

BOARD OF PROFESSIONAL ENGINEERS, ARCHITECTS,
SURVEYORS AND LANDSCAPE ARCHITECTS
Professional and Vocational Licensing Division
Department of Commerce and Consumer Affairs
State of Hawaii

MINUTES OF MEETING

The agenda for this meeting was filed with the Office of the Lieutenant Governor, as required by Section 92-7(b), Hawaii Revised Statutes.

Date: Monday, August 10, 2017

Time: 9:00 a.m.

Place: King Kalakaua Conference Room
King Kalakaua Building
335 Merchant Street, 1st Floor
Honolulu, Hawaii 96813

Present: Roberto Yumol, Vice Chairperson, Architect Member
Robert Eggleston, Public Member
Dan Hirota, Land Surveyor Member
Alan Inaba, Land Surveyor Member
Kevin Katayama, Mechanical Engineer Member
Joel Kurokawa, Landscape Architect Member
Benedict Lee, Landscape Architect Member
Joyce Noe, Architect Member
Richard Suzuki, Civil Engineer Member
Marc Ventura, Architect Member
Shari Wong, Esq., Deputy Attorney General
James Kobashigawa, Executive Officer
Sandra Matsushima, Executive Officer
Terry Akasaka-Toyama, Secretary

Excused: Demetrio Constantino, Secretary, Public Member
Ron Iwamoto, Chairperson, Structural Engineer Member
Ken Ota, Public Member

Call to Order: There being a quorum present, the meeting was called to order at 9:07 a.m. by Vice Chair Yumol.

The Board introduced themselves to Mr. Eggleston, the newest public member to the Board, and he gave a brief introduction on himself to the Board. He's a retired Principal and former teacher after having worked 45 years in the Department of Education.

Agenda: Additions
and Revisions: None.

Approval of
Minutes:

It was moved by Mr. Ventura, seconded by Mr. Kurokawa, and unanimously carried to approve the July 13, 2017 Board meeting minutes as circulated.

Applications:

a. Ratifications

It was moved by Mr. Suzuki, seconded by Mr. Kurokawa, and unanimously carried to ratify approval of the following:

APPROVED CIVIL ENGINEER BY ENDORSEMENT

- NISHIMOTO, Judy

APPROVED ELECTRICAL ENGINEER BY ENDORSEMENT

- DIAZ, Ricardo
- HUMPHREY, Andrew

b. Professional Engineer Committee Recommendations

Mr. Suzuki presented the PROFESSIONAL ENGINEER COMMITTEE REPORT and recommended action as follows:

APPROVE CHEMICAL ENGINEER BY ENDORSEMENT

- RIEHL, Bill
- RUSCHE, Paul

APPROVE CIVIL ENGINEER BY ENDORSEMENT

- ALLEN, Rebecca
- HUSHMAND, Ashkaan
- KAPPELLER, Steven
- LEDY, Jeffrey
- MANSOUR, Ramzi
- PATIN, Christopher
- PAUSE, Stephen
- PÉREZ FERNÁNDEZ, José
- REID, Bret
- SMITH, David
- ZABILANSKY, Scott

APPROVE ELECTRICAL ENGINEER BY ENDORSEMENT

- DAVIS, James
- DIETZE, Douglas

- JALILI, Sohrab
- LAU, Di
- McEWEN, Brandon
- OWENS, Mark
- STROSS, Michael
- TURNER, John

APPROVE MECHANICAL ENGINEER BY ENDORSEMENT

- DEIBLER, Nathaniel
- DOYLE, Raymond
- ENSIGN, Derek
- KUJALA, Charles
- MITROS, John
- ZAPPONE, Michael

APPROVE STRUCTURAL ENGINEER BY ENDORSEMENT

- BISCHOFF, Todd
- EMENHEISER, Jonathan
- GUGLIELMO, Emily
- KOESTER, Carol
- ORIE, Donald
- SCHROEDER, Travis
- SHINN, Philip
- TORNQUIST, Jason
- WILKES, Lance

APPROVE ENGINEER BY EXAM (PE)

- ABUTIN, Joshua (CE)
- ARAI, Jonathan (ME)
- CHING, Warren (ME)
- GRANT, Cameron (ME)
- GREENWELL, Palani (CE)
- KINI, Raviraj (CE)
- MIYAMOTO, Joshua (EE)
- PASCUA, Jerald (SE)
- SPARBER, Christopher (CE)
- TANIGAWA, Daniel (CE)
- UENO, Megan (CE)
- VISAYA, Jonathan (CE)
- WONG, Frankie (EE)

APPROVE ENGINEER BY EXAM (FE)

