

PALM BEACH COUNTY
BOARD OF COUNTY COMMISSIONERS
BOARD APPOINTMENT SUMMARY

Meeting Date: May 7, 2024
Department: Planning, Zoning & Building Department
Submitted By: Building Division
Advisory Board Name: Construction Board of Adjustments and Appeals (CBAA)

I. EXECUTIVE BRIEF

Motion and Title: Staff recommends motion to approve: appointment of one applicant to the Construction Board of Adjustments and Appeals (CBAA).

<u>Reappointment</u>	<u>Seat</u>	<u>Requirement</u>	<u>Term</u>	<u>Nominated by</u>
Michael J. Riemer	5	Engineer	5/07/24 – 5/06/27	CBuck Engineering, Inc.

Summary: The CBAA hears appeals of decisions and interpretations of the Building Official, and consider variances of the technical codes. The CBAA was established by Palm Beach County Ordinance 89-31 and amended in 2002. The term of office for Board members is three years, with a limit of three consecutive three-year terms. The Board is comprised of nine regular members: one architect; one engineer; two Division 1 contractors (general, building, or residential); one electrical contractor; one HVAC contractor; one plumbing contractor; a member at large from the public; and any other contractors licensed category. In addition to these members, there should be two alternate members; one member with the qualifications referenced above; and one member at large from the public.


The Board has 11 seats, 7 currently filled and 4 vacancies, and a diversity count of Caucasian: 5 (71%), African-American: 1(14.5%) and Hispanic: 1(14.5%). The gender ratio (male: female) is 6:1. The nominee is a Caucasian male. Staff has addressed the need to increase diversity within our board and will continue to encourage this in an effort to expand the Boards diversity. Countywide (RM)

Background and Justification: Palm Beach County Ordinance 89-31, as amended in 2002, established the Construction Board of Adjustment and Appeals. Per Palm Beach County Ordinance 2017-044, Palm Beach County Amendments to the Florida Building Code, 6th Edition (2017), as defined in Section 113.5 of the Palm Beach County Amendments to the Florida Building Code, the Board shall have the power to hear appeals of decisions and interpretations of the Building Official, and consider variances of the technical codes.

Attachments:

1. Board/Committee Application
2. Resume/Bio
3. Letter of Nomination/Recommendation
4. Section 113 of the Palm Beach County Amendments to the Florida Building Code, 6th Edition (2017)

Recommended By:  4/25/24
Department Director Date

Legal Sufficiency:  4/25/24
Assistant County Attorney Date

II. REVIEW COMMENTS

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A. Other Department Review:

Department Director

Date

REVISED 06/92
ADM FORM 03
(THIS SUMMARY IS NOT TO BE USED AS A BASIS FOR PAYMENT.)

Section II Continued:

CONTRACTUAL RELATIONSHIPS: Pursuant to Article XIII, Sec. 2-443 of the Palm Beach County Code of Ethics, advisory board members are prohibited from entering into any contract or other transaction for goods or services with Palm Beach County. Exceptions to this prohibition include awards made under sealed competitive bids, certain emergency and sole source purchases, and transactions that do not exceed \$500 per year in aggregate. These exemptions are described in the Code. This prohibition does not apply when the advisory board member's board provides no regulation, oversight, management, or policy-setting recommendations regarding the subject contract or transaction and the contract or transaction is disclosed at a public meeting of the Board of County Commissioners. **To determine compliance with this provision, it is necessary that you, as a board member applicant, identify all contractual relationships between Palm Beach County government and you as an individual, directly or indirectly, or your employer or business.** This information should be provided in the space below. If there are no contracts or transactions to report, please verify that none exist. Staff will review this information and determine if you are eligible to serve or if you may be eligible for an exception or waiver pursuant to the code.

<u>Contract/Transaction No.</u>	<u>Department/Division</u>	<u>Description of Services</u>	<u>Term</u>
<u>Example: (R#XX-XX/PO XX)</u>	<u>Parks & Recreation</u>	<u>General Maintenance</u>	<u>10/01/00-09/30/2100</u>
_____	_____	_____	_____
_____	_____	_____	_____

(Attach Additional Sheet(s), if necessary)
OR

NONE NOT APPLICABLE/ (Governmental Entity)


ETHICS TRAINING: All board members are required to read and complete training on Article XIII, the Palm Beach County Code of Ethics, and read the State Guide to the Sunshine Amendment. **Article XIII, and the training requirement can be found on the web at: <http://www.palmbeachcountyethics.com/training.htm>.** Ethics training is on-going, and pursuant to PPM CW-P-79 is required before appointment, and upon reappointment.

