



**FLORIDA
BUILDING
COMMISSION**

"STRONGER CODES THROUGH SCIENCE AND CONSENSUS"



**FACILITATOR'S SUMMARY REPORT OF THE
AUGUST 4, 2020
FLORIDA BUILDING COMMISSION
VIRTUAL MEETING VIA WEBINAR AND TELECONFERENCE**

PROCESS DESIGN, CONSENSUS-BUILDING AND FACILITATION BY



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FLORIDA BUILDING COMMISSION
AUGUST 4, 2020 FACILITATOR’S MEETING SUMMARY REPORT

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FLORIDA BUILDING COMMISSION

AUGUST 4, 2020 FACILITATOR'S SUMMARY REPORT



OVERVIEW OF COMMISSION'S KEY ACTIONS AND DECISIONS

TUESDAY, AUGUST 4, 2020

I. PLENARY SESSION SUMMARY AND OVERVIEW

In response to the coronavirus COVID-19 pandemic, the Commission conducts their August 4, 2020 meeting as a virtual meeting via webinar and teleconference. At the August 4, 2020 virtual meeting 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 received a briefing on Binding Interpretation #186. Specific actions included voting unanimously to: 1.) Approve the updated Workplan and Schedule for the 2020 Code Update Process—7th Edition (2020), Florida Building Code; 2.) Proceed with rule adoption for Rule 61G20-2.001—Commission Organization and Operations, approving proposed rule language to reflect the election of a chair from among the Commission based on a simple majority voting threshold, with a term length of one complete Code development cycle, with no term limits, and a minimum of 3 years on the Commission as the qualification requirement for election, and to delegate authority to Thomas Campbell to sign rulemaking documents on behalf of the Commission; 3.) Dismiss the complaint against Fi Foil Company, Inc. by Dermot Ennis of International Insulation Products on the basis that the product is outside the scope of the Product Approval Rule and the Commission's authority; 4.) Dismiss the complaint and not initiate an investigation regarding the complaint submitted against the International Association of Plumbing and Mechanical Officials (IAPMO) by Dermot Ennis of International Insulation Products on the basis that there is not substantial material evidence of a violation of the applicable provisions of the Product Approval Program by IAPMO; 5.) Approve funding the four research projects recommended by staff for FY 2020-2021 to support the effective implementation and enforcement of the 7th Edition (2020) FBC, and/or for the development of the 8th Edition (2023) FBC, and to charge staff with contracting, administering and overseeing the research, and negotiating scoping and funding levels as appropriate; 6.) Approve funding the four research projects for fiscal year 2020-2021 based on the HRAC's recommended priority order, and to charge staff with contracting, administering and overseeing the research, and negotiating scoping and funding levels as appropriate; 7.) Refer the *Appendix with Optional Enhanced Construction Techniques* proposed research project to a future meeting for additional evaluation regarding whether the project should be funded by the Commission; and, 8.) Refer the *Wind-Driven Rain Tests of Building Envelope Systems up to Hurricane Strength Wind-Driven Rain Intensity* research project final report to the HRAC to evaluate the

Report's recommendations and develop recommendations for any next steps by the Commission. (*Attachment 1—Meeting Evaluation Results*)

II. ACTING CHAIR'S WELCOME

Acting Chair Schock welcomed the Commission, DBPR staff and the public to the August 4, 2020 virtual meeting conducted via webinar and teleconference plenary session of the Florida Building Commission.

The Acting Chair noted that in addition to considering regular procedural issues including product and entity approvals, applications for accreditor and course approvals, accessibility waivers, and recommendations from the Commission's various committees, the primary focus of the August meeting was to conduct a rule development workshop regarding an elected chair's length of term and term limits, and to approve research projects for FY 2020-2021 funding.

The Acting Chair explained, as always the Commission would provide an opportunity for public comment on each of the Commission's substantive discussion topics. Commissioner Schock explained that if one wants to comment on a specific substantive Commission agenda item, they should wait until the facilitator requests public comment and stacks a list of names at the appropriate times during the meeting. The Acting 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 participated in the Tuesday, August 4, 2020 virtual meeting conducted via webinar and teleconference:

Jim Schock (Acting Chair), Hamid Bahadori, James Batts, Bob Boyer, Don Brown, Kelly Smith Burk, Oscar Calleja, David Compton, Nan Dean, Charles Fisher, John Gatlin, Shane Gerwig, Richard Goff, Jeff Gross, Robert Hamberger, David John, Brian Langille, Brad Schiffer, Fred Schilling, Drew Smith, Jeff Stone, Brian Swope, and Don Whitehead.

(23 of the 25 currently seated Commissioners attended—92%).

Absent Commissioners:

David Gilson, and John Wiseman.

DBPR STAFF PARTICIPATING

Thomas Campbell, Jim Hammers, Chris Howell, Mo Madani, and Justin Vogel.

MEETING FACILITATION

Meetings are facilitated, and meeting reports drafted by Jeff Blair from Facilitated Solutions, LLC. Information at: <http://facilitatedsolutions.org>.



