



In Brief

CONNECTIONS

February 2021 Volume 21 Issue 5

Newsletter of the
Structural Engineers
Association of Oregon

SEAO
9220 SW Barbur Blvd.
No. 119
PMB #336
Portland, OR 97219
Phone: (503) 753-3075
E-Mail: jane@seao.org
Web site: www.seao.org

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SEAO has a LinkedIn account and can be followed at <https://www.linkedin.com/company/structural-engineers-association-of-oregon>.

Upcoming SEAO Meetings and Events:

Wednesday, March 10, 2021: NCSEA Virtual Event Economic Outlook for Structural Engineering: 2021 & Beyond

Time: 10:00 am—11:30 am PT

Donation: \$25 Minimum. Fees will benefit the NCSEA Foundation.

Visit: [https://netforum.avectra.com/eweb/DynamicPage.aspx?](https://netforum.avectra.com/eweb/DynamicPage.aspx?Site=NCSEA1&WebCode=EventDetail&evt_key=71e6679b-fc64-4ff8-b861-4a183c3c12c0)

[Site=NCSEA1&WebCode=EventDetail&evt_key=71e6679b-fc64-4ff8-b861-4a183c3c12c0](https://netforum.avectra.com/eweb/DynamicPage.aspx?Site=NCSEA1&WebCode=EventDetail&evt_key=71e6679b-fc64-4ff8-b861-4a183c3c12c0)

for more information.

Thursday, March 18, 2021: WAsafe Online Training

Time: 8:30 am—4:30 am PT

Cost: \$150 WABO Member; \$200 Non-member

See pages 2 and 9 for more information.

Friday, March 26, 2021: NCSEA Call for Abstracts Deadline for the 2021 Structural Engineering Summit

NCSEA is seeking abstracts for this year's Engineering Summit. The goal is to host the event both in-person in New York, New York on October 13-15, 2021, and virtually through the month of October.

Visit: <http://www.ncsea.com/events/annualconference/abstracts/> for more information.

Sunday, March 28—Thursday, April 1, 2021: ACI Virtual Concrete Convention

Location: Virtual

Cost: \$99 Member; \$179 Non-member; Students Free for ACI Student Members

Featured Sessions:

- Legal Issues in Concrete Construction—Lessons Learned
- The Concrete Industry in the Era of Artificial Intelligence
- Adjusting Workability of Successful 3-D Concrete Printing
- Impact of Hot Weather Conditions on Concrete Repair
- And Many More

Registration is open. Visit <https://www.concrete.org/events/conventions/currentconvention.aspx> for more information and to register.

Wednesday, July 28, 2021: SEAO/OACI Golf Tournament

Location: The Reserve Vineyards & Golf Club, 4805 SW 229th Avenue, Aloha, OR
Shotgun Start: 1:00 pm; Social Hour 6:00 pm; Dinner & Awards 6:30-7:30 pm

See pages 4, 10 & 11 for additional information.

CONNECTIONS is a monthly publication of the Structural Engineers Association of Oregon, published to disseminate current news to our membership and others involved in the profession of structural engineering. The opinions expressed reflect those of the author and, except where noted, do not represent a position of SEAO.

Send membership inquiries to:

**9220 SW Barbur Blvd.
No. 119
PMB #336
Portland, OR 97219**

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Knife River Prestress
Ph: 541.995.6327
dusty.andrews@kniferiver.com

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Mackenzie
Ph: 503.224.9560
dlinton@mcknize.com

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KPFF Consulting Engineers
Ph: 503.227.3251
alexandra.stroud@kpff.com

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miked@lvvi.com

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jmcpherson@strongtie.com

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Ph: 503.246.1250
ericd@miller-se.com

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Jacobs Engineering Group
Ph: 503.736.4209
Steve.Trautwein@jacobs.com

Executive Secretary
Jane Ellsworth
SEAO Staff
Ph: 503.753.3075
jane@seao.org

SEER UPDATE: WASAFE ONLINE TRAINING THURSDAY, MARCH 18, 2021

The Washington Association of Building Officials is offering WAsafe training as part of their Annual Education Institute. The class will be held online on March 18, 2021.

