

ASPELA TIMES

The News of the Los Angeles Chapter of The American Society of Plumbing Engineers

www.aspela.com

June 2023

Volume 23 Issue VI

PRESIDENT'S REPORT

Thura Zin CPD, GPD

President



May Speaker:
Andrew Heck
Regional Product Educator STRIEM

Our May meeting was unbelievable. We would like to thank Amir and his La Kertz Innovation team for providing the chapter meeting at their campus. Since our meeting's starting time was around 5:15 pm, we did not have enough time to finish the tour within the campus. We have 47 ASPE members and LADWP, LADBS and Kertz total combined 95 attended. Amir already invited us for next year's 2024 May meeting in their campus. I would like to thank Andrew Heck, Region Product Educator from Striem, for the sand/ oil interceptor presentation.

ASPE Product Show & Education Seminars Flyer
See back of this newsletter

June Meeting

Date: June 7 2023

Time: Check-in will start at 5:30pm. Presentation to begin at 7:00 pm.

Place: Courtyard Marriott
2100 Empire Avenue
Burbank CA 91504

Program: Planning Plbg Systems for Water Management Compliance

Speaker: Mr. Greg Swafford
Technical Sales Manager,
Commercial Water
Georg Fischer LLC

Future events include:

- ASPE Golf: 6-16-23
- ASPE Product Show 8-16-23
- ASPE Picnic: 10-8-23

See inside for Details...



Upcoming meeting is going back to the Burbank Courtyard. In the month of June Mr. Greg Swafford, Technical Sales Manager, Commercial Water division from Georg Fisher LLC. He will present the "Planning Plumbing System for the Water Management Compliance".

We are planning to RSVP online and pay at the same time when you RSVP at our website. This month's meeting, you can RSVP online, but we're not able to receive payment online. We will let you know when you can submit the payment online. If you RSVP online our, VP Technical Vahan, will get notification at the same time with you.

please continue reading on page 20

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AMERICAN SOCIETY OF PLUMBING ENGINEERS LOS ANGELES CHAPTER

June 7, 2023, Meeting

“Planning Plumbing Systems for Water Management Compliance”

By Mr. Greg Swafford

Technical Sales Manager, Commercial Water

Georg Fischer LLC

WHAT YOU WILL LEARN:

The presentation will cover the following topics, with time for questions:

- Describe current regulation and compliance developments.
- Outline key components to water safety and management within potable water systems.
- Recognize plumbing system challenges that impact water safety and compliance.
- Explain the benefits of creating water management focused design requirements.
- Describe plumbing system methods that can improve water safety and simplify compliance.
- Review real-world applications for managing risks and improving compliance using automated technology.

MEETING LOCATION:

*COURTYARD BY MARRIOTT BURBANK
2100 W EMPIRE AVE, BURBANK, CALIFORNIA 91504*

MEETING SCHEDULE:

5:30 pm – Check in.

6:30 pm – 7:30 pm – Presentation

COST: Pay at door only

Meeting Fee:

RSVP - \$55 and Retired BOD: \$30

Without RSVP - \$60

RSVP Online:

[RSVP](#)

By: June 6, 2023

THE SPEAKER:



Greg Swafford, CPD, GPD, ASSE 12080

BIO

- Greg Swafford is a Technical Sales Manager for GF Piping Systems, he is responsible for the growth and oversight of the U.S. commercial water market segment through business development, product development, and the creation of technical resources as it relates to GF Piping Systems' commercial water products. In addition to his work with GF Piping Systems, he serves as ASPE Region 5 Affiliate Liaison.

Certifications

- ASPE Certified in Plumbing Design,
- ASPE Certified in Green Plumbing Design,
- ASSE 12080 Certified Legionella Water Safety & Management Specialist

If you have additional questions or needed information on his presentation, you can reach him at: greg.swafford@georgfischer.com

For more information, visit our website, @www.aspela.com.



Women of ASPE is offering a scholarship to help a deserving WOA member attend ASPE's [2023 Tech Symposium](#) in Bellevue, Washington this fall. The goal of this scholarship is to foster the growth and professional development of women in the field of engineering.

