



STRUCTURAL ENGINEERS OF COLORADO

NEWSLETTER

JULY GENERAL MEETING

2014 Schedule

Mark Your Calendar

General Membership Meetings

Renaissance Hotel
(Breakfast 7:30 a.m.)

January 15 - Wednesday (Lunch)
March 20
May 15
July 17
September 18

Fall Seminar

October 23** Note new date
Location: Sheraton Denver West
Time: TBD

Annual Banquet

November 20
Location: TBD
Time: TBD

Board of Directors

Structural Consultants, Inc.
(7:30 a.m.)

January 9
February 6
April 3
June 5
August 7
October 2

Business Management Committee

Renaissance Hotel
(Breakfast 7:30 a.m.)
February 13
April 10
June 12
August 14
October 9

Professional Development -Structural Licensure

In 2011, NCSEA developed a policy on Structural Engineering Licensure. This was presented to and unanimously approved by the Member Organization (MO) Delegates at the Annual Conference in October of that year. At the Annual Conference last fall, the delegates were presented the position statement developed by NCSEA on Continued Professional Development. This position statement was then sent to MO Boards for approval. The Board presented the position to the SEAC membership at the March general meeting and a motion was made to approve it. After some discussion, the motion was tabled until the July meeting.

The July SEAC meeting will feature a panel of professionals discussing the NCSEA position statement on Professional Development and the policy on Structural Licensure. The panel will include **Carrie Johnson** of Wallace Engineering in Tulsa, OK, who currently serves as NCSEA President, and **Barry Arnold** of ARW Engineers in Ogden, UT, who is the NCSEA President-Elect. Carrie has experience with continuing professional development as it has been required in OK for a number of years, and Barry was instrumental in getting legislation passed for licensing of structural engineers in Utah. **Jim Harris**, owner of J. R. Harris & Co., and active in the structural engineering

community here and nationwide, will bring his perspective to the conversation as a member of the panel. The final panel member is **Marilen Reimer**, the Executive Director of the American Council of Engineering Companies of Colorado, was involved in the last round of the DORA Sunset Reviews and can give some insight into the process and challenges of changing legislation related to engineering and requiring Continued Professional Development.

Given the importance of these issues the meeting has been **extended to last until 9:30**. Following the buffet breakfast, the meeting will begin at 8:00 with a brief statement by each of the panel members. We will then open it up to questions and further discussion of these issues. **At 9:30, the professional members of SEAC will vote** on the motion concerning the Professional Development position statement that was tabled at the March meeting. There will be time after the vote to discuss these issues further for those of you who are able to stick around. Given the importance of these topics, we have invited members of the Structural Engineers Institute of the Colorado chapter of ASCE to join us and we will be broadcasting by WebEx for those outside of the metro area.

SEE PAGE 3 FOR RSVP INFORMATION

BOARD OF DIRECTORS

Structural Engineers Association of Colorado



Paul Hause
President

Structural Consultants, Inc.
303-399-5154
paul@sci-denver.com



Don Carroll
VP/Treasurer

J.R. Harris & Company
303-860-9021
don.carroll@jrharrisandco.com



Ben Cook
Secretary

Wiss, Janney, Elstner Associates, Inc.
(303) 914-4300
BCook@wje.com



Jim Ness
Past-President

Monroe & Newell Engineers, Inc.
303-623-4927
jness@monroe-newell.com



Tom Skinner
Director

JVA, Incorporated
303-444-1951
tskinner@jvajva.com



Bob Pattillo
Director

Pattillo Associates Engineers, Inc.
970-945-9695
bob@paengineers.com



Susan Jorgensen
Director

303-919-9321
SusieJorg315@comcast.net

We Want To Hear From YOU! The SEAC BOD is interested in hearing your suggestions, comments and ideas. Please feel free to contact a member of the Board of Directors at any time.

Thank you to all of our members who continue to support SEAC!

