



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

Meeting Date: Monday, August 28, 2023

Meeting Time: 8:30am – 5:30pm

Meeting Location: University of Alaska Anchorage / EIB Room 413

Zoom Link:

<https://us02web.zoom.us/j/81031902874?pwd=TEFZTzZjOWF4NUwzUU5PYk9mVU9uUT09>

Teleconference: 253-215-8782 / **Meeting ID:** 810 3190 2874 / **Passcode:** 526401

Agenda

1. 8:30 am - Call to Order/Roll Call/Virtual Notice
2. 8:35 am - Review/Amend/Approve Agenda
3. 8:40 am – General Information

- A. Mission Statement
- B. Virtual Meeting Code of Conduct
- C. Strategic Plan
- D. National Organization Updates

1. NCARB – see updates on www.ncarb.org
2. NCEES – see updates on www.ncees.org
3. CLARB – see updates on www.clarb.org

Annual Business Meeting – September 20-22nd – Henderson, NV

4. 8:45 am - Consent Agenda
 - 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.

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

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
7. 7/7/2023 – UAA College of Engineering RE: Approval of ES AC030 and CE A403/603
8. 7/7/2023 – UAF College of Engineering and Mines RE: Approval of CE401
9. 7/7/2023 – UW – Professional & Continuing Education RE: Approval of CRE Short Course
10. 7/7/2023 – UAA Community Technical College RE: On Demand Cold Regions Design Course
11. 7/7/2023 – UAA College of Engineering RE: On Demand Cold Regions Design Course
12. 7/7/2023 - UAF College of Engineering and Mines RE: On Demand Cold Regions Design Course
13. 7/7/2023 - UW – Professional & CE RE: On Demand Cold Regions Design Course
14. ?/?/2023 – Senate Finance Committee RE: SB73 CS D

F. Item 6: Incoming Correspondence

1. 2023.5.23 – Steven Arndt – ANS RE: PE Nuclear Engineering Exam
 2. 2023.5.24 – David Cox – NCEES RE: PE Nuclear Engineering Exam
 3. 2023.6.27 – Governor Dunleavy RE: Signing of SB126
5. 8:50 am – Ethics Reporting
6. 8:55 am – Review Public Comments and final Board review for Regulation Projects
- A. CE Regulations
 - B. SE and Mentorship

7. 9:45 am – Division Report
 - A. Special Consideration for Military Licensure
 - B. EA Salary – Director Robb or Fritz
8. 10:15 am – Break
9. 10:30 am – Application Review Questions
10. 11:00 am – Licensing Examiner’s Report - Johnson
 - A. Update on staff approval process – Neal
11. 11:15 am – Regulation Projects in Progress
 - A. Projects with DOL
 1. LA – 12AAC36.068
 2. Digital Signature – 12AAC36.185
 - B. Responsible Charge – Leman, Garness
 - C. Architectural Engineering – Johnston, Legislative Liaison Committee
12. 11:30 am – Public Comment
13. 12:00 pm – Outreach Event – SMPS
14. 1:30 pm – Old Business
 - A. ADEC Regulatory Changes – Leman / Garness
 - B. ADEC Record Drawings – Leman / Garness
 - C. NCEES establishing testing center in Juneau – Strait
 - D. Revising 12AAC 36.145 RE: what defines an office – Johnston / Garness / Wallis
 - E. Document retention – Johnston / Garness
15. 2:00 pm – New Business
 - A. Impacts from SB126 – Adding LP’s and changing EA title, number of references on applications – Fritz / Neal
 - B. Staff approval policy - MLE and MLSE designation on NCEES records – Johnston
 - C. Length of board meetings – Fritz
 - D. Website Content- Neal
 - E. DOT&PF Significant structure – request to remove 12AAC36.990 (44)(f)
 - F. Paul Davis – What documents are exempt from stamping?
16. 3:00 pm – Break
17. 3:15 pm – Committee Reports
 - A. Investigative advisory Committee - Leonetti
 1. Investigative Report – Kase

2. Discipline Matrix
3. Review of top 3 license actions to develop newsletter articles for

B. Outreach Committee – Maxwell

1. Flowchart of application process
2. 2024 Newsletter Articles
3. November outreach event

APDC and AIA – presentation on the CE regulation changes

C. Guidance Manual Committee

1. Record drawings paragraph
2. Define HSW for Board Policies and Historical Information
3. Completed CE Structured Self-study report for example and compile a list of possible professional and technical societies.
4. Define responsible charge experience and identify areas where it is appropriate to use.
5. Digital signature

D. Legislative Liaison Committee – Leman

1. SB 126
2. EA Salary Issue
3. SB 73 update - Fritz

E. Education Committee - Johnston

1. On demand Cold Regions Design course
2. Assist with CE regulations presentation

18. 4:45 pm – Review Action Item List

19. 5:00 pm – Read Applicants into the Record

20. 5:10 pm – Upcoming Board Meetings:

- A. November 14-15th AELS Board meeting
- B. Set dates for February Board meeting
- C. Set committee meeting dates
- D. Set April 2024 AKLS date

21. 5:20 pm – Board Member Comments

22. 5:30 pm - Adjourn

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.

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.

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.

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.

AEELS Board's Mission is to protect the public health, safety, and welfare through regulation of the practice of architecture, engineering, land surveying, and landscape architecture by...

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
- B NCARB: www.ncarb.org
- C CLARB: www.clarb.org

Consent Agenda



Item 1: May 10-11 meeting minutes

Item 2: Outreach Reports

- A 5/17/2023 - Strait – SEAKK lunch meeting
- B 5/20/2023 - Fritz / Rozier –Board update for AIA
- C 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.
- D 7/23/2023 – Strait - SEAKK lunch meeting

Item 3: Annual Report

Item 4: CE Audit Report

Item 5: Outgoing Correspondence

- A 5/10/2023 – Senate Labor and Commerce Committee RE: SB73 CS D
- B 6/1/2023 – Sean O’Neill RE: Special request for consideration for LS Education
- C 6/1/2023 – Robert Lumpkin RE: Ethics question on signing surveys
- D 6/28/2023 – Nolan Willis RE: Industrial Exemption Statute
- E 6/28/2023 – G. John Sorenson RE: Use of Seal as Art
- F 7/7/2023 – UAA Community Technical College RE: Approval of ESA411
- G 7/7/2023 – UAA College of Engineering RE: Approval of ES AC030 and CE A403/603
- H 7/7/2023 – UAF College of Engineering and Mines RE: Approval of CE401
- I 7/7/2023 – UW – Professional & Continuing Education RE: Approval of CRE Short Course
- J 7/7/2023 – UAA Community Technical College RE: On Demand Cold Regions Design Course
- K 7/7/2023 – UAA College of Engineering RE: On Demand Cold Regions Design Course
- L 7/7/2023 - UAF College of Engineering and Mines RE: On Demand Cold Regions Design Course
- M 7/7/2023 - UW – Professional & CE RE: On Demand Cold Regions Design Course
- N 7/26/2023 – Senate Finance Committee RE: SB73 CS D

Item 6: Incoming Correspondence

- A 5/23/2023 – Steven Arndt – ANS RE: PE Nuclear Engineering Exam
- B 5/24/2023 – David Cox – NCEES RE: PE Nuclear Engineering Exam
- C 6/27/2023 – Governor Dunleavy RE: Signing of SB126

ITEM 1

May 10-11th Meeting Minutes

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 10-11TH, 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 10-11 th , 2023
Time:	9am-4:30pm
Location:	University of Alaska Anchorage – EIB 413
Attending:	<p>Board members: Catherine Fritz, Jeff Garness, Ed Leonetti, Brent Cole, Bob Bell, Elizabeth Johnston, Loren Leman, Jake Maxwell, Randall Rozier, Sterling Strait, Fred Wallis</p> <p>Board staff: 5/10 -11- Sara Neal, Kelly Johnson, 5/10 - Melissa Dumas, Sara Chambers. 5/11 - Patrick Kase, Stefanie Davis, Alison Osborne.</p> <p>5/10 - In person public: Colin Maynard, Amy Mestas. Via Zoom public: Matt Barusch (NCIDQ), Jesse Escamilla, Chris Pletnikoff, Charity Bear, Roy Robertson, David Parish, Dana Nunn, Mary Knopf, Barbara Cash, Larry Cash, Amy Herbst, Marcus Curley, JM Walsh, Taylor Gress, Lauren Earley, Kory Strom</p> <p>12-1pm - SE Outreach Event: In person - Forest Bishop, Eric Blackmon, Eric Adams, Amy Mestas, Everet Megli, David Hoisington, Scott Hamel, Aaron Morse, Colin Maynard. Virtual – Laurence Treabley, KJ Tindall, Dale McCoy, Mike Quimby, Sharon Smith, Mathew Stielstra, Nikolai Petrov, Eric Rosendale, DV, Nick Choromanski, Laura Becia</p> <p>5/11 – In person public: Colin Maynard, Lloyd Nakano (State Fire Marshal). Virtual – Roy Robertson, Jesse Escamilla, Leslie Daugherty, Kurt Sahl, Taylor Gress, Darrell Cooper*</p> <p>*Darrell Cooper joined the meeting via zoom on 5/11 at 12:30pm and proceeded to inappropriately interrupt the meeting. He was muted and removed from the meeting.</p>
Absent:	May 10 – Elizabeth Johnston – 9:00-10:40am, Brent Cole 9:00am - 1:00pm

1. 9:00am – Call to Order/Roll Call/Virtual Notice Catherine Fritz, Jeff Garness, Ed Leonetti, Bob Bell, Loren Leman, Jake Maxwell, Randall Rozier, Sterling Strait, Fred Wallis	
2. 9:05am – Review / Amend / Approve Agenda	
Motion: Agenda	<p>On a Motion made by Ed Leonetti, seconded by Jake Maxwell and approved unanimously, it was:</p> <p><i>RESOLVED to approve the agenda for May 10-11th, 2023, as amended by adding agenda items 3 D and 16 B – E and moving item 26 B to 26 E.</i></p>
3. 9:07am – General Information Items (No Discussion)	
	A Mission Statement
	B Virtual Meeting Code of Conduct
	C National Organizations Updates
	<p>D Outreach Reports</p> <p>i. March 2, 2023 – UAA Capstone – Leman</p> <p>ii. May 1, 2023 – Dimond High School EACC Mtg - Leman</p>

4. Consent Agenda	
Item #1: Meeting Minutes	A. February 8-9, 2023, Minutes
	B. February 24, 2023, Minutes
	C. March 16, 2023, Minutes
Item #2: Outgoing Correspondence:	A. February 24, 2023 – Senator Bjorkman RE: Issues of Concern with SB73
	B. March 23, 2023 -Keith Merrick RE: Use of title “Engineer
	C. April 14, 2023 – Representative Sumner RE: HB159
	D. April 27, 2023 – Senator Wielechowski RE: SB126 – Architect/Engineer Registration Board-Section 9
	E. May 1, 2023 – UA Graduate Letter
Item #3: Outreach Reports	A. February 2023 – AIA Board Update – Fritz / Rozier
	B. March 22, 2023 – SEAAK Meeting - Strait
Item #4: General Board Business	A. NCEES – Kelly Johnson Associate Member
	B. CE Audit Update
	C. Continuing Education audit example
Item #5: Upcoming Meeting Dates	A. NCARB Annual Business Meeting – June 15-17 th , Tampa, FL – Fritz/Neal
	B. NCEES Annual Business Meeting – August 15-18 th , Boston, MA – Fritz / Johnston / Maxwell / Strait / Neal
	C. CLARB Annual Business Meeting – September 20-22 nd , Henderson, NV – Leonetti / Neal
Motion: Consent Agenda	On a Motion made by Bob Bell, seconded by Jake Maxwell and approved unanimously, it was: <i>RESOLVED to approve the consent agenda as presented in the May 10-11th, 2023, AELS board meeting.</i>
5. Ethics Reporting	
Brief Discussion:	Garness, as an individual, met with Representative Mears and Alaska Policy Forum regarding SB73. Bell had a conversation about the AELS board configuration with Representative McKay. Fritz met with Representative Gray concerning HB159 at his and AIA’s request. Fritz did speak for the AELS board and only shared the issues of concern the board had agreed to. She has also been working on the ID Working Group as an individual and not as a representative of the AELS board.
6. 9:30 am – Division Update – FY23 3 rd Qtr Financial Report - Dumas	

7. 9:45 am – Old Business	
Motion: Policy for staff approval of comity applications	<p>A Create new policy for 36.010 j staff approval – Fritz / Neal It was decided that staff will review the applicants that have met the requirements as stated in the policy. All applications that meet the requirements will be uploaded to Onboard by the 10th of each month. The board will have two weeks to review those applications. A board member can pull any applicant they have questions and concerns about, and that application would be reviewed at the next board meeting. Staff will license the applicants the board does not have questions or concerns about. –</p> <p>On a Motion made by Bob Bell, seconded by Sterling Strait and approved unanimously, it was:</p> <p><i>RESOLVED to approve the Staff Delegation Policy for comity applications.</i></p> <p>Task: Fritz / Neal finalize and implement policy</p>
	<p>B Update Continuing Education links on website – Neal</p> <p>This task has been completed</p>
	<p>C Review AELS Regulations to remove any barriers to licensure due to foreign transcripts – Fritz / Rozier NCARB is considering letting the general education credits Europeans earn in high school count towards their college degree, thus making their degree acceptable when applying for the AREs and/or an NCARB Council Certificate.</p>
	<p>D ADEC Working Group Update – Garness / Leman Leman wrote a memo to DEC on February 22, but has not received a response. Garness sent an email to DEC Director Randy Bates to check the status of the proposed DEC regulation changes that conflicted with AELS’s regulations. There was also language in the proposed regulations that required tasks of the engineer that are not typically under the purview of an engineer.</p> <p>i. ADEC RE: Comments on Sealing of Record Drawings Leman and Garness provided caution about resealing a record document with information prepared by others, want registrants to have the option of doing this, but not requiring or prohibiting that action.</p>
	E 10:15am - Break
Motion: To approve adding ID’s to the AELS Board	<p>F 10:30am - Interior Design Regulation Update:</p> <p>i. ID Working Group Update During the May 2022 board meeting, the board asked the interior designers to form a working group and address the five concerns that the board had with HB61 and recommend possible changes in a report for the Nov 2022 AELS board meeting. Once SB73 was introduced the focus of the ID working group shifted as they worked together to improve the bill. HB159 was introduced in March 2023 which is identical to SB73 when it was introduced.</p> <p>ii. SB73 / HB159 Status: SB73 CS D is scheduled for a hearing in the Senate Labor and Commerce Committee today (May 10th) and HB159 has a scheduled hearing on May 12th.</p> <p>iii. Board Discussion (amended version of SB73)</p> <p>A motion was made by Bob Bell, seconded by Ed Leonetti to recommend approval to add the profession of interior design to the AELS Board per 08.48. The motion failed via roll call vote. Yes: Ed Leonetti, Randall Rozier, Sterling Strait, Elizabeth Johnston No: Jake Maxwell, Fred Wallis, Bob Bell, Jeff Garness, Catherine Fritz Abstain: Loren Leman</p>

Motions for Recommended modifications to SB73 CS D:	<p>The Board identified the areas of concern in SB 73 CS D and made the following recommendations:</p> <p>A motion was made by Ed Leonetti and seconded by Bob Bell to recommend changes to SB73 CS D</p> <p>Jeff Garness, seconded by Bob Bell, amended the motion to recommend removing all references to changing the AELS board composition in SB73 CS D. It was approved via roll call vote. Yes: Bell, Fritz, Garness, Leman, Leonetti, Maxwell, Rozier, Wallis. No: Strait (Johnson was absent)</p> <p>Sterling Strait, seconded by Jeff Garness, amended the motion to recommend removing #15 from Sec 27. It was approved unanimously via roll call vote.</p> <p>Sterling Strait, seconded by Ed Leonetti, amended the motion to recommend removing 24 (B) and modifying 24 (D) per the ID Working Group's suggestions to Sec 30. It was approved unanimously via roll call vote.</p> <p>Sterling Strait, seconded by Jeff Garness, amended the motion to recommend changing Sec 37 by removing "July 1, 2025" and adding "90 days after the effective date of regulations established in 12 AAC 36 or two years after the effective date of the act whichever comes first at which time an interior designer must register if they want to practice registered interior design as described in AS 08.48.341." It was approved unanimously via roll call vote. (Garness was absent)</p> <p>The main motion made by Ed Leonetti, seconded by Bob Bell, to recommend changes to SB73 CS D was approved unanimously via roll call vote. Therefore, it was,</p> <p><i>RESOLVED to approve all recommended modifications to SB73 CS D and forward the modifications to the Senate Labor and Commerce Committee as soon as possible.</i></p>
8. 11:30 am – Public Comment	
Brief Discussion:	Roy Robertson expressed his thanks to the board for working on the Record Drawings paragraph in the Guidance Manual. He also shared his concerns about the need for an engineer to perform a post-construction inspection to which Leman asked for him to provide his concerns and possible suggestions in writing.
9. Noon – Lunch – Outreach Event	
SEAAK - In Person/Virtual:	Sterling Strait gave a presentation on the proposed AELS structural engineering regulation changes and the upcoming changes to the NCEES PE Structural Exam. He also took questions from participants regarding both topics. There was a total of 20 participants: 9 in person and 11 virtually. The AELS Board members provided lunch for the in-person participants.
10. Annual Report – Fritz / Garness Roll call after lunch: Bell, Cole Garness, Johnston, Leman, Leonetti, Maxwell, Rozier, Strait, and Wallis.	
	The board reviewed the annual report for FY 2024 as written by Fritz and Garness. It was suggested to add information on SB126. The Outreach Reports and the Strategic Plan will be added as appendices.
Motion (5/11): Annual Report	<p>On a Motion made by Jeff Garness, seconded by Bob Bell and approved unanimously, it was:</p> <p><i>RESOLVED to approve the approve the FY2023 Annual Report as presented and edited per the review during the May 10-11th, 2023, AELS board meeting.</i></p>
11. 2:15pm - Strategic Plan – Planning and Implementation Committee	

	<p>Leonetti presented the proposed FY2024 Strategic Plan Tasks/Actions. Leonetti offered to head up looking into the DEI data available through NCEES, NCARB and CLARB. Strait suggesting also using ANSEP as a resource for DEI data within Alaska. Strait suggested that the Outreach Committee create build infographics for how to get licensed in each profession.</p> <p>Task: Leonetti and Johnson gather DEI data from the national organizations.</p> <p>Task: Neal volunteered to build the infographics with the Outreach Committee.</p>
Motion: Strategic Plan	<p>On a Motion made by Elizabeth Johnston, seconded by Ed Leonetti and approved unanimously, it was:</p> <p><i>RESOLVED to approve the FY2024 Strategic Plan as presented and as amended in the May 10-11th, 2023, AELS board meeting</i></p>
12. 3:00pm - Break	
13. 3:15pm – Correspondence	
	<p>A Incoming</p> <p>i. Industrial Exemption and Enforcement of PE Licensure Requirements Nolan Willis asked the board how he would go about repealing the Industrial Exemption. The board concluded that he would need to contact a legislator so the statute could be changed. Task: Fritz will write a letter to him explaining the legislative process because the exemption is in statute.</p> <p>ii. Use of seal as art – Garness / Fritz John Sorenson, a retired engineer, is writing a fiction book and would like to use his stamp in the book as part of his introduction. It was decided that while stamps are not meant to be used in this way, because he is not signing it this would be permissible. Task: Fritz will respond with a formal written response.</p> <p>iii. Public Testimony – SB73 4/12/2023 – Lucas Smith – Oppose 5/8/2023 – Colin Maynard – Support 5/8/2023 – Brian Meissner - Support 5/9/2023 – Matt Barusch/CIDQ – Support</p> <p>iv. National Organization’s support letter for SB126</p> <p>v. Ethics Question on Signing for Surveys Robert Lumpkin asked if it would violate statute or regulation if he hired and reviewed an imaging company’s work and put his stamp on it. The Board discussed that it would depend on whether he was in responsible charge or responsible control of the work. Another question Maxwell asked was whether scanning should be done without a supervising registered land surveyor to vet the data. Task: Maxwell will write a response for Bell to review that states that AELS Statutes and Regulations say a registrant must be in responsible control of the work he or she seals. The issue is not the employee/employee relationship or ownership of the company hiring the imaging company, but rather the question of if he is in responsible control of the work. When a registrant seals the work, he or she is claiming responsibility for all of the work and data used for the work.</p>
14. 3:30pm – New Business	
Motion: For NCEES testing location in SE Alaska	<p>A. Engineering Testing Center Locations – Strait Strait would like the AELS board to request that NCEES look into opening a testing center in southeast Alaska.</p> <p>On a Motion made by Sterling Strait, seconded by Jake Maxwell and approved unanimously, it was:</p> <p><i>RESOLVED to approve that the AELS Board request that NCEES work with their vendor to open a testing center in Juneau, Alaska.</i></p>

	<p>B. Sealing Plans / Possible FAQs – Johnston</p> <p>A question was posed to her at the State Fire Marshal forum about the overlap of the scope of practice of the different disciplines. The building official from Palmer said that he will send the board FAQs for the board to address. Fritz suggested sending him the Guidance Manual.</p> <p>Task: Guidance Manual Committee consider sending all building officials a copy of the Guidance Manual.</p>
	<p>C. Direct Supervision: Reviewing and stamping another person’s work – Garness</p> <p>This topic was discussed in the incoming correspondence and will be discussed under the responsible charge discussion tomorrow.</p>
	<p>D. Definition of Office – Johnston</p> <p>AELS has not stated what they define as “office.” 12 AAC36.145 states that offices must have at least one registrant in the office who is “regularly employed” and define that as “in the office at least 20 hours per week.” Due to teleworking and registrants who are person(s) in responsible charge for multiple firms, this regulation needs to be reviewed.</p> <p>Task: Ad hoc committee was formed of Elizabeth Johnston, Fred Wallis, and Jeff Garness to review 12AAC36.145.</p>
15. 4:00pm – License Examiner’s Report – Johnson	
16. 4:10pm – Application Review Questions	
	<p>A. Sean O’Neill</p> <p>Applicant was found incomplete during the February board meeting due to not having a bachelor’s degree. He has asked the board to consider his two AA’s as equivalent to a bachelor’s degree to meet the education requirements to sit for the PS and the AKLS.</p> <p>12AAC 36.065 TABLE B and (h) require a bachelor’s degree.</p> <p>Task: Neal will write a letter for Maxwell to review informing the applicant that to be eligible to sit for the PS and the AKLS he must have a bachelor’s degree.</p>
	<p>B. Anthony Hafner – Garness & Strait</p> <p>Applicant is coming in SE by Exam. His experience was signed off by non-SEs. Because his verifier is from a non-discipline specific state, the board approved his application.</p>
	<p>C. Clay Willis – Garness & Strait</p> <p>This applicant is coming in SE by Exam. He passed both his SE I and SE II exams in 2009 and 2010. The new 12AAC36.105 states that an applicant must have passed the SE I and the SE II exams in 2006. This date was set because Washington decided the SE I and the SE II did not offer enough seismic questions, so it started offering the SE III. Alaska chose to match Washington, Oregon and California’s regulations. What that means is applicants who passed the SE I and the SEII between 2007-2011, are not eligible for an SE license in Alaska.</p> <p>Because of the year of his exams, the board must find him incomplete.</p>
	<p>D. Evan Sheesley – Garness & Strait</p> <p>Applicant is coming in SE by Comity. His letters of reference were from non SEs in a state that does license SEs. The letters offer explanations that show the overlap between civil and structural experience, so the board approved his application.</p>
	<p>E. Jarah Redwine -Garness & Strait</p> <p>Applicant is coming in EV by Comity that has an ABET degree and a Master’s degree in a discipline in which he is not applying for. After seeing that there is a pathway for licensure with this degree in 12AAC36.063, the board approved this applicant for licensure.</p>
17. 4:30pm – Recess for the Day	
18. 9:00am – Reconvene – Roll Call – Bob Bell, Catherine Fritz, Jeff Garness, Elizabeth Johnston, Loren Leman, Ed Leonetti, Jake Maxwell, Randall Rozier, Sterling Strait, and Fred Wallis / Brent Cole joined at 9:34am	
19. 9:05am – Regulation Projects	

<p>Motion: 36.075 2 years of SE experience not needed before sitting for SE exam.</p> <p>Motion to remove PE exam requirement for the SE and the date requirements for the eligible SE exams</p> <p>Motion to approve minor changes made to SE regulations verbiage</p> <p>Motion: approve SE regulations</p>	<p>A. SE Regulations – Strait</p> <p>The SE regulations were added to a regulation project that was already underway with the Department of Law. (Mentoring (36.063), Date of Experience (36.067), Required Examinations (36.100). Land Surveyor by Comity (36.107), Definitions #42 – structural engineering and #46 – mentoring program (36.990)</p> <p>On a Motion made by Sterling Strait, seconded by Jeff Garness and approved unanimously via roll call vote, it was:</p> <p><i>RESOLVED to approve to amend 36.075 to allow SE by exam applicants to sit for the exam without the additional two years of structural experience.</i></p> <p>Strait then asked the board to consider removing the requirement of having to pass an NCEES PE exam for the SE by comity applicants in the proposed 12AAC36.104. He also recommended taking off the date requirements of the eligible SE exams listed in 12AAC36.104 (c) 2-4. Johnston has concerns that it is easier to get an SE license by comity than SE by exam. She stated that the requirements for applicants by exam and by comity should be the same. NCEES sees structural engineering as a branch of engineering but the Western States (WA, OR, CA and AK) see it as a professional of engineering.</p> <p>On a Motion made by Sterling Strait, seconded by Jeff Garness and approved via roll call vote, it was:</p> <p><i>RESOLVED to approve amending 12AAC 36.104 by removing the requirement to pass a PE exam in (b) and removing the date requirements for the eligible SE exams listed in (c)2-4.</i></p> <p>Yes: Cole, Garness, Leman, Leonetti, Strait, Wallis, Fritz No: Bell, Johnson, Maxwell, Rozier</p> <p>On a Motion made by Sterling Strait, seconded by Jeff Garness and unanimously approved via roll call vote, it was:</p> <p><i>RESOLVED to approve amend 12AAC 36.075 by adding (a)3, (a)4 (C) iii and (b) and amend 12AAC 36.104 by adding (d) and (e) and removing “in a jurisdiction without separate licensure requirements for structural engineers” from (h) 2.</i></p> <p>On a Motion made by Sterling Strait, seconded by Elizabeth Johnston and unanimously approved via roll call vote, it was:</p> <p><i>RESOLVED to approve the regulation changes to 12AAC 36.063(k), 36.075, 36.104, 36.105(h), and 12AAC 36.990(a)(42) & (47) as presented and amended in the May 10-11th board meeting for public notice pending approval by the Department of Law.</i></p>
	<p>B.</p>
	<p>C. Responsible Charge – Leman / Garness</p> <p>Garness made a motion seconded by Bell for the board to adopt a new definition for responsible charge and to adopt a definition of progressive experience. Because there is already a definition for responsible charge in statute and regulations cannot be used to change statute, Garness withdrew the motion. The Board considered expounding on the definition of responsible charge in the Guidance Manual.</p> <p>Garness also made a motion to pursue statutory changes to modify Sec 08.48.341 (21) as well as remove the term “direct supervision.” The motion did not get a second.</p> <p>On a Motion made by Loren Leman, seconded by Randall Rozier and approved unanimously, it was:</p>

<p>Motion to clarify the term of responsible charge in GM</p> <p>Motion to review and define term “responsible charge experience”</p>	<p><i>RESOLVED to approve clarifying and expounding on the definition of responsible charge in the Guidance Manual.</i></p> <p>Task: Guidance Manual Committee – clarify and expound on the definition of responsible charge.</p> <p>On a Motion made by Loren Leman, seconded by Elizabeth Johnston and approved via roll call vote, it was:</p> <p><i>RESOLVED to approve reviewing the term “responsible charge experience” in regulation and develop a definition for the term.</i></p> <p>Yes: Johnston, Leman, Leonetti, Maxwell, Rozier, Strait, and Wallis No: Bell and Garness</p> <p>Task: Leman and Garness – review term “responsible charge experience” in regulation and develop a definition</p>
<p>Main Motion to approve CE Regulations</p> <p>Amendment: Change “licensee” to “registrant”</p> <p>Amendments: Modify 12AAC 36.530(e)</p> <p>Amendment to add reference AS 08.01.100(d) to 12AAC 36.510 (d) and (j)</p> <p>Approval of main motion</p>	<p>D. CE Regulations Changes</p> <p>Johnston made a motion, seconded by Strait to approve the regulation changes to Article V – 12AAC 36.500 – 550 as presented in the May 10-11th board meeting for public notice pending approval by the Department of Law.</p> <p>Leman, seconded by Leonetti, amended the motion to change the term licensee to registrant and remove the definition of licensee. It was approved via a roll call vote. Yes: Garness, Leman, Leonetti, Maxwell, Rozier, Bell, Cole, and Fritz No: Johnston, Strait, and Wallis</p> <p>Leman, seconded by Maxwell, amended the motion to modify 12AAC 36.530 (e) to say “if they have been registered as a professional architect, engineer, land surveyor, or landscape architect for a duration of 30 or more years.” It was approved via a roll call vote Yes: Strait, Wallis, Rozier, Maxwell, Leonetti, Leman, Johnston, Garness, Cole and Fritz. No: Bell</p> <p>Johnston, seconded by Strait, amended the motion to modify 12AAC 36.530 (e) by replacing “renewal cycle” with “biennial licensing period.” It was approved unanimously via roll call vote.</p> <p>Johnston, seconded by Bell, amended the motion to add “except as provided in AS 08.01.100(d)” to the end of 12AAC 36.510 (d) and (j). It was approved unanimously via roll call vote.</p> <p>The main motion was approved unanimously via roll call vote.</p>
<p>Motion: Approve regulation changes to 12AAC36.068 to comply with CLARB’s uniform standard</p>	<p>E. 12AAC 36.068 – LA by Exam – Leonetti</p> <p>On a Motion made by Ed Leonetti, seconded by Bob Bell and approved unanimously via roll call vote, it was:</p> <p><i>RESOLVED to approve the regulation changes to 12AAC 36.068 as presented in the May 10-11th board meeting for public notice pending approval by the Department of Law</i></p>

Motion: Approve regulation changes to 12AAC36.185 (f) and (j) – Digital Signatures	<p>F. 12AAC 36.185 – Digital Signatures – Johnston</p> <p>On a Motion made by Elizabeth Johnston, seconded by Jeff Garness, and approved unanimously via roll call vote, it was:</p> <p><i>RESOLVED to approve the regulation changes to 12AAC 36.185(f) and (j) as presented in the May 10-11th board meeting for public notice pending approval by the Department of Law</i></p> <p>(Maxwell was absent for vote)</p> <p>Task: Johnston and Garness – Write policy for document retention</p>
Motion: Approve 12AAC 36.040 – Removing the 5-year rolling clock	<p>G. 12AAC 36.040 – Simplified application for examination – Johnston / Leonetti / Rozier</p> <p>On a Motion made by Elizabeth Johnston, seconded by Jake Maxwell, and approved unanimously via roll call vote, it was:</p> <p><i>RESOLVED to approve the regulation changes to 12AAC 36.040(a),(b), and (c) as presented in the May 10-11th board meeting for public notice pending approval by the Department of Law.</i></p> <p>(Leonetti was absent for vote)</p>
	<p>H. Architectural Engineering – Johnston / Legislative Liaison Committee</p> <p>Johnston is reviewing NCEES Architectural Engineering Exam information and is crafting questions for Neal to send out to all the other MBAs to see how other states are handling this discipline.</p>
20. 10:45am – Break	
21. 11:00am - Committee Updates	
Motion to remove the definition of HSW from the Board Policies & Historical Information	<p>A. Guidance Manual – Rozier</p> <p>i. Record Drawing Paragraph</p> <p>The committee met and reviewed several variations that included DEC’s suggestions. A consensus was not reached. Rozier is working to incorporate Roy Robertson’s comments that he emailed. The Guidance Manual Committee will meet to review and present the paragraph at the August 2023 board meeting. Garness will meet with DEC to get their input before the committee meeting.</p> <p>ii. Board Policies and Historical Information</p> <p>The board reviewed changes the committee made to this document. Johnston had concerns with II H – Definition of Health, Safety, & Welfare and made a motion to have it removed from this document.</p> <p>On a Motion made by Elizabeth Johnston, seconded by Jeff Garness, and approved unanimously, it was:</p> <p><i>RESOLVED to approve removing II (H) – The definition of Health, Safety & Welfare from the Board Policies and Historical Information.</i></p> <p>Task: Guidance Manual Committee – work on a new definition for Health, Safety and Welfare to put into the Board Policies and Historical Information document.</p>
22. 11:30am – Public Comment (did not start until 12pm)	
Brief Discussion:	<p>Colin Maynard expressed that in his opinion it does compromise the health, safety, and welfare of the public to not require a comity structural engineer applicant to have passed a PE exam. If that change is adopted, the board should consider requiring the applicant to submit 2 projects for seismic design for category D or bigger. He also mentioned that retired registrants do not have to reinstate their licenses so the added language in the CE regulations would not be needed. The vote to not approve the interior designers to the board was disappointing to him as he believes it made it seem as if the AELS board only thinks that health, safety, and welfare applies to the exterior of a building.</p> <p>Jesse Escamilla spoke on behalf of Leslie Daugherty. Both are bridge engineers for the Department of Transportation & Public Facilities (DOT&PF) in Alaska and are asking that the requirement that structural</p>

	<p>engineers design bridges in 12AAC 36.990(a)(44)(F) which states “significant structures” means (F) bridges having a total span of more than 200 feet...” be repealed. The testimony provided cited several examples showing that safe bridges can be designed by other engineers. With the number of SEs declining in the state, DOT&PF is asking the AELS board to consider removing this requirement. Escamilla stated 35% of DOT&PF’s bridges meet the criteria of the definition in 44(F).</p>
23. 12:00pm – Lunch – Roll call after lunch – Bob Bell, Brent Cole, Jeff Garness, Elizabeth Johnston, Loren Leman, Jake Maxwell, Randall Rozier, and Fred Wallis (absent: Catherine Fritz – joined at 1:20pm and Ed Leonetti)	
24. 1:00pm – State Fire Marshal – Lloyd Nakano	
	<p>Nakano would like to partner more with the AELS board for certain types of events like Building Safety Month.</p> <p>He also wanted AELS’s feedback on their new portal for submitting plans for review. He would like the AELS to be beta testers for any changes made to the portal since the board’s licensees use it the most. Garness suggested that Nakano write an article with the top 10 things missing from a plan review for the next AELS newsletter. Garness also suggested training for the plan review submittal process.</p> <p>2024 codes will be coming out in October of 2023 and Nakano asked for the support of the AELS board. Fritz offered to write a letter of support.</p>
25. 1:10pm – Investigative Report – Kase (moved to 2:30pm)	
	<p>Kase shared the Investigator’s Report from Jan 31 – May 3, 2023. The report had the engineers broken out by discipline as requested by the Board. Patrick shared meanings of the different status terms. Intake is when a complaint has been received, but the complaint packet from the complainant has not yet been received. Complaint is when the packet has been received and the Investigator is determining if a violation may have occurred. Investigation means that a board member has determined that a violation has occurred, and the investigation is underway. Monitoring is when investigations is waiting on more information to go forward.</p>
26. 1:30pm – Committee Update cont. (Agenda Item #22)	
	<p>B. Education Committee – Johnston</p> <p>i. Cold Regions Design – Triannual review 4 courses were submitted. All courses were recommended for approval. Task: Johnston - Write letter to universities informing them that their course is approved for the next three years and update the website accordingly.</p> <p>ii. Offering an on demand Cold Regions Design Course Maynard stated that UAA’s ES411 class is looking into offering that as an on-demand class. He suggested that the board write letters to both UW, UAF and UAA Engineering and AET in support of developing an on-demand class. Johnston had talked with UAF and they are not interested in developing one at this time. Kurt Sahl from the UW joined the meeting and asked if this was a real need for an on-demand class. Task: Johnston to write a letter to UW, UAF and UAA Engineering and AET encouraging them to develop an on-demand course</p>
<p>Motion to approve the FY2024 Outreach Plan</p>	<p>C. Outreach Committee – Maxwell</p> <p>i. Align Outreach Plan with board meeting schedule. Maxwell wrote an Outreach Plan explaining the importance of in-person meetings and the main objectives of outreach. He planned the next year’s outreach events for the travel requests for each board meeting. The Outreach Plan will be added to the annual report.</p> <p>On a Motion made by Jake Maxwell, seconded by Jeff Garness, and approved unanimously, it was:</p> <p><i>RESOLVED to approve the FY2024 Outreach Plan</i></p>

	<p>ii. Certificate of Authorization article for newsletter – nothing to share currently.</p> <p>Strait shared that the logo and a presentation template is in Onboard resources.</p> <p>Task: Outreach Committee - Newsletter topics list – Nakano, COAs</p>
	<p>D. Legislative Liaison Committee – Leman</p> <p>i. Statute project status – AELS’s “reviser’s” bill SB126 passed through the Senate on May 10th with a 17-0 vote. It will be heard in the House Labor and Commerce Committee on May 12th and will hopefully pass the House before session ends on May 17th. Leman and Fritz decided not to recommend amending the bill by making the Executive Administrator’s salary a Range 23 as it would make it so the bill would not be passed this year due to the fiscal note and need to return to the Senate for concurrence. There was not enough time to do that in this session, but another means to accomplish that will be looked into this next year.</p> <p>SB 73 was heard by the Senate Labor and Commerce Committee on May 10th but the committee did not address AELS’s concerns and recommendations that were sent in time for the hearing. The Board sent them to Senate Finance as well. HB159 is scheduled to be heard by House Labor and Commerce on May 12th. Fritz will provide public testimony and submit in writing the concerns and recommendations on SB73 version D.</p>
	<p>E. Investigative Advisory Committee – Leonetti</p> <p>i. Disciplinary Matrix – Johnston</p> <p>The 2009 matrix was updated and added to. Violations have been categorized based on how many times the person has violated the statutes and regulations. There is a column for what statute or regulation was violated. Because of a low case load, the column for precedent cases is not completed. Non disciplinary action remedies are included as well. Johnston suggests storing it in Onboard resource folders.</p> <p>Task: Johnston -Fritz suggested spelling out LOA “Letters of Advisement.”</p> <p>ii. Review of 3 top license actions to develop newsletter articles for</p> <p>Task: Kase to bring precedent cases to the next Investigative Advisory Committee Meeting for the committee to review.</p>
27. 3:00pm – Committee Goal Setting and Annual Report Input	
	If committees have any goals they want to include in the annual report, they will need to email them to Neal so she can include them in the Annual Report.
28. 4:00pm – Read Applications into Record	
Motion to <i>APPROVE</i> applicants for licensure	<p>On a Motion made by Jeff Garness, seconded by Bob Bell, and approved unanimously, it was:</p> <p><i>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</i></p>