Scholarship Amount

The scholarship will cover expenses up to \$3,000, including a one-year membership renewal, full registration to the 2023 Tech Symposium, special events, round-trip airfare, hotel accommodations, airport transportation, and meals.

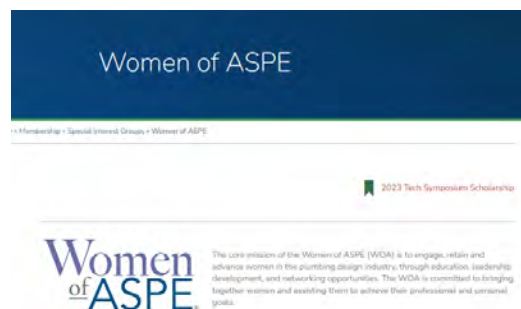
Eligibility Requirements

To be eligible to apply, you must be:

- A female either employed in a plumbing-related field OR currently enrolled in an engineering program as a student
- A current member of ASPE
- A current member of WOA

Look for the Technical Symposium WOA Scholarship form on the WOA page of ASPE.org- <https://www.aspe.org/membership-global-community/membership/special-interest-groups/women-of-aspe/>

Scholarship Applications are due May 26th.



Stay tuned for a Strong Women of ASPE podcast on the founding of the ASPE Arkansas Chapter.

Linda Deunay
Region 4 Women of ASPE

STATE-FUNDED CADD/BIM TRAINING (2) SCHEDULE (ACH&T)

Online Live instructor Interactive

CLASS	DAYS	START	END
Revit Architecture	M W (5:30 to 9:30 pm.)	5/17/23	8/16/23
MEETING DATES: *May-17, 22, 24, 31 *June-5, 7, 12, 14, 19, 21, 26, 28 *July-5, 10, 12, 17, 19, 24, 26, 31 *August-2, 7, 9, 14, 16			
Revit MEP	M W (5:30 to 9:30 pm.)	5/18/23	8/16/23
MEETING DATES: *May-17, 22, 24, 31 *June-5, 7, 12, 14, 19, 21, 26, 28 *July-5, 10, 12, 17, 19, 24, 26, 31 *August-2, 7, 9, 14, 16			
Revit Structure	T TH (5:30 to 9:30 pm.)	5/18/23	8/15/23
MEETING DATES: *May-18, 23, 25, 30 *June-1, 6, 8, 13, 15, 20, 22, 27, 29 *July-6, 11, 13, 18, 20, 25, 27 *August-1, 3, 8, 10, 15			
Revit MEP	T TH (5:30 to 9:30 pm.)	5/18/23	8/15/23
MEETING DATES: *May-18, 23, 25, 30 *June-1, 6, 8, 13, 15, 20, 22, 27, 29 *July-6, 11, 13, 18, 20, 25, 27 *August-1, 3, 8, 10, 15			
Civil 3D	T TH (5:30 to 9:30 pm.)	5/18/23	8/31/23
MEETING DATES: *May-18, 23, 25, 30 *June-1, 6, 8, 13, 15, 20, 22 *July-18, 20, 25, 27 *August-1, 3, 8, 10, 15, 17, 22, 24, 29, 31			
Bluebeam	T TH (5:30 to 8:30 pm.)	5/18/23	7/27/23
MEETING DATES: *May-18, 23, 25, 30 *June-1, 6, 8, 13, 15, 20, 22, 27, 29 *July-6, 11, 13, 18, 20, 25, 27			
Revit Arch. Friday (5:30 to 8:30 pm.) Saturday (8 am. to 1 pm.)		5/19/23	8/18/23
MEETING DATES: *May-19, 20, 26 *June-2, 3, 9, 10, 16, 17, 23, 24, 30 *July-7, 8, 14, 15, 21, 22, 28, 29 *August-4, 5, 11, 12, 18			
AutoCAD Friday (5:30 to 8:30 pm.) Saturday (8 am. to 1 pm.)		5/19/23	9/8/23
MEETING DATES: *May-19, 20, 26 *June-2, 3, 9, 10, 16, 17, 23 * July-21, 22, 28, 29 *August-4, 5, 11, 12, 18, 19, 25, 26 *September-1, 2, 8			

For Enrollment, please contact BARRY barry@ach.edu OR barry@westech.edu OR call 949-393-8866, www.ach.edu click on State-Funded Training Program

