

Alaska Board of Registration for Architects, Engineers, and Land Surveyors

**Motion & Roll Call Sheet**

Made by: \_\_\_\_\_

Date: Nov 14, 2023 Time: \_\_\_\_\_

Seconded by: \_\_\_\_\_

**MOTION**

I move that it be resolved to approve the November 14-15<sup>th</sup>, 2023, AELS board meeting agenda

**PASSES UNANIMOUSLY?** Yes\_\_\_\_ No\_\_\_\_

**PASSES by ROLL CALL?** Yes\_\_\_\_ No\_\_\_\_

<b>Roll Call Vote</b>	<b>Yes</b>	<b>No</b>	<b>Abstain</b>
Bell	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cole	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fritz	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Garness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Johnston	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leman	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leonetti	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Maxwell	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rozier	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Strait	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wallis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Amendment by: \_\_\_\_\_



**ALASKA STATE BOARD OF REGISTRATION FOR  
ARCHITECTS, ENGINEERS, AND LAND SURVEYORS  
TENTATIVE AGENDA**

**Meeting Date:** November 14-15<sup>th</sup>, 2023

**Meeting Time/ Location:** Day 1: University of Alaska Anchorage  
EIB Room 413 – 9am – 4:30pm  
Day 2: University of Alaska Anchorage  
ECB Room 204 – 9am - Noon

**Zoom Link:**

<https://us02web.zoom.us/j/81358988870?pwd=dzRuQm1rRlI4NE45MU5oNTVIOWFQQT09>

**Teleconference: 253-215-8782 Meeting ID: 813 5898 8870 Passcode: 129747**

**Agenda**

1. 9:00 am - Call to Order/Roll Call/Virtual Notice
2. 9:05 am - Review/Amend/Approve Agenda
3. 9:10 am – General Information
  - A. Mission Statement
  - B. Virtual Meeting Code of Conduct
  - C. Strategic Plan
  - D. National Organization Updates
    1. NCEES – see updates on [www.ncees.org](http://www.ncees.org)
      - a. US/UK MRA – Lucy Campbell -British Deputy Consul General  
Gregor Catto – Senior Trade Advisor
      - b. Elizabeth Johnston – Running for President-Elect
    2. NCARB – see updates on [www.ncarb.org](http://www.ncarb.org)
      - a. Pathways to Practice Statement
    3. CLARB – see updates on [www.clarb.org](http://www.clarb.org)
4. 9:40 am - Consent Agenda
  - A. Item 1: Meeting Minutes
    1. August 28<sup>th</sup> meeting minutes
    2. May 2<sup>nd</sup> meeting minutes
  - B. Item 2: Outreach Reports
    1. 8/2023 NCEES Annual Business Meeting – Fritz/Johnston/Maxwell
    2. 9/14/2023 UAA College of Engineering ABET Accreditation – Leman
    3. 9/15/2023 UAA College of Engineering Student Showcase – Leman

**Board Members:**

**Catherine Fritz**  
*Architect (Chair)*

**Jeffrey Garness**  
*Engineer other than those listed (Vice Chair)*

**Edward Leonetti**  
*Landscape Architect (Secretary)*

**Robert (Bob) Bell**  
*Land Surveyor*

**Brent Cole**  
*Public Member*

**Elizabeth Johnston**  
*Electrical/Mechanical*

**Loren Leman**  
*Civil Engineer*

**Jake Maxwell**  
*Land Surveyor*

**Randall Rozier**  
*Architect*

**Sterling Strait**  
*Civil Engineer*

**Fred Wallis**  
*Mining Engineer*

**Board Staff**

**Sara Neal**  
*Executive Administrator*

**Kelly Johnson**  
*Licensing Examiner*

4. 9/2023 CLARB Annual Business Meeting - Leonetti
- C. Item 3: Outgoing Correspondence
  1. 9/14/2023 – Paul Davis  
RE: Engineering documents not requiring seals
  2. 9/14/2023 – Commissioner Anderson  
RE: Removing 12AAC 36.990(44)(F)
  3. 9/14/2023 – Sava White  
RE: 12AAC 36.145 “Regularly Employed” needs revision
5. 9:42 am – Ethics Reporting
6. 9:45 am – Review Public Comments and final Board review for Regulation Projects  
Both projects have an estimated date for public notice of 11/15/2023-12/15/2023
  - A. Update Landscape Architect by Exam and Simplified Reexamination
  - B. SB 126 and Digital Signatures
7. 9:50 am – Regulation Projects in Progress
  - A. Responsible Charge – Leman / Garness
  - B. Architectural Engineering – Johnston, Legislative Liaison Committee
8. 10:00 am – Division Report
  - A. 4<sup>th</sup> Quarter Update – Melissa Dumas
  - B. Update on EA Salary - Sylvan
  - C. Update on ADEC - Sylvan
  - D. Update on Military & Spouse Special Licensure - Sylvan
  - E. Board Training Webinars – Sara Chambers  
Subjects she will cover: when roll call voting is needed & rules for abstaining
9. 10:45 am – Old Business
  - A. Executive Session – Billy Homestead and Patrick Kase will join – Investigative Memo in Onboard Resources  
Possible committee to look into what AELS’s role is enforcing its statutes and regulations with local government and other state agencies - Fritz
  - B. ADEC Regulatory Changes – Leman / Garness
  - C. Revising 12AAC 36.145 RE: what defines an office – Johnston / Garness / Wallis
  - D. Document retention – Johnston / Garness
  - E. Create Policy on Number of References for Applications – Bell / Wallis
  - F. DOT Working Group – Bridge span 12 AAC 36.990 (44)(F) – Strait / Leman

- G. AELS Website – Strait / Staff
  - H. Look into MN Regulations RE: Review Investigations Process and Regulations – Leonetti
  - I. Gather DEI Data from National Organizations – Johnston / Leonetti
10. 11:45 am - Break
11. 12:00 pm – Outreach Event – APDC & AIA Boards –Johnston
12. 1:30 pm – New Business
- A. Board Make-up – potential new house bill– Rep. McKay
  - B. Incoming Correspondence
    - 1. Christopher Johnston RE: Recommended change to 12 AAC 36.530(b)
    - 2. Mike Erdman – ADEC EDMS Onsite Wastewater Documentation
  - C. CE Form Revision – Updated CE Reporting Forms Fritz/Neal
13. 2:30 pm – Public Comment
14. 3:00 pm - Licensing Examiner’s Report - Johnson
- A. Update on staff approval process – Neal
15. 3:10 pm - Application Review Questions
- A. Danh Vu
16. 3:30 pm – Break
17. 3:45 pm – Committee Reports
- A. Overview of Committee Rules
  - B. Investigative Advisory Committee – Leonetti
    - 1. Investigative Report – Kase
  - C. Outreach Committee – Maxwell
    - 1. 2024 Newsletter Articles
    - 2. February 2024 outreach event
      - UAA Engineer/Land Surveyor Forum – “Path to Licensure”
  - D. Guidance Manual Committee
    - 1. Define HSW for Board Policies and Historical Information
    - 2. Completed CE Structured report for example and compile a list of possible professional and technical societies. – no example for self-study yet
    - 3. Define responsible charge experience and identify areas where it is appropriate to use. Lemman/Rozier – drafted language for Guidance Manual
    - 4. Digital signature – waiting for regulation change - Johnston



E. Legislative Liaison Committee – Leman

1. EA Salary Issue
2. SB 73 update - Fritz

F. Education Committee - Johnston

1. On demand Cold Regions Design course  
Summary of 9/27 meeting
2. UW Course Content  
Summary of 10/27 Meeting

18. 4:30 pm – Recess

**Day 2 – University of Alaska – ECB 204 – 9am-Noon**

19. 9:00 am – Working Sessions (15-minute break between topics)

A. Topic 1: Cold Regions On-Demand Course

1. What are the minimum/core competencies that should be required?
2. Should there be shared course content with specializations for different professions?
3. Understanding the differences between “on demand”, self-directed, etc.

9:45am – Break

10:00am – Working Sessions Continued

B. Topic 2: Architectural Engineering

1. Who are the affected professions and how should the board engage with them?
2. What are the pros and cons for adding this profession to the AELS board?
3. Does this align with the right-touch regulation and AELS’s strategic plan?

10:45am -Break

20. 11:00 am – Public Comment

21. 11:30 am – Review Action Item List

22. 11:40 am – Read Applicants into the Record

23. 11:50 am – Upcoming Board Meetings:

- A. Set committee meeting dates
- B. February 8-9<sup>th</sup>, 2024
- C. NCARB Regional Summit - February 29-March 2, 2024 – Savannah, GA
- D. Set date for the April 2024 AKLS
- E. NCEES Zones – May16-17<sup>th</sup> – Bozeman, MT – need to name 3 funded delegates
- F. Set dates for May 2024 Board meeting

G. NCARB Annual Business Meeting – June 2024 – Chicago, IL

H. NCEES Annual Business Meeting – August 14-17<sup>th</sup>, 2024 – Chicago, IL

24. 11:55 am – Board Member Comments

25. Noon – Adjourn

# Agenda Item 3

## General Information

- A. Mission statement
- B. Virtual Meeting Code of Conduct
- C. Strategic Plan
- D. National Organization Updates
  - 1. NCEES – UK/USA MRA  
Elizabeth Johnston for President-Elect
  - 2. NCARB – Pathways to Practice Statement
  - 3. CLARB – No documents included

*State of Alaska*  
*Board of Registration for Architects,*  
*Engineers, and Land Surveyors*

## **MISSION STATEMENT**

**The board's mission is to protect the public health, safety, and welfare through the regulation of the practice of architecture, engineering, land surveying, and landscape architecture by:**

- ensuring that those entering these professions in this state meet minimum standards of competency, and maintain such standards during their practice; and**
- enforcing the licensure and competency requirements in a fair and uniform manner.**



## Alaska Division of Corporations, Business and Professional Licensing

# Virtual Meeting Code of Conduct

I understand that by participating in any virtual board meeting or event hosted by the Division of Corporations, Business and professional Licensing, **I am agreeing to the following code of conduct:**

### Expected Behavior

- Because CBPL and its boards value a diversity of views and opinions, all board members, invited guests, members of the public, and division staff will be treated with respect.
- Be considerate, respectful, and collaborative with fellow participants.
- Demonstrate understanding that the board is following a business agenda and may reasonably change it to ensure meeting efficiency. Unless invited ahead of time to address the board, the chair may recognize members of the public to speak for a limited time during the public comment period.
- Recognize the chair has the authority to manage the meeting, and staff may intercede to assist, if needed.
- All participants are also subject to the laws applicable in the United States and Alaska.

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### Unacceptable Behavior

- Harassment, intimidation, stalking or discrimination in any form is considered unacceptable behavior and is prohibited.
- Physical, verbal or non-verbal abuse or threat of violence toward of any board member, invited guest, member of the public, division staff, or any other meeting guest/participant is prohibited.
- Disruption of any CBPL board meeting or hosted online session is prohibited.
- Examples of unacceptable behavior include:
  - Comments related to gender, gender identity or expression, age, sexual orientation, disability, physical appearance, body size, race, religion, national origin, political affiliation;
  - Inappropriate use of nudity and/or sexual images in presentations;
  - Use of music, noise, or background conversations as a disruption. While this may happen briefly or incidentally, prolonged or repeated incidents are prohibited.
  - Shouting, badgering, or continued talking over the speaker who has been recognized by the chair.

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### Reporting Unacceptable Behavior

If you or anyone else in the meeting is in immediate danger or threat of danger at any time, please contact local law enforcement by calling 911. All other reports should be made to a member of the senior management team.

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### **Consequences**

If the director of the division determines that a person has violated any part of this code of conduct, CBPL management in its sole discretion may take any of the following actions:

- Issue a verbal or written warning;
- Expel a participant from the meeting;
- Suspend attendance at a future meeting – both virtual and in-person;
- Prohibit attendance at any future CBPL event – both virtual and in-person;
- Report conduct to an appropriate state entity/organization;
- Report conduct to local law enforcement.

## OBJECTIVES

1. Ensuring that those entering these professions in this state meet minimum standards of competency, and maintain such standards during their practice; and

2. Enforcing the licensure and competency requirements in a fair and uniform manner.

## STRATEGIES

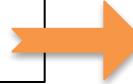
- a. Support license mobility by aligning with model law, including updates to statutes, regs, policies**
    - Participate in national organizations to stay abreast of issues.
  - b. Prepare university students for licensure**
    - Encourage licensing preparedness in UAA & UAF Engineering and Land Surveying/Geomatics programs.
    - Encourage Alaskan architecture and landscape architecture students to become licensed in Alaska
  - c. Maintain an effective outreach program**
    - Clarify the path to licensure for each discipline.
    - Share outreach program with license holders, licensure candidates, legislators, and allied professions.
    - Encourage Diversity, Equity, and Inclusion thru professional practice and regulation.
  - d. Provide Administrative Support**
    - Assist Department staff with reports, meeting locations, outreach program challenges, etc.
    - Collaborate with Department to answer questions from candidates and registrants.
- 
- Protect public HSW through effective statutes & regulations**
    - Analyze/update regulations to simplify and maintain Education, Experience, and Examination standards.
    - Enforce regulations with prompt, thorough investigations.
    - Update (revise) statutes to reflect current practices.
  - b. Collaborate with design professionals and allied professions**
    - Listen to concerns; address through regulations and policies.
    - Interact with professional organizations on HSW matters.
    - Provide ongoing review/updates/publication of Guidance Manual.
  - c. Maintaining Competency through Continuing Education**
    - Update CE regulations to reflect model law.
    - Simplify CE reporting forms and licensee CE record keeping.
  - d. Provide Administrative Support**
    - Empower staff to administer straightforward applications without Board review.
    - Support special projects to develop knowledge base of Board's past actions.
    - Collaborate with staff to identify board training needs and opportunities.

**OBJECTIVE 1. Ensuring that those entering these professions in this state meet minimum standards of competency, and maintain such standards during their practice; and**

**STRATEGIES**

**2023 PLANNED ACTIONS (3.1.2023 – 2.29.2024)**

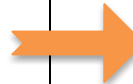
**a. Support license mobility by aligning with model law, including updates to statutes, regulations, policies.**



1. Review proposed changes for consistency with relevant NCARB, NCEES, and CLARB standards.
2. Support Board members' participation in national organization committees and leadership.
3. Review continue education changes for consistency with national standards.

**b. Prepare university students for licensure by**

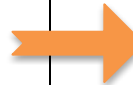
- encouraging licensing preparedness at UA (and other) engineering and land surveying/geomatics programs.
- encouraging Alaskan architecture students to become licensed in Alaska.
- encouraging Alaskan landscape architecture students to become licensed in Alaska.



1. Send congratulatory letter to UA engineering and land surveying graduates.
2. Participate in university activities at UAA and UAF.
3. Appoint liaisons to applicable UAA and UAF Boards.
4. Present at least 1 UAA PDH Seminar series.
5. Identify Alaskan architecture and landscape architecture graduates and send congratulatory letters.

**c. Maintain an effective outreach program**

- Clarify the path to licensure for each discipline.
- Share outreach program with license holders, licensure candidates, legislators, allied professions.
- Encourage Diversity, Equity, Inclusion thru practice & regulations



1. Develop policy to guide unusual paths to licensure.
2. Develop infographic on path to licensure in Alaska
3. Develop an annual Outreach Plan in conjunction with the Board's annual report.
4. Produce at least 1 newsletter per year.
5. Reach outside AELS to analyze DEI in Alaska Design Professions; develop a DEI plan.

**d. Provide Administrative Support**

- Assist Department staff with reports, meeting locations, outreach program, etc.
- Collaborate with Department to answer questions from candidates and registrants.



1. Utilize and organize Onboard Resource folders so they are easily accessible.
2. Identify outreach events early to work out logistical challenges.
3. Promptly respond to administrative requests for assistance from candidates and registrants.
4. Assist in writing the Annual Report and Travel Plan.



## OBJECTIVE 2. Enforcing the licensure and competency requirements in a fair and uniform manner.

### STRATEGIES

#### **a. Protect public HSW through effective statutes & regulations**

- Analyze/update regulations to simplify and maintain Education, Experience, Examination standards
- Enforce regulations with prompt, thorough investigations
- Update (revise) statute to reflect current practices.



### 2023 PLANNED ACTIONS (3.1.2023 – 2.29.2024)

1. Complete statute changes originally identified in 2019.
2. Review applicable bylaws; work with investigator to share investigation information with registrants.
3. Work with ADEC to improve regulations and policies that overlap with AELS.
4. Work with ID working Group and others regarding Interior Design Licensure (SB73)
5. Maintain regulation project spreadsheet to track progress.

#### **b. Collaborate with design professionals & allied professions**

- Listen to concerns; address through regulations, policies.
- Interact with professional organizations on HSW matters.
- Provide ongoing review/update to Guidance Manual.



1. Update AELS historical information; incorporate applicable portions into Guidance Manual.
2. Invite design professionals to present to the board on current ideas and issues.

#### **c. Maintaining Competency through Continuing Education**

- Update CE regulations to reflect model law.
- Simplify CE reporting and licensee CE record keeping.



1. Complete the CE regulation changes.
2. Work with professional societies to make registrants aware of the new requirements.
3. Develop the “Structured Self Study Report” form.

#### **d. Provide Administrative Support**

- Empower staff to administer straightforward applications without Board review.
- Support special projects to develop knowledge base of Board past actions
- Collaborate with staff to identify board training needs and opportunities.



1. Complete regulation changes to empower staff to perform some level of application review/approval.
2. Complete statute changes to empower staff (See 2a1)
3. Review and update by-laws.
4. Review and update board member welcome packet.
5. Utilize Onboard resource folders to organize information
6. Assist Staff with FAQ for regulation projects.
7. Develop a template for annual committee reports.

# 2023 Actions


- Maintain effective Board committees & working groups (including annual review of Strategic Plan Actions)
- Review and update By-Laws
- Board training – department/infrastructure
- Should each Committee set goals/actions for the year? YES – summary report to add to the annual report
- Template for annual committee report (number of meetings, overview of topics, actions that led to regulation changes or policy changes)
- Follow the Strategic Plan! Don't add items to the workload that aren't already included in the plan!
- Make priorities –
  - Have each board member establish 2-3 preferred action items that are aligned with tasks on action items list.
  - Priority 1: Task needs to be completed w/in 30 days
  - Priority 2: Task needs to be completed before next board meeting (3 months)
  - Priority 3: Task needs to be completed within 6-12 months.



## National Organizations' Updates

For current information on the national organizations please click on the following links:

- A NCEES: [www.ncees.org](http://www.ncees.org)
- B NCARB: [www.ncarb.org](http://www.ncarb.org)
- C CLARB: [www.clarb.org](http://www.clarb.org)

Recent trade discussions between U.S. President Joe Biden and U.K. Prime Minister Rishi Sunak have resulted in the signing of the [Atlantic Declaration for a Twenty-First Century U.S.-UK Economic Partnership](#) , which includes efforts to improve mutual recognition in areas that include engineering.

As a result, the National Council of Examiners for Engineering and Surveying and the Engineering Council in the United Kingdom are beginning work to develop a mutual recognition agreement that will provide a more direct path for licensed engineers to practice in each country. More information will be shared as it becomes available.

The full text of the announcement is available [here](#) .

# The Atlantic Declaration: A Framework for a Twenty-First Century U.S.-UK Economic Partnership

1. [Home](#)
2. [Briefing Room](#)
3. [Statements and Releases](#)

Today the United States and the United Kingdom are announcing the Atlantic Declaration for a Twenty-First Century U.S.-UK Economic Partnership to ensure that our unique alliance is adapted, reinforced, and reimagined for the challenges of this moment.

Over the last century, the essential partnership between the United States and the United Kingdom has enabled us to lead together on issues of global importance. Since the signing of the Atlantic Charter in 1941, we have worked together to shape an open and rules-based international order based on our enduring support for shared values. In the New Atlantic Charter signed in 2021, we underscored and refreshed this vision. Together, we also designed an international economic architecture that has underpinned our economic strength and helped to lift millions around the world out of poverty. Our essential bilateral relationship is underpinned by the closest cooperation on defense and security, a thriving economic relationship, leadership in science and technology, and deep ties between our people and civil societies.

U.S.-UK cooperation and joint leadership is as essential today as ever – both internationally and for the security and prosperity of our people at home. To achieve this, we must keep pace with changes in the world around us and adapt our alliance to them. The global economy is undergoing one of the greatest transformations since the Industrial Revolution. Breakthroughs in innovation offer enormous potential if we can harness them to work for, not against, our democracies and security. The transition to the clean energy economies of the future is an opportunity to improve jobs and livelihoods and deepen the resilience of our economies. At the same time, the nature of national security is changing. Technology, economics, and national security are more deeply intertwined than ever before. We face new challenges to international stability – from authoritarian states such as Russia and the People’s Republic of China (PRC); disruptive technologies; non-state actors; and transnational challenges like climate change.

Over the past year, we have taken steps to deepen our unrivalled defense, security, and intelligence relationship across every theater in the globe in which we cooperate, recognizing the indivisibility of security in the Euro-Atlantic and the Indo-Pacific and other regions. We have energized our traditional alliances and built new and innovative partnerships based on deeper cooperation on technology, trade, and security. We have stood shoulder to shoulder in our resolve to support Ukraine for as long as it takes in the face of Russia’s illegal, unjustifiable, and unprovoked war of aggression and to preserve a free, independent, and sovereign Ukraine. We are committed to continuing to strengthen NATO’s ability to deter further attempts to undermine Alliance security, in support of NATO’s new Strategic Concept.

We have taken significant steps to implement AUKUS, including announcing our plans to support Australia acquiring conventionally armed, nuclear-powered submarines. Through our deeper engagement in the Indo-Pacific we are working more closely than ever before with our partners to support a free and open region. Through the U.S.-UK Indo-Pacific Dialogue we will continue to find new opportunities to coordinate our approaches, to support ASEAN and ASEAN centrality, to partner with the Pacific Islands, to coordinate on economic and technological advancement, and to contribute to regional peace and stability, including through AUKUS and expanded joint exercises and planning, including trilaterally.

Today, we are announcing the Atlantic Declaration for a Twenty-First Century U.S.-UK Economic Partnership to build on that partnership in the economic sphere. The United States and the United Kingdom resolve to partner to build resilient, diversified, and secure supply chains and reduce strategic dependencies. We remain committed to continuing to lead in the technologies of the future and advance the closest possible coordination on our economic security and technology protection toolkits to ensure that emerging technologies work for, not against, our democracies and security.

And as democratic and open societies we resolve to work together to ensure the safety, prosperity, and security of our nations and peoples while driving growth in living standards across the world.

The Atlantic Declaration and accompanying Action Plan form the basis of a new type of innovative partnership across the full spectrum of our economic, technological, commercial and trade relations; a first of its kind, and which demands our joint leadership and imagination to realize in full.

It will constitute a new economic security framework covering ever-closer cooperation on critical and emerging technologies and stronger protective toolkits. It will support the United States and the United Kingdom in our efforts to harness the energy transition and technological breakthroughs to drive broadly shared growth, create good jobs, and leave no community behind. It will explore ways to deepen our trade and investment relationship. And it will strengthen our alliance across defense, science, health security, and space – allowing us to explore increased cooperation in other areas for mutual economic benefit.

*These* are the pressing economic issues of our time. These are the issues that demand the United States and the United Kingdom to lead together.

### **Action Plan for a Twenty-First Century U.S.-UK Economic Partnership (ADAPT)**

Deep economic ties between the United States and the United Kingdom have long been a source of mutual strength. The U.S.-UK bilateral investment relationship is the largest in the world, with over \$1.5 trillion in stock supporting more than 2.7 million jobs in both countries. As we evolve our unparalleled economic relationship to reflect today's challenges, we have an opportunity to exemplify what a twenty-first century economic partnership should look like. Together the United States and the United Kingdom can lead in building a new form of economic partnership that advances economic growth and competitiveness, that builds capacity, resilience, and inclusiveness, and works for our workers and communities; works for our businesses; works for our climate; and works for our national security.

As the first steps in this new partnership, we are today announcing and taking concrete and coordinated actions to deepen this partnership across five pillars, by:

- ensuring U.S.-UK leadership in critical and emerging technologies,
- advancing ever-closer cooperation on our economic security and technology protection toolkits and supply chains,
- partnering on an inclusive and responsible digital transformation,
- building the clean energy economy of the future, and
- further strengthening our alliance across defense, health security, and space.

Senior White House and Downing Street representatives will convene biannually under the Atlantic Declaration Action Plan (ADAPT) to develop and drive forward concrete progress across the Atlantic Declaration Action Plan and ensure increasing ambition over the next months and years.

#### **1. Ensuring U.S.-UK Leadership in Critical and Emerging Technologies**

A handful of critical and emerging technologies are forming the backbone of new industries and shaping our national security landscape. These technologies include semiconductors, quantum technologies, artificial intelligence, cutting-edge telecommunications, and synthetic biology. As the home of world-leading companies and academic institutions, we are committed to ensuring the United States and the United Kingdom continue to lead across these sectors. We intend to do so by collaborating on tangible research and development joint efforts, deepening public-private dialogue across our priority technologies, jointly mobilizing private capital towards strategic technologies and by improving reciprocal talent flows. These long term initiatives are the initial steps in a long-term partnership and will fall under existing U.S.-UK frameworks, including the U.S.-UK Agreement on Scientific and Technological Cooperation, the U.S.-UK Comprehensive Dialogue on Technology and Data, and additional forums as applicable, through which we will develop and deliver a shared workplan on critical and emerging technologies, to be updated and taken forward within the next twelve months.

- **Launching collaborative work on priority technologies.** We intend to explore joint efforts and collaborative R&D in a range of critical and emerging technologies and pursue a set of initial activities, including the following:
  - Pursuing a range of **quantum technologies initiatives** to address fundamental research questions in quantum science and other initiatives to reduce barriers to U.S.-UK collaboration, such as increasing researcher and student mobility, and exploring workforce development activities to foster the exchange of people and ideas.
  - Cementing leadership by the United States and the United Kingdom in **cutting-edge telecoms** by setting out a joint vision, taking forward joint R&D projects, and deepening cooperation on technical activity in innovative 5G and 6G solutions, including more ambitious cooperation to accelerate Open RAN to market, and to increase the diversity and resilience of critical supply chains.
  - Deepening cooperation on **synthetic biology** with a view to concluding a joint workplan to drive public and private cooperation, exchanges, and joint research, developing novel applications and promoting our economic security through improved supply chain pathways for biomanufacturing and biotechnologies.
  - Exploring collaborative R&D in areas that support advanced **semiconductor** technologies, such as advanced materials and compound semiconductors, beginning in the next twelve months, and facilitating collaboration among our national research institutes.
  - Accelerating our cooperation on **AI** with a focus on ensuring the safe and responsible development of the technology.
- **Mobilizing private capital towards strategic technologies.** We intend to support the growth of companies in both countries across these critical and emerging technologies. We intend to work together to crowd in private capital to ensure companies in these areas have the ability to emerge and scale. To this end, we commit to set up a U.S.-UK Strategic Technologies Investor Council within the next twelve months. We will use this newly formed Council to bring leading investors from both sides of the Atlantic together with national security experts to analyze where funding gaps currently exist and unlock new private investment in critical and emerging technologies.
- **Facilitating reciprocal talent flows.** We recognize the need for a skilled workforce across our technology sectors. As part of meeting this objective, we leverage expertise from across the public sector, industry, and academia to advise on how we best improve U.S.-UK reciprocal talent flows. The United States welcomes funding from the United Kingdom for expansion of Marshall and Fulbright scholarships focused on science, technology, engineering, and mathematics subjects, to deepen the wider exchange of talent between our two countries.

## 2. Advancing Ever Closer Cooperation on Technology Protection, Economic Security Toolkits and Supply Chains

Many of our technology protection tools were designed for a different time, a different set of threats, and a different set of technologies. We recognize that our current regulatory frameworks related to export controls, investment screening, sanctions, and research and development security are essential tools that should correspond to a changing geostrategic and technological environment. We intend to take concrete steps to update and more closely align our respective toolkits across all these areas to prevent the leakage of sensitive and dual-use emerging technologies, and other export-controlled commodities and technologies. We will work to enhance our information-sharing mechanisms on threat information with relevant stakeholders in the policy and intelligence communities, including deepening our cooperation on investment security.

- **Addressing the national security risks posed by certain types of outbound investment.** As allies with a close and long-standing defense partnership, and as global leaders in critical and emerging technologies, we have a shared objective in preventing our companies' capital and expertise from fueling technological advances that will enhance the military and intelligence capabilities of countries of concern. We are taking steps to ensure that our respective toolkits are adequate to meet our shared objective. The United States is working to develop a targeted set of controls on outbound investments in sensitive technologies with a core national security nexus. The United Kingdom intends to complement this by swiftly engaging a range of business and financial stakeholders to develop an evidence base to assess and inform how the UK can best calibrate its actions to respond effectively to these risks and meet our shared objective. As we act according to our own respective timelines, we will

communicate clearly to the private sector regarding our joint resolve and shared objectives in this area.

- **Ensuring flexible and coordinated export controls.** Against the backdrop of a rapidly shifting and ever more sophisticated technological landscape, our toolkits must address evolving challenges. We will therefore work together to enable our respective toolkits to work in a complementary way, implementing export controls related to certain sensitive technologies, including targeting end-uses of concern, and considering our approach to tackling the challenge of intangible transfers. The United Kingdom has enhanced its capability in this area by expanding the scope of its Military End Use Controls (MEUC) regime and is progressing work – due to complete by the autumn – to understand its impact. The United Kingdom will consult later this year on updating its export control regime and consider how best to flexibly and rapidly tackle sensitive technology transfers. The United Kingdom will also consult on the targeting of end uses and end-users of concern. Building on our existing cooperation and recognising that the multilateral system faces challenges in accommodating new realities and that creative solutions are necessary, both sides will advance work and bilateral consultations in the coming months to enable deeper collaboration and ensure both our export control systems are able together to tackle the identified threats.
- **Strengthening our world-leading partnership across sanctions strategy, design, targeting, implementation and enforcement.** We will continue to coordinate our work to tackle sanctions evasion and intend to jointly target those facilitating Russia’s illegal invasion of Ukraine in Russia, Belarus, and in third countries, including those who help Russia acquire goods and technology that support Russian aggression. We intend to enhance our ability to collect, analyze, and share information and data with a financial sanctions nexus from our financial institutions and businesses, including for identification of companies and individuals financially supporting or facilitating payments to Russia’s war machine. We further intend to work closely together to protect humanitarian activity from unintended impacts of sanctions, building on our significant cooperation on the landmark UN Security Council Resolution 2664. We have implemented exceptions for humanitarian activities in our UN programs. The United States has implemented these exceptions in its autonomous sanctions programs, and the United Kingdom will take this further in its autonomous sanctions programs as appropriate. We will also continue joint work to underline that food supplies are not the target of our sanctions.
- **Reducing our vulnerabilities across critical technology supply chains.** Recent events have shown that our supply chains need to be made more resilient to geopolitical incidents, natural disasters, third country policies, economic coercion, and other possible shocks. The United Kingdom and United States recognize the strategic and shared imperative of building resilient semiconductor and other critical technology supply chains and are putting in place robust strategies to minimize disruptions. In order to further this cooperation, the United States and the United Kingdom will work bilaterally to share analysis, develop, and deepen our channels for coordination and timely consultation during critical technology supply chain disruptions and crises.

### 3. Partnering on an Inclusive and Responsible Digital Transformation

As we promote the critical and emerging technology ecosystems in our countries, we will work together to shape the policy environment around technology and enable further responsible innovation.

- **Enhancing cooperation on data.** The trusted and secure flow of data across our borders is foundational to efforts to further innovation. To that end, we have committed in principle to establish a U.S.-UK Data Bridge to facilitate data flows between our countries while ensuring strong and effective privacy protections. We are working to finalize our respective assessments swiftly to implement this framework. We also intend to coordinate to further promote trust in the digital economy, including through support for the Global Cross-Border Privacy Rules (CBPR) Forum and the OECD’s Declaration on Government Access to Personal Data Held by Private Sector Entities, and to build shared understandings on data security risks.
- **Accelerating cooperation on AI.** The United States and the United Kingdom recognize Artificial Intelligence (AI) has the potential to transform our societies and economies and share a commitment to the role of government action to unlock the opportunities and mitigate the risks arising from the rapid development of these technologies. We will accelerate our cooperation on AI with a focus on ensuring the safe and responsible development of the technology. Both nations welcome ongoing activity internationally including at the OECD, UN, Global Partnership for AI, Council of Europe, and International Standards Organisations, as well as the G7 Hiroshima AI Process, and recognize the need to go further particularly with respect to the risks and opportunities AI presents. The United States welcomes the Prime Minister’s plans to launch the first Global Summit on AI Safety, to be



hosted in the United Kingdom this year, and commits to attend at a high level. This effort, which fits with the United Kingdom's comprehensive and balanced approach to AI risks and opportunities, will bring together key countries, as well as leading technology companies and researchers, to drive targeted, rapid international action focused on safety and security at the frontier of this technology, including exploring safety measures to evaluate and monitor risks from AI. The United States has taken strong action to promote responsible innovation and is undertaking a process to advance a comprehensive approach to AI-related risk and opportunities, including comprehensive engagement with companies, research, civil society, and our allies and partners.

- **Deepening collaboration on Privacy Enhancing Technologies.** To maximize the responsible use of data, we intend to launch a Collaboration on Privacy Enhancing Technologies (PETs) that will allow us to gain more valuable insight from data and train responsible AI models, enabling economic and societal benefits, while protecting individuals' privacy and our democratic principles.

#### 4. Building the Clean Energy Economy of the Future

The United States and the United Kingdom are both committed to meeting our goals under the Paris Agreement, building a clean energy economy, strengthening resilient supply chains, and investing in our industrial bases. We share a belief that building a clean energy economy is one of the most significant opportunities to create good jobs with high labor standards. We affirm that bold investment and strategic public funding are necessary to achieve these goals. We are committed to deepening cooperation to develop and strengthen clean energy supply chains, including building diverse, resilient, and secure critical mineral and battery supply chains that reduce unwanted strategic dependencies to meet our defense, economic, energy security, and climate goals. As we pursue our national strategies, we will work to align our approaches wherever possible to make clean energy technologies more affordable for all nations and help drive a global, just, and secure energy transition for workers and communities that will leave no one behind. We are committed to making the 2020s the decisive decade for climate action, implementing our respective ambitious 2030 nationally determined contributions under the Paris Agreement, and meeting our 2050 net zero emission goals.

