

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: Thursday, May 10, 2018

Time: 9:00 a.m.

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

Present: Ron Iwamoto, Chairperson, Structural Engineer Member  
Roberto Yumol, Vice Chairperson, Architect Member  
Demetrio Constantino, Secretary, Public 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  
Krishna Jayaram, Esq., Deputy Attorney General ("DAG")  
Sandra Matsushima, Executive Officer  
Terry Akasaka-Toyama, Secretary

Excused: Ken Ota, Public Member  
Marc Ventura, Architect Member

Call to Order: There being a quorum present, the meeting was called to order at 9:01 a.m. by Chair Iwamoto.

Agenda: Additions and Revisions: None.

Approval of Minutes: It was moved by Mr. Inaba, seconded by Mr. Suzuki, and unanimously carried to approve the April 4, 2018 meeting minutes as circulated.

Chapter 91, HRS,  
Adjudicatory  
Matters:

At 9:01 a.m., Chair Iwamoto recessed the Board's meeting to discuss the following adjudicatory matter pursuant to Chapter 91, HRS:

- a. In the Matter of the Professional Architect's License of Val A. Yanagihara – ENG-2016-37-L; Hearings Officer's Findings of Fact, Conclusions of Law, and Recommended Order and Board's Final Order

After discussion, it was moved by Mr. Kurokawa, seconded by Mr. Constantino, and unanimously carried to accept the Hearings Officer's Findings of Fact, Conclusions of Law, and Recommended Order and Board's Final Order.

- Letter from Val Yanagihara Regarding ENG-2016-37-L – Required Continuing Education Courses

This matter was deferred from the March 15, 2018 meeting as at the time it was premature to discuss since the Board had not received the Final Order yet.

After discussion, it was moved by Mr. Yumol, seconded by Mr. Suzuki, and unanimously carried to request that Mr. Yanagihara take Parts I and II of the RedVector Ethics for Professional Architects course, which must be completed within 30 days of notification, in addition, he needs to provide documentation of having fulfilled the 16-hour continuing education requirement in public protection subjects for the biennium May 1, 2014 to April 30, 2016 and for the biennium May 1, 2016 to April 30, 2018.

- b. In the Matter of the Application for an Engineering License of John B. Bosco – ENG-LIC-2017-001; Hearings Officer's Findings of Fact, Conclusions of Law, and Recommended Order and Board's Final Order

It was moved by Mr. Suzuki, seconded by Mr. Kurokawa, and unanimously carried to accept the Hearings Officer's Findings of Fact, Conclusions of Law, and Recommended Order as the Board's Final Order.

At 9:26 a.m., the Board came out of Chapter 91, HRS, and returned to its regular order of business.

Applications:

- a. Ratifications

None.

b. Professional Engineer Committee Recommendations

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

APPROVE CHEMICAL ENGINEER BY ENDORSEMENT

- PLAYER, Martha

APPROVE CIVIL ENGINEER BY ENDORSEMENT

- ALVAREZ, Rebecca
- BAKER, Koo
- GRECO, Paul
- WILLIAMS, Jennifer

APPROVE ELECTRICAL ENGINEER BY ENDORSEMENT

- BRAU, Brian
- HANNA, Philip
- HIONIS, Anastasios
- LACSA, Hector
- McCALL, Shannon
- POWERS, Loren
- ROSS, Joseph

APPROVE MECHANICAL ENGINEER BY ENDORSEMENT

- PAULY, Josh

APPROVE STRUCTURAL ENGINEER BY ENDORSEMENT

- EAVENSON, Jake
- OKESON, Mitch
- PANIAN, Leo

DEFER STRUCTURAL ENGINEER BY ENDORSEMENT

- LIND, Derrick

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

c. Professional Architect Committee Recommendations

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

APPROVE ARCHITECT BY ENDORSEMENT

- AKERHIELM, Andrew
- ANDERSON, John III
- BOGUSCH, Melissa
- CUPPLES, Andrew Jr.
- HARNEY, Kevin
- McCORMACK, Ronald
- PITT, Robert
- PRESTON, Bruce
- ROWBOTTOM, Timothy
- SMITH, Joseph
- ULMER, Dale

APPROVED ARCHITECT BY EXAM

- DAMO, Marysol
- GUSHIKEN, Jennifer
- GUSHIKEN, Tod
- LEE, Lori-Jean

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

d. Professional Land Surveyor Committee Recommendations

None.

e. Professional Landscape Architect Committee Recommendations

None.