TECHNICAL REPORT

Vahan Margaryan CPD, GPD
V.P. Technical

We had such a great gathering at the LADWP’s at our May 3rd meeting – attendance far exceeded any or our expectation. Along with ASPE, LADWP, LADBS and other guests there were 90 plus people. I would like to extend ASPE LA board’s appreciation message to the entire La Kretz Innovation Campus staff for providing such a great venue and guiding us around the campus, answering any and all questions, and conducting short presentations. I would especially like to thank LADWP’s Amir Tabakh, Armen Saiyan and Richard Garcia for precise logistics and all back of the house organizing work. Amir also proposed to conduct once a year one of the ASPE LA’s meetings at the La Kretz Innovation Campus – so mark your calendar we will be back to LADWP’s facility on May 2024. Oil separators presentation that was provided by Striem’s Andrew Heck clearly was in alignment with campuses environmental and decarbonization goals and was very positively met by attendees. Once again kudos to all LADWP’s La Kretz Innovation Campus staff for

hosting and Striem and Renco personal for presentation and tabletop. Special shout out to Manuel Hernandez for leading meeting participants from LADBS – having frequent visitors from LADBS plan reviewers and inspectors at ASPE LA meetings will be very beneficial for both parties.

For the June 7th meeting we are going back to our Courtyard by Marriott Burbank Airport at 2100 Empire Ave, Burbank, CA 91504 location and as always RSVP is required so Courtyard kitchen could prepare adequate number of meals.

Quick reminder:

1. Golf Tournament- Friday, June 16, 2023. An official flyer is posted on the ASPE LA website. Reach out to Thura zin, Bill Siler or myself if you have any questions.
2. ASPE LA Chapter product show and technical seminar is set for August 16th, 2023. Vivian was able to finalize the location - Los Angeles Marriott Burbank Airport and we already have confirmation

continued on page 13

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TEST REPORT

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Report Number: 2536-18001-002 Project No.: 29225
Report Issued: February 26, 2018.
Client: Aqua-Rex
3301 Spring Mountain Road Ste 18
Las Vegas, NV 89102 Contact: Jonny Secombe
Source of Samples: The samples were shipped to IAPMO R&T Lab from Aqua-Rex, and received in good condition on October 11, 2017.
Date of Testing: October 25, 2017 through December 15, 2017.
Sample Description: Scale Prevention Device; model: Aqua-Rex WK1-E.
Scope of Testing: The purpose of the testing is to determine the efficacy of the Scale Prevention Device per section 5 of IAPMO IGC 335-2018, entitled “Rapid Scaling Test for Scale Prevention Devices”.

CONCLUSION: When tested per Section 5 of IAPMO IGC 335-2018, Aqua-Rex WK1-E reduced scaling by 83% when applied to Las Vegas water heated to 180°F.

Tested by,

Reviewed by,

Hank Ninh
Hanks Ninh, Project Engineer

Sean Vuu
Sean Vuu, P.E., Manager, Specialty Projects

LEGISLATIVE REPORT • Vivian Enriquez CPD, FASPE • V.P. Legislative

Hello everyone! This will be the last issue regarding the LADWP's governing water service rules. The last Rule that I am going to share is RULE No. 13.

Good news for our membership!!! I had been quite busy (along with our President and VP Technical, Thura & Vahan) planning the upcoming ASPE-LA Product Show and Technical Seminars. It is in the final planning stage and the location will be announced in a week via a separate posting on our E-ASPELA newsletter. Watch out as this event will be much different from our previous Product Show.

RULE NO. 13 TEMPORARY SERVICE**PART 13-W TEMPORARY WATER SERVICE CONNECTIONS****A. Establishment of Temporary Water Service**

1. The Department will, if no hardship will result to its existing Customers, furnish temporary water service when the Applicant has requested service on this basis or where the Department reasonably expects the service to be temporary.

A Temporary Service may be disconnected at any time after expiration of the period for which Applicant stated it was required or when, in the opinion of the Chief Engineer of Water Works, the service is no longer temporary in nature or when the use of such Temporary Service no longer conforms to Department practice. Applicants shall make in advance the payments provided in this Rule.