- **Launching negotiations on a Critical Minerals Agreement.** With congressional consultation, we intend to immediately begin negotiations on a targeted critical minerals agreement covering the five relevant critical minerals most important for electric vehicles – cobalt, graphite, lithium, manganese, and nickel – that are extracted or processed in the United Kingdom count toward sourcing requirements for clean vehicles eligible for the Section 30D clean vehicle tax credit of the Inflation Reduction Act. We intend to use these focused negotiations to ensure the consistency of our approaches on supply chain diversification and robust labor and environmental standards to support the creation of well-paying jobs with a free and fair choice to join a labor union on both sides of the Atlantic. Through our strong U.S.-UK partnership we will work towards increasing our respective and collective clean energy industrial capacity, boosting electric vehicle production and deployment, and expanding access to sustainable, secure, high-standard critical mineral and battery supply chains.
- **Partnering on a Joint Clean Energy Supply Chain Action Plan.** Today we are announcing the launch of a one-year Joint Clean Energy Supply Chain Action Plan. Through the U.S.-UK Joint Action Group on Energy Security and Affordability (the JAG), the United States and the United Kingdom will, by the end of 2023, identify and decide on near-term actions our two countries can take in parallel and together to accelerate the buildout of capacity in our countries and third countries sufficient to meet the clean energy demands of the future. We intend to conduct public-private consultations across key clean energy supply chains, including offshore wind and electric vehicle batteries, and conduct rapid stress-test exercises across key clean energy supply chains, which could form a model for future work on supply chain resilience.
- **Launching a Civil Nuclear Partnership.** Building on our unique economic and security relationship, and recognizing our complementary capabilities, we are launching a civil nuclear partnership overseen by senior officials in both governments. The JAG will also be mobilized to set near-term priorities for joint action to encourage the establishment of new infrastructure and end-to-end fuel cycle capabilities by 2030 in both continents, and substantially minimize reliance on Russian fuel, supplies, and services. Our joint activity and leadership will support and facilitate the safe, secure, and sustainable international deployment of advanced, peaceful nuclear technologies, including small modular reactors, in accordance with the highest non-proliferation standards and consistent with a 1.5 degree Celsius limit on global warming. These priorities will form the basis of a Joint Standing Committee on Nuclear Energy Cooperation (JSCNEC), which is designed to deliver on shared commitments by the end of the year and serve as an enduring bilateral forum to advance shared policy goals

across existing engagement mechanisms, including near-term actions identified through the JAG, and facilitate exchanges on new and evolving technical and policy developments regarding nuclear energy.

## 5. Strengthening our Alliance Across Defense, Health Security, and Space

We are further strengthening the U.S.-UK alliance in emerging areas with critical nexuses to economic resilience and economic security.

- **Continuing to optimize our longstanding defense cooperation.** We continue to optimize our longstanding defense cooperation and ensure that defense and technology trade and exports between our countries are as frictionless as possible, particularly as part of our efforts to enable collaboration in and between AUKUS nations. To this end, the President plans to ask the United States Congress to add the United Kingdom as a “domestic source” within the meaning of Title III of the Defense Production Act. Doing so would deepen industrial base collaboration, accelerate, and strengthen AUKUS implementation, build new opportunities for United States investment in multiple strategic sectors, and support our efforts to increase our respective and collective industrial capacity across both clean energy and key technology sectors. Together the U.S. and the UK are taking steps to streamline defense trade between our nations, including the U.S. proposal to Congress to modernize export control laws to enhance collaboration between and among AUKUS nations. The UK is also examining its export control regime to streamline the flow of defense trade among the AUKUS partners.
- **Strengthening bilateral cooperation on biological and health security.** Building on the New Atlantic Charter, we commit to strengthening bilateral collaboration between our two nations on biological security, reflecting our shared ambition to bolster future health and economic resilience against a growing and diverse spectrum of biological threats (deliberate, accidental, or natural), including drug-resistant infections. To this end, we will increase our collaboration to overcome the market failures that prevent vital research and development of anti-microbial vaccines, therapeutics, and diagnostics – via mechanisms such as the Combating Antibiotic Resistant Bacteria Biopharmaceutical Accelerator (CARB-X). We will enhance our cooperation on tackling emerging infectious disease threats with pandemic or epidemic potential and promote biosafety, biosecurity, and responsible innovation in the biotechnology and life science sectors domestically and internationally to realize the full potential of the growing bioeconomy. We reaffirm our commitment to strengthen global norms against the misuse of biology and prohibitions on the development of biological weapons.
- **Looking to the future and deepening our partnership across all sectors of space cooperation.** We recognize recent bilateral innovation in commercial space launch and are committed to further strengthening bilateral commercial space cooperation, including in the field of deep space communications. We are committed to taking tangible steps to deepen our collaboration on space sustainability and our respective regulations. The United States welcomes the close partnership with the United Kingdom on heliophysics missions and the United Kingdom’s contribution to the NASA Helioswarm mission in particular. The United States welcomes potential participation by the United Kingdom in future commercial space station concepts. The United States and the United Kingdom are committed to studying opportunities for cooperation on space nuclear power and propulsion in accordance with their respective domestic laws and consistent with international obligations and commitments.

**From:** [Elizabeth Johnston](#)  
**Subject:** Elizabeth Johnston Candidacy for NCEES President-Elect  
**Date:** Wednesday, November 1, 2023 7:56:37 AM  
**Attachments:** [image.png](#)

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**CAUTION:** This email originated from outside the State of Alaska mail system. Do not click links or open attachments unless you recognize the sender and know the content is safe.



I'm thrilled to announce my candidacy for the position of President-Elect of the National Council of Examiners for Engineering and Surveying (NCEES). I'm presenting my vision for our organization and the professions it serves and hope for your support.

Throughout the years, NCEES has played a pivotal role in promoting excellence in engineering and surveying. It has consistently set high standards, ensured professional competence, and safeguarded public safety. Looking ahead, I believe there's an incredible opportunity for us to have an even greater impact.

My professional journey has been marked by an unwavering commitment to professionalism and innovation. I've practiced as an Electrical Engineer and Fire Protection Engineer, served my professional society the IEEE at all levels, chaired the Alaska Board, served NCEES Chairing the Exam Policies & Procedure Committee, and served the Western Zone as Assistant Zone VP. I've seen the challenges and opportunities our professions face and have been a strong advocate for ethical practices, continued education, and technological advancement in our fields.

As President, I will be committed to the following key priorities:

1. **Enhancing Licensure Standards:** We will maintain the highest licensure standards, adapting to the evolving needs of our professions while maintaining our commitment to public safety.
2. **Advocating for the Professions:** We will actively engage with policymakers, industry leaders, and the public to emphasize the vital roles engineers and surveyors play in shaping the future.
3. **Building Capacity & Fostering Collaboration:** I am dedicated to providing training and resources to member boards and strengthening collaboration with our zones, member boards, partners, sister societies, and stakeholders to ensure NCEES continues to be a global leader in our field.

With your support and trust, we can focus on these priorities and shape the future of engineering and surveying for the better. I look forward to working closely with each of you to drive positive

change within our organization and the professions we represent.

Thank you for considering my candidacy, and I am eager to hear your thoughts, ideas, and feedback as we move forward. Please feel free to reach out to me at [lise.johnston@ieee.org](mailto:lise.johnston@ieee.org) with any questions or suggestions.

Thank you for your consideration, and thank you to the Alaska Board for nominating me,

**Elizabeth Johnston, PE, FPE Candidate for NCEES President-Elect**

## PATHWAYS TO PRACTICE

### NCARB Statement Endorsing Multiple Paths to Licensure

The NCARB Board of Directors has adopted the following statement as a call to action and recognition of NCARB's essential role as a thought leader regarding the evolution of architectural licensure.

- NCARB encourages all of its licensing jurisdiction members to explore the concept of “many paths/one goal” for both initial and reciprocal licensure by recognizing multiple combinations of experience and examination, with or without various iterations of higher education, as sufficient qualifiers. This augments the traditional path involving accredited education.
- The experience-examination pathway (with or without various iterations of higher education), as utilized in 48 jurisdictions for reciprocal licensure and 17 jurisdictions for initial licensure, can and should be expanded as a legitimate path for initial licensure across the U.S. To facilitate this endorsement, NCARB is developing “interim guidance” for jurisdictions already in the process of laying the groundwork for regulatory revision. The Council intends to apply a prudent approach that preserves necessary rigor while respecting the legal authority of its member jurisdictions and continuing its support of accredited education as one significant licensure pathway.

### Overview – The Basis and Argument for Endorsing Multiple Paths

Over the past several years, NCARB has been both developing and advocating for multiple paths to architectural licensure. We recognize that for most architects, licensure via a degree from a program accredited by the National Architectural Accrediting Board (NAAB) is the most often utilized path. However, roughly 15% of architects, over 18,000 in total, have achieved licensure through other pathways. While the NAAB accreditation path represents the most frequently used pathway, we are committed to recognizing other paths as part of a “multiple paths to licensure” system.

We believe it is imperative to provide pathways with the potential to reduce candidates' costs, eliminate the social and fiscal impediments attached to a single path, and improve access to the profession for traditionally underrepresented groups. Equally important is to remove unnecessary barriers and ensure the various pathways are afforded appropriate value and not categorized as merely “alternative” or somehow lesser than or secondary to the most frequently accessed path of a NAAB-accredited program.

## Policy and Programmatic Background

Catalysts for diversifying licensure pathways date back over a decade and are evident both in existing programs and policies adopted by the Council and its jurisdictional member licensing boards and in the evidence demonstrated by our own data analytics. Of significant note is the analysis provided since 2012, with NCARB’s annual data insights on the path to licensure in NCARB by the Numbers. This annual publication has tracked trends among the licensing candidate community and has shed light on the lengthy time to licensure, disparity regarding the racial and gender makeup of the licensed community, and issues of equity and access that necessitate paths outside of accredited education. Programmatic evolution has occurred concurrently during this same time period.

- In 2014 and 2016, NCARB expanded its methods for fulfilling the Architectural Experience Program® (AXP®) requirement to support situations when life circumstances required a career delay or postponement:
  - 2014: Partial credit became available for hours worked beyond the six-month reporting period, allowing candidates to report experience up to five years old.
  - 2016: The AXP Portfolio launched, allowing for the submission of a candidate’s work in lieu of recorded hours, including work over five years old.
- In 2015, to create a faster track to licensure for motivated students, NCARB launched the Integrated Path to Architectural Licensure (IPAL). This initiative invites NAAB-accredited programs to integrate their curriculum to enable students to fulfill the AXP requirement by gaining work experience in firms and take each division of the Architectural Registration Examination® (ARE®)—all before graduation. Rethinking the licensure path as concurrent rather than sequential provides an option for those interested in reducing the time to licensure. Today, 6 B.Arch. and 26 M.Arch. programs at 27 schools are IPAL participants.

Similarly, NCARB has also been pursuing multiple pathways for post-licensure certification. For several decades, the NCARB Certificate—which provides mobility across state boundaries via reciprocal licensure—has included an eligibility path for those licensees who do not hold a degree from an academic program accredited by the NAAB. First introduced as the Broadly Experienced Architect (BEA) Program involving an interview and portfolio review, NCARB has evolved this path into a more efficient and cost-effective program that minimizes fees and portfolio reviews:

- In 2017, NCARB revised the path to become NCARB certified, sunsetting the BEA program and, in its place, offering two paths for those without a degree from a NAAB-accredited program: the “Two Times AXP” path for architects with an architecture-related undergraduate degree to fulfill the education requirement for NCARB certification by

recording twice the experience hours required for AXP in lieu of a degree from a NAAB-accredited program; and a digital version of the interview and portfolio review for those with an unrelated degree, some post-high school education, or only a high school degree. This digital portfolio path eliminated extra fees and moved reviews from a full committee to two independent reviewers, significantly reducing time and cost.

- In 2021, NCARB's Model Law Task Force issued updates to its guidance document for jurisdiction reference and adoption/adaptation that more clearly acknowledged qualifications for licensure through non-accredited education programs or experience in lieu of education.

### Current and Ongoing Efforts

Nearly one-third of U.S. jurisdictions (including some of the most populous states) have codified multiple opportunities to fulfill education requirements for many years. As NCARB explores additional approaches to expand this concept, we are inviting the greater architectural community to join us in this important conversation.

- NCARB has publicly called for a feasibility study for a 4-year accredited degree option instead of 5 years, since NAAB core requirements could be feasibly delivered within a 4-year time frame.
- After several years of dialogue with the Coalition of Community College Architecture Programs (CCCAP), NCARB has launched a new initiative to more formally recognize the value of two-year associate degrees, as well as non-degree education, provided through community colleges. Through campus outreach to students and faculty, along with analysis by staff and volunteer committees, NCARB intends to more formally integrate community college education into its licensure toolkit in the coming years.
- Two NCARB task forces, established in 2022, are addressing the twin areas of competency and licensure process research and development to consider an evolved licensure toolkit. Utilizing the 2022 Analysis of Practice data, this work (expected to conclude in the next two to three years) will propose a new licensure framework that more fully integrates multiple paths, respects the diversity of applicants, and considers different methodologies for demonstrating competence to practice.
- NCARB is conducting a deeper dive into the experience-only pathway to licensure by convening a new work group analyzing workforce readiness criteria to support candidates who will follow that approach to licensure.

In the meantime, NCARB continues to revise its existing programs to improve access to licensure. Recent actions include removing administrative impediments, replacing the examination expiration policy known as the five-year rolling clock with a new examination validity policy, adding English as a Second Language (ESL) as an extra time accommodation for examinees, and providing a first-ever suite of free, full-length practice examinations with content and scoring that simulates the actual examination experience. These augmentations to NCARB programs have resulted in a significant increase in the exam pass rates of licensure candidates from underrepresented groups.

Our journey to the exciting and essential next steps will, by necessity, require scores of volunteers and an ongoing partnership with the 55 jurisdictional members of NCARB. While NCARB can and will adopt some programmatic changes through its existing processes, our desired future state can only be fully achieved with the full support of appointed jurisdictional board members, the greater architectural community, and in many cases, elected legislators. Thus, we encourage dialogue throughout this process as we continue to pursue regulation that remains both rigorous and reasonable, as well as inclusive and equitable.



# Agenda Item 4

## Consent Agenda

- A. Item 1: Meeting Minutes
  - 1. August 28<sup>th</sup>
  - 2. May 2<sup>nd</sup>
- B. Item 2: Outreach Reports
  - 1. 8/2023 NCEES Annual Business Meeting  
Fritz/Johnston/Maxwell
  - 2. 9/14/2023 UAA College of Engineering Celebration of  
ABET accreditation – Leman
  - 3. 9/15/2023 UAA College of Engineering Student Showcase  
– Leman
  - 4. 9/2023 CLARB Annual Business Meeting – Leonetti
- C. Item 3: Outgoing Correspondence
  - 1. 9/14/2023 – Paul Davis  
RE: Engineering documents not requiring seals
  - 2. 9/14/2023 - Commissioner Anderson  
RE: Removing 12 AAC 36.990(44)(F)
  - 3. 9/14/2023 – Sava White  
RE: 12 AAC 36.145 “Regularly Employed: - needs revision
  - 4. 10/20/2023 -NCEES Nomination Committee  
RE: Nominating Elizabeth Johnston for president-elect

All items have documents included

A. Item 1: Meeting Minutes

1. August 28<sup>th</sup>
2. May 2<sup>nd</sup>

Alaska Board of Registration for Architects, Engineers, and Land Surveyors

**Motion & Roll Call Sheet**

Made by: \_\_\_\_\_

Date: Nov 14, 2023 Time: \_\_\_\_\_

Seconded by: \_\_\_\_\_

**MOTION**

I move to approve the consent agenda as presented in the November 14<sup>th</sup>-15<sup>th</sup> AELS board meeting

**PASSES UNANIMOUSLY?** Yes\_\_\_\_ No\_\_\_\_

**PASSES by ROLL CALL?** Yes\_\_\_\_ No\_\_\_\_

<b>Roll Call Vote</b>	<b>Yes</b>	<b>No</b>	<b>Abstain</b>
Bell	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cole	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fritz	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Garness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Johnston	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leman	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leonetti	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Maxwell	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rozier	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Strait	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wallis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Amendment by: \_\_\_\_\_

DEPARTMENT OF COMMERCE, COMMUNITY, AND ECONOMIC DEVELOPMENT  
 DIVISION OF CORPORATIONS, BUSINESS AND PROFESSIONAL LICENSING  
**BOARD OF REGISTRATION FOR ARCHITECTS, ENGINEERS, AND LAND SURVEYORS**

**CONDENSED MINUTES OF THE MEETING HELD AUGUST 28, 2023**  
*These are DRAFT minutes prepared by staff of the Division of Corporations, Business and Professional Licensing. They have not been reviewed or approved by the Board.*

Date:	August 28, 2023
Time:	8:30am – 5:30pm
Location:	University of Alaska Anchorage – EIB 413
Attending:	Board Members: Catherine Fritz, Jeff Garness, Ed Leonetti, Bob Bell, Elizabeth Johnston, Loren Leman, Jake Maxwell, Sterling Strait, Fred Wallis Board Staff: Sara Neal, Kelly Johnson / Division Staff: Sylvan Robb, Patrick Kase, Alison Osborne, Stefanie Davis Public Attendees: Aaron Blaidsell, Jesse Escamilla, Colin Maynard, Kevin Garcia, Roy Robertson, Leslie Daugherty, Chris Miller, Mark, Martha Myers (zoom bombed the meeting), Pearl-Grace Pantaleone, Joann Mitchell, Leah Boltz, Katherine Wood, Karin McGilluray, Lisa Anglen
Absent:	Excused - Randall Rozier, Brent Cole

**1. Call to Order / Virtual Notice**  
**Roll Call: Bob Bell, Jeff Garness, Elizabeth Johnston, Loren Leman, Ed Leonetti, Jake Maxwell, Sterling Strait, Fred Wallis**

**2. Review / Amend / Approve Agenda**

<b>Motion:</b> <i>Agenda</i>	In a Motion made by Ed Leonetti, seconded by Elizabeth Johnston and approved unanimously, it was:  <i>RESOLVED to approve the agenda for August 28<sup>th</sup>, 2023, as amended by adding agenda items 17-A and 15G &amp; H</i>
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**3. General Information – Mission Statement / Virtual Meeting Code of Conduct / Strategic Plan / National Organization Updates – No discussion required**

<b>Motion:</b> <i>CLARB ABM voting delegate</i>	In a Motion made by Elizabeth Johnston, seconded by Sterling Strait and approved unanimously, it was:  <i>RESOLVED to approve Ed Leonetti to be AELS’s voting delegate for the 2023 CLARB Annual Business Meeting.</i>
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**4. Consent Agenda – Items 1-6**

- A. Item 1: May 10-11 meeting minutes
- B. Item 2: Outreach Reports
  - 1. Strait – 5/17/2023 – SEAKK lunch meeting
  - 2. Fritz / Rozier – 5/20/2023 Board update for AIA
  - 3. Bell
    - 6/19/2023 – Rep. Tom McKay RE: AELS board composition and other issues
    - 6/27/2023 – AELS SB126 signing with Governor Dunleavy, Leman and Garness.
- C. Item 3: Annual Report
- D. Item 4: CE Audit Report
- E. Item 5: Outgoing Correspondence
  - 1. 5/10/2023 – Senate Labor and Commerce Committee RE: SB73 CS D
  - 2. 6/1/2023 – Sean O’Neill RE: Special request for consideration for LS Education
  - 3. 6/1/2023 – Robert Lumpkin RE: Ethics question on signing surveys
  - 4. 6/28/2023 – Nolan Willis RE: Industrial Exemption Statute
  - 5. 6/28/2023 – G. John Sorenson RE: Use of Seal as Art
  - 6. 7/7/2023 – UAA Community Technical College RE: Approval of ESA411

<ul style="list-style-type: none"> <li>7. 7/7/2023 – UAA College of Engineering RE: Approval of ES AC030 and CE A403/603</li> <li>8. 7/7/2023 – UAF College of Engineering and Mines RE: Approval of CE401</li> <li>9. 7/7/2023 – UW – Professional &amp; Continuing Education RE: Approval of CRE Short Course</li> <li>10. 7/7/2023 – UAA Community Technical College RE: On Demand Cold Regions Design Course</li> <li>11. 7/7/2023 – UAA College of Engineering RE: On Demand Cold Regions Design Course</li> <li>12. 7/7/2023 - UAF College of Engineering and Mines RE: On Demand Cold Regions Design Course</li> <li>13. 7/7/2023 - UW – Professional &amp; CE RE: On Demand Cold Regions Design Course</li> <li>14. 8/21/2023 – Senate Finance Committee RE: SB73 CS D</li> </ul> <p>F. Item 6: Incoming Correspondence</p> <ul style="list-style-type: none"> <li>1. 2023.5.23 – Steven Arndt – ANS RE: PE Nuclear Engineering Exam</li> <li>2. 2023.5.24 – David Cox – NCEES RE: PE Nuclear Engineering Exam</li> <li>3. 2023.6.27 – Governor Dunleavy RE: Signing of SB126</li> </ul>	
<p><b>Motion:</b> <i>Consent Agenda</i></p>	<p>In a Motion made by Elizabeth Johnston, seconded by Sterling Strait and approved unanimously, it was:  <i>RESOLVED to approve the consent agenda as presented in the August 28<sup>th</sup>, 2023, AELS board meeting.</i></p>
<p><b>5. Ethics Reporting</b></p>	
<p>Johnston will be serving as the 2024 NCEES Western Zone Assistant Vice President and on the NCEES Exam Policy and Procedures Committee with no cost to the board. Garness discussed ADEC’s 18AAC72 changes with Representative Mears but made it clear that he was not speaking on behalf of the AELS Board.</p>	
<p><b>6. Review Public Comments and final Board review for Regulation Projects</b></p>	
<p>A. CE Regulations – The board reviewed the public comments that were submitted regarding the removal of the carry-forward hours (12AAC 36.510(e)), clarification on the addition 12AAC 36.520(a 7) of earning “8 hours annually” of business or ethics related courses and the addition of 12AAC 36.530(e) which provides an exemption for those who have been registered for 30 years or more.</p>	
<p><b>Motion:</b> <i>Adopting CE Regulation as proposed and amended</i></p>	<p>In a Motion was made by Bob Bell, seconded by Elizabeth Johnston to adopt the proposed regulations in Chapter 36, Article V</p> <p>Ed Leonetti, seconded by Loren Leman, amended the motion to recommend adding back in the ability to carry-forward 12 hours 12AAC 36.510(e). It failed via roll call vote. Yes: Leman, Leonetti, Strait / No: Bell, Garness, Johnston, Maxwell, Wallis, Fritz</p> <p>Elizabeth Johnston, seconded by Loren Leman, amended the motion to remove the word “annually” in 12AAC 36.520(a 7) so that it reads “<i>eight professional development hours may be credited for successfully completing</i>”. The amendment was approved via roll call vote. Yes: Leman, Leonetti, Maxwell, Strait, Fritz / No: Bell, Garness, Johnston, Wallis</p> <p>Elizabeth Johnston amended the motion to remove 12AAC 36.530(e) which provides an exemption for those who have been registered for 30 years or more. The motion did not go forward due to no second.</p> <p>Elizabeth Johnston, seconded by Loren Leman, amended the motion to change 12AAC 36.530(e) to require 45 years or more instead of 30 years or more. It failed via roll call vote. Yes: Johnston, Leman, Strait / No: Bell, Garness, Leonetti, Maxwell, Wallis, Fritz</p> <p>The main motion made by Bob Bell, seconded by Elizabeth Johnston, to adopt the proposed regulations in Chapter 36, Article V as proposed and amended was approved unanimously via roll call vote. Therefore, it was, <i>RESOLVED to adopt the proposed regulations in Chapter 36, Article V, with consideration to public comments received and cost to private persons as proposed and amended in this meeting.</i></p>
<p><b>Motion:</b> <i>Approve Carry-over hours from the last renewal be</i></p>	<p>In a Motion made by Loren Leman, seconded by Elizabeth Johnston, and approved unanimously via roll call vote, it was:</p>

<p>allowed in the upcoming audit</p>	<p><i>RESOLVED to approve that CE carry-over hours that were declared during the last renewal cycle be allowed to be part of registrants' CE documentation during the upcoming audit.</i></p>
<p>B. SE and Mentorship – The board reviewed the public comments that were submitted regarding the mentoring process. No public comments were received on the other proposed regulation process.</p>	
<p><b>Motion: Adopting SE, Mentoring, and Misc. Regulations.</b></p>	<p>A Motion was made by Sterling Strait, seconded by Elizabeth Johnston to adopt the proposed regulations in Chapter 36 .063, .067, .075, .100, .104, .105, .107, and .990</p> <p>Elizabeth Johnston, seconded by Fred Wallis, amended the motion to change 12AAC 36.063(j) to remove the text “video conferencing”. It failed via roll call vote. Yes: Johnston, Wallis / No: Bell, Garness, Leman, Leonetti, Maxwell, Strait, Fritz</p> <p>The main motion made by Sterling Strait, seconded by Elizabeth Johnston, to adopt the proposed regulations in Chapter 36 .063, .067, .075, .100, .104, .105, .107, and .990 was approved unanimously via roll call vote.</p> <p>Therefore, it was,  <i>RESOLVED to adopt the proposed regulations in Chapter 36, .063, .067, .075, .100, .104, .105, .107, and .990, as proposed in this meeting with consideration to public comments received and cost to private persons.</i></p>
<p><b>7. Division Report</b></p>	
<p>A. Special consideration for military licensure  Director Robb shared that the temporary military legislation that passed two years ago was slightly different than what was passed at the federal level which mandates that military and military spouses be granted a temporary license within 30 days. The Governor introduced universal temporary licensure in HB85 and SB83, but AELS was not included in those bills. The division amended both of those bills with the necessary statute changes to comply with the federal legislation. The Department of Defense issued a notice that said military spouses could take advantage of the new legislation now. However, the federal government, did not take into consideration that states would need time to make statutory changes. The Division’s Department of Law is reviewing whether we can wait for HB85 and SB83 to pass or if something more immediate needs to be done. Robb will keep the AELS Board informed on how it will need to proceed.</p> <p>B. EA Salary  As soon as session was done in May, Director Robb submitted a request to have a class study done on the Executive Administrator for the Board of Registration for AELS which requires getting approval from the Office of Management and Budget (OMB). Once the approval has been received from OMB, the class study will start and should not take long since it is just involving one position.</p> <p>Misc: Robb also shared that the request to have investigative fees come from the general fund instead of from license fees was denied for FY24. The Governor did approve 12 new positions for the Division which will help with processing times and customer service. Sara Chambers is working on developing board training which will be advertised soon. Robb took the opportunity to thank the board for their service.</p>	
<p><b>8. Break</b></p>	
<p><b>9. Application Review Questions</b></p>	
<p>A. Wayne Pence – Leman was not sure all the experience allotted for responsible charge met the definition of responsible charge experience. He needs more information from the verifier before he can make the decision on whether the experience meets the requirements. Bell and Johnson reviewed the application as well and agree with Leman.</p> <p>B. Timothy Tennis – SE applicant by exam and had a verifier who is a CE in Oregon. The applicant designs bridges which does not require an SE license in Oregon. 12AAC36.063(c)(1) to receive full credit for responsible charge experience, an applicant must gain responsible charge experience while under the responsible control of a professional engineer registered in the United States in the branch of engineering for which the applicant has applied; the board will determine the amount of credit given for responsible charge experience gained under the responsible control of a professional engineer registered in the United States in another branch of engineering based on the comparability with the branch of engineering to which the applicant has applied</p>	

<p><i>Motion: Approve Timothy Tennis to sit for the SE exam.</i></p>	<p>In a Motion made by Sterling Strait, seconded by Loren Leman, and approved unanimously via roll call vote, it was:</p> <p><i>RESOLVED to approve Timothy Tennis’s application to sit for the SE exam</i></p>
<p>C. Nickolas Rodes – Applicant is applying SE by Comity but has no active SE license in Washington. His exams have not been verified on NCEES. Washington typed the exams in the notes which is not considered a verification. Strait pointed out that the regulations state that they must have “a license” and does not state they have to have an SE license</p>	
<p><i>Motion: Conditionally Approve Nickolas Rodes for SE registration</i></p>	<p>Elizabeth Johnston, seconded by Bob Bell, made a motion to conditionally approve Nickolas Rodes by comity with the requirement that he provides an active verification of an SE license from another jurisdiction and verification of exams before licensure. It failed via roll call vote. Yes: Bell, Johnston, Wallis / No: Garness, Leman, Leonetti, Maxwell, Strait, Fritz</p> <p>In a Motion made by Sterling Strait, seconded by Jeff Garness, and approved via roll call vote, it was:</p> <p><i>RESOLVED to conditionally approve Nickolas Rodes with the requirement a verification of exams before licensure is submitted.</i></p> <p>Yes: Bell, Garness, Johnston, Leman, Leonetti, Maxwell, Strait, Fritz / No: Wallis</p>
<p><b>10. Licensing Examiner’s Report</b></p>	
<p>Johnson talked the board through the report pointing out some new features added to the report. Fritz asked that nuclear engineer be added to the report. Maxwell asked for a total active licensees’ column for each year.</p>	
<p>A. Update on staff approval process – Neal shared with the Board how the staff approval policy was implemented during the months of June and July. She wanted the Board to decide on the following two items: 1) whether the board wants staff to approve eligible applicants during the month of a board meeting and 2) whether the board wants staff to conditionally approve applicants who meet the staff approval policy except that they are missing the cold regions design course and/or the JQ. Two applicants were pulled from the July review because they did not have the MLE or MLSE designation. All these items will be discussed and voted on under new business this afternoon.</p>	
<p><b>11. Regulation Projects in Process</b></p>	
<p>A. Projects with DOL</p> <ol style="list-style-type: none"> <li>1. LA 12AAC36.068 – Leonetti shared that this project is bringing the regulation into compliance with CLARB’s Uniform Standard, and it is almost ready for public notice.</li> <li>2. Digital Signature – 12AAC36.185 – this will be added into the regulation project to change Chapter 36 to comply with SB126</li> </ol> <p>B. Responsible Charge – Leman, Garness – the board has a task to review the committee report and send all comments in by September 15<sup>th</sup>. Leman and Garness will make their recommendations to the Guidance Manual Committee.</p> <p>C. Architectural Engineering – Johnston, Legislative Liaison Committee – Johnston presented to the board her findings on the practice of architectural engineering. Many states accept the Architectural Engineering (AE) PE exam, but do not license the discipline. States that do license the discipline have different titles such as Building Systems Engineer or Buildings Engineer. The next step would be to write a scope of practice for architectural engineering after surveying what other states use for the definition. The AE exam is comprised of questions on electrical systems, mechanical systems, structural engineering, and project management. The exam does not go deep enough on any discipline to license a person in that discipline so an applicant with only an AE PE exam has no pathway to licensure in Alaska.</p>	

## 12. Public Comment

Aaron Blaidsell, LS registrant from Washington, who applied during this board meeting for land surveyor registration wanted to share that having to wait for the board meeting to have his application reviewed seemed to bog down the process. He said he would like to take advantage of the opportunity of taking the AKLS in his state board's office instead of traveling to Alaska.

Colin Maynard expressed his disappointment that the board approved a more lenient regulation for SEs coming from out of state than SEs in the state applying to take the exam. In state exam applicants will have to have passed a PE exam while comity applicants will not have that requirement. Because over 100 bridges collapsed in the 1964 earthquake and 20 bridges were damaged in the 2018 earthquake, Maynard, in response to the letter from DOT, disagrees with DOT and does think bridge design should require an SE license.

Chris Miller – State Fire Marshall rejected drawings for a project from his firm done by an architect for a wooden structure. The note said that the plans need stamping by the appropriate engineer for the building's foundation and systems and cited the AELS statute pertaining to "design of minor importance."

Leslie Daugherty (DOT)– wanted to make herself available for the board to answer any questions regarding the DOT letter asking that the requirement for bridge design be done by an SE be removed. She stated in response to Maynard's comment that bridge design has improved dramatically since the 1964 earthquake. The SE exam questions on bridges are on bridges that are not designed in Alaska. All new DOT employees would have to be trained in designing bridges in Alaska regardless of what exam they passed.

Jesse Escamilla (DOT) – added onto what Daugherty shared by stating that seismic engineering has fundamentally shifted from forced based to displacement based. Damages caused by the 2018 earthquake were controlled failures. DOTs bridge inventory is performing excellently.

## 13. Outreach Event - SMPS

## 14. Old Business

A. ADEC Regulatory Changes – Leman / Garness  
DEC's regulations have been signed into law and will go into effect on October 1<sup>st</sup>. AELS is waiting for DOL to issue their opinion as to how DEC's regulations do not conflict with AELS's statutes and regulations.

B. ADEC Record Drawings – Leman / Garness

*Motion to approve Record Drawings section for the Guidance Manual*

A Motion was made by Loren Leman, seconded by Jeff Garness, to adopt the records drawings section for the Guidance Manual as presented by the Guidance Manual Committee

Jeff Garness, seconded by Elizabeth Johnston, amended the motion to change the uses of "design professional" in the record drawings section to the term "registrant." It was approved unanimously.

Ed Leonetti, seconded by Jeff Garness, amended the motion to remove the phrase "*which may be different from what was originally designed and approved for construction*" from the first sentence of the first paragraph of the record drawings section. The motion passed in a 8-1 vote. Yes: Bell, Garness, Johnston, Leonetti, Maxwell, Strait, Wallis / No: Leman

The main motion made by Loren Leman, seconded by Jeff Garness, to adopt the records drawings section for the Guidance Manual as presented by the Guidance Manual Committee and amended in today's meeting was approved unanimously.

Therefore, it was,

*RESOLVED to adopt the records drawings section for the Guidance Manual as presented by the Guidance Manual Committee and amended in today's meeting*

C. NCEES establishing testing center in Juneau – Strait

Based on the number of examinees from the Southeast, NCEES said they cannot open a testing center in Juneau. Strait has asked UAS to see if they would be willing to let their testing center be used as an NCEES testing site. He has not received a response from UAS at this time.