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, 23 - 0 in favor, to approve the agenda for the August 4, 2020 meeting as posted/presented. Following are the key agenda items approved for consideration:

- 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 Receive Update Regarding the Florida Building Code, 7th Edition (2020), Workplan.
- To Conduct Rule Workshop on Rule 61G20-2.001, Commission Organization and Operations.
- 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 Petition for Declaratory Statement.
- To Receive a Briefing on Binding Interpretation #186.
- To Review and Approve Proposed Research Projects for FY 2020-2021 Funding.
- 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 (October 13, 2020 in Daytona Beach Shores or by virtual meeting TBD).

Amendments to the Posted Agenda:

There were no amendments to the posted agenda.

(Attachment 2—August 4, 2020 Commission Agenda)

V. APPROVAL OF THE JUNE 2, 2020 FACILITATOR'S SUMMARY REPORT AND MEETING MINUTES

MOTION—The Commission voted unanimously, 23 - 0 in favor, to approve the June 2, 2020 Facilitator's Summary Report and Meeting Minutes as posted/presented.

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

VI. CHAIR'S DISCUSSION ISSUES AND RECOMMENDATIONS

Updated Commission Milestones

The Acting Chair reminded participants that the Updated Commission Milestones document (updated as of June 2, 2020) is linked to the August 4, 2020 FBC Agenda on the BCIS.

VII. EXECUTIVE DIRECTOR ANNOUNCEMENTS AND DISCUSSIONS

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

Future Commission Meeting Dates

Tom reported that the October 13, 2020 meeting will be at Shores Resort and Spa, Daytona Shores, or by virtual meeting, and staff will advise on the format for the meeting closer to the date. Following are the remaining Commission meeting dates scheduled to date:

- December 15, 2020, Hyatt Regency, Sarasota or by Webinar TBD.

VIII. 7TH EDITION (2020), FLORIDA BUILDING CODE WORKPLAN UPDATE

Mo Madani provided an update regarding the Workplan/Schedule for the development of the 2020 Code Update Process—7th Edition (2020), Florida Building Code. Mo noted that the Workplan for development of the 7th Edition was now complete, and he is planning on drafting a Workplan for the development of the 8th Edition (2023), Florida Building Code for review at the October 2020 Commission meeting.

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

Commission Actions:

MOTION—The Commission voted unanimously, 23 – 0 in favor, to approve the updated Workplan/Schedule for the 2020 Code Update Process—7th Edition (2020), Florida Building Code.

(Attachment 5—Updated 2020 Code Update Workplan)

IX. RULE WORKSHOP FOR RULE 61G20-2.001

Acting Chair Schock noted that the 2020 Florida Legislature passed CS/HB 1193 reducing the Florida Building Commission from 27 to 19 members, effective on January 1, 2021. At the June 2020 meeting the Commission voted to initiate rulemaking for Rule 61G20-2.001 to revise their operational procedures to reflect the elimination of the appointed chair position. Staff prepared options for the Commission's consideration for the election of a chair and the associated length of term and term limit options for consideration during the rule development workshop.

The Acting Chair stated that once the Commission agreed on the chair's length of term and term limits and the related rule language revisions they would move to proceed with the rulemaking process.

Tom Campbell reviewed the draft rule changes and the options for election of the chair including length of term and term limit options as follows:

Length of Term Options:

1. Annually.
2. Every 3 years coinciding with the Florida Building Code's triennial update process.
3. Every 6 years.
4. Other.

Term Limit Options:

1. None.
2. No Chairman may serve for more than one term.
3. No Chairman may serve for more than three consecutive years.
4. No Chairman may serve for more than six consecutive years.
5. No Chairman may serve for more than nine consecutive years.
6. No Chairman may serve for more than twelve consecutive years.
7. Other.

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

Commission Actions:

MOTION—The Commission voted unanimously, 23 – 0 in favor, to approve electing a chair for a term of one complete Code development cycle (~3 years), with no term limits, and with a requirement of serving on the Commission for a minimum of three years to qualify for election. Staff is authorized to provide rule language addressing the election of a chair in the event there are no commissioners who meet the election qualification criteria. In addition, Rule 61G20-2.001 (4) was amended to replace ~~appointed~~ with elected, and to clarify that the vice-chair serves out the remainder of the chair's term in the event of a vacancy in the chairmanship.

MOTION—The Commission voted unanimously, 23 – 0 in favor, to approve the voting threshold requirement of a simple majority for the election of a chair.

MOTION—The Commission voted unanimously, 23 – 0 in favor, to proceed with rule adoption for Rule 61G20-2.001—Commission Organization and Operations, approving proposed rule language to reflect the election of a chair from among the Commission based on a simple majority voting threshold, with a term length of one complete Code development cycle, with no term limits, and a minimum of 3 years on the Commission as the qualification requirement for election, and to delegate authority to Thomas Campbell to sign rulemaking documents on behalf of the Commission.

X. CONSIDERATION OF ACCESSIBILITY WAIVER APPLICATIONS

Justin Vogel, Accessibility Advisory Council legal advisor, presented the Accessibility Advisory Council's recommendations for all waiver applications, and the Commission reviewed and decided on the waiver applications submitted for their consideration.

