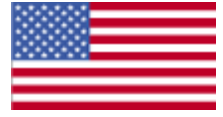
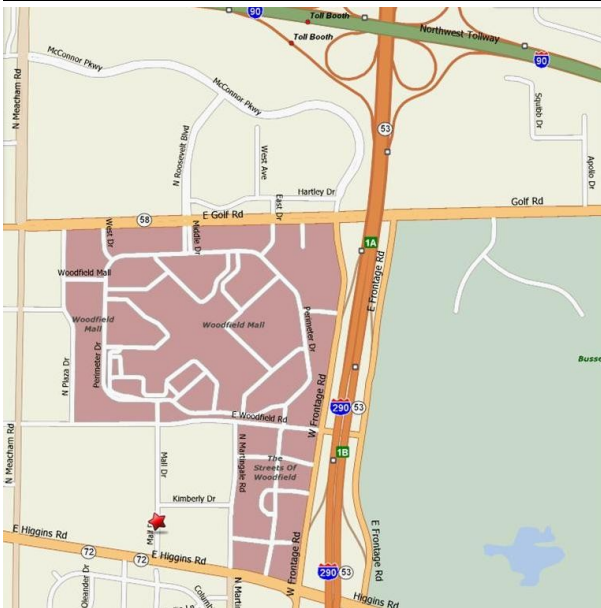


Chicago ASPENEWS



Chicago Chapter of the American Society of Plumbing Engineers
Vol. 39, No. 6
January, 2008

Happy 2008!



General Meeting

Thursday January 17, 2008

(Joint meeting with Illinois Plumbing Inspectors Association)

Stonewood Ale House
601 Mall Drive
Schaumburg, Illinois
Plenty of Free Parking

AGENDA

5:30pm-6:45pm

Cocktail Hour; Free beer and wine compliments of Deery-Pardue & Associates and Rockford Separators

6:00pm-6:30pm

Primer - Neglected Interceptors; Luczak Sales

6:45pm

Dinner - \$25 Members / \$30 Non-Members
Buffet Style just like Zum Deutschen Eck (read about Zum in this newsletter)

Menu

- Caesar salad
- Cole slaw
- Rosemary chicken
- Pulled pork sandwiches
- Garlic mashed potatoes
- Corn on the cob (limited supply - when it's gone it's GONE)
- Fresh baked cookies
- Soft drinks, coffee and tea

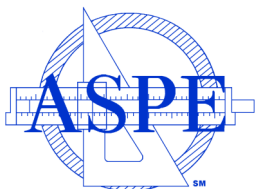
7:45pm

Program - Grease Separators;
Bryce Russell, Rockford Separators/ Deery-Pardue & Assoc.

RSVP as soon as possible to Bruce Weiss, VP Technical!

- Return the enclosed card for those of you getting this via US Mail
- Call 312.960.8143
- Fax 312.527.8143
- Email bweiss@owpp.com

Local Chapters are not authorized to speak for the Society





PRESIDENT'S MESSAGE

Happy Winter Solstice, and all of the other holidays of the season!

We hope that you are staying warm as the temperature is dropping. Remember this though, the days are already getting longer; so, Spring is right around the corner. And of course, that means that the Product Show is coming soon. If you are an exhibitor, be sure to get your paperwork in ASAP. If you are a spectator, mark your calendar and be there for the seminars and the show. There's dinner too, as you know. Watch for announcements of the Product Show Committee meetings. Frank Sanchez is the *Product Show Committee Chairman* this year; so, contact him if you have any questions or comments. We need your input so that we can give you more of what you want.

Booster Night!

We hope that everyone enjoyed Booster Night. I loved the hors d'oeuvres and the early courses. By the time the pig and the lamb danced by, (we are talking about food here), I was already pretty stuffed. That spanikopita was magnificent!

Please look at our list of sponsors (in this issue) and support those who support you. Make sure that you don't miss next year!

TOYS FOR TOTS

We collected enough toys that our (3) huge boxes were overflowing. Good job everyone! Special thanks to Frank Sanchez and Rick Butler for making the extra effort to deliver these toys to the Marines who will see that they get to the proper recipients.

Thanks for your support! See you January 17 at the Stonewood Ale House in Schaumburg! We will have a joint meeting with Illinois Plumbing inspectors Association again. Where else can you get 2 Mikes with the same last name, that are spelled so totally different from the other one? Which one is right?

David DeBord, President



BLAST FROM THE PAST

Shed a tear for Zum Deutschen Eck, then drink at the bar.

At every meeting at least once I hear someone say something about the "Zum" which closed January 9, 2000.