D. Revising 12AAC 36.145 RE: what defines an office – Johnston / Garness / Wallis



<p><i>Motion: Regulation project on 12AAC36.145</i></p>	<p>In a Motion made by Elizabeth Johnston, seconded by Jeff Garness, and approved unanimously via roll call vote, it was:</p> <p><i>RESOLVED to start a regulation project to review and make appropriate recommendations for changes to 12AAC36.145.</i></p>
<p>E Document retention – Johnston / Garness Cole is reviewing Alaska’s Statute of Repose in AS 09.10.055, which limits how long the design professional is held responsible to 10 years after the construction is completed, to see if AELS needs to make reference to this statute in its regulations or if putting this in the Guidance Manual would suffice.</p>	
<p><b>15. New Business</b></p>	
<p>A. Impacts from SB126 – Adding LP’s and changing EA title, number of references on applications – Fritz / Neal Motion Required The board reviewed the regulation changes needed as a result of SB126 passing on June 27, 2023. The Board also discussed whether reference should be required on the applications with SB126 eliminating the requirement in statute for the five references. The board was unanimous in its desire to have applicants provide references. Fritz asked the board to consider whether the references should be required in regulation or adopted by policy. It was decided that Bell and Wallis look into the topic and report back to the board in November how many references should be required and the expectation of how the Board would use the references.</p>	
<p><i>Motion: Approve regulation changes due to SB126, LA exam, and repeal duplicate certificates.</i></p>	<p>In a Motion made by Elizabeth Johnston, seconded by Ed Leonetti, and approved unanimously via roll call vote, it was:</p> <p><i>RESOLVED to approve the regulation changes to Chapter 36 to comply with the changes made in AS 08.48 due to SB126, to allow for Landscape Architect applicants to sit for the exam right after completing a LAAB accredited degree, and to repeal the printing of duplicate license certificates as presented in the August 28th board meeting that will also incorporate the digital signature regulation change previously approved for public notice pending approval by the Department of Law</i></p>
<p><i>Motion: Approve references on applications Tabled until Nov 2023.</i></p>	<p>A motion was made by Catherine Fritz, seconded by Jeff Garness, to develop a policy to require on applications two references which are registered in the discipline for which the applicant is applying.</p> <p>Elizabeth Johnston, seconded by Loren Leman, amended the motion to require five references, three of which are registered in the discipline for which the applicant is applying.</p> <p>Ed Leonetti, seconded by Jeff Garness, asked to table the motion until the November 2023 Board meeting at which time guidance will be provided by the ad hoc committee as to how many references should be required and the expectations for how to use the references. Tabling the motion was unanimously approved.</p>
<p>B. Staff approval policy - MLE and MLSE designation on NCEES records – Johnston</p>	
<p><i>Motion to approve adding the MLE, MLSE, and MLS designation to the staff approval policy.</i></p>	<p>In a motion made by Elizabeth Johnston, seconded by Fred Wallis, and approved via roll call vote it was</p> <p><i>RESOLVED to add the requirement to the staff approval policy for engineers to have the NCEES Model Law Engineer (MLE) designation, structural engineers to have the NCEES Model Law Structural Engineer (MLSE) designation and for surveyors to have the NCEES Model Law Surveyor (MLS) designation.</i> <i>Yes: Bell, Johnston, Leman, Maxwell, Wallis / No: Garness, Leonetti, Strait, Fritz</i></p>
<p><i>Motion to approve staff review each month.</i></p>	<p>In a motion made by Sterling Strait, seconded by Elizabeth Johnston, and approved unanimously, it was</p> <p><i>RESOLVED to have staff conduct staff review of qualifying comity applicants under the staff approval policy each month.</i></p>

<p><i>Motion to approve staff conditionally approving</i></p>	<p>In a motion made by Sterling Strait, seconded by Jeff Garness, and approved unanimously, it was <b>RESOLVED</b> to allow staff to conditionally approve qualifying comity applicants under the staff approval policy who are only missing the cold regions design course and/or the Jurisprudence Questionnaire.</p>
<p>C. Length of board meetings – Fritz The board discussed the following options: 1. 2 day meetings – committee meetings one day, board meeting the next or 2.1- and 2-day meetings throughout the year depending on amount of board business. Fritz reminded the board that the length of the meetings is a direct result of the tasks the board wants to work on. Leonetti suggested that the agenda items in the board packet have more explanation so board members can be better prepared for each meeting.</p> <p>D. Website Content- Neal Neal, Johnson, and Strait will work together along with the publication team to update the content and look of the AELS website throughout this next year.</p> <p>E. DOT&amp;PF Significant structure – request to remove 12AAC36.990 (44)(f) For both this agenda item and 15(G), Strait recommends that the Board consider their request by forming a work group to discuss the issues. Fritz asked that Strait and Leman along with two industry experts for a working group to review 12AAC36.990(44)(f) and report to the board within one year’s time with their recommendations.</p> <p>F. Paul Davis – What documents are exempt from stamping? This letter was referred to the Guidance Manual Committee to respond to Mr. Davis.</p> <p>G. DOT&amp;PF – SE Exam / request to remove 12AAC36.990 (44)(f) This matter was addressed in agenda item 15(F)</p> <p>H. Sava White – 36.145 – “Regularly employed” This matter was addressed in agenda item 14(D)</p>	
<p><b>16. Break</b></p>	
<p><b>17. Committee Reports</b></p>	
<p>A. Investigative Advisory Committee – Leonetti</p> <ol style="list-style-type: none"> <li>1. Investigative Report – Kase</li> <li>2. Discipline Matrix – Motion required –</li> <li>3. Review of top 3 license actions to develop newsletter articles for</li> <li>4. Possible committee to investigate what AELS’s role is enforcing its statutes and regulations with local government and other state agencies - the Board is going to wait until the November meeting and discuss under Old Business before forming a work group or committee.</li> </ol>	
<p><i>Motion: Approve Discipline Matrix</i></p>	<p>In a motion brought to the Board by the Investigative Advisory Committee and approved unanimously, it was <b>RESOLVED</b> to approve the updated disciplinary matrix.</p>
<p>B. Outreach Committee – Maxwell</p> <ol style="list-style-type: none"> <li>1. Flowchart of application process</li> <li>2. 2024 Newsletter Articles Pearson Vue Testing Centers, CE Structured Self-study Report, State Fire Marshal – Lloyd Nakano, Top Three Violations from Investigations, COA Write-up, Responsible Charge Articles needed in draft form for November Board meeting</li> <li>3. November outreach event APDC Board and AIA Board– presentation on the CE regulation changes – Education Committee</li> </ol> <p>C. Guidance Manual Committee</p> <ol style="list-style-type: none"> <li>1. Record drawings paragraph – this was approved in agenda item 14(B)</li> <li>2. Define HSW for Board Policies and Historical Information – will be done in November</li> <li>3. Completed CE Structured Self-study report for example and compile a list of possible professional and technical societies. – will be done in November</li> <li>4. Define responsible charge experience and identify areas where it is appropriate to use – will be done in November</li> <li>5. Digital signature – will be done in November</li> </ol> <p>D. Legislative Liaison Committee – Leman</p>	

1. SB 126 – Leman, Garness, and Bell attended the bill signing. Neal will contact the Governor’s office to see about getting the picture of the signing.
  2. EA Salary Issue – this was discussed under the Division Report – agenda item 7
  3. SB 73 update – Fritz – The ID working group will possibly start meeting again in mid-October.
- E. Education Committee - Johnston
1. On demand Cold Regions Design course
  2. Assist with CE regulations presentation

**18. Review Action Item List**

*Motion: Approve “degree earned outside the United States.”*

In a Motion made by Sterling Strait, seconded by Bob Bell, and approved unanimously via roll call vote, it was:

*RESOLVED to approve the regulation changes in 36.063(b) and 36.065(e) changing “applicant with a foreign degree” to “applicant with a degree obtained outside the United States” for public notice pending approval by the Department of Law*

**19. Read Applicants into the Record**

*Motion: Approve comity applicants*

In a motion made by Ed Leonetti, seconded by Sterling Strait, and approved unanimously, it was

*RESOLVED to approve the following list of applicants for registration by comity with the stipulation that the information in the applicants’ files will take precedence over the information in the minutes.*

License #	First Name	Last Name	Type of License	August Decision
205179	Dale	Johnson	Architect	Approved
212028	Bryan	Donahue	Civil	Approved
208892	William	Martin	Civil	Approved
207207	Steven	Robert	Civil	Approved
213148	Kyle	Turner	Civil	Approved
211090	Ryan	Peterson	Chemical	Approved
211857	Jeff	Bays	Electrical	Approved
212023	Henry	Eads	Electrical	Approved
213482	William	Gaddy	Electrical	Approved
212931	Spence	Carter	Fire Protection	Approved
210253	Dalton	Bergan	Mechanical	Approved
213454	Kai	Lockhart	Mechanical	Approved
212791	Darren	Twanmoh	Naval Architect and Marine Engineer	Approved
213108	Paul	Alves	Structural	Approved
213204	David	Gonzalez-Fernandez	Structural	Approved
188175	Salvatore	Granata	Structural	Approved
178719	Anthony	Messmer	Structural	Approved
210194	Clinton	Nash	Structural	Approved
213352	Christopher	Phair	Structural	Approved
211607	L. Brent	Wright	Structural	Approved

*Motion: Conditionally Approved Applicants*

In a motion made by Ed Leonetti, seconded by Jeff Garness, and approved unanimously, it was

*RESOLVED to CONDITIONALLY APPROVE the following list of applicants for registration by comity and examination with the stipulation that the information in the applicants’ files will take precedence over the information in the minutes.*

License #	First Name	Last Name	Type of License	August Decision
213423	Patrick	Burke	Architect	Conditional

213566	Shannon	Crossley	Architect	Conditional
146486	Nathan	Hale	Architect	Conditional
213371	Angeline	McFadden	Architect	Conditional
213474	Carlos	Perez-Rubio	Architect	Conditional
210491	Regina	Thompson	Architect	Conditional
212137	Ashley	Andrews	Civil	Conditional
<b>License #</b>	<b>First Name</b>	<b>Last Name</b>	<b>Type of License</b>	<b>August Decision</b>
205022	Dana	Brunswick	Civil	Conditional
201049	Elie	Cohen	Civil	Conditional
213365	Danielle	Dance	Civil	Conditional
212650	Edward	DeBroeck	Civil	Conditional
213143	Connor	Duff	Civil	Conditional
213369	Mar Angelo	Fernandez	Civil	Conditional
211780	Marshall	Frank	Civil	Conditional
210190	Kevin	Garcia	Civil	Conditional
213112	Ryane	Gray	Civil	Conditional
212539	Sean	Kelly	Civil	Conditional
213146	Cameron	Klatt	Civil	Conditional
196061	Cal	Laughlin	Civil	Conditional
120132	Kannon	Lee	Civil	Conditional
208814	Brian	Makovec	Civil	Conditional
211777	Richelle	Martens	Civil	Conditional
212475	Micki	Minsch	Civil	Conditional
212937	Aaron	Murph	Civil	Conditional
212934	Andrew	Smith	Civil	Conditional
209562	Tatjana	Spaic	Civil	Conditional
110604	Mark	Stratton	Civil	Conditional
213565	Kevin	Ulrich	Civil	Conditional
111299	Nial	Khodra	Control Systems	Conditional
211321	Thomas	Nowlan	Chemical	Conditional
207491	Jason	Adams	Electrical	Conditional
213036	Joshua	Clifton	Electrical	Conditional
210193	Mackinley "Max"	Donaldson	Electrical	Conditional
105813	Jake	Plancich	Electrical	Conditional
212247	Justin	Cannon	Petroleum	Conditional
212386	Eliabeth	Hunt	Petroleum	Conditional
213372	Sydney	Long	Petroleum	Conditional
211571	Aaron	Blaisdell	Land Surveyor	Conditional
211783	Kevin	Conway	Land Surveyor	Conditional
211269	Andrew	Hamilton	Land Surveyor	Conditional
208829	Robert	Winnicki	Land Surveyor	Conditional
212758	Steven	Cavanah	Mechanical	Conditional
212014	Austin	Dabbs	Mechanical	Conditional
212016	Cody	Klingman	Mechanical	Conditional

212966	Bradley	Lentz	Mechanical	Conditional
211856	Thomas	O'Reilly Jr.	Mechanical	Conditional
105111	Scott	Patterson	Mechanical	Conditional
108497	Kristina	Storlie	Mechanical	Conditional
212423	Michael	Reberg	Structural	Conditional
212822	Nickolas	Rodes	Structural	Conditional
212252	Timothy	Tennis	Structural	Conditional
<b>License #</b>	<b>First Name</b>	<b>Last Name</b>	<b>Type of License</b>	<b>August Decision</b>
107760	Magdalena	Ulmgren-McAleenan	Structural	Conditional
213481	Kevin	Walsh	Structural	Conditional

*Motion: Approve Incomplete Applicant* In a motion made by Ed Leonetti, seconded by Bob Bell, and approved unanimously, it was **RESOLVED** to find the following list of applicants for registration by comity and examination **INCOMPLETE** with the stipulation that the information in the applicants' files will take precedence over the information in the minutes.

License #	First Name	Last Name	Type of License	August Decision
212604	Wayne	Pence	Civil	Incomplete

*Motion: Approve monthly staff approvals.* In a motion made by Ed Leonetti, seconded by Bob Bell, and approved unanimously, it was **RESOLVED** to **APPROVE** the following list of applicants for registration by comity that were reviewed by staff with board concurrence since the last board meeting.

License #	First Name	Last Name	Type of License	Decision
212437	Charlene	Dekker	Architect	Approved - July
212020	James	Donaghy	Architect	Approved - July
211566	Ryan	Mullenix	Architect	Approved - July
212259	Jennifer	Ramirez	Architect	Approved - July
210511	Jaclynn	Treat Eckhardt	Architect	Approved - June
209913	Robert	Anderson	Civil	Approved - June
212380	Martha	Johnson	Civil	Approved - July
210720	Michael	Martin	Civil	Approved - July
208022	Adam	Miles	Civil	Approved - July
209346	Stephen	Stacey	Civil	Approved - June
211294	Timothy	Vhay	Civil	Approved - July
211276	Hayward	Warren	Civil	Approved - July
208355	Shirish	Damle	Electrical	Approved - July
209436	Brian	Cawley	Mechanical	Approved - June
210198	Carter	Johnson	Mechanical	Approved - July
211680	Alexandra	Yankey	Mechanical	Approved - July
208817	Manan	Bhalja	Structural	Approved - June
191269	Thomas	Burke	Structural	Approved - July
210834	Thomas	Hudgings	Structural	Approved - June

**20. Upcoming Board Meetings**

- A. November 14-15th AELS Board meeting
- B. Set dates for February Board meeting – the 2024 February board meeting has been set for February 8-9<sup>th</sup>
- C. Set committee meeting dates
  - Outreach – Sept 12 – 12-1pm
  - Legislative Liaison – Sept 29 – 12-1pm
  - Guidance Manual – October 10 – 12-1pm
- D. Set April 2024 AKLS date - date has been set for April 19, 2024 for the AKLS

**21. Board Member Comments**

Board members expressed their appreciation for the time spent and hard work done to address the board business as well as their desire to hold meetings in different parts of the state.

**22. Adjourn**

Next Meeting:	November 14-15 <sup>th</sup>
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DRAFT

DEPARTMENT OF COMMERCE, COMMUNITY, AND ECONOMIC DEVELOPMENT  
DIVISION OF CORPORATIONS, BUSINESS AND PROFESSIONAL LICENSING

**BOARD OF REGISTRATION FOR ARCHITECTS, ENGINEERS, AND LAND SURVEYORS**

CONDENSED MINUTES OF THE MEETING HELD MAY 2, 2023.

*These are DRAFT minutes prepared by staff of the Division of Corporations, Business and Professional Licensing. They have not been reviewed or approved by the Board*

Date:	May 2, 2023
Time:	10-11am
Location:	Zoom
Attending:	Board Members: Catherine Fritz, Jeff Garness, Ed Leonetti, Brent Cole, Elizabeth Johnston, Loren Leman, Jake Maxwell, Randall Rozier, Sterling Strait, Fred Wallis Board Staff: Sara Neal and Kelly Johnson / Division: Director Sylvan Robb Legislature Members: Senator Matt Claman and Breanna Kakaruk (staff to Senator Claman) Public: Charles Bettisworth, Jessica Cederberg, Mary Knopf, Brian Meissner, Lauren Earley, Matt Barusch (NCIDQ), Tim Conrad, David Parish
Absent:	Excused: Bob Bell

**1. Call to Order / Roll Call / Virtual Notice – Brent Cole (joined at 10:02), Jeff Garness, Elizabeth Johnston, Loren Leman, Ed Leonetti, Jake Maxwell, Randall Rozier, Sterling Strait, Fred Wallis, Catherine Fritz.**

**2. Review / Amend / Approve Agenda**

Motion to approve agenda:	On a motion made by Elizabeth Johnston, seconded by Jeff Garness, and approved unanimously it was:  <i>RESOLVED to approve the agenda as presented.</i>
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**3. Status of SB126**

A. Adding the Executive Administrator (EA) salary to bill:	Leman updated the board on SB126 stating that the bill had passed the Senate Labor and Commerce committee and is currently in Senate Rules waiting to be heard on the Senate floor. AELS's EA is the lowest paid EA in the division yet the workload is high. With department support, it was recommended that the EA's salary range be put into statute as an amendment to this bill once it moves to the house. Because of the fiscal note, once the bill passed the House it would have to go back to the Senate for approval. Director Robb spoke about the issue by saying the EA position is partially exempt which means they are only partially covered by the personnel rules. Their salaries are laid out by the classification division which has resulted in the disparity between the range assigned and the workload required. Because of that many boards have opted to put their EA's salaries in statute. Robb explained what the cost to the board would be as follows: Range 18 step A pays a salary of \$63,000 whereas a Range 23 step A pays an annual salary of \$88,000 + benefits which would equal about a \$30,000 increase in costs to the board.
Motion to approve amendment to SB126:	On a motion made by Jeff Garness, seconded by Elizabeth Johnston, and approved unanimously via roll call vote it was:  <i>RESOLVED to authorize Loren and Catherine to amend SB126 to incorporate the EA salary to a step in Range 23 on the salary schedule.</i>

#### 4. AELS Concerns with SB73 CS U

Brief Discussion:

The ID working group met twice since the AELS special board meeting on March 16 and has been working together with Senator Claman and his staff. The Senate Labor and Commerce Committee sent the bill back for another committee substitute with regards to board make-up, but it has not yet been drafted by the legislative legal department.

Fritz talked through the following issues with CS U:

1. Sec 26 - 08.48.331- #15 is not needed.
2. Sec 27 - 08.48.331 – added section would have the Board develop regulations to define the practice of interior designers that relates to health, safety and welfare.
3. Sec 29 -08.48.341 - #24 – working group has asked that A align with other definitions for practice and that (v) as it pertains to “work of minor importance” and delete B.
4. Sec 36 - Transition: Current Interior Designers – Bill would go into effect immediately and this transition would allow a person to practice registered interior designing without a license until July 1, 2025. Senator Claman shared that the intent of that section was to allow interior designers to practice as they have been until the regulations have been written at which time, they can become registered.

Once the new CS is released, it will be reviewed to see if any of these changes have been incorporated into the bill. The board will review the new CS during its May 10-11<sup>th</sup> board meeting and propose changes as needed.

#### 5. NCARB Voting Delegate

Motion:

On a motion made by Loren Leman, seconded by Jeff Garness, and approved unanimously it was:

*RESOLVED to approve Catherine Fritz as the voting delegate and Randall Rozier as the alternate voting delegate for the NCARB annual business meeting.*

Next Meeting:	May 10-11 <sup>th</sup> , 2023.
Adjournment:	11:15am



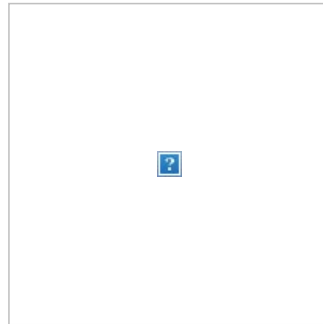
B. Item 2: Outreach Reports

1. 8/2023 NCEES Annual Business Meeting  
Fritz/Johnston/Maxwell
2. 9/14/2023 UAA College of Engineering  
Celebration of ABET accreditation – Leman
3. 9/15/2023 UAA College of Engineering Student  
Showcase – Leman
4. 9/2023 CLARB Annual Business Meeting –  
Leonetti

**From:** [NCEES](#)  
**To:** [Neal, Sara J \(CED\)](#)  
**Subject:** 2023 NCEES Annual Meeting Survey  
**Date:** Thursday, August 24, 2023 10:03:43 AM

You don't often get email from [noreply@ncees.org](mailto:noreply@ncees.org). [Learn why this is important](#)

**CAUTION:** This email originated from outside the State of Alaska mail system. Do not click links or open attachments unless you recognize the sender and know the content is safe.



The 102<sup>nd</sup> NCEES Annual Meeting was held August 15–18, 2023, in Boston. In addition to conducting Council business, delegates and guests enjoyed various workshops and tours, celebrated the 2023 award recipients, and installed Laura Sievers, P.E., as president. A full list of business session votes by motion is available in MyNCEES under Board Resources. Complete information on the motions will be published in the official meeting minutes.

Meeting attendees are invited to share feedback about the meeting through the [annual meeting survey](#).

### **Highlights from the 2023 annual meeting**

#### **PLSS exam module**

The 2022–23 Committee on Examinations for Professional Surveyors (EPS) was charged with reviewing the results of the recent professional activities and knowledge study (PAKS) for the PS exam and recommending what, if any, PS divisional examinations are feasible. As a result, the committee included a motion in their report to develop a Public Land Survey System module. However, during a final review of motions being presented to the Council, it was determined that the motion was out of order because it recommended dividing the existing PS examination into multiple examinations. NCEES exam development policies required that any such recommendation be made to the board of directors for a decision, not the Council.

The 2022–23 board of directors reviewed the committee’s recommendation at their August meeting and approved the motion to develop a PLSS exam module. As a result of this decision, the EPS committee withdrew its motion and did not present it to the Council. Finance Committee motion 4, which was approved as part of the consent agenda, set the price for the PLSS exam module at \$325. This is a separate fee and does not include a PS exam registration. It will be up to each state licensing board to determine if they will require the PLSS exam module in addition to the PS exam. A new PS exam specification, which will include only boundary and core topic areas, will be used at some point in the future.

A new business item was presented to the Council that proposed (1) the Council “develop and implement a PS Exam consisting of four separately scored modules,” including “Core PS, Boundary, Public Land Survey, and Mapping Science;” and (2) the Board “direct further study” regarding the “development and implementation of a separately scored module for incidental drainage.” This motion was ruled out of order because the NCEES bylaws and policies do not allow the Council to mandate the content of examinations. The EPS Committee is responsible for the content and scoring of all examinations, and all requests to divide an examination must be made to the committee.

President Sievers has created a Surveying and Mapping Sciences Licensure Task Force for the coming year to study licensure for mapping sciences. The work of this task force could result in a recommendation to the EPS committee to develop a new exam module.

#### **PE Structural exam results**

Committee on Examination Policy and Procedures (EPP) motion 10, which passed on the consent agenda, amended Exam Administration Policy (EAP) 8. The motion removed the 5-year period requirement for PE Structural examinees to achieve acceptable results on all portions of the exam. This change is effective immediately and makes the PE Structural exam consistent with all other NCEES examinations.

#### **NCEES Foundation**

The 2022–23 NCEES Board of Directors approved a recommendation to establish the NCEES Foundation at their April meeting. This foundation will be a 501(c)3 non-profit organization to support our vision and mission. NCEES will exercise control over the foundation through appointment of its board of directors and establishment of its policies and procedures. NCEES will control the financial transactions of the foundation through board appointments, approval of annual transfers, and enacted spending limits. The initial transfer of \$7 million was approved as part of the 2023–24 operating and capital expenditures budget package. Anyone interested in serving as a member of the NCEES Foundation Board of Directors should email David Cox at [dcox@ncees.org](mailto:dcox@ncees.org).

[Unsubscribe](#)

## **AELS Board Outreach Report**

**Board Member:** Loren Leman

**Event:** UAA College of Engineering celebration of ABET accreditation

**Date:** September 14, 2023 from 5:30 to 7:00 pm

**Location:** Varsity Sports Grill at Alaska Airlines Center, UAA

**Description of Event:** I joined UAA administration, faculty, a regent, and members of department advisory boards at a reception to hear from the dean and celebrate the good news that the recent round of accreditation review was very successful for all of the College of Engineering programs. This accreditation is good for another six years. As of the day of the event, the BS in Computer Science results are still pending, but Dean Kenrick Mock is confident it too will maintain accreditation. UAA meets the highest standards of the ABET and PMI-GAC accreditation bodies.

During the event I conversed with Dean Kenrick Mock, Assistant Dean Jennie Brock, Project Management head Luann Piccard, Regent Seth Church and others about the importance of accreditation, the value of professional registration, the importance of communication and project management as “strong skills,” and what we need to do in middle and high schools to help recruit students to these technical professions.

I attended as a member of the AELS Board and as an Advisory Board member for the UAA College of Engineering.

**Volunteer Hours:** 1.5

**Cost:** This was a local Anchorage event that I attended at no cost to the State of Alaska. The State, of course, invests heavily in UA, and wants to see its investment in post-secondary education produce high-achieving graduates who will meet workforce needs.

## **AELS Board Outreach Report**

**Board Member:** Loren Leman

**Event:** UAA College of Engineering Student Showcase

**Date:** September 15, 2023 from 6:00 to 8:00 pm

**Location:** Engineering & Industry Building, UAA

**Description of Event:** I recruited my wife Carolyn to join me for an evening with engineering, geomatics, and computer science students who showed us their projects. We had participated in this event last year and she beat me then in a paper boat-building and fluids lab flume racing competition. She was hoping for a repeat, but this time my boat beat hers by 1.5 seconds. I guess next year will be the rubber match.

In a geomatics demonstration I completed a 10' X 10' square using rudimentary surveying techniques (pacing and squinting), and then was checked by today's technology. I closed within 1.5 feet, which is far poorer than the standard expected of surveyors we register.

Other events were a demonstration of heat loss by making ice cream (yum!); asking questions of a computer with AI programming (ChatGPT) and getting both valid and hilarious answers; and supporting students who are veterans by participating in an Alaska trivia contest using Kahoot. Unfortunately, the robotics team had dismantled its demonstration by the time we got to its exhibit at the 8:00 pm closing time.

During the evening I conversed with Dean Kenrick Mock, Assistant Dean Jennie Brock, several faculty members, and many students. I told about, in a fun way, the importance of maintaining a good reputation, investing in studying, and yet, keeping engineering fun. I shared with the students what my 50 years in this profession means to me.

Among others we met were an engineering student from New Zealand; a graduate student in engineering who I had met several years ago in the Dimond High School Engineering Academy; and several women engineering students who were having fun and doing well with their projects. It was an enjoyable and productive evening. My hope is that these students finish strong and are able to work in Alaska after they graduate.

I attended as a member of the AELS Board and as an Advisory Board member for the UAA College of Engineering.

**Volunteer Hours:** 2.0

**Cost:** This was a local Anchorage event that we attended at no cost to the State of Alaska. The State, of course, invests heavily in UA, and wants to produce high-achieving graduates who meet their own goals as well as workforce needs.

**2023 CLARB Annual Meeting Report**  
**Prepared by Ed Leonetti**  
**October 16<sup>th</sup> 2023**

The CLARB Annual Meeting was held in Henderson Nevada, September 20-22<sup>nd</sup>. AELS Executive Administrator Sara Neal, and Board Member Ed Leonetti attended in person. The meeting was an in-person meeting with approximately 120 Members attending. Overall, the experience was valuable and provided opportunities to engage with CLARB and interact with Board Members from other States.

The meeting covered a range of topics and included presentations, breakout sessions, announcing elections results and provided meetings for the CLARB Regions. The discussion topics and breakout sessions covered presentations on the following: Generation “Them” - Managing a Multi-generational work force, strategic planning, building a public understanding of Landscape Architecture, CLARB’s global objectives with the International Federation of Landscape Architects (IFLA), celebrating stem designation for Landscape Architecture, and continuing education.

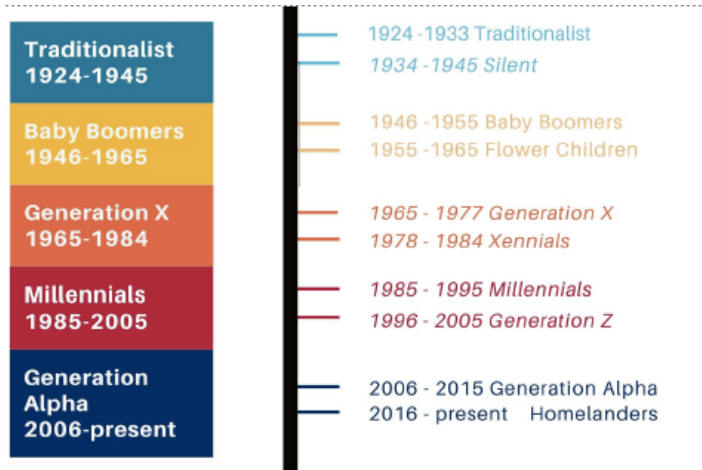
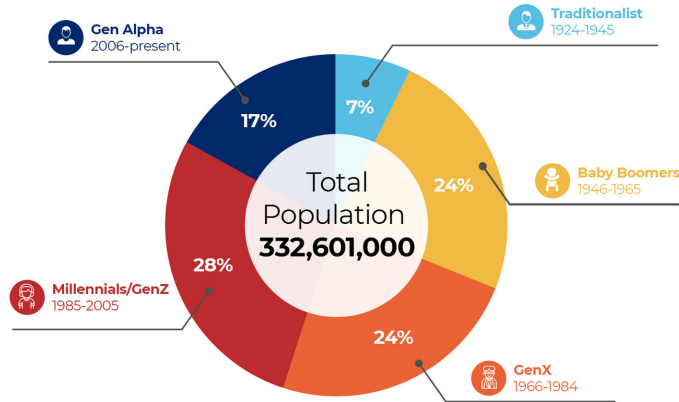
Key take aways from the meeting that are worth noting: Generation “Them”, CLARB’s Global objectives and Stem designation. There was an energetic presentation around the demographics of the Nation and how each different generation works, communicates, and has different expectations for the working environment and the profession (See attachment). Currently 45% of the US population is under the age of 35. CLARB’s Global objectives discussed understanding the profession globally and the results of the Global Job Task Analysis (JTA). Through targeted research, CLARB (in partnership with IFLA) now has a better understanding of who makes up the profession of landscape architecture around the globe and what the global practice of landscape architecture looks like. **Key take away from this is that CLARB and LAAB have a new partnership to meet the growing need of determining international equivalency for meeting licensure requirements in the U.S. and Canada.**

Other notable topics are Landscape architecture Uniform Standard implementation, “What Boards can do Different” and International Practice on regulations. The Uniform Standard is being implemented in a handful of States, Alaska being one of them. What boards can do take aways: Delegate Administrative Authority (then the board has time to do other tasks), enforcement and discipline by being consistent on application rulings, document complaints, have preventive measures vs reactive, and regular review of statutes and regulations. There was also a brief discussion about CEU’s. A takeaway for this is that some Boards have “Legacy” status where a licensee who has more than 25 years of experience doesn’t have to take CEU’s.

Special thank you to the Board for sending Sara to the meeting, it was great to collaborate with her to bring items to discuss at the Board.

The next Annual meeting is scheduled for September of 2024 in Buffalo, NY.

## Breakdown of Generations in the US



## What can we do to bridge gaps?

- Develop early leader tapping programs
- Let mentors be part of the interview process
- Help employees see a path to growth through hard and soft skill development
- Reward manager success (retention bonus)
- Strong leadership & soft-skills training at every age
- Add younger employees to boards/leadership/decision-making teams

**HAVING DIFFERENCES ALLOWS US TO FILL IN GAPS IN OUR OWN GENERATION TO BE A MORE COHESIVE TEAM!**

## TRADITIONALIST 1925-1945

- Set rules & standards of "good employee."
- Strong need for face-to-face contact.
- Favor disciplinary measures for correction.
- Low risk, especially with money.
- Prefer high formality in clothing, hierarchy, familiarity, and touch.
- Social with friends outside of "work" primarily.

## BABY BOOMERS 1946-1964

- Highly competitive due to a large number of peers.
- Job and identity are more closely intertwined.
- Strong sales ability & "presence"
- More likely to want a consequence to disobedience
- Prefers telephone & face to face meetings.
- More wisdom due to years in their area.
- More likely to be loyal to one company.
- Prefer teamwork models for employees.
- More likely to do "management by walking around"
- More established in so less adaptable to new changes.

## GENX 1965-1984

- Significantly less competitive and social with co-workers.
- More likely to ask forgiveness than permission.
- Get it done attitude with low feedback needs.
- Prefers email.
- More willing to take risks and own responsibility.
- Prefers independent work models.
- Less likely to fight changes unless they have significant impact on their personal lives.

## MILLENNIALS/GenZ 1985 - 2005

- Extremely adaptable to change and eager to be a part of the growth process.
- Millennials are more likely to value purpose, and contribution/ GenZ is more likely to appreciate pay.
- Confusion about competition, the definition of excellence, and self-monitoring
- More risk-averse and less likely to do face-to-face confrontation.
- Prefers text or program management platforms.
- Prefers informality and clear standard setting
- Clear expectations, feedback and task lists are essential.



C. Item 3: Outgoing Correspondence

1. 9/14/2023 – Paul Davis  
RE: Engineering documents not requiring seals
2. 9/14/2023 - Commissioner Anderson  
RE: Removing 12 AAC 36.990(44)(F)
3. 9/14/2023 – Sava White  
RE: 12 AAC 36.145 “Regularly Employed: - needs revision
4. 10/20/2023 -NCEES Nomination Committee  
RE: Nominating Elizabeth Johnston for president-elect



THE STATE  
of **ALASKA**  
GOVERNOR MICHAEL J. DUNLEAVY

**Department of Commerce, Community,  
and Economic Development**

BOARD OF REGISTRATION FOR ARCHITECTS,  
ENGINEERS, AND LAND SURVEYORS

P.O. Box 110806  
Juneau, Alaska 99801-0806  
Main: 907.465.1676  
Toll free fax: 907.465.2974

September 14, 2023

Paul Davis  
6603 Cypress Village Drive  
Sugar Land, TX 77479  
Email: [Specbelly@protonmail.com](mailto:Specbelly@protonmail.com)

RE: Engineering Documents Not Requiring Seals

Dear Mr. Davis:

Thank you for your email dated July 20, 2023, inquiring about engineering documents that do not require seals. During the August 28<sup>th</sup> board meeting, the Guidance Manual Committee was assigned the task of responding to your questions. The committee has a meeting scheduled for October 10<sup>th</sup>, 12-1pm Alaska time so more information will be available after that date. Please check the [AELS board meeting webpage](#) for the zoom information for the committee meeting if you would like to listen as they discuss your questions.

Sincerely,

A handwritten signature in black ink that reads "Catherine Fritz".

Catherine Fritz  
Chair, Board of Registration for Architects,  
Engineers and Land Surveyors



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of **ALASKA**  
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**Department of Commerce, Community,  
and Economic Development**

BOARD OF REGISTRATION FOR ARCHITECTS,  
ENGINEERS, AND LAND SURVEYORS

P.O. Box 110806  
Juneau, Alaska 99801-0806  
Main: 907.465.1676  
Toll free fax: 907.465.2974

September 14, 2023

Commissioner Ryan Anderson  
P.O. Box 112500  
Juneau, AK 99811-2500

RE: Removing 12 AAC 36.990 (44)(F)

Dear Commissioner Anderson:

Thank you for your letters dated April 17 and August 21, 2023, regarding the removal of AELS regulation 12 AAC 36.990 (44)(F). The AELS board discussed this matter in its August 28<sup>th</sup> board meeting and decided to form a working group to consider your request and make a recommendation to the board within the next year. Board member Sterling Strait, who is both a structural and civil engineer, will lead the group and has plans to invite DOT employees Leslie Daugherty, Jesse Escamilla, and Nick Murray to be part of this working group along with other structural engineers that are part of the Structural Engineers Association of Alaska (SEAAK).

If you have any questions throughout this process, please contact AELS Executive Administrator, Sara Neal, by either calling (907)465-2540 or emailing [aelsboard@alaska.gov](mailto:aelsboard@alaska.gov).

Sincerely,

A handwritten signature in black ink that reads "Catherine Fritz".

Catherine Fritz  
Chair, Board of Registration for Architects,  
Engineers and Land Surveyors

Cc: Division Director Sylvan Robb  
Division of Corporations, Business, and Professional Licensing



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P.O. Box 110806  
Juneau, Alaska 99801-0806  
Main: 907.465.1676  
Toll free fax: 907.465.2974

September 14, 2023

Sava White  
[savawhite@gmail.com](mailto:savawhite@gmail.com)

RE: 12AAC 36.145 "Regularly employed" needs revision

Dear Ms. White:

Thank you for your email dated July 29, 2023, expressing your concerns with regulation 12 AAC 36.145. The board reviewed your email during its August 28<sup>th</sup> board meeting. The board has already flagged this regulation for review and assigned three board members to discuss the term "regularly employed" as well as the definition of an office.