Commission Actions Regarding Accessibility Waiver Applications:

1. RAJSEJ Properties LLC – Waiver 371 - 1115 22nd Street, Vero Beach 32960

MOTION—The Commission voted unanimously, 23 – 0 in favor, to grant the waiver for vertical accessibility to the second floor to the extent it has been made necessary.

2. Dept. of VA Mental Health and Outpatient Clinics – Waiver 462 - 3349 SW Williston Road, Gainesville 32601

The waiver application was withdrawn by the applicant, and no action was needed by the Commission.

3. SoBe Hostel – Waiver 469 - 235 Washington Avenue, Miami Beach 33139

MOTION—The Commission voted unanimously, 23 – 0 in favor, to grant the waiver for vertical accessibility to the first and second floors based on the grounds of economic hardship and the historical nature of the property.

4. Iceberg 721 LLC – Waiver 457 - 721 Michigan Avenue, Miami Beach 33139

MOTION—The Commission voted unanimously, 23 – 0 in favor, to grant the waiver for vertical accessibility to the second floors of two separate existing two-story rooming houses based on the grounds of economic hardship.

XI. CONSIDERATION OF APPLICATIONS FOR PRODUCT AND ENTITY APPROVAL

Jeff Stone 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, 23 - 0 in favor, to approve the consent agenda of product approval entities (9) as posted/presented.

MOTION—The Commission voted unanimously, 23 - 0 in favor, to approve the consent agenda of products (126) recommended for approval to the 2017 Code as amended to remove FL 20155 R-3 for individual consideration.

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

MOTION—The Commission voted unanimously, 23 – 0 in favor, to conditionally approve product FL 32364 based on the conditions requested by the applicant and recommended by DBPR staff.

MOTION— The Commission voted unanimously, 23 – 0 in favor, to conditionally approve product FL 32407 based on the conditions requested by the applicant and recommended by DBPR staff.

MOTION— The Commission voted unanimously, 23 – 0 in favor, to conditionally approve product FL 20155 R-3 based on the conditions requested by the applicant and recommended by DBPR staff.

Commission Actions Regarding DBPR Applications:

There was no Commission action required regarding the August 2020 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*)

Complaint submitted against the International Association of Plumbing and Mechanical Officials (IAPMO) and Fi Foil Company, Inc. by Dermot Ennis of International Insulation Products

Acting Chair Schock reported that a complaint was submitted against the International Association of Plumbing and Mechanical Officials (IAPMO) and Fi Foil Company, Inc. by Dermot Ennis of International Insulation Products. The POC decided to bifurcate the complaint into two separate actions, the complaint on the product and the complaint on the evaluation entity.

First, the POC decided that the product was outside the scope of the Rule and Commission's authority, and recommended that the Commission dismiss the complaint against Fi Foil Company, Inc. on the basis that the product is outside the scope of the Product Approval Rule and the Commission's authority.

Second, the POC determined that none of the seven provisions of the Rule for revocation or modification of entities by the Commission were violated, and recommended that the Commission dismiss the complaint and not initiate an investigation regarding the complaint submitted against the International Association of Plumbing and Mechanical Officials (IAPMO) by Dermot Ennis of International Insulation Products on the basis that there is not substantial material evidence of a violation of the applicable provisions of the Product Approval Program by IAPMO.

Of note, several commissioners felt that there were valid concerns in the complaint, but in so far as the Commission's authorities allow there were no violations of the Product Approval Rule.

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 dismiss the complaint against Fi Foil Company, Inc. by Dermot Ennis of International Insulation Products on the basis that the product is outside the scope of the Product Approval Rule and the Commission's authority.

MOTION—The Commission voted unanimously, 22* – 0 in favor, to dismiss the complaint and not initiate an investigation regarding the complaint submitted against the International Association of Plumbing and Mechanical Officials (IAPMO) by Dermot Ennis of International Insulation Products on the basis that there is not substantial material evidence of a violation of the applicable provisions of the Product Approval Program by IAPMO.

**Commissioner Schilling recused himself from voting on the two motions.*

XII. 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, 23 – 0 in favor, to approve advanced accredited course numbers: 979.0, 970.0, 960.0, 954.0, 955.0, 956.0, and 957.0.

MOTION—The Commission voted unanimously, 23 – 0 in favor, to conditionally approve advanced accredited course numbers: 974.0, and 976.0.

MOTION—The Commission voted unanimously, 23 – 0 in favor, to conditionally approve advanced accredited course number: 962.0.

MOTION—The Commission voted unanimously, 22* – 0 in favor, to conditionally approve advanced accredited course number: 971.0.

MOTION—The Commission voted unanimously, 23 – 0 in favor, to defer action on advanced accredited course number: 958.0 until the next meeting.

MOTION—The Commission voted unanimously, 23 – 0 in favor, to approve administratively approved updated courses with one change numbers: 686.2, 692.2, 701.2, 659.2, 900.1, 658.2, 937.1, 949.1, 661.2, and 660.2.

MOTION—The Commission voted unanimously, 23 – 0 in favor, to conditionally approve administratively approved updated courses with one change numbers: 896.1, and 895.1.