Old Business:

a. Rules Committee Report

The April 4, 2018 Rules Committee meeting was cancelled since there was no feedback or language from the Professional Engineer members regarding the Fire Protection Plan for the "Professional Services for Construction Projects and Land Surveys" brochure and there was nothing else to discuss.

It was moved by Mr. Inaba, seconded by Mr. Hirota, and unanimously carried to approve the April 4, 2018 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")

➤ Letter of Appreciation from Jerry Carter

Mr. Carter sent a letter of appreciation to the Board expressing his thanks for a successful and very effective Western Zone meeting with excellent hospitality.

➤ Post Zone Meeting Wrap-Up

Ms. Matsushima reported that she participated in a post Western Zone conference call with NCEES and next year's host board and zone leaders Brian Robertson (VP-elect), Scott Bishop (AVP-elect) and Jim Szatkowski (Deputy Director, Idaho Board) to discuss what went well and what might be done differently next year. Also discussed was the possibility of having activities in advance of next year's zone meeting.

She also reported that Mr. Suzuki prepared CDs of pictures taken during the meeting to be distributed to NCEES staff and leadership as well as the Western Zone State Boards.

➤ NCEES Seeks to Survey Volunteers for Fundamentals of Engineering ("FE") and Fundamentals of Surveying ("FS") Exam Content Review

NCEES is seeking engineering professionals to participate in a content review of the FE exam and surveying professionals to content review the FS exam. The results of these surveys will be used to update the specifications for these exams to ensure the exams remain relevant to current professional practice. The FE survey is available at [ncees.org/FEcontentreview](http://ncees.org/FEcontentreview) and the FS survey is available at [ncees.org/FScontentreview](http://ncees.org/FScontentreview). Both surveys will be open until August 20, 2018.

➤ Notice of Future Changes to NCEES Exams and Supporting Materials

Spring 2019 Exam Changes:

- ✓ The Principles and Practice of Surveying ("PS") exam will have new specifications starting in January 2019, which will be posted to NCEES's website on July 2, 2018.
- ✓ The Principles and Practice of Engineering ("PE") exam in environmental engineering will have its last paper administration in October 2018 and beginning November 26, 2018 examinees will be able to register and schedule computer-based testing ("CBT") appointments for exams from April 1, 2019.

Fall 2018 Exam Changes:

- ✓ The PE exam in fire protection engineering has new specifications starting in October 2018, which are posted on NCEES's website.

Registration for fall exams open on June 18, 2018 and close on August 30, 2018. Fall pencil-and-paper exams will be administered on October 26 and 27, 2018.

➤ Licensure Exchange (April 2018)

- ✓ The theme for this year's DiscoverE Engineers Week was "Engineers: Inspiring Wonder", which NCEES participated in the following events to inspire wonder and enthusiasm for the engineering profession:
  - \* Introduce a Girl to Engineering Day.
  - \* Screenings of Dream Big: Engineering Our World.
  - \* Future City Competition is a national event in which students in the 6<sup>th</sup>, 7<sup>th</sup>, and 8<sup>th</sup> grades design and build cities of the future.
  - \* Family Day that had 26 activity stations for children and their families to experience the wonders of engineering.

- ✓ NCEES recently released a tentative timetable for moving the remaining PE exams to CBT on their website at [ncees.org/cbt](http://ncees.org/cbt). The current plan is to have all exams transitioned to CBT by 2024. The schedule also notes the format each exam will have and when it will be administered. 20 of the exam disciplines will be offered year-round, while 12 will be offered on a single day. The format of the structural engineering exam is yet to be decided.

b. Architects Report

- Matters Related to the National Council of Architectural Registration Boards ("NCARB")
  - Regional Director Call with Member Board Chairs & Execs Scheduled - April 12, 2018

Ms. Matsushima reported that both she and Mr. Yumol had participated in this regional conference call. Topics discussed are as follows:

- ✓ Review of the draft FY19 budget and long-range planning forecast;
  - ✓ Dynamics of legislative change;
  - ✓ Review of charges for FY19 committees;
  - ✓ Meeting with the Officers, NCARB Board Liaison, and Executive Director of the American Institute of Architecture Students ("AIAS");
  - ✓ Alcohol policy;
  - ✓ Draft resolutions for placement on the Annual Business Meeting ("ABM") docket;
  - ✓ Value of regions;
  - ✓ Strategic reserves policy;
  - ✓ Nomination of candidates for appointment to the National Architectural Accrediting Board ("NAAB") Board of Directors; and
  - ✓ Disciplinary recommendation from Professional Conduct Committee.
- ARE 4.0 Retirement Update

The last day to take an ARE 4.0 division in a test center is June 30, 2018. There are several resources available on NCARB's website to help candidates make their plan as

well as NCARB's Customer Relations team who can help candidates understand their individual testing options. The rolling clock does not change when a candidate transitions to ARE 5.0 and they still need to complete the test within five years of their first pass. The ARE retake policy will also remain the same where candidates must wait 60 days before they can retake a division of the ARE and can only take a division three times within 12 months.

➤ NCARB Fast Facts – April 2018

- ✓ 99<sup>th</sup> Annual Business Meeting is scheduled for June 28-30, 2018 in Detroit, Michigan. Mr. Ventura, Mr. Yumol and Ms. Matsushima will be attending this meeting.
- ✓ NCARB launched a new Approved Test Prep Provider Program where companies that create study materials for the ARE 5.0 can submit them to NCARB for their review and approval. Black Spectacles became the first NCARB-approved provider of study materials for two divisions of ARE 5.0.

On a separate note, Ms. Matsushima reported that Mr. Yumol had researched further on the history of the creation of this Board with the assistance of the Legislative Reference Bureau. In 1923, Act 227 established the Board to regulate the practice of engineering, architecture, and surveying in the Territory of Hawaii. This information will be passed on to NCARB who had requested for this information to use for their centennial celebration in 2019.

c. Surveyors Report

Mr. Inaba gave a brief report from the Examinations for Professional Surveyors ("EPS") meeting presented at last months the Western Zone Meeting. Highlights from his report are as follows:

- The FS exam has been administered in the CBT format for almost four years.
- There have been over 3,400 FS exam takers between January 2014 to September 2017.
- Alternative Item Types ("AIT") such as multiple correct, point and click, drag and drop or fill in the blank, has been in the field since July 2017.



- The PS exam has been administered in the CBT format for one year.
- There have been 800 PS exam takers between October 2016 to September 2017 with a 58% pass rate.
- AITs have been in the field since October 2016.

It was also mentioned that discussion on removing the Public Land Survey System ("PLSS") from the PS exam to create a separate exam module was introduced two years ago, which both Mr. Hirota and Mr. Inaba are in favor for as not all states utilize PLSS.

d. Landscape Architects Report

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

Mr. Kurokawa reported that he will be attending CLARB's Licensure Summit scheduled for June 22-24, 2018 in Columbus, OH as the Region 5 Director and Mr. Lee would be attending at the Board's representative.

With the upcoming changes to CLARB's governance structure and process, resolutions to change the Bylaws will be voted upon at the Annual Meeting, which Mr. Kurokawa recommended the Board accept these changes.

Correspondence:

a. E-mail from Dennis Paxton Regarding SPCC Plan for Maintenance of a Garage

Mr. Paxton questioned whether he, or someone else in the company, can do a Spill Prevention, Control, and Countermeasure ("SPCC") plan for two locations where he is the manager of or does he need to hire an engineer to certify the plans?

The maintenance garage has two 500 gallon tanks of oil (motor and hydraulic oil), a 1,000 gallon tank of diesel, and a used oil tank (around 250 gallons) all above ground, which they meet the qualification for a Tier 1 qualified facility, and the second location has a single 5,000 gallon tank of gas above ground, which would fall under a Tier 2 qualified facility.

The Board previously determined that this type of matter would be more applicable for the Department of Health than the Board, but if anything is done under HRS Chapter 464, that a licensed professional engineer or architect would need to be used.