Your suggestions will be considered as the board members review this regulation. A report on their findings is due during the November 14-15<sup>th</sup> meeting so please either check the [AELS Board Meeting webpage](#) on or around November 1 for the zoom information, sign-up on [AELS's listserv](#) to receive the meeting notice via email, or attend in person if you live in Anchorage to hear their findings and suggestions for board action.

Sincerely,

A handwritten signature in cursive script that reads "Catherine Fritz".

Catherine Fritz  
Chair, Board of Registration for Architects,  
Engineers and Land Surveyors



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## Department of Commerce, Community, and Economic Development

BOARD OF REGISTRATION FOR ARCHITECTS,  
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P.O. Box 110806  
Juneau, Alaska 99801-0806  
Main: 907.465.1676  
Toll free fax: 907.465.2974

October 20, 2023

NCEES Nomination Committee

Daren Cone - [darren.l.cone@odf.oregon.gov](mailto:darren.l.cone@odf.oregon.gov)

Maria Elizabeth (Maily), V. Cristi - [mecristi@pacificsoilsguam.com](mailto:mecristi@pacificsoilsguam.com)

Christina Wong - [Cwong227@yahoo.com](mailto:Cwong227@yahoo.com)

Cevin Imus - [cevin.imus@wyoboards.gov](mailto:cevin.imus@wyoboards.gov)

To Whom It May Concern:

The Alaska Board of Registration for Architects, Engineers, and Land Surveyors (AELS) would like to nominate Elizabeth Johnston for the position of President-Elect for NCEES. Elizabeth has shown her dedication to her profession and NCEES by serving as chair of the Examination Policies and Procedures Committee as well as serving as the Assistant Vice President for the Western Zone.

In addition to her service for NCEES, she has also been an involved AELS board member. She chaired the Continuing Education Committee which just implemented new and improved continuing education regulations for AELS registrants. She has also played a key role in modernizing AELS's digital signature regulation. At each board meeting, Elizabeth is prepared and ready to discuss the issues that are before the board.

Elizabeth is passionate about her profession and dedicated to the health, safety, and welfare of the public she serves. She is an excellent candidate for the position of President-Elect for NCEES.

Sincerely,

A handwritten signature in cursive script that reads "Catherine Fritz".

Catherine Fritz  
Architect / Chair  
Board of Registration for Architects,  
Engineers, and Land Surveyors

# Agenda Item 5

## Ethics Reporting

No documents included

# Agenda Item 6

## Review Public Comments and Final Board Review for Regulation Projects

- A. Update on 12AAC36.068 - Landscape Architect by Exam & 12AAC 36.040 Simplified Reexamination
- B. Update on SB126 regulation changes & 12AAC36.185 Digital Signatures

No documents included

# Agenda Item 7

## Regulation Projects in Progress

- A. Responsible Charge - Leman / Garness
- B. Architectural Engineering - Johnston / Legislative Liaison  
Committee

No documents included



# Agenda Item 8

## Division Report

- A. 4<sup>th</sup> Quarter Update
- B. Update on EA Salary
- C. Update on ADEC
- D. Update on Military & Spouse Special Licensure
- E. Board Training Webinars – Sara Chambers

No documents included

Department of Commerce Community, and Economic Development  
Corporations, Business and Professional Licensing

Summary of All Professional Licensing  
Schedule of Revenues and Expenditures

Board of Architects, Engineers, and Land Surveyors	FY 16	FY 17	Biennium	FY 18	FY 19	Biennium	FY 20	FY 21	Biennium	FY 22	FY 23	Biennium
<b>Revenue</b>												
Revenue from License Fees	\$ 1,312,092	\$ 201,239	\$ 1,513,331	\$ 909,305	\$ 161,305	\$ 1,070,610	\$ 932,985	\$ 146,310	\$ 1,079,295	\$ 957,475	\$ 153,720	\$ 1,111,195
General Fund Received								\$ -	\$ -	\$ 17,581	\$ 4,700	\$ 22,281
Allowable Third Party Reimbursements	6,302	13,376	19,678	13,692	10,892	24,584	\$ 4,143	\$ -	4,143	\$ 1,375	\$ 6,500	7,875
<b>TOTAL REVENUE</b>	<b>\$ 1,318,394</b>	<b>\$ 214,615</b>	<b>\$ 1,533,009</b>	<b>\$ 922,997</b>	<b>\$ 172,197</b>	<b>\$ 1,095,194</b>	<b>\$ 937,128</b>	<b>\$ 146,310</b>	<b>\$ 1,083,438</b>	<b>\$ 976,431</b>	<b>\$ 164,920</b>	<b>\$ 1,141,351</b>
<b>Expenditures</b>												
Non Investigation Expenditures												
1000 - Personal Services	230,912	151,062	381,974	179,399	201,499	380,898	173,287	159,806	333,093	172,213	223,949	396,162
2000 - Travel	35,307	32,347	67,654	29,385	26,313	55,698	15,812	2,110	17,922	15,391	22,087	37,478
3000 - Services	70,609	38,839	109,448	45,487	59,467	104,954	35,084	43,162	78,246	41,295	38,332	79,627
4000 - Commodities	1,221	631	1,852	499	27	526	30	-	30	-	1,110	1,110
5000 - Capital Outlay	-	-	-	-	-	-	-	-	-	-	-	-
Total Non-Investigation Expenditures	338,049	222,879	560,928	254,770	287,306	542,076	224,213	205,078	429,291	228,899	285,477	514,377
Investigation Expenditures												
1000-Personal Services	94,056	136,643	230,699	110,690	121,182	231,872	71,024	75,160	146,184	55,524	60,114	115,638
2000 - Travel	-	-	-	-	-	-	-	-	-	-	425	425
3023 - Expert Witness	-	-	-	-	-	-	-	-	-	-	-	-
3088 - Inter-Agency Legal	-	-	-	-	-	-	-	1,996	1,996	85	-	85
3094 - Inter-Agency Hearing/Mediation	-	134	134	58	-	58	-	-	-	-	-	-
3000 - Services other	-	-	-	-	670	670	208	429	637	15	51	66
4000 - Commodities	-	-	-	-	-	-	-	-	-	-	-	-
Total Investigation Expenditures	94,056	136,777	230,833	110,748	121,852	232,600	71,232	77,585	148,817	55,624	60,590	116,214
<b>Total Direct Expenditures</b>	<b>432,105</b>	<b>359,656</b>	<b>791,761</b>	<b>365,518</b>	<b>409,158</b>	<b>774,676</b>	<b>295,445</b>	<b>282,663</b>	<b>578,108</b>	<b>284,523</b>	<b>346,067</b>	<b>630,591</b>
Indirect Expenditures												
Internal Administrative Costs	216,777	183,444	400,221	-	176,749	176,749	187,122	160,058	347,180	207,091	199,257	406,348
Departmental Costs	68,567	103,670	172,237	-	96,635	96,635	66,632	61,722	128,354	68,456	67,003	135,459
Statewide Costs	19,550	33,286	52,836	-	32,978	32,978	32,186	32,250	64,436	28,626	30,893	59,519
<b>Total Indirect Expenditures</b>	<b>304,894</b>	<b>320,400</b>	<b>625,294</b>	<b>-</b>	<b>306,362</b>	<b>306,362</b>	<b>285,940</b>	<b>254,030</b>	<b>539,970</b>	<b>304,173</b>	<b>297,153</b>	<b>601,326</b>
<b>TOTAL EXPENDITURES</b>	<b>\$ 736,999</b>	<b>\$ 680,056</b>	<b>\$ 1,417,055</b>	<b>\$ 365,518</b>	<b>\$ 715,520</b>	<b>\$ 1,081,038</b>	<b>\$ 581,385</b>	<b>\$ 536,693</b>	<b>\$ 1,118,078</b>	<b>\$ 588,696</b>	<b>\$ 643,220</b>	<b>\$ 1,231,917</b>
<b>Cumulative Surplus (Deficit)</b>												
Beginning Cumulative Surplus (Deficit)	\$ 743,460	\$ 1,324,855		\$ 859,414	\$ 1,416,893		\$ 873,570	\$ 1,229,313		\$ 838,930	\$ 1,226,665	
Annual Increase/(Decrease)	581,395	(465,441)		557,479	(543,323)		355,743	(390,383)		387,735	(478,300)	
Ending Cumulative Surplus (Deficit)	\$ 1,324,855	\$ 859,414		\$ 1,416,893	873,570		\$ 1,229,313	\$ 838,930		\$ 1,226,665	\$ 748,365	
<b>Statistical Information</b>												
Number of Licenses for Indirect calculation	8,785	7,847		8,152	7,331		7,488	7,386		8,122	7,763	
<b>Additional information:</b>	<ul style="list-style-type: none"> <li>• General fund dollars were received in FY21-FY23 to offset increases in personal services and help prevent programs from going into deficit or increase fees.</li> <li>• Most recent fee change: New fee added FY20</li> <li>• Annual license fee analysis will include consideration of other factors such as board and licensee input, potential investigation load, court cases, multiple license and fee types under one program, and program changes per AS 08.01.065.</li> </ul>											

Sub Unit	(All)
PL Task Code	AEL1

Sum of Budgetary Expenditures Object Name (Ex)	Object Type Name (Ex)				Grand Total
	1000 - Personal Services	2000 - Travel	3000 - Services	4000 - Commodities	
1011 - Regular Compensation	144,725.69				144,725.69
1014 - Overtime	1,277.33				1,277.33
1016 - Other Premium Pay	144.75				144.75
1021 - Allowances to Employees	360.00				360.00
1023 - Leave Taken	26,515.24				26,515.24
1028 - Alaska Supplemental Benefit	10,595.22				10,595.22
1029 - Public Employee's Retirement System Defined Benefits	7,419.25				7,419.25
1030 - Public Employee's Retirement System Defined Contribution	7,564.12				7,564.12
1034 - Public Employee's Retirement System Defined Cont Health Reim	4,960.28				4,960.28
1035 - Public Employee's Retirement Sys Defined Cont Retiree Medical	1,567.08				1,567.08
1037 - Public Employee's Retirement Sys Defined Benefit Unfnd Liab	21,291.97				21,291.97
1040 - Group Health Insurance	49,893.10				49,893.10
1042 - Worker's Compensation Insurance	1,221.51				1,221.51
1047 - Leave Cash In Employer Charge	3,707.21				3,707.21
1048 - Terminal Leave Employer Charge	2,673.24				2,673.24
1053 - Medicare Tax	2,421.33				2,421.33
1062 - GGU Business Leave Bank Contributions	389.04				389.04
1077 - ASEA Legal Trust	154.69				154.69
1079 - ASEA Injury Leave Usage	14.88				14.88
1080 - SU Legal Trst	7.87				7.87
1970 - Personal Services Transfer	(2,840.99)				(2,840.99)
2000 - In-State Employee Airfare			1,541.90		1,541.90
2001 - In-State Employee Surface Transportation			314.49		314.49
2002 - In-State Employee Lodging			2,803.35		2,803.35
2003 - In-State Employee Meals and Incidentals			900.00		900.00
2005 - In-State Non-Employee Airfare			2,749.69		2,749.69
2007 - In-State Non-Employee Lodging			2,764.88		2,764.88
2008 - In-State Non-Employee Meals and Incidentals			1,357.20		1,357.20
2009 - In-State Non-Employee Taxable Per Diem			445.00		445.00
2010 - In-State Non-Employee Non-Taxable Reimbursement			351.82		351.82
2012 - Out-State Employee Airfare			851.50		851.50
2013 - Out-State Employee Surface Transportation			242.39		242.39
2015 - Out-State Employee Meals and Incidentals			1,623.50		1,623.50
2016 - Out-State Employee Reimbursable Travel Costs			30.00		30.00
2020 - Out-State Non-Employee Meals and Incidentals			3,442.25		3,442.25
2022 - Out-State Non-Employee Non-Taxable Reimbursement			3,094.08		3,094.08
2970 - Travel Cost Transfer			(0.00)		(0.00)
3000 - Training/Conferences				1,525.31	1,525.31
3001 - Test Monitor/Proctor				10,851.42	10,851.42
3002 - Memberships				20,610.00	20,610.00
3035 - Long Distance				17.71	17.71
3044 - Courier				26.34	26.34
3045 - Postage				73.23	73.23
3046 - Advertising				2,069.65	2,069.65
3085 - Inter-Agency Mail				1,375.34	1,375.34
3088 - Inter-Agency Legal				1,833.19	1,833.19
4002 - Business Supplies				900.00	900.00
4003 - Information Technology Equipment				210.00	210.00
<b>Grand Total</b>	<b>284,062.81</b>	<b>22,512.05</b>	<b>38,382.19</b>	<b>1,110.00</b>	<b>346,067.05</b>

Name	Task Code	Revenues			Total Revenues	Direct Expense	Percentage of board licenses/total licensees:	Department certified transactions % by Fiscal Revenue \$	Indirect Expense (Total Non-PCN Allocated)	Percentage of program direct Personal Services:	Total Indirect Expenses	Total Expenses
		Direct Revenues	General Fund Received	3rd Party Reimbursement								
Acupuncture	ACU1	\$ 34,852	\$ 5,187	\$ -	\$ 40,039	\$ 11,380	\$ 3,108	\$ 703	\$ 3,811	3,488	\$ 7,299	\$ 18,679
Architects, Engineer	AEL1	\$ 153,720	\$ 4,700	\$ 6,500	\$ 164,920	\$ 346,067	\$ 206,216	\$ 3,329	\$ 209,545	\$ 87,608	\$ 297,153	\$ 643,220
Athletic Trainers	ATH1	\$ 2,510	\$ 1,027	\$ -	\$ 3,537	\$ 1,634	\$ 1,594	\$ 398	\$ 1,992	502	\$ 2,494	\$ 4,128
Audiology and Speech Pathologists	AUD1	\$ 107,266	\$ 730	\$ -	\$ 107,996	\$ 47,806	\$ 26,644	\$ 2,058	\$ 28,702	13,603	\$ 42,305	\$ 90,111
Barbers & Hairdressers	BAH1	\$ 349,898	\$ 5,933	\$ -	\$ 355,831	\$ 387,195	\$ 188,232	\$ 3,845	\$ 192,077	110,579	\$ 302,656	\$ 689,851
Behavior Analysts	BEV1	\$ 15,700	\$ 139	\$ -	\$ 15,839	\$ 9,560	\$ 2,975	\$ 796	\$ 3,771	2,597	\$ 6,368	\$ 15,928
Chiropractors	CHI1	\$ 206,007	\$ 170,699	\$ -	\$ 376,706	\$ 174,518	\$ 9,430	\$ 1,576	\$ 11,006	31,673	\$ 42,679	\$ 217,197
Collection Agencies	COA1	\$ 15,285	\$ 325	\$ -	\$ 15,610	\$ 23,380	\$ 23,164	\$ 491	\$ 23,655	6,054	\$ 29,709	\$ 53,089
Concert Promoters	CPR1	\$ 10,538	\$ 7	\$ -	\$ 10,545	\$ 423	\$ 611	\$ 148	\$ 759	130	\$ 889	\$ 1,312
Construction Contractors	CON1	\$ 1,508,670	\$ 6,063	\$ -	\$ 1,514,733	\$ 589,725	\$ 273,343	\$ 3,871	\$ 277,214	112,997	\$ 390,211	\$ 979,936
Home Inspectors	HIN1	\$ 10,685	\$ 185	\$ -	\$ 10,870	\$ 11,217	\$ 3,772	\$ 453	\$ 4,225	3,457	\$ 7,682	\$ 18,899
Dental	DEN1	\$ 601,352	\$ 59,056	\$ -	\$ 660,408	\$ 350,245	\$ 61,655	\$ 2,927	\$ 64,582	75,589	\$ 140,171	\$ 490,416
Dietitians/Nutritionists	DTN1	\$ 11,360	\$ 148	\$ -	\$ 11,508	\$ 8,981	\$ 9,961	\$ 1,056	\$ 11,017	2,760	\$ 13,777	\$ 22,758
Direct Entry Midwife	MID1	\$ 82,680	\$ 320	\$ -	\$ 83,000	\$ 44,629	\$ 1,434	\$ 620	\$ 2,054	5,970	\$ 8,024	\$ 52,653
Dispensing Opticians	DOP1	\$ 35,253	\$ 468	\$ -	\$ 35,721	\$ 28,325	\$ 4,941	\$ 806	\$ 5,747	8,723	\$ 14,470	\$ 42,795
Electrical Administrator	EAD1	\$ 23,200	\$ 644	\$ -	\$ 23,844	\$ 67,215	\$ 23,801	\$ 1,139	\$ 24,940	12,006	\$ 36,946	\$ 104,161
Euthanasia Services	EUT1	\$ 3,650	\$ 15,007	\$ -	\$ 18,657	\$ 455	\$ 372	\$ 350	\$ 722	139	\$ 861	\$ 1,316
Geologists	GEO1	\$ 70	\$ 121,004	\$ -	\$ 121,074	\$ 207	\$ 266	\$ 225	\$ 491	64	\$ 555	\$ 762
Guardians/Conservators	GCO1	\$ 11,113	\$ 51	\$ -	\$ 11,164	\$ 3,306	\$ 584	\$ 478	\$ 1,062	941	\$ 2,003	\$ 5,309
Guide-Outfitters	GUI1	\$ 314,340	\$ 5,342	\$ -	\$ 319,682	\$ 388,143	\$ 40,404	\$ 2,992	\$ 43,396	99,567	\$ 142,963	\$ 531,106
Marine Pilots	MAR1	\$ 83,850	\$ 1,083	\$ -	\$ 84,933	\$ 86,116	\$ 4,330	\$ 969	\$ 5,299	20,194	\$ 25,493	\$ 111,609
Foreign Pleasure Craft	FPC1	\$ 50,750	\$ 43	\$ -	\$ 50,793	\$ 2,645	\$ -	\$ 183	\$ 183	801	\$ 984	\$ 3,629
Marital & Family Therapy	MFT1	\$ 125,100	\$ 848	\$ -	\$ 125,948	\$ 57,703	\$ 3,400	\$ 709	\$ 4,109	15,798	\$ 19,907	\$ 77,610
Massage Therapists	MAS1	\$ 79,870	\$ 27,675	\$ 1,516	\$ 109,061	\$ 198,204	\$ 32,727	\$ 2,112	\$ 34,839	49,866	\$ 84,705	\$ 282,909
Mechanical Administrator	MEC1	\$ 15,725	\$ 468	\$ -	\$ 16,193	\$ 131,651	\$ 15,248	\$ 780	\$ 16,028	8,719	\$ 24,747	\$ 156,398
Medical	MED1	\$ 2,876,309	\$ 173,090	\$ -	\$ 3,049,399	\$ 1,178,755	\$ 244,946	\$ 3,723	\$ 248,669	243,980	\$ 492,649	\$ 1,671,404
Mortuary Science	MOR1	\$ 24,478	\$ 159	\$ -	\$ 24,637	\$ 9,957	\$ 3,772	\$ 353	\$ 4,125	2,971	\$ 7,096	\$ 17,053
Naturopaths	NAT1	\$ 11,438	\$ 58	\$ -	\$ 11,496	\$ 3,775	\$ 1,488	\$ 475	\$ 1,963	1,089	\$ 3,052	\$ 6,827
Nurse Aides	NUA1	\$ 230,917	\$ 2,168	\$ -	\$ 233,085	\$ 209,268	\$ 107,106	\$ 2,189	\$ 109,295	40,405	\$ 149,700	\$ 358,968
Nursing	NUR1	\$ 5,334,057	\$ 21,450	\$ 1,487	\$ 5,356,994	\$ 1,777,062	\$ 747,432	\$ 4,064	\$ 751,496	399,810	\$ 1,151,306	\$ 2,928,368
Nursing Home Administrators	NHA1	\$ 11,985	\$ 8,050	\$ -	\$ 20,035	\$ 4,560	\$ 1,594	\$ 462	\$ 2,056	940	\$ 2,996	\$ 7,556
Optometry	OPT1	\$ 154,920	\$ 10,773	\$ -	\$ 165,693	\$ 49,577	\$ 6,641	\$ 697	\$ 7,338	14,399	\$ 21,737	\$ 71,314
Pawnbrokers	PAW1	\$ 1,100	\$ 124	\$ -	\$ 1,224	\$ 7,465	\$ 558	\$ 35	\$ 593	2,302	\$ 2,895	\$ 10,360
Pharmacy	PHA1	\$ 1,169,195	\$ 7,668	\$ 1,500	\$ 1,178,363	\$ 511,790	\$ 170,753	\$ 3,643	\$ 174,396	142,932	\$ 317,328	\$ 829,118
Physical/Occupational Therapy	PHY1	\$ 151,228	\$ 2,253	\$ -	\$ 153,481	\$ 143,745	\$ 69,013	\$ 2,398	\$ 71,411	41,999	\$ 113,410	\$ 257,155
Prescription Drug Monitoring Program	PDMP	\$ 885	\$ 15	\$ 1,487	\$ 2,387	\$ 3,836	\$ -	\$ -	\$ -	-	\$ -	\$ 3,836
Professional Counselors	PCO1	\$ 76,006	\$ 2,554	\$ 237	\$ 78,797	\$ 179,057	\$ 27,281	\$ 1,823	\$ 29,104	47,604	\$ 76,708	\$ 255,765
Psychology	PSY1	\$ 159,021	\$ 1,894	\$ -	\$ 160,915	\$ 126,055	\$ 9,749	\$ 1,396	\$ 11,145	35,304	\$ 46,449	\$ 172,504
Public Accountancy	CPA1	\$ 136,860	\$ 3,621	\$ 6,304	\$ 146,785	\$ 238,569	\$ 44,627	\$ 1,461	\$ 46,088	67,490	\$ 113,578	\$ 352,147
Real Estate	REC1	\$ 228,875	\$ 4,654	\$ 2,500	\$ 236,029	\$ 393,263	\$ 114,677	\$ 1,682	\$ 116,359	86,742	\$ 203,101	\$ 596,364
Real Estate Appraisers	APR1	\$ 224,750	\$ 1,594	\$ -	\$ 226,344	\$ 118,163	\$ 12,432	\$ 1,615	\$ 14,047	29,713	\$ 43,760	\$ 161,923
Social Workers	CSW1	\$ 125,393	\$ 193,197	\$ 313	\$ 318,903	\$ 218,672	\$ 35,888	\$ 2,192	\$ 38,080	59,581	\$ 97,661	\$ 316,333
Storage Tank Workers	UST1	\$ 1,660	\$ 10,058	\$ -	\$ 11,718	\$ 3,527	\$ 1,514	\$ 112	\$ 1,626	1,088	\$ 2,714	\$ 6,241
Veterinary	VET1	\$ 332,214	\$ 252,343	\$ 2,871	\$ 587,428	\$ 155,695	\$ 25,422	\$ 1,887	\$ 27,309	43,677	\$ 70,986	\$ 226,681
No longer existent board/commission (ie Athletic)												
<b>Totals All Boards</b>		<b>\$ 15,104,733</b>	<b>\$ 1,122,875</b>	<b>\$ 24,715</b>	<b>\$ 16,252,325</b>	<b>\$ 8,303,521</b>	<b>\$ 2,563,105</b>	<b>\$ 63,221</b>	<b>\$ 2,626,326</b>	<b>\$ 1,935,851</b>	<b>\$ 4,562,177</b>	<b>\$ 12,865,698</b>

ABL & Corporations	080801005	\$ 8,405,310	\$ -	\$ -	\$ 8,405,310	\$ 1,236,980	\$ 240,649	\$ 8,621	\$ 249,270	\$ 198,151	\$ 447,421	\$ 1,684,401
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<b>DIVISION INDIRECT EXPENSES</b>	<b>Total</b>	<b>Prof Lic</b>	<b>Corp &amp; Bus Lic</b>
<b>Percentage of program direct Personal Services:</b>			
Business Supplies	48,370	48,291	79
Office Equipment	48,418	46,229	2,189
State Vehicles	4,010	3,529	481
Storage and Archives	14,374	13,932	442
Legal Support	43,567	43,567	-
Central Mail Services Postage	43,515	22,450	21,065
Software Licensing and Maintenance	105,385	105,385	-
Division Administrative Expenses - all other	409,858	405,943	3,915
Division allocated by percentage of direct personal services:	717,497	689,326	28,171
<b>Percentage of board licenses/total licensees:</b>			
Investigations indirect Personal Services	381,908	355,061	26,847
Division Administration Personal Services	1,882,940	1,733,808	149,132
Division allocated by percentage of board licenses/total licensees:	2,264,848	2,088,869	175,979
<b>Total Division Indirect Expenses</b>	<b>2,982,345</b>	<b>2,778,195</b>	<b>204,150</b>
<b>DEPARTMENT INDIRECT EXPENSES</b>	<b>Total</b>	<b>Prof Lic</b>	<b>Corp &amp; Bus Lic</b>
<b>Percentage of program direct Personal Services:</b>			
Commissioner's Office	219,006	192,725	26,281
Administrative Services - Director's Office	65,907	57,998	7,909
Administrative Services - Human Resources	37,642	33,125	4,517
Administrative Services - Fiscal	94,276	82,963	11,313
Administrative Services - Budget	64,167	56,467	7,700
Administrative Services - Information Technology	130,385	114,739	15,646
Administrative Services - Information Technology - Network & Database	20,326	17,887	2,439
Administrative Services - Mail	9,087	7,997	1,090
Administrative Services - Facilities - Maintenance	-	-	-
Department allocated by percentage of direct personal services:	640,796	563,901	76,895
<b>Percentage of board licenses/total licensees:</b>			
Department administrative services support: Fiscal, IT, Procurement	538,906	474,236	64,670
<b>Receipting transaction % by Personal Services:</b>			
Department certified transactions % by Fiscal Revenue \$	71,842	63,221	8,621
<b>Total DEPARTMENT INDIRECT EXPENSES</b>	<b>1,251,544</b>	<b>1,101,358</b>	<b>150,186</b>
<b>STATEWIDE INDIRECT EXPENSES</b>	<b>Total</b>	<b>Prof Lic</b>	<b>Corp &amp; Bus Lic</b>
<b>Percentage of program direct Personal Services:</b>			
Accounting and Payroll Systems	98,243	86,454	11,789
State Owned Building Rental (Building Leases)	206,467	181,691	24,776
State OIT Server Hosting & Storage	10,043	8,838	1,205
State OIT SQL	6,958	6,123	835
State Software Licensing	-	-	-
Human Resources	101,123	88,988	12,135
IT Non-Telecommunications (Core Cost)	318,301	280,105	38,196
IT Telecommunications	32,247	28,377	3,870
Risk Management	2,327	2,048	279
Statewide allocated by percentage of direct personal services:	775,709	682,624	93,085
<b>FY22 TOTALS BY METHODOLOGY</b>	<b>Total</b>	<b>Prof Lic</b>	<b>Corp &amp; Bus Lic</b>
Percentage of program direct Personal Services:	2,134,002	1,935,851	198,151
Percentage of board licenses/total licensees:	2,803,754	2,563,105	240,649
Receipting transaction % by Personal Services:	71,842	63,221	8,621
<b>Grand Total</b>	<b>5,009,598</b>	<b>4,562,177</b>	<b>447,421</b>

# Agenda Item 9

## Old Business

- A. Executive Session – document will be loaded into OnBoard Resources by 11/10
- B. ADEC Regulatory Changes -Leman/Garness - **Document included**
- C. Revising 12 AAC 36.145 what defines an office – Johnston / Garness / Wallis
- D. Document Retention – Johnston / Garness
- E. Create Policy on Number of References for Applications – Bell / Wallis
- F. DOT Working Group – Bridge Span -12 AAC 36.990 (44)(F) – Strait / Leman – **Document included**
- G. AELS Website – Strait / Staff
- H. Look in Minnesota’s Regulations  
RE: Review Investigation’s Process and Regulations – Leonetti
- I. Gather DEI Data from National Organizations – Johnston / Leonetti

Alaska Board of Registration for Architects, Engineers, and Land Surveyors

**Motion & Roll Call Sheet**

Made by: \_\_\_\_\_

Date: Nov 14, 2023 Time: \_\_\_\_\_

Seconded by: \_\_\_\_\_

**MOTION**

In accordance with the provisions of Alaska Statute 44.62.310 (c), I move to go into executive session for the purpose of discussion regarding case 2022-000330 with the following people present:

Board members Catherine Fritz, Jeff Garness, Ed Leonetti, Bob Bell, Elizabeth Johnston, Loren Leman, Jake Maxwell, Randall Rozier, Sterling Strait, and Fred Wallis / Board staff Sara Neal, Kelly Johnson, Investigators Billy Homestead and Patrick Kase

**PASSES UNANIMOUSLY?** Yes\_\_\_ No\_\_\_

**PASSES by ROLL CALL?** Yes\_\_\_ No\_\_\_

<b>Roll Call Vote</b>	<b>Yes</b>	<b>No</b>	<b>Abstain</b>
Bell	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cole	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fritz	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Garness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Johnston	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leman	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leonetti	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Maxwell	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rozier	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Strait	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wallis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Amendment by: \_\_\_\_\_

**From:** [Jeff Garness](#)  
**To:** [Neal, Sara J \(CED\)](#); [Catherine Fritz](#)  
**Subject:** FW: Problems with parts of the revised 18AAC72  
**Date:** Thursday, October 26, 2023 11:36:53 AM

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**CAUTION:** This email originated from outside the State of Alaska mail system. Do not click links or open attachments unless you recognize the sender and know the content is safe.

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**From:** Loren Leman <loren@lorenleman.com>  
**Sent:** Thursday, October 26, 2023 10:13 AM  
**To:** Jeff Garness <Jeff@garnessengineering.com>; Steve Pannone <Steve@panengak.com>; Michael Erdman <akcivilengineer@gmail.com>  
**Cc:** Robert Walden, PE <robertwce@gmail.com>; Bob Tsigonis <bob@lifewaterengineering.com>; Curt Holler <holler@mtaonline.net>; Pioneer Engineering LLC <pioneerllc@hotmail.com>; agiddings <agiddings@mtaonline.net>; Paul Pinard <paulpinard@hotmail.com>; Oran Woolley <oran.woolley@alaska.gov>; Bill Joiner <bill@joinerengineering.com>; Hansen, Alex <alex@goldstreamengineering.com>; Clayton Spittler <skyline.engineeringak@gmail.com>; John Barry <nevalmining@gmail.com>; Erik Mundahl <erik.mundahl@hilcorp.com>  
**Subject:** Problems with parts of the revised 18AAC72

Jeff, Steve, Mike and others on this email string,

Many years ago some of you will remember that I served in the Legislature and worked on revising the authorizing statutes for Architects, Engineers & Land Surveyors. Landscape Architects were added later. I currently serve on the AELS Board of Registration. I certainly understand the limits to engineer authority on a jobsite.

Jeff Garness and I have brought the same deficiencies in the recent changes to DEC regulations in 18AAC72 to the attention of the Department--and the full AELS Board has expressed its concern and asked for changes to some of the language DEC proposed to insert in the revised regulations. The Department of Law concurs with our comments. However, unfortunately, DEC did not incorporate what we suggested in the final version of the regulations it recently adopted. So, unless it will fix this, the problem it created may have to be elevated to a higher authority in State government.

Thank you for your constructive resolve to fix the problem areas. Best wishes with the work you do.

Loren Leman, P.E.

On 10/26/2023 9:45 AM, Jeff Garness wrote:

All,

I have added John Barry, PE (Gustavus), Clayton Spittler, PE (Soldotna), and Eric Mundahl, PE to this email chain.



The engineering community provides a very important service associated with the construction of onsite septic systems throughout the state of Alaska. If we are unwilling (or unable), because of ADEC regulations/policy, to provide that service, then commerce will be adversely impacted.

Despite concerns conveyed by Industry and the AELS Board to ADEC, they (ADEC) inserted verbiage into 18-AAC-72, the CI Manual, and the EDMS-DOC system that, in most cases, would place the engineer in the position of providing services that exceed the authority/control of the engineer on the construction project. The engineer does not have “responsible control” of the construction. We lack the control/authority to direct the contractor to do anything. The engineer only has “responsible control” of themselves (or their staff) as they observe/document (including deficiencies) the construction.

**Jeffrey A. Garness, P.E., M.S.**  
**President**

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3701 E. Tudor Road, Suite 101  
Anchorage, Alaska 99507-1259  
Phone: (907) 337-6179  
Mobile: (907) 244- 9612  
Website: [www.garnessengineering.com](http://www.garnessengineering.com)

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**From:** Steve Pannone <[Steve@panengak.com](mailto:Steve@panengak.com)>  
**Sent:** Thursday, October 26, 2023 5:31 AM  
**To:** Michael Erdman <[akcivilengineer@gmail.com](mailto:akcivilengineer@gmail.com)>  
**Cc:** Robert Walden, PE <[robertwcce@gmail.com](mailto:robertwcce@gmail.com)>; Jeff Garness <[Jeff@garnessengineering.com](mailto:Jeff@garnessengineering.com)>; Bob Tsigonis <[bob@lifewaterengineering.com](mailto:bob@lifewaterengineering.com)>; Curt Holler <[holler@mtaonline.net](mailto:holler@mtaonline.net)>; Pioneer Engineering LLC <[pioneerllc@hotmail.com](mailto:pioneerllc@hotmail.com)>; [loren@lorenleman.com](mailto:loren@lorenleman.com); agiddings <[agiddings@mtaonline.net](mailto:agiddings@mtaonline.net)>; Paul Pinard <[paulpinard@hotmail.com](mailto:paulpinard@hotmail.com)>; Oran Woolley <[oran.woolley@alaska.gov](mailto:oran.woolley@alaska.gov)>; Bill Joiner <[bill@joinerengineering.com](mailto:bill@joinerengineering.com)>; Hansen, Alex <[alex@goldstreamengineering.com](mailto:alex@goldstreamengineering.com)>  
**Subject:** RE: FW: SOP for PES under the New 18AAC72

Mike,

I added Alex Hansen with Goldstream Engineering onto the thread...

We are also dropping off our record drawings to the ADEC's office. We have stopped using EDMS for the reasons you stated and for liability reasons. I am not sure the liability issues with doing a courtesy call has... Still the code states it's the Installer of the system that is required to notify ADEC (which in my opinion is the correct way it should be...It takes the engineer out of the middle of the construction.)

I was talking with Jeff Garness yesterday and he made a good point. They may control the regulations, but we control the commerce. They may want us to use the EDMS system, but if we don't, then the public will start putting pressure on them to change. Their system puts liability on us that is unprecedented...

I talked with my Corporate Attorney about this and that is where my SOP originated from. He also recommended I use the attached disclaimer on my drawings. I am putting it out there for public consumption.

It is going to take the entire engineering community to change this. We sat through her public comment meetings and were ignored. We are currently "helping" her revise the installer's manual and being ignored...It looks like we are a box that needs to be checked... I am not really interested in wasting my time with being ignored. Between the 12 of us, we probably have close to 500 years' of real life, in the field experience. That shouldn't be wasted.

Thank you for standing up! We all need to be part of this fight.