For those who still mourn the loss of Zum you can relive a small part of the feeling at the bar. I found this little tidbit online.

The handcrafted bar at Zum Deutschen Eck found in "Zum's Lounge" was made of solid oak, matching the wooden doorway arches – the latter of which, along with some of the stained glass cartoons of German lore and sayings found in the bar area can be found today at the upscale Irish restaurant, Mrs. Murphy and Sons Irish Bistro.

Bruce Weiss, Vice President Technical

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Donald Johnson

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<http://www.aspe.org/Chicago>
("C" is required)



BOOSTER NIGHT RECAP

The facts:

- ⇒ 121 People
- ⇒ \$4000+ Bar Bill
- ⇒ A whole lot of toys for Toys for Tots
- ⇒ One Free GPS

Whenever an event goes well, the first thing to do is start thanking everyone involved. Without further ado, I would like to thank --the pig and lamb that sacrificed their lives for our enjoyment, Laila Aziz (the belly dancer) and finally Eleni Marks (Singer and Band). Dick Simms and myself planned this event and I wish he could have enjoyed the fruits of his labors. The Parthenon restaurant and their staff not only assisted in the planning but in the execution of a great evening for our members. Thanks to all who gave me RSVP's.

To all those Affiliates who contributed to Booster Night, your contributions were well spent. Another great thing is that we actually got some new members for Booster Night (way to go Rick Butler). In closing, did anyone else besides me think the pork and lamb were just excellent?

Congratulations to Sal Hamdi-Pacha of GEC Group the winner of the GPS.

JANUARY MEETING EXPECTATIONS

We on the Board of Directors do know quite a few of you live in the suburbs; so, this meeting is for you. It is a lot harder to find a place in the suburbs with space and an affordable menu (Maggiano's is not an affordable menu I have found out), which is how we got to the Stonewood Ale House located in glimmering Schaumburg. This will also be our joint meeting with the Illinois Plumbing Inspectors Association. When we met last year with them it went very well; so, we will do it again. The room is a little smaller than we are used to; however, it is cozy and the beer is very good there.

The primer will be presented by Luczak Sales; I have asked them to speak about the oft neglected interceptors (solids, plaster, hair, etc.). This should be an excellent primer that provides the fundamental education for which primers were originally intended. I want to personally thank Luczak Sales for stepping up to present an often overlooked item that plumbing engineers use.

The feature presentation will be on grease separators as presented by Deery-Pardue & Associates along with Bryce Russell of Rockford Separators. Bryce will be speaking about the different grease interceptors and separators, Illinois code requirements, passive units, automatic units, catch basins and the use of a solids interceptor.

So make a point of coming to the January meeting to fill all the gaps in your interceptor knowledge.

Bruce Weiss, Vice President Technical



A FEW WORDS FROM THE ADMINISTRATIVE SECRETARY

Happy New Year everyone! I hope all of you had a happy and safe holiday season. This year at ASPE is promising to be very thrilling. We have many exciting seminars planned for you. I am especially looking forward to the Product Show in April and seeing all of you together again. Thanks for making 2007 such a wonderful year and for all of your support and ideas. I am eagerly awaiting working with you all for another year at ASPE!

Best Regards.

Natalia Dankanich, Administrative Secretary

DECEMBER 2007 MEETING (BOOSTER NIGHT) ATTENDANCE

The following list of individuals attended the December 2007 meeting of the ASPE Chicago Chapter. In accordance with ASPE Society policy, these individuals are entitled to ZERO RU's, CEU's etc. as there was nothing at all technical about the meeting. We are just telling you so you know who was there!

Sean Allard	Dan Fagan	Steve Lichtman	Mike Ponx
Dave Anderson	Jim Fenny	Steve Lipsey	Wayne Robinson
John Anderson	Joe Ficek	Jesse Lopez	Jon Sabini
Dick Bajarunus	Jerry Fields	Charlie Loth	Cary Sampson
Julius Ballanco	Andy Frice	Mark Loth	Frank Sanchez
Kevin Barr	Mike Geagan	Larry Luczak	Jim Schilti
Brenden Bates	Albert Gehrke	Dave Luczak	Keith Seier
Jim Bauman	Griff Gehrke	Mark Luczak	Craig Shannon
Mike Belzak	Jason Geller	Frank Lymanger	Jodie Sherven
Phil Blazic	Josh Goaeeden	Nevo Martelli	Emily Smith
Dorothy Bojka	George Gonzalez	Omar Martinez	Tim Smith
Tom Brown	Tom Hamilton	Ed Martinez	Chris Sopiartz
Rick Butler	Larry Harpster	Brian Mazzocchi	Jeff St. Onge
Sergio Cano	Bill Hearst	Shawn McAuliffe	John Stanzi
Ron Carter	Tom Higgins	Jason McDonald	Mark Stickney
Jeff Cochran	Patrick Hopkins	Paul McLafferty	Kent Swanson
Mike Cusack	Herb Hymen	Angel Medina	Robert Thompson
Ken Cutler	Bob Jackson	Harold Miller	Bob Turk
Bob Dahlmann	Rafal Janik	Matt Mullong	Mike Vandenbergh
Natalia Dankanich	Barry Jankowski	Tony Navarro	Gbain Voker
Ralph Dantino	Brad Johnson	Chad Nieuwsma	Harold Weil
Robert Daugherty	Mike Karnatz	Steve Norbut	Bruce Weiss
Dave DeBord	Mark Kaulas	Martin Okaz	Dave Wick
Jamie Diamond	E.J. Kedzie	Max Opena	Mel Withrow
James Dipping	Bob Krinner	George Pagach	Marion Wnuk
Jill Dirksen	Phil Kroll	Dan Patt	Peter Wu
Tony DiVito	Val Kurdaliev	Joel Pedigo	Brian Yelton
Mike Dore	Lindsey Lehman	Val Petersons	Don Yurkovich
Vince England	Ed Lichner	Sal Hamdi-Pacha	

This printing constitutes our record of who was in attendance. We apologize for any misspelling of names and ask that for future sign-ins please print legibly. Thank You!

AFFILIATES' COLUMN



Thanks to all the affiliates who helped sponsor our largest event of the year, and our largest number of contributors ever. Hope everyone had a great time. We are looking forward to a great year in 2008. Happy new year to everyone!!

Please thank all the following sponsors for making Booster Night a huge success. A special thanks to IPEX, who was inadvertently left off of the sponsor list at the dinner, our apologies.

APEX	Inland Sales Group	Orion Acid Waste
Applied Mechanical Sales	IPEX	RC Sales & Service
Bornquist	J & J Marketing	Repco Associates
CISPI	J & M Sales	Riddile Associates
Copper Development Association	Kamco Representatives	Russo Sales
Daugherty Sales	KAST Marketing	SK Culver
DBM Marketing	Luczak Sales	Sershon & Associates
Deery-Pardue	Mechanical Room	Symmons Industries
Engineered Marketing Concepts	Metropolitan Industries	T Matera & Associates
Fluid Air Products	Mid Continent Marketing	TOTO
Froet Industries	Midwest Boiler & Draft	Tramco Pump
General Pump & Machinery	Miller Sales	Victaulic
Gerber	NIBCO	Viega

SUPPORT THOSE WHO SUPPORT THE CHAPTER!!

Richard Simms, Affiliate Liaison



CORRESPONDING STUFF

ASHRAE, www.illinoisashrae.org

Seminar: *LEED for HVAC*; January 15, 2008, 2:00 – 5:30pm
Dinner Meeting technical topic TBD, 5:30 – 8:00pm
Drake Oak Brook, IL

Seminar: *DX Piping, Refrigeration*; February 12, 2008; 2:00 – 5:30pm
Dinner Meeting: Variable Refrigeration Flow, 5:30 – 8:00pm
Drake Oak Brook, IL

SFPE, www.illinoissfpe.org

Chicago SFPE & Illinois Fire Inspectors Association Meeting; January 14, 2008
Holiday Inn William Tell
6201 Joliet Road, Countryside, IL

ASSE, www.asse-plumbing.org

ASSE Dinner Dance; Saturday January 26, 2008; 7:00 – 11:00pm
Fountain Blue Restaurant, Des Plaines, Illinois
For more info contact Susan Lisowski at slisowski@bornquist.com or 773-774-2800

PHCC

Illinois PHCC Continuing Education Class; Friday, January 11, 2008; 1:00 – 5:00pm
Heartland Community College, 1500 W. Raab Road, Normal, Illinois 61761
Contact Shelly Lott, 217-522-7219 or shelly@ilphcc.com

CSI, www.csichicago.org

CSI/ALA Special Event; Preventive Water Intrusion & Moisture Issues in Building Envelopes – George Crow
February 26, 2008
Chicago Mart Plaza, Holiday Inn, Rolling Meadows, IL

Remember this month's meeting on the 17th will be at Stonewood Ale House, 601 Mall Drive, Schaumburg. I look forward to seeing you all there.

Jerry Fields, Corresponding Secretary

BEAT THE WINTER BLUES

So, you're sitting around thinking what's a plumbing engineer to do in the winter while they wait for the next Chicago Chapter ASPE meeting to occur? I would recommend reading a book. The book I'm reading is:

Flushed: How the Plumber Saved Civilization by W. Hodding Carter

***"Flushed" is author W. Hodding Carter's quest to understand the past, present, and future of sewage and humanity's efforts to deal with it. It is both a record of Carter's hands-on approach to the subject and a history of major developments in toilets, sewerage systems, and water treatment through the ages. Carter gives us the blow-by-blow of his attempt to replicate an ancient Roman lead pipe (Roman plumbers were probably better at avoiding lead poisoning) and sings the praises of his fancy new Japanese toilet (A Toto Washlet S300). It washes and dries your heinie.). "Flushed" takes us through history as great civilizations try to figure out what to do with all that poop, from ancient Roman baths and aqueducts, through the realities of chamber pots and cess pools in Medieval through Enlightenment Europe, to London's Great Stink of 1858 and subsequent sewerage system designed by Joseph Bazalgette, to modern water treatment systems and techniques for turning methane-rich excreta into fuel.



"Flushed" isn't comprehensive, but it's a winning introduction to the age-old endeavor to deliver water to the population, to separate humans from their waste, and to do something with the resulting mess. The book's subtitle "How the Plumber Saved Civilization" is only an exaggeration in that plumbers need the help of engineers to do all this. Urban living, and therefore modern life, would be impossible without efficient methods of removing and processing of billions of gallons of sewage every day. To see how it's done, Carter takes us on tours of the London sewers, the Deer Island water treatment facility that cleaned up Boston Harbor, and to a Sulabh International biogas plant in India, where waste is turned into fuel and relatively clean water. "Flushed" is a light-hearted, amusing, easy-to-read survey of that inevitable byproduct of civilization, sewage, and a reminder that we haven't yet hit upon a perfect method for disposing of it -though there are possibilities on the horizon.

** (Reprinted from Amazon.com without anyone's permission).

Bruce Weiss, Vice President Technical



THE PRODUCT SHOW DRAWS NEAR

We had our first product show meeting on January 17, 2007 at La Villa. We discussed the nuts and bolts of the show and came out with several interesting ideas. Bruce Weiss accepted the position of Co-Chairman. I have confidence we can guaranty an excellent show!

Mark your calendars for

THE 36th ANNUAL ASPE PRODUCT SHOW
Thursday, April 19, 2007
WHITE EAGLE RESTAURANT
6839 Milwaukee Avenue, Niles, Illinois

As usual we will have

- The best show in the industry
- Buffet Dinner Available (Optional)
- 4 hours of FREE State approved CEU's
- Free ASPE CEU's
- Free Raffles and great Prizes
- In addition, this year we will have seminar raffle. Our intention is to increase attendance and motivate people to take advantage of the great seminars we offer. So remember, the more seminars you attend the more chances you will have to win.

We are currently compiling a list of potential technical seminars. If you have any suggestions please feel free to drop me an email or give me a phone call. Also, please let me know if you would like to join the committee. I would like to thank the people who participated on our first meeting,

- ◇ Jamie Diamond, Lehman Design
- ◇ Peter Wu, Lehman Design
- ◇ Harold Miller, Miller Sales
- ◇ Mike Ponx, Metropolitan Industries
- ◇ Bruce Weiss, OWP/P
- ◇ David DeBord, ESD
- ◇ Jason McDonald, Grumman/Butkus Associates
- ◇ Frank Sanchez, Grumman/Butkus Associates

Please note these meetings are open to all who are interested. Beverages and food is provided by the Chapter. If you would like to attend please **RSVP** (fxs@grummanbutkus.com or 847 328.3555 x251).

Frank Sanchez CPD, Vice President Legislative and Product Show Chairman

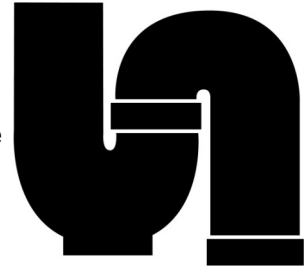
SECOND PRODUCT SHOW MEETING
January 24, 2007
Time: 6.30 pm
La Villa Restaurant
3632 N Pulaski Rd
Chicago, IL 60641



**ASPE WANTS YOUR
FEEDBACK FOR THE
2008 PRODUCT SHOW**

AS I KNOW IT

Have you ever looked at how much piping weighs? Especially if it is full of water? Here is a sample from one project that had 27 feet of horizontal piping of various sizes and services. I know that this doesn't sound like much, but take a look below. You might be surprised to see how much it weighs. The sanitary pipe is normally only half full. The vent is full of air and other gases.



PLUMBING & FIRE PROTECTION PIPING						
SOIL-HUB	EMPTY			FULL		
SIZE	WT/FT	FT	TTL	WT/FT	FT	TTL
4"S	8	27	216	10.726	27	290
6"V	13	27	351	13	27	351
6"ST	13	27	351	25.267	27	682
6"ST	13	27	351	25.267	27	682
TOTAL			1269			2005
WTR-SHD 40	EMPTY			FULL		
SIZE	WT/FT	FT	TTL	WT/FT	FT	TTL
1"HWR	1.68	27	45.4	2.055	27	55
1 1/2"HW	2.72	27	73.4	3.602	27	97
2 1/2"CW	5.8	27	157	7.873	27	213
2 1/2"CW-AC	5.8	27	157	7.873	27	213
1 1/2"HW-AC	2.72	27	73.4	3.602	27	97
4" SPRINKLER	10.8	27	292	16.316	27	441
2" DRAIN	3.66	27	98.8	5.114	27	138
TOTAL			896			1254
PLUMBING/FIRE PROTECTION TOTAL						3259

HVAC PIPING						
WTR-SHD 40	EMPTY			FULL		
SIZE	WT/FT	FT	TTL	WT/FT	FT	TTL
10"	40.5	27	1094	74.66	27	2016
10"	40.5	27	1094	74.66	27	2016
8"	28.6	27	772	50.28	27	1358
8"	28.6	27	772	50.28	27	1358
3"	7.58	27	205	10.781	27	291
3"	7.58	27	205	10.781	27	291
2 1/2"	5.8	27	157	7.873	27	213
2 1/2"	5.8	27	157	7.873	27	213
TOTAL			4454			7754
HVAC TOTAL						7754

GRAND TOTAL	11013
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Be sure to take this into consideration for your projects, and coordinate with the Structural Engineer and the Architect. This is just one more way that spreadsheets can make your life easier, too.

David DeBord, President

2007-2008 ASPE Chicago Chapter Meeting Schedule

DATE	PRIMER	TECHNICAL	LOCATION
September 20	Plumbing Pump Controllers; <i>Mike Vandenberg, Daugherty Sales</i>	Fire Pump Controllers; <i>Jim Moynihan, Chicago Technical Sales/ Firetrol</i>	<i>LaVilla 3638 N. Pulaski Chicago</i>
October 18	Secondary Supports; <i>Deery-Pardue & Associates</i>	Chicago Plumbing Code; <i>Frank Bathauer, Chicago Chief Plumbing Inspector</i>	<i>The Parthenon 314 S Halsted Chicago</i>
November 15	Pipe Joining Methods for Mechanical Piping; <i>Jim Ness and Company</i>	Plumbing Design for Labs; <i>Mike Straughn, WaterSaver Faucet Co. and Mick Bradford, Russo Sales</i>	<i>LaVilla 3638 N. Pulaski Chicago</i>
December 13	Booster Night; <i>Special Entertainment</i>		<i>The Parthenon 314 S Halsted Chicago</i>
January 17	General Interceptors; <i>Luczak Sales/</i>	Grease Separators; <i>Bryce Russell, Rockford Separators/ Deery-Pardue</i>	<i>Stonewood Ale House 601 Mall Drive Schaumburg</i>
February 21	Pipe Insulation; <i>Tom Ronan, Added Sales/ IMCOA</i>	PEX Design and Standards; <i>Harold Miller, Miller Sales/ Zurn</i>	<i>LaVilla 3638 N Pulaski Chicago</i>
March 20	LEED Calculations; <i>Sloan Valve</i>	Grey Water and Water Recycling; <i>Metropolitan Industries</i>	<i>LaVilla 3638 N Pulaski Chicago</i>
April 17	Technical Seminars	39th Annual ASPE Chicago Product Show	<i>White Eagle 6839 Milwaukee Ave Niles</i>
May 15	Elections	Cast Iron Pipe and Standards; <i>Alan Thomas, CISPI</i>	<i>The Parthenon 314 S Halsted Chicago</i>
June 20	Annual ASPE Chicago Golf Outing		<i>Hilldale Golf Club 1625 Ardwick Drive Hoffman Estates</i>
July 12	ASPE Ride to the Rock		<i>Chicagoland to Starved Rock</i>