- NAIR, Sunil

DEFER CIVIL ENGINEER BY ENDORSEMENT

- BEDAIR, Hatem
- DILLEN, Sean
- GRECO, Paul
- HALE, Jason
- KOESTER, Carol
- SAHIN, Ercin
- TORNQUIST, Jason

DEFER ELECTRICAL ENGINEER BY ENDORSEMENT

- KNOBLOCH, Donald

DEFER MECHANICAL ENGINEER BY ENDORSEMENT

- TOUZA, Felix

DEFER STRUCTURAL ENGINEER BY ENDORSEMENT

- GEORGE, Daniel
- GIBSON, Ronald
- GINSBURG, Adam
- HALE, Jason
- MEHLE, Jeffrey

DEFER ENGINEER BY EXAM (PE)

- NAIR, Sunil (CE)

DENY CIVIL ENGINEER BY ENDORSEMENT

- BOSCO, John
- POWERS, James

DENY STRUCTURAL ENGINEER BY ENDORSEMENT

- STANSBURY, Michael

It was moved by Mr. Katayama, seconded by Mr. Inaba, and unanimously carried to accept the PROFESSIONAL ENGINEER COMMITTEE REPORT.

c. Professional Architect Committee Recommendations

Ms. Noe presented the PROFESSIONAL ARCHITECT COMMITTEE REPORT and recommended action as follows:

APPROVE ARCHITECT BY ENDORSEMENT

- BASINGER, David
- EDWARDS, William II
- HANNA, James
- HEDDINGHAUS, Tobias
- HEDGECOCK, Louis
- HODONICKY, Gary
- MASSA, Gabriel
- MUNIZ-GUILLET, Ricardo
- PERKINS, Britten
- PETERSON, Darren
- VALERO, Jamila

APPROVE ARCHITECT BY EXAM

- FURST, Richard
- LARSON, Stephen
- LUKASZEWSKI, Gary

It was moved by Mr. Hirota, seconded by Mr. Kurokawa, and unanimously carried to accept the PROFESSIONAL ARCHITECT COMMITTEE REPORT.

d. Professional Land Surveyor Committee Recommendations

None.

e. Professional Landscape Architect Committee Recommendations

Mr. Kurokawa presented the PROFESSIONAL LANDSCAPE ARCHITECT COMMITTEE REPORT and recommended action as follows:

APPROVE LANDSCAPE ARCHITECT BY ENDORSEMENT

- PRITCHETT, Thomas (state-constructed exam)
- SACAMANO, David (state-constructed exam)

It was moved by Mr. Suzuki, seconded by Mr. Inaba, and unanimously carried to accept the PROFESSIONAL LANDSCAPE ARCHITECT COMMITTEE REPORT.

Old Business: a. Rules Committee Report

At its July 13, 2017 meeting, the Committee discussed a possible definition for environmental engineering and reviewed definitions from Wikipedia and other definitions found on the internet. It was noted that other State boards did not have a definition.

After discussion, the Committee proposed the following definition for the Board's consideration:

"Environmental engineering is the branch of engineering concerned with the application of scientific and engineering principles for protection of human populations from the effects of adverse environmental factors; protection of environments, both local and global, from potentially deleterious effects of natural and human activities; and improvement of environmental quality.

Environmental engineering can also be described as a branch of applied science and technology that addresses the issues of energy preservation, protection of assets and control of waste from human and animal activities. Furthermore, it is concerned with finding plausible solutions in the field of public health, such as waterborne diseases, implementing laws which promote adequate sanitation in urban, rural and recreational areas. It involves waste water management, air pollution control, recycling, waste disposal, radiation protection, industrial hygiene, animal agriculture, environmental sustainability, public health and environmental engineering law. It also includes studies on the environmental impact of proposed construction projects."

The Committee also discussed the licensure requirements via endorsement and initial licensure. Currently, the language is slightly different for endorsement and initial licensure, but the Board has been requiring endorsement licensure based on the initial licensure requirements.

After discussion, the Committee recommended the full Board address this matter to provide direction to the Committee if the licensure requirements for endorsement and initial licensure should be the same or evaluated on a different basis for endorsement applicants.

Moreover, the Committee approved the minutes of the June 8, 2017 Rules Committee Meeting.

It was moved by Mr. Inaba, seconded by Mr. Hirota, and unanimously carried to approve the July 13, 2017 Rules Committee meeting minutes as distributed.

New Business:

a. Professional Engineers Report

- Matters Related to the National Council of Examiners for Engineering and Surveying ("NCEES")
 - ✓ Minutes of Board of Directors Meeting on May 21-22, 2017
 - * ABET has added natural science programs to the Applied Science Accreditation Commission (now known as the Applied and Natural Science Accreditation Commission). There is a push to set a minimum number of hours for accreditation to 128. This will go through the ABET process for comments.
 - * The Board of Directors revisited and approved increasing the funding of the Engineering Education Award to match the recent change to the Surveying Education Awards.
 - ✓ Nominee for NCEES Treasurer – Tim Rickborn

Mr. Rickborn, a South Carolina Engineer Board Member, is running for NCEES Treasurer. Having served on several NCEES Committees, Mr. Rickborn was also on the Finance Committee for four years.

