

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, April 10, 2014

Time: 8:30 a.m.

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

Present: Howard Lau, Chair, Structural Engineer Member
Dan Hirota, Secretary, Land Surveyor Member
Demetrio Constantino, Public Member
Kevin Katayama, Mechanical Engineer Member
Joel Kurokawa, Landscape Architect Member
Craig Murayama, Architect Member
Paul Murray, Land Surveyor Member
Clayton Pang, Electrical Engineer Member
Richard Suzuki, Civil Engineer Member
Roberto Yumol, Architect Member
Rodney J. Tam, Deputy Attorney General
James Kobashigawa, Executive Officer
Sandra Matsushima, Executive Officer
Terry Akasaka-Toyama, Secretary

Excused: Norman Hong, Architect Member
Jay Manzano, Public Member
Raymond Skelton, Vice Chair, Public Member

Guests: Michael Armstrong, NCARB, Chief Executive Officer
Blakely Dunn, NCARB, President
Katherine E. Hillegas, CAE, NCARB, Director of Council Relations
David H. Widmer, P.L.S., NCEES, President-Elect
Mike Miura
Carol Sakata

Call to Order: There being a quorum present, Chair Lau called the meeting to order at 8:33 a.m.

Agenda: Additions and Revisions: None.

Approval of Minutes: It was moved by Mr. Suzuki, seconded by Mr. Constantino, and unanimously carried to approve the March 13, 2014 Board meeting minutes with the following correction:

"Mr. Wang indicated that he has a Master's degree in electrical engineering from the University of Hawaii and a bachelor's degree in mechanical engineering from a university in China. From July 2009 to October 2013 he was doing various mechanical engineering work as a [product] project engineer, [product] project designer and a project manager. During that time he had two supervisors none of whom were licensed at the time as the company fell under the industrial exemption." (bracketed material to be deleted while underlined material to be added)

It was moved by Mr. Suzuki, seconded by Mr. Constantino, and unanimously carried to approve the March 13, 2014 Executive Session meeting minutes as distributed.

Applications: a. Ratifications

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

APPROVED ELECTRICAL ENGINEER BY ENDORSEMENT

- GENTILE, Kenneth

b. Professional Engineer Committee Recommendations

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

APPROVE CIVIL ENGINEER BY ENDORSEMENT

- BECKFORD, Peter
- BROWN, Solomon
- COOPER, Kyle
- HOFFERBERT, Mark

- HONG, Samuel
- LEYS, John
- NEAL, Ronald
- TANAKA, Amanda
- WALTON, William

APPROVE ELECTRICAL ENGINEER BY ENDORSEMENT

- ADAMS, David
- BACHTEL, Derrick
- KAWAMURA, Bryan
- TAITANO LOUGHRAN, Ramona
- TOMOKIYO, Scott

APPROVE INDUSTRIAL ENGINEER BY ENDORSEMENT

- BRUST, Peter

APPROVE MECHANICAL ENGINEER BY ENDORSEMENT

- KINSLOHR, James
- TAMAGNI, Michael

APPROVE STRUCTURAL ENGINEER BY ENDORSEMENT

- GARRETT, Brian
- OLSON, Craig
- RODRIGUES, Nicolas
- TAN, Enhui
- WONG, Simon

APPROVE ENGINEER BY EXAM (PE)

- CAI, Xinguo (SE)
- CHANG, Jeffrey (CE)
- UYEMA PAK, Audrey (CE)

DEFER CIVIL ENGINEER BY ENDORSEMENT

- DOELP, Gregory
- SOPHER, Peter

DEFER STRUCTURAL ENGINEER BY ENDORSEMENT

- FARR, Shane
- WALTON, William

DEFER ENGINEER BY EXAM (PE)

- FENG, Fan (CE)
- MARQUEZ, Carlito (SE)

It was moved by Mr. Suzuki, seconded by Mr. Constantino, and carried (ayes from Constantino, Hirota, Katayama, Kurokawa, Lau, Murray, Pang, Suzuki, and Yumol, while Murayama recused himself) 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

- HARDING, Brady
- JOHNSON, Lisa
- SANTEE, Earl
- THORNE, John

APPROVE ARCHITECT BY EXAM

- GANOTICE, Ma Christina
- McCALEB, Arnold
- SCHULTZ, Carson
- TEVES, Shannon

It was moved by Mr. Suzuki, 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

None.

Old Business: a. Rules Committee Report

Mr. Miura requested that this matter be deferred until after the Rules Committee has met to go over the minutes.

New Business: a. Professional Engineers Report

Mr. Kobashigawa reported on the following:

- The Central/Western Zone Meeting is scheduled for May 15-17, 2014 in Lincoln, NE. As Mr. Lau is unable to attend, Ms. Matsushima will now be attending with Mr. Suzuki.
- Engineers Week 2014 was held February 16-23, 2014 and the theme was "Let's Make a Difference", in which NCEES participated in national and local events to do just that.

NCEES also participated in the Future City Competition finals in Washington, D.C. on February 19th. This is a semester long program to challenge 6th, 7th, and 8th grade students to work with teachers and engineering mentors to design a city 150 years in the future. There was also a special award in the finals, "Best Land Surveying Practices".