FIRST NAME	LAST NAME	TYPE OF LICENSE	MAY DECISION
Alex	Cheyne	SE	Approved
Alma	Reantaso	EE	Approved
Amy	Schauble	CE	Approved
Austin	Miller	CE	Approved
Benjamin	Linkous	EE	Approved
Carol	Ravano	CE	Approved
Christopher	Kambar	CE	Approved
Christopher	Sweetgall	CE	Approved

Christopher	Britton	EE	Approved
Claus	Frederiksen	CE	Approved
Clint	Laferriere	EE	Approved
Craig	Dupuis	Arch	Approved
Daniel	Updegrove	ME	Approved
Darius	Tirevicius	SE	Approved
Dylon	Moss	CE	Approved
Edward	Hickey	CE	Approved
Elliot	Clausen	CE	Approved
Eric	Rasmussen	EE	Approved
Frank	Nelson	Arch	Approved
Grant	Finn	SE	Approved
Gregory	Clark	CE	Approved
Harvey	Lighthouse	CE	Approved
Jacob	O'Brien	ME	Approved
Jael Robin	Wettach-Ogle	CE	Approved
James	Ybarra	EE	Approved
James	Ledyard	ME	Approved
Jarah	Redwine	EV	Approved
Jason	Speegle	CE	Approved
Jessica	Johnson	CE	Approved
Jodi	Burns	CE	Approved
Jordan	Scheremeta	CE	Approved
Jorge	Mendez	Arch	Approved
Kahyun	Lee	Arch	Approved
Kevin	Hendrix	CE	Approved
Leonid	Nisanov	EE	Approved
Logan	Nissenson	ME	Approved
Logan	Gray	SE	Approved
Luis	Paulin	EE	Approved
Marc	Stubbs	SE	Approved
Matthew	Rem	EE	Approved
Michael	Boak	CE	Approved
Patrick	McManus	SE	Approved
Peyton	Lingle	CE	Approved
Rachmad	Karyadi	ME	Approved
Rebecca	Desrosiers	CE	Approved
Reid	Koskiniemi	CS	Approved
Richard	Jones	SE	Approved
Robert	Ezold	ME	Approved
Scott	Gilberg	Arch	Approved
Sean	Mallahan	ME	Approved
FIRST NAME	LAST NAME	TYPE OF LICENSE	MAY DECISION
Tristram	Hokenson	CE	Approved
Vincent	Chui	SE	Approved
Zachary	Autin	CE	Approved

Anthony	Hafner	SE	Approved for Exam
Brandon	Markson	CE	Approved for Exam
Jeremiah	Gingrich	CE	Approved for Exam
Kelli	Whelan	EV	Approved for Exam

Motion to find applicants <i>INCOMPLETE</i>	On a Motion made by Jeff Garness, seconded by Bob Bell, and approved unanimously, it was: <i>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</i>
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FIRST NAME	LAST NAME	TYPE OF LICENSE	MAY DECISION
Clay	Willis	SE	Incomplete
Dale	Johnson	Arch	Incomplete

Motion to <i>CONDITIONALLY APPROVE</i> applicants	On a Motion made by Jeff Garness, seconded by Ed Leonetti and approved unanimously, it was: <i>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</i>
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FIRST NAME	LAST NAME	TYPE OF LICENSE	MAY DECISION
Adam	Keen	CE	Conditional
Addison	Miller	CE	Conditional
Anh	Huynh	CE	Conditional
Anthony	Shields	EV	Conditional
Benjamin	Fisher	SE	Conditional
Claire	Ellis	CE	Conditional
Claire	Moore	SE	Conditional
Daniel	Ciani	CE	Conditional
Eduard	Egov	CE	Conditional
Evan	Olson	EE	Conditional
Evan	Sheesley	SE	Conditional
Forest	Hooker	Arch	Conditional
Forest Rose	Walker	CE	Conditional
Gary	Worthley	LA	Conditional
Gary	Landingham	SE	Conditional
Henry	Perez	EE	Conditional
Jarrett	Hart	EE	Conditional
Jennifer	Morigeau	CE	Conditional
Jerald	Ramsden	CE	Conditional
Jimmy	Guerrero	EE	Conditional
Joseph	Pudelka	ME	Conditional
Justin	Turnbull	LS	Conditional
FIRST NAME	LAST NAME	TYPE OF LICENSE	MAY DECISION
Keith	Sobolesky	ME	Conditional
Kenneth	Wallace	CE	Conditional
Kenneth	Rea	EE	Conditional
Kenneth	Rea	ME	Conditional

Kory	Robbins	ME	Conditional
Lauren	Southerland	CE	Conditional
Leif	Olson	ME	Conditional
Matthew	Probert	CE	Conditional
Matthew	Lord	ME	Conditional
Matthew	McCalla	ME	Conditional
Megan	Mahmoudi	ME	Conditional
Michael	Reberg	ME	Conditional
Mick	Francis	CE	Conditional
Nicholas	Berling	CE	Conditional
Nicholas	Ziganto	ME	Conditional
Patrick	Raney	EE	Conditional
Renato	Saturnino	EE	Conditional
Samantha	Gardner	Arch	Conditional
Saroj	Dangol	CE	Conditional
Scott	Su	ME	Conditional
Seth	Nicholas	ME	Conditional
Shannon	Berry	ME	Conditional
Shayah	Smiley	SE	Conditional
Steven	Flint	CE	Conditional
Taylor	Mortensen	CE	Conditional
Taylor	Gress	ME	Conditional
Timothy	Mitchell	EE	Conditional
Trenton	Drumm	ME	Conditional
William	Powell	CE	Conditional
William	Phillips	EE	Conditional

29. 4:10pm – Review of Action Items

Board prioritized the tasks using the following key:
Priority 1 = within the next 30 days
Priority 2 = by next board meeting
Priority 3 = 6-12 months

30. 4:00pm – Upcoming Meeting Dates

A. AELS August Board Meeting – August 23-24th – Board changed the dates to August 28-29th.

B. Set date for November 2023 Board Meeting – November Board meeting set for November 14-15th

31. 4:25pm – Board Member Comments

Several board members would like to see more work happen in the committees so the board meeting would be more efficient. Comments were made in approval of the consent agenda. Board members were encouraged by the tasks getting done. Bell would like board members to think about the objective of why they are speaking to try and streamline the board meeting and possibly get it down to one day. Leman appreciated having Colin Maynard, Lloyd Nakano and the people who came to the outreach event. Fritz appreciated the Outreach Committee writing the Outreach Plan as well as the Board's work on the Annual Report. She encouraged committees to do written reports that could be put into the consent agenda which could possibly save up to an hour in the meeting.

32. 4:30pm - Adjourn

Next Meeting:	August 28-29 th , 2023 - Anchorage
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DRAFT

ITEM 2: Outreach Reports

- A. 5/17/2023 - Strait – SEAKK lunch meeting
- B. 5/20/2023 - Fritz / Rozier –Board update for AIA
- C. 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.
- D. 7/23/2023 – Strait - SEAKK lunch meeting

Outreach Activity Report



Board	Alaska AELS Board
Person Reporting	Sterling Strait
Event	SEAAK Lunch Meeting
Organization	Structural Engineers Association of Alaska (SEAAK)
Date & Time	Noon on 5/17/23
# of Attendees	Approximately 30
Description	Provided an update on recent AELS Board activities includes SE Reg project and CEU Reg project.

AELS BOARD UPDATE

Prepared May 20, 2023

The Alaska AELS Licensing Board held its regular quarterly meeting on May 10-11, 2023 in Anchorage in the UAA Engineering Department conference room. The Board reviewed 110 applications (86 for Comity; 24 for Exam), with 8 of these for architectural registration by comity.

The Board approved a policy for the Executive Administrator to review comity applications for architects, engineers, and landscape architects that are straightforward and meet national standards. The final approval of applications for licensure will remain with the Board.

An outreach event with Alaska structural engineers was held over lunch on May 10th. Updated regulations were reviewed and there was robust discussion about proposed additional changes that will occur through regulation changes. The Outreach Committee has developed an outline for the coming fiscal year (beginning July 1) that includes outreach events at each regular meeting. Stay tuned for a possible event with AIA and APDC in November. The Board's travel to meet in person must be approved by the state prior to finalizing the outreach events.

The Board took action on issues related to the registration of interior designers. In a split vote, the majority of the Board voted in opposition of adding the field of interior design to the AELS Board. Discussion encouraged interior design to be regulated under a different framework if regulation is needed or desired. After taking this position, the Board then reviewed (CS) SB73 to make recommendations to the interior design bill that would improve it if the legislature placed interior design under the Board's statutory responsibilities. Specific recommendations were to not increase the size of the Board, to remove redundant language, and to improve the transition section of the bill. These comments were forwarded to the Senate Labor & Commerce Committee, but were not incorporated into the Committee Substitute (CS) of the bill before it was reported out.

Several regulation projects were reviewed and forwarded to the next step, which is preparing for public comment. The final review of the annual report was completed, and the Strategic Plan actions for the coming fiscal year were approved.

After the Board meeting, it was learned that SB 126, a bill to clean up outdated language and clarify several issues, was passed by the legislature and has been sent to the Governor for final review and signature. The Board is grateful to Senator Bjorkman and the Senate Labor & Commerce Committee for sponsoring this legislation, and thanks the Board's Legislative Liaison Committee Chair Loren Leman for the hard work to get the bill passed.

The next Board meeting will be August 28-29, 2023. The Board will request travel to meet in person in Anchorage, but this is not guaranteed. The meetings continue to be offered through Zoom, as well, and participation during the public comment period is encouraged.

Please reach out with questions and/or comments, and thanks for your interest in AELS Board issues and activities.

Catherine Fritz, AIA
Randall Rozier, AIA



AELS Outreach Report

Board Member:

Date of Event:

Event:

Description of Event:

6/19/2023. Met with representative Tom McKay to discuss AELS board composition and other issues.

6/27/2023. attended AELS bill signing with the Governor, Jeff Garness, Lonan Leman and the commissioner.



AEELS Outreach Report

Board Member: Date of Event:

Event:

Description of Event:

ITEM 3: Annual Report

Department of Commerce, Community
and Economic Development

Division of Corporations, Business
and Professional Licensing

Board of Registration for Architects, Engineers and Land Surveyors

Annual Report
Fiscal Year 2023



Department of Commerce, Community and Economic Development
Division of Corporations, Business and Professional Licensing
P.O. Box 110806
Juneau, Alaska 99811-0806
Email: License@Alaska.Gov

FY 2023 Annual Report

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FY 2023 Annual Report**Identification of the Board**

Board Member	Duty Station	Date Appointed	Term Expires
Architect	Anchorage	Mar 1, 2016	Mar 1, 2024
Jeffrey Garness -Vice Chair			
Landscape Architect		Mar 1, 2021	
F. Robert (Bob) Bell	Anchorage		Mar 1, 2024
Public Member	Fairbanks	Mar 1, 2022	Mar 1, 2025
Elizabeth Johnston			
Civil Engineer		Mar 1, 2020	
Jake Maxwell	Anchorage		Mar 1, 2025

FY 2023 Annual Report**Identification of the Board** (continued)

Board Member	Duty Station	Date Appointed	Term Expires
Architect	Anchorage	Mar 1, 2021	Mar 1, 2026
Sterling Strait			
Mining Engineer		Mar 1, 2016	

FY 2023 Annual Report

Identification of Staff

- Executive Administrator

Department of Commerce, Community & Economic Development
Division of Corporations, Business and Professional Licensing
P.O. Box 110806
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(907) 465-2550

- Licensing Examiner

Department of Commerce, Community & Economic Development
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- Investigator

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FY 2023 Annual Report

Identification of Staff (continued)

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FY 2023 Annual Report

Identification of Staff

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FY 2023 Annual Report

Identification of Staff (continued)

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Board of Registration for Architects, Engineers and Land Surveyors

FY 2023 Annual Report

Narrative Statement

Board of Registration for Architects, Engineers and Land Surveyors

FY 2023 Annual Report

Narrative Statement (continued)

FY 2023 Annual Report

Narrative Statement (continued)

FY 2023 New Individual Registrations

License Type	In State	Out of State	Total
Architect	3	26	29
Chemical Engineer	0	2	2
Civil Engineer	49	90	139
Control Systems Engineer	1	2	3
Electrical Engineer	4	40	44
Environmental Engineer	2	4	6
Fire Protection Engineer	0	2	2
Land Surveyor	8	1	9
Landscape Architect	0	4	4
Mechanical Engineer	8	33	41
Mining and Mineral Processing Engineer	0	1	1
Naval Architect and Marine Engineer	0	2	2
Petroleum Engineer	2	0	2
Structural Engineer	0	27	27
Total Licensed	77	234	311

FY 2023 - All Licensees

License Type	In State	Out of State	Total
Agriculture Engineer	0	1	1
Architect	236	376	612
Chemical Engineer	49	61	110
Civil Engineer	1442	1617	3059
Control Systems Engineer	23	28	51
Electrical Engineer	269	466	735
Environmental Engineer	109	34	143
Fire Protection Engineer	23	36	59
Industrial Engineer	0	1	1
Landscape Architect	32	26	58
Land Surveyor	286	111	397
Mechanical Engineer	337	490	827
Metallurgical and Materials Engineer	3	2	5
Mining and Mineral Processing Engineer	23	18	41
Naval Architect and Marine Engineer	2	18	20
Petroleum Engineer	53	51	104
Structural Engineer	130	281	411
Total Licensed	3,017	3,617	6,634

Board of Registration for Architects, Engineers and Land Surveyors

FY 2023 Annual Report

Narrative Statement (continued)

Board of Registration for Architects, Engineers and Land Surveyors

FY 2023 Annual Report

Narrative Statement (continued)

FY 2023 Annual Report

Budget Recommendations for FY 2024

Budget Recommendations section anticipates the board's fiscal priorities for the upcoming year. Please complete all parts of this section with details about anticipated meetings, conferences, memberships, supplies, equipment, to other board requests. Meeting expenses that are being funded through third-party reimbursement or direct booking must be identified separately from expenses paid through license fees (receipt-supported services or RSS). Be sure to explain any items listed as "other" so they may be tracked appropriately.

Board Meeting Date	Location	# Board	# Staff
	Anchorage		1
<input type="checkbox"/> Airfare:			\$ 1,200.00
<input type="checkbox"/> Hotel:			\$ 1,750.00
<input type="checkbox"/> Ground:			\$ 450.00
<input type="checkbox"/> Other: Per Diem			
Total Estimated Cost:			\$ 4,500.00

Board Meeting Date	Location	# Board	# Staff
	Anchorage		1
<input type="checkbox"/> Airfare:			\$ 1,200.00
<input type="checkbox"/> Hotel:			\$ 1,750.00
<input type="checkbox"/> Ground:			\$ 450.00
<input type="checkbox"/> Other: Per Diem			
Total Estimated Cost:			\$ 4,500.00

Board Meeting Date	Location	# Board	# Staff
	Anchorage		1
<input type="checkbox"/> Airfare:			\$ 1,200.00
<input type="checkbox"/> Hotel:			\$ 1,750.00
<input type="checkbox"/> Ground:			\$ 450.00
<input type="checkbox"/> Other: Per Diem			
Total Estimated Cost:			\$ 4,500.00

FY 2023 Annual Report

Budget Recommendations for FY 2024 (continued)

Budget Recommendations section anticipates the board's fiscal priorities for the upcoming year. Please complete all parts of this section with details about anticipated meetings, conferences, memberships, supplies, equipment, to other board requests. Meeting expenses that are being funded through third-party reimbursement or direct booking must be identified separately from expenses paid through license fees (receipt-supported services or RSS). Be sure to explain any items listed as "other" so they may be tracked appropriately.

Board Meeting Date	Location	# Board	# Staff
	Anchorage		1
<input type="checkbox"/> Airfare:			\$ 1,200.00
<input type="checkbox"/> Hotel:			\$ 1,750.00
<input type="checkbox"/> Ground:			\$ 450.00
<input type="checkbox"/> Other: Per Diem			
Total Estimated Cost:			\$ 4,500.00

Board Meeting Date	Location	# Board	# Staff
<input type="checkbox"/> Airfare:			
<input type="checkbox"/> Hotel:			
<input type="checkbox"/> Ground:			
<input type="checkbox"/> Other:			
Total Estimated Cost:			\$ 0.00

Board Meeting Date	Location	# Board	# Staff
<input type="checkbox"/> Airfare:			
<input type="checkbox"/> Hotel:			
<input type="checkbox"/> Ground:			
<input type="checkbox"/> Other:			
Total Estimated Cost:			\$ 0.00

FY 2023 Annual Report

Budget Recommendations for FY 2024 (continued)

Travel Required to Perform Examinations

☐ Not Applicable

Date	Location	# Board	# Staff
Oct 2023 & Apr 2024		1	

Description of meeting and its role in supporting the mission of the Board:

Every effort is made to utilize board members and staff to proctor the Alaska Land Surveying(AKLS) Exam; however, in the event a proctor is needed in Fairbanks, the board requests one-day travel be included in FY24 for a board member or staff to proctor the exam.

<input type="checkbox"/> Airfare:	\$400.00
<input type="checkbox"/> Hotel:	
<input type="checkbox"/> Ground:	\$70.00
<input type="checkbox"/> Conference:	
<input type="checkbox"/> Other:	
Total Estimated Cost:	\$ 560.00

Travel Required to Perform Examinations

☐ Not Applicable

Date	Location	# Board	# Staff

Description of meeting and its role in supporting the mission of the Board:

<input type="checkbox"/> Airfare:	
<input type="checkbox"/> Hotel:	
<input type="checkbox"/> Ground:	
<input type="checkbox"/> Conference:	
<input type="checkbox"/> Other:	
Total Estimated Cost:	\$ 0.00

FY 2023 Annual Report

Budget Recommendations for FY 2024 (continued)

Out-of-State Meetings and Additional In-State Travel (Rank in order of importance)

☒ #1 Rank in Importance or ☐ Not Applicable

Date	Location	# Board	# Staff
August 15-18th		4	

Description of meeting and its role in supporting the mission of the Board:

Expenditure	License Fees (RSS)	Third-Party Reimbursement	Third-Party Direct Booked	Total
<input checked="" type="checkbox"/> Airfare:				
<input type="checkbox"/> Hotel:			\$2,900.00	\$2,900.00
<input checked="" type="checkbox"/> Ground:				
<input type="checkbox"/> Conference:			\$1,800.00	\$1,800.00
<input checked="" type="checkbox"/> Other				
Describe "Other" (break out all sections):				
Net Total:	\$ 0.00	\$ 1,700.00	\$ 7,700.00	\$ 9,400.00

FY 2023 Annual Report

Budget Recommendations for FY 2024 (continued)

Out-of-State Meetings and Additional In-State Travel

#2 Rank in Importance

Date	Location	# Board	# Staff
June 2024		3	

Description of meeting and its role in supporting the mission of the Board:

The purpose of the NCARB Annual Meeting is to discuss and take action on resolutions related to national licensure standards for architects including potential updates to model law; NCARB bylaws; requirements for education, experience, and examination; and alternative pathways to licensure. Participation in this meeting allows the AELS board to play an active role in decisions regarding national minimum standards and requirements for architectural licensure for the protection of public health, safety, and welfare.

Additionally, the annual meeting includes workshops to examine ways regulatory boards can proactively address deregulatory environments, identify trends in technology that may impact regulation, how to educate policy makers, and training sessions on how to better utilize NCARB tools and resources.

NCARB offers funding for up to four delegates from each member board as follows:

Two funded delegates

There is no restriction on the discipline/ profession, attendees determined by board

One public/consumer member and one member board executive

Airfare, hotel and conference are 3rd party direct booked.

Expenditure	License Fees (RSS)	Third-Party Reimbursement	Third-Party Direct Booked	Total
<input checked="" type="checkbox"/> Airfare:				
<input type="checkbox"/> Hotel:			\$2,988.00	\$2,988.00
<input type="checkbox"/> Ground:				
<input type="checkbox"/> Conference:			\$1,800.00	\$1,800.00
<input type="checkbox"/> Other				
Describe "Other" (break out all sections):				
Net Total:	\$ 0.00	\$ 1,300.00	\$ 7,988.00	\$ 9,288.00

FY 2023 Annual Report

Budget Recommendations for FY 2024 (continued)

Out-of-State Meetings and Additional In-State Travel

#3 Rank in Importance

Date	Location	# Board	# Staff
September 23-24, 2023		1	

Description of meeting and its role in supporting the mission of the Board:

The purpose of the CLARB Annual Meeting is to discuss and take action on resolutions related to national licensure standards for landscape architects, amendments to bylaws, and analyzing current licensure processes to identify potential areas for streamlining and/or increasing mobility. Participation in this meeting allows the AELS board to play an active role in decisions regarding national minimum standards and requirements for landscape architect licensure for the protection of public health, safety, and welfare.

Funding: CLARB funds up to \$2,750 for board member delegate(s) to attend the annual business meeting

Expenditure	License Fees (RSS)	Third-Party Reimbursement	Third-Party Direct Booked	Total
<input checked="" type="checkbox"/> Airfare:				
<input type="checkbox"/> Hotel:	\$1,500.00			\$1,500.00
<input type="checkbox"/> Ground:				
<input type="checkbox"/> Conference:	\$1,000.00			\$1,000.00
<input checked="" type="checkbox"/> Other				
Describe "Other" (break out all sections):				
Net Total:	\$ 3,875.00	\$ 0.00	\$ 800.00	\$ 4,675.00

FY 2023 Annual Report

Budget Recommendations for FY 2024 (continued)

Out-of-State Meetings and Additional In-State Travel

#4 Rank in Importance

Date	Location	# Board	# Staff
April 2024		4	

Description of meeting and its role in supporting the mission of the Board:

The purpose of the NCEES Western Zone meeting is to discuss and put forth resolutions related to NCEES' Model Laws and Rules, examination policies and procedures, and/or education requirements for licensure, that will be voted on during the annual meeting. Zone meetings are structured so there are specific break-out sessions for engineers, surveyors, member board administrators, and law enforcement, to allow each group to discuss topics of interest. Being able to send three funded delegates and the board administrator allows representatives from the AELS board to actively participate in all of the break-out sessions and have a voice in the discussions. Additionally, the AELS board is extremely interested in hearing from the Survey Exam Task Force and discussing progress on the professional survey exam module, which may have a significant effect on the content of Alaska Land Surveying Exam. The Zone meeting is also a time to focus on legislative issues and trends at the regional level, such as Consumer Choice Act, Right to Earn a Living Act, and Military Spouse Portability. This meeting allows attendees to proactively address concerns and share experiences to assist other jurisdictions.

FUNDING: NCEES offers two types of funding for the Zone Meeting. All airfare, hotel, and conference fees for both types are third-party direct booked

Funded Delegates: NCEES funds up to three delegates from each member board, to be determined by the board. Historically, two engineers and one land surveyor attend as the funded delegates

Member Board Administrators: NCEES membership offers separate funding for board administrators to attend the Zone meeting for continuity and the different perspective staff offers on issues.

Expenditure	License Fees (RSS)	Third-Party Reimbursement	Third-Party Direct Booked	Total
<input type="checkbox"/> Airfare:			\$3,600.00	\$3,600.00
<input checked="" type="checkbox"/> Hotel:				
<input type="checkbox"/> Ground:				\$0.00
<input checked="" type="checkbox"/> Conference:				
<input type="checkbox"/> Other		\$1,700.00		\$1,700.00
Describe "Other" (break out all sections): NCEES reimburses travel incidentals				

Net Total:

FY 2023 Annual Report

Budget Recommendations for FY 2024 (continued)

Out-of-State Meetings and Additional In-State Travel

#5 Rank in Importance

Date	Location	# Board	# Staff
March 2024		3	

Description of meeting and its role in supporting the mission of the Board:

The NCARB Regional Summit allows members to focus on key issues related to architectural licensure at the regional level including deregulation trends, legislation, evolving technology and its effect on regulatory boards, national standards for education and experience, and examination content. Meetings are structured to include training sessions, regional breakout sessions, and plenary sessions. In conjunction with the Regional Summit, the Member Board Executive (MBE) Committee hosts a one-day workshop for all MBEs the day before the Summit. The workshop is specifically designed for MBEs and includes training sessions by NCARB staff on license verification tools, mutual recognition agreements, certification alternatives, disciplinary database, and other relevant topics.

NCARB offers funding for up to four delegates from each member board as follows:

Two funded delegates

There is no restriction on the discipline/ profession, attendees determined by board

One public/consumer member and one member board executive

Airfare, hotel and conference are 3rd party direct booked.

Expenditure	License Fees (RSS)	Third-Party Reimbursement	Third-Party Direct Booked	Total
<input checked="" type="checkbox"/> Airfare: <input type="checkbox"/> Hotel: <input type="checkbox"/> Ground: <input type="checkbox"/> Conference: <input checked="" type="checkbox"/> Other Describe "Other" (break out all sections):			\$4,200.00 \$1,800.00	\$4,200.00 \$1,800.00
Net Total:	\$ 0.00	\$ 1,300.00	\$ 9,600.00	\$ 10,900.00

FY 2023 Annual Report

Budget Recommendations for FY 2024 (continued)

Out-of-State Meetings and Additional In-State Travel

#6 Rank in Importance

Date	Location	# Board	# Staff
TBD		1	

Description of meeting and its role in supporting the mission of the Board:

WCARB Executive Committee - Catherine Fritz/Chair

The Executive Committee of the Western Region administers the affairs of the Western Region and puts into effect all general policies, directions and instructions adopted at any meeting of the Western Region where a quorum is present, and acts for the membership of the Western Region. Executive Committee members are reimbursed for their expenses relative to WCARB activities.

Expenditure	License Fees (RSS)	Third-Party Reimbursement	Third-Party Direct Booked	Total
<input checked="" type="checkbox"/> Airfare: <input type="checkbox"/> Hotel: <input type="checkbox"/> Ground: <input type="checkbox"/> Conference: <input checked="" type="checkbox"/> Other Describe "Other" (break out all sections):			\$1,500.00	\$1,500.00
				\$0.00
Net Total:	\$ 0.00	\$ 1,200.00	\$ 3,900.00	\$ 5,100.00

FY 2023 Annual Report

Budget Recommendations for FY 2024 (continued)

Out-of-State Meetings and Additional In-State Travel

#7 Rank in Importance

Date	Location	# Board	# Staff
Feb 2024		1	

Description of meeting and its role in supporting the mission of the Board:

State Fire Marshal Forum - Each year one board member represents the AELS Board at the forum which is held in Anchorage, Alaska.

Expenditure	License Fees (RSS)	Third-Party Reimbursement	Third-Party Direct Booked	Total
<input checked="" type="checkbox"/> Airfare: <input type="checkbox"/> Hotel: <input checked="" type="checkbox"/> Ground: <input type="checkbox"/> Conference: <input checked="" type="checkbox"/> Other Describe "Other" (break out all sections):				\$0.00 \$0.00
Net Total:	\$ 280.00	\$ 0.00	\$ 0.00	\$ 280.00

FY 2023 Annual Report

Budget Recommendations for FY 2024 (continued)

Out-of-State Meetings and Additional In-State Travel

#8 Rank in Importance

Date	Location	# Board	# Staff
Multiple		1	

Description of meeting and its role in supporting the mission of the Board:

Elizabeth Johnston serves as the NCEES Assistant Western Zone Vice President which requires her to attend the annual meeting in August 2023 in Boston, MA, the Western Zone meeting in May 2024 in Bozeman, MT, and the annual meeting in August 2024. All expenses will be paid by NCEES.

Expenditure	License Fees (RSS)	Third-Party Reimbursement	Third-Party Direct Booked	Total
<input type="checkbox"/> Airfare:				\$0.00
<input type="checkbox"/> Hotel:				
<input type="checkbox"/> Ground:				\$0.00
<input type="checkbox"/> Conference:				
<input type="checkbox"/> Other				\$0.00
Describe "Other" (break out all sections):				
Net Total:				

FY 2023 Annual Report

Budget Recommendations for FY 2024 (continued)

Out-of-State Meetings and Additional In-State Travel

#9 Rank in Importance

Date	Location	# Board	# Staff
July 23-25, 2023		1	

Description of meeting and its role in supporting the mission of the Board:

Catherine Fritz's role as Chair of the WCARB Region 6 Executive Committee requires her to serve on the NCARB Regional Leadership Committee. This committee represents the leadership and interests of all six of the NCARB regions.

Expenditure	License Fees (RSS)	Third-Party Reimbursement	Third-Party Direct Booked	Total
<input type="checkbox"/> Airfare:			\$1,600.00	\$1,600.00
<input checked="" type="checkbox"/> Hotel:				
<input type="checkbox"/> Ground:				\$0.00
<input type="checkbox"/> Conference:				
<input type="checkbox"/> Other		\$500.00		\$500.00
Describe "Other" (break out all sections): NCARB reimburses for travel incidentals				

Net Total:

FY 2023 Annual Report

Budget Recommendations for FY 2024 (continued)

Out-of-State Meetings and Additional In-State Travel

#10 Rank in Importance

Date	Location	# Board	# Staff
Jan - May 2023		1	

Description of meeting and its role in supporting the mission of the Board:

2023-2024 - Legislative Session - Legislative Liaison Committee Chair, Loren Leman, will possibly attend hearings on HB159 and SB73.

Expenditure	License Fees (RSS)	Third-Party Reimbursement	Third-Party Direct Booked	Total
<input type="checkbox"/> Airfare:	\$800.00			\$800.00
<input checked="" type="checkbox"/> Hotel:				
<input type="checkbox"/> Ground:				\$0.00
<input type="checkbox"/> Conference:				
<input type="checkbox"/> Other	\$180.00			\$180.00
Describe "Other" (break out all sections): Per Diem				
Net Total:				

FY 2023 Annual Report

Budget Recommendations for FY 2024 (continued)

Non-Travel Budget Requests

- ☐ Not Applicable
 ☐ Resources
 ☐ Examinations
☒ Membership
 ☐ Training
 ☐ Other

Product or Service	Provider	Cost Per Event
	National Council of Examiners for Engineering & Surveying	

Description of item and its role in supporting the mission of the Board:

NCEES is a national nonprofit that maintains model laws and rules and sets licensing standards that are determined by its member board members which are made up from 55 states and territories. Membership dues provide: access to the FE, FS, PE, LS and SE exams, three funded delegates to both the annual business meeting and the zone meeting, record transmittals for applicants, outreach materials, CE tracking system, and publications.

Non-Travel Budget Requests

- ☐ Not Applicable
 ☐ Resources
 ☐ Examinations
☒ Membership
 ☐ Training
 ☐ Other

Product or Service	Provider	Cost Per Event
	National Council of Architectural Registration Boards/Western Council	

Description of item and its role in supporting the mission of the Board:

NCARB is a national nonprofit organization comprised of architectural boards from 55 states and territories. NCARB prepares, administers, and scores the Architectural Registration Exams (ARE). Membership dues provide: Access to the ARE, review of licensing candidates' education, tracking the required experience, record transmittals for applicants, three funded delegates to both the annual business meeting and the regional meeting, and regional support from WCARB. Annual dues: \$1,000 NCARB / \$4,000 WCARB

Non-Travel Budget Requests

- ☐ Not Applicable
 ☐ Resources
 ☐ Examinations
☒ Membership
 ☐ Training
 ☐ Other

Product or Service	Provider	Cost Per Event
	Council of Landscape Architect Registration Boards	

Description of item and its role in supporting the mission of the Board:

CLARB is a national nonprofit that works to protect the public's health, safety, and welfare by establishing and promoting professional licensure standards. CLARB prepares, administers, and scores the Landscape Architect Registration Examination (LARE). Membership dues provide: Access to the LARE, record transmittals for applicants, national disciplinary database, regional meetings, trainings, and one funded delegate to the annual business meeting.

FY 2023 Annual Report

Budget Recommendations for FY 2024 (continued)

Other Items with a Fiscal Impact

☐ Not Applicable

Cost Per Event: \$3,000.00

Number of Events:

Product or Service	Provider	Cost Per Event
Exam Development & Scoring		\$3,000.00

Description of item and its role in supporting the mission of the Board:

Other Items with a Fiscal Impact

☐ Not Applicable

Cost Per Event:

Number of Events: 1

Product or Service	Provider	Cost Per Event
	Test, Inc.	

Description of item and its role in supporting the mission of the Board:

TEST, Inc. develops and scores the Alaska Land Surveyor Exam (AKLS). The AKLS test blueprint is reviewed at the Subject Matter Experts (SMEs) test development workshop which is held in May every other year. During the workshop, the SMEs update the test blueprint with any statute or regulation change that impact the practice of land surveying and compare the blueprint to the NCEES FS and PS test specifications to ensure the AKLS does not duplicate the content and scope of the FS or PS exams. As of 2023, the AKLS is offered twice a year in April and October.

Other Items with a Fiscal Impact

☐ Not Applicable

Cost Per Event:

Number of Events:

Product or Service	Provider	Cost Per Event

Description of item and its role in supporting the mission of the Board:

FY 2023 Annual Report**Budget Recommendations for FY 2024 (continued)****Other Items with a Fiscal Impact**☐ **Not Applicable****Cost Per Event:** \$250.00**Number of Events:**

Product or Service	Provider	Cost Per Event
Outreach		\$250.00

Description of item and its role in supporting the mission of the Board:**Other Items with a Fiscal Impact**☐ **Not Applicable****Cost Per Event:****Number of Events:**

Product or Service	Provider	Cost Per Event

Description of item and its role in supporting the mission of the Board:**Summary of FY 2024 Fiscal Requests**

Board Meetings and Teleconferences:

Travel for Exams: \$560.00

Out-of-State and Additional In-State Travel:

Dues, Memberships, Resources, Training: \$20,425.00

Total Potential Third-Party Offsets: -

Other: \$9,750.00

Total Requested:

FY 2023 Annual Report

Legislative Recommendations - Proposed Legislation for FY 2024

☐

No Recommendations

The Board has no recommendations for proposed legislation at this time.

☒

Recommendations

The Board has the following recommendations for proposed legislation:

FY 2023 Annual Report

Legislative Recommendations (continued)

FY 2023 Annual Report

Regulation Recommendations - Proposed Regulations for FY 2024

☐

No Recommendations

The Board has no recommendations for proposed regulations at this time.

☐

Recommendations

The Board has the following recommendations for proposed regulations:

FY 2023 Annual Report

Regulation Recommendations (continued)

FY 2023 Annual Report

Goals and Objectives

Part I

FY 2023's goals and objectives and how they were met:

FY 2023 Annual Report

Goals and Objectives (continued)

Part I (continued)

FY 2023's goals and objectives and how they were met:

FY 2023 Annual Report

Goals and Objectives (continued)

Part II

FY 2024's goals and objectives, and proposed methods to achieve them.

Describe any strengths, weaknesses, opportunities, threats and required resources:

FY 2023 Annual Report

Goals and Objectives (continued)

Part II (continued)

FY 2024's goals and objectives, and proposed methods to achieve them.

Describe any strengths, weaknesses, opportunities, threats and required resources:

FY 2023 Annual Report

Sunset Audit Recommendations

Date of Last Legislative Audit: 04/27/2016

Board Sunset Date:

Audit Recommendation:

Extend the AELS Board's termination date to June 30, 2025 and consider making the temporary, non-voting Landscape Architect seat a permanent, voting member of the board.

Action Taken:

Next Steps:

Completed: ☐ No ☐ Yes

If yes, date completed: 06/22/2017

Audit Recommendation:

Action Taken:

Next Steps:

Completed: ☐ No ☐ Yes

If yes, date completed:

Audit Recommendation:

Action Taken:

Next Steps:

Completed: ☐ No ☐ Yes

If yes, date completed:

FY 2023 Annual Report

Sunset Audit Recommendations (continued)

Audit Recommendation:

Action Taken:

Next Steps:

Completed: ☐ No ☐ Yes

If yes, date completed:

Audit Recommendation:

Action Taken:

Next Steps:

Completed: ☐ No ☐ Yes

If yes, date completed:

Audit Recommendation:

Action Taken:

Next Steps:

Completed: ☐ No ☐ Yes

If yes, date completed:

FY 2023 Annual Report

Sunset Audit Recommendations (continued)

Audit Recommendation:

Action Taken:

Next Steps:

Completed: ☐ No ☐ Yes

If yes, date completed:

Audit Recommendation:

Action Taken:

Next Steps:

Completed: ☐ No ☐ Yes

If yes, date completed:

Audit Recommendation:

Action Taken:

Next Steps:

Completed: ☐ No ☐ Yes

If yes, date completed:

AELS 2023 Annual Report

APPENDIX A

Strategic Plan

AEELS Board's Mission is to protect the public health, safety, and welfare through regulation of the practice of architecture, engineering, land surveying, and landscape architecture by...

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.

AELS 2023 Annual Report

APPENDIX B

Outreach Plan

The Alaska State Board of Registration for Architects, Engineers, and Land Surveyors (AELS),
Outreach Committee – Annual Report & FY24 Outreach Plan

May 2, 2023

The AELS Outreach Committee is instrumental in ensuring that the board effectively engages with its stakeholders who include licensed professionals, aspiring licensees, employers, and the public. The primary objective of the Outreach Committee is to promote the board's mission and values, increase awareness of its laws, policies and procedures, and enhance its reputation as a fair and transparent regulatory body.