The course is similar to Cal OES SAP (and OrSAP in the future) and provides a credential for use in emergency response to the State of Washington.

Anyone interested in getting this training can visit the website at <https://wabo.memberclicks.net/assets/AEI/2021%20virtual%20AEI%20Booklet%20%28merged%29.pdf>.

Anyone with questions about WAsafe and its usefulness beyond the State of Washington should contact David Tarries at seer@seao.org.

Training: Washington Safety Assessment of Facilities Evaluators Program (WAsafe): Building Safety Evaluations R Us

Level: Beginning & Intermediate

Time: 8:30 am to 4:30 pm

Cost: \$150 WABO member; \$200 non-member

Instructors:

Jon Siu, PE, SE, ACO—Jon Siu Consulting
Paul Brallier, SE—Structural Engineers of Washington (SEAW)
Hoyt Jeter, PE—Clarity Consulting Engineers, PLLC
Pat Beaulieu & Jeff Krieg—Seattle Department of Construction & Inspection (SDCI)

Codes Recommended:

ATC-20 Field Manual (minimum); ATC-45 Field Manual (optional). Available through Applied Technology Council (<https://store.atcouncil.org/>) or the WABO Bookstore.

Summary:

This full-day course will cover the basics of building safety evaluations for a variety of hazards, based on building safety evaluation programs for earthquakes, windstorms and floods (ATC 20 and ATC 45), using examples from real events. The class will also cover response to landslides, fires, and other hazards. Students will also be introduced to the statewide process for volunteer emergency worker enrollment and dispatching being coordinated through WAsafe. Taking this course is one of the requirements for those who wish to enroll in the WAsafe program or for those whose enrollments are expiring and want to renew.

This class is appropriate for any building department staff and design professionals.

Registration: <https://www.wabo.org/2021-aei-schedule-page--virtual>
or see flyer on page 9 to register via mail or email.

SEAO COMMITTEES

CODE ADVISORY COMMITTEE

Seismic

Reid Zimmerman

reid.zimmerman@kpff.com

Wind

OPEN CHAIR

Snow Load

Andy Stember

andy@jasenginc.com

Code

Eric Watson

eric@miller-se.com

Vintage Building

Jennifer Eggers

jennifer.eggers@holmesstructures.com

Special Inspections

Eric Watson

eric@miller-se.com

Mass Timber

Eric McDonnell

Eric.McDonnell@holmesstructures.com

STRUCTURAL ENGINEERS

EMERGENCY RESPONSE (SEER)

David Tarries

David.tarries@portlandoregon.gov

PROGRAM COMMITTEE

Monthly Meetings

Norm Faris

norm.faris@valarengineering.com

Awards

Brynn Adkins

badkins@tmrippey.com

Golf Tournament

Stephen Stenberg

steez07@yahoo.com

Conferences

Kevin McCormick

kevin@miller-se.com

ADVOCACY COMMITTEE

Website

Seth Thomas

seth.thomas@kpff.com

Engineers Week

Michelle Juarez

michelle@miller-se.com

Young Member Forum

Sarah Johnson

sjohnson@dc-engineers.com &

Nisarg Mehta

nmehta@dc-engineers.com

CONTINUING EDUCATION

COMMITTEE

Seminars

Andy Stember

andy@jasenginc.com

MEMBERSHIP COMMITTEE

Newsletter

JoMarie Farrell

jomarie@equilibriumllc.com

Roster

Jane Ellsworth

jane@seao.org

DELEGATES

NCSEA & WCSEA/NWC

Amit Kumar

amit.kumar@portlandoregon.com

David Linton (Alternate)

dlinton@mcknze.com

SPECIAL INSPECTION COMMITTEE UPDATE

The SEAO Special Inspection Committee has updated the recommended special inspection matrix for the 2019 OSSC requirements. Excel files are provided on the SEAO website for download by members.