- a. **Temporary Service from Existing Connections** An existing connection which is not being used may be used for Temporary Service, but if it is required at any time to permanently serve the property which it enters, its use for Temporary Service shall be discontinued. A charge consisting of an amount to be determined from time to time by the General Manager will be made for providing such temporary use.

- b. **Installation of Temporary Service Connection**

Where installation of a temporary Service Connection is required, Applicant shall pay the applicable charge.

- c. **Meter May Be Required**

The Department may require that a meter be installed on any temporary Service Connection and charge the applicable ordinance rate for the service provided. The charge for a meter shall be as provided for in Rule No. 16 titled "SERVICE CONNECTION AND CUSTOMER'S FACILITIES." If a metered Temporary Service is terminated and the meter is recovered within two years from the date of installation by the Department, the meter charge will be refunded upon application as follows: If recovered within three months, 85 percent; six months, 75 percent; two years, 50 percent.

continued on page 26



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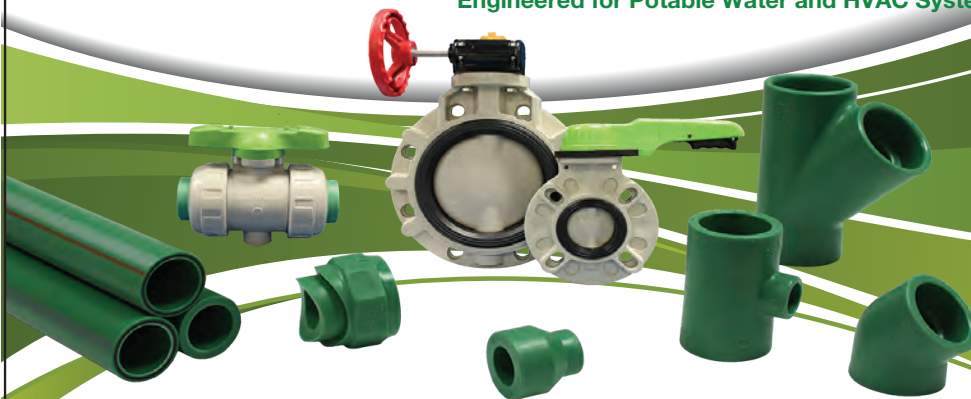
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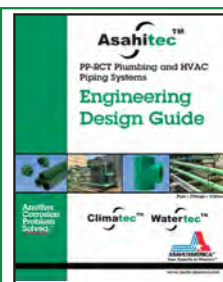
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GENERAL MEETING MINUTES

Jeff Atlas

Administrative Secretary... and your newsletter editor

Well, dog-gone-it, I had to miss this meeting! Sure sounds like it was good. 90 people in attendance!

People, we are back in full swing with a robust agenda:

- **Golf:** 6-16-23
- **Product Show** 8-16-23
- **Picnic:** 10-8-23
- **Fishing... maybe:** ? -?- 23

GAS BAN UPDATE:

Kook Dean

Past President - Los Angeles chapter

To deal with environmental and climatic conditions, the City of Los Angeles has ordained that all newly constructed buildings be fitted with all electrical infrastructure. All electric buildings contain no combustion equipment such as fuel or gas piping that provide energy for appliances and/or equipment and such structures are expected to rely solely on electricity. (<https://ladbs.org/services/green-building-sustainability>)



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I saw a city bus fueled by "clean natural gas" just a couple weeks ago in the city of Ventura... hmmm...

See you all on June 7th at the Airport Marriott in Burbank. 😊

Attached (email Kook for a pdf copy) for your information is a copy of the published opinion from the Ninth Circuit court. The Ninth Circuit court ruled against the City of Berkeley ordinance banning the use of natural gas piping in new buildings within the city limits.

In my opinion: The ordinance for all electric buildings is null and void. The Los Angeles City Department of Building and Safety (LADBS) should issue a Memorandum of Understanding (MOU) referencing the ordinance for all electric buildings currently suspended until further notification.

For more information on my related certifications, education, and work experience: Kook Dean - LinkedIn

Kook K. Dean 😊
 213 280 1691 cell • kkdean2000@gmail.com

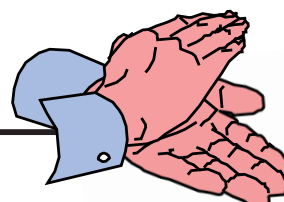
WHO Showed up?