Steven R. Pannone, P.E., F. ASCE  
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**From:** Michael Erdman <[akcivilengineer@gmail.com](mailto:akcivilengineer@gmail.com)>  
**Sent:** Wednesday, October 25, 2023 3:36 PM  
**To:** Steve Pannone <[Steve@panengak.com](mailto:Steve@panengak.com)>  
**Cc:** Robert Walden, PE <[robertwcce@gmail.com](mailto:robertwcce@gmail.com)>; Jeff Garness <[Jeff@garnessengineering.com](mailto:Jeff@garnessengineering.com)>; Bob Tsigonis <[bob@lifewaterengineering.com](mailto:bob@lifewaterengineering.com)>; Curt Holler <[holler@mtaonline.net](mailto:holler@mtaonline.net)>; Pioneer Engineering LLC <[pioneerllc@hotmail.com](mailto:pioneerllc@hotmail.com)>; [loren@lorenleman.com](mailto:loren@lorenleman.com); agiddings <[agiddings@mtaonline.net](mailto:agiddings@mtaonline.net)>; Paul Pinard <[paulpinard@hotmail.com](mailto:paulpinard@hotmail.com)>; Oran Woolley <[oran.woolley@alaska.gov](mailto:oran.woolley@alaska.gov)>; Bill Joiner <[bill@joinerengineering.com](mailto:bill@joinerengineering.com)>  
**Subject:** Re: FW: SOP for PES under the New 18AAC72

Sending again with a corrected email address for Bill Joiner.

On Wed, Oct 25, 2023 at 3:33 PM Michael Erdman <[akcivilengineer@gmail.com](mailto:akcivilengineer@gmail.com)>

wrote:

Steve,

Thank you Steve, the more engineers that voice their opinion the better. I've included a couple of additional engineers (Archie Giddings and Paul Pinard) on the email list. I agree 100% with your description of the role of Engineers. This is a key point that Tonya and perhaps others in ADEC management appear not to understand.

Your approach (SOP) differs from the one I laid out in my October 9 email but I see your logic. My thought is that we can continue to design and provide construction observation for systems installed by contractors who are not CI's, and can meet the regulatory requirement for system documentation by other means (paper DOC form and record drawings) until satisfactory changes are made to EDMS.

I had been providing a courtesy notification of construction by phone or email, but received the attached email message yesterday from Tonya Bear (through Martha Harrison), stating that I "...MUST use EDMS..." for notification. For the reasons stated in my October 9 email, I will not be doing that. As of yet Tonya has not responded to or acknowledged my Oct 9 email. Martha has indicated to me that the director (presumably Randy Bates) will be responding.

Regards,

**Mike Erdman, PE**  
Erdman & Associates Consulting Engineers  
907-232-3140 (cell)

On Wed, Oct 25, 2023 at 1:43 PM Steve Pannone <[Steve@panengak.com](mailto:Steve@panengak.com)> wrote:

Somehow you got dropped from my return email list. But I wanted you to know how I am proceeding...

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**From:** Steve Pannone

**Sent:** Wednesday, October 25, 2023 1:39 PM

**To:** [bill@joinerengineering.com](mailto:bill@joinerengineering.com)

**Cc:** 'Oran Woolley' <[oran.woolley@alaska.gov](mailto:oran.woolley@alaska.gov)>; 'Jeff Garness'

<[Jeff@garnessengineering.com](mailto:Jeff@garnessengineering.com)>; 'Curt Holler' <[holler@mtaonline.net](mailto:holler@mtaonline.net)>; 'Pioneer

Engineering LLC' <[pioneerllc@hotmail.com](mailto:pioneerllc@hotmail.com)>; 'Bob Tsigonis'  
<[bob@lifewaterengineering.com](mailto:bob@lifewaterengineering.com)>; [bill@joinerengineering.com](mailto:bill@joinerengineering.com);  
[loren@lorenleman.com](mailto:loren@lorenleman.com)

**Subject:** SOP for PES under the New 18AAC72

All,

As you know 18AAC72 (Code) was revised and implemented as of October 1, 2023. There are provisions in this Code that require Engineers that are installing and Supervising the installation of a wastewater disposal system to perform certain duties and take responsibility for the installation.

Engineers are not contractors. **We DO NOT** provide Construction Supervision. **We DO NOT** Install septic systems. We do not possess a specialty contractor's license to perform construction work. Our E&O Insurance does not allow us to be Contractors or to Supervise a Contractors work. Engineers only provide Designs, Construction Observations during the installation process, and Record Drawings if required by an Approval to Construct.

The new Code requires the Installer to notify ADEC 24 hours in advance of the work. Since we are not the Installers, **PES WILL NOT** notify ADEC of the pending work. That is the Home Owner's or Certified Installer's (CI) responsibility. The Homeowner or CI are required to Notify ADEC thru the EDMS System of the pending work.

Based on the verbiage of the new Code, I am immediately implementing the follow Standard Operating Procedures:

1. If the Owner is Certified by ADEC to install their own system, or if the Owner has hired a Certified Installer (CI), PES as the Engineer will:
  1. Perform a test hole to determine the soil type, percolation rate, and depth to ground water
  2. Develop a design based on the Code, best engineering practices and test hole results.
  3. Provide Construction Observation of the CI's installation **– IF Requested**
  4. Provide Drafting Services to develop a Record Drawing Based on the CI's Red-lined Drawings, Installation Notes, and any Construction Observation PES performed at the Home Owners or CI's Request **– IF Requested**. The Record Drawing will not be

stamped by the Registered Engineer. The Record Drawing will be turned over to the Home Owner or CI for submission by them to ADEC thru the EDMS System

2. If the Home Owner does not wish to become Certified by ADEC, or if the Installation Contractor is not a CI, or if the system type required is considered an Alternative Wastewater System, PES as the Engineer will:

1. Perform a test hole to determine the soil type, percolation rate and depth to ground water
2. Develop a Design based on the Code, best engineering practices and test hole results.
3. Submit the design to ADEC for Plan Review, and obtain an Approval to Construct from ADEC
4. Perform Construction Observation as required to ensure substantial compliance with the Design
5. Develop Record Drawings and Submit to ADEC the Certificate of Construction as required by the Approval to Construct and the Code.

Your thoughts and input is greatly appreciated. But this is how I see moving forward based on the Code in affect as of October 1, 2023.

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# Definition of Office

12 AAC 36.145

# 12 AAC 36.145 (3)

- (A) designates an individual or individuals with a current registration in this state as responsible for each field of practice; and
- (B) provides that **full authority to make all final practice decisions** on behalf of the corporation, limited liability company, or limited liability partnership for work performed by the corporation, limited liability company, or limited liability partnership in this state is granted by the board of directors of the corporation, the managing members or manager of the limited liability company, or the general partners of a limited liability partnership to the individual designated in the resolution as responsible for the relevant field of practice. The individual or individuals in responsible charge of a discipline **may grant other employees, who are registered in that discipline, the authority to seal drawings on behalf of the corporation,** limited liability company, or limited liability partnership. This **does not relieve the individual or individuals in responsible charge from responsibility for the work delegated to the other employee;**

# 12 AAC 36.145

- **(a)** Each office maintained for the preparation of drawings, specifications, reports, or other professional work that will require a professional seal must have a registrant assigned to, and regularly employed in, that office who has **direct knowledge and supervisory control of the employees of that office.**
- **(b)** While a registrant is required, the office **need not have a registrant in every discipline offered by that entity.** A registrant in an office of the entity may be in responsible charge of the work done in another for the discipline in which they are registered. **To offer a service, at least one registrant licensed in that discipline must be regularly employed by the entity**
- **(c)** For the purposes of this section, **(1)** "regularly employed" means in the office at least 20 hours per week; **(2)** "entity" means a sole practitioner, partnership, corporation, limited liability company, limited liability partnership, or governmental agency.



# 12 AAC 36.145

- **(a)** Each office maintained for the preparation of drawings, specifications, reports, or other professional work that will require a professional seal must have a registrant assigned to, and regularly employed in, that office who has direct knowledge and supervisory control of the employees of that office.
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- **(c)** For the purposes of this section, **(1)** "regularly employed" means in the office at least 20 hours per week; **(2)** "entity" means a sole practitioner, partnership, corporation, limited liability company, limited liability partnership, or governmental agency.
- **(A)** designates an individual or individuals with a current registration in this state as responsible for each field of practice; and
- **(B)** provides that full authority to make all final practice decisions on behalf of the corporation, limited liability company, or limited liability partnership for work performed by the corporation, limited liability company, or limited liability partnership in this state is granted by the board of directors of the corporation, the managing members or manager of the limited liability company, or the general partners of a limited liability partnership to the individual designated in the resolution as responsible for the relevant field of practice. The individual or individuals in responsible charge of a discipline may grant other employees, who are registered in that discipline, the authority to seal drawings on behalf of the corporation, limited liability company, or limited liability partnership. This does not relieve the individual or individuals in responsible charge from responsibility for the work delegated to the other employee;

# Records Retention & AELS

Discussion Item

08/28/2023

# Statute of Repose

- A statute of repose, like a statute of limitations, cuts off certain legal rights if they are not enacted on by a specified deadline.
- It limits the long-term liability of someone where a cause of action cannot be taken if discovered until a later date.
- In simple terms, states that have a statute of repose the clock starts ticking when a construction project is "substantially completed" and sets the timeline relating to defective design and/or construction.

# AS 09.10.055

**(a)** Notwithstanding the disability of minority described under AS [09.10.140\(a\)](#), a person may not bring an action for personal injury, death, or property damage unless commenced within 10 years of the earlier of the date of

**(1)** substantial completion of the construction alleged to have caused the personal injury, death, or property damage; however, the limitation of this paragraph does not apply to a claim resulting from an intentional or reckless disregard of specific project design plans and specifications or building codes; in this paragraph, "substantial completion" means the date when construction is sufficiently completed to allow the owner or a person authorized by the owner to occupy the improvement or to use the improvement in the manner for which it was intended; or

**(2)** the last act alleged to have caused the personal injury, death, or property damage.

**(b)** This section does not apply if

**(1)** the personal injury, death, or property damage resulted from

**(A)** prolonged exposure to hazardous waste;

**(B)** an intentional act or gross negligence;

**(C)** fraud or misrepresentation;

**(D)** breach of an express warranty or guarantee;

**(E)** a defective product; in this subparagraph, "product" means an object that has intrinsic value, is capable of delivery as an assembled whole or as a component part, and is introduced into trade or commerce; or

**(F)** breach of trust or fiduciary duty;

**(2)** the facts that would give notice of a potential cause of action are intentionally concealed;

**(3)** a shorter period of time for bringing the action is imposed under another provision of law;

**(4)** the provisions of this section are waived by contract; or

**(5)** the facts that would constitute accrual of a cause of action of a minor are not discoverable in the exercise of reasonable care by the minor's parent or guardian.

**(c)** The limitation imposed under (a) of this section is tolled during any period in which there exists the undiscovered presence of a foreign body that has no therapeutic or diagnostic purpose or effect in the body of the injured person and the action is based on the presence of the foreign body.

# Proposed Action Items

- Ask if we need to make reference to AS 09.10.055 in our regulations.
- If not, then we propose making this reference in the guidance manual.
- If yes, we propose to have a motion at the next AELS board meeting in Nov. to start a regulation project to:
  - Require that documents shall be retained by registrants for the duration of the statute of repose as defined under AS 09.10.055.

Workgroup: SE/Bridge Requirements  
Alaska AELS Board

Work Session  
November 2, 2023  
12 noon to 1 pm  
Virtual Meeting via MS Teams



Attendees:

Loren Leman, PE – AELS Board  
Sterling Strait, PE, SE – AELS Board  
Colin Maynard, PE, SE – Former AELS Board Member  
Elmer Marx – Retired AK DOT, Private Consultant  
Nickolas Oliveira, PE – HDL Civil Engineer  
Leslie Daugherty, SE – AK DOT, Chief of Bridge Design  
Nicholas Murray, SE – AK DOT, Assist. Bridge Design  
Floyd Damron, PE – Jacobs  
Liz Greer, PE, SE – AKRR, Structural Engineer  
Brian Lindamood, PE – AKRR, Chief engineer  
Jesse Escamilla, SE – AK DOT Bridge Engineer  
Paul Wallis  
Sara Neal – AELS Executive Administrator

Sterling Strait welcomed attendees and said the objective of today's meeting is to spark a discussion about the topic raised in DOT&PF Commissioner Ryan Anderson's letter proposing removing the requirement in 2012 regulation, that designs for bridges that exceed 200 feet in total span must be sealed and signed by registered SEs. Sterling expects additional meetings in follow-up to this session, with a goal of being able to deliver a recommendation to the full AELS Board at its February 2024 meeting.

Sterling presented the slideshow that is in the Nov 14-15 board packet. Noted that only four states require an SE for bridges. SE registration primarily originated from engineers focused on buildings and was subsequently expanded to include bridges.

- Question on interpretation of 12AAC36.990a44F: Total length of 200ft or each span no more than 200ft. Maynard said the intent was the total length of more than 200ft.

Leslie Daugherty

- Discussion with WA bridge engineers – consultants were not doing a good job so they requested bridge SE – 200ft span based on WA bridge inventory and covers most bridges.
- WA DOT – SE requirement has not been successful – principals get the SE license but the designers do not. No increased level of quality.
- SE Exam – has more focused on buildings. Seismic questions use force-based design principles. This is not how bridges are designed in Alaska where displacement-based methods are used.
- 46 states do not including CA – which have 25 times as many bridges w/seismic activity.
- 'Unusual bridges' already require additional oversight by federal reviewers – no current bridges meet definition of unusual bridges

Colin Maynard

- 1964 – over 100 bridges collapsed.
- We have more earthquakes than any other state.
- Without SE exam, there is no 'three-legged stool' to ensure competent bridge engineering
- 2024 the SE exam will only get tested on bridges.
- 2018 – bridge failures that made Glenn hwy close for several weeks.

<ul style="list-style-type: none"> <li>• Bridge designers have to know about seismic</li> </ul>
<p>Nicholas Murray</p> <ul style="list-style-type: none"> <li>• No bridges in 2018 were closed due to bridge structural design failure – failures occurred in the bridge approach.</li> <li>• 1964 bridges were not designed with seismic activity in mind.</li> <li>• Large percentage of Alaska bridges are over 200 ft span</li> </ul>
<p>Liz Greer</p> <ul style="list-style-type: none"> <li>• SE requirements apply to all bridges – private, DOT, railroad</li> <li>• Owner should make the call for an SE.</li> <li>• California has discussed requiring SE for bridges and deliberately declined</li> </ul>
<p>Brian Lindamood</p> <ul style="list-style-type: none"> <li>• AKRR does not benefit from the SE requirement</li> <li>• Railroad bridges designed to AREMA code (ASD based) – which is not covered on SE exam</li> <li>• Company policy is to always have an SE on staff</li> </ul>
<p>Elmer Marx</p> <ul style="list-style-type: none"> <li>• AK DOT bridge engineers directly contribute to seismic code for bridges</li> <li>• CALTRAN position they don't need testing on seismic code since they led in its development</li> <li>• Need Displacement based engineering not force based approach.</li> </ul>
<p>Nicholas Murray</p> <ul style="list-style-type: none"> <li>• All seismic states use displacement based engineering</li> <li>• AASHTO seismic design manual – this replaces the seismic portion of the AASHTO Bridge manual</li> <li>• Approach adopted by 1/3 of states.</li> <li>• Additional local requirements in Alaska DOT bridge manual</li> </ul>
<p>Elmer Marx</p> <ul style="list-style-type: none"> <li>• Federal review of AK DOT Bridge Program generated kudos for their seismic program</li> <li>• 200 ft span definition is arbitrary</li> <li>• Length should not be defining characteristic – rather complexity of design</li> </ul>
<p>Sterling Strait Question: Would you support changing the significant structure definition for bridges?</p> <ul style="list-style-type: none"> <li>• Colin – Yes – don't eliminate the requirement all together</li> <li>• Brian – Yes – other demarcation. AKRR will need special consideration. – Legacy structures</li> <li>• Leslie – Risk is with private bridges – they need SE</li> <li>• Elmer – Could bridge owner decide? SE not required</li> </ul>
<p>Loren -Barrier to entry / increased cost – will send questions out after meeting for DOTPF &amp; AKRR</p>

# SE License and Bridges

Thursday, November 2, 2023



- Background on SE License Requirements
- Reasons for and against a Bridge SE
- Options for Path Forward





# Background on SE License Requirements

## What/Why/How SE License?

- Structural Engineer (SE) License
  - Post-PE license exhibiting specialist knowledge in structural engineer
  - Emphasis on seismic design requirements
- Why a separate SE License?
  - Protect the health, safety, and welfare of the public
  - Structural engineering has evolved into a highly complex specialty
  - Additional protection for structures with high occupancy or criticality
- How does one get an SE License
  - Obtain PE license
  - Gain 2 additional years of experience
  - Pass the NCEES Structural Engineering exam

# Background on SE License Requirements

## How long as the SE License been a thing?

- SE License added in 2012
  - Part of the expansion of discipline-specific PE licenses
  - Allowed grandfathering for preexisting PEs with structural experience
- SE Regulations based on Washington State model
  - WA implemented SE License in 2008
  - 200ft Span bridge definition originated from WA regulations
  - Added at the request of WA DOT



# Background on SE License Requirements

## When is an SE Required for a Bridge

- Significant Structures requires an SE Stamp
  - 12 AAC 36.185(j) - *Drawings, engineering surveys, reports, and construction documents regarding the structural systems of a significant structure must be sealed by a registered structural engineer*
- Definition of Significant Structure
  - 12 AAC 36.990(a)(44)(F) – *“significant structures” means bridges having a total span of more than 200 feet*



# Background on SE License Requirements

## What is the State of the Industry

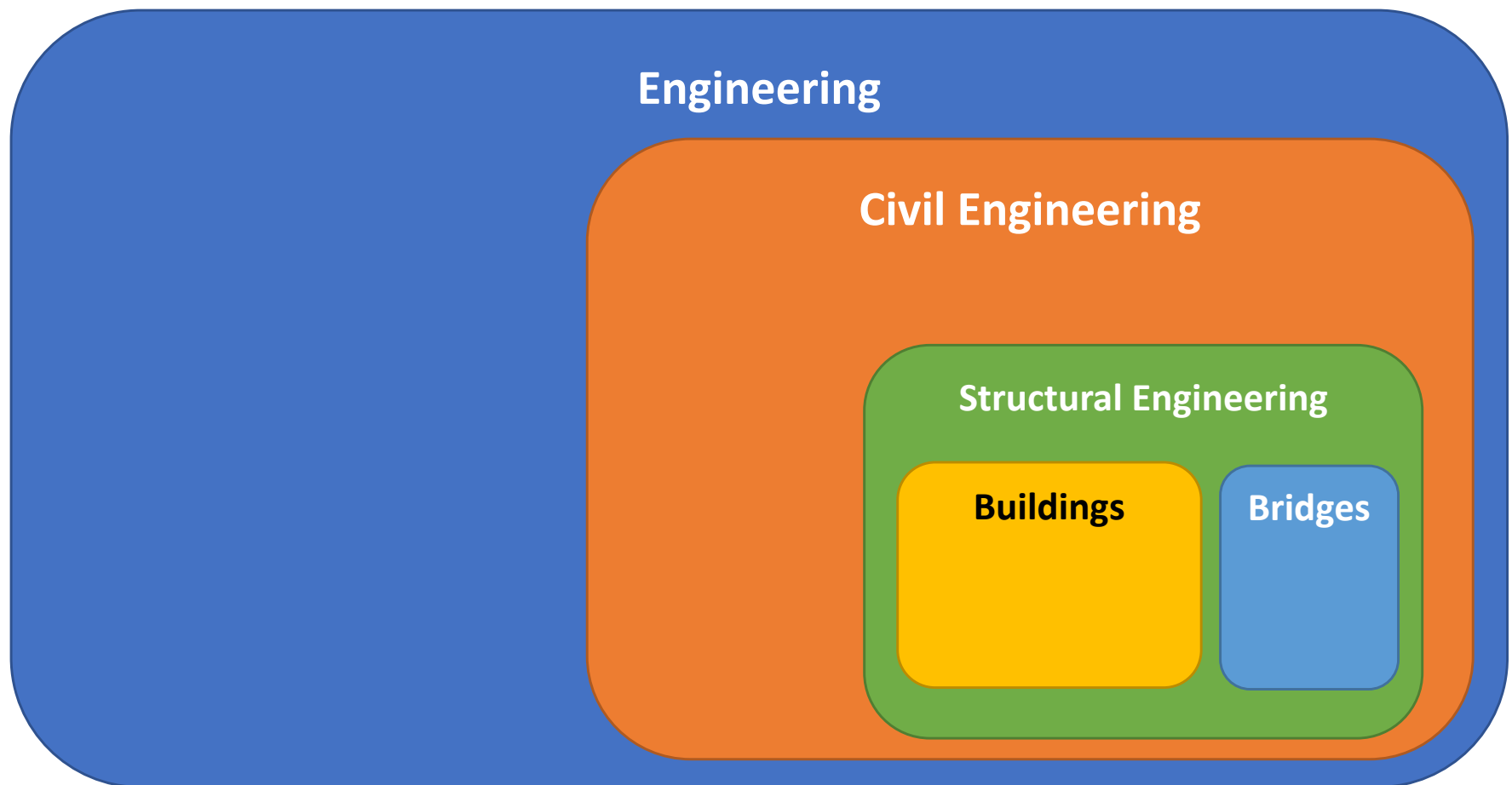
- Four States require SE for Bridges
  - Alaska & Washington – Significant Structures model
  - Illinois & Hawaii – SE required for any & all structures





# Background on SE License Requirements

## Overgeneralized Anatomy of Structural Engineering





# Background on SE License Requirements

## Structural Engineering Buildings vs Bridges

	<b>Buildings</b>	<b>Bridges</b>
Codes & Standards	IBC, ASCE 7, AISC, ASCE, NDS, + more	AASHTO
Project Funding	Public & private	Primarily public
Client Knowledge	Ranges none to high	High





# Reasons for and against a Bridge SE

## Pros

- Increased assurance that engineer is competent
  - Complex bridges require sophisticated analysis methods
  - Passing SE Exam demonstrates knowledge of advanced topics
- Improved seismic resilience
  - Alaska is a high-seismic state
  - Highways & bridges are critical and non-redundant
  - 100+ bridges impassable after 1964 earthquake
- Enhances the structural engineering community
  - Provides motivation to master complex topics



# Reasons for and against a Bridge SE

## Cons

- SE license less applicable for bridge engineering
  - Developed by and for building engineering world
  - Bridge code is centralized (AASHTO) allowing for easier use
  - Federal funding = strict oversight
- Regular inspection of bridges can identify deficiencies
  - Federal requirements mandate biannual inspections
- Difficult to attract and retain SE Licensed individuals
  - Number of SE licenses is decreasing as grandfathered licenses retire
  - Bridge engineers unlikely to pursue SE where not required



# Options for Path Forward

1. Do Nothing – Keep regulations as-is
2. Eliminate Requirements – Bridges never need SE
3. Modify Requirements – Update *sig. struct.* definition



# Options for Path Forward

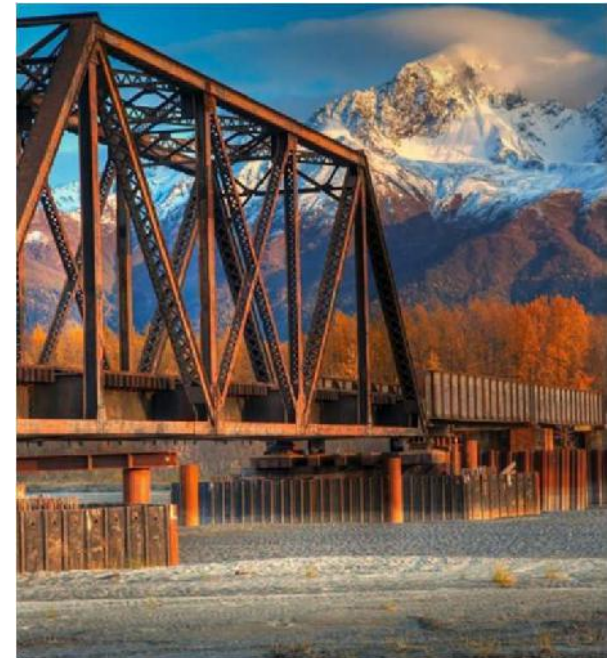
## Potential Revised Requirements

Significant Structures could include a more nuanced definition:

- Bridges with 'nonductile components and connections' and 'nonredundant members'
- Bridges classified as critical or essential
- Multi-span bridges in seismic zone 3 or 4
- Cable-stayed or suspension-type bridges
- Bridges with ADT > 10,000 vehicle/day
- Bridges with a high degree of curvature or skew

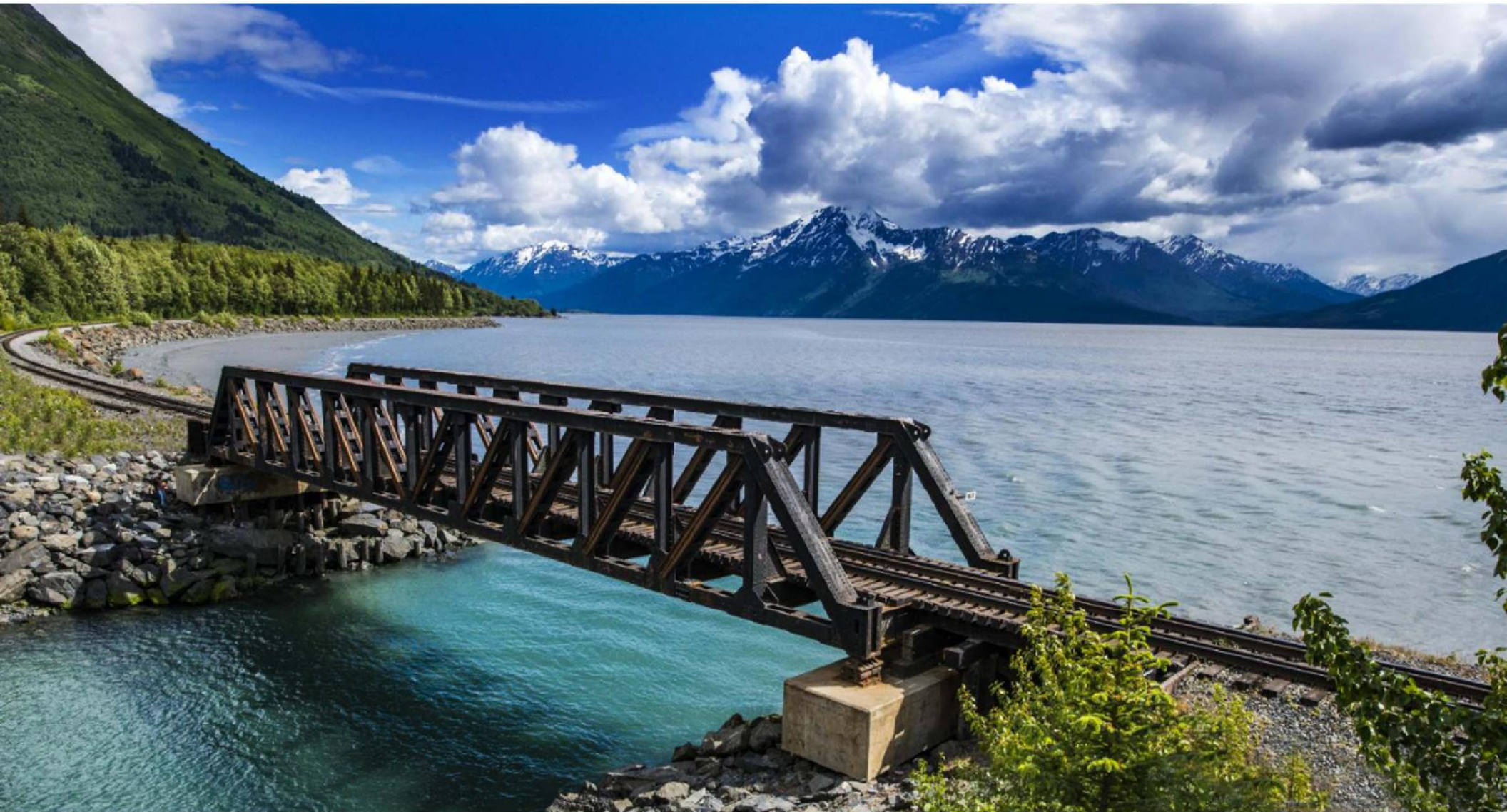
(ref: SELC Significant Structure Recommendations 2019)

<https://cdn.asce.org/selicensure/files/significant-structure-model-recommendations-updated-nov-14-2019.pdf>





# Discussion

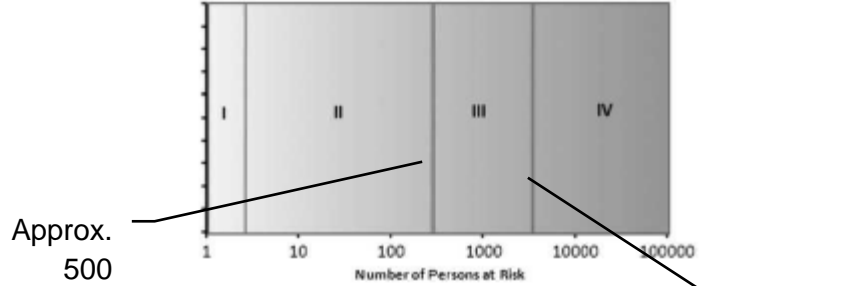


**Significant Structure Model Recommendations**

Reviewed and Approved by SELC Member Organizations

November 14, 2019

## Significant Structure Model Recommendations

<b>Significant Structure Model</b>	<b>Commentary</b>
<p>Structural engineering for the following structures should be under the responsible charge of a Licensed Structural Engineer:</p>	<p><i>This document is intended to be a general description of structures that should be designed under the responsible charge of a Licensed Structural Engineer (SE). An SE is an engineer recognized by the Authority Having Jurisdiction (AHJ) to use the title SE and practice structural engineering. Structural engineering based on more complicated methods of analysis or whose failure could impact over approximately 500 lives should be designed by SE (See Figure 1).</i></p> <div style="text-align: center;">  <p>Approx. 500</p> <p>Approx. 5000</p> <p>FIGURE C1.5-1 Approximate Relationship between Number of Lives Placed at Risk by a Failure and Occupancy Category</p> </div> <p><b>Figure 1 (Reference: American Society of Civil Engineers Standard 7, Minimum Design Loads for Buildings and Other Structures (2016), Figure C1.5-1)</b></p> <p><i>A wide range of structure types, all of which have specific code requirements and risk implications, are listed here. Each AHJ can select the structure types that are appropriate for it. The terminology and requirements here are from the International Building Code and the ASCE 7 Standard. Additionally, the requirements of several jurisdictions with partial practice restrictions were reviewed in the preparation of this document: Washington, Utah, Oregon, Georgia, Alaska, Guam, Northern Mariana Islands, California, and Nevada. Committees of the National Council of Structural Engineering Associations (NCSEA) and the Structural Engineering Institute (SEI) prepared the document.</i></p>

<p>1. <b>Buildings and other structures representing a substantial hazard to human life in the event of structural failure or that are designated as essential facilities, or that have been engineered using advanced levels of analysis including but not limited to:</b></p>	<p><i>Commentary Item 1:</i>  <i>The requirements in item 1 were developed using the IBC Table 1604.5 and ASCE 7 Table 1.5-1 for Risk Categories III and IV. Since codes and standards may be significantly reorganized in subsequent editions or may not be widely available, blanket references to any design document have been avoided. Instead, descriptions for structures in each category are used. Additionally, to reduce repetition, structure types in different risk categories were combined when possible. Terminology from the source document was maintained and any ambiguities should be clarified by the AHJ.</i></p>
<ul style="list-style-type: none"> <li>a. Buildings and other structures whose primary occupancy is public assembly with an occupant load greater than 300.</li> <li>b. Buildings and other structures containing elementary school, secondary school or day care facilities with an occupant load greater than 250.</li> <li>c. Buildings and other structures containing adult education facilities, such as colleges and universities, with an occupant load greater than 500.</li> <li>d. Foster care facilities, detoxification facilities, hospitals, nursing homes, psychiatric hospitals with an occupant load of 50 or more resident care recipients or having surgery or emergency treatment facilities.</li> <li>e. Correctional centers, detention centers, jails, prerelease centers, prisons, reformatories.</li> <li>f. Any other occupancy with an occupant load greater than 5,000.</li> <li>g. Power-generating stations, water treatment facilities for potable water, wastewater treatment facilities and other public utility facilities including those required for emergency response.</li> <li>h. Buildings and other structures containing quantities of toxic or explosive materials that are sufficient to pose a threat to the public if released.</li> <li>i. Fire, rescue, ambulance and police stations and emergency vehicle garages.</li> <li>j. Designated earthquake, hurricane, or other emergency shelters.</li> <li>k. Designated emergency preparedness, communication</li> </ul>	



<p>and operations centers and other facilities required for emergency response.</p> <ul style="list-style-type: none"> <li>l. Aviation control towers, air traffic control centers and emergency aircraft hangars.</li> <li>m. Buildings and other structures having critical national defense functions.</li> <li>n. Water storage facilities and pump structures required to maintain water pressure for fire suppression.</li> <li>o. Buildings and other structures over 45-feet in height with lateral loadings which are: <ul style="list-style-type: none"> <li>• subjected to ultimate design 3-second wind gust speeds corresponding to approximately a 3% or lower probability of exceedance in 50 years or</li> <li>• located in Seismic Design Category D and above.</li> </ul> </li> <li>p. Buildings and other occupied structures over 60 feet in height or unoccupied structures over 100 feet</li> </ul>	<p><i>Commentary Item 1.o.: Structures in Item 1-o are based on descriptions of categories included in the NCEES 16-hour SE exam. These categories reflect high wind and seismic loads and do not include one- and two-family residential housing structures. The AHJ has the discretion to include residential housing. This has been modified on November 14, 2019 to address the changes in the wind speed maps indicated in ASCE 7-16.</i></p> <p><i>Commentary Item 1.p.: This item acknowledges the effect of building height in the development of wind loads in ASCE 7-10. Several AHJ's require building heights of greater than 45 feet to 100 feet to be designed by an SE. The 60-foot value was a height that had a basis in a current code (ASCE 7 Wind Design Method) requirement for a more complicated wind analysis.</i></p>
<p><b>2. Bridges that require advanced levels of analysis or represent a substantial hazard to human life in the event of failure, including but not limited to:</b></p> <ul style="list-style-type: none"> <li>a. Bridges with “nonductile components and connections” or “nonredundant members”.</li> <li>b. Bridges which are classified as “critical or essential” as defined by the Federal Highway Administration or the</li> </ul>	<p><i>Commentary Item 2: The requirements of other states were reviewed and state department of transportation members were consulted on restrictions that have some rationale for bridges. Bridges require the American Association of State Highway Officials, LRFD Bridge Design Specifications. Railroad bridges are not included at this time.</i></p> <p><i>Commentary Item 2.a.: AASHTO Section 1.3.3 and 1.3.4 imply that these conditions require a higher factor of safety because the sudden loss of load-carrying capability may result with overloads on non-ductile and nonredundant members. For those bridges with ductile components and redundancies, there is a reserve load-carrying capacity above the design values providing additional safety. Current designs preclude the use of nonductile components, but historic bridges may include these.</i></p> <p><i>Commentary Item 2.b.: AASHTO Section 1.3.5 describes measures to be taken for bridges based on Operational Importance. Critical or</i></p>

State Department of Transportation.

