

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, February 20, 2020

Time: 9:00 a.m.

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

Present: Ken Ota, Chairperson, Public Member
Brian Fujiwara, Architect Member
Roberto Yumol, Architect Member
Kevin Katayama, Mechanical Engineer Member
Richard Suzuki, Civil Engineer Member
Alan Inaba, Land Surveyor Member
Jay Ishibashi, Public Member
Joel Kurokawa, Landscape Architect Member, Secretary
Christopher Leong, Esq., Deputy Attorney General ("DAG")
Sandra Matsushima, Executive Officer ("EO")
LaJoy Lindsey, Secretary

Excused: Dan Hirota, Land Surveyor Member, Vice Chairperson
Ron Iwamoto, Structural Engineer Member
Benedict Lee, Landscape Architect Member
Marc Ventura, Architect Member

Guests: Lei Fukumura, Special DAG

Call to Order: There being a quorum present, the meeting was called to order at 9:10 by Chairperson Ota.

Agenda: Additions and Revisions At EO Matsushima's request, it was moved by Mr. Suzuki, seconded by by Mr. Pang and unanimously carried to move agenda item #4, Chapter 91 Adjudicatory Matters before agenda item #3, approval of minutes.

Approval of Minutes It was moved by Mr. Inaba, seconded by Mr. Yumol and unanimously carried to approve the minutes of the January 23, 2020, meeting.

Chapter 91.

Adjudicatory Matters: In the Matter of the License to Practice Architecture of Brady W. Harding;
ENG 2018-16-L;

At 9:13 a.m., it was moved by Chairperson Ota, seconded by Mr. Yumol and unanimously carried to recess for Chapter 91, and discuss the above mentioned settlement agreement. There were no guests present. At 9:15 a.m., it was moved by Chairperson Ota, seconded by Yumol and unanimously carried to move out of recess and return to open session. When the board returned to open session, it was moved by Mr. Yumol and seconded by Mr. Fujiwara to accept Mr. Harding's settlement agreement.

Applications:

a. Ratifications

None.

b. Professional Engineer Committee Recommendations

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

APPROVE AGRICULTURAL ENGINEER BY ENDORSEMENT

- NONE

APPROVE CHEMICAL ENGINEER BY ENDORSEMENT

- NONE

APPROVE CIVIL ENGINEER BY ENDORSEMENT

- GISH, Richard
- HARMON, David
- HINOJOSA, Robert
- HOWES, Joshua
- KRAMER, Casey
- LOPEZ, Andres
- MERANI, Jay
- MONEDA, Jeff
- NERI, James
- SHARFF, Philip
- SUMIDA, Bruce
- WARD, Andrea

APPROVE ELECTRICAL ENGINEER BY ENDORSEMENT

- BRAVO, Joseph
- GRIFFITH, Jeffrey
- HOPSON, Tyler
- LEAVITT, Brian
- MOSMAN, Tyler
- THORNTON, Brett
- YBARRA, James

APPROVE INDUSTRIAL ENGINEER BY ENDORSEMENT

- TELLO, Linda

APPROVE MECHANICAL ENGINEER BY ENDORSEMENT

- DAIN, Vladimir
- FELLER, Steven
- SAAREM, David

APPROVE STRUCTURAL ENGINEER BY ENDORSEMENT

- ARSENE, Florin
- CHAN, Evan
- JOHANNESSEN, Jeremy
- McAULEY, Sean
- OH, Seung Kun
- STRINGER, Stuart
- SYBRON, Rohan
- TURLEY, Troy

APPROVE ENGINEER BY EXAM (PE)

AG

- NONE

CIVIL

- BARANY, Paul
- SONG, Chenyan
- TOSHI, Alec
- WISE, Christopher

ELECTRICAL

- NONE

MECHANICAL

- *NONE*

STRUCTURAL

- *NONE*

APPROVE ENGINEER BY EXAM (FE)

- *NONE*

DEFER CIVIL ENGINEER BY ENDORSEMENT

- HAWKS, Andre
- TOWNER, Mark

DEFER ENGINEER BY EXAM (PE)