NCEES staff took part in a DiscoverE Girl Day at an elementary school near NCEES headquarters. 3rd, 4th, and 5th grade girls took part in the event, which included hands-on activities such as building paper helicopters and racing balloon rockets.

b. Architects Report

Mr. Yumol reported on the following:

- NCARB has created a one stop resource called "Getting it Done" on their website that provides candidates with tips and tools regarding the A.R.E. exam and IDP requirement to shorten the time to obtain an architect license.

- Nick Serfass, NCARB Assistant Director of Internship + Education, was in Hawaii to do a PowerPoint presentation at the AIA Center for Architecture entitled "Examining A.R.E.", which was attended by about 30 candidates.

With regards to the Mutual Recognition Agreement ("MRA") between NCARB and the Canadian Architectural Licensing Authorities ("CALA"), Mr. Tam completed his research and made the following report to the Board as why the Board cannot sign this agreement:

- In §436B-10, HRS, part of the information an applicant shall provide on the application form is:
 - ✓ The applicant's social security number if the licensing authority is authorized by federal law to require the disclosure.
 - ✓ Proof that the applicant is a United States citizen, a United States national, or an alien authorized to work in the United States.

Failure to provide the above information shall be grounds to deny the application for licensure.

- In §436B-19.5, HRS, in addition to any other acts or conditions provided by law, the licensing authority shall refuse to renew, reinstate, or restore, or shall deny or suspend any license if the authority has received certification from the child support enforcement agency pursuant to the terms of section 576D-13 that the licensee or applicant is not in compliance with an order of support or has failed to comply with a subpoena or warrant relating to a paternity or child support proceeding.
- In §436B-19.6, HRS, provided by law, the licensing authority shall not renew or reinstate, or shall deny or suspend any license or application, if the department has received certification from an administering entity pursuant to chapter 436C that the licensee or applicant is in default or breach of any obligation under any student loan, student loan repayment contract, or scholarship contract that financed the licensee's or applicant's education, or has failed to comply with a repayment plan.

For §§436B-19.5 and 436B-19.6, HRS, to track non-compliance of child support and breach of student loans, a social security number is used thus not allowing the Board to be a signator to the MRA.

It was moved by Mr. Yumol, seconded by Mr. Pang, and unanimously carried to decline signing the MRA with CALA.

c. Surveyors Report

National Surveyors Week, sponsored by the National Society of Professional Surveyors, was held March 16-22, 2014 and celebrated the surveying profession and its many contributions to American society.

d. Landscape Architects Report

Mr. Kurokawa reported on the following:

- CLARB's president announced in this month's "In the Know" webcast that the Board of Directors voted at its February meeting to freeze Member dues from October 1, 2014 to September 30, 2017 in light of CLARB's healthy financial position and tight Member Board budgets during a slow recovery.
- With the new L.A.R.E. exam format, of the first-time takers who started during the September or December 2012 administrations, 33% have completed the exam and obtained licensure. Of those who have completed the exam since starting in September or December 2012, it took them an average 1.08 times to pass all four sections, which means most candidates are passing on the first try.
- As part of its ongoing effort to promote regulatory and board relevance, CLARB is seeking a Member Board partner to collaboratively explore, within the context of a pilot project, how to regulate through better understanding and recognition of the scope of work relating to public "welfare" or "well-being" in a specific jurisdiction. The project is expected to commence on or about October 1, 2015 and last a minimum of one year to a maximum of two years.

g. Information Handout about the Regulated Industries
Complaints Office ("RICO")

A handout on general information regarding the Professional and Vocational Licensing Division and RICO was distributed to the Board members for their information.

Correspondence: None.

Executive Officer's Report: a. Renewal Statistics

Mr. Kobashigawa reported that as of April 7, 2014, the following had renewed their license:

58% of Architects
64% of Landscape Architects
83% of Land Surveyors
68% of Professional Engineers

b. Disclosure of Financial Interests to Hawaii State Ethics
Commission

Mr. Kobashigawa reminded the Board members that they need to file this disclosure form to the Ethics Commission by June, 2, 2014.

Recess: At 9:03 a.m., Chair Lau called for a recess.

Reconvene: At 9:20 a.m., the Board returned to its regular order of business.

The following agenda items were moved as the next order of business:

New Business: e. Presentation by NCARB
(continued)

Mr. Armstrong, Mr. Dunn, and Ms. Hillegas introduced themselves to the Board.

Mr. Dunn expressed his appreciation to the Board on behalf of NCARB that it matters when the Board is represented at NCARB meetings.

NCARB's strategic goals are to facilitate licensure, foster a collaboration with collateral and related organizations to identify and address significant issues that impact the profession and the health, safety, and welfare of the public, and to centralize credential data for interns and architects to efficiently manage their credentials.