In-person events with stakeholders are important to the Board's outreach program because they allow for personal connections, effective communication, collaboration, creativity, and better decision-making. While virtual meetings have their benefits, in-person meetings cannot be replaced in building relationships and reaching successful outcomes.

Strategic Objectives for the Outreach Committee include:

1. Increase communication with stakeholders: The committee can develop a communication plan that outlines how the board will communicate with stakeholders, including email newsletters, social media, and website updates. The committee can also hold regular stakeholder meetings to solicit feedback and provide updates on the board's activities.
2. Educate aspiring licensees: The committee can develop resources that educate aspiring licensees on the requirements for obtaining a license, including the application process, examination requirements, and continuing education requirements. The committee can also identify available resources to study for exams, offer guidance on how to prepare for the licensing exam, and how to navigate the application process.
3. Foster partnerships with employers: The committee can develop partnerships with employers in the industry to increase awareness of the board's licensing requirements and ensure that employers are aware of the board's role in regulating the profession. The committee can also work with employers to identify emerging trends in the industry that may impact licensing requirements and streamline or clarify regulations.
4. Enhance transparency: The committee can develop policies and procedures that promote transparency and fairness in the board's decision-making processes. This can include developing guidelines for how the board will review and evaluate license applications and complaints, as well as how it will communicate its decisions to stakeholders.
5. Promote professionalism: The committee can develop initiatives that promote professionalism within the industry, including continuing education opportunities and professional development resources. The committee can also develop guidelines for ethical conduct and promote adherence to these standards among licensees.

In summary, the AELS Outreach Committee is crucial to ensuring that the board effectively engages with its stakeholders and promotes its mission and values. By increasing communication, educating aspiring licensees, fostering partnerships with employers, enhancing transparency, and promoting professionalism, the committee can help the board achieve its objectives and maintain its reputation as a fair and transparent regulatory body.

The Alaska State Board of Registration for Architects, Engineers, and Land Surveyors (AELS),
Outreach Committee – Annual Report & FY24 Outreach Plan

May 2, 2023

AELS Board Outreach Plan for FY2024: The following topics and events are aligned with the AELS Board’s regular schedule and located in Anchorage due to consistency with the Board’s FY24 meeting travel request. More information about each program will be developed approximately 60 days before the event.

August 2023: Society for Marketing Professional Services (SMPS). This event will focus on AELS Board regulations related to licensing requirements when offering proposals.

November 2023: Alaska Professional Design Council (APDC) and American Institute of Architects (AIA). This event will review the new AELS regulations for Continuing Education that includes new reporting forms and documents for audits. The biennial period for licensing renewal ends December 31, 2023 so this is important information for registrants to learn before the end of 2023. This event will also allow the licensed design professionals to bring issues directly to the Board.

February 2024: UA Engineering and Land Surveying Student “Path to Licensure” forum. This event will occur on the UA campus and provide information to students about the importance of licensure and how the process of becoming registered engineer or land surveyor works in Alaska.

May 2024: Regulators forum with Anchorage Building Official, State Fire Marshal, key Municipality of Anchorage (MOA) officials, and AELS Investigator. This event will bring together regulatory officials to discuss regulations, policies, and enforcement of licensed design professional practice.

AELS 2023 Annual Report

APPENDIX C

Outreach Reports

AELS BOARD UPDATE

Prepared August 17, 2022

The Alaska AELS Licensing Board met for its regular quarterly meeting on August 16-17, 2022 in Fairbanks. The Board reviewed and approved (either full approval or conditional approval) a total of 91 applications. 8 of these were for architectural licensing by comity, and 1 was for architectural licensing by examination.

The Board reviewed public comments from the regulation changes package that had originally started in 2019. This regulation change package was primarily clean-up and modernization items that will bring regulations more in line with national standards, be more efficient, and provide better service to registrants. One of the new provisions provides the opportunity for AELS staff to review straight-forward comity applications that follow adopted national standards. This means, for example, that an architect applicant with a current NCARB certificate that satisfies all education, examination, and experience requirements will be able to be reviewed by staff rather than waiting for the quarterly meeting to be considered by the Board. Staff will still refer complicated comity applications to the Board for review. Following final review by AK Dept of Law, the updated regulations are expected to take effect in the near future.

Standing committees of the Board have been very active. They reported on several items that will soon become new regulation projects. The Continuing Education Committee gave an update of their work to date that reflects the goals of simplifying and clarifying the CE requirements. While not yet ready for a regulation project, this important work will continue over the next several months and will be organized into a regulation change project that will include the opportunity for feedback from registrants. The Board also reflected on some of the “lessons learned” from the last CE audit, and encourages all registrants to maintain good records of CE activities throughout the 24 month period (don’t wait until the last minute!) and make sure that you “check the correct box” on your biennial license renewal. Make sure you really completed the required 24 PDHs before you check the box that indicates such so you don’t get involved in a license enforcement action!

The Legislative Committee is developing on a statute clean-up project that also began in 2019. Changes in statute will require approval by the legislature to enact. They are also working on a regulation project to clarify the meaning of “responsible charge.” Stay tuned for more information on both of these issues.

The Outreach Committee will be renewing the annual AELS newsletter that has been idle for several years. They are also developing events that will be associated with future Board meetings, like Board interaction with UAA engineering and land surveying students and faculty as part of the November, 2022 meeting.

Please reach out with questions and/or comments, and thanks for your interest in AELS Board issues and activities.

Catherine Fritz, AIA
Randall Rozier, AIA

Outreach Activity Report

Board: AELS

Date & Time of Event: November 9, 2022

Person Reporting: Jake Maxwell

of Attendees: Employees: 1 / Board Members: 7

Type of Outreach:

Outreach to UAA School of Engineering

Attendees:

AELS Board & UAA School of Engineering Students

Description of Event:

The AELS Outreach Committee hosted a question-and-answer session for UAA School of Engineering and Geomatics Students, November 9th after the regularly scheduled Board Meeting. It was an opportunity for Board Members and Students to discuss what it means to be a Licensed Professional in Alaska, and pathways for students to become licensed. Fellow Board Members contributed towards providing pizza and sodas for the event.

AELS BOARD UPDATE

Prepared December 12, 2022

The Alaska AELS Licensing Board met for its regular quarterly meeting on November 9-10, 2022 in Anchorage. The Board reviewed and approved (either full approval or conditional approval) a total of 62 applications, including 1 that was for architectural licensing by comity.

The Board continued working on several regulation projects, with four “clean-up” items now ready to begin the public review process. A motion was passed to begin a new regulation project to add the NCEES branch of engineering called “Architectural Engineering” to the other 15 branches already being regulated in Alaska. I expressed concerns that this branch had been considered in 2012 when the 15 branches were adopted. At that time, architects objected to the addition of this branch because of the overlapping scope and confusion to the public of the differences between architectural and architectural engineering practices. NCEES’ architectural engineering exam covers building integration, project management, and electrical, mechanical, and structural systems. There are approximately 25 university accredited architectural engineering programs in US. Currently, the state of Alaska recognizes the architectural engineering to satisfy education requirements for mechanical, electrical, structural, and fire protection engineering branches, which means a candidate can be educated with an A/E degree, but must take the exam in the branch of engineering they wish to become licensed in. The regulation project to add the Architectural Engineer license type to Alaska’s engineering disciplines was referred to the Board’s Legislative Liaison Committee. Architects can learn more and/or testify about this issue during the next AELS Board meeting, Feb 8-9, 2023.

The Board’s Outreach Committee organized a “meet and greet” with UAA engineering students on November 9th. This committee is also bringing back the AELS newsletter, so stay tuned for an electronic publication soon.

The Board has requested that the next meeting, Feb 8-9, 2023 be in-person in Juneau. State travel has been tightened up again, so it is not yet clear if the in-person meeting will be approved.

Please reach out with questions and/or comments, and thanks for your interest in AELS Board issues and activities.

Catherine Fritz, AIA
Randall Rozier, AIA

Outreach Activity Report

Board: AELS

Date & Time of Event: 11/21/22

Person Reporting: Sterling Strait

of Attendees: 40ish

Employees: / Board Members: Sterling Strait

Type of Outreach: General Notification

Attendees:

Description of Event:

Regular lunch meeting for the Structural Engineers Association of Alaska.

I gave a brief update on recent AELS Board activities and discussions.

Outreach (contact) report

Jesse Bjorkman, State Senator, Nikiski

Several times after the election on November 8, 2022 I communicated with Jesse Bjorkman, then a Senator-elect, about the possibility of the Senate Labor & Commerce Committee sponsoring our proposed legislation. He had been tapped to chair this committee when the Senate announced its organization, and because this committee would likely be the first committee of referral, it seemed like a good fit.

I sent Senator-elect Bjorkman our draft bill plus a description of the changes we propose. He responded favorably to my suggestion and asked for time to discuss this with the committee. As of this writing the bill has not yet been introduced, in my last communication with him, he said that he and his staff are considering it and it sounded likely that it would be soon.

I offered to testify, either in person or by video-conference.

Respectfully submitted,

Loren Leman
Member, AELS Board
January 25, 2023



AELS Board Update

February 2023

Presented by: Elizabeth Johnston to Fire Marshal Forum



HELLO!

- Reviews applicants for licensure by testing or comity
- Authorizes corporations to practice
- Adopts regulations regarding licensure and the practice of engineering, architecture, land surveying, and landscape architecture
- Suggests statute changes to the Legislature
- Establishes a code of ethics
- Establishes Continuing Professional Competency Requirements
- Can revoke or suspend a registration



ENGINEERING LICENSURE


- Established by Statute – Sec. 08, Chapter 48
- Governed also by Regulations – 12 AAC 36
- Can be found as a pdf file on the web site for the Board of Architects, Engineers, and Land Surveyors (AEELS)
 - Landscape Architects are also governed by Board
- Completely funded by registration and application fees

ENGINEERING LICENSURE

- Licensure is required to protect the health, safety, and welfare of the public
- Used to ensure a minimum competency of those practicing engineering
- It is NOT to be used to limit competition
- Board goes through a Sunset Review every few years.
 - Last Sunset was in 2017
 - Next Sunset is in 2025



THREE-LEGGED STOOL OF LICENSURE

- Education
 - Experience
 - Examination
- 



EDUCATION

- Bachelor's Degree in Engineering is a Minimum
 - Preferably from an ABET accredited program
- Master's or Doctorate may reduce the Experience required, depending on which BS was earned
- ABET accredited BS in Engineering Technology also acceptable, with increased Experience
- Degree should be in discipline of engineering for registration sought
 - If not, additional experience is required

EXPERIENCE

- Should be in the discipline in which the applicant seeks to be registered
- Length of Experience depends on level and nature of Education
- At least two years must be responsible charge experience under the direction of a PE
 - “Responsible Charge” means the direct control and personal supervision of work

EXPERIENCE

- At least two years must be responsible charge experience under the direction of a PE
 - “Responsible Charge” means the direct control and personal supervision of work
 - Must be working independently, where projects are assigned with little oversight
 - Merely running numbers based on a layout prepared by others does not qualify
 - Should be under a PE in your discipline
 - If it is not, the Board may determine the amount of experience granted based on the comparability with the branch applied for.

EXAMINATION

- Two exams required for initial licensure (NCEES):
 - Fundamentals of Engineering (FE)
 - Principles & Practice of Engineering (PE)
 - Alaska also requires an online jurisprudence 'examination'
- FE usually taken during or just after Senior year in College.
 - Must have completed at least 75% of the required credit hours toward a degree in engineering
 - ABET BS in ET or non-ABET BS in engineering also require one year of work experience
 - Has been a computer-based test since 2014
 - Now is offered year round
 - Apply directly to NCEES (ncees.org)
 - Starts your NCEES Record
 - Set appointment at a Pearson-Vue Testing Center
 - Can postpone for fee

EXAMINATION

- Jurisprudence exam (open book, on line)
- Professional Engineering Exam (NCEES)
 - Fourteen possible engineering registrations in AK
 - Twenty-two possible PE tests
 - Architectural Engineering Exam and Registration not offered in AK
 - All are eight-hour exams
 - Given in four-hour blocks
- PE Structural Exam (SE)
- NCARB ARE 5.0 exams – 6 divisions
- CLARB LARE exams – 4-part computer test



ISSUES BEFORE THE BOARD



1. Continued Professional Competency
2. Digital Signatures & Document Retention
3. Make-up of the Board
4. Interior Design Registration Initiative
5. Military Licensure
6. Structural



1. Continued Professional Competency

Proposed changes to regulation (highlights)

- 4 hrs for structured self study
- 8 hrs Ethics/business related activity related to licensee's business practice
- Outreach activities
- CE structured report



2. Digital Signatures

& Document Retention

Digital Signatures (current state)

- (f) An electronic image of a signature may be used on the seal if the registrant or the owner of the documents retains an original copy of the documents, accessible for later reference, that has either
- (1) an original hand signature over the seal; or
 - (2) software in place that will automatically remove or modify the electronic image of the signature if the document is modified.

Sealing and Signing

The minimum acceptable standards for the sealing and submittal of drawings and documents are that all final documents must include a seal, a signature, and a date.

A digital signature may be used over the seal. A "digital signature" means a digital code, generated and authenticated by public-key encryption, which is attached to an electronically transmitted document to verify its contents and the sender's identity. This does not prohibit the Registrant from placing an original wet seal or seal impression and an original signature. The Registrant must maintain the security of the electronic signature consistent with maintaining the protection of their seal. If an original signature is utilized, the Registrant or the owner of the documents shall retain an original copy of the documents.

Signatures shall be located over the seals. Dates shall be included by electronically or manually inserting them within the seals or within 2" of the seals. Seals shall be large enough so text within them is legible.



3. Make-up Of the Board

Mechanical/Electrical/Structural Clarifications

AEELS Board Make-Up



- Established by Statute
- Consists of:
 - Two architects
 - Two civil engineers
 - Two land surveyors
 - One mining engineer (or petroleum or chemical)
 - One electrical or mechanical engineer (currently electrical)
 - One engineer from any discipline (currently materials)
 - One landscape architect
 - One public member
- Listing of Board members is only mention of engineering disciplines in Statute
 - The fifteen registrations offered are set by regulation



3. Interior Design Registration Initiative

Interior Design Working Group



The group agreed:

- There are life safety components of interior design that impact health safety, welfare
- Regulation of interior design is appropriate
- Qualified, credentialed interior designers should be able to practice independently within a clearly defined scope of work
- Distinction between qualified interior designers and others who practice aspects of interior design provides recognition and clarity for regulatory and enforcement bodies and the general public



4. Military Licensure

Temporary Licensure

Sec. 08.01.064. Military education, training, and service credit; temporary license. (a) Notwithstanding another provision of law, the department or applicable board shall accept military education, training, and service for some or all of the qualifications otherwise required of an applicant for a license or certificate issued under this chapter if

(1) the department or applicable board determines that the military education, training, and service is substantially equivalent to some or all of the qualifications otherwise required of an applicant for a license or certificate issued under this chapter; and

Temporary licensure

- Provides each profession with a pathway to temporary licensure.
- Ensures candidates are qualified and discipline-free prior to practicing in Alaska.
- Expedites temporary licenses for military spouses and others who are critically needed by their employers.
- Department to establish temporary licenses for each program, in collaboration with boards, licensees, and stakeholders.

AEELS Military Temporary Licensure

- Architects = NCARB council record
- Engineers = NCEES Model Law Engineer or Model Law Structural Engineer designation
- Surveyors = NCEES record, AKLS
- L. Architects = CLARB record
- Cold Regions Design




4. Structural Engineering

Structural Engineering

- Structural Engineering (SE) Registration is post-PE (as of September 2016)
 - Get a PE (usually Civil-Structural)
 - Work for two more years under direction of an SE
 - Take Structural Engineering Exam (16 hours)



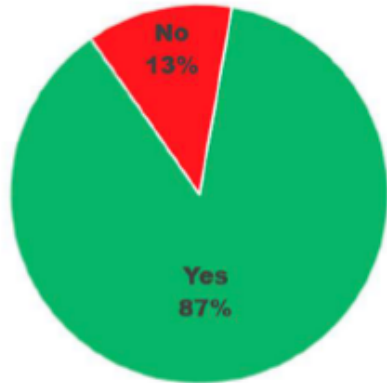
Structural Engineering

- A Structural Engineer is required on “significant structures” defined by regulation
 - Mainly essential facilities over a certain size
 - Large buildings
 - Tall towers
 - Long bridges
- 

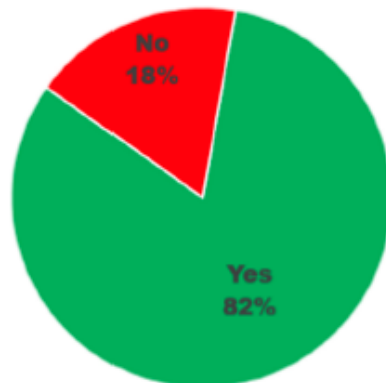
SE Community Feedback

Survey Question: Please indicate which of the following requirements are appropriate to qualify to take the SE Exam for licensure in Alaska?:

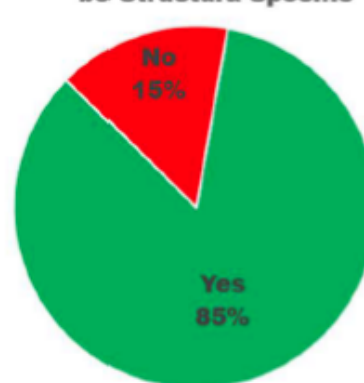
First Obtain PE License



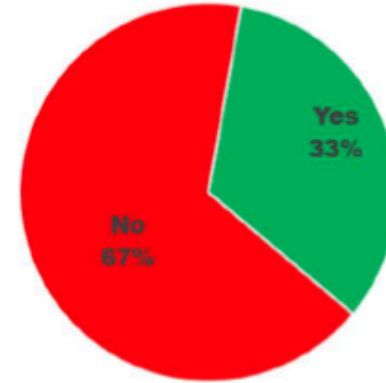
Have two years of experience beyond what is required for PE



Additional Experience must be Structural-Specific



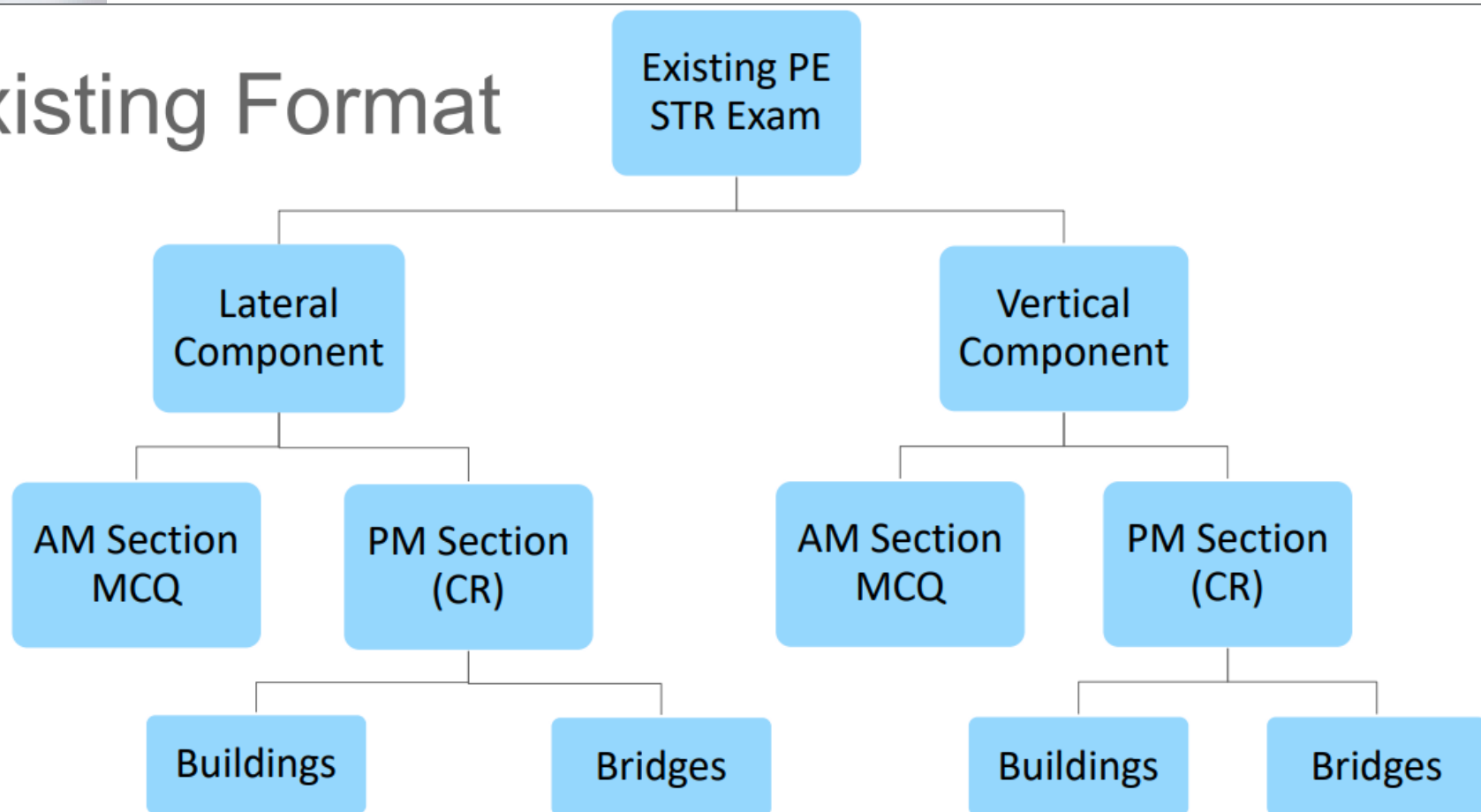
Have Experience Working on 'Significant Structures'



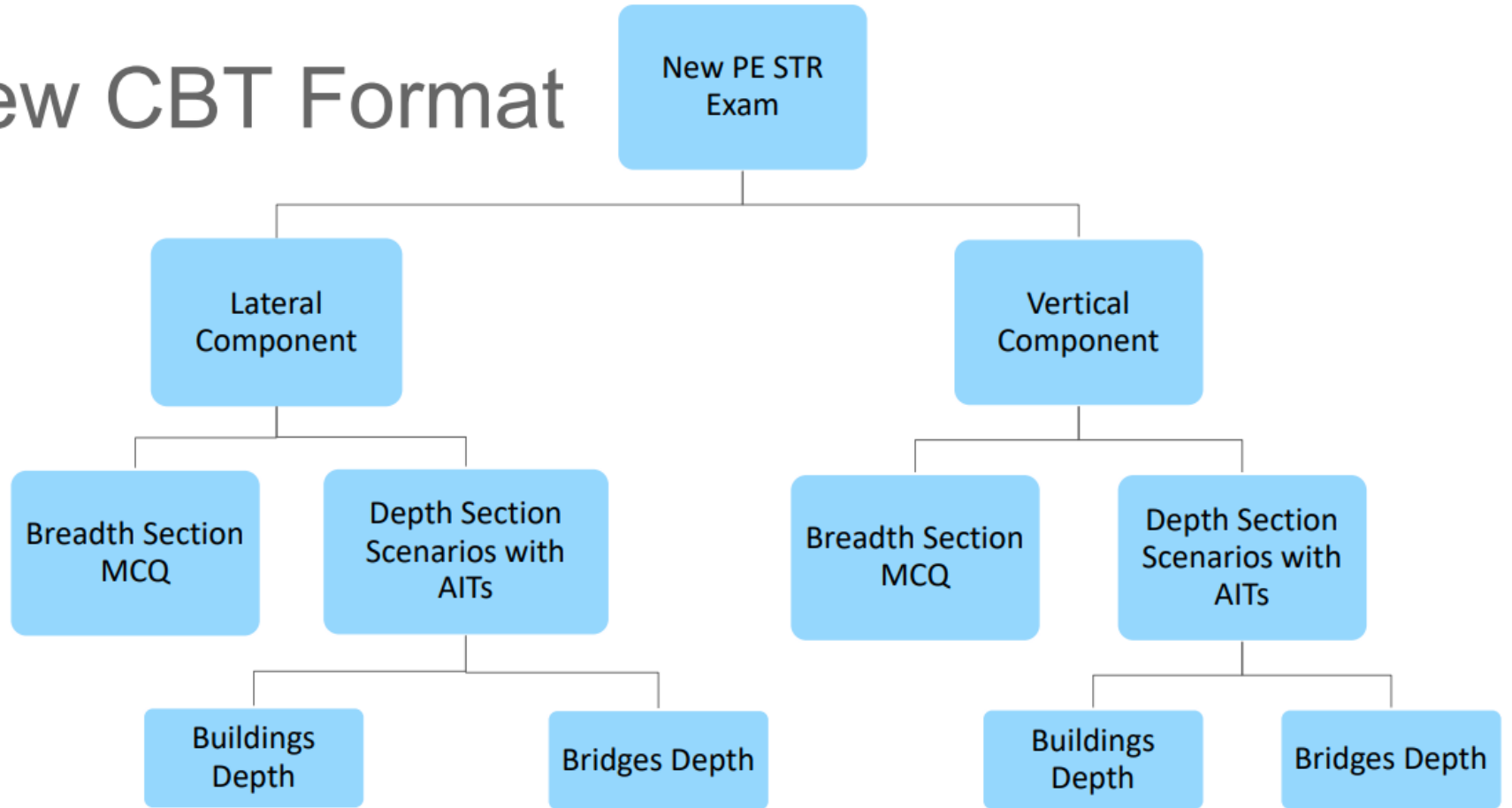
SE Exam History

- Structural 1 and Structural II exams were constructed-response (CR) 1985
- 90s went to objectively scored exams with multiple choice (MCQ)
- 1996 S1 MCQ, S2 CR
- 16 Hr structural
 - 2 part (gravity and lateral)
 - MCQ and CR
 - Buildings & Bridges

Existing Format



New CBT Format



Structural Exam Proposed Format

- Vertical and Lateral Component
- Each component has breadth & depth (taken separately)
- Acceptable results required on all 4 sections
- Breadth 5.5 hrs exam time
- Depth 5.0 hrs exam time
 - Alternative item types, such as multiple-choice/multiple-correct, drag and drop, point and click, and fill in the blank.

12 AAC 36.064. ELIGIBILITY FOR STRUCTURAL ENGINEERING EXAMINATION. (a) To be eligible for the structural engineering examination, an applicant must

(1) submit an application for examination as a structural engineer; and

(2) be currently registered as a professional engineer in this state; and

(3) have at least two years of structural engineering experience which shall:

(A) be gained after obtaining professional engineering licensure; and

(B) be progressive in job knowledge and duties related to the design of structural systems; and

(C) be obtained under the responsible charge of a licensed professional structural engineer; and

(D) include practical design experience in one or more of the following areas:

(i) any building or structure two stories and more, or 45 feet in height, located in a region of moderate or high seismic risk; or

(ii) seismic retrofit/rehabilitation of an existing building or structure located in a region of moderate or height seismic risk; or

(iii) structural design of any other structure of comparable structural complexity; and

(4) provide documentation of the experience required by 12 AAC 36.064(3)(D)

Summary

	Existing	New
No. of Components	2 (Vertical and Lateral)	2 (Vertical and Lateral)
Breadth section for each component	Yes (AM section w/ 40 MCQ)	Yes (45+10=55 MC questions)
Depth section for Buildings (for each component)	Yes (4 CR items manually graded)	Yes (5 scenarios with 60 AITs)
Depth section for Bridges (for each component)	Yes (3 CR items manually graded)	Yes (5 scenarios with 60 AITs)
Sections administered separately?	No (only by component)	Yes
Exam makeup	Two independent components offered twice per year	Four independent sections offered year-round (breadth) or twice (depth) per year
Results	8 – 10 weeks	Eventually 7-10 days

INVESTIGATIONS - OUR PROCESS IS EASY



See Something

Practicing without a registration

Fraud or deceit

Incompetence, gross negligence, or misconduct

Violation of the code of ethics, statute, or regulations

Corporation without a corporate authorization

Say Something

Any individual can file a complaint against a registrant

Must be in writing, signed, and notarized

Cannot be anonymous

Investigation

Registrants have an obligation to report substandard or unethical practice or practice without a license



State of Alaska – Deferred Jurisdictions

Anchorage Municipality (AFD)

Kodiak

City of Palmer

Sitka

Juneau

Soldotna

Fairbanks

University of Alaska Fairbanks

Kenai

Wasilla Lakes FSA (Central
Mat Su FD)

Ketchikan

Seward



THANKS!

Any questions?

You can find me at:

- Lise.Johnston@ieee.org

Board Investigator:

- Patrick.kase@alaska.gov

ENGINEERING LICENSURE

- Model Licensing Laws and Rules for Engineers and Surveyors established by National Council of Examiners of Engineering and Surveying (NCEES)
 - An organization of 69 Boards in 54 jurisdictions
 - Some states have separate engineering and surveying Boards
 - Illinois has three Boards (Structural, Engineers, Surveyors)
- Model Licensing Laws and Rules for Architects established by National Council of Architectural Registration Boards (NCARB)
 - 50 states and four US territories
- Model Licensing Laws for Landscape Architects established by the Council of Landscape Architectural Registration Boards (CLARB)
 - 48 states, two Canadian Provinces, and Puerto Rico

EDUCATION

- A few ABET accredited MS programs are now available
 - Requires an ABET accredited BS or making up any shortcomings in Bachelor's Degree
- There is a push by ASCE and others to make the minimum education be Master's or Equivalent (MOE)
 - This is in a state of stagnation
 - Many other disciplines do not see the need

EDUCATION

- Alaska requires passing a course in Arctic Engineering
- Several AELS approved options for this course:
 - UAA
 - CE A603 Arctic Engineering (Graduate Course)
 - ES A411 Northern Design (taught by registered practitioners with at least 25 years of experience)
 - CE A403 Arctic Engineering (Semester long Web based course limited to undergraduates)
 - ES AC030 Fundamentals of Arctic Engineering (Web based Short Course)
 - ES AC031 Introduction to Arctic Engineering (Short Course)
 - Other options at UAF and University of Washington

EXPERIENCE

- Option for four years responsible charge under mentorship of a PE
 - Requires quarterly face-to-face meetings with mentor
 - Can be via telecommunication but must be able to see each other and the documents being discussed.
 - Mentor must file reports on quarterly meetings on a standard form and a final report recommending registration
- Current regulations are either under PE or mentoring – no mixing

TABLE B OF EDUCATION AND WORK EXPERIENCE REQUIREMENTS FOR PROFESSIONAL ENGINEERING EXAMINATION

■ ABET accredited BS plus Masters or Doctorate, both in field registered	■ 5 yrs Education Credit & years Experience	3
■ ABET accredited BS not in field plus MS or PHD in field registered	■ 4 yrs Education Credit & years Experience	4
■ ABET accredited BS in field registered	■ 4 yrs Education Credit & years Experience	4

TABLE B OF EDUCATION AND WORK EXPERIENCE REQUIREMENTS FOR PROFESSIONAL ENGINEERING EXAMINATION

- | | | |
|--|---|---|
| ■ ABET accredited BS in Engineering Technology in field registered | ■ 3 yrs Education Credit & years Experience | 5 |
| ■ ABET accredited BS not in field registered | ■ 3 yrs Education Credit & years Experience | 5 |
| ■ MS degree acceptable to the Board in field registered or substantially similar field | ■ 2 yrs Education Credit & years Experience | 6 |

TABLE B OF EDUCATION AND WORK EXPERIENCE REQUIREMENTS FOR PROFESSIONAL ENGINEERING EXAMINATION

- | | | |
|--|---|---|
| ■ PHD degree acceptable to the Board in field registered or substantially similar field | ■ 3 yrs Education Credit & 5 years Experience | 5 |
| ■ MS or PHD in Engineering acceptable to the Board from a university with an ABET accredited program in the field registered | ■ 3 yrs Education Credit & 5 years Experience | 5 |
| ■ Non-ABET accredited BS in field to be registered | ■ 3 yrs Education Credit & 6 years Experience | 6 |

EXAMINATION

Professional Engineering Registrations and Tests in AK:

- ☐ Agricultural & Biological
- ☐ Chemical
- ☐ Civil
 - ☐ Construction
 - ☐ Geotechnical
 - ☐ Structural
 - ☐ Transportation
 - ☐ Water Resources and Environmental
- ☐ Control Systems
- ☐ Electrical and Computer
 - ☐ Computer Engineering
 - ☐ Electrical and Electronics
 - ☐ Power
- ☐ Environmental
- ☐ Fire Protection

- ☐ Industrial
- ☐ Mechanical
 - ☐ HVAC and Refrigeration
 - ☐ Mechanical Systems and Materials
 - ☐ Thermal and Fluids Systems
- ☐ Metallurgical and Materials
- ☐ Mining and Mineral Processing
- ☐ Naval Architecture and Marine
- ☐ Nuclear
- ☐ Petroleum

- ☐ Structural Engineering
 - ☐ Post PE
- ☐ NCEES has criteria for each test listed on web site (NCEES.org)

COMITY

- Comity is the granting of a registration in one state due to the existence of an equivalent registration in another state
- Only granted, if the registrant has met the requirements of the new state
 - So, in Alaska, applicant must pass an arctic engineering course and take jurisprudence exam
 - In California, must take the seismic and surveying exam
- Comity was why NCEES was set up almost 100 years ago – it is still an ongoing struggle
 - An NCEES Record can make this easier
 - Contains your education transcripts, experience verifications, and examination results
 - Only charged when you have it transmitted

AELS BOARD UPDATE

Prepared February 13, 2023

The Alaska AELS Licensing Board met via Zoom for its regular quarterly meeting on February 8-9, 2023. The Board's request to meet in person was not approved by the state. The Board reviewed 79 applications (55 for Comity; 24 for Exam) and 13 of these were for architectural registration.

The Board reviewed the recommendations of its Education Committee and moved out regulation changes to the Continuing Education program. The adopted language will now go to the Regulatory Specialist for review, and then come back to the Board as a final draft. The Board will further review and discuss if needed, then request that the proposed changes be released for public comment. The proposed changes offer clarifications to record keeping, expand the classification of acceptable courses (eg. include ethics and business practices), and provide for a reduced level of required Continuing Education for persons who have been registered for more than 30 years.

The Legislative Liaison Committee summarized their work to update the AELS statutes. They are actively working with Senator Bjorkman to provide sponsorship of the bill by the Senate Labor & Commerce Committee. This is a "clean up" bill to modernize language and remove aged requirements.

The Board's Outreach Committee launched its first electronic newsletter on February 13, 2023. This is being distributed through the AELS Listserve and is posted on the AELS website. The Outreach Committee is planning an event in Anchorage in conjunction with the next Board meeting, May 10-11, 2023. Travel by the Board has been restricted by the State License Division administration, so this is a tentative event, but we hope that it will be approved so we can have an opportunity to interact with registrants.

There was no update to the Board from the Interior Design Working Group. A meeting has not yet been scheduled this year, but the architects on the Working Group remain committed to talking and working with our Interiors colleagues to find common ground. We continue to request collaboration with them if they want to pursue a bill to regulate their profession.

The AELS Board re-elected the current slate of officers for the coming year, so I will be continuing to serve as Chair. Jeff Garness, PE (Anchorage) is Vice-Chair, and Ed Leonetti, LA (Anchorage) is Secretary-Treasurer.

Please reach out with questions and/or comments, and thanks for your interest in AELS Board issues and activities.

Catherine Fritz, AIA
Randall Rozier, AIA

Outreach Activity Report

Board: AELS

Date & Time of Event: March 2, 2023, 9 to 10 am

Person Reporting: Loren Leman, P.E.

Attendees: 25 students, 1 professor **Board Members:** 1

Type of Outreach: Presentation on AELS Board function and PE registration

Board member: Loren Leman

Description of Event: I responded to an invitation from Scott Hamel, P.E., PhD, professor and chair of the civil engineering department at UAA, by speaking to his senior civil engineering Capstone class on the topic "PE Registration & Public Service in Alaska." Dr. Hamel knows that I am on the AELS Board and also serve on the Community Advisory Board for the UAA College of Engineering.

To prepare I updated and reworked a PowerPoint presentation I used last year. Although I had agreed to speak in April, Dr. Hamel called me on short notice because another speaker could not make the presentation.

This was a local Anchorage event for me and did not generate a cost to the State of Alaska. I expect that four years from now the Board will be reviewing applications from many of these students, so I hope to see a return from this investment.

The PowerPoint presentation is in the OnBoard Resources folder.

Submitted by,

Loren Leman

Outreach Activity Report

Board: AELS

Date & Time of Event: 3/22/23 @ 12:00p

Person Reporting: Sterling Strait

of Attendees: 30

Employees: / **Board Members:**

Type of Outreach: General Information

Attendees: Structural Engineers of Alaska

Description of Event:

Attended a regular Structural Engineers Association of Alaska (SEAAK) and gave a general update on AELS board activities.

**Alaska AELS Board
Outreach Report by Loren Leman, P.E.**

Event: Dimond High School Engineering Academy Advisory Council Meeting & Capstone project judging

Date: May 1, 2023

Location: Dimond High School, Anchorage

Description of Event: One of two meetings this school year for reports and coordination among teachers, administrators, UAA staff, and industry advisory council members regarding Engineering Academies curriculum and enrollment, Project Lead the Way training and application, competitions, articulation agreement with UA, and industry needs for engineers, scientists and other STEM graduates.

Board member Loren Leman, P.E. has participated on this advisory council for more than 13 years. Engineering academies in Alaska support and enhance the recruiting of middle and high school students to UAA, UAF, and UAS, as well as to other universities and technical programs. Many of these post-secondary programs in turn feed the Alaska work force and produce graduates who later seek registration.

Volunteer Hours: Loren Leman invested 2 hours in the advisory council meeting and judging of the Capstone projects by seniors, plus travel.

Cost: This was local travel and there was no cost to the AELS Board.