- c. Bridges with aero-elastic instability, aero-elastic phenomena, or those which require wind tunnel testing.
- d. Multi-span bridges in seismic zone 3 or 4; those which require the seismic acceleration spectrum to be determined using the Site Specific Procedure; or that require multi-modal or time history seismic analysis.
- e. Bridges designed for blast loading.
- f. Bridges which are cable-stayed or suspension type.
- g. Bridges with an average daily traffic (ADT) of greater than 10000 vehicles per day
- h. Single or multi-span bridges with any span with length over 240 feet.

*essential bridges require a greater factor of safety. The definition of what is critical or essential is left up to the AHJ. Some states consider all bridges to be critical or essential. Others restrict the classification to bridges with greater traffic or if it is the only bridge for a critical defense route.*

*Commentary Item 2.d.: The 16-hour SE exam specifically tests for knowledge regarding the special requirements for the highest seismic zones 3 or 4 for bridges. For bridges in these seismic zones and for bridges requiring the analysis methods indicated, an advanced level of knowledge is required. Table 4.7.4.3.1-1, Minimum Analysis Requirements for Seismic Effects stipulates the conditions when the more advanced analysis methods are required.*

*Commentary Item 2.g.: The basis for this requirement is similar to the requirements for IBC and ASCE in buildings regarding risk categories. Those bridges with higher vehicle loads will influence more people and because of this importance should be designed by an SE. The 10000 vehicle value was selected because it is near the bottom of the building Risk Category IV. A value of 5000 was deemed too low.*

*Commentary Item 2.h.: Washington State is the only state that has a restriction for bridges based on bridge length. Their restriction includes bridges having a total span of more than two hundred feet and piers having a surface area greater than 10,000 square feet, though no basis is provided for these numbers. The 240-foot value is a restriction based on AASHTO Table 4.6.2.2b-1 Distribution of Live Loads for Moment in Interior Beam. For the more common scenario of concrete deck on concrete or steel beams, if the span is greater than 240 feet, the tabulated formulas for live load distribution cannot be used and a more rigorous analysis is required to distribute live loads.*



- i. Bridges with a high degree of curvature including a central angle greater than 12 degrees within a single span, bridges with variable widths, bridges with non-parallel substructure units or high skewed substructures of greater than 45 degrees.

*Commentary Item 2.i.: These bridge configurations require consideration of torsion effects and non-uniform superstructure stiffnesses that require a three-dimensional analysis.*

# Agenda Item 10

## Break

No documents included

# Agenda Item 11

## Outreach Event

APDC & AIA Boards – New CE Regulations

Documents included

# **AELS**

# **New Continuing**

# **Education Regulations**

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Effective October 15, 2023



# Agenda

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01. Timeline

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02. What has stayed  
the same?

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03. What has  
changed?

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04. How does the  
new regulations  
effect the audit?

---

05. What do I do if I  
have not completed  
the required 24 PDH  
hours?

---

06. Q & A



# Timeline

## October 15th

New CE regulations go into effect

## Mid to Late October

The 2024-2025 Renewal opened Oct. 16, 2023 – Renew your license online or mail on a paper application

## December 31, 2023

All registrants' licenses who have not renewed by this date or have mailed in a renewal with a postmark after this date will LAPSE! It is illegal to work with a lapsed license

If you have not completed your required 24 PDHs, **DO NOT CHECK THE BOX** on the renewal application attesting to having completed them. If you have not completed a minimum of 24 PDH's, you have two options:

1. Request Extension
2. Renew Late

## Mid February to Early March

Audit letters will be sent to randomly selected registrants.



# 02. What has stayed the same?

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- 24 hours per biennium of Professional Development Hours (PDH's) are still required
- The board does not pre-approve CE courses



# 03. What has changed?

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- Carry-forward (to the next biennial period) hours no longer allowed
- Partial exemption for those licensed 30 years or more
- New options for earning PDHs
- New forms for reporting
- New definitions
- No more than 12 PDHs may be claimed on a single calendar day
- While all hours need to be related to the professionals' scope of practice, not all hours have to be HSW





## Carry-forward no longer allowed

- To keep inline with the model rules for the national organizations it partners with, none of which allow for carry-forward hours, AEELS repealed regulation 12 AAC 36.510(e)
- Those who claimed carry-forward hours earned in 2020-2021 on the 2022-2023 renewal application can put those hours toward the required 24 PDHs on the 2024-2025 renewal application. You will be required to submit documentation for those carried-forward hours if you are randomly selected for the audit.



## Partial exemption

- Partial exemption for those who have been licensed for 30 or more years in a NCEES, NCARB, or CLARB recognized jurisdiction. Must complete 8 hours every biennial period.
- Must renew on paper application and enter state, license number, and issue date on renewal application. If state where license was issued does not have an online verification system, additional documentation will be required.



### New reporting forms for audit

- Board-approved continuing education structured report for reporting publishing, teaching, presenting, active participation in professional and technical societies, in-house programs, patents, outreach activities, and structured self-study
- Continuing Education Log for registrants who are audited

### New options for earning the required 24 PDHs

- Peer review of papers, articles, and books
- Up to 8 hours of courses that focus on **ethics or business-related activity\***
- Up to 4 PDH's for **structured self-study\*** in the subject for which the registrant holds a registration
- **Outreach activities\*** done by registrant

*\*definitions provided*



# 2024-2025 CE Structured Report

Available on AELS Website:

<https://www.commerce.alaska.gov/web/portals/5/pub/aels4878.pdf>



THE STATE  
of **ALASKA** Department of Commerce, Community, and Economic Development  
Division of Corporations, Business and Professional Licensing

Board of Registration for Architects, Engineers and Land Surveyors  
PO Box 110806, Juneau, AK 99811  
Phone: (907) 465-2550  
Email: AELSBoard@Alaska.Gov

Website: [ProfessionalLicense.Alaska.Gov/BoardOfArchitectsEngineersAndLandSurveyors](https://ProfessionalLicense.Alaska.Gov/BoardOfArchitectsEngineersAndLandSurveyors)

## Continuing Education Structured Report

Licenses must complete continuing education (CE). Proof of obtaining the required CE is required for each activity. For CE activities that do not have a method to show how the participant obtained the CE (e.g. a certificate of completion or a transcript), a Board-approved CE Structured Report may be completed by a licensee to show they obtained the CE for (e.g. publishing, teaching, presenting, active participation in professional and technical societies, in-house programs, patents, outreach activities, and structured self-study) The CE Structured Report must be maintained by the licensee as required by AAC 36.500.\*

Full Legal Name:		License Number:	
Select One:	<input type="checkbox"/> Teaching/Presenting <input type="checkbox"/> Publishing <input type="checkbox"/> Structured Self-Study <input type="checkbox"/> Society Participation <input type="checkbox"/> Patents <input type="checkbox"/> Outreach Activities <input type="checkbox"/> In-House Programs		
Location:		Date:	
Activity Title:		Hours:	

\*Additional documentation may be requested if selected for audit.

1. Description of content:

2. How did this increase or update knowledge of technical and professional subjects related to the scope of practice of the licensee?

3. Sponsor/Publisher/Provider name and contact information, as applicable:

### Signature

I attest that the above is a true and accurate accounting of the continuing education activity I have completed.

Licensee Signature:

Date Signed:

## 2024-2025 CE Log Form

Available on AELS Website:  
<https://www.commerce.alaska.gov/web/portals/5/pub/aels4587.pdf>

### Continuing Education Log: Architects, Engineers, Land Surveyors, & Landscape Architects

Biennial Renewal Period Ending December 31, 2023

All continuing education courses or activities must be in technical and professional subjects related to the scope of practice of the registrant. Activities that require a Continuing Education Structured Report include: Teaching/presenting, publishing, self-study (structured), society participation, patents, outreach activities, and in-house programs. This form may be duplicated if necessary. The Board may request additional verification records in accordance with 12AAC 36.540.

<b>Registrant Name:</b>		<b>Registration Number:</b>	
-------------------------	--	-----------------------------	--

Date of Activity	Activity Title <small>(Some activities require the submission of a Continuing Education Structured Report. See activity list in the paragraph above.)</small>	CE Structured Report (If Applicable)	Sponsoring Organization	Description	Unit of Credit or Professional Development Hours (PDHs) Earned
		<input type="checkbox"/> Yes <input type="checkbox"/> N/A			
		<input type="checkbox"/> Yes <input type="checkbox"/> N/A			
		<input type="checkbox"/> Yes <input type="checkbox"/> N/A			
		<input type="checkbox"/> Yes <input type="checkbox"/> N/A			
		<input type="checkbox"/> Yes <input type="checkbox"/> N/A			
		<input type="checkbox"/> Yes <input type="checkbox"/> N/A			



# New Definitions

## Qualifying course or activity

- (A) Means a course or activity
  - i. With a clear purpose and objective; and
  - ii. That will maintain, improve, or expand the skills and knowledge relevant to the registrant's field of practice
- (B) Does not include regular duties

## Structured self-study

Means time spent engaging in self-guided professional development

## Ethics or business-related course or activity

means a qualifying course or activity with content areas related to

- (A) Awareness of ethical concerns and conflicts;
- (B) Familiarity with the codes of conduct;
- (C) Understanding of standards of practice
- (D) Project management and risk-management; or
- (E) Other similar topics aimed at maintaining, improving, or expanding the skills set and knowledge relevant to the registrant's field and methods of practice

## Outreach activity

Includes active participation in educational outreach activities pertaining to professional licensure or the architecture, engineering, land surveying, or landscape architecture professions that involve K-12 or higher education students.

# 04. How will the new regulations effect the audit?

- Record PDH's on the new CE log
- **For the upcoming audit ONLY:** Those who claimed carry-forward hours earned in 2020-2021 on the 2022-2023 renewal application can put those hours toward the required 24 PDHs on the 2024-2025 renewal application and submit documentation for those if randomly selected for the audit. **No more carry-forward hours will be accepted after this audit cycle.**
  - No more than 12 PDHs may be claimed on a single calendar day
- Use the board-approved continuing education structured report for reporting publishing, teaching, presenting, active participation in professional and technical societies, in-house programs, patents, outreach activities, and structured self-study.



# 05. What do I do if I have not completed the required 24 PDH hours??

- **DO NOT CHECK THE BOX** on the renew application attesting that you have completed your 24 PDH Hours. This is a violation of law, and you can be penalized!
- You have two Options:
  - **Option 1**  
On or before December 31, 2023, renew on a paper application, request a maximum 30-day CE extension and pay the \$50 extension fee, On January 1, 2024, your license will be placed in “Inactive” status. You are not allowed to practice during this time. Before January 31, 2024, you must complete your 24 PDHs and submit documentation of having completed them.

PART I		Payment of Fees
Renewal Fee:	<input checked="" type="checkbox"/> Active Registration <i>(For registrations first issued on or before December 31, 2022)</i>	\$100.00
	<input type="checkbox"/> Prorated Active Registration <i>(For registrations first issued on or after January 1, 2023)</i>	\$ 50.00
	<input type="checkbox"/> Retired Registration – One-Time Fee <i>(Your registration must be in active status)</i>	\$ 25.00
Late Fee:	<input type="checkbox"/> Delayed Renewal Penalty <i>(For renewals postmarked on or after January 1, 2024)</i>	\$ 50.00
CE Extension Fee:	<input checked="" type="checkbox"/> Continuing Education Extension Fee <i>(For renewals postmarked on or before December 31, 2023. See the Continuing Education Requirements section on page 2.)</i>	\$ 50.00

I request an extension through January 31, 2024, to complete the continuing education requirement of at least 24 professional development hours (PDH) per 12 AAC 35.510(k). I understand this extension does not function as a license extension, and that my license will be placed in inactive status until the continuing education requirement is met.



# 05. What do I do if I have not completed the required 24 PDH hours??

- **DO NOT CHECK THE BOX** on the renew application attesting that you have completed your 24 PDH Hours. This is a violation of law, and you can be penalized!

- You have two Options:

- **Option 2**

Let your license lapse on December 31, 2023. Immediately complete your 24 hours of required PDHs. Do not practice until you have completed your required 24 PDHs and renewed your application, including paying the \$50 Delayed Renewal Penalty and entering the date you finished your PDH's under the "Late Renewal Applicants" section on the continuing education page of the renewal application

Late Renewal Applicants	
If your renewal application is postmarked on or after January 1, 2024:	
<input type="checkbox"/> I have completed at least 24 professional development hours to be applied toward the required PDHs for the January 1, 2022, through December 31, 2023, licensing period.	
Completed as of:	<input type="text"/>

PART I Payment of Fees		
Renewal Fee:	<input type="checkbox"/> Active Registration <i>(For registrations first issued on or before December 31, 2022)</i>	\$100.00
	<input type="checkbox"/> Prorated Active Registration <i>(For registrations first issued on or after January 1, 2023)</i>	\$ 50.00
	<input type="checkbox"/> Retired Registration – One-Time Fee <i>(Your registration must be in active status)</i>	\$ 25.00
Late Fee:	<input type="checkbox"/> Delayed Renewal Penalty <i>(For renewals postmarked on or after January 1, 2024)</i>	\$ 50.00
CE Extension Fee:	<input type="checkbox"/> Continuing Education Extension Fee <i>(For renewals postmarked on or before December 31, 2023. See the Continuing Education Requirements section on page 2.)</i>	\$ 50.00





# Q & A

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# Agenda Item 12

## New Business

- A. Board Make-up – Potential New House Bill
- B. Incoming Correspondence
  - 1. Christopher Johnston  
RE: Recommended change to 12 AAC 35.530(b)
  - 2. Mike Erdman  
ADEC EDMS Onsite Wastewater Documentation of  
Construction
- C. CE Form Revision – Updated CE Reporting Forms – Fritz / Neal

All items have documents included

# AELS Board Meeting Review

14 November 2023

Representative Tom McKay

Chief of Staff Trevor Jepsen

# Assignment

- Configure a new Board composition that better reflects current engineering disciplines and headcounts in Alaska
- Protects the Health & Safety of all Alaskans

# Current Board Make Up

Civil Engineers	2
Land Surveyors	2
Architects	2
Electrical or Mechanical	1
All Others	1
Landscape Architect	1
Mining	1
Public	1
<b>Total</b>	<b>11</b>



# Ranked Data – Largest to Smallest

Ranked Data	FY22	
	Total	
	License	% of
Engineering Discipline	Count	Total
Civil	3282	45.06%
Mechanical	998	13.70%
Electrical	823	11.30%
Architect	641	8.80%
Land Surveyor	463	6.36%
Structural	398	5.46%
Environmental	148	2.03%
Petroleum	146	2.00%
Chemical	133	1.83%
Fire Protection	59	0.81%
Landscape Architect	57	0.78%
Mining & Mineral Processing	55	0.76%
Control Systems	51	0.70%
Naval Architect & Marine Engineer	21	0.29%
Metallurgical & Materials	5	0.07%
Industrial	2	0.03%
Agriculture	1	0.01%
	<b>TOTAL</b>	<b>7283</b>
		<b>100.00%</b>





# Combine Again – Add Civil Board Member

Combine Second Time; Add to Civil	FY22		
	Total		
	License	% of	Board
	Count	Total	Numbers
Civil	3282	45.06%	2
Mechanical, Naval Architect, Marine Engineer	1019	13.99%	1
Electrical	823	11.30%	1
Architect, Structural	1039	14.27%	1
Land Surveyor	463	6.36%	1
Environmental, Agricultural	149	2.05%	1
Chemical	133	1.83%	1
Landscape Architect	57	0.78%	1
PMMPMM	206	2.83%	1
Control Systems, Industrial, Fire Protection	112	1.54%	1
	TOTAL	7283	100.00%
			11

# New Ranking – Increase to 13, no Public Member

Ranking Largest to Smallest	FY22				
	Total				Increase to 13
	License	% of	Board	Current	No public
	Count	Total	Numbers	Board	No one loses
Civil	3282	45.06%	2	2	2
Architect, Structural	1039	14.27%	1	2	2
Mechanical, Naval Architect, Marine Engineer	1019	13.99%	1		1
Electrical	823	11.30%	1	1	1
Land Surveyor	463	6.36%	1	2	2
PMMPMM	206	2.83%	1	1	1
Environmental, Agricultural	149	2.05%	1		1
Chemical	133	1.83%	1		1
Control Systems, Industrial, Fire Protection	112	1.54%	1		1
Landscape Architect	57	0.78%	1	1	1
	Remove All others			1	
	Remove Public			1	
	<b>TOTAL</b>	<b>7283</b>	<b>100.00%</b>	<b>11</b>	<b>11</b>
					<b>13</b>

# Conclusion & Recommendation

- Combine logical groups
- Remove “All Others” category
- Remove Public Member
- Increase Board to 13 members
- No position loss except for Public Member
- Solves the problem of lack of representation for each engineering category



**HOUSE BILL NO.**

IN THE LEGISLATURE OF THE STATE OF ALASKA

THIRTY-THIRD LEGISLATURE - SECOND SESSION

**BY REPRESENTATIVE MCKAY**

**Introduced:**  
**Referred:**

**A BILL**

**FOR AN ACT ENTITLED**

1 **"An Act relating to the membership of the State Board of Registration for Architects,**  
2 **Engineers, and Land Surveyors."**

3 **BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:**

4 \* **Section 1.** AS 08.48.011(b) is amended to read:

5 (b) The board consists of 11 members appointed by the governor having the  
6 qualifications as set out in AS 08.48.031. The board consists of two civil engineers,  
7 two land surveyors, [ONE MINING ENGINEER,] one electrical engineer, one [OR]  
8 mechanical engineer, one structural engineer, one engineer from another branch of  
9 the profession of engineering, two architects, [ONE LANDSCAPE ARCHITECT,]  
10 and one public member.

11 \* **Sec. 2.** AS 08.48.011(c) is repealed.

12 \* **Sec. 3.** The uncodified law of the State of Alaska is amended by adding a new section to  
13 read:

14 **TRANSITION: CURRENT BOARD MEMBERS.** Notwithstanding AS 08.48.011(b),

1 as amended by sec. 1 of this Act, and the repeal of AS 08.48.011(c) by sec. 2 of this Act, a  
2 person who holds a seat on the State Board of Registration for Architects, Engineers, and  
3 Land Surveyors on the day before the effective date of this Act may serve the remainder of  
4 the person's term. The governor shall implement the changes made by this Act as seats on the  
5 board become vacant.

Row Labels	FY19 Total License Count	FY20 Total License Count	FY21 Total License Count	FY22 Total License Count	FY22 New Issues
<b>Acupuncture</b>					
Acupuncture	136	123	127	114	3
<b>Acupuncture Total</b>	<b>136</b>	<b>123</b>	<b>127</b>	<b>114</b>	<b>3</b>
<b>Architects, Engineers and Land Surveyors</b>					
Authorized Corporation	490	519	472	526	21
Authorized Limited Liability Company	247	284	268	297	25
Authorized Limited Liability Partnership	6	6	6	6	0
Registered Professional Agriculture Engineer	1	1	1	1	0
Registered Professional Architect	592	606	597	641	25
Registered Professional Chemical Engineer	122	125	123	133	4
Registered Professional Civil Engineer	2985	3037	3047	3282	109
Registered Professional Control Systems Engineer	47	51	52	51	1
Registered Professional Electrical Engineer	714	732	734	823	22
Registered Professional Environmental Engineer	138	142	141	148	3
Registered Professional Fire Protection Engineer	46	50	54	59	6
Registered Professional Industrial Engineer	1	1	1	2	0
Registered Professional Land Surveyor	459	432	416	463	10
Registered Professional Landscape Architect	52	55	53	57	4
Registered Professional Mechanical Engineer	861	867	852	998	28
Registered Professional Metallurgical And Materials Engineer	4	5	5	5	0
Registered Professional Mining and Mineral Processing Engineer	51	51	47	55	0
Registered Professional Naval Architect And Marine Engineer	22	21	19	21	3
Registered Professional Petroleum Engineer	115	114	111	146	2
Registered Professional Structural Engineer	378	388	387	398	15
<b>Architects, Engineers and Land Surveyors Total</b>	<b>7331</b>	<b>7487</b>	<b>7386</b>	<b>8112</b>	<b>278</b>
<b>Athletic Trainers</b>					
Athletic Trainer	45	54	49	59	9
<b>Athletic Trainers Total</b>	<b>45</b>	<b>54</b>	<b>49</b>	<b>59</b>	<b>9</b>
<b>Audiologists and Hearing Aid Dealers</b>					
Audiologist	96	87	98	107	20
Hearing Aid Dealer	48	44	49	39	2
<b>Audiologists and Hearing Aid Dealers Total</b>	<b>144</b>	<b>131</b>	<b>147</b>	<b>146</b>	<b>22</b>
<b>Barbers and Hairdressers</b>					
Barber	222	240	216	226	9
Body Piercing	27	29	27	29	2

**AELS In State and Out of State Licensing #'s****As of 10/23/2023**

	<b>In State</b>	<b>Out of State</b>	<b>Total</b>
Authorized Corporations	126	350	<b>476</b>
Limited Liability Companies	183	110	<b>293</b>
Limited Liability Partnerships	2	5	<b>7</b>
Architects	233	387	<b>620</b>
Land Surveyors	285	112	<b>397</b>
Landscape Architects	32	26	<b>58</b>
Agriculture Engineers		1	<b>1</b>
Chemical Engineers	50	61	<b>111</b>
Civil Engineers	1451	1647	<b>3098</b>
Control Systems Engineers	22	29	<b>51</b>
Electrical Engineers	269	474	<b>743</b>
Environmental Engineers	34	112	<b>146</b>
Fire Protection Engineers	36	24	<b>60</b>
Industrial Engineers		1	<b>1</b>
Mechanical Engineers	347	497	<b>844</b>
Metallurgical & Materials Engineers	3	2	<b>5</b>
Mining & Mineral Processing Engineers	23	18	<b>41</b>
Naval Architect & Marine Engineers	2	19	<b>21</b>
Petroleum Engineers	53	51	<b>104</b>
Structural Engineers	132	294	<b>426</b>
<b>TOTALS</b>	<b>3283</b>	<b>4220</b>	<b>7503</b>



**From:** [Christopher Johnston](#)  
**To:** [Board of AELS \(CED sponsored\)](#)  
**Subject:** recommended change to AELS regulations under 12 AAC 36.530  
**Date:** Sunday, September 10, 2023 7:54:07 PM

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You don't often get email from christopher.f.johnston@gmail.com. [Learn why this is important](#)

**CAUTION:** This email originated from outside the State of Alaska mail system. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Sara,

I would like the AELS board to review a portion of the AAC related to license renewal exceptions for active duty military service. The current wording of Administrative Code (12 AAC 36.530.b) requires 120 days of continuous active duty for an exception, and does not allow for short gaps in between long periods of duty to qualify under this section.

I reviewed the AAC based on my circumstance and it brought to light this concern. I am an Army Reservist and I've been on several sets of active duty orders this year. I did 78 days of consecutive active duty from June to August, had a 5-day gap in between orders, and am currently on active duty orders through the end of September. I expect my current orders to be extended into the next calendar year. Under the wording of the AAC, I must be on 120 consecutive day orders to be exempt from continuing education. In my circumstance, if my orders end before December 26<sup>th</sup>, I won't be eligible for the exemption, in spite of being on near continuous active duty since June 6<sup>th</sup> because I had a gap in my active duty. And if my second continuous period of duty had begun a few days later, I would not be eligible for the exception, even if my orders extend into 2024.

In my case, I've completed some continuing education and can complete the required PDHs. However, I don't believe service members should be penalized for short gaps between long periods of active duty orders if they still meet the 120-day threshold. And I'd like to note that it is harder to complete PDHs while away from civilian employment, which in my case, provides significant support in completing PDHs.

I recommend changing the AAC wording of 12 AAC 36.530.b to delete the word "consecutive". If you feel that is too broad, consider changing it to read "exceeding 120 days within a 6-month period", which I believe still meets the intent of accommodating service members who spend a significant portion of the year on active duty.

Thank you for your consideration.

Christopher Johnston, P.E.

**From:** [Michael Erdman](#)  
**To:** [Board of AELS \(CED sponsored\)](#)  
**Subject:** Fwd: EDMS Onsite Wastewater Documentation of Construction  
**Date:** Tuesday, October 10, 2023 3:36:18 PM  
**Attachments:** [Contact Info.pdf](#)  
[Agreements and Signatures.pdf](#)  
[ADEC DOC Form.pdf](#)

You don't often get email from [akcivilengineer@gmail.com](mailto:akcivilengineer@gmail.com). [Learn why this is important](#)

**CAUTION:** This email originated from outside the State of Alaska mail system. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Sara,

I'm forwarding to you the email below which I sent to Tonya Bear, P.E. with the Alaska Dept. of Environmental Conservation (ADEC). The email outlines a number of concerns I have with the ADEC's implementation of new wastewater regulation and the Environmental Data Management System (EDMS), which is their mandatory online portal for submission of Documentation of Construction (DOC) for onsite wastewater systems.

As a number of my concerns relate to professional engineering ethics and standards of practice, AELS statutes and regulations, and AELS Board guidance, I'm asking that you elevate this to the Board for review, comment and guidance. Thank you, and if you or any of the board members or staff have questions, please contact me by email or by phone at the cell number below.

Regards,

**Mike Erdman, PE**  
Erdman & Associates Consulting Engineers  
907-232-3140 (cell)

----- Forwarded message -----

From: **Michael Erdman** <[akcivilengineer@gmail.com](mailto:akcivilengineer@gmail.com)>  
Date: Mon, Oct 9, 2023 at 4:54 PM  
Subject: EDMS Onsite Wastewater Documentation of Construction  
To: Tonya Bear <[tonya.bear@alaska.gov](mailto:tonya.bear@alaska.gov)>  
Cc: <[gene.mccabe@alaska.gov](mailto:gene.mccabe@alaska.gov)>, <[randy.bates@alaska.gov](mailto:randy.bates@alaska.gov)>, Peterson, Ryan E (DEC) <[ryan.peterson@alaska.gov](mailto:ryan.peterson@alaska.gov)>, Oran Woolley <[oran.woolley@alaska.gov](mailto:oran.woolley@alaska.gov)>, Jeff Garness <[Jeff@garnessengineering.com](mailto:Jeff@garnessengineering.com)>, Curt Holler <[holler@mtaonline.net](mailto:holler@mtaonline.net)>, Steve Pannone <[steve@panengak.com](mailto:steve@panengak.com)>, Robert Walden, PE <[robertwcce@gmail.com](mailto:robertwcce@gmail.com)>, Pioneer Engineering LLC <[pioneerllc@hotmail.com](mailto:pioneerllc@hotmail.com)>, Bob Tsigonis <[bob@lifewaterengineering.com](mailto:bob@lifewaterengineering.com)>, <[bill@joinerengineering.com](mailto:bill@joinerengineering.com)>, [loren@lorenleman.com](mailto:loren@lorenleman.com) <[loren@lorenleman.com](mailto:loren@lorenleman.com)>

Tonya,

Since ADEC implemented mandatory online submission of Documentation of Construction (DOC) for onsite wastewater systems, first with OASYS and then with EDMS, I and other

engineers have expressed serious concerns with the process and the specifics of the online documentation.

My key concerns are as follows:

1. The EDMS DOC process requires that engineers acknowledge being "*responsible for ensuring that the system meets regulatory requirements*" (see attached screenshot of the EDMS DOC Contact Information screen). This is a fundamental misstatement of the role engineers play in the oversight and inspection of construction. Excavation contractors install the systems and have direct control and responsibility for construction, including conformance with the Engineer's design and ADEC regulations & requirements. As is typical on nearly all construction projects, large and small, Engineers provide oversight and periodic inspections in a "Quality Assurance/Quality Control" role, in accordance with generally accepted standards of professional practice.

Signing the EDMS DOC as it is now configured could subject engineers to "strict" of "contractual" liability for any defect in construction or materials, even if there is no negligence or fault on the part of the engineer. Accepting greater liability than the typical "negligent acts, errors or omissions" is normally excluded from coverage under professional liability insurance policies. It could also be considered a violation of ethics or standards of professional practice to acknowledge a role which does not truthfully and accurately represent the Engineer's role on a project.

2. Item #1 of the Agreements and Signature(s) screen (see attached screenshot) requires engineers to certify that documents were prepared "*...in accordance with a system constructed to assure that qualified personnel properly gather and evaluate the information submitted...*" I am unclear as to the precise meaning of this language or the requirements of this "system". This wording also ignores the role of contractors in complying with design and regulatory requirements, and providing information regarding portions of the system which may not be observed by representatives of the Engineer during their limited inspections.

3. The separation distance data entry section requires identification of private wells within 200 feet and public wells within 400 feet, distances which are twice the regulatory minimum separation. Since 18 AAC 72 requires only verification that minimum separation distances are met, what is the authority and reasoning for requiring this additional information? Every additional piece of information, although seemingly minor individually, adds time and expense to the process, ultimately increasing the cost of projects.

4. The most recent changes to the EDMS DOC system, instituted following adoption of the new wastewater regulations, require the engineers to certify the separation between the septic system and property line. Since Engineers cannot legally establish property boundaries under their registration as professional engineers, this section cannot be completed. Unfortunately, this is now one of the mandatory form fields.

We advise clients to have property corners located and, if necessary, boundary lines staked prior to construction. We are not aware of widespread issues with construction encroaching on neighboring properties, and would therefore be opposed to having pre or post construction surveys mandated in 18 AAC 72.

5. The EDMS data entry process consists almost entirely of mandatory form fields. If not

completed with the expected data, the submission cannot be completed. There should be some means to "opt out" of entering the requested information where unusual circumstances exist, with a provision to add explanatory notes.

The concerns outlined above include items related to professional ethics, the professional practice of engineering, and compliance with AELS statutes and regulations and AELS Board guidance. I intend to refer these concerns to the AELS Board for their consideration. Pending AELS Board review and guidance, and your response to these concerns, I cannot continue to utilize the online EDMS DOC system. To fulfill my obligation under 18 AAC 72.550 in the interim, I intend to submit record drawings and the attached ADEC Documentation of Construction form to document any systems for which I am the engineer of record.

It would be helpful and appreciated if you would expand the scope of the ongoing dialogue between the department and the engineers/installers regarding the OWSIM, to include these and other concerns with the EDMS system. In my discussions with other engineers and contractors, I've not encountered anyone who is opposed to meaningful changes which will provide some valuable improvement to the process or address a current deficiency. We are opposed to unnecessary changes which add time, effort and cost to the process, costs which are ultimately borne by the owners.

Thanks for your time, and I look forward to working with you to resolve these issues.

Regards,

**Mike Erdman, PE**  
Erdman & Associates Consulting Engineers  
907-232-3140 (cell)

# Document of Construction - Part 2

version 1.11

(Submission #: HPY-62F4-9F4HH, version 1)

## Details

---

**DOC -** 1975 S Laurie Meadows Dr, Laurie Meadows 4 1

**Submission ID** HPY-62F4-9F4HH

**Status** In Process

## Fees

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**WQ\_49119** \$115.00

**Payments/Adjustments** (\$115.00)

**Balance Due** \$0.00 (Paid)

## Form Input

---

### Contact Information

Note: The system automatically collects the information on who is filling out the form.

**Person who is responsible for ensuring that the system meets regulatory requirements**

Registered Engineer

**Is this an alternative wastewater system**

No

#### Registered Engineer

**First Name**      **Last Name**

Michael              *Erdman*

**Company Name**

*Erdman & Associates*

**Phone Type**    **Number**              **Extension**

Business            19072323140

**Email**

akcivilengineer@gmail.com

**Address**

5200 E Dunbar Drive

Wasilla, AK 99654

**License Number (e.g., CE 1234)**

CE6252

**Engineering Company Certificate of Authorization number (If applicable)**

NONE PROVIDED

## Agreements and Signature(s)

---

18 AAC 72.550 (c) requires the signature of a certified installer or approved homeowner upon submission. 18 AAC 72.550 (c) and 18 AAC 72.650 (c) requires the registered engineer seal, signature, and date. **Upon submission, this application applies the engineer's e-signature and date within an engineering seal.** 18 AAC 72.920. Professional submittals. Information required to be submitted by a registered engineer or land surveyor under this chapter must bear the signature and the Alaska registration seal, or the signature and Alaska registration number, of that professional. (Eff. 6/30/90, Register 114) 18 AAC 72.990. Definitions. (78) "sealed" means prepared by a registered engineer or a person under that engineer's direct supervision, and bearing the signature and seal of that engineer as required by AS 08.48.221 and 12 AAC 36.185; Engineers must print and place an original hand signature over the seal and retain an original copy of the documents accessible for later reference to satisfy the requirements of 12 AAC 36.185(f).

By submitting this form, I

1) certify under penalty of law that this document and all attachments were prepared under my direction or supervision **in accordance with a system constructed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of a fine and imprisonment for knowing violations.**

2) certify that I have the authority as required by 18 AAC 72 to sign this submittal;

3) certify that I am the applicant as identified by the myAlaska identity verification system;

4) for certified installers and approved homeowners, certify that I installed the wastewater system in accordance with 18 AAC 72 and the Onsite Wastewater System Installation Manual;

5) for registered engineers, certify that I or a person under my responsible charge, conducted inspections at appropriate times **to ensure the system was constructed according to my design, prescriptive construction standards, 18 AAC 72, and guidance provided in the OWSIM;**

6) agree that I am signing this documentation of construction;

7) agree that I intend to be bound by the electronic record of this documentation of construction and,

8) understand that under State and Federal law, criminal penalties apply for falsely certifying a document. If I submit information that I know is false, I could face imprisonment, fines, or both.

**Signed** Michael Erdman on 10/05/2023 at 6:34 PM  
**By**

Date Received	<b>State of Alaska</b> <b>Department of Environmental Conservation</b> <b>Documentation of Construction</b> <b>Conventional Onsite Wastewater System</b>	Processed by:
		Date:
		SEPTS Key #:

**Part I. General Information**

Legal Description	PAN or Tax ID#:		
Street Address	City (or nearest community):		
Coordinates	Latitude:	Longitude:	Datum: <b>NAD-83</b>
Installer Information	Name:	Email:	Phone:

**Part II. Wastewater Disposal System**

Facility Served	<input type="checkbox"/> Private Residence	<input type="checkbox"/> Multi-family	<input type="checkbox"/> Small Commercial (< 500 gpd)	<input type="checkbox"/> Commercial (500 gpd to 2500 gpd)		
	<input type="checkbox"/> Combined Residential & Commercial (< 2500 gpd)	Total # Bedrooms:	# of Buildings:	Total Design Flow (gpd):		
	<i>For Commercial Facilities: show design flow calculations in Comments section below or attach a separate page</i>					
<input type="checkbox"/> New System <input type="checkbox"/> Repair/Replace Existing: <input type="checkbox"/> All <input type="checkbox"/> Septic Tank <input type="checkbox"/> Soil Absorption System <input type="checkbox"/> Other: <small>(state decommissioning/inspection results of existing components):</small>						
System Installed By: <input type="checkbox"/> Certified Installer <input type="checkbox"/> Approved Homeowner			Notification Date:			
<input checked="" type="checkbox"/> Registered Engineer/Supervision or Inspection by Registered Engineer			Date Installed:			
Septic Tank	Capacity (gal):	# of Compartments:	Material:	Manufacturer:		
Lift Station	Manufacturer:	Pump (make/model):	Alarms: <input type="checkbox"/> Yes <input type="checkbox"/> No			
Type of Field	<input type="checkbox"/> Deep Trench	<input type="checkbox"/> Shallow Trench	<input type="checkbox"/> Leach Pit	<input type="checkbox"/> Bed <input type="checkbox"/> 5-Wide		
Soils – Visual and Perc Test	Classification:	Application Rate:	Percolation Rate (min/inch):			
Attach percolation test results or other soils report sealed by registered professional engineer as applicable.						
Soil Absorption System Details	Length (ft):	Width (ft):	Rock Depth:	Effective Area (sq ft):		
	Rock Grade:	Gravelless Media: # of Units:	Unit Area:	Manufacturer:		
Freeze Protection	Septic Tank		Absorption Area	Sewer Lines		
	Soil Cover (feet)					
	Insulation (inches)					
Cleanout Pipes	# Cleanout(s):	# Septic Tank Vents:	# Leach Field Monitor Tubes:			
Vertical Separation Distance from Bottom of Soil Absorption System to: Groundwater Impermeable Soils						
Horizontal Separation Distances <small>(measured from nearest edge to nearest edge)</small>	list distances to <u>all</u> nearest:	Private Well	Public Well	Waterline	Surface Water	Property Line
	Septic Tank					
	Soil Absorption System					
	Lift Station					
	Sewer Line(s)					
Horizontal Separation Distance from Soil Absorption System to Slope exceeding 25%:						
Comments/Criteria used to size commercial facility <i>(state type of facility, # people, gpd/person, etc.):</i>						
The information provided above is correct, to the best of my knowledge and belief:						
Signature		Printed Name				
Title or Certification No.		Date				

NOTE: Certified Installers or Approved Homeowners must sign and date. Professional Engineers must seal, sign, and date.



