Code, the International Plumbing Code, and the International Residential Code, and the National Electrical Code. At a minimum, the commission shall adopt any updates to such codes or any other code necessary to maintain eligibility for federal funding and discounts from the National Flood Insurance Program, the Federal Emergency Management Agency, and the United States Department of Housing and Urban Development. The Commission shall also review and adopt updates based on the International Energy Conservation Code (IECC); however, the commission shall maintain the efficiencies of the Florida Energy Efficiency Code for Building Construction. In summary, the Florida Building Code, 6th Edition (2017) will serve as the “base code” for the 2020 Code Update Process.

At the October 9, 2017 meeting the Commission conducted a Rule Development Workshop for Rule 61G20-2.002 (Statewide Amendments to the Florida Building Code), and voted unanimously to implement the changes to Rule 61G20-2.002 and the associated forms in conformance with the relevant changes to Section 553.73, F.S.

At the October 10, 2017 meeting the Commission initiated the 2020 Code Update process by voting to select the 2018 International Codes and 2017 NEC for review in the development of the 7th Edition (2020) Florida Building Code. The process will conclude when the 7th Edition (2020) Florida Building Code becomes effective on December 31, 2020. Following is a table reflecting the key tasks and associated schedule for the 2020 Code Update Process:

FLORIDA BUILDING CODE, 7TH EDITION (2020) DEVELOPMENT SCHEDULE	
KEY TASKS	SCHEDULE
Commission selects 2018 I Codes “model codes” and 2017 NEC to conduct its review.	October 10, 2017
TACs review the changes to the I Codes and make recommendations to the Commission regarding those changes that are needed to accommodate the specific needs of this state.	June 8-22, 2018
Commission considers TACs’ recommendations regarding the latest changes to the model codes that are needed to accommodate the specific needs of this state.	October 8, 2018
TACs consider proposed modifications (1 st 45 day comment period)	March 18-21, 2019
Commission considers TAC’s recommendations (2 nd 45 day comment period).	August 12-13, 2019
Commission conducts rule development workshop on the Commission’s package of approved Code modifications for the 7 th Edition (2020) FBC.	February 4, 2020 April 7, 2020
Final rule adoption hearing on 7 th Edition (2020) Florida Building Code—	June 8, 2020

Commission approves final version of the Code.	
Florida Building Code, 7 th Edition (2020) Effective Date.	December 31, 2020

In addition, at the April 10, 2018 meeting the Commission voted to approve the Scope of Work for the development of the 7th Edition (2020) Update to the Florida Building Code, and to adopt the TAC I-Code Changes review process.

During the period ranging from June 8, 2018 through June 22, 2018 ten of the Commission's technical advisory committees met to evaluate and provide recommendations to the Commission regarding which, if any, 2018 I-Code changes the Commission should incorporate into the 7th Edition (2020) FBC. The Commission will consider the TAC's recommendation on October 8 - 9, 2018 pursuant to the procedures provided in Rule 61G20-2.002, and in conformance with the Commission's adopted 7th Edition (2020) Code Update Development Workplan/Schedule.

Finally, using its authority granted in 2014 to interpret the Florida Accessibility Code for Building Construction (FACBC), the Commission to date has issued five interpretations regarding petitions for declaratory statements on the Accessibility Code.

ENERGY CODE INITIATIVES. During the reporting period, the Commission voted to certify that the commercial building provisions of the proposed Florida Building Code, 6th Edition (2017), Energy Conservation, will meet the 2013 edition of the Energy Standard for Buildings, Except Low-Rise Residential Buildings, American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)/ Illuminating Engineering Society of North America (IESNA) Standard 90.1, as referenced by the 2015 International Energy Conservation Code, for buildings other than low-rise residential.

In addition the Commission voted to approve Energy Code Compliance Software as follows:

- To conditionally* approve Energy Code Compliance Software update for the 5th Edition (2014) Florida Building Code, Energy Conservation, specifically Right-Suite Universal 2017 (using Right-Energy Florida 2014) for demonstrating compliance with residential building energy requirements for single-family houses.
- Energy Code Compliance Software for the 6th Edition (2017) Florida Building Code, Energy Conservation, specifically, EnergyGauge USA 6.0 for demonstrating compliance with residential building energy requirements.
- To conditionally approve Energy Code Compliance Software for the 6th Edition (2017) Florida Building Code, Energy Conservation, specifically Right-Suite Universal 2017 (using Right-Energy Florida 2017) for demonstrating compliance with residential building energy requirements for new construction, single-family houses.
- COMcheck Version 4.0.8.0 Florida Review for demonstrating compliance with commercial building energy requirements for the 6th Edition (2017) Florida Building Code, Energy Conservation.
- To conditionally approve Energy Gauge Summit 6.0 for demonstrating compliance with commercial building energy requirements for the 6th Edition (2017) Florida Building Code, Energy Conservation.
- Energy Code Compliance Software for the 6th Edition (2017) Florida Building Code, Energy Conservation, specifically REScheck version 4.6.5.0 Florida for demonstrating compliance with residential building energy requirements.
- To conditionally approve Energy Code Compliance Software for the 6th Edition (2017) Florida Building Code, Energy Conservation, specifically EnergyGauge USA Version 6.0.02 software for

demonstrating compliance with residential building energy requirements, conditioned on the vendor (FSEC) correcting the program consistent with DBPR staff's written comments, public comments provided during the meeting as appropriate, and staff working with the vendor on reviewing and addressing as needed, the written public comments linked to the Commission's Agenda. In addition, the approval is limited to the Prescriptive compliance method, and the Energy Rating Index alternative compliance method.