Outreach Activity Report



Board	Alaska AELS Board
Person Reporting	Sterling Strait
Event	SEAAK Lunch Meeting
Organization	Structural Engineers Association of Alaska (SEAAK)
Date & Time	Noon on 5/17/23
# of Attendees	Approximately 30
Description	Provided an update on recent AELS Board activities includes SE Reg project and CEU Reg project.

AELS BOARD UPDATE

Prepared May 20, 2023

The Alaska AELS Licensing Board held its regular quarterly meeting on May 10-11, 2023 in Anchorage in the UAA Engineering Department conference room. The Board reviewed 110 applications (86 for Comity; 24 for Exam), with 8 of these for architectural registration by comity.

The Board approved a policy for the Executive Administrator to review comity applications for architects, engineers, and landscape architects that are straightforward and meet national standards. The final approval of applications for licensure will remain with the Board.

An outreach event with Alaska structural engineers was held over lunch on May 10th. Updated regulations were reviewed and there was robust discussion about proposed additional changes that will occur through regulation changes. The Outreach Committee has developed an outline for the coming fiscal year (beginning July 1) that includes outreach events at each regular meeting. Stay tuned for a possible event with AIA and APDC in November. The Board's travel to meet in person must be approved by the state prior to finalizing the outreach events.

The Board took action on issues related to the registration of interior designers. In a split vote, the majority of the Board voted in opposition of adding the field of interior design to the AELS Board. Discussion encouraged interior design to be regulated under a different framework if regulation is needed or desired. After taking this position, the Board then reviewed (CS) SB73 to make recommendations to the interior design bill that would improve it if the legislature placed interior design under the Board's statutory responsibilities. Specific recommendations were to not increase the size of the Board, to remove redundant language, and to improve the transition section of the bill. These comments were forwarded to the Senate Labor & Commerce Committee, but were not incorporated into the Committee Substitute (CS) of the bill before it was reported out.

Several regulation projects were reviewed and forwarded to the next step, which is preparing for public comment. The final review of the annual report was completed, and the Strategic Plan actions for the coming fiscal year were approved.

After the Board meeting, it was learned that SB 126, a bill to clean up outdated language and clarify several issues, was passed by the legislature and has been sent to the Governor for final review and signature. The Board is grateful to Senator Bjorkman and the Senate Labor & Commerce Committee for sponsoring this legislation, and thanks the Board's Legislative Liaison Committee Chair Loren Leman for the hard work to get the bill passed.

The next Board meeting will be August 28-29, 2023. The Board will request travel to meet in person in Anchorage, but this is not guaranteed. The meetings continue to be offered through Zoom, as well, and participation during the public comment period is encouraged.

Please reach out with questions and/or comments, and thanks for your interest in AELS Board issues and activities.

Catherine Fritz, AIA
Randall Rozier, AIA

ITEM 4: CE Audit Report

2020-2021 - CE AUDIT REPORT		
Total Randomly Selected for Audit:		309
	Lapsed/Retired:	42
	Total Active Audits:	267
Total Active Audits:		267
	Completed:	237
	Incomplete :	0
	Referred to Paralegal:	30
Referred to Paralegal:		30
	Outstanding Audits from 2019	2
	Cleared through Paralegal:	23
	License Action:	9
	Proposed License Actions:	0
	Requesting Reconsideration:	0
	Open:	0
Total Open Audits:		0

ITEM 5: Outgoing Correspondence

- A 5/10/2023 – Senate Labor and Commerce Committee RE: SB73 CS D
- B 6/1/2023 – Sean O’Neill RE: Special request for consideration for LS Education
- C 6/1/2023 – Robert Lumpkin RE: Ethics question on signing surveys
- D 6/28/2023 – Nolan Willis RE: Industrial Exemption Statute
- E 6/28/2023 – G. John Sorenson RE: Use of Seal as Art
- F 7/7/2023 – UAA Community Technical College RE: Approval of ESA411
- G 7/7/2023 – UAA College of Engineering RE: Approval of ES AC030 and CE A403/603
- H 7/7/2023 – UAF College of Engineering and Mines RE: Approval of CE401
- I 7/7/2023 – UW – Professional & Continuing Education RE: Approval of CRE Short Course
- J 7/7/2023 – UAA Community Technical College RE: On Demand Cold Regions Design Course
- K 7/7/2023 – UAA College of Engineering RE: On Demand Cold Regions Design Course
- L 7/7/2023 - UAF College of Engineering and Mines RE: On Demand Cold Regions Design Course
- M 7/7/2023 - UW – Professional & CE RE: On Demand Cold Regions Design Course
- N 7/26/2023 – Senate Finance Committee RE: SB73 CS D

From: [Catherine Fritz](#)
To: [Jackson, Konrad \(LEG\)](#); [Achee, Laura A \(LEG\)](#); [Bjorkman, Jesse J \(LEG\)](#); senate.labor.and.commerce@akleg.gov
Cc: [Robb, Sylvan S \(CED\)](#); [Claman, Matt \(LEG\)](#); [Neal, Sara J \(CED\)](#)
Subject: AELS Board Actions on SB73
Date: Wednesday, May 10, 2023 12:09:44 PM

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.

This morning the AELS Board acted on the following issues related to CS-D of SB73 and requested that these be forwarded immediately to the Senate Labor and Commerce Committee for today's hearing on the bill.

1. The Board does not recommend adding the profession of interior design to 08.48 (AELS Board).
2. If SB 73 is advanced in the legislature, the AELS Board offers the following recommendations to CS-D:
 - Remove all references in the bill to AELS Board make up (Section 1, 2, 3 and 38).
 - Remove item (15) of Section 27.
 - In Section 30, delete (B) and revise to meet the following: *"review of drawings and specifications of interior spaces made by regulatory agencies."*
 - In Section 37, revise to read as follows: *"Sec 37. TRANSITION: CURRENT INTERIOR DESIGNERS. Notwithstanding this Act, a person working as an interior designer before the effective date of this Act may continue to practice interior design in the state until 90 days after the effective date of regulations established in 12 AAC 36 or 2 years after the effective date of this Act, whichever comes first, at which time they must register if they wish to practice registered interior design as described in AS 08.48.341."*

Thank you,

Catherine Fritz, Chari
AELS Board
(907) 957-2068



THE STATE
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GOVERNOR MIKE 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

June 1, 2023

Robert Lumpkin
Farpoint Land Services LLC
1131 E 76th Avenue, Suite 101
Anchorage, AK 99518

RE: Ethics question on signing surveys

Dear Mr. Lumpkin:

The Alaska Board of Architects, Engineers, and Land Surveyors met on May 10th and 11th and reviewed your email dated March 8, 2023.

Per your question about reviewing and sealing a subconsultant's work, the work would need to be prepared and performed under the registered individual's direct supervision. Furthermore, the ultimate responsibility would fall under that registered individual sealing the work.

If you have additional questions, please forward them to our Executive Administrator, Sara Neal (907)465-2540 / aelsboard@alaska.gov).

Sincerely,

A handwritten signature in cursive script, reading "Catherine Fritz".

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





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June 1, 2023

SEAN RYAN O'NEILL
5040 TAMARACK COURT
JUNEAU, AK 99801

RE: Special request for education to be considered

Dear Mr. O'Neill:

Your request to have your two associate degrees be considered as equivalent to a bachelor's degree for your Land Surveyor by Examination application was reviewed by the Board during its May 10-11, 2023, meeting. Due to the regulation 12 AAC 36.065 (a)(2) Table an applicant must have a 4-year degree. If the 4-year degree is not an accredited land surveying degree, the applicant must meet the land surveying education standards in 12 AAC 36.065(h).

Because your education does not meet the requirements in 12 AAC 36.065, the AELS Board is unable to approve you to sit for the PS and the AKLS exam at this time. Your application can stay open until 12/13/2027. Once your 4-year degree is completed, please have your official transcripts submitted for Board review.

Sincerely,

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

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





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Juneau, Alaska 99801-0806
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June 28, 2023

Nolan Willis
nwillis@nhtiusa.com

Dear Mr. Willis:

I am writing in response to your concerns about engineering services that are performed by utility companies. The AELS Board discussed this at its May 10, 2023, meeting. Existing statute, Section 08.48.331, exempts a utility from engineering registration requirements when the practice of engineering is exclusive to the utility company itself and does not provide engineering services to the public. The provisions are established in statute, which means they can only be changed through the legislative process. There are several ways to introduce a bill in the legislature. One of the most common is for a legislator to sponsor a bill, so you might want to consider contacting one of your legislators to explain your interest in changing existing statute to address your concerns.

Thank you for contacting the Board.

Sincerely,

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

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





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Juneau, Alaska 99801-0806
Main: 907.465.1676
Toll free fax: 907.465.2974

June 28, 2023

G. John Sorenson

RE: Use of Seal as Art

Dear Mr. Sorenson:

This letter responds to your email dated March 15, 2023, where you requested an opinion from the AELS Board on the use of your registration seal as a graphic element in your novel. The Board's opinion is that the purpose of the seal is not intended for use other than establishing legal responsibility of a project's design. However, no explicit prohibition was found in review of applicable statute and regulation, as long as the seal is not signed or dated, since these attributes are required for legal use of the seal.

Thank you for your inquiry.

Sincerely,

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

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





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Juneau, Alaska 99811-0806
Main: 907.465.1676
Fax: 907.465.2974

July 7, 2023

College of Engineering
University of Alaska, Anchorage
3211 Providence Drive
Anchorage, AK 99508

Attn: Dr. Kenrick Mock

Re: On Demand Cold Regions Design Course

Dean Mock:

The board is interested in the possibility of your institution implementing an on-demand course that fulfills the requirement for a Cold Regions Design course in addition to the scheduled course that is already offered. We have approximately 330 comity applicants and 85 exam applicants each year that require this course for licensure in Alaska. Due to having to wait for the next scheduled cold regions design course, many applicants are delayed in getting their licenses. While the rigor would need to stay the same as the scheduled course, an on-demand course would allow applicants to complete the course in a time frame that allowed them to get a license in Alaska more quickly.

If you would like to explore this opportunity and have questions for the board regarding it, please email aelsboard@alaska.gov. The AELS Education Committee would be happy to answer any questions you may have.

Sincerely,

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

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



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Juneau, Alaska 99811-0806
Main: 907.465.1676
Fax: 907.465.2974

July 7, 2023

College of Engineering
University of Alaska, Anchorage
3211 Providence Drive
Anchorage, AK 99508

Attn: Dr. Kenrick Mock

Re: Cold Regions Design Courses

Dean Mock:

Thank you for the opportunity to review your university's cold regions design courses. The State of Alaska Board of Architects, Engineers, and Land Surveyors reviewed the provided information and determined that the following courses still provide the training necessary to practice a design discipline in an arctic environment.

- Fundamentals of Arctic Engineering – ES AC030
Web-based short course
- Arctic Engineering – CE A403/603

Sincerely,

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

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



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Juneau, Alaska 99811-0806
Main: 907.465.1676
Fax: 907.465.2974

July 7, 2023

UAA Community Technical College
3211 Providence Drive
Engineering & Industry Building, Suite 409
Anchorage, AK 99508

Attn: Ray Weber and Joel Condon

Re: On Demand Cold Regions Design Course

Dean Weber:

The board is interested in the possibility of your institution implementing an on-demand course that fulfills the requirement for a Cold Regions Design course in addition to the scheduled course that is already offered. We have approximately 330 comity applicants and 85 exam applicants each year that require this course for licensure in Alaska. Due to having to wait for the next scheduled cold regions design course, many applicants are delayed in getting their licenses. While the rigor would need to stay the same as the scheduled course, an on-demand course would allow applicants to complete the course in a time frame that allowed them to get a license in Alaska more quickly.

If you would like to explore this opportunity and have questions for the board regarding it, please email aelsboard@alaska.gov. The AELS Education Committee would be happy to answer any questions you may have.

Sincerely,

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

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



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July 7, 2023

UAA Community Technical College
3211 Providence Drive
Engineering & Industry Building, Suite 409
Anchorage, AK 99508

Attn: Ray Weber and Joel Condon

Re: Cold Regions Design Course

Dean Weber:

Thank you for the opportunity to review your university's cold regions design course entitled Northern Design Course. The State of Alaska Board of Architects, Engineers, and Land Surveyors reviewed the provided information and determined that the following course still provides the training necessary to practice a design discipline in an arctic environment.

- Northern Design Course – ES A411
Semester course

Sincerely,

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

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



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July 7, 2023

College of Engineering and Mines
University of Alaska, Fairbanks
PO Box 755960
Fairbanks, AK 99775-5960

Attn: William Schnabel

Re: On Demand Cold Regions Design Courses

Dean Schnabel:

The board is interested in the possibility of your institution implementing an on-demand course that fulfills the requirement for a Cold Regions Design course in addition to the scheduled course that is already offered. We have approximately 330 comity applicants and 85 exam applicants each year that require this course for licensure in Alaska. Due to having to wait for the next scheduled cold regions design course, many applicants are delayed in getting their licenses. While the rigor would need to stay the same as the scheduled course, an on-demand course would allow applicants to complete the course in a time frame that allowed them to get a license in Alaska more quickly.

If you would like to explore this opportunity and have questions for the board regarding it, please email aelsboard@alaska.gov. The AELS Education Committee would be happy to answer any questions you may have.

Sincerely,

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

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



THE STATE
of **ALASKA**
GOVERNOR MIKE DUNLEAVY

Department of Commerce, Community,
and Economic Development

BOARD OF REGISTRATION FOR ARCHITECTS,
ENGINEERS, AND LAND SURVEYORS

P.O. Box 110806
Juneau, Alaska 99811-0806
Main: 907.465.1676
Fax: 907.465.2974

July 7, 2023

College of Engineering and Mines
University of Alaska, Fairbanks
PO Box 755960
Fairbanks, AK 99775-5960

Attn: William Schnabel

Re: Cold Regions Design Courses

Dean Schnabel:

Thank you for the opportunity to review your university's cold regions design course entitled Arctic Engineering. The State of Alaska Board of Architects, Engineers, and Land Surveyors reviewed the provided information and determined that the following course still provides the training necessary to practice a design discipline in an arctic environment.

1. Arctic Engineering CE401

Sincerely,

A handwritten signature in black ink, reading "Catherine Fritz".

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



THE STATE
of **ALASKA**
GOVERNOR MIKE DUNLEAVY

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ENGINEERS, AND LAND SURVEYORS

P.O. Box 110806
Juneau, Alaska 99811-0806
Main: 907.465.1676
Fax: 907.465.2974

July 7, 2023

Professional & Continuing Education
University of Washington
Box 359485
Seattle, WA 98195-9490

Attn: Rovy Branon, Vice Provost

Re: On Demand Cold Regions Design Course

Dean Branon:

The board is interested in the possibility of your institution implementing an on-demand course that fulfills the requirement for a Cold Regions Design course in addition to the scheduled course that is already offered. We have approximately 330 comity applicants and 85 exam applicants each year that require this course for licensure in Alaska. Due to having to wait for the next scheduled cold regions design course, many applicants are delayed in getting their licenses. While the rigor would need to stay the same as the scheduled course, an on-demand course would allow applicants to complete the course in a time frame that allowed them to get a license in Alaska more quickly.

If you would like to explore this opportunity and have questions for the board regarding it, please email aelsboard@alaska.gov. The AELS Education Committee would be happy to answer any questions you may have.

Sincerely,

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

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



THE STATE
of **ALASKA**
GOVERNOR MIKE DUNLEAVY

Department of Commerce, Community,
and Economic Development

BOARD OF REGISTRATION FOR ARCHITECTS,
ENGINEERS, AND LAND SURVEYORS

P.O. Box 110806
Juneau, Alaska 99811-0806
Main: 907.465.1676
Fax: 907.465.2974

July 7, 2023

Professional & Continuing Education
University of Washington
Box 359485
Seattle, WA 98195-9490

Attn: Rovy Branon, Vice Provost

Re: Cold Regions Design Course

Dean Branon:

Thank you for the opportunity to review your university's cold regions design course entitled Cold Regions Engineering Short Course. The State of Alaska Board of Architects, Engineers, and Land Surveyors reviewed the provided information and determined that the following course still provides the training necessary to practice a design discipline in an arctic environment.

1. Cold Regions Engineering Short Course

Sincerely,

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

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



THE STATE
of ALASKA
GOVERNOR MIKE 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

July 26, 2023

Senate Finance Committee

Senate.finance.committee@akleg.gov

RE: SB73 - An Act to Register Interior Designers

Dear Co-Chair Senators Stedman, Hoffman, and Olson:

I hope you are recharging yourselves during the legislative interim. At the close of the session in May, SB 73, an Act to Register Interior Designers, was reported out of the Senate Labor & Commerce Committee and moved on to the Senate Finance Committee. The Alaska Board of Registration of Architects, Engineers, and Land Surveyors (AELS) has been actively reviewing this bill and took action at its May 10, 2023, meeting that I would like to make you aware of.

The AELS Board acted on the following issues related to CS-D of SB73 and requested that these be forwarded immediately to the Senate Labor and Commerce Committee to be considered at a hearing on the bill that occurred the same day. The bill was reported out without public testimony, so I am forwarding these actions to the Senate Finance Committee for consideration.

1. The Board does not recommend adding the profession of interior design to 08.48 (AELS Board).
2. If SB 73 is advanced by the legislature, the AELS Board offers the following recommendations to CS-D:
 - Remove all references in the bill to AELS Board make up (Sections 1, 2, 3 and 38).
 - Remove item (15) of Section 27.
 - In Section 30, delete (B) and revise to meet the following: *"review of drawings and specifications of interior spaces made by regulatory agencies."*
 - In Section 37, revise to read as follows: *"Sec 37. TRANSITION: CURRENT INTERIOR DESIGNERS. Notwithstanding this Act, a person working as an interior designer before the effective date of this Act may continue to practice interior design in the state until 90 days after the effective date of regulations established in 12 AAC 36 or 2 years after the effective date of this Act, whichever comes first, at which time they must register if they wish to practice registered interior design as described in AS 08.48.341."*

The AELS Board has discussed the topic of interior design regulation at length for more than 3 years and held 2 special meetings on SB 73 during the 2023 legislative session. We have also raised concerns through written and verbal testimony during hearings on both SB73 and its predecessor bill from the 32nd Alaska Legislature, HB 61. While opinions of individual AELS Board members vary, the majority do not support adding the new profession of interior design to AS 08.48, the statute that authorizes the AELS Board. Discussion encouraged interior design to be regulated under a different framework if regulation is needed or desired.

We appreciate being allowed to engage in discussion about this legislation that, if approved, will add to the Board's responsibilities. Please contact me if you would like more detailed information, and I hope you are having a great Alaskan Summer!

Sincerely,

A handwritten signature in black ink that reads "Catherine Fritz". The signature is written in a cursive, flowing style.

Catherine Fritz, Architect

Chair – Board of Registration for Architects, Engineers, and Land Surveyors.

C: Senator Matt Claman

Senator.Matt.Claman@akleg.gov

From: [Board of AELS \(CED sponsored\)](#)
To: [Neal, Sara J \(CED\)](#)
Subject: Board of Registration for Architects, Engineers, and Land Surveyors - Open Mining seat on 3/1/2024
Date: Tuesday, August 1, 2023 9:20:29 AM
Attachments: [image001.png](#)

Hello,

The Mining Engineer seat on the Board of Registration for Architects, Engineers, and Land Surveyors (AELS) will be open on March 1, 2024. All recipients of this email are potentially eligible to apply for this seat per the following eligibility requirements (Sec 08.48.031):

- registered Mining and Mineral Processing Engineer,
- licensed in Alaska for minimum of five years,
- resident in Alaska for the last three years.

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

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.

The AELS Board meets quarterly – usually in February, May, August, and November for two-day board meetings. If the meetings are in-person, they are usually held in Anchorage on the UAA campus.

AELS Board Member Expectations:

- Attend all board meetings
- Review board packet before each meeting
- Quarterly review of incoming applications for both exam and licensure
- Participate in one of AELS's committees
- Participate in reviewing complaints when contacted by the investigator
- Stay abreast of the issues affecting the design professions by reviewing the information from the professions' national organizations
- Know and be able to apply the [AELS Statutes and Regulations](#)

If you are curious as to what AELS Board service is all about, please consider doing one or all of these options:

1. [Read last year's newsletter \(Last page has an article about board service\)](#)
2. [Read past board minutes](#)
3. [Attend, either in person or virtually, the August 28th board meeting](#)
4. Email aelsboard@alaska.gov with your questions

If you are interested in applying for the mining seat on the AELS Board, please complete and submit the [Boards and Commissions application](#). If you have any additional questions, please let me know.

Kind Regards,

Sara Neal

Executive Administrator

Board of Registration for Architects, Engineers and Land Surveyors

aelsboard@alaska.gov

(907)465-2540



ITEM 6: Incoming Correspondence

- A 5/23/2023 – Steven Arndt – ANS RE: PE Nuclear Engineering Exam
- B 5/24/2023 – David Cox – NCEES RE: PE Nuclear Engineering Exam
- C 6/27/2023 – Governor Dunleavy RE: Signing of SB126

May 23, 2023

Dear Sara:

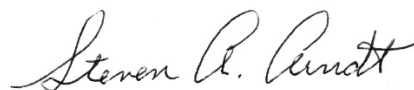
I am writing to you today to strongly advocate for continuing to offer professional engineering licensure in the nuclear discipline. Unfortunately, over half of the nuclear workforce that practices engineering, falls under either the industrial or federal government exemption. As a result, the nuclear professional engineering exam is one of the smallest exams by volume administered by the National Council of Examiners for Engineering and Surveying (NCEES).

Our industry plays a crucial role in modern society, contributing to research and development of nuclear technology that maintains our nuclear power plants, manages the disposal of radioactive wastes, and advances nuclear medicine. Additionally, electric power generation, transmission, and distribution is the second most regulated sector in the United States. Professional engineering licensure is essential for our industry to maintain the highest standards of safety, reliability, and expertise.

The American Nuclear Society is a professional organization with over 10,000 members worldwide dedicated to advancing nuclear science and technology. A qualified and licensed workforce is essential to ensuring the safe and reliable operation of our current nuclear facilities, as well as the construction, operation, and maintenance of future new reactor technology. Therefore, we continue to promote the importance of professional licensure across our industry.

Even though we are one of the smallest professional engineering exams by volume, we feel strongly that NCEES and the Member Boards should continue to offer a licensure path for engineers in the nuclear discipline. Professional engineering licensure is essential for the nuclear industry to maintain the highest standards of safety, reliability, and expertise. Thank you for your time and consideration in this important matter.

Sincerely,

A handwritten signature in black ink that reads "Steven A. Arndt". The signature is written in a cursive, flowing style.

Steven Arndt, Ph.D., P.E.
ANS President

From: [David Cox \(Basecamp\)](#)
To: [Neal, Sara J \(CED\)](#)
Subject: (MBA Link) Nuclear Exam
Date: Wednesday, May 24, 2023 11:26:43 AM

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.

Some of you may have received a letter from Steven Ardt, President of the American Nuclear Society inferring that NCEES will stop offering the Nuclear PE Exam. That is simply false. This material will be in the Action Items and Conference Report issued at the end of June, but since this letter is out there, I felt the need to provide the information now.

The PE Nuclear engineering exam has been placed on probation for two exam administrations, 2023 and 2024. It was done per the Board of Directors at the recommendation of the Committee on Exam Policy and Procedure (EPP). The decision to do this was not due to the cost of the development of the exam versus the revenue it generates, but rather due to its candidate volume.

The PE Nuclear engineering exam is offered once a year, and it has failed to meet the minimum number of required first time takers “to provide an accurate psychometric analysis” for three consecutive administrations, 2020, 2021, and 2022. Per NCEES Policy (EDP 7.B), *if the population of first-time examinees from NCEES jurisdictions for any NCEES CBT examination or module is not adequate to provide for accurate psychometric analysis*, one of the actions that can be taken is for that exam to be placed on probation for an allotted period of time and a specific remedial action plan be put in place to increase the number of first-time takers to a level that meets or exceeds the minimum candidate requirements. An “accurate psychometric analysis” means, enough first-time takers are exposed to the exam items so that statistics that are tracked are not volatile or unstable when used to record various metrics.

During the period of probation, the PE Nuclear engineering exam development committee, in conjunction with its supporting technical society, will follow the actions in the remedial action plan in an attempt to increase the volume of takers. Some of actions include, but are not limited to: updating the NCEES PE Nuclear practice exam to reflect the 2021 PE Nuclear exam blueprint, updating/revising the ANS Study Guide to better align content with the 2021 NCEES PE Nuclear exam blueprint and the PE Nuclear exam supplied reference handbook, actively promote professional licensure for ANS members and nuclear professionals in general on an annual basis, and publishing promotional advertisements in various ANS communications and external industry media.

It is also worth noting, another issue involving the low volume of PE Nuclear exam candidates is that many of the nuclear engineering degree holders take the PE Mechanical exam in lieu of the PE Nuclear exam. Those candidates would provide a boost to the PE Nuclear exam candidate volume, if they took that

exam.

The PE Nuclear exam candidate volume will be monitored for first time takers and reported to EPP after the 2023 administration, and the exam development committee will provide updates on their progress toward their remedial action plan throughout the year.



You can reply to this email or [respond in Basecamp](#).

This message was sent to Amanda Ault, Amber Shawver, Amy Hall, Andrew Ritter, Antonio E. Medina, Avis Pearson, barbara syp-maziarz, Bob Whorton, Caleb Darnell, Casey Sherlock, Cassandra Fewell, Catherine Gutierrez, Cheryl Pezon, Christine Horne, Darcie Handt, Darren Mickler (Georgia PE/LS), David Cox, David Jackson, Davy McDowell, Dawne Broadfield, Donna Moss, Donna Moulder, Donna Sentell, Doreen Johnson, Eric Greppo, and 70 more people.

[Unsubscribe](#) • [Change your notification settings](#)

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State of Alaska
Office of the Governor

Governor Mike Dunleavy
requests the pleasure of your company at the bill signing for:

***SB 126 Architect and Engineer Registration
Board***

June 27, 2023

Atwood Building, 550 W 7th Avenue
Anchorage, AK 99501

Governor's remarks
10:00 a.m.

RSVP
anna.latham@alaska.gov

NOTICE OF PROPOSED CHANGES TO CONTINUING EDUCATION REQUIREMENTS IN THE REGULATIONS OF THE STATE BOARD OF REGISTRATION FOR ARCHITECTS, ENGINEERS, AND LAND SURVEYORS

Brief Description: The State Board of Registration for Architects, Engineers, and Land Surveyors proposes to update the continuing education requirements for professional architects, engineers, land surveyors, and landscape architects.

The State Board of Registration for Architects, Engineers, and Land Surveyors (Board) proposes to adopt regulation changes in Title 12, Chapter 36 of the Alaska Administrative Code including the following:

1. **12 AAC 36.510. Continuing education requirements**, is proposed to simplify and streamline the continuing education requirements for professional architects, engineers, land surveyors, and landscape architects.
2. **12 AAC 36.520. Computation of continuing education credit**, is proposed to amend and clarify the computation of continuing education credits.
3. **12 AAC 36.530. Exemptions**, is proposed to add an exemption for those registrants that have been practicing in another recognized jurisdiction for 30 or more years and allow them to only have to complete eight hours of continuing education per biennial licensing period.
4. **12 AAC 36.540. Record keeping and review of records**, is proposed to simplify and clarify the documentation that has to be submitted if a registrant is randomly selected for the continuing education audit.
5. **12 AAC 36.550. Definitions**, is proposed to clarify and update existing definitions and add definitions for new terms used in the continuing education regulations.

You may comment on the proposed regulation changes, including the potential costs to private persons of complying with the proposed changes, by submitting written comments to Stefanie Davis, Regulations Specialist, Division of Corporations, Business and Professional Licensing, P.O. Box 110806, Juneau, AK 99811-0806. Additionally, the Board will accept comments by facsimile at (907) 465-2974 and by electronic mail at RegulationsAndPublicComment@alaska.gov. Comments may also be submitted through the Alaska Online Public Notice System by accessing this notice on the system at <http://notice.alaska.gov/211453>, and using the comment link. **The comments must be received not later than 4:30 p.m. on July 19, 2023.** Comments received after this deadline will not be considered by the Board.

You may submit written questions relevant to the proposed action to Stefanie Davis, Regulations Specialist, Division of Corporations, Business and Professional Licensing, P.O. Box 110806, Juneau, AK 99811-0806 or by e-mail at RegulationsAndPublicComment@alaska.gov. **The questions must be received at least 10 days before the end of the public comment period.** The Board will aggregate its response to substantially similar questions and make the questions and responses available on the Alaska Online Public Notice System and on the Board's website at <https://www.commerce.alaska.gov/web/cbpl/ProfessionalLicensing/BoardofArchitectsEngineersandLandSurveyors.aspx>. The Board may, but is not required to, answer written questions received after the 10-day cut-off date and before the end of the comment period.

If you are a person with a disability who needs a special accommodation in order to participate in this process, please contact Stefanie Davis at (907) 465-2537 or RegulationsAndPublicComment@alaska.gov not later than July 12, 2023 to ensure that any necessary accommodation can be provided.

A copy of the proposed regulation changes is available on the Alaska Online Public Notice System and by contacting Stefanie Davis at (907) 465-2537 or RegulationsAndPublicComment@alaska.gov, or go to <https://www.commerce.alaska.gov/web/portals/5/pub/AELS-0423.pdf>.

After the public comment period ends, the Board will either adopt the proposed regulation changes or other provisions dealing with the same subject, without further notice, or decide to take no action. The language of the final regulation may be different from that of the proposed regulation. **You should comment during the time allowed if your interests could be affected.** Written comments and questions received are public records and are subject to public inspection.

Statutory Authority: AS 08.48.071; AS 08.48.101; AS 08.48.341

Statutes Being Implemented, Interpreted, or Made Specific: AS 08.48.071; AS 08.48.101; AS 08.48.341

Fiscal Information: The proposed regulation changes are not expected to require an increased appropriation.

DATE: 6/14/2023

Stefanie Davis, Regulations Specialist

Division of Corporations, Business and Professional Licensing

For each occupation regulated under the Division of Corporations, Business and Professional Licensing, the Division keeps a list of individuals or organizations who are interested in the regulations of that occupation. The Division automatically sends a Notice of Proposed Regulations to the parties on the appropriate list each time there is a proposed change in an occupation's regulations in Title 12 of the Alaska Administrative Code. If you would like your address added to or removed from such a list, send your request to the Division at the address above, giving your name, either your e-mail address or mailing address (as you prefer for receiving notices), and the occupational area in which you are interested.

**ADDITIONAL REGULATION NOTICE INFORMATION
(AS 44.62.190(d))**

1. **Adopting agency:** State Board of Registration for Architects, Engineers, and Land Surveyors – Department of Commerce, Community, and Economic Development, Division of Corporations, Business and Professional Licensing.
2. **General subject of regulation:** Continuing education requirements.
3. **Citation of regulation:** 12 AAC 36.510 through 12 AAC 36.550.
4. **Department of Law file number:** 2023200145.
5. **Reason for the proposed action:** Update and clarification of current regulations; compliance with state statute.
6. **Appropriation/Allocation:** Corporations, Business and Professional Licensing – #2360.
7. **Estimated annual cost to comply with the proposed action to:**
A private person: None known.
Another state agency: None known.
A municipality: None known.
8. **Cost of implementation to the state agency and available funding (in thousands of dollars):** No costs are expected in FY 2023 or in subsequent years.
9. **The name of the contact person for the regulation:**
Sara Neal, Executive Administrator
State Board of Registration for Architects, Engineers, and Land Surveyors
Division of Corporations, Business and Professional Licensing
Department of Commerce, Community, and Economic Development
Telephone: (907) 465-2540
E-mail: sara.neal@alaska.gov
10. **The origin of the proposed action:** State Board of Registration for Architects, Engineers, and Land Surveyors.
11. **Date:** 6/14/2023
Prepared by: Stefanie Davis
Regulations Specialist

[Leave a Comment](#)

[Attachments, History, Details](#)

[Attachments](#)

[Details](#)

[AELS-0423.pdf](#)[Proposed Regulations FAQ v2.pdf](#)**Revision History**

Created 6/13/2023 10:53:16 AM by sldavis

Modified 6/13/2023 11:06:44 AM by sldavis

Modified 6/13/2023 11:08:57 AM by sldavis

Modified 6/13/2023 11:15:53 AM by sldavis

Modified 6/21/2023 7:49:27 AM by sldavis

Department:	Commerce, Community and Economic Development
Category:	Regulations
Sub-Category:	Notice of Proposed Regulations
Location(s):	Statewide
Project/Regulation #:	2023200145
Publish Date:	6/14/2023
Archive Date:	7/20/2023
Events/Deadlines:	Public Comment Deadline 7/19/2023 4:30pm



Notice of Proposed Changes to Continuing Education Requirements in The Regulations of the State Board of Registration for Architects, Engineers, and Land Surveyors

Proposed Regulations - FAQ

June 2023

1. What is the purpose of the proposed regulations? What will this regulation do?

12 AAC 36.510. Continuing education requirements

- To simplify the continuing education (CE) regulations and allows for more flexibility with regards to what activities will be allowed to count for CEs.
- Allows for more activities to count as a professional development hour for registrants.
- Allows more options for allowable CE activities.

12 AAC 36.520. Computation of continuing education credit

- To clarify the computation of continuing education credits.
- Adds in the computation of credits for the new allowable activities.
- Allows for more activities to count as a professional development hour for registrants.
- Allows more options for allowable CE activities and clarifies the computation of those activities.

12 AAC 36.530. Exemptions

- To add an exemption for those registrants that have practiced in an NCARB, CLARB or NCEES recognized jurisdiction for 30 or more years.
- Recognize those that have been practicing for 30 or more years and allow them to only have to complete eight hours of continuing education per biennial licensing period.

12 AAC 36.540. Record keeping and review of records

- To simplify and clarify the documentation that has to be submitted if a registrant is randomly selected for the CE audit.
- Identifies what records or proof of compliance the registrants need to have of their CE hours to submit.

12 AAC 36.550. Definitions

- Clarify and update existing definitions and add definitions for new terms used in continuing education regulations.

2. What are the costs to comply with the proposed regulations?

There are no known costs to implement these changes.

3. When will the regulations be effective?

After the public comment deadline, comments received are compiled and given to the Board for consideration. The Board may adopt the regulation as written/publicly noticed, may amend and adopt them, choose to take no action, or may withdraw the proposed regulations in part or in its whole. After Board action, the adopted regulations goes to Department of Law (DOL) for final review/approval. DOL either approves or disapproves regulations. Once approved by DOL, it goes to the Lt. Governor for filing. Regulation takes effect on the 30th day after they have been filed by the Lt. Governor.

Do you have a question that is not answered here? Please email RegulationsAndPublicComment@alaska.gov so it can be added.

**Chapter 36. State Board of Registration for Architects,
Engineers, and Land Surveyors.**

(Words in **boldface and underlined** indicate language being added; words [CAPITALIZED AND BRACKETED] indicate language being deleted.)

12 AAC 36.510 is amended to read:

12 AAC 36.510. Continuing education requirements. (a) Unless exempted under 12 AAC 36.530, a **registrant** [PROFESSIONAL ARCHITECT, ENGINEER, LAND SURVEYOR, OR LANDSCAPE ARCHITECT] must meet the continuing education requirements of 12 AAC 36.510 - 12 AAC 36.550 as a condition of the renewal, reinstatement, or reactivation of **the registrant's** [THE PROFESSIONAL ARCHITECT, ENGINEER, LAND SURVEYOR, OR LANDSCAPE ARCHITECT] registration.

(b) Unless exempted under 12 AAC 36.530, a **registrant** [PROFESSIONAL ARCHITECT, ENGINEER, LAND SURVEYOR, OR LANDSCAPE ARCHITECT] seeking renewal, reinstatement, or reactivation of **the registrant's** [A PROFESSIONAL ARCHITECT, ENGINEER, LAND SURVEYOR, OR LANDSCAPE ARCHITECT] registration shall submit, on a form provided by the department, a certification that the **registrant** [PROFESSIONAL ARCHITECT, ENGINEER, LAND SURVEYOR, OR LANDSCAPE ARCHITECT] has met the continuing education requirements of 12 AAC 36.510 - 12 AAC 36.550.

(c) To renew a professional architect, engineer, land surveyor, or landscape architect registration, a **registrant** [PROFESSIONAL ARCHITECT, ENGINEER, LAND SURVEYOR, OR LANDSCAPE ARCHITECT] must obtain a minimum of 24 professional development hours during the 24 months immediately preceding that registration period.

(d) To reinstate a lapsed professional architect, engineer, land surveyor, or landscape architect registration, a **registrant** [PROFESSIONAL ARCHITECT, ENGINEER, LAND SURVEYOR, OR LANDSCAPE ARCHITECT] seeking reinstatement must obtain a minimum

of 24 professional development hours during the 24 months immediately preceding the application for reinstatement of **the registrant's** [THE PROFESSIONAL ARCHITECT, ENGINEER, LAND SURVEYOR, OR LANDSCAPE ARCHITECT] registration **unless the registrant meets the requirements of 12 AAC 36.530(e) and obtains eight professional development hours during the 24 months immediately preceding the application for reinstatement of the registrant's registration, except as provided in AS 08.01.100(d).**

(e) **Repealed** ____ / ____ / ____ [A PROFESSIONAL ARCHITECT, ENGINEER, LAND SURVEYOR, OR LANDSCAPE ARCHITECT WHO OBTAINS MORE PROFESSIONAL DEVELOPMENT HOURS DURING A BIENNIAL REGISTRATION PERIOD THAN NEEDED TO QUALIFY FOR RENEWAL OR REINSTATEMENT OF THE PROFESSIONAL ARCHITECT, ENGINEER, LAND SURVEYOR, OR LANDSCAPE ARCHITECT REGISTRATION MAY APPLY UP TO 12 OF THE EXCESS PROFESSIONAL DEVELOPMENT HOURS TO THE CONTINUING EDUCATION REQUIREMENT FOR THE SUBSEQUENT BIENNIAL PERIOD FOR PROFESSIONAL ARCHITECT, ENGINEER, LAND SURVEYOR, OR LANDSCAPE ARCHITECT REGISTRATION].