The *Guidelines for the Special Inspection, Testing, and Structural Observation Program Based on the 2019 OSSC* (SI/T/SO) was prepared by the Structural Engineers Association of Oregon. The intent of the document is to provide a guideline for the structural engineer and/or registered design professional (RDP) to meet the minimum requirements of the 2019 OSSC. The special inspection, testing, and structural observation sections have been interpreted from the code and, through consensus of several stakeholders, have been provided as a general guideline for the structural engineer, registered design professional, and building official. All projects will have some variation which may or may not be in the realm of the guidelines. The guideline is provided to give the code minimum general requirements of project testing, special inspection, and structural or other professional observation.

It is the responsibility of the structural engineer and/or the RDP to review and modify the guidelines for their specific project. The tables in the guideline provide the special inspections and testing that are required by Chapter 17 of the *Oregon Structural Specialty Code*. Additional requirements may be added by the registered design professional. It is recommended that the RDP customize the SI/T/SO programs to include only the specific requirements for the project under consideration. Boilerplate plans and programs should not be used since they may cause confusion and may lead to unnecessary expenditures.

Additions or deletion of items in the guidelines are at the discretion of the registered design professional in cooperation with the owner and the building official. Many methods or materials will have more than one item for testing and/or inspection.

Visit the Special Inspection Committee's webpage at <https://www.seao.org/committees/technical/special-inspections> for downloadable Notes and Tables.

Thank you to the Special Inspection Committee: Eric Watson, Lane Jobe, Jim Vodden, and Supratik Bose for their work on updating the notes and tables for our membership's use. Their hard work has made it easier for us to all do our jobs. Your efforts are very much

SEER UPDATE: DOGAMI PETITION



Yumei Wang of the Geological Society of Oregon has a petition online for those who are opposed to budget cuts to the Oregon Department of Geology and Mineral Industries (DOGAMI). The SEER Committee is not yet familiar with the extent of any cuts or the effect on programs in the State, but those who are interested may want to look at the site and research the proposed cuts. The petition site can be found at: [Petition · Save DOGAMI to Protect Oregon from Natural Disasters! · Change.org](https://www.change.org/p/petition-save-dogami-to-protect-oregon-from-natural-disasters).

SEAO/OACI GOLF TOURNAMENT WEDNESDAY, JULY 28, 2021



The Reserve Vineyards & Golf Course (North Course)
4805 SW 229th Avenue, Aloha, OR

Shotgun Start: 1 pm
Social Hour: 6 pm
Dinner & Awards: 6:30-7:30 pm

Once again, SEAO and OACI combine forces for a return engagement of golf and merriment at The Reserve in Aloha! The tournament will be on the North Course—an expansive, open-air course that captures a lot of Oregon’s low-land landscapes, including the rolling hills of the valleys and grassy coastal dunes. Participants will all enjoy the team spirit of playing a 4-person scramble.

We will have a shotgun start at 1:00 pm, allowing us to all finish at the same time to share stories of the day’s glory and despair, along with dinner, beverage, and many prizes.

The course offers a driving range to hone your skills prior to the tournament--so come early. Power carts and driving range are included in the golf fee. There is also a \$20,000 hole-in-one prize available. See attached flyers on pages 10 and 11 for registration for golf and sponsorships.

Come join us for a festive and fun day of golf.

NEW MEMBERS

Welcome to our new Members!

Nam Ho Kim—Amazon
Dustin Selby – JAS Engineering
Ken Oliphant – Advanced Structural Forensics
Kirstin Hannas – Hannas Engineering
Bassam Bazzi – Holmes Structures
James Rosewitz – Holmes Structures
Jonas Houston – Holmes Structures
Patrick O’Reilly – Holmes Structures
Brian Yee – KH2A Engineering
Kristina Milaj – Jacobs Engineering
Emma Olds - VLMK

ASK A QUESTION, GET AN ANSWER

Do you have a code question you would like to ask the Wind Committee or Snow Committee? SEAO is pleased to announce a simple way for Q&A’s with technical committees. Email questions to jane@seao.org, and SEAO will direct your question to the appropriate committee chair for a response. Questions and their answers will be made anonymous and available to the membership on the website www.seao.org. Committees include: Seismic, Wind, Snow, Code, Vintage Building, and Special Inspections.