- To conditionally approve Energy Code Compliance Software for the 6th Edition (2017) Florida Building Code, Energy Conservation, specifically Right-Suite Universal 2018 using its Right-Energy 2017 module for demonstrating compliance with residential building energy requirements for new construction, single-family homes using the Energy Rating Index compliance method, conditioned on the vendor (Wrightsoft Corporation) correcting the program consistent with FSEC's comments, and staff working with the vendor on reviewing and addressing the comments as needed. In addition, the conditional approval is limited to the Energy Rating Index compliance method.

** Conditional approvals revert to approvals once the conditions of approval are met.*

PRODUCT APPROVAL. The product approval system is an internet-based system operated and administered by the Department of Business and Professional Regulation. Since January 1, 2014 DBPR staff has been administering the Product Approval System, and stakeholders report a high level of satisfaction with DBPR staff's administration of the System.

The Product Approval system efficiently processes hundreds of applications monthly. The Commission's Product Approval Program Oversight Committee (POC) convenes prior to every Commission meeting to review product and entity applications, address petitions for declaratory statements and consider enhancements to the product approval system. Since the system went into effect in October 2003, the Commission has approved 30,383 product applications and 133,507 products for statewide use within limitations established by the approvals. In addition, the total number of product approval applications approved to the 2017 Code is 3,759, the total number of products approved to the 2017 Code is 15,251, and the total number of entities approved to the 2017 Code is 125.

EDUCATION. Education is one of the cornerstones of the Building Code System, and the effectiveness of the Building Code depends on the knowledge of professionals who design and construct buildings. The Commission continues to work with the Department of Business and Professional Regulation and representatives of the licensing boards to establish a cooperative system for approving building code courses and integrating building code continuing education into licensing requirements. In collaboration with the System Administrator and stakeholders, the Commission is working to ensure the accountability and efficacy of the Education System. During the reporting period the Commission continued to efficiently review and approve course and accreditor applications.

LIGHTNING PROTECTION WORKGROUP PROJECT. The Lightning Protection Workgroup was appointed by Chairman Browdy during 2017 and convened in 2018. The scope of work and purpose of the Lightning Protection Workgroup was to provide consensus recommendations to the Florida Building Commission regarding whether lightning protection requirements should be included in the future update to the Florida Building Code; and if yes, to provide recommended code change language that takes into consideration available lightning protection standards and technologies. The Workgroup met on January 18, 2018 and February 12, 2018 and in the process identified key issues regarding lightning protection standards, reviewed member submitted options regarding lightning protection standards for the Florida Building Code, identified additional options, and acceptability rated all of the proposed

options. There were no options that achieved a consensus level of support, and as a result there are no recommendations for changes. It should be noted that the Status Quo achieved the highest level of support, and remains the requirement in the Florida Building Code.

RESIDENTIAL CONSTRUCTION COST IMPACT WORKGROUP. The Workgroup was convened in 2018 at the request of residential construction stakeholders in order to provide the technical advisory committees (TACs) and Commission with information regarding the cost of changes to the International Residential Code (IRC) and proposed modifications to the updated Code. The Workgroup's first task was to provide recommendations regarding the 2018 IRC and proposed modifications to the 6th Edition (2017) Florida Building Code for development of the 7th Edition (2020) Florida Building Code.

BINDING INTERPRETATION PROCESS. The Commission coordinates with the Building Officials Association of Florida (BOAF) on appointments to the Binding Interpretation Panel. The Panel consists of seven members charged with hearing requests to review decisions of local building officials. The Panel has heard 19 binding interpretations regarding the Florida Building Code to date.

LEGISLATIVE ASSIGNMENTS. The 2017 Florida Legislature through the passage of SB 1634 now 2017-97 Laws of Florida, HB 1021 now 2017-149 Laws of Florida, and HB 241 now 2017-52 Laws of Florida charged the Commission with a number of assignments impacting the Florida Building Code System. In response, the Commission worked with stakeholders and affected interests to address each of the legislative assignments through facilitated processes yielding consensus-based recommendations and Commission decisions. All of the 2017 Legislative assignments were implemented timely, and the Commission's specific actions on assignments that were not completed in time for inclusion in the 2017 Annual Report are summarized below:

Action Required: In addition to the actions required to amend the Florida Building Code, Sixth Edition (2017), 2017-149, Laws of Florida (HB 1021) and 2017-97, Laws of Florida (SB 1634) required the Commission to amend the Florida Building Code, 5th Edition (2014) to incorporate specific Legislative Code changes.

Status: The Commission posted the required amendments to the Building Code Information System (BCIS) for enforcement by Building Officials, in order to implement the provisions.

Action Required: 2017-149, Laws of Florida (HB 1021) required the Commission to change some of their processes for developing the Florida Building Code.

Status: The Commission conducted rulemaking to update rules 61G20-2.001, Commission Organization and Operations, and 61G20-2.002, Statewide Amendments to the Florida Building Code, to implement these changes.

RECOMMENDATIONS. Monitoring the building code system and determining refinements that will make it function better is a primary responsibility of the Commission, and consequently the Commission is continually effecting refinements to the building code system by administrative rule amendment(s) where the statutes provide authority. However, the building code system is established in law, requiring that some refinements must be implemented through changes to law.

In general the Commission works with building construction industry stakeholders to build consensus on legislative assignments and on modifications to the Florida Building Code, and relies on industry groups to take the lead in proposing specific legislation to implement proposed changes to statute.

The Commission's consensus developed recommendations for statutory changes designed to improve the system's effectiveness are developed in collaboration with industry stakeholders, who generally take the lead on initiating any specific legislative proposals. The Commission has no specific recommendations for 2019 Legislative actions for the period of July 1, 2017 – June 30, 2018.