Attendance for the **May 2023 Meeting...**

The total number in attendance was


90!

plus our speaker!




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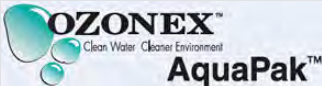
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continued from page 5

from speaker for at least three technical sessions. More details will be provided in our July newsletter. Note to our vendors – if you are interested in showcasing your product, please contact Thura Zin, Vivian Enriquez or myself for pricing and space availability.

3. 3. Summer picnic – tentatively scheduled for October 8th, 2023. Most probably it will be held at Elysian Park. More details will be published in our July newsletter.

Reminder -the 2023 ASPE Tech Symposium, will be held from September 28 – October 1, 2023 in Bellevue, Washington (outside of Seattle). It will be the premier professional development event for plumbing engineers and designers to learn new skills, advance their careers, and improve productivity for their companies and clients. If you are interested to present at this event,

please submit your application at aspe.org/2023-presenter-application. The registration is already open and early bird rate is good until June 30, so register soon at aspe.org/2023-tech-symposium.



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MEMBERSHIP REPORT

Robert Galaviz CPD
V.P.Membership

I am happy to announce that we have welcomed a new member, Chen Zhu, P.E., to our local chapter this month. Please join me in extending a warm welcome to Chen as they become part of the ASPE community.

As we continue to strive for growth and engagement within our community, I urge all members to continue seeking out new potential members who can benefit from joining ASPE. Membership provides access to valuable resources, networking opportunities, and professional development, while also strengthening our organization.

If any of our members have questions or concerns about membership, please feel free to reach out to me directly. If you'd like to sign up to become a member or renew your membership, please visit the following URL: <https://www.aspe.org/membership-global-community/join/>



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PRESIDENT: continued from page 1

I would like to encourage our chapter members to join our in-person meeting and RSVP online early. We are increasing the meeting fee starting from this month's June 2023 meeting, to \$55 for all attendees and \$30 for the past BOD retiree.

Remember the Annual Donald F. Dickerson golf tournament will be held on Friday, June 16th, 2023, at Brookside Golf & Country Club, Pasadena. We encourage our members to come and join. If you are interested in coming and playing, please contact our Golf Tournament Chair – Bill Siler. The play will be the team best ball format and check-in begins at 6:00 am and shotgun starts at 8:00 am. Please don't be late to get breakfast.

This year ASPE – LA Families annual picnic will be held on Sunday October 8, 2023, at Elysian Park's Old Lodge Picnic Area near Dodger's Stadium. We are planning no cost to our members' families and friends. But if you want to participate in the prizes for the games, we will accept these. Please contact our chair Kook or chapter officers, for more details. Also, let us know what kind of activity you all want to do.

Vahan and I will attend this year's ASPE Chapter Leadership Summit 2023 in Chicago on June 23 to 25.

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2023 ASPE Technical Symposium will be held in Bellevue, Washington, September 28 to October 1, 2023. The registration is open now. There is an early fee of \$645 till June 30, 2023 and after that fee will be \$705 for the member. If you are AYP, you can join the Pre-Symposium event at ASPE Young Professionals Leadership Academy on Thursday September 28. At the symposium, you all can choose a variety of professional development sessions in several tracks to customize your learning experience. Here is the link for registration: <https://www.aspe.org/2023-tech-symposium/>

This year ASPE - LA Chapter Product Show, which will be held on August 16. Two or three technical sessions in the morning and the product show will be after lunch. All manufacturers' sales representatives, if you are planning to participate in our product show, please contact our VP Technical Vahan. Also, if you want to volunteer for this event, please contact him also. Please save this date as well and we look forward to seeing you at hopefully all our exciting upcoming events!

This year, we are planning more fun for our members. Next is the Holiday Party. Date is not set yet.

In future, we are planning to start using the RSVP and paying online in advance. If you are not RSVP and pay at the door will be added \$5 more. Starting from this month's meeting we assign the Sergeant-at-Arm and don't be late or come without RSVP, you'll be fined for that.

As always, do not hesitate to reach us or any board member for any topics that you may want to see in any of our technical programs. Watch your email for the next meeting invite and I look forward to seeing you all at the next meeting.



 CPMCA	<p>CPMCA California Plumbing & Mechanical Contractors Association</p>
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riser delivers domestic hot water created centrally by recovering heat from a CHP system. Water enters the apartment in the utility closet and there are two water meters in each apartment, one for cold and one for hot water.

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Typical 1-2 bedroom apartments at 360 State Street average 45 to 55 gallons of water use per day. This is almost half the national average of 70-90 gallons per day. This savings is the result of billing tenants for water and proactive water leak detection. Another energy-savings benefit came from billing tenants for electricity and providing thermostat controls resulting in heating & cooling costs being 10 to 20% below apartments without submetering.



Read the full case study on 360 State Street by visiting H2O Degree's website at www.h2odegree.com/aspela.php



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B. Temporary Water Supply from Fire Hydrants*continued from page 6*

1. General Provisions

A temporary supply of water for purposes other than extinguishing fires may be secured from existing fire hydrants on application in accordance with the provisions of this Rule. The Applicant shall designate the period of time and purpose for which water is to be used. The Department may discontinue the supply and remove its equipment at the expiration of the period so designated or if the supply is used for any purpose other than designated by the Applicant. The supply is subject to limitations as to rate of flow of water and on times of use. The Department may require that a meter be installed and charge the applicable ordinance rate for the service provided.

The Department will install all equipment necessary to furnish a temporary water supply and no water shall be used until such equipment is installed and arrangements have been made to pay for water to be used. A back flow prevention device may be required.

Applicant shall establish credit as provided for in Rule No. 6 titled "ESTABLISHMENT AND REESTABLISHMENT OF CREDIT," to secure payment of the Department's charges for furnishing, installation, removal, inspection, and rental of the equipment installed on a fire hydrant and charges for the water used. If credit is established by making a deposit, the amount 33 thereof shall be sufficient to secure payment for water used and the other charges by the Department. The fact that some fire hydrants are already equipped with auxiliary valves shall not change the application of this Rule. The Applicant shall not operate the main fire hydrant valve except in an emergency.

2. Charges In addition to the applicable ordinance rate for water services; Applicants for temporary supply from fire hydrants shall pay charges in an amount to be determined from time to time by the General Manager, for the following:

- a. Service charge for each application.
- b. The cost of installing and removing equipment to furnish and measure the temporary water supply. The cost of a meter will not be included in the installation costs when the meter is connected to a fire hydrant.
- c. Rental for equipment on each fire hydrant for metered and unmetered Services.
- d. Costs of an employee required by the Department, or requested by the Applicant, to be present to operate equipment for temporary water supply.
- e. Costs of an employee to observe water consumption for billing purposes.
- f. Costs of repairing Department-furnished equipment, damaged through carelessness or abuse, shall be charged to the Applicant. If any such equipment is removed from the fire hydrant by others and not recovered by the Department, the replacement cost thereof shall be charged to the Applicant.
- g. Charges may be deducted from any deposit hereunder. 😊

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2023 ASPE-LA PRODUCT SHOW & TECHNICAL SEMINAR

SCHEDULE

DATE:	Wednesday, August 16, 2023		
HOURS:	Seminar Registration:	8:00 AM - 9:00 AM	
	Seminar:	9:00 AM - 12:00 PM	
	Vendor Registration:	11:00 AM - 1:00 PM	
	Lunch:	12:00 PM - 1:00 PM	
	Product Show:	1:00 PM - 5:00 PM	
	Cocktail & Raffle:	5:00 AM- 7:00 PM	
LOCATION:	Quiet Cannon Conference & Event Center 901 N. Via San Clemente, Montebello, CA 90640		

The American Society of Plumbing Engineers (ASPE) Los Angeles Chapter is pleased to announce the 2023 ASPE-LA Product Show & Technical Seminar. See above for date & location. We will be offering three (3) seminars. The Seminars & Product Show will be offered free to your clients on a "First Come First Serve Basis with Registration" . There will be a separate Registration Form for the seminar with description of each topic.