- HELTZEL, Yumiko (Civil)
- SLENTZ, Loren (Civil)

DEFER ENGINEER BY EXAM (FE)

- *NONE*

DEFER CHEMICAL ENGINEER BY ENDORSEMENT

- *NONE*

DEFER ELECTRICAL ENGINEER BY ENDORSEMENT

- CHRISTENSEN, Kevin
- DERAS, Federico
- GENTRUP, Michael
- GRUBERMAN, Randal
- HAYWARD, Chad
- HILL, Stuart
- MOLINA, Robert
- PROULX, Marcel
- SAAREM, David

- VANDAL, Brian

DEFER MECHANICAL ENGINEER BY ENDORSEMENT

- PICKETT, Bransford
- XIA, Lian Wu

DEFER STRUCTURAL ENGINEER BY ENDORSEMENT

- ARLANDSON, Christopher
- AXSOM, Erich
- HASLETT, Daniel
- NELSON, Kirk

DENY CIVIL ENGINEER BY ENDORSEMENT

The following applications were denied on the basis of not meeting the lawful experience requirement for a civil engineer license, pursuant to §464-8 (a)(4) Qualifications for licensure, Hawaii Revised Statutes, and §16-115-24 (d)(2) and (d)(3) Licensure by endorsement, Hawaii Administrative Rules.

DENY CIVIL ENGINEER BY EXAM

- *NONE*

DENY CIVIL ENGINEER BY ENDORSEMENT

- *NONE*

DENY ELECTRICAL ENGINEER BY ENDORSEMENT

- *NONE*

DENY STRUCTURAL ENGINEER BY ENDORSEMENT

- *NONE*

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

c. Professional Architect Committee Recommendations

Mr. Fujiwara presented the PROFESSIONAL ARCHITECT

COMMITTEE REPORT and recommended action as follows:

APPROVE ARCHITECT BY ENDORSEMENT

- ANDERSON, Shawn
- DANIELIAN, John
- JORGENSEN, Erik
- LIN, Amy
- LOEWENSTEIN, David
- MacEACHERN, Micael
- MAGNUSON, Drew
- MOLINAR-RUIZ, Ana
- ROBERTS, Kevin (HOLD for signature)
- SNELL, Casey
- WESKALNIES, Jenifer
- WOOD, Darrell

DEFER ARCHITECT BY ENDORSEMENT

- *NONE*

APPROVE ARCHITECT BY EXAM

- NORRIS, Elisabeth
- RIXEY, Mary

DEFER ARCHITECT BY EXAM

- *NONE*

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

d. Professional Land Surveyor Committee Recommendations

Mr. Inaba presented the PROFESSIONAL LAND SURVEYOR COMMITTEE REPORT and recommended action as follows:

APPROVE LAND SURVEYOR BY ENDORSEMENT

- *NONE*

DEFER LAND SURVEYOR BY ENDORSEMENT

- *NONE*

APPROVE LAND SURVEYOR BY EXAM

- ETHEREDGE, Brett
- MORALES, Ryan

DEFER LAND SURVEYOR BY EXAM

- *NONE*

It was moved by Mr. Fujiwara, seconded by Mr. Yumol, and unanimously carried to accept the PROFESSIONAL LAND SURVEYOR COMMITTEE REPORT.

e. Professional Landscape Architect Committee Recommendations

There was no PROFESSIONAL LANDSCAPE ARCHITECT COMMITTEE REPORT.

APPROVE LANDSCAPE ARCHITECT BY EXAM

- *NONE*

DEFER LANDSCAPE ARCHITECT BY EXAM

- *NONE*

APPROVE LANDSCAPE ARCHITECT BY ENDORSEMENT

- *NONE*

Old Business:

- a. Discussion of the draft rules amendment to a proposed Draft 1 of Title 16 Chapter 115, Hawaii Administrative Rules ("HAR").