PRESIDENT'S MESSAGE

Structural Engineers Association of Colorado

With this edition of the newsletter, we have reached the mid-point of 2014. The year is passing quickly. Most of you I talk with are seeing a vigorous pace at both home and work, with just a slight change of tempo as we moved into the late spring and early summer season. While still challenging, there is more optimism and confidence present than at the outset of 2014, much to be thankful for, and much to look forward to in the second half of the year. Work opportunities for structural engineers continue their slow but gradual improvement. Some of us are working a few more hours in the week, others have hired new staff. New staff and interns are a breath of fresh air to our offices. New staff members bring new ideas, new energy, and a reminder of the enthusiasm many of us enjoyed as we began our careers. Many of us take the opportunity this time of year to work on building relationships and supporting good causes with fund raising runs, bike rides or golf outings. Starting in June and continuing through September, there are opportunities weekly to find your stride or swing, make new contacts or check in with long-time clients, all while making a positive impact in our community. The summer season is also a great time to get away with the family before the next school year starts. The "slow endless" summer days children enjoy, between the fast paced activity filled school year is perfect for sharing some of things our parents, aunts, uncles and grandparents shared with us when we were growing up that are not taught in school.

Spring house-cleaning is done for most of our companies by now. We have started in earnest on our summer projects: revamping tools and training staff to keep up with IBC 2012 and 2015 codes and standard updates; squaring away our accounting systems with all the tweaks from last year's lessons and tax code changes; checking in on the goals we established at the top of the year to track our progress mid-stream; planning our office picnics or

trips to the Rockies game; and sizing up staffing plans for projects coming on line in the 3rd and 4th quarter of 2014.

At SEAC we are in much the same mode. Led by our committees, robust work continues through the summer. Stay tuned for information regarding the Fall Seminar, progress on the Strategic Planning effort, and the latest program developed by the Steel Committee.

I look forward to seeing you all at the General Meeting on Thursday, July 17th, 2014 at the Renaissance Hotel. Enjoy the rest of the summer. Carpe Diem fellow structural engineers.



Paul Hause
SEAC President

Don't Miss Out July Meeting

Thursday, July 17, 2014
Renaissance Denver Hotel
(Breakfast at 7:30 a.m.)

3801 Quebec Street, Denver, CO 80207
(South of the I-70 & Quebec Intersection)

MUST RSVP by Monday, July 14th on
the SEAC website at:

www.seacolorado.org or e-mail

Caryn Farrell at:
seac@martinmartin.com

EMPLOYMENT OPPORTUNITIES

Structural Engineers Association of Colorado



KL&A, Inc.

Structural Engineers and Builders

The Loveland office of KL&A has an immediate opening for an engineer with 4 or more years of experience.

Full-time position applicants for this position **must** have:

- A **Masters Degree** from an accredited civil/structural or architectural/structural engineering program

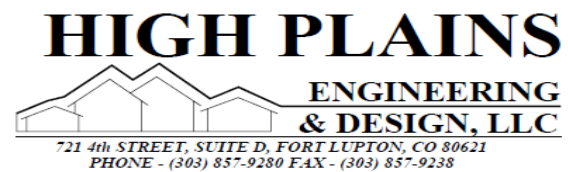
Preferred applicants will have:

- A PE or SE license
- Experience with Revit Structure modeling
- Experience in structural design of residential, commercial, industrial, or institutional buildings
- Experience working with architects

Personal attributes of many kinds may be acceptable, but an understanding of and dedication to client-centered service is a requirement.

Applicants for full-time positions should send a cover letter and resume to Greg Kingsley (gkingsley@klaa.com) and Jake Hohmann (jhohmann@klaa.com).

Please visit www.klaa.com for more information about our firm.



High Plains Engineering & Design, Ft. Lupton, CO

High Plains Engineering has an immediate opening for a highly motivated structural engineer to join our team. We are seeking a structural engineer to work on various residential, commercial, agricultural and industrial projects.

Qualifications

- Bachelor's degree in structural engineering with experience in geotechnical engineering
- 6 to 8 years of progressive structural engineering experience
- Registered PE in Colorado or the ability to obtain license within six months
- Knowledge of local geology, structural design methods, standard construction practices and IRC/IBC codes
- Demonstrated ability to design, detail, coordinate and model multiple projects
- AutoCad literate in producing plan work, details, notes and general editing
- Strong background and understanding of computer analysis and design software
- Ability to foster positive internal, client and contractor relationships

To apply, send your resume, compensation expectations and cover letter explaining how your experience directly relates to the position and how you meet the minimum qualifications to

jobs.at.highplainsengineering@gmail.com Failure to submit a cover letter with compensation expectations may disqualify you from consideration.