By signing below I acknowledge that I have read, understand, and agree to abide by Article XIII, the Palm Beach County Code of Ethics, and I have received the required Ethics training (in the manner checked below):

By watching the training program on the Web, DVD or VHS on Feb 12 2024
 By attending a live presentation given on _____, 20____

AND

By signing below I acknowledge that I have read, understand and agree to abide by the Guide to the Sunshine Amendment & State of Florida Code of Ethics:

*Applicant's Signature:  Printed Name: Michael Riemer Date: 02/12/2024

Any questions and/or concerns regarding Article XIII, the Palm Beach County Code of Ethics, please visit the Commission on Ethics website www.palmbeachcountyethics.com or contact us via email at ethics@palmbeachcountyethics.com or (561) 355-1915.

Return this FORM to:
Bianca Filiponi, Palm Beach County Planning, Zoning and Building
Building Division 2300 North Jog Road, West Palm Beach, Florida 33411

Section III (Commissioner, if applicable):

Appointment to be made at BCC Meeting on: _____

Commissioner's Signature: _____ Date: _____

Pursuant to Florida's Public Records Law, this document may be reviewed and photocopied by members of the public.

Revised 01/26/2024

Michael J Riemer, P.E., LEED AP BD+C

561-414-7557

MichaelJRierner@gmail.com

5270 Rivermill Lane, Lake Worth, FL 33463

Profile

I am a Florida registered professional engineer looking to join a great team. I have been in the engineering field since my junior year of college and have learned from some of the greats along the way. I have become proficient in steel, concrete, wood, masonry and post tension design. I regularly keep up with the latest changes to the Florida and national design codes. I currently sit on the ASCE 7-28 wind load sub committee, FSEA state board and local FSEA board. I am licensed in Florida, Colorado, Massachusetts, New York, and Puerto Rico.

Experience

KUBALA ENGINEERS; WEST PALM BEACH, FL – NOVEMBER 2023-PRESENT

Achievements:

- Design and detail multiple projects at one time.
- Manage projects and direct junior engineers and drafters with tasks.
- Bring in large projects early in my tenure

Responsibilities:

- Responsible for design and detailing on various new and renovation projects.
- Responsible for project management on multiple projects.
- Responsible for mentoring junior staff and guiding through projects.

ATKINS NORTH AMERICA; FORT LAUDERDALE, FL – MARCH 2018-PRESENT

Achievements:

- Design and detailing of various projects.
- Involved with developing and publishing FEMA documents and reports.
- Manage various multi-million dollar projects across the US.

Responsibilities:

- Responsible for design and detailing on various new and renovation projects.
- Responsible for project management on multiple projects.
- Responsible for mentoring junior staff and guiding through projects.

SLIDER ENGINEERING GROUP; WEST PALM BEACH, FL – NOVEMBER 2015-MARCH 2018

Achievements:

- Ran multiple projects at one time.

Responsibilities:

- Responsible for design and detailing on concrete restoration projects.
- Responsible for project management on multiple projects.

ATKINS NORTH AMERICA; FT LAUDERDALE, FL – MAY 2014 - AUGUST 2015

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Achievements:

- Project manager on multiple design projects.
- Appointed to North America BIM Committee.
- Took part in winning a \$2.2 Billion light rail transit project.

Responsibilities:

- Responsible for design, detailing and management of projects.
- Responsible for monitoring of project budgets.
- Assist in construction administration efforts during projects construction.

RGD CONSULTING ENGINEERS; JUPITER, FL – MAY 2013 - MAY 2014

Achievements:

- Project manager on multiple design projects.
- Requested to work on projects by architects.
- Worked on multiple projects at one time.

Responsibilities:

- Responsible for post-tension design of projects.
- Responsible for structural design and detailing of 7 story post-tension structure.
- Designed modifications from RFIs for renovation projects.

