

DEC. - MEETING AGENDA

DATE:

TUESDAY, DECEMBER 14, 2021

WHERE:

This will be a *HYBRID Meeting*

**Plumbing Industry
Training Center in Troy, MI**

5:00 PM - 6:00 PM

Standpipes & Fire Pumps

6:00 PM - 6:30 PM

Dinner Break

6:30 PM - 7:30 PM

**Fire Protection - Dry Systems
Components and Sizing
(Compressed Air vs Nitrogen
Dry Systems)**

REGISTRATION REQUIRED

IN-PERSON: <https://www.eventbrite.com/e/aspe-emc-december-2021-technical-program-tickets-210587923147>

VIRTUAL: <https://education.aspe.org/products/eastern-michigan-chapter-meeting-fire-protection-standpipes-fire-pumps-and-dry-systems-dec-2021>

SEE INSIDE COVER FOR TABLE OF CONTENTS

From Pam Hartsell, CPD, PMP President of ASPE EMC



Happy Holidays Eastern Michigan!

The end of the calendar year is fast approaching and opportunities for giving are everywhere! Our toy drive, in partnership with ESD, is well underway and the gifts are starting to roll in. Thanks to everyone who has already donated or is planning to donate a little something for local kids in need. This year's drive will benefit two organizations: The Ennis Center for Children in Port Huron <https://www.enniscenter.org/>

and Methodist Children's Home Society in Redford <https://mchsmi.org>. We'll be collecting gifts at our December meeting, but if you'd prefer to donate money, a check can be sent to: ASPE EMC 4000 W. 11 Mile Road, Berkley MI 48072, and your EMC Board Members will take it from there!

If you haven't already heard, EMC Past President Brianne Hall was named Mechanical Engineer of the Year by PME Magazine. This is the second year in a row that one of our past presidents have taken home one of these honors and we are so proud of everything Brianne is doing to make a positive impact on industry. She truly embodies the spirit of a change-maker!

Our November meeting brought us some excitement with a discussion on the new, upcoming standard for tankless water heater design. One of our speakers, Jason Smith of Intellihot, offered his insight on how continuous recirculation could potentially mitigate the growth of Legionella in a domestic hot water system and a couple of veteran EMC members/water quality experts in the room passionately chimed in! Thankfully, the conversational exchange was respectful, and all contributing parties had the chance to share their expertise on the matter. It was a great example of why I was drawn to ASPE in the first place. I vividly recall witnessing a heated exchange between a presenter and an audience member about proper flushing procedures for laboratory waste and thought "If these people can get this upset about a hypothetical safety concern at 8:00pm on a Tuesday, they must really care!" That was over 10 years ago, and I've been coming back ever since.

Continuing a tradition of *Fire Protection in December*, we're excited to be welcoming back Karl Wiegand of Victaulic for both sessions. He'll be teaching us about fire pumps & standpipes, and then the ins and outs of dry systems. Karl has received great reviews from his past presentations so we know we can expect some really good content. You don't want to miss it!

Continued on page 2

Contents

President's Report 1 - 2
 Program 3
 In The Know 4
 EMC 45th Anniv. History Book 5
 VP Technical Report 6
 2022 ASPE Convention & Expo 8
 VP Membership Report 8
 Job Posting 12 - 13
 November Attendees 14
 Photos 15 - 20
 Code Study & Development Books . . . 24
 Mentoring Program 26
 Line Card Sponsors 27 - 28

DECEMBER BOARD MEETING

Virtual Online Meeting 12/7/2021 @ 4:30 PM

DECEMBER PROGRAM

HYBRID Meeting 12/14/2021, 5:00 - 7:30 PM

ASPE IS ACCEPTING APPLICATIONS FOR THE ALFRED STEELE SCHOLARSHIP

Contact ASPE National for more information at (847) 296-0002, or email info@aspe.org

President's Report (cont. from page 1)

Pam Hartsell, CPD

The dates for the 2022 Convention have been announced! Start planning now to join your fellow chapter and society members in Indy next September! More details are available at aspe.org.

Follow our LinkedIn page to keep up to date on what Your Chapter and fellow chapter members are up to: <https://www.linkedin.com/in/aspe-eastern-michigan-chapter-6333251b7/>

Stay warm, stay safe and keep your loved ones close! We hope to see you in December for another round of education and fellowship, here at the EMC.

Your Chapter President,

Pam Hartsell

president.aspe.ec@gmail.com

**Congrats to
 BRIANNE HALL!**

Named Plumbing & Mechanical Engineer Magazine's

2021

Mechanical Engineer of the Year



[READ THE ARTICLE HERE](#)

DECEMBER DESIGN SESSION

5:00-6:00 PM

TOPIC: Standpipes & Fire Pumps

This presentation will cover fire pump and standpipe basics including types of standpipes, water demand for standpipe systems and hose allowances, and how to size fire pumps.



**Presenter: Karl Wiegand, P.E.,
Application Engineer, Victaulic**

Karl works in the fire protection application engineering group at Victaulic where his primary duties consist of providing training, providing technical support, researching and development, and representing Victaulic's interests within the fire protection industry. Karl holds a

Karl Wiegand
Professional Engineering license in the field of Fire Protection Engineering and is a graduate of Worcester Polytechnic Institute with a Bachelor of Science degree in Mechanical Engineering and a Master of Science degree in Fire Protection Engineering. Over the last twelve years Karl has held positions on NFPA 15, NFPA 16 NFPA 24, and NFPA 750 as well as AWWA's Backflow, Water Metering, and Fire Protection committees and Underwriters Laboratory's UL199 STP. Karl continues to represent the sprinkler industry on NFPA 101, 820, and 5000 and Underwriters Laboratory's UL262 STP and the NFSA's Engineering and Standards Committee.

DECEMBER TECHNICAL SESSION

6:30-7:30 PM

TOPIC: Fire Protection - Dry Systems Components and Sizing (Compressed Air vs Nitrogen Dry Systems)

This presentation will cover dry pipe systems basics: the components, sizing and system considerations. We will also touch on nitrogen usage in dry pipe systems and how it compares to using compressed air.

**Presenter: Karl Wiegand, P.E.,
Application Engineer, Victaulic**

About Registration and CEUs:

If you are attending virtually: there is a link to register via the ASPE Education page. Please follow all directions. Using this platform for virtual meetings allows us to streamline the CEU process. So all attendees that plan to join virtually, need to register via the corresponding ASPE Education link. Our meetings will also be listed on the ASPE Education calendar, so you can find registration info there as well. <https://education.aspe.org/>

There is also a passcode that needs to be entered for the virtual meetings now. This passcode is in the email invite as well as listed in the webinar instructions.