This matter was for the Board's information only.

b. Architects Report

- Matters Related to the National Council of Architectural Registration Boards ("NCARB")
 - ✓ National Architect Newsletter (July-August 2017)

- * NCARB has a 2017 data center for interactive charts about the path to licensure, diversity in the profession, and architectural education.
 - * They also have a blog series with articles on how to earn an architecture license in the U.S. and discover why architects are increasingly turning to alternative housing models to create safe, affordable spaces.
 - * Continuing education courses are available for free to Certificate Holders.
- ✓ Fast Fact Newsletter (July 2017)
- * 2017 NCARB Annual Business Meeting Recap
 - At the "Shaping NCARB's Strategy Workshop", attendees shared feedback on NCARB's current strategic plan, provided insight on the dynamics impacting the regulation of the profession and helped shape the future of NCARB's support of Member Boards. The new plan will be unveiled at the 2019 Centennial Celebration.
 - The "Blue-Sky Workshop" explored how an NCARB Certificate could be used to facilitate licensure in the future such as expanding opportunities for Certificate holders, streamlining the certification process, and reducing barriers to reciprocal registration.
 - Five newest schools joining NCARB's Integrated Path to Architectural Licensure ("IPAL") initiative:
 1. Boston Architectural College (B.Arch.)
 2. Florida International University (M.Arch.)
 3. New York Institute of Technology (M.Arch.)
 4. Southern Illinois University (M.Arch.)
 5. University of Massachusetts Amherst (M.Arch.)
 - * Member Board Members and Member Board Executives who were unable to attend the annual meeting have the option to view the event via webcast.

- * NCARB released a statement addressing the AIA's recommended titles of "architectural associate" and "design professional" advising licensure candidates and their supervisors that these titles violate the law in most of the jurisdictions. In 46 U.S. jurisdictions, the use of the term "architectural associate" is prohibited, and in 26 jurisdictions, the term "design professional" may be an issue.
- ✓ Report on Licensing Advisors Summit
 - Ms. Noe reported on the following:
 - * With the transition of ARE 4.0 to 5.0, there were a host of questions that came to them to get answers on how to consult their candidates.
 - * IPAL encourages NAAB-accredited programs to incorporate the Architectural Experience Program ("AXP") and the opportunity to take the ARE exam while completing their academic curricula. The University of Hawaii School of Architecture is not a part of this initiative, but wanted a response from the Board as to whether their program is sufficient for their students to be able to sit for the exam upon graduating.
 - * People are taking advantage of the overhauled Broadly Experienced Architect program.
 - * A task force has been established to start planning the centennial celebration.
- ✓ Report on NCARB/AIA Video Conference
 - On July 27, 2017, Mr. Yumol and Ms. Matsushima attended an AIA Honolulu ARE Prep Committee live video conference with NCARB to discuss the AXP, ARE, and reciprocity programs that NCARB administers.
- ✓ NCARB Centennial (2019)
 - NCARB will be celebrating their centennial in 2019. To celebrate this milestone, NCARB is asking from each Board a brief overview of the Board's historical information that will be incorporated into various materials developed for events in 2019.

c. Surveyors Report

Mr. Inaba questioned what should be done if there may be possible plan stamping activity and illegal advertising going on, to which Mr. Inaba was informed that a complaint should be filed with the Regulated Industries Complaints Office for investigation.

On a separate note, the California Board is planning on introducing a motion at the upcoming NCEES Annual Meeting to create a separate depth module on the Public Land Survey System ("PLSS") for the Principles and Practice of Surveying Exam ("PS") for states that do not use that system. 20 states, including Hawaii, do not use the PLSS system. California is asking for the Board's support to this motion.

After discussion, it was moved by Mr. Inaba, seconded by Mr. Hirota, and unanimously carried to support the principle of this motion as the exact language of the motion has not been finalized.

d. Landscape Architects Report

- Matters Related to the Council of Landscape Architectural Registration Boards ("CLARB")

- ✓ CLARB Communique Newsletter

The Federal Trade Commission's ("FTC") Economic Liberty Task Force is preparing to host a roundtable on mobility called "Streamlining Licensing Across State Lines: Initiatives to Enhance Occupational License Portability." They will be examining ways to mitigate the effects of state-based occupational license requirements that make it difficult for license holders to obtain licenses in other states. It also appears that much of the focus will be on assessing three models for enhancing portability: 1) interstate licensing compacts; 2) model laws and regulations; and 3) state-based legislation that enhances portability for military spouses. FARB and its members are planning to submit written comments and/or attend this roundtable. Their input will attempt to convey four messages: 1) landscape architects are licensed in all 50 states for good reason; 2) landscape architects have an effective and efficient mobility system;

3) they are going the extra mile to make it better; and 4) many states have eased portability for military spouses, but few have taken advantage of these programs.