Mr. Armstrong reported on the following:

- In 2019, NCARB will be 100 years old.
- NCARB's primary function is to design tools and procedures for jurisdictions to be able to apply to their regulation as a path to licensure, from internship guidelines to gain experience, to the licensing examination for reciprocal licensure. NCARB maintains records of architects and interns for 54 jurisdictional boards.
- The graphic vignette tool of the A.R.E. exam has been problematic. In reality, no one uses it and candidates only learn it for the exam. The graphic vignette tool is expensive to maintain and they are looking to replace this portion of the exam. Fall 2016, a new exam, A.R.E. 5.0 will be coming out and will only have six sections. The formatting of the exam will also change making it easier to score and quicker to return test scores.
- NCARB recently switched to a new exam vendor who releases scores within two to three weeks and candidates can immediately schedule to retake failed sections, but must still wait six months before retaking the exam.
- NCARB also established a one-stop portal called "My Examination" where candidates have access to schedule their own exams, update their personal information, receive electronic score reports, view their rolling clock, as well as have access to information and guidelines on the A.R.E.
- NCARB has changed a policy to now allow candidates to take the A.R.E. exam concurrently while completing IDP.
- The A.R.E. exam will be available in Hong Kong, People's Republic of China in early April.

- NCARB is looking at the possibility of other paths to licensure that would allow a candidate to become licensed upon graduating from school. A pilot program may be in the near future.
- The Broadly Experienced Architect ("BEA") and Broadly Experienced Foreign Architect ("BEFA") programs are not very successful as not a lot of people are utilizing it. These programs allow U.S. licensed architects who do not hold an architecture degree from a National Architectural Accrediting Board ("NAAB") accredited program and foreign architects who do not hold a license to practice architecture from one of the state registration boards to apply for NCARB certification. NCARB is looking to simplify and reassess these programs.

Ms. Hillegas reported on the following:

- NCARB updated their website for member boards with more supportive links to a legislative tracker, license verification for each jurisdiction, current and past newsletters, forms and publications, sunset reviews, research library, etc.
- NCARB can also provide a review of a board's proposed rules amendments to see if it follows the language in the model law.
- NCARB has documents of various topics that have been researched and compiled from all 54 jurisdictions' laws and rules, such as electronic seals and signatures, enforcement, member board overview, etc.
- A resolution will be introduced at the Annual Meeting to stop the escalation of fees and freeze the dues at the current level as NCARB's finances are doing well.
- To broaden their exposure, they recently met with Trade Publishing Company, along with Mr. Yumol, to introduce themselves and to inform them that if they need an organization to collaborate with or to consult with for a story that they could contact either NCARB or the Board.

- NCARB will be reviewing AIA's continuing education ("CE") courses. Mr. Kobashigawa indicated that the Board is looking to change the required CE amount from per biennium to 12 annually during the calendar year.
- On a separate note, Mr. Tam informed Mr. Armstrong, Mr. Dunn and Ms. Hillegas that the Board had just declined to sign the Mutual Agreement with Canada based upon Mr. Tam's findings regarding the social security number requirement.

Mr. Armstrong indicated that they will tackle this issue at NCARB to see if there are other viable options as Hawaii is not the only jurisdiction with this concern.

f. Presentation by NCEES

Mr. Widmer introduced himself to the Board.

NCEES is composed of 69 member licensing boards from each U.S. state, the District of Columbia, Guam, Puerto Rico, and the U.S. Virgin Islands, including independent providences, etc. As of yet, no jurisdiction has adopted the entire model law in its entirety. And foreign entities are not considered a member organization. They are only allowed to offer the examination. It was also reported that a recommendation will be made at the upcoming Annual Meeting requesting that exams be given in Taiwan.

Mobility for surveyors will be looked at in the near future.

The Examinations for Professional Engineers ("EPE") Committee oversees the development and scoring of the FE and PE exams. It reviews item performance, monitors the training of exam development volunteers, and recommends changes to exam policies and procedures. They are looking at least four years down the road at the possibility of moving the PE and PS exams to computer-based testing ("CBT"). Some major hurdles to overcome are researching the availability of online reference materials and increasing the item bank questions.

Regarding the bachelor+30 issue, Member Board Administrators are not looking to support this and ABET is not looking to change the number of accredited hours for an engineering degree from 120 to 150.

It is still early, but the outlook for the FE and FS CBT exams seems promising. Many have signed up for the April/May administration and others have signed up for the July/August and October/November administrations too. Passage rates for the FE and FS CBT exams are about the same as when it was a paper and pencil exam. NCEES will be hiring someone to analyze the exam data.

It was questioned whether the exams offered at foreign locations were given in English or translated to that foreign language and if the units used in the exam were those used in the U.S. or that foreign country. Mr. Widmer indicated that the exams are only offered in English and in U.S. units (the International System of Units ("SI") and the U.S. Customary System ("USCS")). Their exam scores are also not used towards the cut scores.

Next Meeting: Thursday, May 8, 2014
8:30 a.m.
King Kalakaua Conference Room
King Kalakaua Building
335 Merchant Street, 1st Floor
Honolulu, Hawaii 96813

Adjournment: The meeting was adjourned at 11:10 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
4/28/14

[X] Minutes approved as is.

[] Minutes approved with changes; see minutes _____.