(f) A professional architect, engineer, land surveyor, or landscape architect holding multiple registrations in the state is required to earn at least the minimum number of professional development hours of continuing education as those required for a single registration holder. [HOWEVER, AT LEAST EIGHT HOURS OF THE PROFESSIONAL DEVELOPMENT HOURS MUST BE IN EACH REGISTRATION HELD.]

(g) Continuing education courses or activities are not pre-approved by the board, but must **be in technical and professional subjects related to the scope of practice of the registrant** [MEET THE FOLLOWING CRITERIA:

(1) THE SUBJECT MATTER MUST ADDRESS THE PUBLIC'S HEALTH,

SAFETY, AND WELFARE BY INSTRUCTING IN THE PROPER PLANNING AND DESIGN IN THE AREA OF THE REGISTRANT'S REGISTRATION OR DISCIPLINE, FOR THE CONSTRUCTION OF BUILDINGS, STRUCTURES, INFRASTRUCTURE, OR THE SPACES WITHIN AND SURROUNDING SUCH FACILITIES, PRESERVATION AND ENHANCEMENT OF LAND USE AND NATURAL LAND FEATURES, MEASURING AND LOCATING LAND FOR PROPERTY BOUNDARIES, PLATTING, PLANNING AND DESIGN OF SUBDIVISIONS, OR THE PREPARATION AND PERPETUATION OF MAPS OR RECORD PLATS SO THAT GENERALLY

(A) RISK OF INJURY TO PERSONS OR PROPERTY IS MINIMIZED;

(B) THE RESULTS ARE DURABLE AND ENVIRONMENTALLY FRIENDLY;

(C) THE RESULTS FUNCTION PROPERLY IN ALL RELEVANT RESPECTS; OR

(D) THE RESULTS ENHANCE THE GENERAL WELFARE OF THE PUBLIC;

(2) THE COURSE OR ACTIVITY MUST BE RELEVANT TO THE PRACTICE OF PROFESSIONAL ARCHITECTURE, ENGINEERING, LAND SURVEYING, OR LANDSCAPE ARCHITECTURE, AND MAY INCLUDE TECHNICAL, ETHICAL, OR MANAGERIAL CONTENT;

(3) THE COURSE OR ACTIVITY MUST BE DESIGNED TO MAINTAIN, IMPROVE, OR EXPAND PROFESSIONAL ARCHITECT, ENGINEER, LAND SURVEYOR, OR LANDSCAPE ARCHITECT SKILLS AND KNOWLEDGE;

(4) EACH COURSE OR ACTIVITY MUST BE WELL ORGANIZED AND THE CONTENT PRESENTED IN A SEQUENTIAL MANNER; AND

(5) THE PRESENTATION MUST BE MADE BY PERSONS WHO ARE WELL QUALIFIED IN THE SUBJECT BY EDUCATION OR EXPERIENCE IN THE SUBJECT].

(h) **Repealed** ____ / ____ / ____ [THE SPONSORING ORGANIZATIONS THAT PROVIDE CONTINUING EDUCATION MAY BE AN EDUCATIONAL INSTITUTION, A PROFESSIONAL ASSOCIATION, OR A BUSINESS OR GOVERNMENTAL ORGANIZATION. SPONSORING ORGANIZATION’S CONTINUING EDUCATION THAT SATISFIES THE REQUIREMENTS OF THIS SECTION INCLUDES THE PROFESSIONAL ARCHITECT’S, ENGINEER’S, LAND SURVEYOR’S OR LANDSCAPE ARCHITECT’S

(1) SUCCESSFUL COMPLETION OF COLLEGE COURSES;

(2) SUCCESSFUL COMPLETION OF CONTINUING EDUCATION COURSES;

(3) SUCCESSFUL COMPLETION OF SHORT COURSES, TUTORIALS, CORRESPONDENCE, WEB-BASED COURSES, AND TELEVISED OR VIDEOTAPED COURSES;

(4) ATTENDING SEMINARS, IN-HOUSE WORKSHOPS, OR PROFESSIONAL OR TECHNICAL PRESENTATIONS AT MEETINGS, CONVENTIONS, OR CONFERENCES;

(5) AUTHORIZING PUBLISHED PAPERS, ARTICLES, OR BOOKS;

(6) SERVING AS AN OFFICER OR ACTIVELY PARTICIPATING IN A COMMITTEE OF PROFESSIONAL OR TECHNICAL SOCIETIES; AND

(7) TEACHING OR INSTRUCTING THE ACTIVITIES LISTED IN (1) – (4) OF THIS SUBSECTION].

(i) A **registrant** [PROFESSIONAL ARCHITECT, ENGINEER, LAND SURVEYOR, OR LANDSCAPE ARCHITECT] who also holds a registration as a professional architect,

engineer, land surveyor, or landscape architect in another licensing jurisdiction may meet the requirements of 12 AAC 36.510 - 12 AAC 36.550 by establishing that the **registrant** [PROFESSIONAL ARCHITECT, ENGINEER, LAND SURVEYOR, OR LANDSCAPE ARCHITECT] has met the mandatory continuing education requirements for renewal of the professional architect, engineer, land surveyor, or landscape architect registration in the other licensing jurisdiction, if the mandatory continuing education requirements of the other jurisdiction are substantially similar to or exceed those of 12 AAC 36.510 - 12 AAC 36.550 at the time that continuing education credit is claimed.

(j) To reactivate a retired professional architect, engineer, land surveyor, or landscape architect registration, a professional architect, engineer, land surveyor, or landscape architect seeking reactivation must obtain 24 professional development hours during the 24 months immediately preceding the application for reactivation of the professional architect, engineer, land surveyor, or landscape architect registration **unless the registrant meets the requirements of 12 AAC 36.530(e) and obtains eight professional development hours during the 24 months immediately preceding the application for reinstatement of the registrant's registration, except as provided in AS 08.01.100(d).**

(k) If an applicant for renewal of an architect, engineer, land surveyor, or landscape architect registration fails to meet the continuing education requirements of (c) of this section on or before **December 31** [DECEMBER 31ST] of the current biennium, the applicant may request an extension to complete the required professional development hours. This extension does not function as a license extension and the registrant cannot practice during this period. The applicant must

(1) submit a completed application for biennial registration renewal on a form provided by the department;

(2) pay the biennial registration renewal and continuing education extension fees established in 12 AAC 02.110;

(3) complete the required professional development hours before the first January 31st of the new biennium; and

(4) submit a continuing education audit form with documentation, acceptable to the board, showing completion of the required continuing education. (Eff. 10/18/2007, Register 184; am 7/12/2008, Register 187; am 7/13/2011, Register 199; am 9/11/2015, Register 215; am 10/31/2019, Register 232; am ____ / ____ / _____, Register _____)

Authority: AS 08.48.071 AS 08.48.101 AS 08.48.341

12 AAC 36.520 is amended to read:

12 AAC 36.520. Computation of continuing education credit. (a) The board has final authority with respect to the acceptance of courses, activities, credits, professional development hour values, and other methods of earning continuing education credits. Continuing education credit is computed as follows:

(1) credit for college approved courses is based upon course credit established by the college **and contingent upon receipt of a passing grade; for college approved courses,**

(A) one unit of college semester credit equals 45 professional development hours;

(B) one unit of college quarter credit equals 30 professional development hours;

(2) credit for qualifying **courses or activities including** seminars, in-house workshops, and **other** professional [OR TECHNICAL] presentations is based on one professional development hour for each hour of attendance [AT THE SEMINAR, IN-HOUSE

WORKSHOP, OR PROFESSIONAL OR TECHNICAL PRESENTATION];

(3) **each hour of teaching equals two hours of credit for teaching under (1) and (2) of this subsection, full-time faculty may not claim teaching credit associated with the registrant's regular duties** [ATTENDANCE AT QUALIFYING PROGRAMS PRESENTED AT PROFESSIONAL AND TECHNICAL SOCIETY MEETINGS, CONVENTIONS, OR CONFERENCES EARNS ONE PROFESSIONAL DEVELOPMENT HOUR FOR EACH HOUR OF ATTENDANCE AT THE PROGRAM];

(4) credit for published papers, articles, or books is

(A) based on one professional development hour for each hour of professional preparation of the paper, article, or book; **and**

(B) **based on one professional development hour for each hour of technical or peer review of the paper, article, or book** [DETERMINED BY THE PROFESSIONAL ARCHITECT, ENGINEER, LAND SURVEYOR, OR LANDSCAPE ARCHITECT; AND

(C) SUBJECT TO REVIEW AND APPROVAL BY THE BOARD UNDER THE STANDARDS SET OUT IN 12 AAC 36.510 – 12 AAC 36.550];

(5) **up to eight hours annually may be credited** [CREDIT] for **participation** [PARTICIPATING] in **each** professional and technical **organization; credit** [SOCIETIES] may be claimed for a year of service as an officer or in active participation in a committee of the **organization** [SOCIETY], based on one professional development hour for every two hours of service or participation **in each organization;** [PROFESSIONAL DEVELOPMENT HOUR CREDITS UNDER THIS PARAGRAPH ARE EARNED AT THE END OF EACH FULL YEAR OF SERVICE OR PARTICIPATION.]

(6) up to 10 professional development hours may be credited for each patent

awarded;

(7) up to eight professional development hours may be credited annually for successfully completing a course or activity that has content areas focusing on ethics or business-related activity, improving a registrant's business practice or operations, or advancing professionally related skills and practices as applicable to the practice of the registrant;

(8) up to one professional development hour may be credited for each hour of outreach activity the registrant completes;

(9) up to four hours annually may be credited for structured self-study in the subject for which the registrant holds a registration;

(10) not more than 12 professional development hours may be claimed on a single calendar day;

(11) fractions of hours are rounded down to the nearest half hour.

(b) **Repealed** ____/____/____ [THE COMPUTATION OF CREDITS OF PROFESSIONAL DEVELOPMENT HOURS IS AS FOLLOWS:

(1) ONE UNIT OF COLLEGE SEMESTER CREDIT EQUALS 45
PROFESSIONAL DEVELOPMENT HOURS;

(2) ONE UNIT OF COLLEGE QUARTER CREDIT EQUALS 30
PROFESSIONAL DEVELOPMENT HOURS;

(3) ONE CONTINUING EDUCATION UNIT OF PROFESSIONAL
ARCHITECT, ENGINEER, LAND SURVEYOR, OR LANDSCAPE ARCHITECT
CONTINUING EDUCATION EQUALS 10 PROFESSIONAL DEVELOPMENT HOURS;

(4) ONE HOUR OF A SEMINAR, IN-HOUSE WORKSHOP, OR
PROFESSIONAL OR TECHNICAL PRESENTATION ATTENDED AT MEETINGS,

CONVENTIONS, OR CONFERENCES EQUALS ONE PROFESSIONAL DEVELOPMENT HOUR;

(5) ONE HOUR OF INITIAL INSTRUCTION OF THE SUBJECT MATTER WHEN TEACHING PROFESSIONAL DEVELOPMENT COURSES, SEMINARS, OR PROFESSIONAL OR TECHNICAL PRESENTATIONS EQUALS TWO PROFESSIONAL DEVELOPMENT HOURS; THIS PROVISION DOES NOT APPLY TO FULL-TIME FACULTY;

(6) UP TO 10 PROFESSIONAL DEVELOPMENT HOURS PER BIENNIAL REGISTRATION PERIOD MAY BE CLAIMED FOR A PUBLISHED PAPER, ARTICLE, OR BOOK, BASED ON THE AMOUNT OF TIME AND EFFORT REQUIRED TO PRODUCE THE PAPER, ARTICLE, OR BOOK;

(7) FOR SERVING AS AN OFFICER OR ACTIVELY PARTICIPATING IN A COMMITTEE OF PROFESSIONAL AND TECHNICAL SOCIETIES, UP TO EIGHT PROFESSIONAL DEVELOPMENT HOURS PER YEAR MAY BE CLAIMED FOR EACH PROFESSIONAL OR TECHNICAL SOCIETY.] (Eff. 10/18/2007, Register 184; am 7/12/2008, Register 187; am 7/13/2011, Register 199; am ____/____/_____, Register _____)

Authority: AS 08.48.071 AS 08.48.101

12 AAC 36.530 is amended to read:

12 AAC 36.530. Exemptions. (a) A professional architect, engineer, land surveyor, or landscape architect is exempt from the continuing education requirements of 12 AAC 36.510 - 12 AAC 36.550 for the first biennial registration renewal period following initial issuance of the professional architect, engineer, land surveyor, or landscape architect registration.

(b) A **registrant** [PROFESSIONAL ARCHITECT, ENGINEER, LAND SURVEYOR,

OR LANDSCAPE ARCHITECT] is exempt from the continuing education requirements of 12 AAC 36.510 - 12 AAC 36.550 for renewal of the professional architect, engineer, land surveyor, or landscape architect registration for the biennial registration period immediately following a period of service by the **registrant** [PROFESSIONAL ARCHITECT, ENGINEER, LAND SURVEYOR, OR LANDSCAPE ARCHITECT] on active duty in the armed forces of the United States exceeding 120 consecutive days within a 12-month period.

(c) A **registrant** [PROFESSIONAL ARCHITECT, ENGINEER, LAND SURVEYOR, OR LANDSCAPE ARCHITECT] who is in retired status under 12 AAC 36.115 is exempt from the continuing education requirements of 12 AAC 36.510 - 12 AAC 36.550 during the time the **registrant** [PROFESSIONAL ARCHITECT, ENGINEER, LAND SURVEYOR, OR LANDSCAPE ARCHITECT] is retired. **except that a** [. A] retired **registrant** [PROFESSIONAL ARCHITECT, ENGINEER, LAND SURVEYOR, OR LANDSCAPE ARCHITECT] who wishes to return to active practice as a professional architect, engineer, land surveyor, or landscape architect must meet the requirements of 12 AAC 36.115, including continuing education requirements applicable under 12 AAC 36.510(j).

(d) A **registrant** [PROFESSIONAL ARCHITECT, ENGINEER, LAND SURVEYOR, OR LANDSCAPE ARCHITECT] may request an exemption from the continuing education requirements of 12 AAC 36.510 - 12 AAC 36.550 by submitting a written request to the board that describes the reasons for the request and includes supporting documentation. If the board finds good cause, the board will grant an exemption under this subsection to a **registrant** [PROFESSIONAL ARCHITECT, ENGINEER, LAND SURVEYOR, OR LANDSCAPE ARCHITECT] who is experiencing a physical disability, serious illness, family emergency, or other extenuating circumstance.

(e) A professional architect, engineer, land surveyor, or landscape architect is

partially exempt from the continuing education requirements of 12 AAC 36.510 - 12 AAC 36.550 if that individual has been registered as a professional architect, engineer, land surveyor, or landscape architect for a duration of 30 or more years in a NCEES, NCARB, or CLARB recognized jurisdiction. The individual must complete eight hours per biennial licensing period. (Eff. 10/18/2007, Register 184; am 7/12/2008, Register 187; am 7/13/2011, Register 199; am ____/____/_____, Register _____)

Authority: AS 08.48.071 AS 08.48.101

12 AAC 36.540 is amended to read:

12 AAC 36.540. Record keeping and review of records. (a) A professional architect, engineer, land surveyor, or landscape architect shall maintain records that may be used to verify professional development hours claimed under 12 AAC 36.510 - 12 AAC 36.550. These required records include

(1) a log showing the course or activity claimed, the sponsoring organization, the [LOCATION AND] duration of the course or activity, the **activity title and description of content** [NAME OF THE SPEAKER OR INSTRUCTOR, AND THE UNIT OF CREDIT OR NUMBER OF PROFESSIONAL DEVELOPMENT HOURS EARNED]; and

(2) **a board-approved continuing education structured report for publishing, teaching, presenting, active participation in professional and technical societies, in-house programs, patents, outreach activities, and structured self-study** [ATTENDANCE VERIFICATION RECORDS IN THE FORM OF COMPLETION CERTIFICATIONS, SIGNED ATTENDANCE RECEIPTS, RECEIPTS FOR THE PAYMENT OF TUITION OR FEES, A COPY OF A LIST OF PARTICIPANTS SIGNED BY THE SPEAKER OR INSTRUCTOR, OR SIMILAR DOCUMENTS SHOWING EVIDENCE OF ATTENDANCE].

(b) Records required under (a) of this section must include sufficient detail to permit verification during an audit, and must be maintained for at least four years from the date that the course or activity was completed.

(c) The board may request at any time that a **registrant** [PROFESSIONAL ARCHITECT, ENGINEER, LAND SURVEYOR, OR LANDSCAPE ARCHITECT] provide proof of compliance with the continuing education requirements of 12 AAC 36.510 - 12 AAC 36.550. A **registrant** [PROFESSIONAL ARCHITECT, ENGINEER, LAND SURVEYOR, OR LANDSCAPE ARCHITECT] must provide a copy of the records required under (a) of this section to the board **not** [NO] later than 30 days after receipt of a request for the records.

(d) Audits of compliance of **registrant** [PROFESSIONAL ARCHITECT, ENGINEER, LAND SURVEYOR, OR LANDSCAPE ARCHITECT] continuing education requirements will be conducted in accordance with 12 AAC 02.960. (Eff. 10/18/2007, Register 184; am 7/13/2011, Register 199; am ____/____/_____, Register _____)

Authority: AS 08.48.071 AS 08.48.101

12 AAC 36.550 is amended to read:

12 AAC 36.550. Definitions. In 12 AAC 36.500 - 12 AAC 36.550, unless the context requires otherwise,

(1) "college" includes a community college and a university;

(2) "continuing education unit" means a **unit of credit customarily used for continuing education courses; for purposes of this paragraph, one continuing education unit equals 10 contact hours in an approved continuing education course** [UNIFORM UNIT OF MEASURE FOR CONTINUING EDUCATION AND TRAINING ESTABLISHED BY A NATIONALLY RECOGNIZED PROFESSIONAL OR TECHNICAL SOCIETY]

ACCEPTABLE TO THE BOARD];

(3) **repealed** ____ / ____ / ____ ["COURSE OR ACTIVITY" MEANS A UNIT OF INSTRUCTION

(A) WITH A CLEAR PURPOSE AND OBJECTIVE TO MAINTAIN, IMPROVE, OR EXPAND THE SKILLS AND KNOWLEDGE RELEVANT TO THE PRACTICE OF A PROFESSIONAL ARCHITECT, ENGINEER, LAND SURVEYOR, OR LANDSCAPE ARCHITECT; AND

(B) THAT MEETS THE REQUIREMENTS OF 12 AAC 36.510];

(4) **repealed** ____ / ____ / ____ ["IN-HOUSE WORKSHOP" MEANS A SEMINAR, PROGRAM, OR TRAINING SESSION PRESENTED BY A PROFESSIONAL WITH EXPERTISE IN THE FIELD OF ARCHITECTURE, ENGINEERING, LAND SURVEYING, OR LANDSCAPE ARCHITECTURE];

(5) "professional development hour" means not less than 50 minutes of instruction or presentation in a continuing education course or activity that meets the requirements of 12 AAC 36.510;

(6) "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;

(7) "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;

(8) "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;

(9) "structured self-study" means time spent engaging in self-guided professional development. (Eff. 10/18/2007, Register 184; am 7/12/2008, Register 187; am 7/13/2011, Register 199; am ____ / ____ / _____, Register ____)

Authority: AS 08.48.101 AS 08.48.341

12AAC 36.510(e)

(e) Repealed ____/____/____ [A PROFESSIONAL ARCHITECT, ENGINEER, LAND SURVEYOR, OR LANDSCAPE ARCHITECT WHO OBTAINS MORE PROFESSIONAL DEVELOPMENT HOURS DURING A BIENNIAL REGISTRATION PERIOD THAN NEEDED TO QUALIFY FOR RENEWAL OR REINSTATEMENT OF THE PROFESSIONAL ARCHITECT, ENGINEER, LAND SURVEYOR, OR LANDSCAPE ARCHITECT REGISTRATION MAY APPLY UP TO 12 OF THE EXCESS PROFESSIONAL DEVELOPMENT HOURS TO THE CONTINUING EDUCATION REQUIREMENT FOR THE SUBSEQUENT BIENNIAL PERIOD FOR PROFESSIONAL ARCHITECT, ENGINEER, LAND SURVEYOR, OR LANDSCAPE ARCHITECT REGISTRATION].

Katie Peck
katie.peck@alaska.gov

May I suggest not repealing this section?
Training/continuing education credit opportunities are not available on a regular schedule and often go through a feast and famine type cycle. So having the ability to roll credits over is very beneficial.

Chris Davis
cdavis@epsinc.com

I noticed the compilation of changes makes continuing education rigid. 12 AAC 36.510 (e) Repeals the ability to carry-over up to 12 hours of PDH from the previous cycle. I do not see anywhere that establishes any carry-over option. I feel that repealing 12 AAC 36.510 (e) is unnecessarily and makes it more difficult for those who have extenuating circumstances.

Talisa Rodrigues
talisamrodrigues@gmail.com

I do not feel that 12 AAC 36.510(e) should be repealed. This code provides flexibility to the registrant when trying to maintain 24 PDHs. It allows registrants the ability to choose courses of interest instead of simply what is available. It also allows for flexibility in life, should the registrant experience a time period where maybe they had a baby, or an injury, or some kind of large life event, they can roll over some PDHs from the previous period to help them meet the current requirement. Perhaps an update to the reporting form could provide for a more streamlined review process instead of repealing this code. A repeal to 12 AAC 36.510(e) restricts the registrant from pursuing courses of interest and lacks support for registrants as they navigate their lives and schedules to fit in the appropriate PDHs.
Thank you

Amber M. McDonough, PE
AELM11511
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Greetings Ms. Davis,
I am in receipt of the proposed regulations changes to continuing education requirements for AELS license renewals. My 2022-2023 renewal application was audited for continuing education compliance, so I am very familiar with the current regulations. The AELS Board found my application documentation satisfied the continuing education requirements for the January 1, 2020 – December 31, 2021 licensing period, during which time learned 40 PDHs. Because I exceeded the required 24 PDHs, I intended to have the option to carry forward up to 12 PDHs into the upcoming biennial period as currently allowed per 12 AAC 36.510(e), if needed. The proposed regulation changes seek to repeal 12 AAC 36.510 (e) in its entirety, primarily from what I understand out of administrative convenience for State auditors. Even acknowledging this recurring documentation challenge, the Board is overlooking the time and money registrants have spent acquiring these additional PDHs, as well as the added expenditures that would now be needed to earn replacement credits.
For this reason, I am not in favor of this change especially since this credit tracking problem seems like it could be solved using off-the-shelf

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<p><i>Cont. from previous page</i> Amber McDonough</p>	<p>database reporting software. In addition, leaving this regulation “as is” has the added benefit of encouraging registrants to accumulate an excess of continuing education credits during every biennial period. If the repeal of 12 AAC 36.510 (e) is adopted, would it negate the excess PDHs registrants have acquired during the previous biennial period when credit rollovers were allowed? Or would they be honored in the short-term during this regulatory transition?</p>
<p>Tim Conrad tcconrad@gmail.com</p>	<p>I am writing in objection to the repeal of 12AAC36.510(e). In my view repealing that feature of the CEU system encourages licensees to do the bare minimum continuing education. Allowing licensees to carry over extra credits to the subsequent biennial period allows them to pursue additional or higher credit educational units while recognizing that additional time, effort, and cost won't evaporate at the end of the current biennial period.</p>
<p>Joseph Smiley joseph.smiley1@gmail.com</p>	<p>The repeal of 12 AAC 36.510 Paragraph (e) unnecessarily removes the option to carry over excess professional development hours. This carryover provision is very useful for those who have a season of more extensive education than is typically required such as completing college coursework. I ask that you do not remove or restrict the ability to carry forward excess professional development hours.</p>
<p>Kirsten Valentine</p>	<p>I oppose removal of the ability to roll over up to 12 excess hours from one renewal period to another. While I have not had to rely on this allowance to meet the CE requirements, it has given me the confidence to be selective in choosing the CE activities I engage in. I fear that if the rollover allowance goes away, I will be more concerned about my ability to meet the 24 hour CE requirement, and therefore fill my time with less-valuable CE activities. Without the ability to roll excess hours to the future, I will have less justification to engage in CE activities that may be of higher value to me after I reach my 24 hour requirement for the current renewal period.</p> <p>The removal of the rollover will disincentivize CE engagement after minimums are met, and incentive registrants to fill their time with any CE activity that meets requirements rather than look for opportunities that will be particularly helpful, instructional, or meaningful to them.</p>
<p>Brendan Karchere Brendan.J.Karchere@conocophillips.com</p> <p>And</p> <p>Monty Lawler Monty.lawler@conocophillips.com</p> <p>And</p> <p>Jodie Hosack Jodie.I.hosack@conocophillips.com</p> <p>And</p> <p>Joe Miller Joe.miller@conocophillips.com</p> <p><i>Cont. on next page</i></p>	<p>It is great to see that the Board is active in refreshing the continuing education (CE) requirements in a way that simplifies the regulations and increases flexibility. There are many positives that are presented in the proposed changes for registrants, and this shows that the Board took an eyes-wide open approach when considering previous registrant CE feedback. Along with the positives, there are also a few negatives, and most of which are not noteworthy since the positives generally outweigh these negatives. However, there is one proposed deletion (without replacement) that has been especially meaningful for myself as a registrant in Alaska.</p> <p>Request: I would strongly urge the Board reassess the repeal of 12 AAC 36.510 (e) in its entirety.</p> <p>Basis:</p> <ol style="list-style-type: none"> 1. Contradiction with the simplification/flexibility increase mission of the 12 AAC 36.510 proposed changes: repealing this provision goes against what the board was attempting to accomplish with the continuing education requirements:

<p><i>Cont. from Previous page</i> Comments on 12AAC36.510(e)</p> <p><i>Brendan Karchere</i> <i>Monty Lawler</i> <i>Jodie Hosack</i> <i>Joe Miller</i></p>	<p>a. Goal - allows more flexibility: the proposed repeal reduces registrant continuing education flexibility with regard to what activities will be allowed to count for CEs.</p> <p>b. Goal – allow for more activities to count as PDHs: the proposed repeal reduces registrant continuing education that could count towards PDHs for registrants.</p> <p>c. Goal – allow more options for allowable CE activities: the proposed repeal reduces registrant continuing education options.</p> <p>2. Value:</p> <p>a. Content/depth: I’ve been fortunate enough to have had the opportunity to attend multi-day (some weeklong) technical seminars which take a much deeper dive into technical topics, compared to 1-hour seminars. The technical depth that was presented and knowledge gained from long duration seminars has been technically superior in my experience.</p> <p>b. PDH: these long-duration seminars have a positive upside for both the registrant and employer – quick accumulation of significant PDHs (more than what would be allowed in a single 24-month period).</p> <p>3. Actual historical use: I have personally leveraged this carry-over option (proposed for repeal) during periods where the business/market conditions/professional training opportunities didn’t allow opportunities for professional development in a specific 24-month period.</p> <p>4. Other registrants: may be in a similar situation but could also be weighed down by employer support for professional development as a whole, or not able to participate when they’re between or new to a specific employer.</p> <p>5. Limits already specified: there was previously a 12-hour limit on carry-over; thus, so some level of professional development during the period would still be necessary as the carry-over provision would not completely fulfil the 24 PDH requirement in any single 24-month period. Impact if the repeal remains per the Draft Regulation: would risk the CE value proposition of focused deep dive multi-day and weeklong seminars if the repeal remains (max. PDH one could receive credit for in any one 24-month period would be 3x8hr days).</p> <p>I’m hopeful the Board will reconsider the proposed repeal and restore the section in its entirety so future registrants can (or continue to) capitalize on this available opportunity. Restoring 12 AAC36.510 (e) would also be consistent with the Board’s goals of this CE regulation rewrite (allow more flexibility, more activities to count, and more options for allowable CE activities).</p> <p>Please don’t hesitate to reach out if you would like to talk anything over.</p>
<p>Sanjana Datta Greenhill sanjanattu@gmail.com</p>	<p>I would strongly urge the Board reassess the repeal of 12 AAC 36.510 (e) in its entirety. Specifically, I'd like the carry-over option be reinstated since I've leveraged this in the past and for certain technical courses the amount of PDH hours credited is in excess of 24hrs.</p>

12AAC 36.510(e)

Jared Keyser SE
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The proposed modification to the Continuing Education eliminates the 12-hour excess professional development hour carryover. I strongly preferred to keep the 12-hour carryover as in current regulation for it creates greater flexibility to the registrant to schedule CE time when it will not affect project deliverables to the client. This minimizes CE requirements from impacting the HSW of our clients' projects, by allowing us to focus on their projects when needed, and schedule CE when it does not impact the projects. Likewise, the carryover encourages more extensive, longer duration CE which is beneficial to the registrant and then the Alaska clients they serve.

Jonathan Weaver
jonathanweaverpe@gmail.com

The repeal of 12 AAC 36.510(e) removes significant flexibility from registrants. There have been a number of renewal periods where due to workload demands obtaining the required hours is difficult. Having the ability to obtain additional training during a slower renewal period to hedge against the next one being busy is flexibility that should be retained.

Matt Walker
vpimatt@gmail.com

I oppose the removal of language allowing registrants to apply up to 12 excess pdh's to the CE requirement for the subsequent biennial period. Removing this provision strips registrants of flexibility while doing nothing to appreciably increasing benefits to registrants or the state. The administrative burden was not imposed on Board staff, but rather the registrants, to track and document the pdh's carried forward. I did not see any justification provided by the Board for this change.

12AAC 36.520(a)(7)

(7) up to eight professional development hours may be credited annually for successfully completing a course or activity that has content areas focusing on ethics or business-related activity, improving a registrant's business practice or operations, or advancing professionally related skills and practices as applicable to the practice of the registrant;

Julia Hanson
Julia.hanson@alaska.gov

1. What is the intent in including this clause? Consider, for example, project management courses. The only ones worth attending are 2-3 days long. And it's essential to doing the work. Failure to develop this skill leads to projects that erode public confidence in the profession.
2. "eight... hours may be credited *annually*" – This is unclear with the per biennium requirement for continuing education. For example, if you take a 2-day course covered by this clause in the even year of the biennium, and then none in the odd year of the biennium, you still only get credit for 8 hours? Or can you get credit for 16 hours within the same biennium, because it's two years and you're allowed 8 hours per year?

12AAC 36.530	
<p>(e) A professional architect, engineer, land surveyor, or landscape architect is partially exempt from the continuing education requirements of 12 AAC 36.510 - 12 AAC 36.550 if that individual has been registered as a professional architect, engineer, land surveyor, or landscape architect for a duration of 30 or more years in a NCEES, NCARB, or CLARB recognized jurisdiction. The individual must complete eight hours per biennial licensing period.</p>	
<p>Damien Stella damien@reagan.com</p>	<p>30-year practice exemption: I LIKE IT!! Of course, I already have 34 hours for my current biennial period. Happy to not have this hang over my head in the future. Damien CE-7250</p>
<p>Christine Ness Christine.Ness@respec.com</p>	<p>I do not support relaxation of continuing education requirements as proposed. Registrants should not be allowed to slow down in their professional growth until they retire permanently. A relaxation of required continuing education would allow diminished professional acuity. I look forward to the required learning opportunities and find that it leads to healthy networking in addition to updated skills. I take pride in maintaining my professional education and growth. Thanks!</p>
<p>Nathan R Coffee upcoffee@gci.net</p> <p>This comment is a result of an incorrect piece of information that was included in the public notice that was mailed out. It was corrected in the online version on the website. SJN</p>	<p>12 AAC 36.530. Exemptions, is proposed to add an exemption for those registrants that have been practicing in another recognized jurisdiction for 30 or more years and allow them to only have to complete eight hours of continuing education per biennial licensing period. The proposed exemption is for the benefit of out-of-state practitioners and reduces their continuing education requirement while not providing equivalent benefit to Alaska resident architects. This seems like a regulation being driven by outside interests or tailored to suit a specific group of practitioners; this regulation creates inequality rather than equal treatment to all licensed professionals and is therefore inappropriate. I urge you to remove this section from your proposed regulations.</p>
<p>Peter Giessel PGiessel@bsiengr.com</p>	<p>As someone who is 2/3rds of the way to the 30 or more years of practice in (multiple) NCEES recognized jurisdiction(s), I strongly object to the added exemption for those who have practiced more than 30 years. The codes and industry has changed so much and continues to change so much that it is *MORE* important as we get further into our career to continue to keep up with industry and code changes. Continuing education becomes *MORE* important the further you get out of school, not less important. The older we get the more we should be participating in code committees, teaching classes to younger engineers, and continuing our own education. This exemption has in exactly backwards. If anything the requirement should double for anyone who has practiced more than 30 years, not halve.</p>

12AAC36.550(6)(E)	
<p>(6) "ethics or business-related course or activity" means a qualifying course or activity with content areas related to</p> <p>(A) awareness of ethical concerns and conflicts;</p> <p>(B) familiarity with the codes of conduct;</p> <p>(C) understanding of standards of practice;</p> <p>(D) project management and risk-management; or</p> <p>(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;</p>	
<p>Julia Hanson Julia.hanson@alaska.gov</p>	<p>3. This definition is basically how I've been describing the entire continuing education requirement. But here, it applies to something that we only get 8 hours of credit for, within a 24-hour requirement. If "skills and knowledge relevant to the registrant's field" is limited to 8 hours, then what are the rest of the hours supposed to cover?</p> <p>4. If adopted, when will these changes take effect? Renewal is only 6 months away</p>
General	
<p>Anonymous</p>	<p>The continuing education requirements and associated documentation are a ploy by academia and government regulators to generate work/revenue for themselves at the expense of the professional engineering community. I have been active in the engineering community for nearly 40 years. If one is active in industry, informal education is happening on-the-job every day. There is little to no benefit to require formal documentation of CE's and PDH's. I put this burden right next to the groups that are pushing for PE's to have master degrees. In my experience, the more time spent in academia, the less practical an engineer will be in the real world.</p>
<p>Jonathan Lang, PLS jonathan@langsurvey.com</p>	<p>Continuing Education is vital and I wholeheartedly support it. It is my opinion that, as the years pass, the CE requirements for Professional Land Surveyors should loosen. I suggest tiered CE: 24 hours of CE per biennial period for the first 10 years of registration, 16 hours of CE per biennial period for years 11-20, and 8 hours of CE after 20 years of registration.</p>
<p>Ed Bargar edbargar@gmail.com</p>	<p>This notice tells me that you propose to make changes. However, it does not tell me what the specific changes are or the justification for those changes. There is no link here, nor in the letter (notice) I received via USPS that directs me to where I can find this more detailed information.</p> <p>Without more detailed information, I must go on record as being opposed to these changes.</p>

Questions already answered

Question 1	<p>Is this the correct avenue to communicate feedback and comments?</p> <p>I have concerns with the language in section 12 AAC 36.520 (2) & (3). Is the intention of these deletions to exclude conferences and seminars from the included continuing education possibilities? It isn't clear to me whether the intention is that attendance at professional conferences continues to be valid.</p> <p>Thanks. -Mark Ayers (AELE 11516)</p>
Answer 1	<p>Hi Mark,</p> <p>Thank you for reviewing the proposed CE regulation changes. The intent was not to exclude conferences and seminars, but instead to focus on "qualifying courses or activities." Qualifying course or activity is defined in 36.550 (8). If the conference and/or the seminar meet the requirements of 36.510 (g) and 36.550 (8), then it would be an acceptable continuing education course</p>
Question 2	<p>I received your notice regarding proposed regulations changes and had a clarification question.</p> <p>The proposed changes include a partial exemption for continuing education requirements from 24 to 8 units for those with 30+ years of experience. I have been licensed in Alaska since 1988 so assume I would qualify.</p> <p>As written, however, I can also interpret the proposed change to mean it would only apply to those holding an actual NCARB certification for 30+ years.</p> <p>Is it intended to only apply to those with an actual NCARB record, or does "... for a duration of 30 or more years in a NCEES, NCARB, or CLARB recognized jurisdiction" mean a State of Alaska license is honored because Alaska utilizes NCARB testing?</p> <p>--</p> <p>Regards, Blase Burkhart</p>
Answer 2	<p>Hello Blase,</p> <p>Thank you for reviewing the proposed CE regulation changes. If this regulation is approved, you would be eligible for the exemption because you have been licensed for 30 or more years in a (NCEES, CLARB or NCARB) jurisdiction. This exemption does not require the registrant to be a council record or certificate holder.</p>

NOTICE OF PROPOSED CHANGES IN THE REGULATIONS OF THE STATE BOARD OF REGISTRATION FOR ARCHITECTS, ENGINEERS, AND LAND SURVEYORS

Notice of proposed changes in the regulations of the State Board of Registration for Architects, Engineers, and Land Surveyors

Brief Description: The State Board of Registration for Architects, Engineers, and Land Surveyors proposes to update various regulations relating to applications for initial licensure and the respective requirements for work experience, professional or subprofessional experience, dates of experience, eligibility for examination, education requirements, supporting verification requirements; requirements for licensure by comity; standards and definitions

The State Board of Registration for Architects, Engineers, and Land Surveyors (Board) proposes to adopt regulation changes in Title 12, Chapter 36 of the Alaska Administrative Code including the following:

1. **12 AAC 36.063 Engineering education and work experience requirements**, is proposed to be changed as follows: to allow an applicant to use the experience gained through an eligible mentoring program in combination with traditional work experience to meet the application requirements for initial licensure as an engineer; to remove reference to structural engineering license by examination.
2. **12 AAC 36.067. Dates of experience**, is proposed to be amended by allowing an applicant for registration by examination to project up to three months of relevant experience while their application is pending Board approval.
3. **12 AAC 36.075. Eligibility for Structural Engineering Registration by Examination**, is a proposed new section outlining the requirements to obtain a structural engineering license by examination.
4. **12 AAC 36.100. Required examinations**, is proposed be amended by clarifying the requirement that an applicant for registration as a land surveyor must pass the NCEES Principles and Practice of Surveying examination whether applying by examination or by comity.
5. **12 AAC 36.104. Structural Engineer Registration by Comity**, is a proposed new section outlining the requirements for a structural engineering license by comity.
6. **12 AAC 36.105. Engineer Registration by Comity**, is proposed to remove reference to structural engineering comity requirements.
7. **12 AAC 36.107. Land surveyor registration by comity**, is proposed to amend the examination requirements for applicants for registration as a land surveyor by comity to reflect the changes in 12 AAC 36.100.
8. **12 AAC 36.990, Definitions**, is proposed to add a definition of "mentoring program", remove references to structural engineering as a sub-branch of professional engineering and delete the definition of "progressive structural experience".