WELCOME TO SEAO!

CONGRATULATIONS TO THE 6TH ANNUAL 2020 EXCELLENCE IN STRUCTURAL ENGINEERING AWARDS WINNERS

Renovation / Retrofit

The Portland Building Seismic Renovation & Modernization KPFF Consulting Engineers



Project included a complete seismic upgrade of the primary structure of the existing iconic, Post-Modern, 15-story concrete-framed building on the National Register of Historic Places. New concrete core shear walls were added to create a new lateral force resisting system and reduce loading on the existing exterior concrete walls. New gravity columns were added and existing columns were strengthened where needed. Diaphragm collectors were added where required to support the new lateral load path. A voluntary nonlinear response history analysis was performed to understand the

complex building structure interactions between existing and new lateral load resisting elements.

Owner/Developer: City of Portland
Architect: DLR Group
General Contractor: Howard S. Wright

New Buildings Under \$20M

Clackamas Fire Stations 16 and 19 IMEG Corp.



New Fire Station 16 is a 14,660 square foot, one-story, Type 5-B wood-framed building. This includes a 4,300 square foot apparatus bay and living quarters for staff. The structure is 22 feet tall in front and is framed with 46-inch-deep open-web wood joists spanning 55 feet at the apparatus bay roof. The open web joists support two large projecting clerestory roof elements providing natural light into space. The roof diaphragm required a design to accommodate very large roof openings. The fire stations are designed with flexibility, efficiency, and community at the forefront while meeting the resiliency requirements of an essential facility and accommodating evolving firefighting protocols regarding safety.

Owner/Developer: Clackamas Fire District #1
Architect: Hennebery Eddy Architects
General Contractor: Emerick Construction

New Buildings Over \$20M

Wingspan Event & Conference Center IMEG Corp.

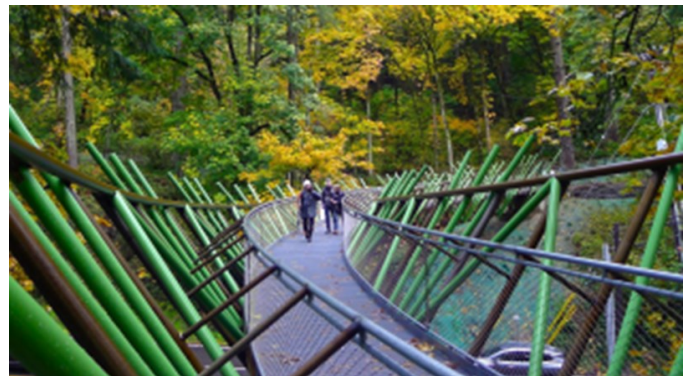


The 88,000 sf event and conference center consists of a combination of framing systems, including CLT roof panels and large glue-laminated beams supporting a cantilevered roof over the conference space and galleries. The primary event space features steel mega-trusses with steel wide flange top and bottom chords that span 169 feet. The conference room space spans 72-foot. The lateral-force-resisting system is a combination of buckling-restrained braced frames and Simpson Strong-Tie moment frames.

Owner/Developer: Washington County
Architect: LRS Architects
General Contractor: Swinerton Builders

Special Use Structures

Barbara Walker Crossing KPFF Consulting Engineers



Providing safe crossing for users of the Wildwood Trail across West Burnside, this iconic, two-span, 180-ft long, curved steel pedestrian bridge is framed with a 3-dimensional, curved, structural steel truss. The intermediate support is a concrete pier supported on pile foundations. End abutments are designed to minimize the impacts to the environmentally sensitive surroundings and to accommodate limited construction access along unpaved pedestrian trails. Close collaboration with the artist ensured the aesthetic enables all members in the truss contribute to the structural system.