✓ CLARB Webinar – Evolving CLARB's Governance Structure

The Governance Enhancement Work Group, which was appointed by the Board of Directors, has developed a set of draft recommendations to evolve CLARB's governance structure and nominations and elections processes so that the organization is better equipped to find and retain the right leadership to guide the organization through a future of accelerating change.

Mr. Kurokawa reported that the group came up with recommendations such as reducing the number of officers and increase the number of directors who are appointed by members and the individuals need to have a knowledge and understanding of the industry.

On a side note, Mr. Kurokawa reported that CLARB's Chief Executive Officer Joel Albizo had been elected to a two-year term as President of the Federation of Associations of Regulatory Boards ("FARB").

And with the upcoming CLARB Annual Meeting, it was moved by Mr. Lee, seconded by Ms. Noe, and unanimously carried that the Board supports voting for Mr. Kurokawa for Region 5 Director.

e. Discussion on Definition of Environmental Engineer

Not many licensing boards license in specialty, as such, there was not much information the Rules Committee could find on a definition for environmental engineer. Based on the recommendation from the Rules Committee, the Board reviewed the following definition of environmental engineer from Wikipedia:

"Environmental engineering is the branch of engineering concerned with the application of scientific and engineering principles for protection of human populations from the effects of adverse environmental factors; protection of environments, both local and global, from potentially deleterious effects of natural and human activities; and improvement of environmental quality.

Environmental engineering can also be described as a branch of applied science and technology that addresses the issues of energy preservation, protection of assets and control of waste from human and animal activities. Furthermore, it is concerned with finding plausible solutions in the field of public health, such as waterborne diseases, implementing laws which promote adequate sanitation in urban, rural and recreational areas. It involves waste water management, air pollution control, recycling, waste disposal, radiation protection, industrial hygiene, animal agriculture, environmental sustainability, public health and environmental engineering law. It also includes studies on the environmental impact of proposed construction projects."

Given that the above definition seems too broad, by consensus of the Board, this matter will be deferred to the next meeting so that members can review the language and see if it can be refined.

f. Discussion on Licensure by Endorsement for Engineers

Currently, the Board is interpreting the requirements to become licensed as an engineer via endorsement as being the same requirements for an applicant who is applying to take the NCEES Principles and Practice of Engineering ("PE") exam. It's been questioned why are states denying endorsement applicants who are already licensed in other states. For Hawaii, the experience and exam requirements appear more restrictive for structural engineers compared to other states because the Board licenses by discipline.

After discussion, it was moved by Mr. Katayama, seconded by Mr. Suzuki and carried (ayes from Eggleston, Inaba, Katayama, Lee, Noe, Suzuki, Ventura, and Yumol, while Kurokawa voted nay), to keep the engineer licensing requirement for endorsement applicants as status quo.

Correspondence: None.

Executive Officer's Report: a. Results of July 2017 Landscape Architect – Hawaii Plant Materials Exam

Number of Candidates: 0
Number of Candidates Eligible: 2

b. Department of Commerce and Consumer Affairs ("DCCA")
Disciplinary Actions through June 2017

This list was circulated to the members for their information.

c. Geographic Report of Licensees (July 20, 2017)

| | <u># of Licensees (Local):</u> | <u># of Licensees (Mainland/Foreign):</u> | <u>TOTAL:</u> |
|------------------------|------------------------------------|-----------------------------------------------|---------------|
| Architects | 1,038 | 1,450 | 2,488 |
| Landscape Architects | 93 | 55 | 148 |
| Land Surveyors | 180 | 33 | 213 |
| Professional Engineers | 3,318 | 3,728 | 7,046 |

Public Comment: None.

Next Meeting: Monday, September 14, 2017
9:00 a.m.
King Kalakaua Conference Room
King Kalakaua Building
335 Merchant Street, 1st Floor
Honolulu, Hawaii 96813

Adjournment: The meeting was adjourned at 10:39 a.m.

Taken and recorded by:

/s/ Terry Akasaka-Toyama

Terry Akasaka-Toyama
Secretary

Reviewed and approved by:

/s/ James Kobashigawa

James Kobashigawa
Executive Officer

8/31/17

Minutes approved as is.

Minutes approved with changes; see minutes _____.