ONM&J; WEST PALM BEACH, FL – JUNE 2012 - MAY 2013

Achievements:

- Passed PE Exam in April 2013
- Post tension design of multiple mid-rise structures
- Develop calculation packages for high rise building in Miami, FL
- Work on single family home projects directly with architects

Responsibilities:

- Post Tension Analysis, Design, and Detailing for multiple multi-story Buildings.
- Revit Drafting and design of structures varying in scope and size.
- Review and respond to shop drawings and RFIs

ATKINS NORTH AMERICA; ORLANDO, FL – JUNE 2008-JUNE 2012

Achievements:

- Pass Revit Architecture 2009 and 2010 Professional Certifications
- Managed three projects in a year and work on multiple others
- Passed the LEED NC V2.2 exam in November 2008

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Gain company wide recognition within a year of work

Responsibilities:

- Lead projects and tasks from start to finish
- Design calculations for structures
- AutoCAD detailing of designs
- Build Revit Structural models
- Help in marketing effort for new jobs via RFP responses
- Revit Structural training for other offices

SLIDER ENGINEERING GROUP; WEST PALM BEACH, FL – JUNE 2007-JUNE 2008

Responsibilities:

- Design calculations for structures
- On site inspections
- Autocad depictions of designs
- Code and design research for litigation purposes

C BUCK ENGINEERING; WEST PALM BEACH, FL – APRIL 2004-JUNE 2007

Achievements:

- Designed of roof systems over 300 ft high and Re-roof on the Kravis Center
- Preformed damage mitigation inspections
- Attended 10th Americas Conference On Wind Engineering
- Supervised and trained 2 interns

Responsibilities:

- Site Specific Calculations
- On Site Inspections
- Damage Assessment Inspections / Reports

Education

Florida Atlantic University, Boca Raton, FL – BS Civil Engineering, 2008

Skills

Florida licensed professional engineer, LEED AP BD+C Certified, Autodesk Revit, RAM software suite, RISA 3-D, CSI software suite, Microsoft office software suite, Concrete, Steel, Light Gauge Steel, Masonry, Wood, Post-Tension Concrete.

Licensure

Florida Professional Engineer #76041

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Colorado Professional Engineer #49609

New York Professional Engineer #100380

Puerto Rico Professional Engineer #27860

Massachusetts Professional Engineer #55298

LEED AP BD+C #10312097

NCEES RECORD (Active #56879)

Project experience

The Kravis Center

- Major Re-roofing project

- Performed site-specific calculations for roof system attachment

- Aided in the creation and permitting of a one time local product approval

One City Plaza

- Large tile roof design over 200' high

- Included on-site inspections and inspection reports

The Las Olas Grand

- Tapered metal roof panel attachment

- Metal panels on copulas over 400' in the air

- Project included site visits and inspection reports

Palm Beach County Jail Expansion

- Design and detailing of 5 outbuildings

- Building size and complexity differed

- Complete design of precast buildings, including tilt-up walls

Universal Studios Islands of Adventure Harry Potter Ride(Orlando, FL)

- Design of large mat foundation.

- Design checks for multiple C.A. issues.

- Performed shop drawing reviews for C.A. work.

- Third phase of this project was detailed in Revit Structure.

Theme Park

- Built schematic structural models in Revit Structure.

- Designed multiple building components to ensure little change in the DD

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phase.

Coordinated between architects and clients to deliver a quality package.

White Sands Company Operations Facility (White Sands, NM)

Coordination of structural design.

Develop structural drawings in Revit Structure.

Delivered design-build package in short period of time.

Transferred Revit model to ETABS for structural design verification.

Ft. Sam Houston Medical Instructional Facility 5 (San Antonio, TX)

Structural design of two story steel, concrete, and masonry structure.

System included grade beams, piers, concrete retaining wall, steel beams and joists, and light gauge steel infill.

Structure is in very expansive soils.

Design included strict army corps blast requirements.

The project was design-build and kept to a very tight deadline.

This project was developed in Revit Structure.

San Marcos AFRC (San Marcos, TX)

Structural design and coordination of 2 single story pre-cast structures

System consists of cast in place piers and pier caps with a pre-cast super structure.

Coordinate between the architect, pre-caster, and pre-cast engineer.

Tight deadline of less than 2 months.

Both structures were modeled in Revit Structure.

Goodfellow AFB (San Angelo, TX)

Structural design and coordination of 3 story steel structure.