You may comment on the proposed regulation changes, including the potential costs to private persons of complying with the proposed changes, by submitting written comments to Alison Osborne, Regulations Specialist, Division of Corporations, Business and Professional Licensing, P.O. Box 110806, Juneau, AK 99811-0806. Additionally, the Board will accept comments by facsimile at (907) 465-2974 and by electronic mail at RegulationsAndPublicComment@alaska.gov. Comments may also be submitted through the Alaska Online Public Notice System by accessing this notice on the system at <http://notice.alaska.gov/211440>, and using the comment link. **The comments must be received not later than 4:30 p.m. on July 19, 2023.** Comments received after this deadline will not be considered by the Board.

You may submit written questions relevant to the proposed action to Alison Osborne, Regulations Specialist, Division of Corporations, Business and Professional Licensing, P.O. Box 110806, Juneau, AK 99811-0806 or by e-mail at RegulationsAndPublicComment@alaska.gov. **The questions must be received at least 10 days before the end of the public comment period.** The Board will aggregate its response to substantially similar questions and make the questions and responses available on the Alaska Online Public Notice System and on the Board's website at <https://www.commerce.alaska.gov/web/cbpl/ProfessionalLicensing/BoardofArchitectsEngineersandLandSurveyors.aspx>. The Board may, but is not required to, answer written questions received after the 10-day cut-off date and before the end of the comment period.

If you are a person with a disability who needs a special accommodation in order to participate in this process, please contact Alison Osborne at (907) 465-6826 or RegulationsAndPublicComment@alaska.gov not later than **July 12, 2023** to ensure that any necessary accommodation can be provided.

A copy of the proposed regulation changes is available on the Alaska Online Public Notice System and by contacting Alison Osborne at (907) 465-6826 or RegulationsAndPublicComment@alaska.gov, or go to <https://www.commerce.alaska.gov/web/portals/5/pub/AELS-0123.pdf>.

After the public comment period ends, the Board will either adopt the proposed regulation changes or other provisions dealing with the same subject, without further notice, or decide to take no action. The language of the final regulation may be different from that of the proposed regulation. **You should comment during the time allowed if your interests could be affected.** Written comments and questions received are public records and are subject to public inspection.

Statutory Authority: AS 08.48.101; AS 08.48.171; AS 08.48.181; AS 08.48.191; AS 08.48.331

Statutes Being Implemented, Interpreted, or Made Specific: AS 08.48.101; AS 08.48.171; AS 08.48.181; AS 08.48.191; AS 08.48.331

Fiscal Information: The proposed regulation changes are not expected to require an increased appropriation.

DATE: 06/14/2023

Prepared by:

Alison Osborne, Regulations Specialist
of Corporations, Business and Professional Licensing

Division

For each occupation regulated under the Division of Corporations, Business and Professional Licensing, the Division keeps a list of individuals or organizations who are interested in the regulations of that occupation. The Division automatically sends a Notice of Proposed Regulations to the parties on the appropriate list each time there is a proposed change in an occupation's regulations in Title 12 of the Alaska Administrative Code. If you would like your address added to or removed from such a list, send your request to the Division at the address above, giving your name, either your e-mail address or mailing address (as you prefer for receiving notices), and the occupational area in which you are interested.

ADDITIONAL REGULATION NOTICE INFORMATION

(AS 44.62.190(d))

1. **Adopting agency:** State Board of Registration for Architects, Engineers, and Land Surveyors – Department of Commerce, Community, and Economic Development, Division of Corporations, Business and Professional Licensing.

2. **General subject of regulation:** updating various regulations relating to applications for initial licensure and the respective requirements for work experience, professional or subprofessional experience, dates of experience, eligibility for examination, education requirements, supporting verification requirements; requirements for licensure by comity; standards and definitions.

3. **Citation of regulation:** 12 AAC 36.063, 12 AAC 36.067, 12 AAC 36.075, 12 AAC 36.100, 12 AAC 36.104, 12 AAC 36.105, 12 AAC 36.107, 12 AAC 36.990.

4. **Department of Law file number:** 2023200087.

5. **Reason for the proposed action:** Update and clarification of current regulations.

6. **Appropriation/Allocation:** Corporations, Business and Professional Licensing – #2360.

7. **Estimated annual cost to comply with the proposed action to:**

A private person: None known.

Another state agency: None known.

A municipality: None known.

8. **Cost of implementation to the state agency and available funding (in thousands of dollars):** No costs are expected in FY 2023 or in subsequent years.

9. **The name of the contact person for the regulation:**

Sara Neal, Executive Administrator

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

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

Telephone: (907) 465-2540
E-mail: sara.neal@alaska.gov

10. The origin of the proposed action: State Board of Registration for Architects, Engineers, and Land Surveyors.

11. Date: 06/14/2023

Prepared by: Alison Osborne
Regulations Specialist

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Attachments, History, Details

Attachments

[AELS-0123.pdf](#)

Revision History

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Modified 6/12/2023 2:16:12 PM by asosborne
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Events/Deadlines:	Public Comment Deadline 7/19/2023 4:30pm

**Chapter 36. State Board of Registration for Architects,
Engineers, and Land Surveyors.**

12 AAC 36.063(c)(1) is amended to read:

(1) two years of responsible charge experience or **the equivalent experience gained through a** [SUCCESSFUL COMPLETION OF A FOUR-YEAR RESPONSIBLE CHARGE] mentoring **program, within the meaning given in 12 AAC 36.990(a)** and this section; **to** [. 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** [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;

12 AAC 36.063(c)(2) is amended to read:

(2) [RESPONSIBLE CHARGE] experience **gained under (j) of this section** [OR SUCCESSFUL COMPLETION OF FOUR YEARS OF RESPONSIBLE CHARGE OBTAINED WITHIN A MENTORING SYSTEM] will be considered for credit only if it is gained after the applicant has completed education or work experience or both that are equivalent to the requirements to be eligible for the fundamentals of engineering examination.

The introductory language of 12 AAC 36.063(j) is amended to read:

(j) To meet the mentoring requirements of this section, an applicant must complete [FOUR YEARS OF] quarterly face-to-face meetings with a professional engineer **who is** registered in the United States and registered in the same discipline that the applicant is applying for. **One quarter of responsible charge experience will be credited for every two quarters of a documented mentoring program.** An applicant shall

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12 AAC 36.063(k) is repealed:

(k) Repealed ____ / ____ / ____ [TO BE ELIGIBLE FOR THE STRUCTURAL ENGINEERING EXAMINATION, AN APPLICANT MUST

(1) BE CURRENTLY REGISTERED AS A PROFESSIONAL ENGINEER IN THIS STATE; AND

(2) HAVE AT LEAST TWO YEARS OF PROGRESSIVE STRUCTURAL EXPERIENCE, IN ADDITION TO THE EIGHT YEARS OF EDUCATION AND WORK EXPERIENCE OR BOTH THAT ARE EQUIVALENT TO THE REQUIREMENTS SET OUT IN THE APPLICABLE TABLE OF EDUCATION AND WORK EXPERIENCE REQUIREMENTS FOR A PROFESSIONAL ENGINEERING EXAMINATION IN THIS SECTION.] (Eff. 9/30/78, Register 67; am 6/29/84, Register 90; am 8/13/87, Register 103; am 6/3/89, Register 110; am 3/16/96, Register 137; am 7/26/97, Register 143; am 8/26/98, Register 147; am 11/20/99, Register 152; am 3/8/2001, Register 157; am 6/13/2003, Register 166; am 7/22/2004, Register 171; am 9/11/2004, Register 171; am 10/29/2009, Register 192; am 9/9/2016, Register 219; am 5/25/2017, Register 222; am 5/5/2023, Register 246; am ____ / ____ / _____, Register _____)

Authority: AS 08.48.101 AS 08.48.171 AS 08.48.181

12 AAC 36.067 is repealed and readopted to read:

12 AAC 36.067. Date of experience. An applicant for registration as an engineer by examination who meets the requirements of 12 AAC 36.063(c)(1), or an applicant for registration as a land surveyor by examination who meets the requirements of 12 AAC 36.065(b) may project up to three months of professional or subprofessional work within the meaning given in 12 AAC 36.990(a) from the time of application to the date of the examination. (Eff. 9/30/78, Register 67; am 11/13/99, Register 152; am ____/____/_____, Register _____)

Authority: AS 08.48.101 AS 08.48.171

12 AAC 36 is amended by adding a new section to read:

12 AAC 36.075. Eligibility for structural engineering registration by examination.

(a) To be eligible for registration as a structural engineer, an applicant must

- (1) submit a completed application on a form provided by the department;
- (2) be currently registered as a professional engineer in this state;
- (3) have successfully passed the examination required in 12 AAC 36.100(g);
- (4) have at least two years of structural engineering work experience that must

(A) be gained after obtaining a professional engineering license;

(B) demonstrate progressive experience, knowledge, and project

responsibilities relating to the design of structural systems;

(C) be obtained under the responsible charge of

(i) a registered professional structural engineer;

(ii) a registered professional engineer practicing structural design to the standard of a professional structural engineer in a jurisdiction without separate licensure requirements for structural engineers; or

(iii) a mentoring registered professional structural engineer engaged with the applicant through a mentoring program;

(D) include practical design experience in one or more of the following areas:

(i) buildings or structures of at least 45 feet, or two stories, in height, located in a region of moderate or high seismic risk;

(ii) seismic rehabilitation or retrofitting of an existing building or structure located in a region of moderate or high seismic risk; or

(iii) structural design of any other structure of comparable structural complexity as set out in (i) or (ii) of this subparagraph; and

(5) submit evidence to the board's satisfaction that the applicant's experience meets the requirements as set out in (4) of this subsection.

(b) to be eligible for the structural engineering examination required in 12 AAC 36.100(g), an applicant must be currently registered as a professional engineer in this state. (Eff. ____/____/____, Register _____)

Authority: AS 08.48.101 AS 08.48.171 AS 08.48.181

The introductory language of 12 AAC 36.100(d) is amended to read:

(d) An [UNLESS AN APPLICANT IS REGISTERED BY COMITY UNDER AS 08.48.191(c), AN] applicant for registration as a land surveyor must pass the professional land surveyor examination, that includes

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12 AAC 36.100 is amended by adding a new subsection to read:

(g) An applicant for registration as a structural engineer must pass the NCEES Principles and Practices of Engineering Structural Examination unless applying for registration by comity under 12 AAC 36.108. (Eff. 5/23/74, Register 50; am 6/3/89, Register 110; am 10/20/90, Register 116; am 3/16/96, Register 137; am 11/13/99, Register 152; am 8/19/2006, Register 179; am 7/12/2008, Register 187; am 7/19/2009, Register 191; am 5/5/2023, Register 246; am ____/____/____, Register ____)

Authority: AS 08.48.101 AS 08.48.181 AS 08.48.191
AS 08.48.171

12 AAC 36 is amended by adding a new section to read :

12 AAC 36.104. Structural engineer registration by comity. (a) An applicant for registration as a structural engineer by comity must

(1) submit verification of current registration to practice structural engineering in a state, territory, or possession of the United States, the District of Columbia, or a foreign country, that is based upon education, experience, and examination requirements that, in the opinion of the board, are at least equivalent to the requirements as set out in AS 08.48 and this chapter at the time the applicant's registration was issued in the other jurisdiction;

(2) have passed one of the following structural engineering examinations:

(A) the NCEES PE Structural Examination;

(B) the NCEES Structural Engineering II and Washington or California Structural III examinations;

(C) the NCEES Structural Engineering I and NCEES Structural Engineering II; or

(D) the Western States 16-hour Structural Examination;

(3) have completed the cold regions design requirements of 12 AAC 36.110;

(4) have completed a jurisprudence questionnaire prepared by the board, covering the provisions of AS 08.01 - 08.03, 12 AAC 02, AS 08.48 and this chapter;

(5) meet the requirements for a professional engineering registration set out in 12 AAC 36.063(a)(3) plus an additional two years of experience working under the supervision of a registered professional engineer practicing structural engineering; and

(6) submit evidence of work experience by means of

(A) a letter bearing the signature and seal of the engineer responsible for the supervision of the applicant, verifying that applicant has been practicing structural engineering for two years; or

(B) two current letters of reference bearing the signatures and seals of professional engineers who meet the requirements of (b)(1) or (2) of this section, verifying that applicant has been practicing structural engineering as a registered professional engineer for at least five years before submitting an application under this section.

(b) Evidence of work experience and letters of references required under (a)(6)(A) and (B) of this section must be provided by

(1) a registered professional structural engineer in a state, territory, or possession of the United States, the District of Columbia, or a foreign country; or

(2) a registered professional engineer practicing structural design to the standard of a professional structural engineer.

(c) If the letter provided by an engineer to meet the requirements of (a)(6)(A) or (B) of this section does not possess a seal, the engineer must provide an explanation to the board, providing the engineer's registration number and certifying that the registration of that engineer is current.

(d) An applicant for registration as a structural engineer by comity may submit a council record issued by NCEES to verify the applicant's qualifications, including

- (1) the applicant's examination results;
- (2) records of the applicant's education; and
- (3) verification of the applicant's registration in another licensing jurisdiction.

(Eff. __/__/__, Register __)

Authority: AS 08.48.101 AS 08.48.201

12 AAC 36.105(h) is repealed and readopted to read:

(h) An applicant who has passed the NCEES Structural Engineering I Examination, NCEES Structural Engineering II Examination, or the NCEES PE Structural Examination may be granted a civil engineering registration. (Eff. 9/30/78, Register 67; am 8/13/87, Register 103; am 6/3/89, Register 110; am 10/20/90, Register 116; am 3/16/96, Register 137; am 7/26/97, Register 143; am 8/26/98, Register 147; am 11/13/99, Register 152; am 3/9/2001, Register 157; am 6/11/2005, Register 174; am 7/25/2008, Register 187; am 7/19/2009, Register 191; am

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5/25/2017, Register 222; am 3/28/2019, Register 229; am 5/5/2023, Register 246; am
_____/_____/_____, Register _____)

Authority: AS 08.48.101 AS 08.48.181 AS 08.48.191
AS 08.48.171

12 AAC 36.107(a)(3) is amended to read.

(3) has passed the [STATE LAND SURVEYOR] examination identified in
12 AAC 36.100(d) [12 AAC 36.100(d)(3)].
(Eff. 6/3/89, Register 110; am 10/20/90, Register 116; am 3/16/96, Register 137; am 5/5/2023,
Register 246; am ____/____/_____, Register _____)

Authority: AS 08.48.101 AS 08.48.181 AS 08.48.191
AS 08.48.171

12 AAC 36.990(a)(17)(O) is repealed:

(O) repealed ____/____/____ [(O) STRUCTURAL ENGINEERING;]

12 AAC 36.990(a)(42) is amended to read:

(42) "structural engineering" means the **practice of** [BRANCH OF
PROFESSIONAL] engineering that embraces the studies and activities relating to the
investigation, evaluation, analysis, design and construction of buildings, bridges, and other
structures such as walls, columns, slabs, beams, trusses, or similar members requiring force-
resisting and load bearing members and their connections, or similar members used singly or as a

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part of a larger structure, and the organizational and economic aspects of these studies and activities;

12 AAC 36.990(a)(46) is repealed

(46) repealed ____ / ____ / ____ [(47) "PROGRESSIVE STRUCTURAL EXPERIENCE" MEANS THE EXPERIENCE GAINED BY AN APPLICANT AS A STRUCTURAL ENGINEER WHILE DESIGNING ONE OR MORE SIGNIFICANT STRUCTURES UNDER THE RESPONSIBLE CHARGE OF A REGISTERED STRUCTURAL ENGINEER;]

12 AAC 36.990(a) is amended by adding a new paragraph to read:

(47) "mentoring program" means a program in which a corresponding licensee reviews a mentee's work on a regular basis to ensure that the work meets the standard of care of that discipline and confirms that the mentee is developing experience and responsible charge experience.

(Eff. 5/23/74, Register 50; am 9/30/78, Register 67; am 6/29/84, Register 90; am 8/29/87, Register 103; am 10/20/90, Register 116; am 3/16/96, Register 137; am 7/26/97, Register 143; am 8/26/98, Register 147; am 11/13/99, Register 152; am 3/9/2001, Register 157; am 1/26/2012, Register 201; am 3/11/2012, Register 201; am 10/4/2015, Register 216; am 9/9/2016, Register 219; am 5/25/2017, Register 222; am 5/5/2023, Register 246; am ____ / ____ / _____, Register ____)

Authority: AS 08.48.101 AS 08.48.181 AS 08.48.331

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AS 08.48.171

AS 08.48.191

Submitted By	Comment
<p>7/19/2023 2:46:38 PM Ed Bargar edbargar@gmail.com Fairbanks, AK, US Anonymous User</p>	<p>The information you provide in this notice is insufficient to provide meaningful comments. What is your definition of "eligible mentoring program in combination with traditional work experience"?</p> <p>This is just one example of the shortcomings that make it impossible for me to support any of the proposed changes. Much more detail and explanation of the need for the changes need to be provided.</p>
<p>6/26/2023 5:33:40 PM Jeff K. Smith Smithjkbp@yahoo.com Loudon, TN, US Anonymous User</p>	<p>Thanks to the Board Staff for providing the context of the changes regarding a "mentoring program"</p> <p>The introductory language of 12 AAC 36.063(j) is amended to read:</p> <p>(j) To meet the mentoring requirements of this section, an applicant must complete [FOUR YEARS OF] quarterly face-to-face meetings with a professional engineer who is registered in the United States and registered in the same discipline that the applicant is applying for. One quarter of responsible charge experience will be credited for every two quarters of a documented mentoring program. An applicant shall...</p> <p>Comment - In no way does a quarterly meeting as described above meet or exceed the day to day working relationship a professional engineer has with an applicant. The mentor would not have the context to see the applicant in action, i.e. how does the applicant arrive an engineering judgement? It's very possible that an applicant arrived at a conclusion through a process of surveying others with little or no exercise of their own critical thinking. Many have seen practices like this and would not sign off on the applicant's experience. The meeting described above glosses over the inputs the Professional Engineer needs in order to make an informed decision as to whether or not an applicant has applicable experience.</p> <p>I can fully appreciate the fact that gaining the required experience may not be possible for some potential applicants for a wide variety of reasons and the full registration path may take longer and require careful career choices and moves in order to meet the experience requirements. Standards for measuring</p>

Submitted By	Comment
	<p>experience should not be lowered for a potential applicant that is unable to align their career with the Professional Engineering work environment. The mentor program may have been conceived to be helpful to potential applicants, but it's simply not an effective substitute and it's the potential applicant's job to make changes to obtain the required experience vs. going through what could be a sham process of experience documentation.</p>
<p>6/26/2023 7:05:40 AM Jeff K. Smith Smithjkbp@yahoo.com Loudon, TN, US Anonymous User</p>	<p>12 AAC 36.990, Definitions, is proposed to add a definition of “mentoring program”, remove references to structural engineering as a sub-branch of professional engineering and delete the definition of “progressive structural experience”.</p> <p>Comment: the definition is not provided so it is not possible to determine if a mentoring program meets or exceeds the standard of traditional experience. The mentoring program may have merits, but as written the rule change does not describe the required standards of a mentoring program. This rule change is incomplete without something that demonstrates that the applicant has gained practical engineering abilities. Opposed</p>
<p>6/26/2023 6:59:25 AM Jeff K. Smith Smithjkbp@yahoo.com Loudon, TN, US Anonymous User</p>	<p>12 AAC 36.067. Dates of experience, is proposed to be amended by allowing an applicant for registration by examination to project up to three months of relevant experience while their application is pending Board approval.</p> <p>Comment - Projected time is an imaginary construct. I've know early career Engineers that defy old school expectations and take long absences from the work place with little or no notice. There's a huge hole in the logic behind this rule change. The board will be burdened with a new task of verifying that imaginary projected time became actual time. Applicants can easily bear the burden of actually working the time required by the rules vs. this rule change.</p>
<p>6/26/2023 6:50:50 AM Jeff K. Smith Smithjkbp@yahoo.com Loudon, TN, US</p>	<p>12 AAC 36.063 Engineering education and work experience requirements, is proposed to be changed as follows: to allow an applicant to use the experience gained through an eligible</p>

Submitted By	Comment
Anonymous User	mentoring program Comment: "Mentoring program" has not been defined sufficiently to show that it meets or exceeds the standard of "traditional work experience" On that basis I oppose the change. Secondly do all potential applicants have equal and equitable access to "Mentoring programs" It is foreseeable that potential applicants without access to mentoring programs will take issue with the parallel path.
6/21/2023 11:29:18 AM Brian Slater bslater.eng@gmail.com Anchorage, AK, US Anonymous User	I disagree with the updated wording of 12 AAC 36.067. I don't think applicants should be allowed to project up to 3 months of their work experience while their application is pending Board approval. How would the Board verify they are still employed at the time of Board approval? What if the applicant gets fired or quits before Board approval? Does that nullify Board approval? I suppose the current wording (copied below) almost implies the same thing, but I think we should expect engineers to have the experience instead of projecting they will. "Computation of qualifying experience for admission to the examination as an architect, engineer, land surveyor, or landscape architect is up to the date of the examination"



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Reply



Reply all



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Proposed Regulation Changes



Burley, Blake A. <Blake@designalaska.com>

To: Regulations and Public Comment (CED sponsored)



Wed 6/21/2023 9:43 PM

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I am in support of the following proposed regulation changes

12 AAC 36.063 Engineering education and work experience requirements, is proposed to be changed as follows: to allow an applicant to use the experience gained through an eligible mentoring program in combination with traditional work experience to meet the application requirements for initial licensure as an engineer; to remove reference to structural engineering license by examination.

12 AAC 36.067. Dates of experience, is proposed to be amended by allowing an applicant for registration by examination to project up to three months of relevant experience while their application is pending Board approval.

Blake Burley, PE
Mechanical Engineer



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12 AAC 36.063 Engineering education and work experience requirements



Flag for follow up. Completed on 6/30/2023.



Jeff K. Smith P.E. <smithjkbp@yahoo.com>



To: Regulations and Public Comment (CED sponsored); Neal, Sara J (CED)

Sat 6/24/2023 3:22 PM

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I received the public notice concerning changes to 12 AAC and I'd like more information about changes to 12 AAC 36.063 and 12 AAC 36.990.

Perhaps the public notice was a paraphrased description of the change, or maybe it would make more sense in full context.

Can you please provide the exact language of the proposed final language of 2 AAC 36.063 and 12 AAC 36.990.

Thanks in advance,

Jeff. K. Smith P.E. AELH10896

THE ALASKA BOARD OF REGISTRATION FOR ARCHITECTS, ENGINEERS, AND LAND SURVEYORS
EXAMINER'S REPORT FOR August 28th, 2023

[74] Applications received for the [August 28th, 2023] Board Review: ([35] comity applications and [39] exam applications)

LICENSE TYPE	COMITY	EXAM	TOTAL
Agriculture Engineer			
Architect	5	2	7
Chemical Engineer	2	0	2
Civil Engineer	7	20	27
Control Systems Engineer	0	1	1
Electrical Engineer	4	3	7
Environmental Engineer			
Fire Protection Engineer	1	0	1
Industrial Engineer			
Land Surveyor	1	3	4
Landscape Architect			
Mechanical Engineer	5	4	9
Metallurgical & Materials Engineer			
Mining & Mineral Processing Engineer			
Naval Architect & Marine Engineer	1	0	1
Petroleum Engineer	0	3	3
Structural Engineer	9	3	12

Submissions of NCEES/NCARB/CLARB Transmittals by Comity Applicants

NCEES	NCARB	CLARB
15	3	0

June: Submissions of NCEES/NCARB/CLARB Transmittals by Comity Applicants

NCEES	NCARB	CLARB
5	1	0

July: Submissions of NCEES/NCARB/CLARB Transmittals by Comity Applicants

NCEES	NCARB	CLARB
9	4	0

Of the 74 applicants, 7 had NCEES Records and could have been approved by staff.

Of the 74 applicants, 8 had NCEES/NCARB Records but were missing either the Cold region course or the Jurisprudence Questionnaire.

Exam Results: Quarterly results for April-June 2023

EXAM	PASS	FAIL	NO SHOW	EXAM	PASS	FAIL	NO SHOW	EXAM	PASS	FAIL	NO SHOW
FE	29	34	0	PE	20	8	0	AKLS	8	2	0
FS	1	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 August 28th, 2023

FY23 Quarterly Breakdown of Application Board Reviews and Licenses Issued:

1st Quarter Dates: July 1st-September 30th

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	9	0	4	5	2-Arctic/1-JQ	0	8	2	7
Chemical Engineer	0	0	0	0	0	0	0	0	0
Civil Engineer	42	0	27	15	6-JQ	7	28	15	27
Control Systems Engineer	2	0	2	0	0	0	0	2	0
Electrical Engineer	13	0	4	9	3-JQ	0	12	1	12
Environmental Engineer	2	0	0	2	0	0	2	0	2
Fire Protection Engineer	1	0	0	1	0	0	1	0	1
Industrial Engineer	0	0	0	0	0	0	0	0	0
Land Surveyor	0	0	0	0	0	0	0	0	0
Landscape Architect	0	0	0	0	0	0	0	0	0
Mechanical Engineer	13	0	4	9	1-Arctic/1-JQ	6	17	0	13
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	0	0	0	0	0	0	0	0	0
Petroleum Engineer	1	0	1	0	0	0	0	1	0
Structural Engineer	8	0	1	7	1-Arctic	0	8	0	8

2nd Quarter Dates: October 1st – December 31st

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
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 August 28th, 2023

3rd Quarter Dates: January 1st – March 31st

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
Petroleum Engineer	0	0	0	0	0	0	0	0	0
Structural Engineer	6	0	3	3	1-Arctic	0	4	1	5

4th Quarter Dates: April 1st – June 30th

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
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 August 28th, 2023

FY24 Quarterly Breakdown of Application Board Reviews and Licenses Issued to date: **July 1st – August 14th**

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	4	0	0	4	0	4
Chemical Engineer	0	0	0	0	0	0
Civil Engineer	5	0	5	10	0	5
Control Systems Engineer	0	0	0	0	0	0
Electrical Engineer	1	0	1	2	0	1
Environmental Engineer	0	0	2	2	0	0
Fire Protection Engineer	0	0	0	0	0	0
Industrial Engineer	0	0	0	0	0	0
Land Surveyor	0	0	1	1	0	0
Landscape Architect	0	0	0	0	0	0
Mechanical Engineer	2	0	1	3	0	2
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
Petroleum Engineer	0	0	0	0	0	0
Structural Engineer	1	0	0	1	0	1

FY22 thru FY24 Professional License Statistics- (this information uses dates beginning 07/01-06/30 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	4	31	25
Chemical Engineer	0	3	4
Civil Engineer	10	147	107
Control Systems Engineer	0	3	1
Electrical Engineer	2	45	22
Environmental Engineer	2	7	3
Fire Protection Engineer	0	2	6
Industrial Engineer	0	0	0
Land Surveyor	1	8	10
Landscape Architect	0	4	4
Mechanical Engineer	3	45	27
Metallurgical & Materials Engineer	0	0	0
Mining & Mineral Processing Engineer	0	1	0
Naval Architect & Marine Engineer	0	2	3
Petroleum Engineer	0	2	2
Structural Engineer	1	32	15

Firm Licenses:

License Type	FY24 Total License Count	FY23 Total License Count	FY22 Total License Count
Authorized Corporation	4	20	19
Authorized Limited Liability Corporation	2	26	25
Authorized Limited Liability Partnership	0	1	0

Staff Approval Policy Process

Applicants that met the requirements of the Staff Approval Policy were reviewed by staff. In June there were six applicants and in July 13 applicants for a total of 19 applicants reviewed and licensed by staff. Applications had to be received by the 10th of each month. After applications were reviewed by both Kelly and Sara, applications were uploaded into Onboard and the board was emailed by the 16th of each month with the list of applicants. The board was given from the 16th to the end of the month to review the applications and licenses were issued the last day of the month. For this rotation staff opted to not review applications during the month of August because of the board meeting August 28th. There were six applicants reviewed by the board during the August board meeting who would have been eligible for staff review. There are 8 applicants that are being reviewed by the board that have their council record and are only missing their cold regions design course or the JQ. Would the board want staff to review and include these in the months they were submitted and recommend them to be conditionally approved based on completing their JQ or cold regions design course?

During the July review, two SE applicants with NCEES records but no MLSE designation on the record, were uploaded into Onboard. While the applicants meet the requirements of 12AAC36.105 for structural engineer by comity, Johnston was not comfortable with staff approving an applicant that does not have either the MLE, MLSE or the MLS designation. This will be covered in more detail under New Business later today. Staff is considering requirements for these approvals to be equivalent to the requirements for Mail Ballots which require 100% consensus by the board. If one board member expresses concern over an applicant reviewed by staff, that applicant will be pulled from the staff approval list and moved to the next scheduled board meeting for board review. Also, staff verified the licenses of all licensed references and suggests the board add it to the policy if references are kept on the applications.

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.

**Chapter 36. State Board of Registration for Architects,
Engineers, and Land Surveyors.**

(Words in **boldface and underlined** indicate language being added; words [CAPITALIZED AND BRACKETED] indicate language being deleted.)

12 AAC 36.068 is repealed and readopted to read:

12 AAC 36.068. Eligibility for landscape architect registration by examination. (a)

To be eligible for registration by examination as a landscape architect in the state, an applicant must

(1) submit an application in compliance with 12 AAC 36.010;

(2) successfully pass the examination requirements of 12 AAC 36.100 which must include the Landscape Architectural Registration Examination (LARE) required by 12 AAC 36.100(e);

(3) submit satisfactory evidence as verification that the applicant meets the education and work experience requirements set out in the table of education, work experience and exam requirements for professional landscape architects by one of the following options

(A) LAAB accredited education requirements and associated experience;

or

(B) education through practical experience requirements; and

(4) satisfy the cold regions design requirement of 12 AAC 36.110.

**TABLE OF EDUCATION, WORK EXPERIENCE AND EXAM
REQUIREMENTS FOR PROFESSIONAL LANDSCAPE
ARCHITECTS**

<u>Education</u>	<u>Work Experience</u>	<u>Exam</u>
(A) LAAB -accredited Landscape Architecture Degree	2 years	Pass the L.A.R.E

(B) Education thru Practical experience only 8 years Pass the L.A.R.E

(b) In lieu of a degree in landscape architecture accredited by LAAB, LAAC, or the international equivalent, an applicant seeking licensure under (a)(3)(B) of this section may earn credit toward the work experience requirements set out in table of education, work experience and exam requirements for professional landscape architects through one of the following alternative education options:

(1) a non-accredited degree or certification in landscape architecture for which the applicant may be credited with one year of diversified work experience for each year of school up to a maximum of four years of credited work experience; or

(2) a post-secondary degree or certificate in another subject for which the applicant may be credited with six months of diversified work experience for each year of schooling up to a maximum of two years of credited work experience.

(c) To be eligible for registration to take the L.A.R.E. an applicant for registration by examination under (a)(3)(A) or (a)(3)(B) of this section, must apply to the board for approval to register for the examination and submit a completed application, on a form provided by the department.

(d) An applicant with a foreign degree shall submit

(1) a transcript of the applicant's education and if the transcript is not in English, submit a translation into English and a signed and notarized affidavit by the translator of the accuracy of the translation; and

(2) an evaluation of the applicant's education from an agency approved by the board unless the applicant's education has been earned at a school accredited by an accreditation agency recognized by the board.

(e) To receive full credit for work experience, an applicant must

(1) gain experience while under the responsible control of a professional landscape architect registered in the United States; or

(2) successfully complete a mentoring program that meets the requirements of (h) - (j) of this section.

(f) Education and work experience may not be accumulated concurrently. A maximum of 12 months' credit may be claimed for a calendar year.

(g) Work experience for initial examination must be in the field of landscape architecture for full credit to be given. If the work experience is not in the field of landscape architecture, the board will determine the amount of the credit to be given based on comparability within the field of landscape architecture practice.

(h) To meet the mentoring requirements of this section, an applicant who holds a LAAB accredited professional degree in landscape architecture must complete two years of quarterly face-to-face meetings with a professional landscape architect registered in the United States;

(i) On a form provided by the department, an applicant shall submit a report for each meeting under (h) of this section, including

(1) a description of the applicant's work experience and topics reviewed during the meeting;

(2) a statement indicating whether

(A) the work experience reviewed was responsible charge experience,

(B) the work experience was directly applicable to professional landscape architectural work; and

(C) the work was performed according to industry standards; and

(3) the signature, date and seal of the professional landscape architect who served as the applicant's mentor.

(j) An applicant who completes a mentoring program under (h) of this section must submit a final report that includes a statement from the professional landscape architect who served as the mentor recommending the applicant for registration under AS 08.48 and this chapter.

(k) Upon submission of evidence of graduation from an LAAB accredited curriculum in landscape architecture, an applicant for examination as a landscape architect may sit for the examination as early as can be scheduled after graduation. (Eff. 11/13/99, Register 152; am 9/11/2004, Register 171; am 8/19/2006, Register 179; am 5/4/2013, Register 206; am 5/5/2023, Register 246; am ____/____/_____, Register _____)

Authority: AS 08.48.101 AS 08.48.171 AS 08.48.181

12 AAC 36.185. USE OF SEALS.

(f) [AN ELECTRONIC IMAGE OF A SIGNATURE MAY BE USED ON THE SEAL IF THE REGISTRANT OR THE OWNER OF THE DOCUMENTS RETAINS AN ORIGINAL COPY OF THE DOCUMENTS, ACCESSIBLE FOR LATER REFERENCE, THAT HAS] A sealed document(s) shall have either

- (1) an original [HAND] handwritten signature over [THE] each seal; or
- (2) [SOFTWARE IN PLACE THAT WILL AUTOMATICALLY REMOVE OR MODIFY THE ELECTRONIC IMAGE OF THE SIGNATURE IF THE DOCUMENT IS MODIFIED.]

Repeal and replace w/

an electronic image of the handwritten signature and a digital signature that together represent the act of the registrant attesting to the seal's validity.

(a) The electronic image must be permanently affixed to each seal in the document(s) directly over the seal of the registrant;

(b) The digital signature must be:

- (1) Unique to the registrant using it;
- (2) Capable of verification;
- (3) Under the exclusive control of the registrant using it; and
- (4) Linked to a document in such a manner that the digital signature is invalidated if the document is changed.

Add:

(j) Sealed documents shall be retained by the registrant or the owner of the document(s) and accessible for later reference.



Designing in Alaska

August 28, 2023



- AEELS Board Information
- Overlap and Limitations of Disciplines
- RFP's: When Licensure is Required
- Q & A



AELS Board 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.



AELS Board Functions

- Reviews applicants for licensure by testing or comity
- Authorizes corporations to practice
- Adopts regulations regarding licensure and the practice of engineering, architecture, land surveying, and landscape architecture
- Suggests statute changes to the Legislature
- Establishes a code of ethics
- Establishes Continuing Professional Competency Requirements
- Can revoke or suspend a registration



Society for Marketing Professional Services (SMPS)

What services does SMPS provide?

How does it benefit the design professions?



AELS Board Make-up

- Established by Statute – AS 08.48.011
- Consists of:
 - Two architects
 - Two civil engineers
 - Two land surveyors
 - One mining engineer (or petroleum or chemical)
 - One electrical or mechanical engineer (currently electrical)
 - One engineer from any discipline (currently environmental)
 - One landscape architect
 - One public member
- Listing of Board members is the only mention of engineering disciplines in Statute
 - The fifteen registrations offered are set by regulation



Licensure

- Licensure is required to protect the health, safety, and welfare of the public
- Used to ensure a minimum competency of those practicing engineering
- It is NOT to be used to limit competition
- Licensure is based on...