If you will attend in person (when we can offer this option): You will need to register using an Eventbrite link that will be in the email. This allows us to know how many people we can expect in person. Thus, allowing us to make sure we maintain the indoor gathering limits imposed by the Governor, and also order enough food for all. For those that attend in person, we will still require sign in/sign out sheets and your CEUs will be submitted to national within 1 week of our event. It may take up to another 2 weeks for the CEUs to show in your ASPE Education log. The PITC does have guest protocols we will have to obey in order to meet there, so please follow all posted signage and procedures.

ASPE Pipeline
News for the Plumbina System Design Industry

<https://www.aspe.org/pipeline/>

IN THE KNOW

EMC 45TH ANNIVERSARY HISTORY BOOK NOW AVAILABLE FOR ORDER!

Available in time for the holidays. \$50 Each

Check or Credit Card Accepted

Pick up @ SES or during a Hybrid Chapter Meeting

FREE digital download on the ASPE EMC website.

TABLE TOP SPONSORSHIP PRICING

ASPE Members

- \$200.00 for the 1st table per meeting/per vendor
- \$150.00 for each additional table per meeting/per vendor

Non-Members

- \$250.00 for the 1st table per meeting/per vendor
- \$200.00 for each additional table meeting/per vendor

If a vendor purchases table tops for 3 meetings during the year, a 4th meeting table top will be provided for free.



A TOTAL, STATE-OF-THE-ART HOT WATER SYSTEM, ENGINEERED TO DELIVER A SUPERIOR LEVEL OF USER SAFETY, INFECTION CONTROL AND COMPLIANCE, FROM MECHANICAL ROOM TO THE POINT OF USE.

ABH
GAS-FIRED WATER HEATING

Leading-edge gas-fired institutional hot water generation, built for reliability, efficiency and durability.

THE BRAIN®
DIGITAL RECIRCULATION VALVE

Digital hot water temperature control that delivers unparalleled accuracy, stability and safety to mitigate the risk of Legionella and scalding.

RADA DIGITAL FAUCET

Hands-free, programmable, point-of-use fixtures have The Brain® digital technology built in, and offers thermal disinfection, duty flush, bacterial-resistant design and ASSE 1070 compliance.

SAGE® SMART HOT WATER SYSTEM MONITORING AND REPORTING

Advanced software provides regular updates, documentation, custom-filtered reports, and real-time alerts for compliance with industry guidelines and Standards of Care.

PROGRAMMABLE OPERATION AND FLOW CONTROL

SAGE® MONITORING

Chip.bidigare@merloenergy.com
(586) 256-9822

Bradley Commercial Washrooms. Brought to Life.
HANDWASHING & DRYING | ACCESSORIES | PARTITIONS | LOCKERS

CUTTING-EDGE HANDWASHING TAKES SHAPE

The next generation WashBar raises your restroom to new heights by providing touch-free soap, water and drying in an edgy new design for an unforgettable handwashing experience. The single connection point to the sink provides an impressive design element and creates more open space for cleaning.

ADVANTAGES OF THE WASHBAR

- Floating design for a simple and clean aesthetic
- Single connection point to the sink for easier cleaning
- Eliminates the cost and mess of paper towels
- Icons and LED lights to visually orient users
- Smart sensor technology eliminates false activations
- WashBar and bowl work together to keep water in the basin
- Gallon soap capacity to reduce the number of replacements
- Captures soap and water activations for maintenance planning

The new WashBar WB2 is available with the Verge® LVQ basin in Evero® natural quartz, OmniDeck® 5010 in Terreon® solid surface, or pair with a Terreon solid surface or Evero natural quartz undermount basin with the deck or countertop of your choice.

Verge LVQ-Series with WashBar WB2

OmniDeck with WashBar WB2

Evero undermount basin with WashBar WB2

AVAILABLE IN SIX BEAUTIFUL FINISHES

Brushed Black Stainless | Brushed Bronze | Brushed Brass | Brushed Nickel | Brushed Stainless | Polished Chrome

ALL-IN-ONE WASHBAR

All the fundamentals of handwashing have been thoughtfully designed into Bradley's innovative WashBar.

WASHBAR FEATURES

- CLEAN**
 - Touch-free activation
 - Low level LED indicator
 - Gallon (3.8 L) soap capacity
 - Simply replace soap tank – no cleaning or refilling
 - Liquid and foam soap
- RINSE**
 - Touch-free activation
 - 0.5 GPM (1.9 LPM)
 - Ultra-high efficient 0.35 GPM (1.4 LPM) option where water conservation is a necessity
- DRY**
 - Touch-free activation
 - Heated air stream dries hands quickly and efficiently
 - Adjustable speed for quieter hand drying

bradleycorp.com
800 BRADLEY | +262.251.6000
W42 N9101 Fountain Boulevard
Menomonee Falls, WI USA 53051
bradleycorp.com/washbar

Represented by New Century Sales:

WEST MICHIGAN	WEST MICHIGAN	EAST MICHIGAN	EAST MICHIGAN
Michael Zago	Rod Cox	Todd Hiller	Ross Beck
D (248) 960-1147 x.107	D (248) 960-1147 x.116	D (248) 960-1147 x.106	D (248) 960-1147 x.115
C (616) 293-2121	C (616) 706-1481	C (616) 633-2609	C (734) 673-2119
E mikez@newcenturysales.com	E rodc@newcenturysales.com	E toddh@newcenturysales.com	E rossb@newcenturysales.com