** Commissioner John abstained from voting on this application.*

XIII. LEGAL REPORT

Justin Vogel, Commission Legal Counsel, reported that DBPR received a letter from the Florida Legislature’s Joint Administrative Procedures Committee (JAPC) in June pertaining to Rule Chapter 61G20-3 (Product Approval Rule). Justin noted that he responded by letter to JAPC’s comments on July 23, 2020, and once he hears back he will advise the Commission on any needed actions, and whether the Commission will need to enter into rulemaking to make minor changes to specific sections of the Rule.

XIV. 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. DS 2020-022 by Eduard C. Badiu of CeBB Engineering & Testing Co.

Motion—The Commission voted unanimously, 23 - 0 in favor, to accept the withdrawal of the Petition at the Petitioners request, and to dismiss the Petition.

XV. BINDING INTERPRETATION #186 BRIEFING

Acting Chair Schock reported that Binding Interpretation #186 was petitioned by George Miles regarding the Volusia County Building Officials interpretation pursuant to the Existing Building Code, Chapter 7 – Alterations – Level 1, Section 708.3. The issue involves a petition for a binding interpretation on the BO’s interpretation that an overlay of an existing roof can only be done without meeting the requirements of 1504.1 for attachment of the roof sheathing and nailing, and since the roof was not removed and nailing cannot be verified the roof must be removed to comply with the provisions of 703.3.5 that require Section 1504.1 to be met.

Mo Madani briefed the Commission on the Binding Interpretation Panel’s opinion as follows:

Binding Interpretation #186: Questions and Answers:

Q1) Is recovering of an existing shingle roof as noted [in Fl. Existing Building Code Sec 706.3] [an] acceptable means?

A: Yes.

Q2) [Does] the code restrict the ability of a homeowner to recover [existing shingle roof] even when section 1504 is not met due to the roof not being removed?

A: No, subject to the criteria listed in paragraphs 1-5 in FBC, Existing Buildings Sec 706.3.

Q3) Since the [existing] shingles are not being removed, [is] recovering allowed?

A: Yes.

Binding Interpretation Panel Comment: FBC, Existing Buildings Sec 706.3, paragraph 5 is a condition that does not apply because the existing roof is not being used for attachment for a “new roof system”. A “new roof system” has been interpreted as a new roof assembly and is not specifically defined in the Code, which has created confusion in the interpretation of this provision. If it was intended that paragraph 5 be met including the provisions for wind load attachments in FBC Section 1504 then it will not be possible to perform any reroofing over an existing shingle roof and would thereby render FBC, Existing Buildings Sec 706.3 Recovering versus replacement void and of no effect. This is clearly not the intent of this Code section.

XVI. APPROVAL RESEARCH PROJECTS FOR FISCAL YEAR 2020-2021 FUNDING

Acting Chair Schock indicated 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. In August of 2013 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, and then in April of 2019 the Commission decided to limit funding to hurricane resistant research for FY 2019-2020 based on the frequency and intensity of recent hurricanes.

At the April 7, 2020 meeting the Commission again voted to limit the scope of Commission funding of research projects for fiscal year 2020-2021 to hurricane resistant research, and to approve using the Hurricane Research Advisory Committee for reviewing and making recommendations to the Commission regarding which projects to fund.

The Hurricane Research Advisory Committee reviewed proposed research project proposals during their April 30, June 26 and July 28, 2020 meetings, and at the August 3, 2020 meeting the HRAC prioritized the proposed research projects for Commission consideration and funding.

The research projects determined to meet the criteria for funding will be funded in prioritized order based on the amount of funding available for the fiscal year. If additional funds become available during the fiscal year the next priority level project or projects will be funded with staff contracting, administering and overseeing the research, and negotiating scoping and funding levels as appropriate.

The following research projects were identified by staff as needed to support the effective implementation and enforcement of the 7th Edition (2020) FBC, and/or for the development of the 8th Edition (2023) FBC. Staff requested that the Commission approve funding these four research projects first, and then consider the HRAC’s priorities for funding the additional research projects based on available funding.

- A. Evaluation of the Cost Impact and Benefit of 2021 IBC Prescriptive Code Changes (UF/\$99,898).
- B. Deletion of the Earthquake and Snow Provisions in the FBC (Eric Stafford/\$15,600).
- C. Comparison of the 7th Edition Florida Building Energy Conservation Code with IECC 2021 & ASHRAE 90.1-2019 (FSEC/\$75,000).

D. 7th Edition (2020) Florida Building Code, Energy Conservation Volume vs. 2018 International Energy Conservation Code Residential Stringency Analysis (FSEC/\$11,000).

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, 22 – 1 in favor, to approve funding the *Evaluation of the Cost Impact and Benefit of 2021 IBC Prescriptive Code Changes* research project’s scope of work to include both the commercial and residential provisions.

MOTION—The Commission voted unanimously, 23 – 0 in favor, to approve funding the four research projects recommended by staff for FY 2020-2021 to support the effective implementation and enforcement of the 7th Edition (2020) FBC, and/or for the development of the 8th Edition (2023) FBC, and to charge staff with contracting, administering and overseeing the research, and negotiating scoping and funding levels as appropriate.