Owner/Developer: Portland Parks Foundation
Artist: Ed Carpenter
General Contractor: R&H Construction

(Continued on Page 6)

CONGRATULATIONS TO THE 6TH ANNUAL 2020 EXCELLENCE IN STRUCTURAL ENGINEERING AWARDS WINNERS (CONT.)

Jurors' Favorite

District Office KPFF Consulting Engineers



The District Office is a 90,000 sf, six-story with a single level of below-grade parking constructed of mass timber and concrete. The primary feature of the project is its exposed mass timber structure consisting of one-way spanning cross-laminated timber (CLT) floor panels with long-spanning glue-laminated timber beams supported on glue-laminated columns spaced at 10 feet on center. Above grade, the mass timber gravity frame is tied to special reinforced concrete shear walls with a concrete diaphragm. The ground level post-tensioned concrete slab spans over the below-grade garage. The slab uses wide, shallow post-tensioned transfer beams to allow for drive aisle clearance and optimized parking in the garage.

Above grade, the tight column spacing and long-span beams became the ideal solution for using a 3-layer CLT panel system and creating an open floor plan with a central colonnade over the length of the building. Vibration design became an important consideration when the long-span glue-laminated beams and light-weight floors were combined. The floor assembly and glue-laminated beams were analytically modeled to understand cumulative bay effects and in-situ testing was performed to verify the results.

One of the primary architectural objectives was to fully expose the wood structure while maintaining an appearance of simplicity. All connections were designed to be hidden, buried in the wood. Due to individual connection complexity, repetition of custom connections became important for both detailing and constructability. The primary beam-to-column connection had only four variations that were used in over 350 locations. Entrance of natural light was pertinent to the architectural design. The floor-to-floor height at the building perimeter was maximized so the windows could extend to the ceiling. Perimeter beams were eliminated where possible by using composite action of the CLT panel and concrete floor to support the concentrated weight of the exterior wall assemblies. Where perimeter beams could not be eliminated, upturned beams were used to maintain a consistent rough opening. A central colonnade provided a path for the main mechanical runs to reach the north and south ends of the building. The full ceiling height was maximized by embedding steel beams in the depth of the CLT panel. The steel was upturned in the panels, then covered by concrete topping above and fire-protected from below.

Remaining true to the concept of a mass timber building, the architect's desire was to feature an honest mass timber staircase. KPFF teamed up with the architect and Freres Lumber to produce the concept of an all mass plywood panel stair with no embedded steel. The stair features intricately cut stringer shapes of mass plywood panels that are then simply screwed and glued together to form a true wood stair. KPFF and their Structural Investigation Group developed a testing plan for pre-construction load testing. The testing passed the requirements of the OSSC, allowing the mass plywood stair to become reality.

Owner/Developer: Beam Development & Urban Development + Partners

Architect: Hacker Architects

General Contractor: Andersen Construction

EMPLOYMENT OPPORTUNITIES

KURT FISCHER STRUCTURAL ENGINEERING

Structural Engineer
Portland, OR

Kurt Fischer Structural Engineering (www.kfseng.com) is looking for entry level or experienced structural engineers to join our new and expanding Portland office. KFSE provides innovative and creative solutions for the built environment. We are looking for passionate and ambitious structural engineers to join our versatile, progressive, and experienced firm. Current projects include: historic non-ductile concrete and URM seismic rehabilitation, mid-rise office buildings, residential apartment and mixed-use complexes, luxury residential, and a mid-rise luxury hotel. We highly value our employees and strive to foster a positive and energetic work environment by providing engineers with the tools, resources, and mentoring to further their knowledge and career. There is ample opportunity for upward mobility within our firm, and we invite you to talk with us about exciting opportunities at KFSE. Contact: LT@kfseng.com

HOLMES STRUCTURES

Structural Fire Engineers
San Francisco and Los Angeles, CA, & Seattle, WA

We are seeking Structural Fire Engineers of all levels for our San Francisco, Los Angeles, and Seattle offices!