System consists of steel ordinary moment frames, with composite floors, and shallow spread foundations.

Adhere to a fast paced Design-Build schedule.

Structural design had to be done to resist progressive collapse requirements outlined in Unified Facilities Criteria.

This project was developed in Revit Structure.

Ft Sam Houston Historical Theater Pursuit (San Antonio, TX)

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3 story steel framed structure on CIP drilled and undreamed piers.
All floors and roof systems were composite systems.
Lateral bracing was achieved using chevron braces.
Progressive collapse requirements were achieved using the tie force method.
Entire structure was modeled in Revit Structure 2010.

Ft Lee USMC Training Facility (Richmond, VA)

3 part structure with one 2 story steel structure and 2 pre-engineered steel structures on shallow spread foundations.
The 2 story structure was designed to resist AT/FP loads per UFC codes.
Second floor system consisted of steel composite floor systems.
Entire structure was modeled in Revit Structure in 7 hours.

Nassau County/Amelia Utilities Sludge Dewatering Building (Jacksonville, FL)

Small Pre-Engineered Metal Building.
Design of the foundations and ground floor slabs.
Design of an optional small wood framed room to be used as a lab.
Heavy loads on the ground floor slab led to a lot of detailing and slab isolation.
Project was done using Autodesk Revit Structure 2010.

Disney Pleasure Island Bridge (Orlando, FL)

Structural design of a pedestrian bridge for Disney's Pleasure Island.
Structural steel detailing to existing and new components.
Vibration analysis in ETABS per AISC Design Guide 11.

Land Port of Entry, US Customs (Maida, ND)

Structural design and detailing of a two story wood structure.
Shallow foundation design in RISA Foundation.
Wood shear wall system design in RISA 3-D.
Detailing and Modeling in Revit Structure 2010.

Grand Floridian Annex (Orlando, FL)

7 Story Post-Tension concrete structure.

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Built Full Revit Structural Model.

Concrete frame analysis was done in RAM Structural Systems.

Post-Tension Floor Analysis done in RAM Concept.

Harbourside Buildings 1 and 2 (Jupiter, FL)

Post tension analysis and detailing for the two buildings

One 6 story and one 5 story building with a pool at the 3rd floor.

Fast track design process to get foundations in the ground early.

A-Loft Miami Beach (Miami Beach, FL)

9 Story post tensioned hotel in Miami Beach.

Included restoration of an existing structure.

Waterway Assisted Living Facility (Ft Lauderdale, FL)

7 Story post tensioned assisted living facility in Ft Lauderdale.

Site presented space issues so foundation size had to be limited.

Half of site had a layer of organics, so a structural ground floor slab and geopiers were used.

Design was permitted but never built.

Joint Regional Intelligence Center (Los Alamitos, CA)

Engineer of record for foundations to support PEMB structure.

Grade Beam system and structural slab were used for support system.

Strict deflection limits were needed due to adjacent existing building.

Project 384, Wizarding World of Harry Potter (Los Angeles, CA)

Assist with various construction administration tasks.

Respond to RFIs and design changes as needed.

On site responses to contractors questions to ensure smooth construction.

Campbell's Soup Water Treatment (Paris, TX)

Design and drafting of industrial facility in Texas.

Foundation system was structural slab on grade beams and drilled piers.

Grit chamber tank was embedded 28 feet into ground.

Kingsley Air National Guard Fire Station (Klamath Falls, OR)

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Design and Revit Modeling for A-2 Submittal

Two structures separated by 2" expansion joint. One special reinforced masonry walls and the other was intermediate moment frames and braced frames.

Purple Line Light Rail System (Maryland and Washington DC)

Large scale arial stations design and revit modeling.

218 foot long, 9 foot deep steel girders on silver springs station.

Interactive design process with contractor collaboration and value engineering.

RSW Airport Terminal Expansion Phase 1 (Ft Myers, FL)

Design and detailing of \$350 million terminal expansion.

Guide junior staff on design decisions.

Construction administration during construction phase of the project.

Colorado Readiness Center Air National Guard (Colorado Springs, CO)

Design and detailing of building structure.

coordination of USACE comments and resolutions.

Ensure special soils criteria is met for project bidding purposes.