EMPLOYMENT OPPORTUNITIES

Structural Engineers Association of Colorado



ZAP Engineering & Construction Services

Midstream Oil & Gas – Lakewood, CO

Bachelor of Science, Civil Engineering with 5-10 years experience to work for an engineering consulting firm in the Oil and Gas industry. Candidates from the oil and gas or other heavy industrial industries are preferred. Candidate will be responsible for performing Lead Structural Engineering tasks while working in a fast paced atmosphere. Candidate will be expected to work on more than one project at a time. Individual must be self-sufficient, yet be able to take direction when given. Individual must also be driven to succeed, eager to learn, a team player, and an effective communicator.

Required Qualifications:

- 5-10 years of experience in the Oil and Gas or other heavy industrial industries.
- PE license is a must.
- Project lead experience is preferred.
- Experience with the International Building Code, OSHA, ASCE 7, ACI 3-18, and the ASCE Steel Construction Manual.
- Working knowledge of ACI 3-18 Appendix D anchor rod design.
- Proficiency with RISA 3D, RISA Foundation, and Microsoft Excel. Experience with AutoCAD is a plus.

To apply and learn more about our opportunities, visit www.zapecs.com -Send a cover letter and your resume/CV to hildrethl@zapecs.com



Structural Investigative Engineer

Martin/Martin, Inc.'s Investigative Group has an opening for a creative and experienced structural engineer who will work for various project managers on different project types within the Investigative Team. The successful candidate will have the opportunity to develop a broad range of expertise in many areas of investigative engineering, including forensic analysis, historic preservation, non-destructive testing, fall protection, seismic retrofit, repair, and remodel work.

Required Qualifications:

- 3 to 6 years of progressive structural engineering experience
- Registered Professional Engineer in Colorado or able to obtain within 1 year
- Master's degree in Civil or Architectural Engineering, with an emphasis on structures
- Strong knowledge of building and design codes
- Strong background and understanding of computer analysis and design software
- Excellent time-management skills
- Self motivated and able to work independently
- Demonstrates strong commitment to continued personal growth and development in all aspects of their work

To apply and learn more about our opportunities, visit www.martinmartin.com. Send a cover letter, resume, course transcripts and specific project experience.

EMPLOYMENT OPPORTUNITIES

Structural Engineers Association of Colorado

STRUCTURAL DRAFTER/MODELER (BOULDER)



JVA has an opening for a creative and highly motivated Drafter/Modeler to work in our downtown Boulder office.

Qualifications:

1. REVIT and AutoCAD power user.
2. Comfortable creating and maintaining sophisticated REVIT families.
3. Experience working with a variety of building types and systems.
4. Collaborative and client service oriented individual.
5. Excellent writing and verbal communication skills.
6. Flexibility and desire to work on multiple projects.
7. *Sharepoint/ASP Classic* programming experience desirable.

JVA is headquartered in beautiful downtown Boulder, Colorado, with a northern office in historic Old Town Fort Collins and a mountain office in Winter Park. Established in 1956, JVA is an 80-person structural, civil, and environmental engineering firm serving architects, owners, and builders on projects throughout the Rocky Mountain region and nationwide.

We have assembled a talented team of engineers, drafters, and support staff who provide high quality services consistent with JVA's corporate philosophy. JVA is a member of the U.S. Green Building Council and we are committed to designing high performance buildings and sustainable sites. Our building portfolio includes institutional facilities, residential construction and commercial buildings. We specialize in historic preservation and our structural team is working on National Park projects in multiple regions of the United States.

JVA is committed to excellence and is a caring company focused on our staff. We are an open book organization that offers our staff flexibility and encourages community involvement. Staff training and continuing education is important to our culture and JVA's staff is active in builder's groups and professional organizations such as SEAC, ACEC, DBIA, AIA Colorado, Colorado Preservation Inc., and the Association of Preservation Technology.

Please visit our website at www.jvajva.com

Competitive benefit package

STRUCTURAL PROJECT ENGINEER (BOULDER)

JVA has an opening for a creative and highly motivated Structural Engineer to work in our downtown Boulder office.

Qualifications:

1. 5 years experience minimum; licensed Professional Engineer.
2. Expertise in all building types and systems preferred. Strong technical skills required: Building design experience with wood, masonry, steel, and concrete is essential. Seismic design experience is desirable.
3. Excellent writing and verbal communication skills are required.
4. Experience with REVIT and AutoCAD is desirable.
5. Flexibility and desire to work on multiple projects is essential.
6. Motivated, service oriented, and must have a passion for engineering.