Holmes Fire is a fire engineering consultancy firm with unrivaled talent, advancing fire safety design through a collaborative approach. Our in-house expertise enables us the flexibility to offer comprehensive fire safety engineering solutions, enhancing the functionality of design whilst always prioritizing occupant safety. As part of the international Holmes Group, we service projects throughout Australia, the US, and New Zealand. We have a reputation for technical excellence. We provide an approach that encourages performance-based solutions to deliver innovation, design flexibility, greater value and compliance as an alternative to prescriptive building codes.

Our team strives to provide the highest level of professional service and success for our clients, building meaningful relationships along the way.

Interested in joining us? Send your resume with cover letter to hr@holmesstructures.com.

GRUMMEL ENGINEERING

Structural Engineer
Portland, OR

Grummel Engineering LLC (www.grummelengineering.com) is seeking a Structural Engineer with 4 to 8 years of experience. Candidates should have a B.S (M.S. preferred) in Civil Engineering, with an emphasis in structures. Candidates must possess a valid PE license or be working toward licensure.

Engineers with a thorough knowledge of current codes and an interest in participating in all steps of a project, including client relations, site visits, fee estimating, schematic, construction and permit documentation and analysis, construction support and more, are encouraged to apply.

We care deeply about the quality of product we produce, but we care even more about the people that create those products. Our philosophy encourages engaged working hours to give us the flexibility to enjoy our lives outside of work.

Contact eric@grummelengineering.com via email for more information or to apply.

STANTEC

Structural Engineer in Training
Portland, OR

Stantec has a need for a Structural Engineer-in-Training (EIT) in our Portland, OR office. This is a perfect opportunity for a talented, team-focused EIT with approximately 2 years of design experience looking to challenge themselves on a professional level and contributing to a variety of water and infrastructure projects. You will have the opportunity to learn, work on exciting and multi-faceted projects, grow your career, and collaborate with some of the finest designers in North America.

Join us and redefine your personal best. A complete description of the opportunity and information on how to apply can be found here: <https://stantec.jobs/portland-or/structural-design-engineer-in-training/D45DE0A157D549699BCFDED6C9029AD8/job/>

(Continued on Page 8)

EMPLOYMENT OPPORTUNITIES (CONT.)

ERICKSON STRUCTURAL ENGINEERING

Structural Engineer

Vancouver, WA

Are you ready for a new opportunity? Our engineering practice is focused upon existing buildings, including structural forensics, renovations, seismic upgrades, remedial design, failure investigations, and building structure evaluations. These are not routine projects that are handled with spreadsheets and typical details. We seek out and accept challenging assignments that require a true understanding of engineering principles, technical knowledge, and experience to resolve our clients' complex and unique projects.

Erickson Structural Consulting Engineers is small, niche-based structural engineering firm. Our projects are located in many of the western states but are concentrated in the Pacific Northwest and Hawaii. We have an immediate opening for a structural engineer with a PE license, with approximately four to eight years of experience working in a consulting structural engineering environment, to join our team in Vancouver, Washington. The successful applicant must be comfortable with client interaction, possess excellent English verbal and written communication skills, be efficient in the use of AutoCAD, and be physically capable of conducting project site visits, including occasional entrance into seldom-accessed building spaces.

We offer a competitive salary, a medical, dental and vision benefits package, a 401k plan with employer matching, paid training, quarterly profit sharing, paid holidays, PTO, a company-issued laptop and cell phone, a flexible schedule, including the ability to work from home on occasion, along with other benefits. If you are looking for a relaxed office environment, an opportunity to play an integral role in our firm, and to be involved in distinct and meaningful projects, we encourage you to apply. To do so, please submit a cover letter describing your career aspirations, a copy of your resume, a list of references, and salary expectations to info@ericksonstructural.com.