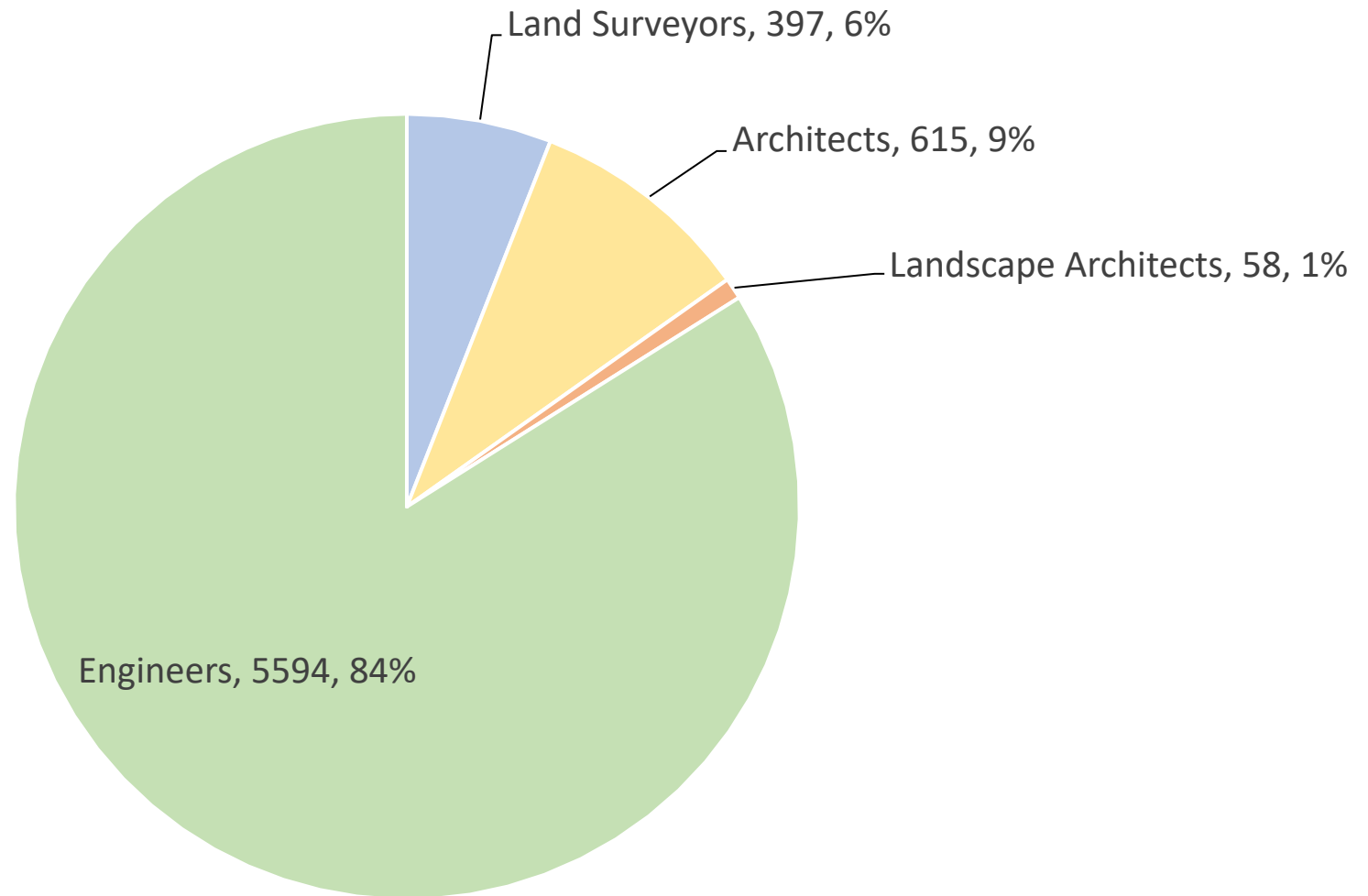
EDUCATION --- EXPERIENCE --- EXAMINATION



Engineering Disciplines – 12 AAC 36.990 (17)

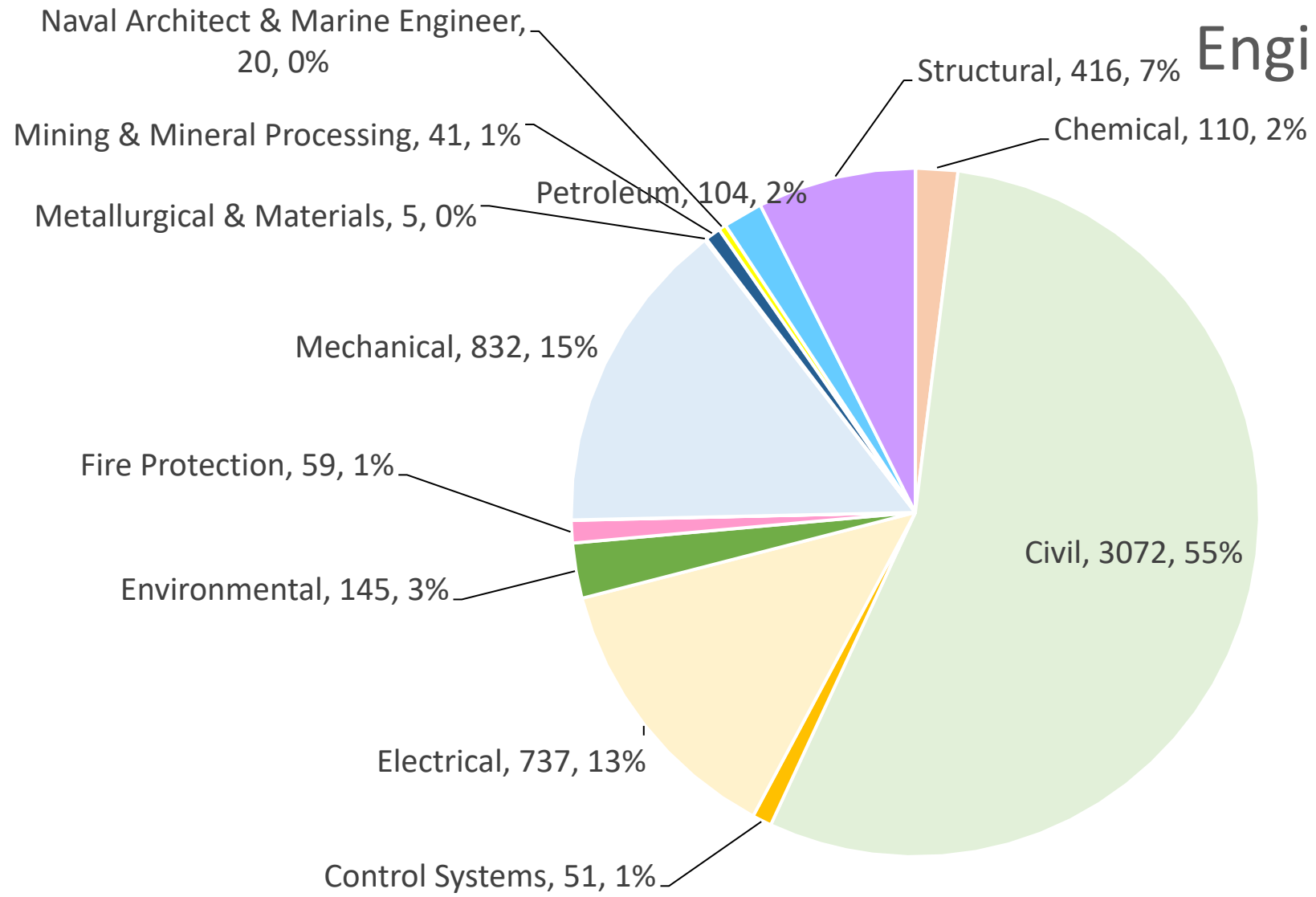
- agricultural engineering
- chemical engineering
- civil engineering
- control systems engineering
- electrical engineering
- environmental engineering
- fire protection engineering
- industrial engineering
- mechanical engineering
- metallurgical and materials engineering
- mining and mineral processing engineering
- naval architecture and marine engineering
- nuclear engineering
- petroleum engineering
- structural engineering

AELS Registrants



Total AELS Registrants: 6664

Engineers by Discipline



Not shown on pie chart:
Agricultural 1
Industrial 1

Total Engineers 5594



Overlap and Limitations of Disciplines - Sealing

Sec. 08.48.221. Seals. (a) Each registrant may obtain a seal of the design authorized by the board, bearing the registrant's name, registration number, and the appropriate legend for architect, engineer, land surveyor, or landscape architect. When a registrant issues final drawings, specifications, surveys, plats, plates, reports, or similar documents, the registrant shall stamp the documents with the seal and sign the seal. The board shall adopt regulations governing the use of seals by the registrant. An architect, engineer, land surveyor, or landscape architect may not affix or permit a seal and signature to be affixed to an instrument after the expiration of a certificate or for the purpose of aiding or abetting another person to evade or attempt to evade a provision of this chapter. **The registrant, by sealing and signing the document, certifies that the document was prepared by or under the registrant's responsible charge and is within the registrant's field of practice or is design work of minor importance.**

(b) **Final drawings, specifications, surveys, plats, plates, reports, or similar documents containing the work of multiple fields of practice shall be sealed and signed by a registrant in each field of practice covered by the document. The registrant shall certify on the face of the document the extent of the registrant's responsibility for all work prepared under the registrant's seal.**



Overlap and Limitations of Disciplines - Sealing

Sec. 08.48.341. Definitions

(7) “design of minor importance” means work that is incidental to the discipline of a registrant and is within the experience of the registrant, but does not include comprehensive design services of any particular building type, structure, building system, engineering system, or site development

12 AAC 36.205 Scope of Practice for Engineers

A person who holds a current certificate of registration as an engineer in the state may practice in that branch or branches of engineering, as defined in 12 AAC 36.990(a), for which the engineer holds a registration, even if the engineering practice includes activities that are included in another branch of engineering defined in 12 AAC 36.990(a).



Before bidding on jobs, check to see...

that the firm you own or work for has a Certificate of Authorization with AELS.

Sec. 08.48.241. Corporations, limited liability companies, and limited liability partnerships. (a) This chapter does not prevent a corporation, limited liability company, limited liability partnership or limited partnership from offering architectural, engineering, land surveying, or landscape architectural services; however, the corporation, limited liability company, limited liability partnership or limited partnership shall file with the board



Overlap and Limitations of Disciplines

Practice of Architecture

Sec 08.48.331 (13)

“practice of architecture” means professional service or creative work in the design of buildings, the teaching of advanced architectural courses in institutions of higher learning, consultation, investigation, evaluation, planning, design, and professional observation of construction of public or private buildings, works, or projects, and architectural review of drawings and specifications by regulatory agencies; “practice of architecture” may by regulation of the board include mechanical, electrical, or structural design of minor importance;

Practice of Engineering

Sec 08.48.331 (14)

“practice of engineering” means professional service or creative work, the adequate performance of which requires the specialized knowledge of applied mathematics and sciences, dealing with the design of structures, machines, equipment, utilities systems, materials, processes, works, or projects, public or private; the teaching of advanced engineering courses in institutions of higher learning; the direction of or the performance of engineering surveys, consultation, investigation, evaluation, planning, and professional observation of construction of public and private structures, works, or projects and engineering review of drawings and specifications by regulatory agencies; “practice of engineering” may by regulation of the board include architectural building design of minor importance, but it does not include comprehensive architectural services;



Overlap and Limitations of Disciplines

Practice of Landscape Architecture

Sec 08.48.331 (16)

“practice of landscape architecture” means professional services or creative work in the design of landscape, the adequate performance of which requires the specialized knowledge of applied mathematics and physical and social sciences; consulting on, evaluating, planning, and designing public and private landscape architecture projects; the teaching of advanced landscape architectural courses in institutions of higher learning; consultation and the direction or performance of preparing, filing, and administering related plans, drawings, specifications, permits, and other contract documents involving projects that direct, inform, or advise on the functional use and preservation of natural and built environments; the review of drawings and specifications by regulatory agencies; and minor architectural and engineering design work as authorized by the board under AS 08.48.101(a)(7)



Overlap and Limitations of Disciplines

Practice of Land Surveying

Sec 08.48.331 (15)

“practice of land surveying” means the teaching of land surveying courses at an institution of higher learning, or any service or work the adequate performance of which involves the application of special knowledge of the principles of mathematics, the related physical and applied sciences, and the relevant requirements of law for adequate evidence of the act of measuring and locating land, geodetic and cadastral surveys for the location and monumentation of property boundaries, for the platting and planning of land and subdivisions of land, including the topography, alignment, and grades for streets, and for the preparation and perpetuation of maps, record plats, fieldnote records and property descriptions that represent these surveys;

Civil Engineering

12 AAC 36.990 (4)

"civil engineering" means the branch of professional engineering that embraces studies and activities relating to research, design, and construction of fixed works, other than significant structures, for irrigation, drainage, waterpower, water supply and treatment, flood control, inland waterways, harbors, municipal improvements, railroads, highways, tunnels, airports and airways, sewerage, refuse disposal, foundations, structures, and bridges, and the organizational and economic aspects of these studies and activities;



Overlap and Limitations of Disciplines

Civil Engineering

12 AAC 36.990 (4)

"civil engineering" means the branch of professional engineering that embraces studies and activities relating to research, design, and **construction of fixed works, other than significant structures**, for irrigation, drainage, waterpower, water supply and treatment, flood control, inland waterways, harbors, municipal improvements, railroads, highways, tunnels, airports and airways, sewerage, refuse disposal, foundations, structures, and bridges, and the organizational and economic aspects of these studies and activities;

Structural Engineering

12 AAC 36.990 (42)

"structural engineering" means the branch of professional engineering that embraces the studies and activities relating to the investigation, evaluation, analysis, design and construction of buildings, bridges, and other structures such as walls, columns, slabs, beams, trusses, or similar members requiring force-resisting and load bearing members and their connections, or similar members used singly or as a part of a larger structure, and the organizational and economic aspects of these studies and activities;



Overlap and Limitations of Disciplines

Significant Structures

12 AAC 36.990 (44)

"significant structures" means

(A) hazardous facilities; in this paragraph, "hazardous facilities" means structures housing, supporting, or containing sufficient quantities of toxic or explosive substance to be of danger to the safety of the public if released;

(B) special occupancy structures; in this paragraph, "special occupancy structures" means

(i) buildings and other structures whose primary occupancy is public assembly with an occupant load greater than 300;

(ii) buildings and other structures containing an elementary school, secondary school, or day care facility with an occupant load greater than 250;

(iii) buildings and other structures containing adult education facilities, such as colleges and universities, with an occupant load greater than 500;

(iv) medical facilities with 50 or more resident, incapacitated patients;

(v) jails and detention facilities; and

(vi) all buildings or structures with an occupant load greater than 5,000

(C) essential facilities that have a ground area of more than 4,000 square feet and are more than 20 feet in mean roof height above average ground level; in this paragraph "essential facilities" means

(i) hospitals and other medical facilities having surgery and emergency treatment areas;

(ii) fire and police stations;

(iii) tanks or other structures containing, housing, or supporting water or fire suppression material or equipment required for the protection of essential or hazardous facilities or special occupancy structures;

(iv) emergency vehicle shelters and garages;

(v) structures and equipment in emergency preparedness centers;

(vi) standby power-generating equipment for essential facilities;

(vii) structures and equipment in government communication centers and other facilities requiring emergency response;

(viii) aviation control towers, air traffic control centers, and emergency aircraft hangars; and

(ix) buildings and other structures having critical national defense functions;

(D) structures exceeding 100 feet in height above average ground level;

(E) buildings that are customarily occupied by human beings and are four stories or 45 feet or more above average ground level; and

(F) bridges having a total span of more than 200 feet and piers having a surface area greater than 10,000 square feet;



Overlap and Limitations of Disciplines

Civil Engineering 12 AAC 36.990 (4)

"civil engineering" means the branch of professional engineering that embraces studies and activities relating to research, design, and construction of fixed works, other than significant structures, for irrigation, drainage, waterpower, water supply and treatment, flood control, inland waterways, harbors, municipal improvements, railroads, highways, tunnels, airports and airways, sewerage, refuse disposal, foundations, structures, and bridges, and the organizational and economic aspects of these studies and activities;

Environmental Engineering 12 AAC 36.990 (36)

"environmental engineering" means the branch of professional engineering that embraces studies and activities relating to wastewater, storm water, potable water, and water resources; ambient air, emissions sources, and control strategies; solid, hazardous, and special waste; environmental assessments, remediation, and emergency response and applicable codes, standards, regulations, guidelines; and the organizational and economic aspects of these studies and activities



Overlap and Limitations of Disciplines

Electrical Engineering

12 AAC 36.990 (8)

"electrical engineering" means the branch of professional engineering that embraces studies and activities relating to generation, transmission and utilization of electrical energy, fire detection and alarm systems, control systems, electronic systems, and to telecommunications systems and facilities, including the design of electrical, electronic and magnetic circuits and components, and the technical control of their operation and of the design of electrical, fire alarm gear, control, electronic and telecommunications gear, and the organizational and economic aspects of these studies and activities;

Fire Protection Engineering

12 AAC 36.990 (37)

"fire protection engineering" means the branch of professional engineering that embraces studies and activities relating to fire protection analysis, fire protection management, fire science and human behavior, fire protection systems, fire building systems, and the organizational and economic aspects of these studies and activities



RFPs: When Licensure is Required



Any questions for the AEELS Board regarding...

- The licensing process for an individual
- The licensing process for a firm
- Sealing statutes or regulations
- Definitions of disciplines
- Or any other AEELS subject matter

Records Retention & AEELS

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.

CHAPTER 36.
STATE BOARD OF REGISTRATION FOR ARCHITECTS, ENGINEERS,
AND LAND SURVEYORS

Highlighted sections are regulations that are not being changed because of SB126

1. 36.010 – adding 12AAC36.068(k) – due to Landscape Architects being able to apply to take the exam right out of college
2. 36.160 – repealed due to the division no longer printing license certificates

12 AAC 36.010. APPLICATIONS. (a) An application for examination or for registration by comity must be legible and filed with the board on a form prescribed by the board, accompanied by the application fee established in 12 AAC 02.110.

(b) An applicant will not be admitted to an examination or approved for registration until the applicant's qualifications are accepted by the board, the executive **administrator** [SECRETARY] of the board, or the board's designee.

(c) Except as provided in 12 AAC 36.060(a) **and 12 AAC 36.068(k)**, the board will approve an application for examination or for registration by comity if

- (1) the application form is complete;
- (2) the applicable fees have been paid; and
- (3) the board has verified, through all supporting documents, that the applicant meets the registration requirements under AS 08.48 and this chapter.

(d) Except as provided in 12 AAC 36.060(a) **and 12 AAC 36.068(k)**, the board, the executive **administrator** [SECRETARY] of the board, or the board's designee will give conditional approval of an application for examination or for registration by comity pending receipt of missing documents, payment of applicable fees for examination or registration, or other corrections to the application if the

- (1) application form is substantially complete and includes the applicant's notarized signature;
- (2) application fee has been paid;
- (3) board, executive **administrator** [SECRETARY] of the board, or the board's designee has determined that the applicant's qualifications as listed on the application form show that the applicant meets the registration requirements in AS 08.48 and this chapter;

(4) board, executive **administrator** [SECRETARY] of the board, or the board's designee has received all supporting documents required for board review of the application, as defined in (i) of this section; and

(5) board, executive **administrator** [SECRETARY] of the board, or the board's designee has determined that any missing supporting documents and the correction of other deficiencies in the application do not require board discretion to review and approve.

(e) If the board, the executive **administrator** [SECRETARY] of the board, or the board's designee gives conditional approval of an application, the board or person will write a statement of conditional approval; the statement will identify the missing supporting documents or other corrections required to complete the application; department staff shall change the conditional approval to "approval" when the missing documents and other corrections are received if the documents and corrections clearly show the information required by the board, executive **administrator** [SECRETARY], or board's designee in its statement of conditional approval; if the missing supporting documents or corrections received required interpretation or discretion, department staff shall resubmit the application to the board for approval.

(f) Except as provided in 12 AAC 36.060(a) **and 12 AAC 36.068(k)**, the board, the executive **administrator** [SECRETARY] of the board, or the board's designee will determine that an application is incomplete, and will notify the applicant, if the board, the executive **administrator** [SECRETARY] of the board, or the board's designee is not able to determine from the application form and supporting documents whether the applicant meets the registration requirements in AS 08.48 and this chapter.

(j) The board, the executive **administrator** [SECRETARY] of the board, or the board's designee may approve an application for licensure by comity only if credentials are submitted by NCEES, NCARB, or CLARB record.

Authority:	AS 08.01.050	AS 08.48.101	AS 08.48.191
	AS 08.48.055	AS 08.48.171	AS 08.48.201

12 AAC 36.103. ARCHITECT REGISTRATION BY COMITY. (a) Under AS 08.48.191(a), the board, the executive **administrator** [SECRETARY] of the board, or the board's designee may issue a certificate of registration as an architect to an applicant who

- (1) documents education and passage of the NCARB Architect Registration Examination;
- (2) documents work experience that satisfies the requirements of this section;
- (3) has completed the cold regions design requirements of 12 AAC 36.110; and

(4) has completed a jurisprudence questionnaire prepared by the board covering the provisions of AS 08.48 and this chapter.

12 AAC 36.105. ENGINEER REGISTRATION BY COMITY. (a) Under AS 08.48.191(b), the board, the executive administrator [SECRETARY] of the board, or the board's designee may issue an engineering certificate of registration to an applicant who

12 AAC 36.109. LANDSCAPE ARCHITECT REGISTRATION BY COMITY. (a) Under AS 08.48.191(d), the board, the executive administrator [SECRETARY] of the board, or the board's designee may issue a landscape architecture certificate of registration to an applicant who

12 AAC 36.112. TEMPORARY MILITARY COURTESY CERTIFICATE OF REGISTRATION. may not have been convicted of a crime that affects the applicant's ability to practice architecture, engineering, land surveying, or landscape architecture competently and safely, as determined by the board.

(c) The executive administrator [SECRETARY] or the executive administrator's [SECRETARY's] designee shall issue a temporary military courtesy certificate of registration under AS 08.01.063

Authority:	AS 08.01.062	AS 08.48.101	AS 08.48.171
	AS 08.01.063	AS 08.48.111	AS 08.48.191

12 AAC 36.135. REVIEW OF APPLICATION FOR CORPORATE, LIMITED LIABILITY COMPANY, [OR] LIMITED LIABILITY PARTNERSHIP, OR LIMITED PARTNERSHIP AUTHORIZATION. An applicant who meets the requirements established by the board in this section has demonstrated the necessary qualifications for a certificate of authorization for corporate, limited liability company, [OR] limited liability partnership, or limited partnership practice. An applicant who does not meet the requirements on this checklist or whose responses on the application form do not clearly show that the applicant is qualified to receive a certificate of authorization will not be issued a certificate unless the board further reviews the application and determines that the applicant meets the qualifications in AS 08.48.241 for a certificate of authorization. A certificate of authorization for corporate, limited liability company, [OR] limited liability partnership, or limited partnership practice will be issued to an applicant who submits

(1) a completed form for application that includes the

(A) name and address of the corporation, limited liability company, [OR] limited liability partnership, or limited partnership;

(B) type of architecture, engineering, land surveying, or landscape architecture practiced by the corporation, limited liability company, [OR] limited liability partnership, or limited partnership;

(C) name and current state registration number of the registrant who will be in responsible charge for the activities of the corporation, limited liability company, [OR] limited liability partnership, or limited partnership in this state of each branch of practice requiring registration under AS 08.48;

(D) names of the majority stockholders of the corporation, the names of the members holding a majority interest of a limited liability company, or the names of the partners of a limited liability partnership or limited partnership; and

(E) signature and title of an agent authorized by the corporation, limited liability company, [OR] limited liability partnership, or limited partnership, to apply for corporate, limited liability company, [OR] limited liability partnership, or limited partnership authorization under this chapter;

(2) the corporation, limited liability company, [OR] limited liability partnership, or limited partnership certification fee in 12 AAC 02.110;

(3) a certified copy of a resolution of the board of directors of the corporation, the managing members or manager of the limited liability company, or the general partners of the limited liability partnership or limited partnership that

(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, or limited partnership for work performed by the corporation, limited liability company, [OR] limited liability partnership, or limited 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 or limited 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, **or limited partnership**. This does not relieve the individual or individuals in responsible charge from responsibility for the work delegated to the other employee;
- (4) a copy of the bylaws of the corporation, the articles of organization or operating agreement of the limited liability company, or the partnership agreement of the limited liability partnership **or limited partnership** showing that the corporation, limited liability company, [OR] limited liability partnership, **or limited partnership** has complied with the requirements in AS 08.48.241(b)(1);
- (5) repealed 8/19/2006;
- (6) a statement of the experience of the corporation, limited liability company, [OR] limited liability partnership, **or limited partnership** in each field of practice of architecture, engineering, land surveying, or landscape architecture during the five years before the date of application;
- (7) a certified statement on a form provided by the board, stating that each licensee designated in responsible charge for each branch of practice acknowledges and agrees to that designation by the corporation, limited liability company, [OR] limited liability partnership, **or limited partnership**; the statement must include each responsible charge licensee's
- (A) state registration number;
- (B) registration expiration date;
- (C) professional seal; and
- (D) signature.

Authority: AS 08.48.101 AS 08.48.241

12 AAC 36.145. ARCHITECTURAL, ENGINEERING, OR SURVEYING OFFICES.

(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, **limited partnership** or governmental agency.

Authority: AS 08.48.101 AS 08.48.111 AS 08.48.221

[12 AAC 36.160. DUPLICATE CERTIFICATE. A DUPLICATE CERTIFICATE WILL BE ISSUED BY THE DEPARTMENT UPON WRITTEN REQUEST AND PAYMENT OF THE DUPLICATE LICENSE FEE ESTABLISHED IN 12 AAC 02.105.

AUTHORITY: AS 08.01.065 AS 08.48.101 AS 08.48.265]

Repeal

[12 AAC 36.160. DUPLICATE CERTIFICATE] A DUPLICATE CERTIFICATE WILL BE ISSUED BY THE DEPARTMENT UPON WRITTEN REQUEST AND PAYMENT OF THE DUPLICATE LICENSE FEE ESTABLISHED IN 12 AAC 02.105.

AUTHORITY: AS 08.01.065 AS 08.48.101 AS 08.48.265]

12 AAC 36.165. EXPIRED CERTIFICATES. (a) A certificate of registration or corporate, limited liability company, [OR] limited liability partnership, **or limited partnership** authorization that is not renewed for a period of five years expires at the end of that period.

(c) An expired certificate of corporate, limited liability company, or limited liability partnership authorization may not be reinstated. A corporation, limited liability company, [OR] limited liability partnership, **or limited partnership** whose certificate of corporate, limited liability company, or limited liability partnership authorization has expired must apply for a new certificate of corporate, limited liability company, or limited liability partnership authorization under AS 08.48.241. (d) Repealed 1/20/2002.

Authority: AS 08.01.100 AS 08.48.231 AS 08.48.241
AS 08.48.101

12 AAC 36.185. USE OF SEALS.

(e) The registrant shall include on all documents that are required to be signed and sealed

(1) its business name, physical address, and telephone number;

(2) the project name or identification;

(3) the project address or location; and

(4) the certificate of authorization number issued to the corporation, limited liability company, [OR] limited liability partnership, **or limited partnership** to practice architecture, engineering, land surveying, or landscape architecture, if applicable.

(f) On documents where multiple entities that are authorized to practice architecture, engineering, land surveying, or landscape architecture are indicated, the registrant shall clearly identify the sole proprietor, partnership,

corporation, limited liability company, limited liability partnership, **limited partnership**, or other authorized entity responsible for the work.

12 AAC 36.200. ETHICAL STANDARDS. (a) In order to establish and maintain a high standard of integrity, skill, and practice in the professions of architecture, engineering, and land surveying, or landscape architecture, and to safeguard the life, health, property, and welfare of the public, 12 AAC 36.200 - 12 AAC 36.245 are binding upon every individual holding a certificate of registration as an architect, engineer, land surveyor, or landscape architect, and upon all partnerships, corporations, limited liability companies, [OR] limited liability partnership, **or limited partnership**, or other legal entities authorized to offer or perform architectural, engineering, land surveying, or landscape architectural services in this state.

12 AAC 36.990. DEFINITIONS. (a) For the purposes of this chapter and AS 08.48, unless the context requires otherwise

(18) "registrant" means an individual architect, engineer, land surveyor, landscape architect, corporation, limited liability company, [OR] limited liability partnership, **or limited partnership**, registered or issued a certificate of authorization under this chapter;

Aug 28, 2023

Policy regarding Delegation of Authority for review of Comity applications:

The AELS Board delegates authority to its Executive Administrator to review applications for Comity licensure for architects, engineers and landscape architects that clearly meet the requirements for licensure as provided in program statutes, and regulation, and under the following conditions:

1. Applicant has submitted a complete application, including payment of applicable fees.
2. Applicant holds an NCARB Council Certificate (architects), CLARB Council Record (landscape architects) or NCEES Record (engineers and land surveyors) that has been transmitted to the Board by the applicable organization indicating that all applicable conditions of education, experience, and examination have been satisfied. **Engineer applicants NCEES record must have a MLE or MLSE designation and land surveyor applicants NCEES record must have a MLS designation.**
3. The applicant's application and NCARB/NCEES/CLARB record do not have any "Yes" answers on professional fitness matters.
4. The information provided by the applicant does not include the following irregularities or inconsistencies that require Board review and/or interpretation:
 - a. Verifier is not licensed in same discipline the applicant is applying for
5. **Staff verifies 3-5 from the reference page. – Staff suggestion**
6. For issues of licensure, the applicant has successfully completed the Jurisprudence Questionnaire, cold regions design course, and the AKLS for land surveyors.
7. Staff will create a spreadsheet of the applications reviewed (and licenses issued) for board review at the next regularly scheduled board meeting. The names of applications approved for licensure and issuance of such license will be noted in the record of the regular board meeting following approval.
8. Staff will upload the completed applications to Onboard for board members to review for a two-week duration. If no objections have been made, staff will issue license if applicant is eligible. Apps need to be in by the 10th of each month. Apps will be uploaded into Onboard and email sent to board members by the 16th of each month.



NCEES

<https://ncees.org/ncees-services/records-program/>

MODEL LAW ENGINEER (MLE)

- ✓ Earn a bachelor's degree in engineering from an EAC/ABET-accredited program.
- ✓ Gain four years of acceptable engineering work experience.
- ✓ Pass the FE and PE exams.
- ✓ Maintain a clean disciplinary record.

MODEL LAW STRUCTURAL ENGINEER (MLSE)

The MLSE is an additional designation in the NCEES Records program and can be acquired through application in the existing Record holder account for qualifying individuals. The fee to apply is \$50.

If you are an existing NCEES Record holder, you may **apply for MLSE**.



- ✔ Earn a bachelor's or master's degree in engineering from an EAC/ABET-accredited program.
- ✔ Pass a minimum of 18 semester hours of structural analysis and design courses, of which at least 9 are structural design courses.
- ✔ Pass the FE exam and one of the following:
 - ✔ 16 hours of NCEES structural exams, 8 hours of which are the Structural II exam taken prior to January 1, 2011
 - ✔ 16-hour state-written structural exams taken prior to 2004
 - ✔ NCEES Structural II exam plus 8-hour state-written structural exams taken prior to January 1, 2011
 - ✔ PE Structural exam taken after January 1, 2011
- ✔ Gain four years of acceptable structural engineering work experience.
- ✔ Maintain a clean disciplinary record.

MODEL LAW SURVEYOR (MLS)

- ✔ Earn a bachelor's degree in surveying from an ABET-accredited program.
- ✔ Gain four years of acceptable surveying work experience.
- ✔ Pass the FS and PS exams.
- ✔ Maintain a clean disciplinary record.

Alaska Professional Boards: Summary of Meeting Length

Board	regular mtgs per yr	special mtgs	mtg lentgh (days)	FY22 Total Licensees
Barbers & Hairdressers	4		1	7,504
Big Game Guides	2		1	
	2		2	1,635
Chiropractic Board	4		1	381
Dental Examiners	4		1	3,030
Marine Pilots	4		1	146
Massage Therapists	2		1	
	2		2	1,402
Medical Board	4	several	1	8,259
Pharmacy	2	several	1	
	2		2	6,548
Midwives	4	several	1	47
Marital & Family Therapy	4		1	142
Optometry	4		1	232
Physical Therapy/Occ Therapy Examiners	2		1	
	2		2	2,179
Real Estate Appraisers	4		1	390
Real Estate Commission	4		1	4,062
Social Work Examiners	3		1	
	1		2	1,175
Vetrinary Examiners	4		1	815
Nursing	4		2	28,173
Professional Counselors	4		2	1,677
Psychologists/Psych Aossicate Examiners	4		2	405
Public Accountancy	4		2	1,857
AELS	4	1-2	2	8,112

Msg from Sara Chambers: I don't see a lot of committee meetings on the board meeting calendar or in OPN, but I don't think most boards have a lot of them. AELS has the most committees, with PHA and REC possibly near the top. All boards have some level of non-meeting work, such as preparing for upcoming meetings, working on any manner of projects the board has in progress, and serving as reviewing board members on cases.



THE STATE
of **ALASKA**
GOVERNOR MIKE DUNLEAVY

Department of Transportation and
Public Facilities

OFFICE OF THE COMMISSIONER
Ryan Anderson, P.E., Commissioner

PO Box 112500
Juneau, Alaska 99811-2500
Main: 907.465.3900
dot.alaska.gov

RECEIVED
Juneau

MAY - 9 2023

CBPL

April 17, 2023

AELS Board
State Office Building
P.O. Box 110806
Juneau, AK 99811-0806

Dear Chair Johnston and AELS Board Members,

The Alaska Department of Transportation and Public Facilities (DOT&PF) employs the largest group of public engineering professionals in the State of Alaska with stewardship over 851 state-owned bridges.

To strengthen Alaska's workforce and help promote economic vitality, one of the Governor's priorities is advancing the ability of licensed professional to work in Alaska. Our state's competitive standing in this regard is threatened by a policy decision that the AELS board can review and change, and in so doing, allow Alaska to attract and retain qualified engineers in this difficult workforce environment. The requirement for certain bridges and docks to be designed by engineers with a Structural Engineer (SE) license is an unnecessary barrier to entry that affects DOT&PF staff and our consultants. The number of licensed SEs has decreased as "grandfathered" engineers retire, and developing engineers are not filling their places in the public or private sector. New NCEES 21-hour SE exam requirements will significantly increase the time and cost needed for licensure, further discouraging civil engineers from entering this specialized field. As public and private entities grapple with recruitment and retention challenges in this ever-evolving workforce, particularly in the wake of post-COVID-19 changes, we must all enact practical solutions that keep Alaska competitive and accountable.

The safety of Alaska's bridges benefit from comprehensive federal requirements for bridge design and strict oversight from our federal funding partners. Similarly, there are federal requirements that mandate in-service inspection of bridges every two years. This may differ from the building industry with a patchwork of state and local oversight from regulatory authorities. Unlike buildings which may be constructed by private parties, the vast majority of bridges designed and constructed in the state are under the jurisdiction of federal, state or local governments.

Only three other states in the country require an SE license to design bridges, Washington, Hawaii, and Illinois. Two other states with SE licensure explicitly exclude bridge design from their SE license requirements, Nevada and Oklahoma. Requiring an SE license to perform work that only requires a PE license in forty-six other states is a barrier to entry in attracting talented and skilled professionals to Alaska's workforce. The DOT&PF is already facing tremendous competitive pressures nationally from teleworking options, demographic changes, and overall

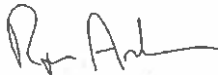
"Keep Alaska Moving through service and infrastructure."

applicant shortages. As such, the department is seeking any reasonable and responsible measures to avoid critical staffing shortages that would threaten our mission of "*Keeping Alaska Moving.*"

To that end, we respectfully request that you remove 12 AAC 36.990(44)(F) from the AELS regulations.

Sincerely,

DocuSigned by:



Ryan Anderson, PE
Commissioner

cc: The Honorable Mike Dunleavy, Governor, State of Alaska
The Honorable Gary Stevens, Senator, Alaska State Senate
The Honorable Cathy Tilton, Representative, Alaska House of Representatives

Paul L. Davis, Jr. P.E.
6603 Cypress Village Drive
Sugar Land, TX 77479
Tel: 281-450-2710
Alaska License No. 114902
July 20, 2023

Board of Directors
Alaska State Board of Registration for Architects, Engineers, and Land Surveyors
550 W 7th AVE STE 1500
Anchorage, AK 99501-3567
Tel: 907-269-8160

Subject: Engineering Documents Not Requiring Seals

Dear Board of Directors:

I have several questions on what engineering work products* do not have to be sealed.

1. Are there any types of engineering work products that are final issues and released from the control of the engineer with responsible charge that do not require sealing or stamping other than red-lined As-builts? In my experience, many engineering companies, particularly U.S. based engineering companies, seal only a small subset of their engineering work products.
2. Beginning on page 19 of the AELS Guidance Manual is a section entitled "GUIDELINE FOR CONSTRUCTION DRAWINGS". On p. 21 under Electrical System, can you confirm that these lists of deliverables are for buildings and do not imply that these are the only drawings that need to be sealed in an oil, gas, or mining processing facility? This section appears to be applicable to occupied buildings and does not encompass all the engineering work products needed to build and operate heavy industrial process facilities. Ref: [Guidance Manual \(alaska.gov\)](https://alaska.gov/guidance-manual)
3. Control systems engineers issue many deliverables FOR DESIGN (IFD). Examples are control narratives and Cause & Effects that programmers use to create software. This software controls facilities and protects assets, people, and the environment. Since these are the documents that are used to "construct" the software, shouldn't these be sealed? Some project managers are requiring these programming documents to be issued for construction (IFC) after these are issued for IFD. My point is for programming we really don't issue for construction; we issue for design. Otherwise, an IFC issue after an IFD issue is like issuing sealed IFC drawings for a road after it is built.

I have served on the NCEES Control Systems Exam Committee since 1996 so I know the subject matter that is contained in the Control Systems P.E. licensing exams. The exam content contains what the NCEES Professional Activities and Knowledge (PAKS) <https://ncees.org/ncees-seeks-licensed-control-systems-engineers-online-survey/> committee considers engineering. Page 13 of the Alaska Guidance Manual does contain the subject areas that are on the CS exams.

*Typical Control Systems Engineering Work Products

By engineering work products, I mean any engineering deliverable that meets the definition of engineering as defined in AS 08.48.341 Definitions, paragraph (14). My definition of deliverables includes but is not limited to creative works that may be referred to as drawings, sketches, diagrams, Boolean logic diagrams, function block diagrams, calculations, studies, reports, riser diagrams, SAMA drawings, earthing drawings, patch panel schedules, system architecture drawings or diagrams, network diagrams, schedules if used to list items and not to determine dates and durations, Alarm Rationalization studies, Safety Integrity Calculations for safety system availability and minimum time between testing, relay ladder logic diagrams, hazardous facility shutdown diagrams, wire lists which specify the electrical performance requirements of electrical wire, ethernet cables and fiber optic cables, cybersecurity safety assessments with recommendations that impact hardware, software, and operating procedures and safeguards, safety equipment testing procedures, pipeline leak detection systems studies, control narrative documents that describe how facility operators are to use the automation control systems to control facilities such as oil and gas separation and mining processes.

Sincerely,

Paul L. Davis, Jr. P.E.

Paul L. Davis, Jr. P.E.

Appendix A – Relevant Sections of Alaska Regulations

The following are relevant excerpts from the Alaska Statutes and Administrative Codes. I have denoted omitted text by the use of ellipsis (.....). I have also substituted the word deliverables in italics to take the place of the text “drawings, specifications, surveys, plats, plates, reports, or similar document”. I originally composed this letter in October 2021 using the year 2020 regs. The hyperlinks are still valid for the latest version of the statutes and regulations.