JVA is headquartered in beautiful downtown Boulder, Colorado, with a northern office in historic Old Town Fort Collins and a mountain office in Winter Park. Established in 1956, JVA is an 80-person structural, civil, and environmental engineering firm serving architects, owners, and builders on projects throughout the Rocky Mountain region and nationwide.

We have assembled a talented team of engineers, drafters, and support staff who provide high quality services consistent with JVA's corporate philosophy. JVA is a member of the U.S. Green Building Council and we are committed to designing high performance buildings and sustainable sites. Our building portfolio includes institutional facilities, residential construction and commercial buildings. We specialize in historic preservation and our structural team is working on National Park projects in multiple regions of the United States.

JVA is committed to excellence and is a caring company focused on our staff. We are an open book organization that offers our staff flexibility and encourages community involvement. Staff training and continuing education is important to our culture and JVA's staff is active in builder's groups and professional organizations such as SEAC, ACEC, DBIA, AIA Colorado, Colorado Preservation Inc., and the Association of Preservation Technology.

Please visit our website at www.jvajva.com

Competitive benefit package

EMPLOYMENT OPPORTUNITIES

Structural Engineers Association of Colorado

JVA has an opening for a creative and highly motivated structural engineer to work with our Historic Preservation and Residential teams in our downtown Boulder office.

Qualifications:

1. 5 years' experience minimum; license Professional Engineer.
2. Experience assessing historic structures or existing buildings and designing repairs and alterations important.
3. Experience in multi-family residential construction is highly desirable.
4. Strong technical skills required. Experience in wood and masonry design critical. Seismic, steel and concrete design experience also desirable.
5. Excellent writing skills and verbal communication required. Experience writing technical structure assessment reports desirable.
6. Experience with REVIT and AutoCAD.
7. Primary responsibility will be in our Historic Preservation department. Flexibility and desire to work on multiple projects is essential.

JVA is headquartered in beautiful downtown Boulder, Colorado, with a northern office in Fort Collins and a mountain office in Winter Park. Established in 1956, JVA is a 80-person structural, civil and environmental engineering firm serving architects, owners, and builders on projects throughout the Rocky Mountain region and nationwide. JVA has a strong background in preservation and renovation work on historic buildings, and we are the only firm in Colorado with a Historic Preservation Department dedicated to this effort. We provide forensic, stabilization, renovation and preservation services on a large variety of historic structures ranging from dilapidated barns and mining cabins to high profile buildings with Historic Register listings.

At present we provide services to the National Park Service on several A/E teams team for both historic and new work in multiple regions of the country. We've completed dozens of NPS projects involving visitor centers, auditoriums, comfort stations, shelters and housing.

JVA is active with the U.S. Green Building Council, and many of our engineers are LEED Accredited Professionals. In addition JVA Inc. is fully committed to ongoing staff training,

Please visit our website at www.jvajva.com
Competitive benefit package.



WELCOME

Please Welcome Our New Members

Christopher Bergmeier (Professional Member)
Wallace Engineering

Kevin Fitzpatrick (Professional Member)
Wallace Engineering

Max Lehman (Professional Member)
Wallace Engineering

Christopher Nelson (Professional Member)
Froelich Engineers, Inc.

IMPORTANT

SEAC Fall Seminar

Thursday, October 23, 2014

Sheraton Denver West

Mark Your Calendar

If you would like to place an employment ad.

Please contact Caryn Farrell at

seac@martinmartin.com. Cost is \$100.00

Payments can be made via our website at
www.seacolorado.org

SPONSORS - THANK YOU

Structural Engineers Association of Colorado

OLSON&OLSON, Ltd

JULY SPONSOR

**OLSON &
OLSON Ltd**

SAME COMPANY · SAME VALUES · NEW LOOK

COMMERCIAL INSURANCE | PROFESSIONAL INSURANCE | PERSONAL INSURANCE | SURETY SERVICES
SAFETY AND RISK MANAGEMENT | EMPLOYEE BENEFIT SERVICES | WORKERS' COMPENSATION

INTRODUCING OUR NEW LOOK

We are pleased to announce the launch of a refreshed brand and website for Olson & Olson, Ltd. Our renewed brand is an integral part of company growth, reflects our enduring commitment to excellence and the strength of our valued client partnerships. This vision solidifies our position and reinforces our dedication to meeting some of the country's most challenging risk management needs.