Registration Form

Class sessions run from 8:30am - 4:30pm

**Completely
Virtual
Institute!**

EARLY REGISTRATION

Member - \$125 Daily
Nonmember - \$175 Daily
(ends February 12, 2021)

REGISTRATION

Member - \$150 Daily
Nonmember - \$200 Daily
(after February 12, 2021)

Name: _____

Title: _____ Organization: _____

Address: _____

City/State/Zip: _____

Phone: _____ Fax: _____

Email: _____ (class handouts will be sent to this address)

Total amount due: \$ _____ Are you a WABO member: YES NO

Method of Payment: Check ☐ Visa ☐ MC ☐ Jurisdiction Purchase Order # _____

Credit Card Number: _____ CVV: _____ Exp Date: _____

Name on Card: _____ Zip: _____

Signature: _____

Return to WABO, P.O. Box 7310, Olympia, WA 98507 or email wabo@wabo.org

CHECK ONLY ONE CLASS PER DAY

MONDAY MARCH 15

- ☐ Cool Tool - Online Resources for 2018 WSEC Commercial Compliance Verification
- ☐ Counter Intelligence! Strategies for the Front Line
- ☐ Beginning Residential Inspections (IRC)
- ☐ Post-Disaster Safety Assessment Planning Workshop

TUESDAY MARCH 16

- ☐ Where to Focus your Compliance Review & Verification "Energy" for the 2018 WSEC Commercial (Season 2)
- ☐ Residential Plan Review
- ☐ Mechanical / Plumbing (UPC) / Gas Piping Plan Review
- ☐ Examining Fire System Plans with the International Fire Code

WEDNESDAY MARCH 17

- ☐ Commercial Accessibility
- ☐ Commercial Plan Review
- ☐ Beginning Residential Inspections (IRC)
- ☐ Fire Code Inspections at Educational Occupancies

THURSDAY MARCH 18

- ☐ Residential Energy Code Compliance in 2021
- ☐ Advanced Means of Egress
- ☐ Navigating the IBC
- ☐ Washington Safety Assessment of Facilities Evaluators Program (WAsafe): Building Safety Evaluations R Us

Register Online at www.wabo.org

2021 SEAO / OACI GOLF TOURNAMENT



**\$20,000
HOLE IN ONE
PRIZE!**

JULY 28TH, 2021
The Reserve
Vineyards & Golf Course
1:00 PM - SHOTGUN START!

EVENT DETAILS:

The S.E.A.O. and O.A.C.I. are hosting our annual golf tournament at the Reserve in Aloha Oregon so sign up now to reserve a spot this year at one of the best non-pro golf tournaments around at one of the best courses in Oregon. We'll be returning to the the Reserve's North course, designed by the award-winning Bob Cupp. The Reserve's North Course is a more expansive, open air course that captures a much of Oregon's low land vistas, rolling hills and green valleys, and even the coastal dunes. Measuring up to 6,845 yards, this par-72 course is an excellent location for the tournament and our players.

Per usual, we will have a shotgun start at 1pm, and capping the evening with dinner, beverages, and various exciting prizes for participants and their teams.

We look forward to seeing everyone come out again for our annual golf tournament!

WHEN:

DATE: Wednesday, July 28th
SHOTGUN START: 1:00PM
SOCIAL HOUR: 6:00PM
DINNER & AWARDS: 6:30-7:30PM

TOURNAMENT:

4-Person Scrambles

CONTACT:

Jane Ellsworth
ph: (503) 753-3075
em: jane@seao.org

Appropriate "Country Club" attire is required:

- Collared Shirts
- No Denim
- Shorts must have a 6" inseam
- Soft spikes only

**NO REFUNDS FOR
CANCELLATIONS
AFTER JULY 7th**

WHERE:

The Reserve (North Course)
4805 SW 229th Ave.
Aloha, OR 97007
Phone: (503) 649-8191

DINNER:

A barbecue dinner, will be served after the tournament on-site.