The current Board Members request your support and help for this event by supporting and registering to be one of Exhibitors for the Product Show, to showcase your products. The seminars and product show will provide our engineering community the current technical information about your products.

Booths are available on a **FIRST COME FIRST SERVE BASIS** . Please submit your form, selected booth, and form of payment via email to:

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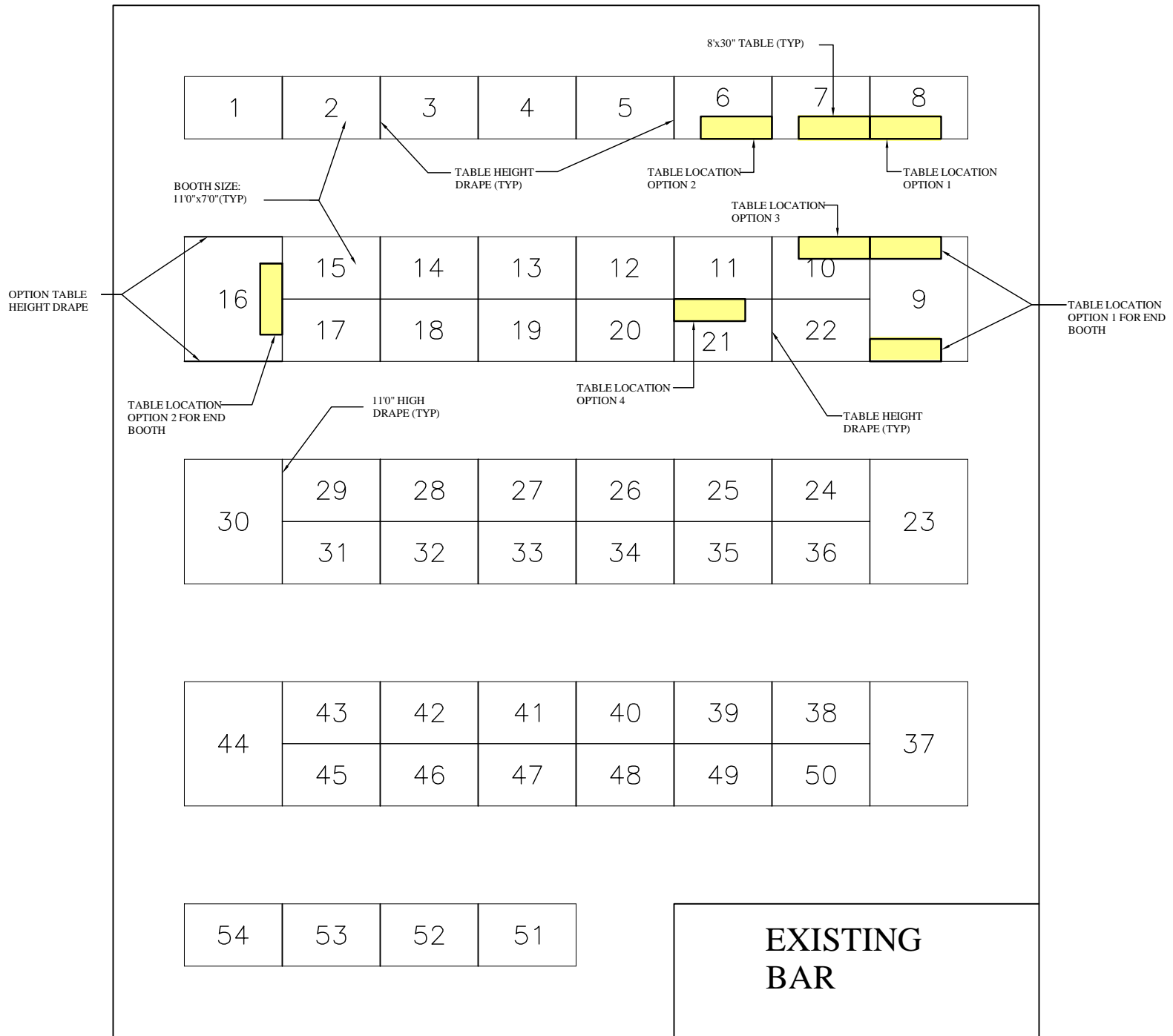
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