The HRAC reviewed the five proposed research projects for FY 2020-2021 and determined that four of the five met the criteria for research project funding.

Yes - 1.) Wind Loading on Elevated Residential Structures (FIU/UF) [\$150,000]

Yes - 2.) Wind-Induced Loads on Roof Overhangs (FIU) [\$150,000]

Yes - 3.) Updating the Statewide Extreme Rainfall Projections (FIU) [\$137,124]

No - ~~4.) Appendix with Optional Enhanced Construction Techniques (FDEM) [\$23,925]~~

Yes - 5.) Wind Speed Line Maps Web Viewer (UF) [\$20,000]

Subsequently, the HRAC prioritized the four remaining projects and recommended the following research projects relevant to hurricane resistant research be funded for fiscal year 2020-2021 based on available funds in the following order (Priorities 1-4):

Priority #1: Updating the Statewide Extreme Rainfall Projections (FIU) [\$137,124].

Priority #2: Wind-Induced Loads on Roof Overhangs (FIU) [\$150,000].

Priority #3: Wind Speed Line Maps Web Viewer (UF) [\$20,000].

Priority #4: Wind Loading on Elevated Residential Structures (FIU/UF) [\$150,000].

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, 23 – 0 in favor, to approve referring the *Appendix with Optional Enhanced Construction Techniques* proposed research project to a future meeting for additional evaluation regarding whether the project should be funded by the Commission. Staff is charged with determining the best format (e.g. the Hurricane Research Advisory Committee) for evaluating the project, and to ensure that commissioners and interested stakeholders are invited to participate.

MOTION—The Commission voted unanimously, 23 – 0 in favor, to approve funding the four research projects for fiscal year 2020-2021 based on the HRAC’s recommended priority order, and to charge staff with contracting, administering and overseeing the research, and negotiating scoping and funding levels as appropriate. (*Attachment 6—FY 2020-2021 Research Projects Funding Summary*)

XVII. COMMITTEE REPORTS AND RECOMMENDATIONS

Acting Chair Schock 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 Acting 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 TACs and POCs 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 August 4, 2020 Agenda*):

http://www.floridabuilding.org/fbc/commission/FBC_0820/index.htm.

Education POC

Commissioner Dean presented the POC's report and recommendations.

Commission Action:

MOTION—The Commission voted unanimously, 23 – 0 in favor, to accept the POC's report as presented/posted (July 23, 2020).

Hurricane Research Advisory Committee

Jeff Blair presented the Committee's reports and recommendations.

Commission Action:

MOTION—The Commission voted unanimously, 23 – 0 in favor, to accept the HRAC reports as presented/posted (June 26, July 28 and August 3, 2020).

MOTION—The Commission voted unanimously, 23 – 0 in favor, to refer the *Wind-Driven Rain Tests of Building Envelope Systems up to Hurricane Strength Wind-Driven Rain Intensity* research project final report to the HRAC to evaluate the Report's recommendations and develop recommendations for any next steps by the Commission.

Product Approval POC

Commissioner Stone presented the POC's report and recommendations.

Commission Action:

MOTION—The Commission voted unanimously, 23 – 0 in favor, to accept the POC's report and Facilitator's summary report as presented/posted (July 23, 2020).

Roofing TAC

Commissioner Swope presented the TAC's reports and recommendations.

Commission Action:

MOTION—The Commission voted unanimously, 23 – 0 in favor, to accept the TAC's reports as presented/posted (June 11 and July 27, 2020).

Structural TAC

Commissioner Schock presented the TAC's reports and recommendations.

Commission Action:

MOTION—The Commission voted unanimously, 23 – 0 in favor, to accept the TAC's reports as presented/posted (June 26 and July 28, 2020).

XVIII. COMMISSION MEMBER COMMENTS AND ISSUES

Acting Chair Schock invited Commission members to offer any general comments to the Commission, or identify any issues or agenda items for the next Commission meeting.

Commissioner Comments:

- Brad Schiffer: asked whether advanced education courses are still approved in the same manner as they were before the recent legislative changes.
- Tom Campbell: responded, yes.

XIX. 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, Acting Chair Schock invited members of the public to address the Commission on any issues under the Commission's purview.

Public Comments:

- Matt Dobson, Vinyl Siding Institute: commented on the University of Florida's *Phase II: Experimental Evaluation of Pressure Equalization Factors and Wind Resistance of Vinyl Siding Systems Using a Multi-Chamber Pressure Test Bed* research project's advisory group process and the final report. Matt indicated that industry wanted more involvement in the project and did not feel that the advisory group was handled collaboratively, or that their input was taken seriously. Stated that requests for delays in testing to allow more effective industry participation were denied, and that the final report was not provided to the advisory group for review prior to submittal to the HRAC and Structural TAC for acceptance. Indicated that industry was not satisfied with the advisory group process, and that industry will be submitting a more detailed response with their comments to the Commission.
- Fernando Pages, consultant to the Vinyl Siding Institute (VSI): commented on the University of Florida's *Phase II: Experimental Evaluation of Pressure Equalization Factors and Wind Resistance of Vinyl Siding Systems Using a Multi-Chamber Pressure Test Bed* research project process and methodology. Stated that testing failures and the project's methodology caused concern for the testing result and the project's findings. Reported that the researchers did not work collaboratively with industry on the project. Felt that the testing methodology was faulty, and equipment failures led to erroneous conclusions. Indicated that the schedule was driving the project and not the efficacy of the testing protocols. Stated that the VSI was not satisfied with the technical aspects of the project, or the level of collaboration with industry stakeholders.

XX. NEXT COMMISSION MEETING OVERVIEW AND ISSUES

The October 13, 2020 meeting will focus on the Commission's regular procedural and substantive issues, and any relevant rule development initiatives. Staff will keep the Commission and stakeholders informed regarding whether the October 13, 2020 meeting will be a face-to-face meeting in Daytona Beach Shores, or a virtual meeting.

(Attachment 5—Commission Meeting Schedule)

OTHER COMMISSION ACTIONS

All Commission actions taken during the August 4, 2020 meeting are reflected under specific agenda items.

STAFF ASSIGNMENTS FROM THE AUG. 3, 3030 HRAC AND AUG. 4, 2020 COMMISSION MEETING

- **HRAC August 3, 3030 Meeting Assignment:** Schedule the HRAC to meet to set research proposal topic priorities for the next fiscal year, and provide the results to potential PIs timely so the prioritization results can be used to formulate relevant research projects for funding. In addition, staff should add an annual meeting to the Research Work Plan for the HRAC to set priorities for research topics.
- Refer the *Wind-Driven Rain Tests of Building Envelope Systems up to Hurricane Strength Wind-Driven Rain Intensity* research project final report to the HRAC to evaluate the Report's recommendations and develop recommendations for any next steps by the Commission.
- Schedule a meeting (e.g., with the HRAC) to make recommendations regarding whether the *Appendix with Optional Enhanced Construction Techniques* proposed research project should be funded by the Commission.

ADJOURNMENT

After a closing roll call confirmed that the Commission retained a quorum (23 of the 23 Commission members who responded to the opening roll call), the Acting Chair thanked Commission members, staff and the public for their participation, and adjourned the meeting at 10:53 AM on Tuesday, August 4, 2020.

ATTACHMENT 1

FLORIDA BUILDING COMMISSION MEETING EVALUATION RESULTS

AUGUST 4, 2020—VIRTUAL MEETING VIA WEBINAR AND TELECONFERENCE

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

Number of Respondents: 17 of 23 (77% response rate) Commissioners participating in the virtual meeting completed meeting evaluations.

1. OVERALL MEETING ASSESSMENT.

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

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

- 9.8 Chair's Discussion Issues and Recommendations.
- 9.8 Executive Director's Announcements and Discussions.
- 9.7 7th Edition (2020), Florida Building Code Workplan Update.
- 9.8 Rule Workshop on 61G20-2.001.
- 9.8 Applications for Accessibility Waiver Applications Approvals.
- 9.6 Applications for Products and Product Approval Entities Approvals.
- 9.8 Applications for Accreditor and Course Approvals.
- 9.6 Legal Report Briefing.
- 9.3 Petitions for Declaratory Statements.
- 9.3 Binding Interpretation #186 Briefing.
- 9.8 FY 2020-2021 Research Project Funding.
- 9.6 TAC, POC, Committee, and Workgroup Reports and Recommendations.

3. HOW WELL THE FACILITATOR HELPED THE COMMISSIONERS 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.
- 9.9 The Facilitator helped us arrange our time well.
- 9.9 Commission actions were documented accurately in Facilitator's Report (previous meeting).

4. COMMISSIONERS 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 COMMISSIONERS LIKED BEST ABOUT THE MEETING.

- Jeff handles the web-based meeting extremely well. All the items were covered that were included in the agenda. I think it was an improvement to see the cameras. Very impressed how Jeff is able to facilitate the web meeting.
- No travel.
- Seeing several commissioners (on camera).

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

- Not the fault of the FBC, but miss the in-person meetings. Think it helps to get to know the commissioners and the stakeholders.
- A ten-minute break.
- The coffee service is in need of serious improvement.

8. FEEDBACK ON HOW THE VIRTUAL MEETING WORKED AND COULD BE IMPROVED.

- I thought today's virtual meeting went very well. I think we are all starting to get the hang of this. Thank you!
- Worked great.
- Webinar worked great again, thanks Jeff.
- The meeting worked well.
- Turn on video of DBPR staff (Tom, Justin and Mo) and members of the public when they are speaking.
- Adding the camera for the commissioners was an excellent idea. Maybe make it mandatory for a commissioner to have a camera????

SUGGESTIONS FOR IMPROVEMENTS FROM THE COMMENTS PROVIDED ABOVE

- Turn on video of DBPR staff (Tom, Justin and Mo).
- Ask commissioners to use their cameras throughout the meeting.
- Turn on video of members of the public when they are speaking.
- Consider a short break during the meeting.