After discussion and by consensus of the Board, since this issue does not involve drawing plans or specifications, Mr. Paxton will be notified to contact the Department of Health regarding this matter.

b. E-mail from William Eddy Regarding Stamping of Construction Plans and Preliminary Plan Submittals

Mr. Eddy is a licensed engineer who requested clarification on the stamping of plans as the County of Kauai, Department of Public Works requires that all construction plans to be stamped and signed even for preliminary plan submittals as cited in the Board's rules HAR §16-115-9. He does not feel comfortable about stamping and signing drawings that are in the preliminary stage because they are not necessarily complete and are subject to change after receiving comments from various agencies.

After discussion and by consensus of the Board, given the language of HAR §16-115-9, the Board recommended that Mr. Eddy work with the County agency on a mutually agreeable solution.

Executive Officer's Report:

a. Renewal Statistics (as of May 1, 2018)

	<u>No. of Licensees Eligible to Renew</u>	<u>No. Renewed</u>
Architects	2,583	2,303
Landscape Architects	152	138
Land Surveyors	213	193
Professional Engineers	7,317	6,665

b. DCCA Disciplinary Actions – Through March 2018

Ms. Matsushima circulated to the Board the DCCA disciplinary actions through March 2018 noting that there were no licensees from the Board having had action taken against his license.

c. Results of April 2018 Landscape Architect – Hawaii Plant Materials Exam

Number of Candidates: 1  
Number Passed: 1

d. License Certificate Re-Design Organizations

Ms. Matsushima reported that the License Certificate Re-Design Task Force is comprised of the following organizations:

- Hawaii Land Surveyors Association ("HLSA")
- Hawaii Chapter of the American Society of Landscape Architects ("ASLA Hawaii")
- American Council of Engineering Companies of Hawaii ("ACEC Hawaii")
- American Society of Civil Engineers, Hawaii Section ("ASCE Hawaii Section")
- Structural Engineers Association of Hawaii ("SEAOH")
- Hawaii State Council of the American Institute of Architects ("AIA Hawaii")
- American Society of Heating, Refrigeration, and Air-Conditioning Engineers Hawaii Chapter ("ASHRAE Hawaii Chapter")
- Core of Engineers, NAVFAC, etc.
- Energy Engineers
- Board of Professional Engineers, Architects, Surveyors and Landscape Architects (represented by Mr. Hirota)

Ms. Matsushima also reported on the steps that the Board of Public Accountancy goes through, from start to finish, in how they process and send out their wall certificates.

e. Financial Disclosures Due May 31, 2018

Ms. Matsushima reminded the Board members that they need to file their financial disclosures to the Ethics Commission by May 31, 2018 if they haven't already.

f. S.B. 2831, S.D.2, H.D.1, C.D.1 – Relating to Procurement for the University of Hawaii

Ms. Matsushima informed the Board that this measure is continuing to move forward and was enrolled to the Governor on May 3, 2018.

This bill will reinstate the authority of the University of Hawaii President as the Chief Procurement Officer for contracts for construction and construction-related professional services furnished by licensees under chapter 464, HRS, and would require the University of Hawaii to submit an annual report to the legislature detailing all capital improvement projects approved by the Board of Regents no later than 20 days prior to each regular session.

g. H.C.R. 82, H.D.1 – Requesting the Legislative Reference Bureau to Conduct a Review regarding the Performance of "Incidental and Supplemental" Contracting Work

Ms. Matsushima informed the Board that measure had died.

Next Meeting: **Thursday, June 14, 2018**  
9:00 a.m.  
King Kalakaua Conference Room  
King Kalakaua Building  
335 Merchant Street, 1<sup>st</sup> Floor  
Honolulu, Hawaii 96813

Adjournment: The meeting was adjourned at 10:47 a.m.

Taken and recorded by:

/s/ Terry Akasaka-Toyama

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Terry Akasaka-Toyama  
Secretary

Reviewed and approved by:

/s/ Sandra Matsushima

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Sandra Matsushima  
Executive Officer  
5/11/18

Minutes approved as is.

Minutes approved with changes; see minutes \_\_\_\_\_.