November 9, 2023

Ms. Catherine Fritz, Chair  
AELS Board  
550 W 7<sup>th</sup> Ave, STE 1500  
Anchorage, AK 99501-3567

RE: Draft Legislation; AELS Board Composition

Dear Chairwoman Fritz:

I am writing on behalf of the American Society of Landscape Architects (ASLA) to express our strong opposition to the proposed legislation that seeks to modify the composition of the Alaska State Board of Registration for Architects, Engineers, and Land Surveyors (AELS Board) by eliminating the dedicated Landscape Architecture seat from this licensing board.

Founded in 1899, ASLA serves as the professional association for landscape architects in the United States, representing over 15,000 members, with chapters in all 50 states and the District of Columbia. Landscape architects have a significant impact on public health, safety, and welfare, and are licensed in all 50 states and the District of Columbia. Landscape architects design multimodal transportation systems, nature-based stormwater management systems, parks, living shorelines, walkable neighborhoods, and community masterplans.

We would like to share our concerns about the proposed legislation. Granting exclusive regulatory control to separate and distinct professions over another, such as landscape architecture, would be both unjust and unwise for the following key reasons:

- The board would be devoid of landscape architecture subject matter expertise that's needed to adequately set standards for landscape architecture licensure and practice requirements.
- The absence of a dedicated AELS Board seat for landscape architects would result in inadequate regulatory representation and a shortfall of subject matter expertise regarding the responsible practice of landscape architecture.
- Conflicts of interest among allied professions are likely to arise when areas of overlapping practice are at issue. In such cases, it is absolutely crucial for all professions to be adequately represented on multi-disciplinary boards, to ensure a fair and balanced regulatory environment.





Therefore, it is imperative that the landscape architecture profession continues to have a seat on the AELS Board and remain an integral part of the state's regulatory framework.

We appreciate the opportunity to share our concerns and request that the AELS Board strongly oppose this draft legislation and support the preservation of a dedicated landscape architecture AELS board seat.

Sincerely,

A handwritten signature in black ink that reads "Elizabeth Hebron". The script is fluid and cursive, with the first letter of each word being capitalized and prominent.

Elizabeth Hebron, Hon. ASLA  
Director, State Government Affairs



1900 Reston Metro Plaza  
Suite 600  
Reston, Virginia 20190

November 13, 2023

Honorable Thomas McKay  
State Capitol  
Juneau, Alaska 99801

Dear Representative McKay:

The Council of Landscape Architectural Registration Boards (CLARB) would like to take this opportunity to share our concerns and opposition to legislation that would remove the expertise of a profession from the State Board of Registration for Architects, Engineers, and Land Surveyors (AELS).

As the national organization representing licensing boards for landscape architecture, we understand the importance of regulating landscape architecture as well as having subject matter experts from each profession represented on licensing Boards to ensure the public's health, safety, and welfare is protected. Professional Board members are also essential to provide expertise in areas of practice overlap as well as determining improper practice of a profession.

While practice overlap exists between related design disciplines regulated by the AELS Board, landscape architecture remains a standalone and distinct profession with an emphasis on keeping the public safe from hazards, protecting natural resources, and sustainably managing the natural and built environments surrounding our homes and communities. The adverse risks and consequences of negligent, unqualified, unethical, or incompetent persons engaging in landscape architectural design services without the requisite oversight are significant economically, environmentally, and can result in irreparable physical harm.

As a result, CLARB supports retaining landscape architecture expertise on the AELS Board and **opposes legislation that would eliminate the landscape architect seat**. Landscape architects perform critical infrastructure and site improvement projects every year that impact the daily lives of Alaskans and it is critical the profession's voice remains on the AELS Board.

We appreciate the opportunity to weigh in on this draft legislation and value Alaska's membership in our organization. We will continue to support the AELS Board in protecting Alaskans and the unique environments throughout the state by retaining a landscape architect seat on the AELS Board and ensuring design professionals are practicing responsibly.

Respectfully,

# CLARB

1900 Reston Metro Plaza  
Suite 600  
Reston, Virginia 20190

A handwritten signature in blue ink, appearing to read 'mmil', is positioned above the printed name and title.

Matt Miller

Chief Executive Officer, Council of Landscape Architectural Registration Boards (CLARB)

**Department of Commerce, Community and Economic Development**  
**Division of Corporations, Business and Professional Licensing**  
**Board of Registration for Architects, Engineers and Land Surveyors**  
 PO Box 110806, Juneau, AK 99811  
 Phone: (907) 465-2550  
 Email: [AELSBoard@Alaska.Gov](mailto:AELSBoard@Alaska.Gov)

Website: [ProfessionalLicense.Alaska.Gov/BoardOfArchitectsEngineersAndLandSurveyors](http://ProfessionalLicense.Alaska.Gov/BoardOfArchitectsEngineersAndLandSurveyors)

## Continuing Education Log: Architects, Engineers, Land Surveyors, & Landscape Architects

Biennial Renewal Period Ending December 31, 2023

All continuing education courses or activities must be in technical and professional subjects related to the scope of practice of the registrant. Activities that require a Continuing Education Structured Report include: Teaching/presenting, publishing, self-study (structured), society participation, patents, outreach activities, and in-house programs. This form may be duplicated if necessary. The Board may request additional verification records in accordance with 12AAC 36.540.

<b>Registrant Name:</b>	<b>Registration Number:</b>
-------------------------	-----------------------------

Date of Activity	Activity Title <small>(Some activities require the submission of a Continuing Education Structured Report. See activity list in the paragraph above.)</small>	CE Structured Report (If Applicable)	Sponsoring Organization	Description	Unit of Credit or Professional Development Hours (PDHs) Earned
		<input type="checkbox"/> Yes <input type="checkbox"/> N/A			
		<input type="checkbox"/> Yes <input type="checkbox"/> N/A			
		<input type="checkbox"/> Yes <input type="checkbox"/> N/A			
		<input type="checkbox"/> Yes <input type="checkbox"/> N/A			
		<input type="checkbox"/> Yes <input type="checkbox"/> N/A			
		<input type="checkbox"/> Yes <input type="checkbox"/> N/A			

Date of Activity	Activity Title (Some activities require the submission of a Continuing Education Structured Report. See activity list in the paragraph above.)	CE Structured Report (If Applicable)	Sponsoring Organization	Description	Unit of Credit or Professional Development Hours (PDHs) Earned
		<input type="checkbox"/> Yes <input type="checkbox"/> N/A			
		<input type="checkbox"/> Yes <input type="checkbox"/> N/A			
		<input type="checkbox"/> Yes <input type="checkbox"/> N/A			
		<input type="checkbox"/> Yes <input type="checkbox"/> N/A			
		<input type="checkbox"/> Yes <input type="checkbox"/> N/A			
		<input type="checkbox"/> Yes <input type="checkbox"/> N/A			
		<input type="checkbox"/> Yes <input type="checkbox"/> N/A			
		<input type="checkbox"/> Yes <input type="checkbox"/> N/A			
		<input type="checkbox"/> Yes <input type="checkbox"/> N/A			
		<input type="checkbox"/> Yes <input type="checkbox"/> N/A			
<i>Copy this form or attach additional pages as necessary.</i>					<b>Total PDHs Earned:</b>



**Board of Registration for Architects, Engineers and Land Surveyors**

PO Box 110806, Juneau, AK 99811

Phone: (907) 465-2550

Email: [AELSBoard@Alaska.Gov](mailto:AELSBoard@Alaska.Gov)

Website: [ProfessionalLicense.Alaska.Gov/BoardOfArchitectsEngineersAndLandSurveyors](http://ProfessionalLicense.Alaska.Gov/BoardOfArchitectsEngineersAndLandSurveyors)

## Continuing Education Structured Report

Licensees must complete continuing education (CE). Proof of obtaining the required CE is required for each activity. For CE activities that do not have a method to show how the participant obtained the CE (e.g. a certificate of completion or a transcript), a Board-approved CE Structured Report may be completed by a licensee to show they obtained the CE for (e.g. publishing, teaching, presenting, active participation in professional and technical societies, in-house programs, patents, outreach activities, and structured self-study) The CE Structured Report must be maintained by the licensee as required by AAC 36.500.\*

<b>Full Legal Name:</b>		<b>License Number:</b>	
<b>Select One:</b>	<input type="checkbox"/> Teaching/Presenting <input type="checkbox"/> Publishing <input type="checkbox"/> Structured Self-Study <input type="checkbox"/> Society Participation <input type="checkbox"/> Patents <input type="checkbox"/> Outreach Activities <input type="checkbox"/> In-House Programs		
<b>Location:</b>		<b>Date:</b>	
<b>Activity Title:</b>		<b>Hours:</b>	

\*Additional documentation may be requested if selected for audit.

1. Description of content:

2. How did this increase or update knowledge of technical and professional subjects related to the scope of practice of the licensee?

3. Sponsor/Publisher/Provider name and contact information, as applicable:

### Signature

I attest that the above is a true and accurate accounting of the continuing education activity I have completed.

<b>Licensee Signature:</b>		<b>Date Signed:</b>	
----------------------------	--	---------------------	--

# Agenda Item 13

## Public Comment

No documents included

# Agenda Item 14

## Licensing Examiner's Report

A. Update on staff approval process – Neal

Documents included



THE ALASKA BOARD OF REGISTRATION FOR ARCHITECTS, ENGINEERS, AND LAND SURVEYORS  
EXAMINER'S REPORT FOR November 14<sup>th</sup> & 15<sup>th</sup>, 2023

**[46]** Applications received for the [November 14<sup>th</sup> & 15<sup>th</sup>, 2023] Board Review: ([19] comity applications and [27] exam applications)

LICENSE TYPE	COMITY	EXAM	TOTAL
Agriculture Engineer	0	0	0
Architect	0	4	4
Chemical Engineer	1	0	1
Civil Engineer	6	11	17
Control Systems Engineer	0	0	0
Electrical Engineer	3	2	5
Environmental Engineer	1	1	2
Fire Protection Engineer	0	0	0
Industrial Engineer	0	0	0
Land Surveyor	0	2	2
Landscape Architect	1	1	2
Mechanical Engineer	3	4	7
Metallurgical & Materials Engineer	0	0	0
Mining & Mineral Processing Engineer	0	1	1
Naval Architect & Marine Engineer	0	0	0
Petroleum Engineer	0	1	1
Structural Engineer	0	4	4

**Submissions of NCEES/NCARB/CLARB Transmittals by Comity Applicants**

NCEES Record-NO MLE
7

**September: Submissions of NCEES/NCARB/CLARB Transmittals by Comity Applicants**

NCEES	NCARB	CLARB	Conditionally Approved
3	1	0	2

**October: Submissions of NCEES/NCARB/CLARB Transmittals by Comity Applicants**

NCEES	NCARB	CLARB	Conditionally Approved
7	3	1	4

**Exam Results: Quarterly results for July-October 2023**

EXAM	PASS	FAIL	NO SHOW	EXAM	PASS	FAIL	NO SHOW	EXAM	PASS	FAIL	NO SHOW
FE	16	11	0	PE	18	10	0	AKLS	0	0	0
FS	3	1	0	PS	1	0	0	SE	0	0	0

**Quarterly Breakdown of Application Board Reviews and Licenses Issued Guide (page 2-3):**

Denied/Incomplete + Condition Approved + Board Approved = Board Reviewed Total  
 Board Approved + Licensed after competing CA + Licensed after Exam = Total Licensed Issued  
 In State Reviewed + Out of State Reviewed = Board Reviewed Total

THE ALASKA BOARD OF REGISTRATION FOR ARCHITECTS, ENGINEERS, AND LAND SURVEYORS  
EXAMINER'S REPORT FOR November 14<sup>th</sup> & 15<sup>th</sup>, 2023

FY24 Quarterly Breakdown of Application Board Reviews and Licenses Issued:

**1<sup>st</sup> Quarter Dates:** July 1st-September 30<sup>th</sup>, 2023

License Type	Board Reviewed Total	Denied/ Incomplete	Condition Approved	Board Approved	Staff CA	Staff Approved	Licensed after completing CA-Arctic, JQ, or WEV	Licensed after Exam	Total License Issued	In State reviewed	Out of State reviewed
Agriculture Engineer	0	0	0	0	0	0	0	0	0	0	0
Architect	12	0	6	1	1	4	0	0	0	3	9
Chemical Engineer	2	0	1	1	0	0	0	0	0	0	2
Civil Engineer	33	1	22	4	1	5	3-JQ/1-Arctic	1	14	19	14
Control Systems Engineer	1	0	1	0	0	0	0	0	0	0	1
Electrical Engineer	7	0	4	3	0	2	0	0	0	3	6
Environmental Engineer	0	0	0	0	0	0	0	0	0	0	0
Fire Protection Engineer	1	0	0	1	0	0	0	0	0	0	1
Industrial Engineer	0	0	0	0	0	0	0	0	0	0	0
Land Surveyor	4	0	4	0	0	0	0	0	0	2	2
Landscape Architect	0	0	0	0	0	0	0	0	0	0	0
Mechanical Engineer	9	0	7	2	0	2	0	0	1	5	6
Metallurgical & Materials Engineer	0	0	0	0	0	0	0	0	0	0	0
Mining & Mineral Processing Engineer	0	0	0	0	0	0	0	0	0	0	0
Naval Architect & Marine Engineer	1	0	0	1	0	0	0	0	0	0	1
Nuclear Engineer	0	0	0	0	0	0	0	0	0	0	0
Petroleum Engineer	3	0	3	0	0	0	0	0	0	3	0
Structural Engineer	13	0	5	7	0	1	0	0	0	3	10

**2<sup>nd</sup> Quarter Dates:** October 1<sup>st</sup> – December 31<sup>st</sup>, 2022

License Type	Board Reviewed Total	Denied/ Incomplete	Condition Approved	Board Approved	Licensed after completing CA-Arctic, JQ, or WEV	Licensed after Exam	Total License Issued	In State reviewed	Out of State reviewed
Agriculture Engineer	0	0	0	0	0	0	0	0	0
Architect	1	0	0	1	1-Arctic	0	2	0	1
Chemical Engineer	2	0	1	1	1-JQ	0	2	0	2
Civil Engineer	30	0	14	16	2-Arctic/2-JQ	8	28	14	16
Control Systems Engineer	0	0	0	0	0	1	1	0	1
Electrical Engineer	13	0	8	5	4-Arctic	0	9	4	5
Environmental Engineer	4	0	2	2	0	2	4	3	1
Fire Protection Engineer	0	0	0	0	0	0	0	0	0
Industrial Engineer	0	0	0	0	0	0	0	0	0
Land Surveyor	2	0	2	0	0	1	1	1	1
Landscape Architect	0	0	0	0	0	1	1	0	0
Mechanical Engineer	6	0	5	1	2-Arctic	2	5	3	3
Metallurgical & Materials Engineer	0	0	0	0	0	0	0	0	0
Mining & Mineral Processing Engineer	1	0	0	1	0	0	1	0	1
Naval Architect & Marine Engineer	1	0	0	1	0	0	1	0	1
Nuclear Engineer	0	0	0	0	0	0	0	0	0
Petroleum Engineer	0	0	0	0	0	2	2	2	0
Structural Engineer	2	0	1	1	2-Arctic	0	3	0	3

THE ALASKA BOARD OF REGISTRATION FOR ARCHITECTS, ENGINEERS, AND LAND SURVEYORS  
EXAMINER'S REPORT FOR November 14<sup>th</sup> & 15<sup>th</sup>, 2023

**3<sup>rd</sup> Quarter Dates:** January 1<sup>st</sup> – March 31<sup>st</sup>, 2023

License Type	Board Reviewed Total	Denied/ Incomplete	Condition Approved	Board Approved	Licensed after completing CA- Arctic, JQ, or WEV	Licensed after Exam	Total License Issued	In State reviewed	Out of State reviewed
Agriculture Engineer	0	0	0	0	0	0	0	0	0
Architect	13	0	5	8	4-Arctic/1-Transcript verified	0	13	0	13
Chemical Engineer	0	0	0	0	0	0	0	0	0
Civil Engineer	38	0	20	18	4-Arctic	14	36	15	23
Control Systems Engineer	1	0	0	1	0	0	1	0	1
Electrical Engineer	6	0	2	4	2-Arctic	3	9	0	6
Environmental Engineer	1	0	1	0	0	0	0	0	1
Fire Protection Engineer	1	0	1	0	1-JQ	0	1	0	1
Industrial Engineer	0	0	0	0	0	0	0	0	0
Land Surveyor	5	1	4	0	0	0	0	5	0
Landscape Architect	2	0	2	0	1-Arctic	1	2	0	2
Mechanical Engineer	5	0	2	3	1-Arctic	2	6	1	4
Metallurgical & Materials Engineer	0	0	0	0	0	0	0	0	0
Mining & Mineral Processing Engineer	0	0	0	0	0	0	0	0	0
Naval Architect & Marine Engineer	1	0	0	1	0	0	1	0	1
Nuclear Engineer	0	0	0	0	0	0	0	0	0
Petroleum Engineer	0	0	0	0	0	0	0	0	0
Structural Engineer	6	0	3	3	1-Arctic	0	4	1	5

**4<sup>th</sup> Quarter Dates:** April 1<sup>st</sup> – June 30<sup>th</sup>, 2023

License Type	Board Reviewed Total	Denied/ Incomplete	Condition Approved	Board Approved	Staff Approved	Licensed after completing CA- Arctic, JQ, or WEV	Licensed after Exam	Total License Issued	In State reviewed	Out of State reviewed
Agriculture Engineer	0	0	0	0	0	0	0	0	0	0
Architect	8	1	2	5	1	1-Arctic/1-JQ	0	8	0	8
Chemical Engineer	0	0	0	0	0	0	1	1	1	0
Civil Engineer	42	0	23	19	2	10-Arctic/JQ-4/1-VO FE/1-LOR	18	55	14	28
Control Systems Engineer	1	0	0	1	0	0	0	1	1	0
Electrical Engineer	17	0	8	9	0	4-Arctic/1-JQ	1	15	2	15
Environmental Engineer	3	0	0	3	0	0	0	3	1	2
Fire Protection Engineer	0	0	0	0	0	0	0	0	0	0
Industrial Engineer	0	0	0	0	0	0	0	0	0	0
Land Surveyor	1	0	1	0	0	0	7	7	0	1
Landscape Architect	1	0	1	0	0	1-JQ	0	1	0	1
Mechanical Engineer	22	0	15	7	1	5-Arctic/2-JQ/1-Ref info	1	17	8	14
Metallurgical & Materials Engineer	0	0	0	0	0	0	0	0	0	0
Mining & Mineral Processing Engineer	0	0	0	0	0	0	0	0	0	0
Naval Architect & Marine Engineer	0	0	0	0	0	0	0	0	0	0
Nuclear Engineer	0	0	0	0	0	0	0	0	0	0
Petroleum Engineer	0	0	0	0	0	0	0	0	0	0
Structural Engineer	15	1	6	8	2	5-Arctic/1-JQ	1	17	1	14

**THE ALASKA BOARD OF REGISTRATION FOR ARCHITECTS, ENGINEERS, AND LAND SURVEYORS**  
**EXAMINER'S REPORT FOR November 14<sup>th</sup> & 15<sup>th</sup>, 2023**

FY24 Quarterly Breakdown of Application Board Reviews **October 1<sup>st</sup> – October 16<sup>th</sup>**

Licenses Issued to date ending: **October 31<sup>st</sup>, 2023**

License Type	Staff Approved	Licensed after completing CA-Arctic, JQ, or WEV	Licensed after Exam	To Date Licenses Issued	In State-Staff Approved	Out of State-Staff Approved
Agriculture Engineer	0	0	0	0	0	0
Architect	3	1-Arctic & JQ	0	5	0	3
Chemical Engineer	0	0	0	0	0	0
Civil Engineer	3	1-JQ	2	6	0	3
Control Systems Engineer	0	0	0	0	0	0
Electrical Engineer	0	0	0	2	0	2
Environmental Engineer	3	0	0	0	0	0
Fire Protection Engineer	1	0	0	1	0	1
Industrial Engineer	0	0	0	0	0	0
Land Surveyor	0	0	0	0	0	0
Landscape Architect	1	0	0	0	0	0
Mechanical Engineer	0	2-Arctic/1-JQ	1	5	0	5
Metallurgical & Materials Engineer	0	0	0	0	0	0
Mining & Mineral Processing Engineer	0	0	0	0	0	0
Naval Architect & Marine Engineer	0	0	0	0	0	0
Nuclear Engineer	0	0	0	0	0	0
Petroleum Engineer	0	0	0	0	0	0
Structural Engineer	0	1-Arctic	0	1	1	0

License Type	Active
Agriculture Engineer	1
Architect	624
Chemical Engineer	111
Civil Engineer	3102
Control Systems Engineer	52
Electrical Engineer	744
Environmental Engineer	147
Fire Protection Engineer	61
Industrial Engineer	1
Land Surveyor	397
Landscape Architect	58
Mechanical Engineer	845
Metallurgical & Materials Engineer	5
Mining & Mineral Processing Engineer	41
Naval Architect & Marine Engineer	21
Nuclear Engineer	0
Petroleum Engineer	105
Structural Engineer	426

**FY22 thru FY24 Professional License Statistics- (this information uses dates beginning July 1<sup>st</sup> – October 31<sup>st</sup> for each fiscal year)**

**Individual Licenses:**

License Type	FY24 total License Count	FY23 Total License Count	FY22 Total License Count
Agriculture Engineer	0	0	0
Architect	10	31	25
Chemical Engineer	1	3	4
Civil Engineer	25	147	107
Control Systems Engineer	0	3	1
Electrical Engineer	8	45	22
Environmental Engineer	2	7	3
Fire Protection Engineer	2	2	6
Industrial Engineer	0	0	0
Land Surveyor	1	8	10
Landscape Architect	0	4	4
Mechanical Engineer	12	45	27
Metallurgical & Materials Engineer	0	0	0
Mining & Mineral Processing Engineer	0	1	0
Naval Architect & Marine Engineer	1	2	3
Nuclear Engineer	0	0	0
Petroleum Engineer	0	2	2
Structural Engineer	10	32	15

**Firm Licenses:**

License Type	FY24 Total Licensed	FY23 Total Licensed	FY22 Total Licensed
Authorized Corporation	7	20	19
Authorized Limited Liability Corporation	8	26	25
Authorized Limited Liability Partnership	0	1	0

**Renewals and retired as of November 1<sup>st</sup>, 2023:**

Renewals/Retired	Firm	Individual
Renewals Received before 12/31/2023	70	1410
Renewals Received on/after 01/01/2024	N/A	N/A
Retired Registrations	0	4

**Licenses Issued to date ending: October 31<sup>st</sup>, 2023:**

License Type	Active
Authorized Corporations	477
Authorized Limited Liability Corporation	293
Authorized Limited Liability Partnership	7

## Staff Approval Policy Process

Applicants that met the requirements of the Staff Approval Policy were reviewed by staff. In September there were 4 applicants 2 of which were approved and the other 2 were conditionally approved. In October 11 applicants 7 of which were approved and the other 4 were conditionally approved. This resulted in a total of 15 applicants reviewed and with 9 being licensed by staff. Applications had to be received by the 10<sup>th</sup> of each month. After applications were reviewed by both Kelly and Sara, applications were uploaded into Onboard and the board was emailed by the 16<sup>th</sup> of each month with the list of applicants. The board was given from the 16<sup>th</sup> to the end of the month to review the applications and licenses were issued the last day of the month.

One applicant in October met all the staff-approval requirements except for his verifier was not in the same discipline as the applicant. We opted to have the board review this applicant and look to the board to provide further guidance on this situation.

In sharing this new policy with Deputy Director Glenn Saviers, she asked the board to consider decreasing the board review time so the process would take less than a month. Another procedural change the AELS board is asked to consider, is to review applications through the mail ballot system and not make applicants wait until the board meetings. All other boards currently review applicants using mail ballots in Onboard which cuts down the time from applying to licensure.

This new option for applicants is not being advertised by staff yet. If the board desires, a notification can be published on the Application page of the AELS website.

# Agenda Item 15

## Application Review Questions

A. Danh Vu

Applicant Information in Onboard Resources

# Agenda Item 16

## Break

No documents included

# Agenda Item 17

## Committee Reports

- A. Overview of Committee Rules
- B. Investigative Advisory Committee – Leonetti
  - 1. Investigative Report – Kase – **Document included**
- C. Outreach Committee – Maxwell
  - 1. 2024 Newsletter articles
  - 2. February 2024 outreach event – UAA Engineer / Land Surveyor Forum “Pathway to Licensure”
- D. Guidance Manual Committee – Rozier
  - 1. Define HSW for Board Policies & Historical Information
  - 2. Completed CE Structured Reports - **Document included**
  - 3. Define responsible charge experience – **Document included**
  - 4. Digital Signatures
- E. Legislative Liaison Committee – Leman
  - 1. EA Salary Issue
  - 2. SB73 Update – Fritz
- F. Education Committee – Johnston
  - 1. On-demand Cold Regions Design Course – Fritz / Johnston 9/27 meeting – **Document included**
  - 2. UW Course Content – Rozier / Leman 10/27 meeting – **Document included**

Agenda Item 18 – Recess



### **Committees of the board**

- a. Are comprised exclusively of board members
- b. Are usually formed as standing committees to work through regular or recurring business of the board prior to presentation for board action
- c. Are advisory and do not act on behalf of the board
- d. Must be publicly noticed in the same manner as a board meeting

Examples: AELS Outreach Committee – meets periodically to discuss ongoing stakeholder outreach; AELS Legislative Liaison Committee – meets periodically to discuss ongoing legislation or legislative proposals affecting the board

### **2. Subcommittees of the board**

- a. Are comprised exclusively of board members
- b. Are usually not standing committees—they serve to examine a short-term or finite issue or problem, like a task force
- c. Should be created by the board and include clear objectives and timelines for completion of their work
- d. Are advisory and do not act on behalf of the board
- e. Must be publicly noticed in the same manner as a board meeting

Example: REC Teams Disclosure Subcommittee – met several times to work on updates to the forms and regulations relating to legal disclosures

2

### **3. Workgroups of the board**

- a. May include public persons
- b. Serve to examine a short-term or finite issue or problem, like a task force
- c. Should be created by the board and include clear objectives and timelines for completion of their work
- d. Are advisory and do not act on behalf of the board
- e. Do not require public notice unless more than three or a majority of board members, whichever is less, are serving
- f. *May* be publicly noticed if public comment is solicited or if the group desires a highly transparent process

Examples: GUI Concession Program Workgroup – meets regularly through 2023 with representatives from other state agencies and industry to develop plans for legislative proposal in 2024; MED Physician Assistant Workgroup – meets regularly with non-board stakeholders to review and suggest updates to physician assistant regulations

To put this guidance into context, here is a link to the to the Open Meetings Act. Sections relevant to this

guidance are highlighted below. Be sure to read the law in its entirety for full and accurate comprehension.

#### **[AS 44.62.310. Government meetings public.](#)**

(h) In this section,

(1) “governmental body” means an assembly, council, board, commission, committee, or other similar body of a public entity with the authority to establish policies or make decisions for the public entity or with the authority to advise or make recommendations to the public entity;

“governmental body” includes the members of a subcommittee or other subordinate unit of a governmental body if the subordinate unit consists of two or more members;

(2) “meeting” means a gathering of members of a governmental body when

(A) more than three members or a majority of the members, whichever is less, are present, a matter upon which the governmental body is empowered to act is considered by the members

collectively, and the governmental body has the authority to establish policies or make decisions for a public entity; or

(B) more than three members or a majority of the members, whichever is less, are present, the gathering is prearranged for the purpose of considering a matter upon which the governmental body is empowered to act, and the governmental body has only authority to advise or make recommendations for a public entity but has no authority to establish policies or make decisions for the public entity;



**MEMORANDUM**

DATE: October 31, 2023  
 TO: Architects, Engineers, and Land Surveyors  
 THRU: Erika Prieksat, Chief Investigator *EP*  
 FROM: Patrick Kase, Investigator  
 RE: Investigative Report for the November 14, 2023 Meeting

The following information was compiled as an investigative report to the Board for the period of August 08, 2023 thru October 31, 2023; this report includes cases, complaints, and intake matters handled since the last report.

Matters opened by the Paralegals in Anchorage and Juneau, regarding continuing education audits and license action resulting from those matters are covered in this report.

**OPEN - 10**

<u>Case Number</u>	<u>Violation Type</u>	<u>Case Status</u>	<u>Status Date</u>
<b>ENGINEER</b>			
2020-000410	Unprofessional conduct	Complaint	04/28/2020
2020-000411	Unprofessional conduct	Complaint	04/28/2020
2020-000840	Negligence	Investigation	05/10/2023
2021-000423	Unprofessional conduct	Investigation	07/19/2022
<b>LAND SURVEYOR</b>			
2023-000295	Incompetence	Intake	04/18/2023
2023-000817	Unethical conduct	Intake	07/31/2023
2021-000667	Unethical conduct	Complaint	09/27/2021
2021-000675	Negligence	Complaint	10/06/2021

2023-000082	Unlicensed practice or activity	Complaint	06/28/2023
2023-000265	Incompetence	Complaint	05/09/2023

**Closed - 2**

<b><u>Case #</u></b>	<b><u>Violation Type</u></b>	<b><u>Case Status</u></b>	<b><u>Closed</u></b>	<b><u>Closure</u></b>
<b>ENGINEER</b>				
2023-000862	Unethical conduct	Closed-Intake	09/15/2023	No Action - No Violation
<b>LAND SURVEYOR</b>				
2022-000330	Unlicensed practice or activity	Closed-Complaint	10/02/2023	No Action - No Violation

***END OF REPORT***

Outreach Committee – Oct 3 – Noon – 1pm

Attendance: Jake Maxwell, Sterling Strait, Randall Rozier / Staff – Sara Neal

1. Newsletter articles – Have by Nov board meeting

Ideas: by Nov 1<sup>st</sup> – Strait will compile

- a. State Fire Marshal – Lloyd Nakano – Maxwell /
  - b. Top Three Violations -IA Committee – minutes from Aug 28
  - c. updates to CE – Johnston - Sara
  - d. SB 126(paragraph) – photo- Leman - Sara
  - e. COA Write-up – paragraph – Strait /
  - f. Signing docs – Strait,
  - g. Note from chair – Fritz - Sara
2. Plan Nov Outreach – APDC/AIA – CE Updates – Johnston to present
3. Feb outreach – Pathway to Licensure – UAA students – check w/Leman for ideas maybe Fairbanks?

# AELS ALASKA

Alaska State Board of Registration for Architects, Engineers, and Land Surveyors

2024 Newsletter

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## Message from the Chair

The AELS Board has accomplished several important milestones during the past year. We successfully updated our statutes through the passage of SB 126 in May 2023. Many thanks to Senator Bjorkman and the Senate Labor and Commerce Committee for sponsoring this legislation that cleaned up many outdated provisions. One specific change now allows the Board's Executive Director to approve straightforward comity applications, which results in faster authorization for licensure. The AELS Board has also been actively engaged in SB73, a bill to register interior designers. The Board has opposed the addition of interior design to its make-up, but has also suggested modifications to SB73 if the legislation



**Catherine Fritz AIA**  
**AELS Board Chair**

## STAMPING FAQ

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**Q:** As a licensed design professional, how do I know when something requires a stamp and signature?

**A:** Check out Alaska Statute 08.48.221 which requires that you stamp and sign technical documents when they are issued as final thus certifying that they were prepared under your responsible charge and that they are within your field of practice. Examples include drawings, specifications, surveys, plats, plates, reports, or similar document.

proceeds. This bill will continue to be followed through the 2024 legislative session. In 2025, the AELS Board will undergo a sunset review by the legislative audit division. The audit report, along with other reports and testimony, is considered by the Legislature when determining if there is a continuing public need for the board.

The Board facilitated several important regulation changes during the past year, too. One of these is the continuing education program that provides more options for completing the required 24 biennial professional development hours (PDHs). There is a new provision that allows registrants with more than 30 years of practice to complete a reduced number of PDHs (8 hours per biennial period). Outreach events and information on the AELS website are being provided to inform registrants of the new provisions.

Improving communication and coordination with state agencies has been one of the Board's ongoing priorities. The state fire marshal attended the May 2023 meeting to share information on permitting and inspection topics, and the Board formed a working group to interface with the Alaska Department of Environmental Conservation on wastewater disposal regulations.

All Board members are active participants in their respective professions, and many are serving in leadership roles with affiliated national organizations. I will be completing 8 years of service with the AELS Board in March, 2024, as will my mining engineer colleague, Fred Wallis. It has been very gratifying to broaden my experience in public service, and to engage with so many dedicated and talented colleagues from around the state. I encourage all registrants to stay abreast of issues of your licensing board, and to consider applying for board service. The Board schedules at least one open public testimony period during each meeting, and the meetings are always available for you to listen and testify (when applicable) via Zoom

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## SB126 Becomes Law

This past legislative session design professionals scored a victory when SB126 passed the Legislature and was signed into law by Governor Dunleavy. This legislation was requested by the State Board of Registration for Architects, Engineers, and Land Surveyors and updates outdated portions of statutes without making substantive changes.

One change clarifies that electrical and mechanical engineers may serve on the Board at the same time. This could be helpful because after civil engineering, these two disciplines have the second and third most registrants in Alaska.

Another change clarifies that a registrant who seals and signs a document must do the work or be in responsible charge of it **and** the work must be in the registrant's field of practice. This aligns the law with how the professions have long practiced and how regulations are written.

The bill also provides numerous edits and updates to the statutes, adds two new definitions, eliminates duplication, transfers some provisions to regulation, acknowledges that documents are now transmitted electronically, and the Board no longer administers exams, and adds limited partnerships to the corporate entities that can be issued certification for professional practice. A registrant who wants to see more detail may request the sectional analysis from Board staff.