The draft will be routed to the Attorney General and the the DCCA Director for review. Supervision and lawful experience is being discussed as well as no experience credit while in school. Need to clarify exam dates.

New Business:

- a. Professional Engineers Report

- Matters Related to the National Council of Examiners for Engineering and Surveying ("NCEES")
- NCEES 2020 Zone Interim Meeting, April 23-25, 2020, Houston, TX;

EO Matsushima and Messrs. Katayama, Hirota, and Pang will

attend. Mr. Clyde Robertson would like a state report covering lessons learned, policies and practices. The mobility challenge report must still be completed.

- National Awards Nominations – due January 31, 2020;
The deadline has passed. The awards will be presented at the national meeting.

- NCEES Treasurer Nominee;

Mr. Paul Tyrell from Boston has been nominated for Treasurer.

- NCEES Exams April 17-18, 2020;

Anyone interested as serving as an observer at the exams may notify EO Matsushima.

b. Architects Report

- Matters Related to the National Council of Architectural Registration Boards (“NCARB”)

- WCARB Laudatory Template;

WCARB would like board members who are terming out to complete a form so that they may be recognized at the NCARB meeting.

- The Interprofessional Council on Registration (ICOR)

The ICOR hosted an orientation for new state board members and member board administrators in Washington, D.C. on February 12-14, 2020. Representing Hawaii were Brian Fujiwara and EO Matsushima.

In addition to attending the various sessions of the respective design professional organizations, EO Matsushima had face-to-face networking opportunities with the leadership staff of the ICOR organizations to clarify licensure application issues.

- 2020 MBE Workshop and Regional Summit – March 5-7, 2020, Cambridge, MA;

EO Matsushima and Messrs. Yumol and Fujiwara will be attending.

- NCARB Board of Directors Brief January 2020

EO Matsushima circulated the brief for perusal.

- 2020 Draft Resolutions for Consideration;

EO Matsushima circulated the draft resolutions for perusal.

c. Surveyors Report

There was no surveyors report.

d. Landscape Architects Report

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

- CLARB "In the Know" Webcast ;

This webcast is ongoing. Mr. Kurokawa will be attending CLARB meeting March 4-8, 2020, in Nashville, TN.

Executive Officer's
Report:

- Legislative Bills

HB 1933 RELATING TO THE STATE BUILDING CODE COUNCIL.

This bill is still moving, it's currently an HD-1. This bill repeals the state building code council.

HB 1877 RELATING TO LAND RECORDATION

This bill is moving and is now an HD-1. This bill clarifies data requirements for land recordation on land registered by land court other than fee-simple and timeshare interests.

SB 2097 and HB 2386 RELATING TO PROPERTY ACCESS

These were companion bills and both died. It extends the application of gathering rights to lands owned, fee-simple and to landlords and land owners authorizing an action for easement by necessity or land locked parcels not previously under a unity of title with the prospective subservient estate.

SB 2128 RELATING TO FIRE PROTECTION (companion HB 1754)

Requires the builders of new dwellings to provide buyers with information on the benefits and costs associated with installing and maintaining a residential fire sprinkler system. Requires the Department of Commerce and Consumer

Affairs Professional and Vocational Licensing Division to develop a standard form for this purpose. This would take effect on July 1, 2025.

Both bills are moving. HB 1754 is in HD-2.

SB 2130 RELATING TO THE STATE FIRE CODE (companion HB 1756)

This bill repeals section 46-19.8, Hawaii Revised Statutes, thereby allowing counties to regulate installation of residential fire protection sprinkler systems.

This bill is moving along with its companion bill.

SB 2135 RELATING TO PUBLIC SAFETY (companion HB 1761)

Repeals section 46-19.8, Hawaii Revised Statutes, thereby allowing counties to regulate installation of residential fire protection sprinkler systems.

Both of these bills have died.

SB 2172 RELATING TO HOUSING DEVELOPMENT (companion HB 1716)

Provides to each county legislative body the ability to review and approve land use district boundary amendments for affordable housing projects on 15 acres or less.