www.newcenturysales.com

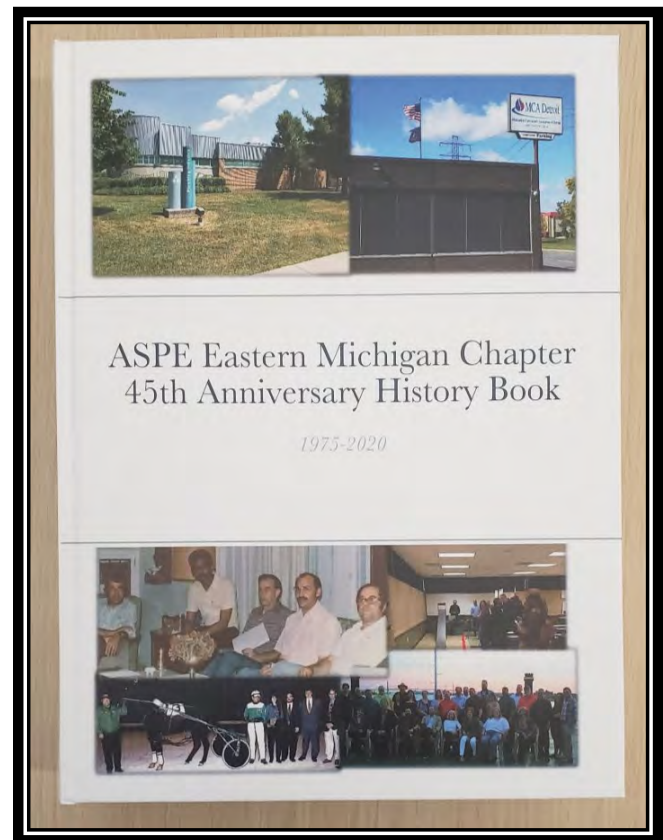
EMC 45TH ANNIVERSARY HISTORY BOOK IS AVAILABLE TO ORDER NOW!

Available in time for the holidays

\$50 EACH

Check or Credit Card
Accepted

Pick-up @ SES or
during a Hybrid
Chapter Meeting



Contact Theresa Card for orders:
vpt.aspe.emc@gmail.com or 248.988.4708



ASPE EASTERN MICHIGAN CHAPTER
WWW.ASPE.ORG/EASTERN-MICHIGAN

VP Technical Report

Theresa Card, P.E., CPD, LEED AP BD+C



Hello from your VP Tech!

Winter is here. Now we go into the days when it is dark when you get to work and dark when you leave. BUT that also means it is getting to be the time of holidays and fires in the fireplace and warm cider! I hope everyone's year has been okay thus far and I know we all hope for a better 2022. I also hope you all had a great Thanksgiving and

found one or two things to be thankful for this past year. One thing I am thankful for is our Chapter's Board. We really are a great group of people and very high functioning board compared to other chapters. Everyone does a great job of pulling their weight and it makes it so much easier for all to do their [volunteer] jobs!

On that note we are always looking to get some new blood onto the board- if you are interested, please let any current board member know!

Sponsor Appreciation

November Tabletop Sponsors: Performance Engineering, RL Deppmann, Balfrey & Johnston, Sales Service Plus, Nibco, Diversified Spec Sales and JW Sales!

Remember to support those who support the Chapter. Without their generous sponsorship we would not be able to provide you the wide variety and exceptional quality of programs we have. THANK YOU, SPONSORS!

Past Meeting Recordings

If you have missed any of the meetings last program year you can email, and I will send you the link or you can look at past newsletters. Below you will find the link to this program year's recorded meetings. If you would like copies of the pdf handouts, please email me to let me know. I apologize, but no CEUs can be provided for watching meeting recordings. Please note you will likely have to copy the text below and paste into a browser to see the videos – as we have found some cannot click the links directly from the newsletter itself.

September 2021 Presentations Recordings: Right Sizing Plumbing: An Overview and Plumbing 101

- <https://youtu.be/B2jR9wO7JHM>

October 2021 Presentation Recording: Metered Flow vs Traditional Sizing and Utility Rebates Panel Discussion

- <https://youtu.be/mXxpKw7UCrs>

November 2021 Presentation Recording: Right Sizing Water Heaters and Submersible Pumps

- <https://youtu.be/mXxpKw7UCrs>

November's presentations were both very, very good. I highly suggest that you watch the recordings – I know you will learn a thing or two!

December Program

We hope you can join us for another great meeting in December on Fire Protection, whether in person or virtually. See links below to register! We like to save December each year for this topic that we all get so little training on – we hope you enjoy it.

In person: <https://www.eventbrite.com/e/aspe-emc-december-2021-technical-program-tickets-210587923147>

Virtual: <https://education.aspe.org/products/eastern-michigan-chapter-meeting-fire-protection-standpipes-fire-pumps-and-dry-systems-dec-2021>

I won't be in attendance in person for the December program but I hope to join virtually. I will be traveling to the East Coast for a wedding and then driving back. So, since I will not see you, please have a good holiday season and I hope to see you at our January event which will be a joint meeting with ASHRAE. The topic, location and such are still being worked out, but if the current plans come through it is sure to be a FANTASTIC meeting on a topic I know you will all want to attend. *This will be an in person meeting only*, so note there will not be a virtual option for that month. With offsite meetings it is too difficult to offer virtual attendance.

Cheers!

Theresa Card,
Vpt.aspe.emc@gmail.com

Engaging, retaining and advancing women in the industry.

Become Involved
Click here or go to:
<https://www.aspe.org/membership-global-community/membership/special-interest-groups/women-of-aspe/>

When you need to flex some serious muscle, bring out the big guns.



Edge
HP IRON

Step up to the new Edge HP Iron for aggressive DWV applications.

SEE THE DETAILS AT CHARLOTTEPIPE.COM/EDGEHPIRON

CHARLOTTE
PIPE AND FOUNDRY COMPANY
You can't beat the system.

VP Membership Report

Kristin Simoneaux, P.E., CPD, LEED



Hi everyone! Did you know you can get a discount when you renew your membership? Renewing for multiple years at a time can save you \$\$\$. If you renew for two years you will receive a 5% discount. If you renew for 3 years you will receive a 10% discount.

First year members: renew early and save! If you renew by the eighth month of your membership, you may receive reduced dues for your second year. Those eligible are members who joined after July 1, 2018. Funds are only available for the first 125 members per quarter.

ASPE also has two special interest groups: ASPE Young Professionals and Women of ASPE. If you would like to know more about either program please contact me.

Again, ASPE also offers scholarships to qualifying students up to \$3000! Please check out the Alfred Steele scholarship at <https://www.aspe.org/membership-global-community/membership/alfred-steele-scholarship/> for more information and application.

If you or someone you know is interested in becoming a member and taking advantage of the great things ASPE has to offer, please feel free to contact me. Until we meet again, stay healthy!

Kristin Simoneaux, P.E., CPD, LEED AP
Associate / Senior Mechanical Engineer
Direct: (248)336-4760
ksimoneaux@stantec.com





[calQlate Your Potential Energy Savings]

Booster system sizing can be difficult. That's why there's calQflo.

QuantumFlo's advanced innovation makes us the premier industrial manufacturing and distribution leader of intelligent pump system technology.

We offer the industry's revolutionary online booster system sizing software, calQflo, that selects the most efficient booster option for your needs—so that your system keeps pumping long into the future! With calQflo, you can:

- Compute the most **size-appropriate** system for your projects.
- **Save money** by selecting **energy-efficient** specs.
- Gain all of this information for **free!**



Get 20-50% Potential Energy Savings from Standard Sizing



Quality Water & Air, Inc.

Quality Water & Air, Inc.
 1402 Souter
 Troy, MI 48083
 Phone: 248-589-8010
 Email: qualitywaterair@cs.com
 Website: www.qualitywaterair.com
 Contact: Georgann - Chuck - Paul



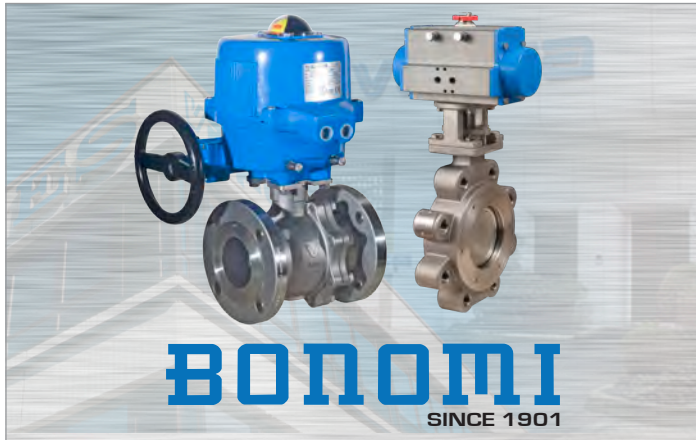
Every Panel Meets UL508A with a 100KAIC (SCCR) Withstand Rating



Cindy Zatto

V.E. SALES COMPANY, INC.

For additional information on Aquatherm, Highland Tank, MIRO and Bonomi products, please call Cindy Zatto with V. E. Sales, Inc. at 810.343.2713 or email cindyz@vesalesinc.com



BONOMI
SINCE 1901

Put more than a century of excellence in valve design and production to work for your company

More than 100 years ago, the Bonomi family began designing and manufacturing valves in Italy with the same passion for excellence as the winemakers that were our first customers.

Today, our low-torque ball valves, in sizes 1/4" to 56", and precision electric and pneumatic actuators are still made in Italy in our own advanced production facilities. And though our single-part number valve and actuator packages make valve automation more simple than ever, our engineering support is available world wide.

Call Bonomi. We'll put our history of flow-control excellence to work for your future.

www.bonominorthamerica.com • (704) 412-9031



Stop Battling Volatile Prices and Corrosion

Pricing for steel mechanical piping systems is rising significantly. Lightweight, stably priced Aquatherm polypropylene-random (PP-R) piping is connected by quick, reliable heat fusion. Plus, PP-R doesn't rust, scale, or corrode and it has a 60-year projected lifespan and many other benefits.

aquatherm
we've got a pipe for that

Learn more at aquatherm.com

PROBLEM:

RPZ inside a building
= flood damage
= design engineer liability

SOLUTION:

Install the RPZ inside a freeze protected enclosure located outside the building.

Want to learn more?

Visit the engineering blog pages at www.safe-t-cover.com/blog

SAFE-T-COVER
BY HYDROCOWL

safe-t-cover.com 800-245-6333

PROUDLY MADE IN THE USA
WWW.MIROIND.COM

THE SIMPLE, SMART SOLUTION TO ROOFTOP SUPPORTS

- ✓ Industry-leading 20 year warranty
- ✓ Designed to protect roof membrane by keeping PSI below 2.0
- ✓ Supports come pre-assembled and ready to install
- ✓ Supports available for duct, pipe, mechanical units, and more, as well as stair crossovers, ramps, and service platforms
- ✓ Professional assistance through the process, from take-off to final installation

MIRO
INDUSTRIES, INC.
ROOFTOP SUPPORT PRODUCTS

HOW CAN WE SUPPORT YOU?

Replacing Your Water Heater Every Few Years is Not Our Business Plan



Conquest[®] condensing, gas-fired water heaters are constructed from AquaPLEX[®] duplex stainless steel so they're corrosion-resistant in potable water at any temperature. Available in 199-1000 MBH, Conquest provides even more BTUs in small spaces and fits through a standard 36-inch doorway. With a thermal efficiency of up to 96%, long product life and a 15-year tank and heat exchanger warranty, you can't afford not to have one.

Call R.L. Deppmann or visit our Monday Morning Minutes blog at deppmann.com for information on PVI Water Heaters

800.589.6120



800.784.8326 | pvi.com



R. L. Deppmann Company

Job Title: Sales Engineer

Reports To: Engineering Sales Manager

About Deppmann

Our Company focuses on helping people make better decisions. We are a company that is responsive to our customer and understands how our product work and interact in hydronic and plumbing systems. Our company culture is shaped by our Core Values: Knowledge, Empowerment, and Responsiveness. We achieve this through selling hydronic and plumbing equipment in Michigan and Ohio. Our Company is 100% employee owned.

Scope: Sales members utilize their technical knowledge of hydronic, steam and plumbing systems and sales experiences to help provide sales & support for the products represented by R.L. Deppmann. The Engineering Outside Salesperson focuses on the projects during the development and design phases, being a resource to our engineers in developing system designs and equipment selections.

Who We Are Looking For:

Looking for someone that enjoys collaborating with engineers and fellow team members to provide the best solution for any given project. The successful candidate enjoys teaching as well as learning. She/He will seek out opportunities to collaborate and loves to solve problems using her/his technical skills.

Responsibilities Include:

- **Selling – Pursuing the Order:**
 - Close the order at the engineer level (specifications and schedules)
 - Negotiate pricing
 - Coordinate quote
 - Manage vendors
 - Engineer/systems design
 - Internal collaboration/coordination
 - Follow-up on leads from Customer Service & Inside Sales
 - Respond to pricing requests
 - Joint sales with customers
 - Exceed sales goals for sales territory

- **Customer Management:**
 - Problem solving
 - Conduct training
 - Meet with customers: relationship building
 - On site tech support
 - Visit jobsites

March 2021



- **Internal Administrative Activities:**
 - Acquire product/industry/technical knowledge
 - Develop and analyze sales plan
 - Weekly teleconference call
 - Attend department offsite meeting
 - Utilize CRM to provide regular updates on projects & customers
 - Personal development
 - Backup Estimation

- **Marketing:**
 - Attend social events: golf outings, trade shows
 - Participate in professional organizations: i.e. ASHRAE, ASPE

- **Miscellaneous**
 - Commitment to Ongoing Personal Training / Development
 - Other duties may be assigned

Requirements:

Strong Computer Skills in Microsoft Office Suite, Technical background in HVAC (Degree Preferred), Ability to Multi-Task, Strong Desire to Learn, Take on responsibility, Great People Skills, Detail Oriented.

Travel:

Local travel required within Mid-Michigan & Traverse City, MI area territory, 10% travel outside of sales territory. A valid driver's license is required.

If you have these skills and the desire to join a driven team, send resume to Human Resources at jobs@deppmann.com

March 2021

NOVEMBER MEETING

THANK YOU TO OUR ATTENDEES!

David Bailey
Chip Bidigare
Theresa Card
Andrew Corzine
Larry D'Ascenzo
Alan Deal
Mark Douglas
Vivian Enriquez
Adam Flint
Robert Frey
Rachel Gendich
Andy Grajek
William Grayzar
Norm Hall
Pam Hartsell
Dann Holmes
Thomas Huck
George Johnston II
Rick LaRose
Gary Patil

Brenda Pesmark
Mike Kennedy
James King
Hank Koppelo
Jeremy Martin
Sean McIntosh
Michael Melaragni
Kris Merritt
Will Parker
Joshua Pedraja
Paul Prentice
Gerald Potapa
Bill Sample
Rick Sawyer
Emily Schwarzkopf
Kristen Simoneaux
Aaron Sturos
Michael Taggart
Bob Thomas
Geoff Williams

NOVEMBER MEETING PHOTOS



We had a fantastic turn out for in-person attendance



Adam Flint of Liberty Pumps gives a presentation on sump pumps

NOVEMBER MEETING PHOTOS



Jason Smith of Intellihot give a presentation on tankless water heaters



Thank you to Balfrey & Johnston for thier sponsorship

NOVEMBER MEETING PHOTOS



Thank you to JW Sales for thier sponsorship



Thank you to NIBCO for thier sponsorship

NOVEMBER MEETING PHOTOS



Thank you to Performance Engineering for thier sponsorship



Thank you to RL Deppmann for thier sponsorship

NOVEMBER MEETING PHOTOS



Thank you to Sales Service Plus for thier sponsorship



Adam Flint of Liberty Pump recieves a certificate of appreciation

NOVEMBER MEETING PHOTOS



Jason Smith of Intellihot receives a certificate of appreciation



The National Fire Protection Association (NFPA) will conduct a one-day Keeping You Informed: Systems, Storage, Suppression, and More educational program on Tuesday, November 16 as part of the organization's year-long 125th Anniversary Conference Series. The all-day online event will feature a total of 10 educational sessions and industry roundtable discussions featuring subject matter experts and can be viewed on the scheduled date or via on-demand anytime for up to a year. Attendees will also benefit from networking opportunities, live chat sessions, sponsor demonstrations, and more.

[TO FIND OUT HOW TO ATTEND CLICK HERE](#)



New Century Sales, Inc.
Manufacturer's Representatives

EAST MICHIGAN
1715 Traditional Dr.
Commerce Township, MI 48390
P (248) 960-1147 F (248) 960-1149

WEST MICHIGAN
550 36th St. SE
Grand Rapids, MI 49548
P (616) 600-9660

 Expansion Tanks www.amtrol.com	 Shower Doors www.bascoshowerdoor.com	 Washroom Solutions www.bradleycorp.com	 Hydronic Accessories www.caleffi.com/usa/en-us	 Plumbing Fittings www.copperpress.com www.isotubi-usa.com
 Bath Furniture www.fairmontdesigns.com	 Sewer Cleaning Machines www.drainbrain.com	 PVC Products www.genovaproducts.com	 Better Boilers www.ibcboiler.com	 Stainless Steel Sinks www.justmfg.com
 Valves and Fittings www.matco-norca.com	 Water and Waste Pumps www.femyers.com	 Fiberglass & Acrylic Tub & Showers www.oasisbath.com	 Oasis Water Coolers www.oasiscoolers.com	
 Supply Chain Services www.oatey.com	 Bath Fans https://na.panasonic.com/us/home-living-solutions/ventilation-indoor-air-quality/	 Pipe Installation Tools https://pexgun.com/		
 PEX Plumbing Products www.rehau.com/us-en	 Water Heaters www.rheem.com www.ruud.com	 Bathroom Vanities & Cabinets www.strasserwood.com	 Brazing & Soldering https://www.esabna.com/us/en/products/gas-equipment/brazing-and-soldering/index.cfm	
 www.dewalt.com www.irwin.com www.lenoxtools.com		 Link to Good Living www.americanstandard-us.com www.dxv.com www.fiatproducts.com www.grohe.us/en_us		

www.newcenturysales.com



32995 Industrial Road, Livonia, MI 48150
 Phone 734.266.5300 Fax 734.266.5310
 www.performanceengineering.com

intellihot™ Intelligent Hot Water Supply Boilers
 Endless Water. Zero Waste.

Heating Boilers
 Hot Water Supply
 Pool/Spa Heaters
 Storage Tanks
 Complete Parts Stock



High Efficiency Water Heaters
 High Efficiency Heating Boilers
 Custom System Solutions

Snowmelt Systems
 Radiant Floorheat Systems



Gas Fired Heat Pumps
 Heat Recovery Chillers



Natural Gas / Propane / Electric
3,000 to 4,000,000 BTU's
 - ALSO -
 Holby Thermostatic Mixing Valves



Jamie Caporosso: jamie@kerrpump.com
 12880 Cloverdale, Oak Park, MI 48237
 Ph.: (248) 543-3880 Fax: (248) 543-3236

Liquid Pumps
 Vacuum Pumps
 Heat Exchangers
 Blowers
 Related Equipment
 and Accessories

Sales • Service • Repair



AURORA FIRE PUMPS

Compact Fire Pump Systems

- UL Listed/FM Approved Aurora Fire Pump
- UL Listed/ FM Approved Fire Pump Controller
- Capacities of 50-750 Gpm.
- Pressures of 40-160 Psi.
- Aurora Model PVM (close coupled to an ODP motor.)

Vertical Split Case Electric Drive Fire Pump

- Electric Driven
- For Commercial, Industrial and Marine use only.
- UL Listed/ FM Approved/NFPA-20 Design

Horizontal Split Case Diesel Drive Fire Pump

- Diesel and Electric driven available.
- Flows at 250 gpm to 5000 gpm.
- Pressures available up to 490 Psi.

PLEASE INQUIRE TO KERR PUMP FOR PRICING,
 SELECTIONS, OR TESTING ON EXISTING.

ALSO, PLEASE SEE www.aurorapump.com

Michigan's Oldest Supplier of Pumps and Process Equipment - 1905



MegaPress® G
Press safer.
Press
bigger.



Connected in quality.

Quick, safe connections on large diameter gas lines.

Viega MegaPress(R)G requires no open flames or added cost of fire watch, so projects are safer and more profitable. Installers can secure gas pipe up to 4" in 16 seconds or less, saving 60-90% on labor costs. That's why professionals choose MegaPressG - the trusted press connection method approved for gas lines ½" to 4".

Carl Petitt
 Technical Manager
 (614) 852-2691
carl.petitt@viega.us

Michael Norgan
 District Sales Manager
 (989) 415-2431
michael.norgan@viega.us

ALL-IN-ONE SCALD PROTECTION



420-T Series

Now there's no need to install a thermostatic mixing valve below the sink. The new 420-T Series combines Chicago Faucets durability with integrated scald protection. The result is a solid, easy-to-install restroom faucet that complies with ASSE 1070 requirements. With the 420-T, everything you need to meet current building codes and protect users against scalding is built right into the faucet.

Visit chicagofaucets.com or call your local representative for more information.

Taggart-Knight Group
 248/553-4388
info@taggartknight.com



Code Study and Development Group of Southeastern Michigan

Item No.	Description	Price Each*	Order Date	
3200S18MI	2018 MI Plumbing Code	\$ 89.50		
3300S18MI	2018 MI Mechanical Code (Not Yet Available)	\$ 89.50	PO Number	
3200S18	2018 IPC without Commentary	\$ 86.00	(If required)	
3210S18	2018 IPC with Commentary	\$ 112.00		
3300S18	2018 IMC without Commentary	\$ 86.00		
3310S18	2018 IMC with Commentary	\$ 112.00		
3600S18	2018 IFCG without Commentary	\$ 86.00		
3610S18	2018 IFGC with Commentary	\$ 112.00		
3000S18	2018 International Building Code	\$ 130.00		
3000S15MI	2015 MI Building Code	\$ 139.00		
3100S15MI	2015 MI Residential Code	\$ 126.00		
3550S15MI	2015 MI Rehab for Existing Bldgs	\$ 90.00		
3800S15MI	2015 MI Energy Code	\$ 48.00		
3600S15	2015 IFGC without Commentary	\$ 84.00		
3310S15	2015 IMC with Commentary	\$ 109.00		
		\$ -		

- **Payment MUST accompany order / verify your preferred delivery method**
- **Credit cards, cash or company check accepted.**
- Dann Holmes - buildingwaterhealth@outlook.com or (248) 921-0582
- If orders are to be mailed, call Dann and you will be advised of additional freight charges.

• **Make check payable to: Code Study & Development Group of SE Michigan**

Mailing Address: **Will be given upon placement of order**

Item No.	Description	Quantity	Unit Price	Item Total	Status
				\$ -	
				\$ -	
				\$ -	
				\$ -	
				\$ -	
				\$ -	
				\$ -	
				\$ -	
				\$ -	
				\$ -	
Total books subject to incoming ICC Frgt charges		0			

Client Information	
Company	
Address	
City	
State	
Zip-Code	
Contact Information	
Attention	
E-Mail	
Phone	

Order Details	
Sub-Total	\$ -
ICC Frgt	\$ -
USPS Frgt	\$ -
MI Sales Tax	\$ -
Invoice Total	\$ -

Add \$5 per book
(Outgoing Frgt Charge)

Received By: _____

Check No. _____ or Cash _____

Date Paid _____

Credit Card Approval No. _____

***Supersedes all pricing forms printed before October 19, 2021**

2021 Code Study Order Form



New Century Sales, Inc.
Manufacturer's Representatives



COPPERPRESS® SYSTEM BENEFITS

- Size range from 1/2" to 4"
- Green visual applicaton bands
- Consistent wall thickness on all products
- Leak before press systems
- Less equipment required
- Compatibility of fittings and tools

www.copperpress.com

Approvals & Certifications

- NFS ANSI/CAN 61
- UPC
- cUPC
- IPC
- IAPMO PS-117
- ICC-ES-PMG
- ASME B16.51



ISOTUBI USA

Stainless Steel Press Solutions

<https://isotubi-usa.com>

Represented by New Century Sales:

WEST MICHIGAN

Michael Zago
C (616) 293-2121

E mikez@newcenturysales.com

WEST MICHIGAN

Rod Cox
C (616) 706-1481

E rodc@newcenturysales.com

EAST MICHIGAN

Todd Hiler
C (513) 633-2609

E todhd@newcenturysales.com

EAST MICHIGAN

Ross Beck
C (734) 673-2119

E rossb@newcenturysales.com

www.newcenturysales.com



T&S IS HERE >

T&S is proud to be a trusted name across a wide range of markets — staying at the forefront of today's evolving industry and providing a vast selection of reliable solutions that meet required codes and compliances.

Learn more at tsbrass.com/markets.

Find us in



EDUCATION



PUBLIC VENUES



HEALTHCARE



COMMERCIAL OFFICES



T&S plumbing products represented in Eastern Michigan by: Diversified Spec Sales - 248-398-2400

ASPE Mentoring Program

The Women of ASPE are excited to introduce ASPE's new Mentoring Program!

This program, which is available to all members of the Society, has been designed to connect ASPE members who have a particular skill set (mentor) with individuals (mentee) who are searching to acquire the same skills to develop and make progress toward their personal and professional goals.

Who Is a Mentor?

A mentor is someone who can help the mentee develop skills for success and long-range career planning, is able to be a good listener, is willing to share experiences and views, is willing to commit time and effort, provides an "open door" to questions and problems, points out both strengths and opportunities for improvement, and has a vested interest in the growth and development of their mentee.

Benefits to the mentor:

- Satisfaction in helping someone mature, progress, and achieve goals
- Meeting and sharing experiences with other mentors
- Personal ongoing support to help the mentee succeed
- Personal fulfillment through contribution to the Society and the individual

Who Is a Mentee?

Having a mentor can contribute to a successful and satisfying career. Without a mentor, that learning occurs mostly through trial and error. With a mentor, even experienced professionals can benefit from the experiences and expertise of someone who has withstood the trial and can help the mentee avoid the mistakes. Similarly, those new to the industry will discover that being a mentee shortens the learning curve for acquiring the skills and knowledge most critical to a fruitful career.

Benefits to the mentee:

- Discover new talents about yourself
- Career satisfaction
- Expand your personal network
- Maximize your strengths

aspe.org/aspe-mentoring-program



BALFREY & JOHNSTON, INC.

Manufacturers' Representatives
 13050 Northend
 Oak Park, MI 48237
 Ph 313 864-2800 Fax 313 864-7219
George D. Johnston: george@balfrey-johnston.com
 balfrey-johnston.com

J.W. SALES, INC.

Manufacturers' Representative
 1570 E. Highwood
 Pontiac, MI 48340
 O: 248.745.8590 F: 248.745.0889
Thomas Huck: thomash@jwsalesinc.net
 C: 248-602-1575
Michael Fedorinchik: mikef@jwsalesinc.net
 Jwsalesinc.net

BURKE AGENCY, INC.

Manufacturers' Representatives
 2605 E. Oakley Park Road, Suite A,
 Commerce Twp, MI 48390
 Ph 248 669-2800 Fax 248 669-3310
Brian Burke, Peter Lapham, John Taylor
 bburke@burkeagency.com
 burkeagency.com

KERR PUMP AND SUPPLY

Manufacturers' Representatives
 12880 Cloverdale
 Oak Park, MI 48237
 Ph 248 543-3880 Fax 248 543-3236
Jamie Caporosso: jamie@kerrpump.com
 kerrpump.com

DALE PRENTICE COMPANY

Manufacturers' Representatives &
 Application Engineering Solutions Provider
 26511 Harding Avenue
 Oak Park, MI 48237
 Ph 800 536-4700 Fax 248 339-5559
Michael Cullen: mcullen@prenticeco.com
 Mobile 248 302-5924
 prenticeco.com

LOCHINVAR

High Efficiency Water Heaters and Boilers
 45900 Port Street
 Plymouth, MI 48170
 Ph 734 454-4480 Fax 734 454-1790
Jason Loverich: jloverich@lochinvar.com
 lochinvar.com

DAVE WATSON ASSOCIATES, INC.

Manufacturers' Representatives
 1325 W. Beecher St.
 Adrian, MI 49221
 Ph 517 263-8988 Fax 517 263-2328
Rick Johnston: rjohnston@davewatson.biz
 davewatson.biz

MAJOR/LOZUAWAY & ASSOCIATES, INC.

Manufacturers' Representatives
 1117 W. Grand Blanc Rd.
 Grand Blanc, MI 48439
 Ph 810 234-1635 Fax 810 234-8389
Mike Ostrowski: moski@lozuaway.com
 Mobile 810 287-6983
Bill Campbell, PE: bill@lozuaway.com
 Mobile 810-287-0029

**DIVERSIFIED SPEC. SALES, INC./
HOWLEY AGENCY SALES CO.**

Manufacturers' Representative
 13261 Northend Ave.
 Oak Park, MI 48237-3265
Brendan Burdette: bburdette@dsshowley.com
 Ph 248 398-2400 Fax 248 547-4905
 diversifiedspec.com

NEW CENTURY SALES, INC.

Manufacturers' Representatives
 1715 Traditional Dr.
 Commerce Township, MI 48390
 Ph 248 960-1147
Ross Beck: rossb@newcenturysales.com
 Mobile 734 673-2119
Todd Hiler: toddh@newcenturysales.com
 Mobile 513 633-2609
 newcenturysales.com

HS/BUY VAN ASSOCIATES, INC.

Manufacturers' Representatives
 56 S. Squirrel
 Auburn Hills, MI 48326
Jarrett Armstrong, Bill Allen
 Ph 888 472-8982 Fax 248 852-0298
 info@hsbuyvan.com
 hsbuyvan.com

PAULA. BAKER

ASSE Region #4 Director - Mid West
 ASSE International
 18927 Hickory Creek Drive, Suite 220
 Mokena, IL 60448
 Ph 313 399-3072 Fax 248 585-1437
Paul Baker: paul.baker@ualocal98jatc.org
 www.asse-plumbing.org

PERFORMANCE ENGINEERING GROUP

Engineered Water Products
32955 Industrial Rd.
Livonia, MI 48150

Alan Deal: adeal@performanceengineering.com
Ph 734 266-5300 Fax 734 266-5310
performanceengineering.com

R.L. DEPPMANN COMPANY

Manufacturers' Representatives
46575 Magellan Drive
Novi, MI 48377

Gerry Potapa Jr., CPD, Paul Prentice, LEED AP®
Mark Fine, LEED AP®, Chris Lieder
Ph 800 589-6120 Fax 248 354-3763
sales@deppmann.com
deppmann.com

PROGRESSIVE PLUMBING SUPPLY

Wholesale Distributor
31239 Mound Road
Warren, MI 48092

Ph 586 756-8662 Fax 586 756-9077
ppsupplyco.com
Locations: Warren, Detroit, Mt. Clemens, and Oxford

TAGGART-KNIGHT GROUP

Manufacturers' Representatives
37686 Enterprise Ct.
Farmington Hills, MI 48331

Gary O. Taggart
Ph 248 553-4388 Fax 248 553-4653
info@taggartco.com
taggartknight.com

QUALITY WATER & AIR, INC.

Manufacturers' Representative
1402 Souter
Troy, MI 48083

Georgann Kummer, WBE
Ph 248 589-8010 Fax 248 589-8016
qualitywaterair@cs.com
qualitywaterair.com

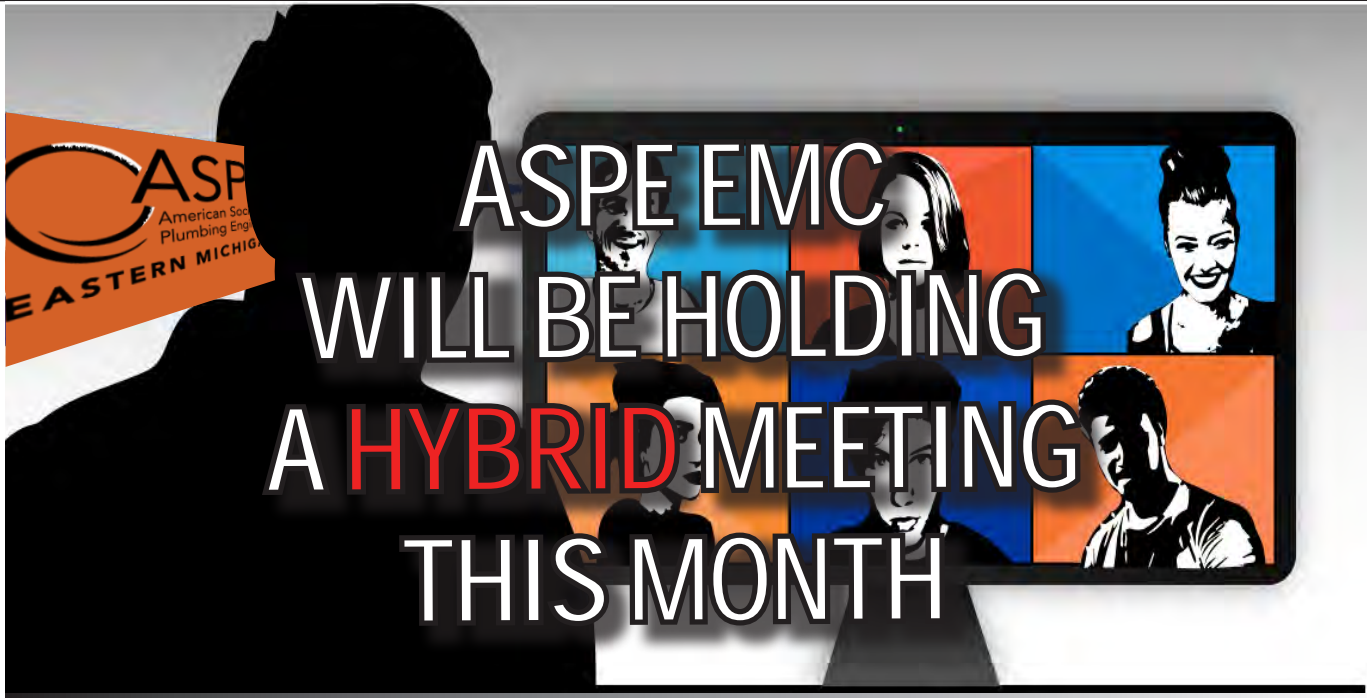
V. E. SALES COMPANY

V. E. Sales is your source for
the finest quality flow control solutions.
25200 Jefferson Ave.
St. Clair Shores, MI 48081

Thomas Van Egmond
Ph 586 774-7760 Fax 586 774-1490
vesalesinc.com



Place your ad here and expand your company!



ASPE EMC WILL BE HOLDING A HYBRID MEETING THIS MONTH

2021-2022 ASPE EMC Board

President

Pam Hartsell, CPD, PMP
Strategic Energy Solutions
4000 W. Eleven Mile Rd.
Berkley, MI 48072
(248) 399-1900 x 222
Fax: 399-1901
president.aspe.emc@gmail.com

VP Technical

Theresa Card, P.E., CPD,
LEED AP BD+C
Strategic Energy Solutions
4000 West 11 Mile Rd
Berkley, MI 48072
(248) 399-1900 ext 223
vpt.aspe.emc@gmail.com

VP Legislative

William Grayzar, CPD
28150 Greenfield Rd.
Southfield, MI 48076
(248)569-1430 ext.333
bill@dsdonline.com

VP Membership

Kristin Simoneaux, P.E., CPD,
LEED AP
2338 Coolidge Hwy. #100
Berkley, MI 48072
(248) 336-4700
kristin.simoneaux@stantec.com

VP Education

Theresa Card, P.E., CPD,
LEED AP BD+C
Strategic Energy Solutions
4000 West 11 Mile Rd
Berkley, MI 48072
(248) 399-1900 ext 223
vpt.aspe.emc@gmail.com

Treasurer

Rachel Gendich
Strategic Energy Solutions
4000 W. Eleven Mile Rd.
Berkley, MI 48072
(248) 399-1900
Fax: 399-1901
treasurer.aspe.emc@gmail.com

Administrative Secretary

Brianne Hall, P.E., CPD,
LEED AP BD+C, GGP
FTC&H
39500 Mac Kenzie Dr. Suite 100
Novi, MI 48377
(248) 324-4780
bhall@fishbeck.com

Corresponding Secretary

George Johnston II
13050 Northend Ave
Oak Park, MI 48237
(313) 864-2800 Fax: 864-7219
george2@balfrey-johnston.com

Chaper Affiliate/Liaison

Dann Holmes
(248) 921-0582
r2al@aspe.org

AYP Liaison

George Bellman
Strategic Energy Solutions
4000 W. Eleven Mile Rd.
Berkley, MI 48072
(248) 399-1900 x222
Gbellman72@gmail.com

WOA Liaison

Theresa Card, P.E., CPD,
LEED AP BD+C
Strategic Energy Solutions
4000 West 11 Mile Rd
Berkley, MI 48072
(248) 399-1900 ext 223
allethe@gmail.com

Directors

Michael Melaragni, CPD
38958 Lapham Drive | Livonia, MI
48154-1014
(734) 591-9339
mjmelaragni@yahoo.com

Kari Rosteck
(313) 318-6555
kari.rosteck@gmail.com

John Nussbaum, IPP, FASSE,
FASPE
(248) 866-1400
jrnussbaum@comcast.net



SPONSOR ADVERTISING OPPORTUNITY INFORMATION

ASPE EMC News is published 9 times per year - September through May.

Yearly advertising for a Business Card ad, which also includes a full Line Card in our sponsors guide:
\$200.00 for members and \$250.00 for non-members.

Graphic Ads - Full Year (9 Issues): Quarter page - \$250.00 ○ Half page - \$350.00 ○ Full page - \$550.00

Checks should be made payable to ASPE EMC and mailed to: Rachel Gendich – Treasurer
c/o Strategic Energy Solution, 4000 W. Eleven Mile Rd., Berkley, MI 48072

Email all digital artwork to: Theresa Green, Newsletter Editor at: theresa.m.green@outlook.com

Circulation 260 - Distributed to: Engineers, Contractors, Inspectors, and other industry professionals in Michigan.

PAY FAST, PAY EASY
Secure Payments Accepted By