Honolulu Best Available Refuge Area Program (Oahu, HI)

Coordinate sub-consultants and assist in development of spreadsheet based tool used for rapid evaluation of refuge areas in existing structures.

Managed 7 teams on 3 separate trips to evaluate 230 structures in a 3 month period of time during the peak of COVID-19

Delivered final product to the client on time and to the clients satisfaction.

Used the experience of the tool development and project to present at the 2021 National Hurricane Conference



CBUCK Engineering

Specialty Structural Engineering

FL P.E Firm CA No. 8064
TX. P.E Firm CR # F-15303
GA. P.E Firm # PEF006523

James L Buckner, P.E.
Owner/President
CBUCK Engineering
1374 Community Drive
Jupiter, FL 33459
Jimmy@cbuckinc.net
561-491-9927
3/06/2024

Dear Members of the Construction Rules and Appeals Board,

I am writing to wholeheartedly endorse and recommend Michael Riemer for a position on the board, leveraging his extensive expertise and 16 years of experience as a highly accomplished structural engineer. Having had the privilege of working closely with Mr. Riemer for a significant duration, I can attest to their exceptional professional competence, unwavering commitment to quality, and profound dedication to the field.

Throughout Mr. Riemer's impressive career, they have consistently demonstrated an unparalleled level of proficiency in structural engineering. Their expertise spans a wide range of projects, including multiple projects in the tri-county area, showcasing their versatility and capability to handle diverse challenges within the construction industry.

Mr. Riemer possesses a deep understanding of construction regulations, codes, and standards, which is crucial for effective decision-making and rule formulation. Their meticulous approach to design and analysis, coupled with a keen eye for detail, has contributed to the successful completion of numerous projects while ensuring compliance with the highest safety and quality standards.

What truly sets Mr. Riemer apart is not only their technical competence but also their leadership qualities. They have consistently demonstrated the ability to lead multidisciplinary teams, fostering collaboration and innovation. Their communication skills are exemplary, allowing them to articulate complex engineering concepts in a manner that is accessible to diverse stakeholders, a crucial skill for a position on the board.

Given Mr. Riemer's wealth of experience, I am confident that they will bring valuable insights and perspectives to the Construction Rules and Appeals Board. Their commitment to upholding the highest standards of construction safety, combined with their reputation for integrity and ethical conduct, makes them an ideal candidate for this esteemed position.

I wholeheartedly recommend Mr. Riemer for a seat on the Construction Rules and Appeals Board, and I am convinced that their contributions will significantly enhance the effectiveness and impact of the board's decisions.

If you have any further questions or require additional information, please feel free to contact me at jimmy@cbuckinc.net or 561-623-8083. I am more than willing to provide any necessary clarification or details regarding Mr. Riemer.

Thank you for considering Mr. Riemer for this important role. I am confident that their wealth of experience and dedication to excellence will be an invaluable asset to the Construction Rules and Appeals Board.

Sincerely,

A handwritten signature in black ink, appearing to read "James L. Buckner". The signature is fluid and cursive, with a long horizontal stroke at the end.

James L Buckner, P.E.
Owner/President
CBUCK Engineering
561-491-9927

SECTION 113
CONSTRUCTION BOARD
OF ADJUSTMENT AND APPEALS

113.1 Appointment. There is hereby established a board to be called the Construction Board of Adjustment and Appeals, which shall consist of nine regular members and two alternates. The applicable governing body shall appoint the Board.

113.2 Membership and Terms.

113.2.1 Membership. The Construction Board of Adjustment and Appeals shall consist of nine regular members plus two alternate members. Regular board members shall be composed of individuals with knowledge and experience in the technical codes to include, to the greatest extent possible, an architect, engineer, two Division I contractors (GC, BC, or RC), electrical contractor, HVAC contractor, plumbing contractor, a member at large from the public, and any other contractor licensed category. In addition to the regular members, there should be two alternate members, one member with the qualifications referenced above and one member at large from the public. A board member shall not act in a case in which he or she has a personal or financial interest.

113.2.2 Terms. The terms of office of the regular board members shall be for three (3) years and staggered so no more than one-third of the board is appointed or replaced in any 12-month period. The two alternates shall serve three-year terms. Vacancies shall be filled for an unexpired term in the manner in which original appointments are required to be made. No board member shall be appointed or re-appointed to this board for more than three (3) consecutive, three (3) year terms.