We are grateful to the Legislature for being willing to tackle legislation important to our professions and give a special shoutout to Senator Jesse Bjorkman and his Labor & Commerce Committee aide, Laura Achee, for their yeoman's work in sponsoring this bill and shepherding it through the Legislature.

Loren Leman, P.E.  
Chair, Legislative Liaison Committee  
AELS Board



SB126 signing with Governor Mike Dunleavy, Senator Jesse Bjorkman, DEC Commissioner Jason Brune, and AELS Board Members Bob Bell, Loren Leman, Jeff Garness



## Tips from the Board

# Continuing Education: **UPDATES**

PENDING - Summary of recent updates to CEU requirements

DRAFT

### COA FAQ

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Q: When do I require a Certificate of Authorization (COA)?

A: Any corporation, Limited liability corporation, limited liability partnership, or limited partnership which offers architectural, engineering, land surveying, or landscape architecture services must have a COA before practicing or offering to practice in Alaska. See AS 08.48.241 for more detail.

## Getting Involved with the Board: How to make board business YOUR business

The Alaska State Board of Registration for Architects, Engineers, and Land Surveyors exists to protect the public interest through regulation of the professions in AS 08.48. While you may only think about the board when it's time to renew your license, there are many ways to engage with the board—and many reasons why you might want to do so:

### Why should I engage with board business?

The board meets at least quarterly to discuss matters relating to practice, licensure, and enforcement of its laws. Every topic the board considers relates to professional practice, including continuing education, sealing, alignment with national standards, and responsible charge, to name a few.

When these topics arise, the board deliberates and, often, must propose a regulations project to ultimately codify its intended changes. Feedback from licensees has a profound effect on the outcome of these projects, which ultimately affects the daily professional work of licensees.

### How can I engage in board business?

The simplest way to begin is by listening in to a board meeting or a meeting of a committee of the board. These are all published on the board's [web page](#) and in the state's [Online Public Notice System](#).

If you are seeking to serve on a deeper level, board membership is an exciting responsibility. Members are appointed by the governor and serve up to two four-year terms. The AELS board will have five vacant seats in early 2024. Now is an excellent time to ask whether you are being called to service in this way. Board members must be fair and impartial, willing to dig deep into the details and thoughtfully explore all angles of an issue.

Regulatory boards differ vastly from non-profit or corporate boards, so please reach out if you're interested in learning more. When you are ready to apply, the governor's [Office of Boards and Commissions](#) office can assist. We'd love to welcome you to the toughest job you'll ever love.

Sara Chambers, DCCED Boards and Regulations Advisor



## AELS Board Information

### Upcoming Board Meeting Schedule

February 8 - 9

May 10 - 11

August 23 - 24

### Upcoming Exam Dates

NCEES SE Exam:

April 13 - 14

October 26 - 27

AKLS Exam

TBD April

### Upcoming Application Deadlines

January 9

April 10

July 24

Registration applications must be received 30 days before AELS Board meeting or processing will be delayed until the next meeting.

### Contact Info

Phone: (907) 465-2550

Email: [AELSboard@Alaska.Gov](mailto:AELSboard@Alaska.Gov)

State of Alaska/DCCED  
Division of Corporations, Business  
and Professional Licensing  
AELS Board  
P.O. Box 110806  
Juneau, AK 99811-0806

**From:** [Randall Rozier](#)  
**To:** [Neal, Sara J \(CED\)](#)  
**Subject:** HSW-Definition  
**Date:** Tuesday, November 14, 2023 12:41:14 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)  
[image006.png](#)

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For sharing:

### Health Safety and Welfare

The protection and well-being of the general public.

Health: Aspects of professional practice that improve the physical, emotional, and social well-being of occupants, users, and any others affected by buildings, infrastructures, and sites.

Safety: Aspects of professional practice that protect occupants, users, and any others affected by buildings, infrastructures, or sites from harm.

Welfare: Aspects of professional practice that enable equitable access, elevate human experience, encourage social interaction, develop the wise use of resources, and benefit the built and natural environments.

**Randall Rozier, AIA** | Principal

**Main.** 907.456.5780 | **Mobile.** 907.687.1179

212 Front Street, Suite 200 Fairbanks, AK 99701

**BETTISWORTH**  
**NORTH**





THE STATE  
of

**ALASKA**

Department of Commerce, Community, and Economic Development  
Division of Corporations, Business and Professional Licensing

**Board of Registration for Architects, Engineers and Land Surveyors**

PO Box 110806, Juneau, AK 99811

Phone: (907) 465-2550

Email: [AELSBoard@Alaska.Gov](mailto:AELSBoard@Alaska.Gov)

Website: [ProfessionalLicense.Alaska.Gov/BoardOfArchitectsEngineersAndLandSurveyors](http://ProfessionalLicense.Alaska.Gov/BoardOfArchitectsEngineersAndLandSurveyors)

## Continuing Education Structured Report

Licensees must complete continuing education (CE). Proof of obtaining the required CE is required for each activity. For CE activities that do not have a method to show how the participant obtained the CE (e.g. a certificate of completion or a transcript), a Board-approved CE Structured Report may be completed by a licensee to show they obtained the CE for (e.g. publishing, teaching, presenting, active participation in professional and technical societies, in-house programs, patents, outreach activities, and structured self-study) The CE Structured Report must be maintained by the licensee as required by AAC 36.500.

<b>Full Legal Name:</b>	Pam Stalworth	<b>License Number:</b>	222222
<b>Select One:</b>	<input checked="" type="checkbox"/> Teaching/Presenting <input type="checkbox"/> Publishing <input type="checkbox"/> Self-Study (Structured) <input type="checkbox"/> Society Participation* <input type="checkbox"/> Patents* <input type="checkbox"/> Outreach Activities <input type="checkbox"/> In-House Programs*		
<b>Location:</b>	Kenai, AK	<b>Date:</b>	12/13/22
<b>Activity Title:</b>	Site Design in the Arctic	<b>Hours:</b>	2

*\*Additional documentation required for this category if selected for audit.*

1. Description of content:

Site design for a 40,000 s.f. building and how local land use codes affect the buildable area of a parcel

2. How did this increase or update knowledge of technical and professional subjects related to the scope of practice of the licensee?

Learned about how parking requirements affect the total buildable area of a parcel and can actually reduce the allowable s.f. of a building on a parcel.

3. Sponsor/Publisher/Provider name and contact information, as applicable:

Mountain Designs

### Signature

I attest that the above is a true and accurate accounting of the continuing education activity I have completed.

**Licensee Signature:**

**Date Signed:**



THE STATE  
of

**ALASKA**

Department of Commerce, Community, and Economic Development  
Division of Corporations, Business and Professional Licensing

**Board of Registration for Architects, Engineers and Land Surveyors**

PO Box 110806, Juneau, AK 99811

Phone: (907) 465-2550

Email: [AELSBoard@Alaska.Gov](mailto:AELSBoard@Alaska.Gov)

Website: [ProfessionalLicense.Alaska.Gov/BoardOfArchitectsEngineersAndLandSurveyors](http://ProfessionalLicense.Alaska.Gov/BoardOfArchitectsEngineersAndLandSurveyors)

## Continuing Education Structured Report

Licensees must complete continuing education (CE). Proof of obtaining the required CE is required for each activity. For CE activities that do not have a method to show how the participant obtained the CE (e.g. a certificate of completion or a transcript), a Board-approved CE Structured Report may be completed by a licensee to show they obtained the CE for (e.g. publishing, teaching, presenting, active participation in professional and technical societies, in-house programs, patents, outreach activities, and structured self-study) The CE Structured Report must be maintained by the licensee as required by AAC 36.500.

<b>Full Legal Name:</b>	Rachel Adams	<b>License Number:</b>	852693
<b>Select One:</b>	<input type="checkbox"/> Teaching/Presenting <input type="checkbox"/> Publishing <input type="checkbox"/> Self-Study (Structured) <input type="checkbox"/> Society Participation* <input type="checkbox"/> Patents* <input type="checkbox"/> Outreach Activities <input checked="" type="checkbox"/> In-House Programs*		
<b>Location:</b>	Juneau, AK	<b>Date:</b>	1/15/2023
<b>Activity Title:</b>	3D laser scanner	<b>Hours:</b>	1

*\*Additional documentation required for this category if selected for audit.*

1. Description of content:

Technical laser scanning training session for 3D-design aid

2. How did this increase or update knowledge of technical and professional subjects related to the scope of practice of the licensee?

Learned how to properly set up and operate a 3D laser scanner to collect the necessary data and information to show the existing conditions of a utility. The objective is to use this data to properly design civil and mechanical connections to existing pipes.

3. Sponsor/Publisher/Provider name and contact information, as applicable:

Scanners R us

### Signature

I attest that the above is a true and accurate accounting of the continuing education activity I have completed.

<b>Licensee Signature:</b>		<b>Date Signed:</b>	
----------------------------	--	---------------------	--



THE STATE  
of

**ALASKA**

Department of Commerce, Community, and Economic Development  
Division of Corporations, Business and Professional Licensing

**Board of Registration for Architects, Engineers and Land Surveyors**

PO Box 110806, Juneau, AK 99811

Phone: (907) 465-2550

Email: [AELSBoard@Alaska.Gov](mailto:AELSBoard@Alaska.Gov)

Website: [ProfessionalLicense.Alaska.Gov/BoardOfArchitectsEngineersAndLandSurveyors](http://ProfessionalLicense.Alaska.Gov/BoardOfArchitectsEngineersAndLandSurveyors)

## Continuing Education Structured Report

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<b>Full Legal Name:</b>	Joel Whitlow	<b>License Number:</b>	824356
<b>Select One:</b>	<input type="checkbox"/> Teaching/Presenting <input type="checkbox"/> Publishing <input type="checkbox"/> Self-Study (Structured) <input type="checkbox"/> Society Participation* <input type="checkbox"/> Patents* <input checked="" type="checkbox"/> Outreach Activities <input type="checkbox"/> In-House Programs*		
<b>Location:</b>	Anchorage, AK	<b>Date:</b>	4/5/2022
<b>Activity Title:</b>	ASCE outreach activity	<b>Hours:</b>	1

*\*Additional documentation required for this category if selected for audit.*

**1. Description of content:**

Local outreach to Kincaid Elementary

**2. How did this increase or update knowledge of technical and professional subjects related to the scope of practice of the licensee?**

Learned the value of communicating with students and how they arrive at the school and how safety of ingress/egress of the site is challenging at their school

**3. Sponsor/Publisher/Provider name and contact information, as applicable:**

Anchorage School District

### Signature

I attest that the above is a true and accurate accounting of the continuing education activity I have completed.

<b>Licensee Signature:</b>		<b>Date Signed:</b>	
----------------------------	--	---------------------	--



THE STATE  
of

**ALASKA**

Department of Commerce, Community, and Economic Development  
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## Continuing Education Structured Report

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<b>Full Legal Name:</b>	Eldon Bloomington	<b>License Number:</b>	856749
<b>Select One:</b>	<input type="checkbox"/> Teaching/Presenting <input checked="" type="checkbox"/> Publishing <input type="checkbox"/> Self-Study (Structured) <input type="checkbox"/> Society Participation* <input type="checkbox"/> Patents* <input type="checkbox"/> Outreach Activities <input type="checkbox"/> In-House Programs*		
<b>Location:</b>	Fairbanks, AK	<b>Date:</b>	7/24/2023
<b>Activity Title:</b>	Published article on Linked-in	<b>Hours:</b>	5

\*Additional documentation required for this category if selected for audit.

1. Description of content:

Published an article detailing the surveying profession

2. How did this increase or update knowledge of technical and professional subjects related to the scope of practice of the licensee?

Researching the current trends in surveying and the requirements to attend college and the necessary steps to gain licensure.

3. Sponsor/Publisher/Provider name and contact information, as applicable:

Linked-in

### Signature

I attest that the above is a true and accurate accounting of the continuing education activity I have completed.

<b>Licensee Signature:</b>		<b>Date Signed:</b>	
----------------------------	--	---------------------	--

## **Responsible Charge Experience**

This means delivering or managing work that often requires application of technical principles, resourcefulness, and originality. This may include investigations, surveys, calculations, reports, drawings, designs, specifications, construction observation, and submittal reviews; documentation, fieldwork, and directing support services; interacting with and managing team members; code and permit compliance; and public involvement. The professional-in-training may encounter project challenges, changed conditions, questions about suitability of materials, execution of field services, and resolution of human resource and other issues that may require unique and somewhat independent decision-making. The required minimum of 24 months of progressive professional experience is to prepare an applicant for taking "responsible charge" as a professional architect, engineer, or land surveyor.

For additional guidance on how a reviewing professional may review an applicant's progressively developing responsible charge experience, a useful resource is Appendix A in NCEES Model Rules, *Suggested Guidelines for Evaluating Progressive Engineering Experience*, August 2023.



After offering opportunity for AELS Board review and comment, the ad hoc committee on Responsible Charge recommends this definition for insertion in the AELS *Guidance Manual* with the highlighted new text.

### **Responsible Charge Experience**

This means delivering or managing work that often requires application of technical principles, resourcefulness, and originality. This may include investigations, surveys, calculations, reports, drawings, designs, specifications, construction observation, and submittal reviews; documentation, fieldwork, and directing support services; interacting with and managing team members; code and permit compliance; and public involvement. The professional-in-training may encounter project challenges, changed conditions, questions about suitability of materials, execution of field services, and resolution of human resource and other issues that may require unique and somewhat independent decision-making. The required minimum of 24 months of progressive professional experience is to prepare an applicant for taking "responsible charge" as a professional architect, engineer, land surveyor, or landscape architect.

For additional guidance on how a reviewing professional may review an applicant's progressively developing responsible charge experience, a useful resource is Appendix A in NCEES Model Rules, *Suggested Guidelines for Evaluating Progressive Engineering Experience*, August 2023.

Loren Leman, P.E.

Jeff Garness, P.E.

Ad hoc Committee on Responsible Charge

October 10, 2023

**Task: Revise regulations to 1) identify a term and its definition for a “professional in training” who is progressively building qualifying work experience; and 2) clarify definition of “responsible charge” and similar terms.**

### **Sorting out terms**

An issue we ran into as we got into this is the variety of terms that essentially mean the same thing, or something very similar. Sometimes we use the same term to identify action by both a registrant and an aspiring registrant (which we will call a professional-in-training). For example, we use the term “responsible charge” to identify when a registrant can seal documents. But we also use that term to define work of greater responsibility that a person who has passed the first exam for his/her profession is doing to progressively build up qualifying work experience with increasing responsibility. We now require 24 months of “responsible charge,” which we mean to be work of greater responsibility with more creative, original thinking and management.

Because “responsible charge” connotes a level of professional responsibility that a potential registrant is hoping for, and a registrant presumably already has, we conferred with David Cox at NCEES about this. He advised that several other states have moved to using the term “progressive experience,” or something similar to identify this qualifying time for gaining experience before becoming a registrant. One of our Alaska professionals who has spoken to our AELS Board often suggested using the term “responsible charge experience.” I (Loren) prefer using this term, but within its definition, identify that it needs to be progressively building in responsibility and technical application toward the day when that person can become registered and actually assume “responsible charge” as we define that for a professional. The other ad hoc committee member (Jeff) has stated his preference for using the term “progressive experience” for this period of developing work experience. We want the term and its definition to be reasonably well understood by professionals in Alaska and elsewhere who will be attesting to the work experience of applicants.

### **Responsible Charge Experience**

This means delivering or managing work that often requires application of technical principles, resourcefulness, and originality. This may include investigations, surveys, calculations, reports, drawings, designs, specifications, construction observation, and submittal reviews; documentation, fieldwork, and directing support services; interacting with and managing team members; code and permit compliance; and public involvement. The professional-in-training may encounter project challenges, changed conditions, questions about suitability of materials, execution of field services, and resolution of other issues that may require unique and somewhat independent decisionmaking. The required minimum of 24 months of progressive professional experience is to prepare an applicant for taking "responsible charge" as a professional architect, engineer, land surveyor, or landscape architect.

If we agree that this approach makes sense, we need to make changes in 12 AAC 36.990 to use this (or a similar) definition to replace the separate definitions we now have for “responsible charge in the field” and “responsible charge in the office.” Those segregated definitions are becoming archaic with changes in project delivery, a COVID-inspired sea change in what “the office” now means, and other workplace developments.

## **Responsible charge, direct supervision and similar terms**

These terms are found throughout our statutes and regulations, especially in AS 8.48.221(a) and 12 AAC 36.185 and 12 AAC 990(18) through (22) and (30). Responsible charge, direct supervision, direct supervisory control, personal supervision, responsible control, direct control, direct professional knowledge and similar terms have related meanings that depend somewhat on context. They mean the registrant who seals a document has directly participated, reviewed, observed, inspected, or managed the work sufficiently to attest to its accuracy, suitability, integrity, and conformance with professional standards normally practiced in Alaska, especially for health, safety and welfare of the public, regardless of whether the work is personally done, or is aided by an employee, subcontractor, or independent contractor.

NCARB and NCEES took stabs at defining “responsible charge” in 2022. We have also looked at what a few other states have done. Although the two of us have agreed in part, we also differ in how we should address this. We agree that work products by others are somewhat lacking, but also agree that providing too much specificity might be counterproductive. We welcome input by others.

### **Responsible charge (from NCEES model law)**

Direct control and supervision of engineering or surveying work.

### **Responsible charge (from NCARB model law)**

The control over and detailed professional knowledge of the development and execution of the project, including Technical Submissions, as is ordinarily exercised by an Architect applying the required professional standard of care.

We offer these ideas for consideration by the Board for a regulation project. We recognize we are both engineers, and so especially solicit input from architects, our landscape architect, and land surveyors.

Respectfully submitted,

Loren Leman, P.E.

Jeff Garness, P.E.

Ad hoc committee members

Revised on August 8, 2023

Alaska Board of Registration for Architects, Engineers, and Land Surveyors

**Motion & Roll Call Sheet**

Made by: \_\_\_\_\_

Date: Nov. 14, 2023 Time: \_\_\_\_\_

Seconded by: \_\_\_\_\_

**MOTION**

The Guidance Manual Committee moves to approve updating the Guidance Manual to include the responsible charge experience clarification.

**PASSES UNANIMOUSLY?** Yes\_\_\_ No\_\_\_

**PASSES by ROLL CALL?** Yes\_\_\_ No\_\_\_

<b>Roll Call Vote</b>	<b>Yes</b>	<b>No</b>	<b>Abstain</b>
Bell	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cole	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fritz	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Garness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Johnston	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leman	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leonetti	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Maxwell	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rozier	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Strait	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wallis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Amendment by: \_\_\_\_\_

## Legislative Liaison Committee of the AELS Board

On-line meeting on September 29, 2023

Attending: Loren Leman, Elizabeth Johnston, Jeff Garness, Ed Leonetti

Absent: Bob Bell

Guest: Catherine Fritz

Staff: Sara Neal, Executive Administrator

Meeting called to order by Chairman Loren Leman at 12:03pm

Quorum established.

Agreed on amended agenda, as presented by these notes.

### Notes:

1. Start regulation project for Architectural Engineering (Johnston)
  - A. Scope of practice – Sara Neal – MBA NCEES forum – Elizabeth solicited questions from committee members to ask of other states:

Does your state register Architectural Engineers as a specific discipline or do they let them be a different discipline? If so, do you have a scope of practice? How many AEs do you have?

Have there been conflicts due to scope of practice overlap among architectural engineers and architects or other building systems engineers (civil, structural, electrical, mechanical, fire protection)?

If you do not register architectural engineers, do you have a pathway to licensure? Loren said he had read the AELS Board record from when this was considered by the some 10 to 12 years ago. He mused that some of the misgivings expressed by architects may be because of the name of this discipline. Perhaps another title, such as Building Systems Engineering, or Building Engineering, might alleviate some of that concern? But AE is a title commonly used by that profession.

Catherine suggested one way to deal with this may be to limit building practice to something under “x amount” of sq feet?

Need data to show how the AE discipline has grown in recent years and # of AE test takers

We might recommend having a work session on this topic during Nov 14-15 mtg.

Attached file: Architectural Engineering presentation Elizabeth Johnston presented during the Aug 28<sup>th</sup> board meeting.
  - B. Summary of history of this license discipline when previously considered, and potential concerns/issues expected to arise from practice overlaps (Fritz)
2. EA Salary (Fritz)

Attached file: Email from Catherine Fritz sent to Sylvan Robb on 9/18/2023

Class study required. OMB must authorize a study. Email/Memo from Fritz is being sent to OMB which will hopefully give traction to this request. With the possible bill being introduced by McKay, the salary range
3. Board make-up (Leman)

Bob Bell told Loren that Rep. Tom McKay is working on legislation to deal with make-up of the board – what we think we know: 1) EE and ME each would have a designated seat; 2) one Architect seat could be filled by a Landscape Architect; 3) change so what is now a mining-preferred seat could be filled by mining, petroleum or chemical; 4) Loren suggested (although he doesn't believe this is part of the bill now) his own opinion that one of the two CE seats could be filled by an EV or SE, but he would want to solicit input from Alaska ASCE before advancing that thought. Environmental and Structural Engineering are traditional sub-disciplines of Civil Engineering; 5) the size of board would stay the same at 11. Loren reminded the committee that the Interior Designer bill proposes to change Board make-up as well.

As far as we know, nothing is drafted yet, but Rep. McKay discussed the broad features of the legislation with Bob Bell. Speaking from memory, Loren thinks the early release of new bills will be on or after Dec 15, so now would be a good time to discuss this legislation with the bill sponsor.

The committee asked Loren to invite Rep. McKay to attend another committee meeting on October 11 or 12 during a noon-1pm timeslot, or if this doesn't work for him, at a date and time convenient for him. Also – Loren was asked to invite him to attend the full Board meeting on Nov 15 for a working session.

The committee meeting was adjourned at 1:03 pm.

P.S. Immediately following the meeting, Loren invited Rep. McKay through his staff to attend these work sessions. He accepted our invitation for November 15 and Loren is still working with them on the time slot. Loren also did follow-up to see if Rep. McKay will come to a working session of the Legislative Liaison Committee before then. He hasn't yet heard back on that.

Notes drafted by Sara Neal, supplemented and edited by Loren Leman.  
September 30, 2023

Forum: AELS Legislative Liaison Committee Meeting (online by Zoom)  
Agenda: Representative McKay to discuss his bill to change the AELS Board make-up  
Time: October 12, 2023, 12:00 noon ADT

Board Attendance: Loren Leman, Elizabeth Johnston, Jeff Garness, Ed Leonetti, Bob Bell  
Division Staff: Sara Neal, Glenn Savier, Sylvan Robb, Lizzie Kubitz  
Guests: Representative Tom McKay, Trevor Jepsen (his aide)

12:00 noon—Welcome and meeting called to order by committee chairman Leman  
Leman talked through a somewhat recent history of addressing AELS Board make-up (about the past 27 years). He asked that the committee be respectful in listening to McKay's ideas and, if possible, hold questions until he has had opportunity to address his what and why for the proposed legislation. We probably will not have time today to debate it rigorously.

McKay said that he had met with Bob Bell and drafted a bill to change the AELS Board make-up. He talked through the current version of the bill with the committee. He is hoping the board can come to a consensus on changes that should be made to help resolve the issue of changes to Board make-up. He noted that Alaska's economy is driven by perhaps 95% underground industry (hydrocarbons, mining), yet most of the Board seats are for professions that are above ground.

He is aware of the challenge of changing the designated make-up of the Board that members can agree on. That's especially true if any profession or discipline is perceived to "lose a seat." He noted that if membership were increased by 2 to 13 members – everyone could maintain their seats. He expressed concern about a well blowout or mining disaster – without having those disciplines represented, but board members noted that other agencies of the State were more involved with that (for example, AOGCC, DNR, DEC).

Bob Bell noted these conditions:

1. Mining / LA can still have a seat on board in the "other" seat (Sara Neal noted -as currently drafted, the bill does not allow for an LA seat)
2. Legislature is the only entity that can change board make-up (because this is in statute).
3. 11 members already makes AELS the largest professional board – many of us want a solution that keeps membership at 11
4. Bell is concerned about disciplines that may be underrepresented, even though their numbers of registrants are substantial (for example mechanical, electrical).

Trevor Jepsen question—for the Other seat– could EM / EP have a preference? Leman directed him to the current statute.

CE – Bob suggested a change so one CE must be a registered CE but the other CE seat could be filled by Industrial, Agricultural, Environmental, etc.

ME – could be other seat

Johnston – regulating industry – Board has asked Governor twice to remove industrial exemption for installers of gas lines, investigations, but so far we have received no response and no action. She suggested requiring that one of the dedicated CE seats be filled by an SE, because of many issues with the separate registration (post-PE with CE discipline) and the uniqueness of testing requirements. The way SEs are registered in Alaska, they would be a CE anyway.

Johnston suggested that Alaska consider what Washington currently does—provides for Board input on recommending names for Governor nomination to serve on the Board. She also noted that we have 27 different disciplines – many of these disciplines, usually the ones with fewer registrants, do not have dedicated seats, so we should keep working on it.

Leman--Expressed his hope that through rotation through the “Other” seat, many of these other disciplines could experience someone from their discipline serving on the AELS Board. Although he noted that many of the issues the Board addresses are not necessarily discipline-related.

McKay – Engineering covers very broad areas of expertise. It would be difficult to have all disciplines represented on the Board.

Trevor Jepsen - Why weren't these changes made in SB126? – Leman -Our board advanced changes we could agree on, so we avoided raising issues with Board make-up, although many of us believe changes should be made—we don't , however, agree on how to make those changes. With the exception of correcting a Department of Law opinion on concurrent service by an ME and EE, most of the rest of SB126 was clean-up and updating somewhat archaic provisions – EJ agreed – and noted that we had also earlier suggested changing the EA salary range in statute, but near the end of the 2023 session of the Legislature, pulled that. So the bill could pass without getting held over for the 2024 session.

Trevor wondered about Senator Bjorkman's willingness to address another bill about the AELS Board so soon after working on SB126, especially for new legislation the AELS board cannot agree on. Leman noted that Senator Bjorkman and his L&C Committee Aide Laura Achee were very helpful this past session, and it might be quite a stretch to expect them to be so supportive on another piece of AELS legislation during the 2024 session.

McKay – he believes he could bring the House along to support it – but he's not sure about Senate support. We are working with the Division on addressing the EA salary issue administratively, but its requirement for a class study (in this case a class of one) may mean that the salary change is not made anytime soon. Rep. McKay asked that we forward EA Salary correspondence and support to him.

Leman – clarified that the board is not asking for this change. Bell added that neither is it asking that McKay not address the change by legislation.

Trevor – acknowledged that #'s of registrants per discipline represented are disproportional Johnson will provide documentation to McKay for the need for a dedicated mechanical seat.

Representative McKay will speak to the full AELS Board at our next Board meeting on November 14.

Chairman Leman adjourned the meeting at 12:57 pm.

Committee minutes drafted by Sara Neal and edited by Loren Leman  
October 16, 2023



## On Demand Cold Regions Design Course

9/27/2023

### Agenda



1. Non-land surveyor comity applicants who were licensed:  
2019: 137  
2020: 157  
2021: 154  
2022: 191  
2023: 177
2. NCEES examination schedules are changing based on CBT with fewer Linear-fixed Format exams and more year-round testing. ARE is already offered year-round at testing centers, and 24/7 with online proctoring. The L.A.R.E. is administered three times per year over two-week windows at PSI testing centers as well as an option for online proctoring.

3. Current approved curriculums and what the AELS Board finds important in the course

University	Course	What's Important in the Course
UAA	ES-ACO30- Fundamentals of Arctic Engineering 2-weeks Web-based short course	Will discuss during meeting
UAA	CE A403 – Arctic Engineering Semester	Will discuss during meeting
UAA-CTC	ES A411 -Northern Design Semester	Holistic cold climate issues of the built environment
UAF	CE 401 – Arctic Engineering Semester	Will discuss during meeting
UW	CIVENG 500 – Cold Regions Engineering 6-day virtual course	Will discuss during meeting

4. Why change is being requested for streamlining paths for licensure
5. Understanding the hardware, software, and security needs of an on-demand course.
6. Discuss the pros and cons of on-demand course in terms of student learning/knowledge outcomes.

Attendance: Sara Neal, Elizabeth Johnston, Catherine Fritz, Kurt Sahl, Scott Hamel, Matt Bray, Joel Condon, Thomas Ravens, Kenrick Mock

## **Notes from AELS meeting on-line on October 27, 2023 at noon ADT with UW Cold Regions course instructors**

### **Reason for conversation:**

Instructors requested a conversation about the content of the UW Cold Regions course with suggestion for alternative classes for some of the students, particularly landscape architect applicants. Randall Rozier and Loren Lemman represented the AELS Board for this discussion.

### **Participants:**

John Zarling, Bob Tsigonis, Kurt Sahl, Randall Rozier, Loren Lemman

### **Situation:**

UW delivers a 32-hour intensive course compressed into four 8-hour days. The course is designed to satisfy Alaska's requirement for a cold regions (sometimes called Arctic Engineering or Northern Design) course before an applicant is eligible to sit for a professional exam. This UW course is popular among out-of-state applicants because, although rigorous and loaded with content, it can be completed in four days, which makes it easier for busy professionals. The course is designed to cover many of the issues a professional might encounter in cold regions in Alaska. Previous reviews by the AELS Board of course content and delivery have been positive.

The instructors say that some of the students struggle with certain elements, particularly application of equations and calculations that should be fairly common to engineers, although for many comity applicants, they too may be "rusty" with these. Some architects experience this challenge as well, but it's particularly true for landscape architects. No one suggested that engineers and architects be exempted from the full panoply of the cold regions course. These professions often work together, particularly on building projects.

### **Possible Solution:**

One of the options that got some traction in our discussion that I thought could be particularly valuable, was to allow exemption for landscape architects of up to 6 hours or so of the Northern Design course lecture and testing in exchange for an equivalent number of hours of a course in northern regions plants and soils. Kurt Sahl said he would look for an existing course that might be available to do this.

The UW course is set up to be open-book, open-notes, with equations provided, graded on pass/fail, with 70% being the minimum standard for passing, so even if the course doesn't change, or doesn't change much for selected applicants, passing the course shouldn't be a significant barrier to entry.

### **Follow-up:**

Kurt Sahl, the coordinator of the course, offered that any of us on the AELS Board who wish to could audit the course, or watch any or all of its elements. I told him I am willing to do that for at least a few hours of the course. He will arrange to make the course accessible to us.

The meeting concluded at 12:55 pm ADT.

Notes prepared by Loren Lemman, P.E., on October 31, 2023.

## Day 2

### Agenda Item 19 - Working Sessions (15-minute break between topics)

#### A. Topic 1: Cold Regions On-Demand Course

1. What are the minimum/core competencies that should be required?
2. Should there be shared course content with specializations for different professions?
3. Understanding the differences between “on demand”, self-directed, etc.

9:45am – Break

10:00am – Working Sessions Continued

#### B. Topic 2: Architectural Engineering

1. Who are the affected professions and how should the board engage with them?
2. What are the pros and cons for adding this profession to the AELS board?
3. Does this align with the right-touch regulation and AELS’s strategic plan?

10:45am -Break

### Agenda Item 20– Review Action Item List

### Agenda Item 21 - Read Applicants into the Record

### Agenda Item 22 – Upcoming Board Meetings:

- A. February 8-9<sup>th</sup>, 2024
- B. Set dates for May 2024 Board meeting
- C. Set committee meeting dates

### Agenda Item 23 – Board Member Comments

### Agenda Item 24 - Adjourn

No documents included for Day 2

Alaska Board of Registration for Architects, Engineers, and Land Surveyors

**Motion & Roll Call Sheet**

Made by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Seconded by: \_\_\_\_\_

**MOTION:** I move that it be resolved to APPROVE the following list of applicants for registration by comity that were reviewed by staff with board concurrence since the last board meeting.

**PASSES UNANIMOUSLY?** Yes \_\_\_ No \_\_\_

**PASSES by ROLL CALL?** Yes \_\_\_ No \_\_\_

<b>Roll Call Vote</b>	<b>Yes</b>	<b>No</b>	<b>Abstain</b>
Bell	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cole	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fritz	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Garness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Johnston	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leman	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leonetti	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Maxwell	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rozier	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Strait	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wallis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Amendment by: \_\_\_\_\_

Alaska Board of Registration for Architects, Engineers, and Land Surveyors

**Motion & Roll Call Sheet**

Made by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Seconded by: \_\_\_\_\_

**MOTION:** I move that it be resolved to CONDITIONALLY APPROVE the following list of applicants for registration by comity that were reviewed by staff with board concurrence since the last board meeting.

**PASSES UNANIMOUSLY?** Yes\_\_\_ No\_\_\_

**PASSES by ROLL CALL?** Yes\_\_\_ No\_\_\_

<b>Roll Call Vote</b>	<b>Yes</b>	<b>No</b>	<b>Abstain</b>
Bell	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cole	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fritz	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Garness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Johnston	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leman	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leonetti	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Maxwell	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rozier	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Strait	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wallis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Amendment by:** \_\_\_\_\_

Alaska Board of Registration for Architects, Engineers, and Land Surveyors

**Motion & Roll Call Sheet**

Made by: \_\_\_\_\_

Date: Nov 15, 2023 Time: \_\_\_\_\_

Seconded by: \_\_\_\_\_

**MOTION:** I move that it be resolved to APPROVE the following list of applicants for registration by comity and examination with the stipulation that the information in the applicants' files will take precedence over the information in the minutes.

PASSES UNANIMOUSLY? Yes \_\_\_ No \_\_\_

PASSES by ROLL CALL? Yes \_\_\_ No \_\_\_

Roll Call Vote	Yes	No	Abstain
Bell	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cole	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fritz	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Garness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Johnston	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leman	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leonetti	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Maxwell	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rozier	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Strait	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wallis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Amendment by: \_\_\_\_\_

Alaska Board of Registration for Architects, Engineers, and Land Surveyors

**Motion & Roll Call Sheet**

Made by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Seconded by: \_\_\_\_\_

**MOTION:** I move that it be resolved to **CONDITIONALLY APPROVE** the following list of applicants for registration by comity and examination with the stipulation that the information in the applicants' files will take precedence over the information in the minutes.

**PASSES UNANIMOUSLY?** Yes \_\_\_ No \_\_\_

**PASSES by ROLL CALL?** Yes \_\_\_ No \_\_\_

Roll Call Vote	Yes	No	Abstain
Bell	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cole	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fritz	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Garness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Johnston	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leman	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leonetti	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Maxwell	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rozier	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Strait	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wallis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Amendment by: \_\_\_\_\_

Alaska Board of Registration for Architects, Engineers, and Land Surveyors

**Motion & Roll Call Sheet**

Made by: \_\_\_\_\_

Date: \_\_\_\_\_ Time: \_\_\_\_\_

Seconded by: \_\_\_\_\_

**MOTION:** I move that it be resolved to find the following list of applicants for registration by comity and examination INCOMPLETE with the stipulation that the information in the applicants' files will take precedence over the information in the minutes.

**PASSES UNANIMOUSLY?** Yes \_\_\_ No \_\_\_

**PASSES by ROLL CALL?** Yes \_\_\_ No \_\_\_

Roll Call Vote	Yes	No	Abstain
Bell	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cole	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fritz	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Garness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Johnston	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leman	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Leonetti	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Maxwell	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rozier	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Strait	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wallis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Amendment by: \_\_\_\_\_