SB 2172 is still moving in the senate; however, House Bill 1716 has died.

EO Matsushima advised the board that there is a bill which would require all board/commission meetings to be live streamed. That has been brought up before, but DCCA does not have the necessary equipment/technology to make this happen. Also, neighbor island members would not be able to video teleconference in as they would be required to open their office space to the public if anyone wanted to attend. However, once connection is lost, the meeting must end.

Correspondence:

E-mail from Mr. John Keppler or Farwest Corrosion Control Company, Mukilteo, WA. Mr. Keppler is a licensed PE in corrosion engineering. He designs cathodic protection systems to protect buried and submerged structures from corrosion. Because corrosion engineering is not a regulated field in Hawaii, he wants to know if he needs to be licensed to design cathodic protection systems. If so, would the board accept reciprocity from a PE corrosion to another discipline of engineering such as electrical or structural? If not, would a civil engineer be allowed to design cathodic protection such as steel retaining walls and pipelines?

A lengthy discussion ensued. Chairperson Ota asked Mr. Suzuki if civil engineers are currently working with the cathodic protection systems. Mr.

Suzuki replied that it could be electrical engineers as well. He continued that while there is no (corrosion) discipline what he has encountered in his design requirement when cathodic protection was involved, for one of his projects he hired an outside consultant, but his engineers had to stamp it. EO Matsushima asked what type of engineer stamped the plans. Mr. Suzuki replied that in that case, it was structural. Mr. Pang mentioned that if it's electrical-related, an electrical engineer can sign off. EO Matsushima asked the board for their advice as to how she should respond to Mr. Keppler's inquiry. Chairperson Ota shared that this topic will arise more often as the Board of Water supply is requiring cathodic protection.

Several board members shared their experiences. Mr. Suzuki (civil) commented that under the rules, it could also be industrial. A general response could be that it involves mechanical, electrical, civil and structural. Retaining walls are structural. Mr. Suzuki asked, what if EO Matsushima would seek guidance from NCEES regarding this matter? She thinks they would respond that it could be any of the disciplines depending on what's being done. Chairperson Ota mentioned that the Board of Water Supply is going back to metal pipes again. EO Matsushima stated that there should be a standard answer, anticipating that the board may receive more questions regarding this. Mr. Pang asked about fire protection and EO Matsushima responded that now it is electrical for circuits and mechanical for pipes/sprinklers.

Mr. Pang shared that the cathodic portion would be electrical. EO Matsushima asked if Mr. Keppler's scenario would be electrical. Also, if she were to respond to others regarding cathodic protection, the response would depend on what type of work is actually being done.

In response to Mr. Keppler:

Does he need to be licensed to design cathodic protection systems? No, as long as a licensed professional is responsible for the design of the overall project.

If so, would you accept reciprocity from a PE Corrosion to another discipline of engineering such as electrical or structural? No.

If not, would you allow a civil engineer to design cathodic protection for metallic structures such as steel retaining walls and pipelines? No, a civil engineer cannot design cathodic protection, but it would require a Hawaii licensed engineer (mechanical, electrical, civil and structural) depending on the project.

Next Meeting:

Thursday, March 12, 2019
9:00 a.m.
King Kalakaua Meeting Room

Board of Professional Engineers, Architects,
Surveyors and Landscape Architects
Minutes of the Meeting of February 20, 2020
Page 12

King Kalakaua Building
335 Merchant Street, 1st Floor
Honolulu, Hawaii 96813

Following our meeting, we will have our holiday luncheon at Henry Loui's.

Adjournment:

It was moved by Mr. Inaba, seconded by Mr. Lee and unanimously carried to adjourn the meeting at 9:59 a.m.

Taken and recorded by:

/s/ LaJoy Lindsey

LaJoy Lindsey
Secretary

Reviewed and approved by:

/s/ Sandra Matsushima

Sandra Matsushima
Executive Officer

3/2/20

[] Minutes approved as is.

[] Minutes approved with changes; see minutes _____.