GIVE US A CALL TODAY
SO WE CAN BACK YOU UP TOMORROW.

303-867-2055
olsonandolson.com

Do you know someone that would be interested in sponsoring a SEAC Meeting?

Please contact Jim Ness, Past-President
303-623-4927 - jness@monroe-newell.com

SPONSORS
Your Logo Could Go Here!

SEAC COMMITTEES... We Need You!

Structural Engineers Association of Colorado

Have you considered joining a committee? Your participation is what makes our organization so successful. If you are interested in joining, please click on the one of the links below to get in touch with a Committee Chairperson, or feel free to contact one of the Board of Directors.



STRUCTURAL ENGINEERS ASSOCIATION OF COLORADO

COMMITTEE CONTACT LIST

	Committee	Chair	Phone	Chair Email	Board Liaison	Liaison Email
1	Construction Industry	Mark Cormier	303-444-1951	mcormier@jvaiva.com	Jim Ness	jness@monroe-newell.com
2	BIM	Dezi Mackey	303-431-6100	dmackey@martinmartin.com	Don Carroll	don.carroll@jrharrisandco.com
3	Building Dept. Survey	DORMANT	303-447-2813		Bob Patillo	bob@paengineers.com
4	Business Management	Wayne Muir	303-399-5154	wayne@sci-denver.com	Paul Hause	paul@sci-denver.com
5	Denver Building Dept.	Jerry Maly	303-914-4300	jmaly@wje.com	Paul Hause	paul@sci-denver.com
6	Education	Natalie Mozer-Renn	303-870-5039	mozerrenn@comcast.net	Jim Ness	jness@monroe-newell.com
7	Ethics	DORMANT			Bob Patillo	bob@paengineers.com
8	Geotechnical	John Reins	720-962-8688	jreins@wje.com	Don Carroll	don.carroll@jrharrisandco.com
9	Legislative	Andrew Kelsey	303-499-3022	a.kelsey@ascentgrp.com	Susan Jorgenson	SusieJorg315@comcast.net
10	Membership	Jerry Maly	303-914-4300	jmaly@wje.com	Ben Cook	BCook@wje.com
11	NCSEA Liaison	Brent Norris	303-860-9021	brent.norris@jrharrisandco.com	Susan Jorgenson	SusieJorg315@comcast.net
12	Nominating	Jerry Maly	303-914-4300	jmaly@wje.com	Paul Hause	paul@sci-denver.com
13	Northern Colorado	Cody Geisendorfer	970-416-7891	codyag@live.com	Bob Patillo	bob@paengineers.com
14	Precast Concrete	Alex Mihaylov	303-298-1900	amihaylov@enconunited.com	Tom Skinner	tskinner@jvaiva.com
15	SEER	Brent Norris	303-860-9021	brent.norris@jrharrisandco.com	Don Carroll	don.carroll@jrharrisandco.com
16		Mike Piper	303-431-6100	mpiper@martinmartin.com		
17	Scholarship	Stan Neujahr	303-377-2732	stanneujahr@neujahrgorman.com	Tom Skinner	tskinner@jvaiva.com
18	Seismic Standards	Jim Harris	303-860-9021	Jim.Harris@jrharrisandco.com	Ben Cook	BCook@wje.com
19	Snow Loads	Jeanette Torrents	303-444-1951	itorrents@jvaiva.com	Bob Patillo	bob@paengineers.com
20	Standard of Practice	Jim Ness	303-623-4927	jness@monroe-newell.com	Jim Ness	jness@monroe-newell.com
21	Steel Materials	Bruce Wolfe	303-399-5154	bruce@sci-denver.com	Tom Skinner	tskinner@jvaiva.com
22	Web Site	David Poe	303-783-4797	david@anchoreng.com	Susan Jorgenson	SusieJorg315@comcast.net
23	Western Slope (Proposed)				Bob Patillo	bob@paengineers.com
24	Wind Loads	Jeanette Torrents	303-444-1951	itorrents@jvaiva.com	Tom Skinner	tskinner@jvaiva.com
25	Young Engineers	Mathew Peterson	303-726-2909	peterston.matt.s@gmail.com yeg.seac@gmail.com	Paul Hause	paul@sci-denver.com