ATTACHMENT 2
AUGUST 4, 2020 MEETING AGENDA

FLORIDA BUILDING COMMISSION
PLENARY SESSION
AUGUST 4, 2020
TELECONFERENCE/WEBINAR

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 Receive Update Regarding the Florida Building Code, 7th Edition (2020), Workplan.
- To Conduct Rule Workshop on Rule 61G20-2.001, Commission Organization and Operations.
- 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 Petition for Declaratory Statement.
- To Receive a Briefing on Binding Interpretation #186.
- To Review and Approve Proposed Research Projects for FYI 2020/2021 Funding.
- 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.

COMMISSION COMMITTEES—WEBINAR AND TELECONFERENCE MEETINGS

June 11, 2020	10:00 a.m.	Roofing Technical Advisory Committee
June 26, 2020	1:00 p.m.	Structural Technical Advisory Committee concurrent with The Hurricane Research Advisory Committee
July 23, 2020	9:00 a.m.	Education Program Oversight Committee
July 23, 2020	10:00 a.m.	Product Approval Program Oversight Committee
July 23, 2020	2:00 p.m.	Accessibility Advisory Council
July 27, 2020	10:00 a.m.	Roofing Technical Advisory Committee
July 28, 2020	9:00 AM	Structural Technical Advisory Committee Concurrent with the Hurricane Research Advisory Committee
August 3, 2020	9:00 AM	Hurricane Research Advisory Committee

MEETING AGENDA—AUGUST 4, 2020

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

8:30 a.m.	1.)	Welcome and Opening, Roll Call Virtual Meeting Participation Process Guidelines
	2.)	Review and Approval of Meeting Agenda

	3.)	Review and Approval of Previous Meeting Minutes and Facilitator's Summary Report for June 2, 2020
	4.)	Chair's Discussion Issues: Appointments: Milestones:
	5.)	Executive Director Announcements and Discussions: Future Meetings: October 13, 2020 -Shores Resort and Spa, Daytona Beach, Florida or Webinar TBD December 15, 2020 – Hyatt Regency, Sarasota, Florida or Webinar TBD
	6.)	To Receive Update Regarding the Florida Building Code, 7th Edition, (2020) Workplan
	7.)	Conduct Rule Workshop on Rule 61G20-2.001, Commission Organization and Operations
	8.)	Accessibility Waiver Applications: (Accessibility Advisory Council Report) 1. RAJSEJ Properties LLC – Waiver 371 - 1115 22nd Street, Vero Beach 32960 2. Dept. of VA Mental Health and Outpatient Clinics – Waiver 462 - 3349 SW Williston Road, Gainesville 32601 3. SoBe Hostel – Waiver 469 - 235 Washington Avenue, Miami Beach 33139 4. Iceberg 721 LLC – Waiver 457 - 721 Michigan Avenue, Miami Beach 33139
	9.)	Applications for Product (2017)(2020) and Entity Approval
	10.)	Applications for Accreditor and Course Approval
	11.)	Legal Report
	12.)	Declaratory Statement: DS 2020-022 by Eduard C. Badiu of CeBB Engineering & Testing Co.
	13.)	To Receive Briefing on Binding Interpretation #186
	14.)	To Review and Approve Proposed Research Projects for FY 2020/2021 Funding.
	15.)	Committee Reports: Education Program Oversight Committee (7/23/2020) Hurricane Research Advisory Committee (June 26, 2020) (7/28/2020) (8/3/2020) Product Approval Program Oversight Committee (7/23/2020) Roofing Technical Advisory Committee (June 11, 2020) (7/27/2020) Structural Technical Advisory Committee (June 26, 2020) (7/28/2020)
	16.)	Commissioner Comment
	17.)	Public Comment
	18.)	Adjourn Commission Plenary Session

ATTACHMENT 3 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 4

FLORIDA BUILDING COMMISSION HISTORY AND OVERVIEW

HISTORY

Following Hurricane Andrew in 1992 and Hurricane Opal in 1995, Florida experienced record-breaking insurance losses resulting in a crisis affecting every homeowner in the state. The Governor appointed a Building Code Study Commission, and 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 Study Commission recommended a Florida Building Code System comprised of *Five Foundations for a Better Built Environment* described as: I. The Code; II. The Commission; III. Local Administration of the Code; IV. Strengthening Compliance and Enforcement; and, V. Product Approval.

The legislature enacted the consensus recommendations into law in 1998. In late 1998, the FCRC Consensus Center 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. Facilitated Solutions, LLC continues to work with the Commission by providing facilitation and consensus-building services using the same process and facilitator.

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 5

COMMISSION'S UPDATED MEETING SCHEDULE AND CODE UPDATE WORKPLAN

(UPDATED AUGUST 4, 2020)

COMMISSION APPROVED MEETING SCHEDULE

DATE FY 2020/2021	LOCATION
August 4, 2020	Virtual Meeting Via Webinar and Teleconference
October 13, 2020	Shores Resort and Spa, Daytona Shores or by webinar TBD
December 15, 2020	Hyatt Regency, Sarasota or by Webinar TBD

COMMISSION'S 2020 CODE UPDATE DEVELOPMENT WORKPLAN

7TH EDITION (2020) FBC CODE UPDATE DEVELOPMENT TASKS

7 TH 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	7/7/2018
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)	7/30/2018
Deadline for requesting amendments (2018 I-Codes changes) to be pulled of the consent agenda for individual consideration	9/3/2018
Commission considers TACs' recommendations regarding the latest changes to the model codes that are needed to accommodate the specific needs of this state – on site meeting (Embassy Suites - Sarasota)	10/8-9/2018

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	3/14-26/2019
TACs recommendations posted to the website (Total mods – 1058; AS – 664; AM – 25; NAR – 339; and W – 30) Starting date for the 2 nd 45 day comment period	4/12/2019
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 <u>TACs/Commission</u> on impactful code changes. RCCIWG meeting – on-site meeting (Gainesville)	5/6/2019
2 nd 45 day comment period ends (<i>by law – 45 day min before Commission review</i>)	5/26/2019
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 (Gainesville) and 2 – day via conference/webinar] – As needed and as applicable	7/9-12/2019
Staff post on Commission website TACs consideration of public comments	7/22/2019
Commission considers TAC recommendations (2 nd 45 day comment period) Commission – 2-day meeting	8/13-14/2019
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	
TACs review comments to Rule Development Workshop of February 11, 2020 and make recommendations to the Commission TACs meetings - 3-day on-site meetings and 3-day conference call/webinar meetings	1/23-31/2020
Rule development Workshop Commission – 1-day meeting	February 11, 2020
TACs review comments to Rule Development Workshop of April 7, 2020 and make recommendations to the Commission	3/24-25/2020

TACs meetings - 2-day conference call/webinar meetings	
Rule development Workshops Commission – 1-day meeting	April 7, 2020
Integrated Draft 7 th Edition (2020) FBC – Posted online	April 20, 2020
Hearing on 7 th Edition (2020) FBC to consider received comments	June 2, 2020
Final Rule Hearing on 7 th Edition (2020) FBC/Commission approves final version of Code 7 th Edition (2020) Florida Fire Prevention Code available in final format	No hearing requested
Rule Submitted to Secretary of State and Supplement/Integrated posted online – subject to addressing all JAPC’s concerns	Rule is in process to be filed with Department of State
Final FBC -PDF posted	Week of July 27th
Printed Code available - subject to negotiation with ICC	Week of August 17th
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 6
FY 2020-2021 RESEARCH PROJECT PROPOSAL FUNDING

RESEARCH PROJECTS REQUIRED TO SUPPORT THE 2020 CODE AND/OR DEVELOPMENT OF THE 2023 CODE APPROVED BY THE FLORIDA BUILDING COMMISSION FOR FY 2020-2021 FUNDING—AUG. 4, 2020		
	PROJECT TITLE (PRINCIPLE INVESTIGATOR)	FUNDING
A.	Evaluation of the Cost Impact and Benefit of 2021 IBC Prescriptive Code Changes (UF)	\$ 99,898
B.	Deletion of the Earthquake and Snow Provisions in the FBC (Eric Stafford)	\$ 15,600
C.	Comparison of the 7 th Edition Florida Building Energy Conservation Code with IECC 2021 & ASHRAE 90.1-2019 (FSEC)	\$ 75,000
D.	7 th Edition (2020) Florida Building Code, Energy Conservation Volume vs. 2018 International Energy Conservation Code Residential Stringency Analysis (FSEC)	\$ 11,000
TOTAL FUNDING REQUIRED FOR THE FOUR PROJECTS		\$201,589

DETERMINATION BY THE HRAC OF PROJECTS MEETING THE CRITERIA FOR FUNDING	YES	NO	RESULTS
1.) Wind Loading on Elevated Residential Structures (FIU/UF) [\$150,000]	12	0	Yes
2.) Wind-Induced Loads on Roof Overhangs (FIU) [\$150,000]	12	0	Yes
3.) Updating the Statewide Extreme Rainfall Projections (FIU) [\$137,124]	12	0	Yes
4.) Appendix with Optional Enhanced Construction Techniques (FDEM) [\$23,925]	6	5	No
5.) Wind Speed Line Maps Web Viewer (UF) [\$20,000]	11	1	Yes

HURRICANE RESEARCH ADVISORY COMMITTEE RESEARCH PROJECT FUNDING RECOMMENDATIONS FOR FY 2020 - 2021 APPROVED BY THE FLORIDA BUILDING COMMISSION—AUGUST 4, 2020			
RANK	PROJECT TITLE (PRINCIPLE INVESTIGATOR)	RAW SCORE OUT OF 10	FUNDING
1	Updating the Statewide Extreme Rainfall Projections (FIU)	8.16	\$137,124
2	Wind-Induced Loads on Roof Overhangs (FIU)	7.83	\$150,000
3	Wind Speed Line Maps Web Viewer (UF)	7.00	\$ 20,000
4	Wind Loading on Elevated Residential Structures (FIU/UF)	5.91	\$150,000
TOTAL FUNDING REQUESTED FOR THE FOUR PRIORITIZED PROJECTS			\$457,124