Alaska Statutes 2020

AS 08.48.221 Seals [Alaska Statutes 2020 \(akleg.gov\)](https://legis.alaska.gov/statutes/08/08.48.221)

Sec. 08.48.221. Seals.

(a) Each registrant may obtain a seal of the design authorized by the board, bearing the registrant's name, registration number, and the legendRegistered Professional Engineer,...**When a registrant issues final drawings, specifications, surveys, plats, plates, reports, or similar documents, the registrant shall stamp the documents with the seal and sign the seal.** The board shall adopt The registrant, by affixing the registrant's seal to final (*deliverables*),... and by signing the seal, certifies that the documents were prepared by or under the registrant's direct supervision, are within the registrant's field of practice, or constitute design work of minor importance.

(b) **Final (*deliverables*) ...containing the work of multiple fields of practice shall be sealed and signed by a registrant in each field of practice covered by the document.** The registrant shall certify on the face of the document the extent of the registrant's responsibility for all work prepared under the registrant's seal. When certifying design work of minor importance, the registrant shall identify that work on the document near the registrant's seal and take responsibility for all work prepared under the registrant's seal.

Sec. 08.48.241. Corporations, limited liability companies, and limited liability partnerships. [Alaska Statutes 2020 \(akleg.gov\)](https://legis.alaska.gov/statutes/08/08.48.241)

(h) ***Deliverables*** when issued in connection with work performed by a corporation, limited liability company, or limited liability partnership under its certificate of authorization, **shall be prepared by or under the responsible charge of and shall be signed by and stamped with the official seal of a person holding a certificate of registration under this chapter.**

Sec. 08.48.341. Definitions. In this chapter [Alaska Statutes 2020 \(akleg.gov\)](https://legis.alaska.gov/statutes/08/08.48.341)

(14) “**practice of engineering**” means professional service or creative work, the adequate performance of **which requires the specialized knowledge of applied mathematics and sciences, dealing with the design of structures, machines, equipment, utilities systems, materials, processes, works,** or projects, public or private; the teaching of advanced engineering courses in institutions of higher learning; the direction of or the performance of engineering surveys, consultation, investigation, evaluation, planning, and professional observation of construction of public and private structures, works, or projects and engineering review of drawings and

specifications by regulatory agencies; “practice of engineering” may by regulation of the board include architectural building design of minor importance, but it does not include comprehensive architectural services;

(20) “responsible charge” means the direct control and personal supervision of work.

12 AAC 36.185. USE OF SEALS.

[Alaska Admin Code \(akleg.gov\)](http://akleg.gov)

(3) seal only final *deliverables* and required construction documents for which the registrant is qualified to seal and for which the registrant claims responsibility.

Article 2 **Code of Professional Conduct**

[Alaska Admin Code \(akleg.gov\)](http://akleg.gov)

12 AAC 36.210. Professional conduct

(2) must, if the registrant's professional judgment is overruled creating circumstances in which the safety, health, property, and welfare of the public are endangered, notify his or her employer, client, and other proper authority of the situation and possible consequences as may be appropriate.

(6) shall inform the board if he or she has knowledge or reason to believe that another person or firm might be in violation of [AS 08.48](#), or a regulation adopted under it, and shall cooperate with the board by furnishing all further information or assistance required;

(b) If, in the course of a registrant's work on a project, the registrant becomes aware of a decision made by his or her employer or client, against the registrant's advice, which violates applicable state or **municipal building laws** and as a result of which the finished project will, in the registrant's judgment, materially and adversely affect the safety of the public, the registrant shall (1) report the decision to the local building inspector or other public official charged with the enforcement of the applicable state or municipal building laws; and (2) refuse to consent to the decision.

(f) The board will, in its discretion, suspend a registration or certificate for up to one year in cases of misconduct which caused no undue harm

(4) "misconduct" means the failure to perform a registrant's responsibilities according to [AS 08.48](#) and this chapter if the failure does not constitute gross negligence.

From: [Sava White](#)
To: [Board of AELS \(CED sponsored\)](#)
Subject: 12.AAC 36.145 "regularly employed" needs revision
Date: Saturday, July 29, 2023 10:47:33 AM

You don't often get email from savawhite@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.

Hello Board,

I would like to suggest a revision to the terminology used in Section 12 AAC 36.145, specifically the phrase "regularly employed", which is currently defined as being in the office for at least 20 hours per week.

12 AAC 36.145(c)(1) "regularly employed" means in the office at least 20 hours per week;

I propose that the term "regularly employed" be replaced with "substantially involved",

- "Substantially involved" to mean; maintains full access to office files (physical AND digital) related to the services offered by the registrant's discipline, and maintains [regular, documented,] involvement in the entity's drawings, specifications, reports, or other professional work of the registrant's discipline.

The aim of this proposed language is to ensure the registrant is fully aware and involved in any professional work related to their service, whether that work is conducted in the office or remotely. Simply put, the intent of the new language is that the registrant needs to be able to see anything related to the registrant's service that goes out the door, and they must be aware of all drawings, specifications, reports, or other professional work performed by that entity which relates to the registrant's service. They must have access to all physical and digital drawings, specifications, reports, or other professional work related to the registrant's discipline. The term, physical, will require registrant access to the physical office. Digital will allow the registrant access to the entity's files remotely. The term [regular, documented] is slightly ambiguous, but allows the Board certain leeway in any audits performed. In effect, an entity needs to show that registrant has involvement in things that go out the door (these can be emails, etc. that show communication which demonstrates direct knowledge and supervisory control of the employees of that office).

Therefore, revised section 12 AAC 36.145 will read:

(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~~ **"substantially involved"** 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~~ **"substantially involved"** by the entity

(c) For the purposes of this section,

(1) ~~"regularly employed" means in the office at least 20 hours per week;~~ **"substantially involved" to mean; maintains full access to office files (physical AND digital) related to the services offered by the registrant's discipline, and maintains [regular, documented,] involvement in the entity's drawings, specifications, reports, or other professional work of the registrant's discipline.**

(2) "entity" means a sole practitioner, partnership, corporation, limited liability company, limited liability partnership, or governmental agency.

New language will hopefully prevent or allow the following:

Needs to prevent:

- Figurehead persons who delegate authority to a person of trust, for example, a semi-retired professional who entrusts a non-licensed/junior engineer/architect with reviewing and approving documents on his behalf, and only gets the registrant involved in matters that he deems necessary for his involvement.
- Entities (in-state or out-of-state) that temporarily employ a de jure registrant in order to seek, advertise, and/or obtain work within the state. This occurs frequently where an out-of-state engineering/architecture attempts to hire a local licensed engineer/architect to review and stamp drawings and calculations that they've previously prepared. This may be allowable, however, there have been cases where out-of-state entities attempt to hire a known larger engineering/architecture firm in Alaska, have been declined by the local firm due to tight schedules. The out-of-state entity then seeks out freshly minted engineer/architects and bullies them to perform cursory reviews of documents/calcs in order to meet a client's schedule. After which the registrant gets dropped.
- Freelance work that interferes or conflicts with a registrant's work performed for an entity that they are employed by. Cannot have a registrant seek out clients denied by the entity due to small scope of work or budget, then the registrant reaches out to the denied client and offers to perform work as a freelancer for a better rate or schedule (Section 12 AAC 36.210 - Professional conduct already covers this).

Needs to allow:

- Remote work (for example, a semi-retired professional who no longer can or wants to commute to a physical office, but still maintains involvement in documents, meetings, bidding, etc.)
- Registrants of an entity to maintain a sole-proprietorship (freelance work). The side-gig needs to be disclosed to any employer, and any conflicts of interest must be disclosed between both entities (Section 12 AAC 36.210 - Professional conduct already covers this).
- Variations in workload, if work slows down registrant isn't required to be in the office 20 hours per week.

I hope the Board will consider this proposal for the improvement and clarification of the language in Section 12 AAC 36.145.

Sava White
907-299-1286

savawhite@gmail.com

(Investigative Committee Meeting

DATE: August 08, 2023, 12:00pm

Attendees:

Billy Holmstead

Erika Prieksat

Patrick Kase

Sara Neal

Ed Leonetti

Elizabeth Johnston

Brent Cole

Jake Maxwell (excused)

Agenda:

- Review Mr. Robertson's email
- Discipline Matrix – attached (not for public record – includes precedent cases)
- Reviewing 3 top discipline complaint types for ideas for newsletter

RE: Mr. Robertson email - Case was initiated in 2020.

Board members present: Ed Leonetti, Brent Cole, Elizabeth Johnston

Staff present: Sara Neal, Erika Prieksat, Billy Homestead, Patrick Kase

On a Motion made by Elizabeth Johnston for AELS Investigative Advisory Committee to enter executive session in accordance with AS 44.62.310 C. 2 and 3, and the Alaska constitutional right to privacy provisions for the purpose of reviewing Roy Robertson's email, seconded by Brent Cole and approved unanimously, it was:
RESOLVED to enter Executive Session.

After Executive Session, the committee identified three concerns regarding the issues raised in the email:

1. That the AELS case is being reviewed in a timely manner, in accordance with AELS's statutes, regulations and Department policy.
 - a. The department confirmed that the case is progressing in a timely manner and in accordance with AELS statutes, regulations and policy. Department policy is to resolve a case within 180 days.
2. That the AELS investigative review process is evaluating the AELS case to ensuring the general public is not in danger and that the person being investigated is adhering to state statutes and protecting the health safety and welfare of the general public while the AELS case is ongoing.
 - a. The Department explained that they are reviewing the AELS case and due to the matter being an open matter they cannot discuss details related to the matter but noted that information discovered during the complaint process can drastically extend the length of the investigation. Interested parties will have an opportunity to complete a public records request once the matter is resolved and obtain additional information related to the specific case in question.
 - b. Furthermore - When there are allegations to the main complaint that parallel the complaint, then the allegations will go into the same case. If there is a new complaint involving an separate complainant with different circumstances then a new case will be open. The

Commented [BH1]: Goal is to have cases reviewed in 180 days

Commented [BH2]: Possibly replace with - "If there is a new complaint involving an separate complainant with different circumstances then a new case will be open."

committee encourages Mr. Robertson to report any and all violations that he is aware of so the Board's Investigator can review.

- c. If during review of an ongoing case, a concern is realized regarding HSW, there is a mechanism within the AELS purview that expeditiously removes a licensee from practice.
3. There is not a statute of limitations once a case is opened. The risk associated with having a case open for an extended period of time while waiting for additional information is that potential avenues of evidence may dissipate (ex. witnesses forget information, record retentions, etc) and overall the case can become less defensible if it went to a hearing. While the Board has concerns with ensuring that complaints raised are taken seriously, it is appropriate to defer these inquiries by the public to the assigned Investigator who has extensive knowledge regarding the matter and can respond in a manner that does not negatively affect the investigation. This also prevents the Board as a whole from getting caught up in active investigations which could potentially negatively impact the defensibility of the case. There is transparency in investigations as they are subject to legislative audits, reviews by the Ombudsman's Office, internal review processes, and public having the ability to submit a public records request regarding closed investigations.

Further discussion about the topic: The Department will continue to review this matter and ensure appropriate steps are taken to resolve the matter in a timely manner in accordance with Department policy.

General discussion on the disciplinary matrix. The committee recommends moving the 2023 disciplinary matrix forward and to make a motion for board approval at the next meeting. The motion would be a motion to approve the "2023 Disciplinary Matrix" as a guide for the board to use and available for the public. It is important to make it clear to the public that this is a guide for the board not an absolute.

Moving forward: general issue as to what the process is when a violation happens and how they (who is "they"?) can maintain some compliance.

The committee agreed to go with the concept of committee members working with the Investigator to get information to write an article for the newsletter. Elizabeth will be the first one to start with an article about continuing education.

topics:

- Continuing education,
 - Filling out applications correctly,
 - obtaining proper licensure,
 - practice in different areas,
 - requirements for seals.
- . Newsletter articles will be due by the Nov. board meeting.



THE STATE
of **ALASKA**

Department of Commerce, Community,
and Economic Development

DIVISION OF CORPORATIONS, BUSINESS AND
PROFESSIONAL LICENSING

550 West Seventh Avenue, Suite 1500
Anchorage, AK 99501-3567
Main: 907.269.8160
Fax: 907.269.8156

MEMORANDUM

DATE: August 07, 2023
TO: Architects, Engineers, and Land Surveyors
THRU: Erika Prieksat, Chief Investigator *EP*
FROM: Patrick Kase, Investigator
RE: Investigative Report for the August 28, 2023 Meeting

The following information was compiled as an investigative report to the Board for the period of May 04, 2023 thru August 07, 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 - 11

<u>Case Number</u>	<u>Violation Type</u>	<u>Case Status</u>	<u>Status Date</u>
ENGINEER			
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
LAND SURVEYOR			
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

2022-000330	Unlicensed practice or activity	Complaint	10/27/2022
2023-000082	Unlicensed practice or activity	Complaint	06/28/2023
2023-000265	Incompetence	Complaint	05/09/2023

Closed - 9

<u>Case #</u>	<u>Violation Type</u>	<u>Case Status</u>	<u>Closed</u>	<u>Closure</u>
ENGINEER				
2022-001200	Unlicensed practice or activity	Closed-Intake	06/09/2023	No Action - No Violation
2023-000813	License application problem	Closed-Intake	08/04/2023	Other (See Abstract)
2018-000851	Unprofessional conduct	Closed-Complaint	05/22/2023	No Action - No Violation
2022-000690	Continuing education	Closed-Complaint	05/23/2023	No Action - No Violation
2022-000707	Continuing education	Closed-Complaint	05/23/2023	No Action - No Violation
2022-000710	Continuing education	Closed-Complaint	05/08/2023	No Action - No Violation
2022-000008	Violation of licensing regulation	Closed-Investigation	07/17/2023	Advisement Letter
LAND SURVEYOR				
2023-000355	Unprofessional conduct	Closed-Intake	06/06/2023	Incomplete Complaint
2023-000682	License application problem	Closed-Investigation	07/26/2023	Advisement Letter

END OF REPORT

Violation	Statute/Regulation Reference	Mitigated Sanction	Normal Sanction	Aggravated Sanction
Practice with expired license	Sec 08.48.221 (a)	Letter of Advisement	Censure, Civil Fine	Revocation, Civil Fine, Refer to Attorney General
Practice with revoked or suspended license	Sec 08.48.221 (a)	Censure, Civil Fine up to \$1000	Censure, Civil Fine up to \$5000	Revocation, Civil Fine, Refer to Attorney General
Violation of Licensing regulation - Undated Seal	12 AAC 36.185 (d)	Letter of Advisement	Censure, Civil Fine up to \$1000	Revocation, Civil Fine up to \$5000
Violation of Board Order		Censure, Civil Fine up to \$1000	Censure, Civil Fine up to \$5000	Revocation, Refer to Attorney General
Conflict of Interest	12 AAC 36.220	Letter of Advisement	Censure, Civil Fine up to \$1000	Suspension (significant), Continuing Education (ethics)
Reciprocal discipline (Action taken in another state)	12 AAC 36.320 (g)	Letter of Advisement	Censure	Sanctions up to terms of original order in other state
Non-compliance with standards		Letter of Advisement, Continuing Education	Censure, Civil Fine up to \$1000	Revocation, Civil Fine up to \$2500
Misconduct	12 AAC 36.320 (f)	Letter of Advisement	Censure, Suspension (medium)	Suspension (significant), Civil Fine up to \$2500
Ethics Violations	12 AAC 36.200	Letter of Advisement, Continuing Education (ethics)	Censure, Civil Fine up to \$1000, Continuing Education (ethics)	Suspension (significant), Civil Fine up to \$2500 Continuing Education (ethics)
Simple Negligence		Letter of Advisement	Censure, Continuing Education, Monitoring	Revocation
Gross Negligence	Sec 08.48.111, 12 AAC 36.320 (c)(1)	Censure, Civil Fine up to \$1000	Suspension (medium), Civil Fine up to \$2500	Revocation, Civil Fine up to \$5000, Refer to Attorney General
Incompetency	12 AAC 36.320 (d)	Censure, Continuing Education, Restitution	Suspension (short), Civil Fine up to \$2500	Suspension (medium), Civil Fine up to \$5000
Stamping documents or altering previously stamped documents that were not prepared by or under the supervision of the licensee	Sec 08.48.221; 12AAC 36.185; 12AAC 36.195	Letter of Advisement	Censure, Civil Fine up to \$2500, Suspension (short)	Revocation, Civil Fine up to \$5000
Unlicensed Practice (individual)	Sec 08.48.281	Letter of Advisement	Censure, Civil Fine up to \$5000	Suspension (medium), Civil Fine up to \$5000, Refer to Attorney General (1-year imprisonment)
Unlicensed Practice (corporate registration)	Sec 08.48.281	Letter of Advisement	Censure, Civil Fine up to \$5000	Suspension (significant), Civil Fine up to \$5000, Refer to Attorney General
Perjury, bribery, false certifications	12AAC 36.210; 36.230	Letter of Advisement	Censure, Civil Fine up to \$2500	Suspension (significant), Civil Fine up to \$5000, Refer to Attorney General
Felony Conviction		Letter of Advisement	Censure, Civil Fine up to \$5000	Suspension (significant), Civil Fine up to \$5000.
Application fraud or deceit	Sec 08.48.111 (1)	Censure, Civil Fine up to \$1000	Suspension (significant), monitoring	Revocation, deny issuance of license, Civil Fine up to \$5000
Working Beyond Scope	Sec 08.48.281; 08.48.291	Letter of Advisement	Censure, Civil Fine up to \$1000	Suspension (significant), Civil Fine up to \$2500
Aiding and abetting unlicensed practice	Sec 08.48.221 (a)	Letter of Advisement	Probation, Civil Fine up to \$5000	Revocation, Civil Fine up to \$5000, Refer to Attorney General
Malpractice (individual)		Letter of Advisement	Censure, Civil Fine up to \$5000	Probation (significant), Continuing Education, Reexamination, Refer to Attorney General
Malpractice (corporate)		Letter of Advisement	Censure, Civil Fine up to \$5000	Probation (significant), Refer to Attorney General
Violation of Continuing Education Requirements		Letter of Advisement	Censure, Civil Fine \$2500 for false/inaccurate response with \$2,000 suspended; plus \$50 unsuspended for each deficient hours up to \$1,000 maximum, Licensee must make up deficiency, mandatory audit (2)	Censure, Civil Fine \$2500 for false/inaccurate response with \$2,000 suspended; plus \$50 unsuspended for each deficient hours up to \$1,000 maximum, Licensee must make up deficiency, mandatory audit (2)
NOTES: ▪ This chart is intended to be used in conjunction with the attached Aggravating and Mitigating Circumstances.				
▪ The potential Sanction in the chart is an average sanction where aggravating and mitigating circumstances balance each other.				
▪ Where aggravating circumstances outweigh mitigating circumstances, the level of sanction will increase, and vice versa.				

PROFESSIONAL ARCHITECT
BY EXAM



LICENSING PROCESS

APPLICATION SUBMISSION

Application MUST include:	
Completed application & fee	See 12 AAC 36.010
NCARB Record (Green Transmittal)	See 12 AAC 36.060(a)(2)
Proof of qualifying education	See 12 AAC 36.061
https://www.commerce.alaska.gov/web/cbpl/ProfessionalLicensing/BoardofArchitectsEngineersandLandSurveyors.aspx	

MINIMUM QUALIFICATIONS to apply to sit for the ARES

NCARB Record (Green Transmittal)		Qualifying Education
See 12 AAC 36.060(a)(2) & (b)(3)	AND	See 12 AAC 36.061

Application will be reviewed by Board staff and recommended
for Board review.

Applications will be reviewed at the next Board meeting

All applicants will be notified of the Board’s decision via email
within two weeks of the board meeting

ADDITIONAL REQUIRMENTS For Licensure-Include Complete NCARB (AXP)

Completion of Cold Regions Design Course approved by the Board		Completion of Jurisprudence Exam
See 12 AAC 36.110	AND	See 12 AAC 36.100

Engineering by Exam

Must have for By Exam:)

- ☐ Education (see table 1)
- ☐ Work Experience (see table 2)
- ☐ Verification of FE Exam
- ☐ Official Transcripts
- ☐ Completion of Course Region Course (Arctic Exam) approved by the Board
- ☐ Completion of Jurisprudence Exam
- ☐ Completion of application and filing fee

Table 1

<u>Education Classifications:</u>	<u>Education Years:</u>	<u>Work Experience years:</u>	<u>Total Education & Experience</u>
ABET accredited B.S. in *engineering discipline applying for	4	4	8
Non-ABET accredited B.S. in *engineering discipline apply for	3	6	9
ABET accredited B.S. in *engineering technology applying for	3	5	8
ABET accredited B.S. in *engineering applicate is <u>NOT</u> apply for	3	5	8
ABET accredited B.S. in *engineering discipline applying for <u>AND</u> a master's or doctorate in engineering acceptable to the board	5	3	8
ABET accredited B.S. in *engineering that is <u>NOT</u> in the discipline <u>AND</u> a master's or doctorate in the discipline applying for	4	4	8
Master's in *engineering discipline applying for or a discipline substantially similar	2	6	8
Doctorate in *engineering discipline applying for or a discipline substantially similar	3	5	8
Master's or doctorate in *engineering from an ABET accredited undergraduate for discipline applying for	3	5	8

Work Experience Verification (must be submitted by verifier)

Table 2

24 months <u>MUST</u> be Responsible Charge Experience verified by an		Successful completion of a four-year mentoring program
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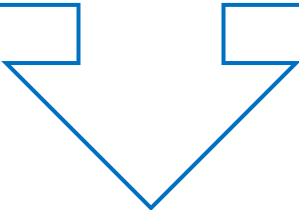
engineer licensed in the discipline you are applying for full credit to be given.	OR	
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LICENSING PROCESS

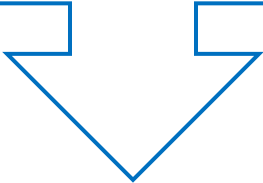
APPLICATION SUBMISSION

Application MUST include:	
Completed application & fee	See 12 AAC 36.105(b)(1)
Proof of qualifying education/experience	See 12 AAC 36.105(c)
Verification of License	See 12 AAC 36.105(b)(1)
Proof of passing FE Exam	See 12 AAC 36.105(b)(2)
Proof of passing PE Exam in the discipline which you are applying for	See 12 AAC 36.100(c)
https://www.commerce.alaska.gov/web/cbpl/ProfessionalLicensing/BoardofArchitectsEngineersandLandSurveyors.aspx	



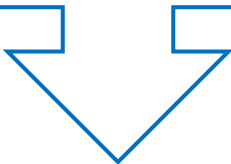
MINIMUM QUALIFICATIONS

Submit NCEES Record verifying FE & PE Exams, Verification of License, & official transcripts www.NCEES.org	OR	Jurisdictional proof of NCEES FE, PE Exam, Verification of License, & official transcripts See 12 AAC 36.105	AND	Required Experience 2 years Responsible Charge or 2 Letters of Reference if licensed more than 5 years See 12 AAC 36.105(c)
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ADDITIONAL REQUIREMENTS

Completion of Cold Regions Design Course approved by the Board See 12 AAC 36.110	AND	Completion of Jurisprudence Exam See 12 AAC 36.100(f)
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Application will be reviewed by Board staff and recommended
for Board review.



Applications will be reviewed at the next Board meeting
All applicants will be notified of the Board’s decision via email
within two weeks of the board meeting

PROFESSIONAL ENGINEER
BY EXAM



LICENSING PROCESS

APPLICATION SUBMISSION

Application MUST include:	
Completed application & fee	See 12 AAC 36.063(a)(2)
Proof of qualifying education/experience	See 12 AAC 36.063(a)(3)
Proof of passing FE Exam	See 12 AAC 36.063(a)(1)
https://www.commerce.alaska.gov/web/cbpl/ProfessionalLicensing/BoardofArchitectsEngineersandLandSurveyors.aspx	

MINIMUM QUALIFICATIONS

Pass NCEES FE Exam	AND	Qualifying Education + Experience
See 12 AAC 36.063(a)(1)		See Table below
		See 12 AAC 36.063(a)(3)

ADDITIONAL REQUIRMENTS

Completion of Cold Regions Design Course approved by the Board	AND	Completion of Jurisprudence Exam
See 12 AAC 36.110		See 12 AAC 36.100(f)

Application will be reviewed by Board staff and recommended for Board review.

Applications will be reviewed at the next Board meeting

All applicants will be notified of the Board’s decision via email within two weeks of the board meeting

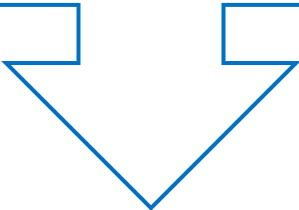
Education Classifications:	Education Years:	Work Experience years:	Total Education & Experience
ABET accredited B.S. in *engineering discipline applying for	4	4	8
Non-ABET accredited B.S. in *engineering discipline apply for	3	6	9
ABET accredited B.S. in *engineering technology applying for	3	5	8
ABET accredited B.S. in *engineering applicate is NOT applying for	3	5	8
ABET accredited B.S. in *engineering discipline applying for AND a master’s or doctorate in engineering acceptable to the board	5	3	8
ABET accredited B.S. in *engineering that is NOT in the discipline AND a master’s or doctorate in the discipline applying for	4	4	8
Master’s in *engineering discipline applying for or a discipline substantially similar	2	6	8
Doctorate in *engineering discipline applying for or a discipline substantially similar	3	5	8
Master’s or doctorate in *engineering from an ABET accredited undergraduate for discipline applying for	3	5	8



LICENSING PROCESS

APPLICATION SUBMISSION

Application MUST include:	
Completed application & fee	See 12 AAC 36.010
Proof of qualifying education	See 12 AAC 36.107(a)(1)
Proof of qualifying experience	See 12 AAC 36.107(c)(1 or 2)
Proof of passing FS & PS	See 12 AAC 36.107(a)(3)
Verification of License	See 12 AAC 36.107(b)
https://www.commerce.alaska.gov/web/cbpl/ProfessionalLicensing/BoardofArchitectsEngineersandLandSurveyors.aspx	



MINIMUM QUALIFICATIONS

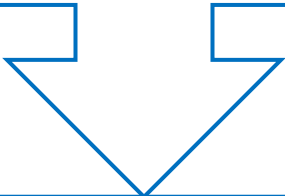
Submit NCEES Record
verifying FS & PS Exams,
Verification of License, &
official transcripts
www.NCEES.org

OR

Jurisdictional proof of
NCEES FS, PS Exam,
Verification of License, &
official transcripts
See
12 AAC 36.107(a)(3) & (b)

AND

Required Experience 3 years
Responsible Charge or 2 Letters of
Reference if licensed more than 5
years
See
12 AAC 36.107(a)(1) &(c) (1 or 2)

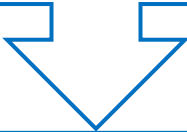


Application will be reviewed by Board staff and recommended
for Board review.



Applications will be reviewed at the next Board meeting

All applicants will be notified of the Board’s decision via email
within two weeks of the board meeting



Pass the AKLS Exam

PROFESSIONAL LAND SURVEYOR
BY EXAM



LICENSING PROCESS

APPLICATION SUBMISSION

Application MUST include:	
Completed application & fee	See 12 AAC 36.110
Proof of qualifying education/experience (see table below)	See 12 AAC 36.165(a)(2)
Proof of passing FS Exam	See 12 AAC 36.165(a)(1)
https://www.commerce.alaska.gov/web/cbpl/ProfessionalLicensing/BoardofArchitectsEngineersandLandSurveyors.aspx	

MINIMUM QUALIFICATIONS

Pass FS Exam	AND	Qualifying Education + Required Experience 3 years Responsible Charge
See 12 AAC 36.065(a)(1)		See 12 AAC 36.065(a)(2)

Application will be reviewed by Board staff and recommended
for Board review.

Applications will be reviewed at the next Board meeting
All applicants will be notified of the Board’s decision via email
within two weeks of the board meeting

Pass the AKLS Exam

Education Classifications:	Education Years:	Work Experience years:	Total Education & Experience
ABET accredited B.S. in land surveying	4	4	8
Graduate of a board approved land surveying curriculum 4-yr	4	4	8
ABET accredited B.S. in land surveying AND a master’s or doctorate in degree in land surveying	5	3	8
Graduate of a 4-yr degree with board approved courses meeting land surveying education standard under *(h) (1-2)	2	6	8
*(h)(1) at least 12 semester credits or the equivalent must be in mathematics and basic college level science courses, which must include calculus, physics, and statistics			
*(h)(2) at least 30 semester credits or the equivalent must be in geomatics and land surveying science and design courses, which must include practical field surveying, course in rectangular survey system, and of which at least six semester credits or the equivalent must be in boundary law courses; the geomatics and land surveying course work must include the study of geographic information system (GIS), global navigation satellite systems (GNSS), error analysis and adjustment, geodesy, and map projections			

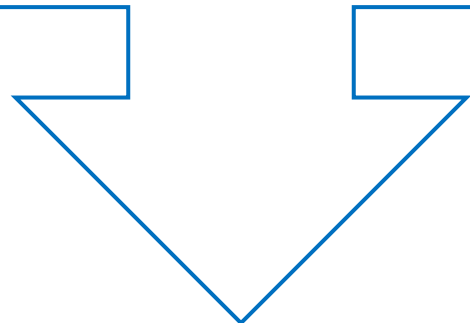
PROFESSIONAL STRUCTURAL ENGINEER
BY COMITY



LICENSING PROCESS

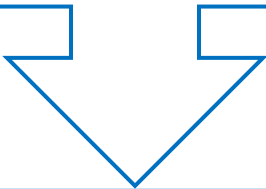
APPLICATION SUBMISSION

Application MUST include:	
Completed application & fee	See 12 AAC 36.105
Proof of qualifying education/experience	See 12 AAC 36.105(c)
Verification of License	See 12 AAC 36.105(b)(1)
Proof of passing FE Exam	See 12 AAC 36.105(b)(2)
Proof of passing PE Exam	See 12 AAC 36.105(h)(1)
Proof of passing 1 of the following NCEES: <ul style="list-style-type: none">SE ExamStructural II and Structural III (WA or CA passed before 2011)NCEES Structural I & II passed before 2006Western States 16-hour Structural Exam	See 12 AAC 36.105(h)(2)
http://www.commerce.alaska.gov/web/cbpl/ProfessionalLicensing/BoardofArchitectsEngineersandLandSurveyors.aspx	



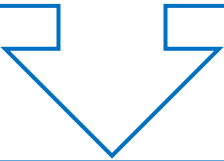
MINIMUM QUALIFICATIONS

Submit NCEES Record verifying FE & PE, SE Exams, Verification of License, & official transcripts www.NCEES.org	OR	Jurisdictional proof of NCEES FE, PE, SE Exam, Verification of License, & official transcripts See 12 AAC 36.105	AND	Required Experience 2 years Responsible Charge or 2 Letters of Reference if licensed more than 5 years See 12 AAC 36.105(c)
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ADDITIONAL REQUIREMENTS

Completion of Cold Regions Design Course approved by the Board See 12 AAC 36.110	AND	Completion of Jurisprudence Exam See 12 AAC 36.100(f)
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Application will be reviewed by Board staff and recommended
for Board review.



Applications will be reviewed at the next Board meeting
All applicants will be notified of the Board's decision via email
within two weeks of the board meeting

PROFESSIONAL STRUCTURAL ENGINEER
BY EXAM



LICENSING PROCESS

APPLICATION SUBMISSION

Application MUST include:	
Completed application & fee	See 12 AAC 36.063(a)(2)
Proof of qualifying education/experience	See 12 AAC 36.063(a)(3)
Proof of passing FE and PE Exam	See 12 AAC 36.063(a)(1)
Currently registered as a PE in AK & 2 years SE work experience	See 12 AAC 36.063(k) (1-2)
https://www.commerce.alaska.gov/web/cbpl/ProfessionalLicensing/BoardofArchitectsEngineersandLandSurveyors.aspx	

MINIMUM QUALIFICATIONS

Be Currently registered as a PE in AK & 2 years of progressive SE experience	AND	Qualifying Education + Experience
See 12 AAC 36.063(k) (1-2)		See Table below
		See 12 AAC 36.063(a)(3)

ADDITIONAL REQUIRMENTS

Completion of Cold Regions Design Course approved by the Board	AND	Completion of Jurisprudence Exam
See 12 AAC 36.110		See 12 AAC 36.100(f)

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Education Classifications:	Education Years:	Work Experience years:	Total Education & Experience
ABET accredited B.S. in *engineering discipline applying for	4	4	8
Non-ABET accredited B.S. in *engineering discipline apply for	3	6	9
ABET accredited B.S. in *engineering technology applying for	3	5	8
ABET accredited B.S. in *engineering applicate is NOT apply for	3	5	8
ABET accredited B.S. in *engineering discipline applying for AND a master’s or doctorate in engineering acceptable to the board	5	3	8
ABET accredited B.S. in *engineering that is NOT in the discipline AND a master’s or doctorate in the discipline applying for	4	4	8
Master’s in *engineering discipline applying for or a discipline substantially similar	2	6	8
Doctorate in *engineering discipline applying for or a discipline substantially similar	3	5	8

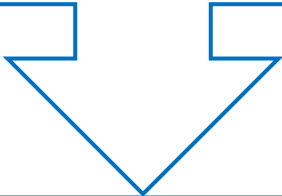
Master’s or doctorate in *engineering from an ABET accredited undergraduate for discipline applying for	3	5	8
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LICENSING PROCESS

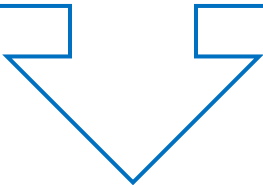
APPLICATION SUBMISSION

Application MUST include:	
Completed application & fee	See 12 AAC 36.103(b)(1)
Proof of qualifying education/experience	See 12 AAC 36.103(c)
Verification of License	See 12 AAC 36.103(b)(2)
Proof of passing A.R.E.s.	See 12 AAC 36.103(a)(1)
https://www.commerce.alaska.gov/web/cbpl/ProfessionalLicensing/BoardofArchitectsEngineersandLandSurveyors.aspx	



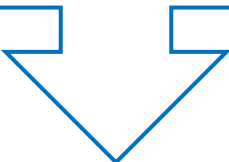
MINIMUM QUALIFICATIONS

NCARB Council Certificate	OR	If initially licensed before July 13, 2011, Verification of License, Qualifying Education, Verification of A.R.E.s, and 2 Letters of Reference
www.NCARB.org		See 12 AAC 36.103(a)



ADDITIONAL REQUIRMENTS

Completion of Cold Regions Design Course approved by the Board	AND	Completion of Jurisprudence Exam
See 12 AAC 36.103(a)(3)		See 12 AAC 36.103(a)(4)



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for Board review.



Applications will be reviewed at the next Board meeting

All applicants will be notified of the Board’s decision via email
within two weeks of the board meeting

From: [Neal, Sara J \(CED\)](#)
To: [Neal, Sara J \(CED\)](#)
Bcc: [Loren Leman](#); [Randall Rozier](#); jmaxwellak@gmail.com; ed.leonetti@coffman.com; brent@akcolelaw.com
Subject: Report from 8/1 GM Committee Meeting
Date: Wednesday, August 2, 2023 10:11:00 AM
Attachments: [image001.png](#)

Committee Report will be given by Loren Leman during the Aug 28th board meeting

1. Clarify & expound on definition of responsible charge / identify areas of where responsible charge experience is appropriate and define it (old version of statutes) – Priority 2
Jeff and Loren are reviewing the RC memo from 4/2022 and will report to GM Committee before Nov 2023 board meeting
2. Records drawing paragraph – Priority 2 – due by next board meeting (have info to you by end of the week)
Completed in 8/1/2023 committee meeting – taking to the Aug 28 board meeting
3. Define HSW in Board Policies and Historical Information – Priority 3 -due by end of year
Randall Rozier will work on a definition and bring it to next committee mtg for review
4. Draft example of CE Structured Self-Study form for and list examples for possible technical and professional societies to put in Guidance Manual – Priority 3 – due by end of year
Ed Leonetti was assigned to draft an example of CE Structured Self-Study form

Possible professional societies or organizations to add as examples to GM

- Alaska Society of Professional Engineers
 - Alaska Water & Wastewater Association
 - American Society of Civil Engineers
 - American Society of Heating, Refrigeration, and Air-Conditioning Engineers
 - American Society of Mechanical Engineers
 - Associated General Contractors
 - Construction Specifications Institute
 - Institute of Electrical and Electronics Engineers
 - Institute of Transportation Engineers
 - Society of American Military Engineers
 - Society of Petroleum Engineers
 - Society of Women Engineers
5. Add clarifying language to the Guidance Manual RE: Digital signatures
Committee will read document attached to meeting invite and discuss during next committee mtg

Kind Regards,

Sara Neal

Executive Administrator

Board of Registration for Architects, Engineers and Land Surveyors

aelsboard@alaska.gov

(907)465-2540



Record Drawings

Record Drawings are post-construction documents that show location, layout, and other details to represent what was installed, which may be different from what was originally designed and approved for construction. They are useful for records retention and inventory control, and although not provided for all projects, often are required by contract, regulation, or local codes. The appropriate authority having jurisdiction should be consulted with to verify requirements.

Record Drawings are often produced from contractor and/or owner supplied information, which may be confirmed by observations, inspections and measurements by a design professional or a person acting under its responsible charge. If Record Drawings are developed from information obtained solely from the contractor or owner, they are typically not sealed by the design professional. A standard practice in these cases is for the design professional to review the redline mark-ups (sometimes called “as-builts”) made to the original design drawings and, without resealing the drawings, provide an opinion on the validity or accuracy of the revised information with a disclaimer in a signature block that the revised information was produced by others. In some cases, inspection or observation of construction and preparation of Record Drawings are required by contract, regulation, or code to be performed by a design professional. In such cases, the design professional may reseal, sign and date the Record Drawings, and if applicable, provide disclaimers regarding information on the drawings.