FEES:

Golf & Dinner: \$150/person
(Includes golf cart & driving range)
SEAO Young Members Forum: \$85
Mulligan: \$5/ea

**PLEASE RETURN THIS ENTRY
FORM BY JULY 7th TO:**
S.E.A.O.
9220 SW Barbur Blvd. #119
PMB #336
Portland, OR 97219
(503) 753-3075 Phone

Player Names	Green Fees	Membership	Payment Enclosed
	<input type="checkbox"/> Golf & Dinner - \$150	<input type="checkbox"/> SEAO <input type="checkbox"/> OACI	\$ _____
	<input type="checkbox"/> Golf & Dinner - \$150	<input type="checkbox"/> SEAO <input type="checkbox"/> OACI	\$ _____
	<input type="checkbox"/> Golf & Dinner - \$150	<input type="checkbox"/> SEAO <input type="checkbox"/> OACI	\$ _____
	<input type="checkbox"/> Golf & Dinner - \$150	<input type="checkbox"/> SEAO <input type="checkbox"/> OACI	\$ _____

Included: 1 (one) five-foot string per group.

Mulligan Add-Ons (1 Mulligan = 1 Shot Per Person)

☐ Mulligans - \$5 ea (Limit 5 Per Foursome) _____ Qty \$ _____

Pay By MAIL: ☐ Check Included

TOTAL: \$

Name:
As it appears on Credit Card

Contact Phone #:

Credit Card #:

Credit Card Exp Date:

3-Digit Code:
On back of Credit Card

Billing Zip Code:

2021 SEAO / OACI GOLF TOURNAMENT



JULY 28TH, 2021
The Reserve
Vineyards & Golf Course
1:00 PM - SHOTGUN START!

SPONSORSHIP FORM

Company Name: _____

Contact Name: _____

Phone: _____ Fax: _____

Email: _____

HOLE SPONSORSHIP (choose any or all of the following)

- | | | |
|--|--|---|
| <input type="checkbox"/> HOLE SPONSORSHIP - \$250
Comes with individual tee signage and recognition at the on-site dinner. | <input type="checkbox"/> PAR-3 SPONSORSHIP - \$750
Set your company up near the tee at one of 4 available, 3-par holes and also receive recognition at the on-site dinner.
(Only available to 4 sponsors) | <input type="checkbox"/> DINNER SPONSORSHIP - \$3,000
Join the SEAO and OACI by sponsoring the on-site barbecue dinner! Includes tournament registration for a team of four, and distinct recognition from SEAO/OACI at the on-site dinner. |
|--|--|---|

WE THANK YOU FOR YOUR SUPPORT!

If you or your company would like to sponsor more than the above hole sponsorships, please check any of the additional sponsorship items below, or the option to sponsor/donate your own raffle prize:

RAFFLE PRIZE SPONSORSHIPS

- ☐ 50" TV | \$600
- ☐ Apple Watch | \$400
- ☐ Apple iPad Mini | \$500
- ☐ Traeger Grill | \$600
- ☐ Kegerator | \$400
- ☐ Ocean Fishing Trip for 4 | \$600
- ☐ YETI 65 Cooler | \$400
- ☐ Quadricopter Drone | \$300
- ☐ Power Washer | \$500

SPECIAL SPONSORSHIPS

- ☐ **LD/KP/Long Putt Hole Sponsor**
\$150
- ☐ **On Course Drink Refreshment Sponsor**
\$500 (Host drink cart for one beverage per participant to be redeemed during play)
- ☐ **Tee Off Sponsor**
\$250 (Host keg of Micro-brew)
- ☐ **19th Hole Sponsor**
\$250 (Host keg of Micro-brew)
- ☐ **Golf Cart Sponsor**
\$200 (Host the golf carts with a sign in each cart with your company name)
- ☐ **Scorecard Sponsor**
\$250 (Host the scorecards with the name of your company on each card)

Would you like to sponsor/donate your own raffle prize? (ex: Mariner's seats, Blazers seats, etc)

☐ NO ☐ YES, Please describe below:

Please Return This Form A.S.A.P. to:

S.E.A.O.
 9220 SW Barbur Blvd., Suite #119, PMB #336
 Portland, OR 97219
 Email: jane@seao.org

Pay By MAIL: ☐ Check Included

TOTAL: \$ _____

Name:
As it appears on Credit Card

Contact Phone #:

Credit Card #:

Credit Card Exp Date:

3-Digit Code:
On back of Credit Card

Billing Zip Code: