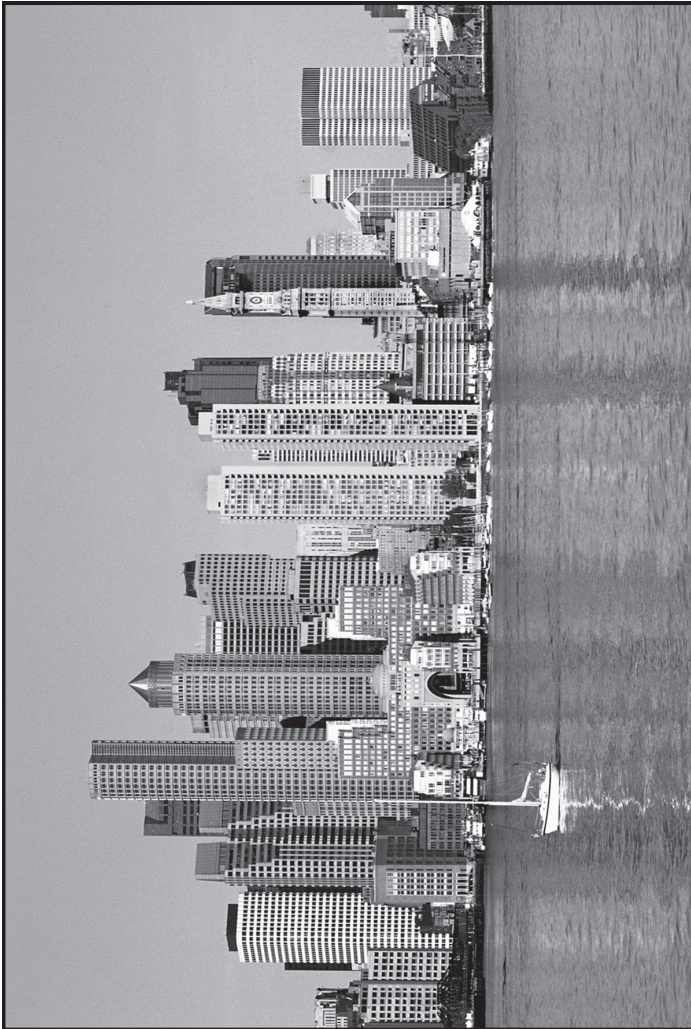


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Volume 41, Issue 2



**Next Meeting**

***TUESDAY, OCTOBER 8th, 2013***

*The Lantana, Randolph, MA*

**MAIN PROGRAM**

*Revit Demonstration of  
 Plumbing and Piping Design  
 & Question and Answer Period*

**SPEAKERS**

*Chris Riley and Kevin Beaulieu*

**PROGRAM SCHEDULE**

Plumbing 101 / Social Hour	5:00 – 6:00
Dinner	6:00 – 7:00
Chapter Business	7:00 – 7:30
Speaker / Technical Session	7:30 – 8:30

**MENU**

Italian Minestrone Soup,  
 Chicken Florentine &  
 Carrot Cake

**MEETING RESERVATIONS**

**\$30.00 Reservation**

**\$40.00 W/O Reservation**

**Retired & Currently Unemployed Members are Free**

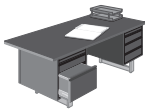
Please reserve by **Friday, October 4th, 2013**

Contact Cathy @ W.P. Haney,  
 (508) 238 – 2030

**WHAT'S IN THIS ISSUE**

President's Report	2
Technical Report	3
Membership Report	4
Legislative Report	6
21st Biennial Product Show Seminar Info Insert	
Calendar	Insert

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 Society Website [www.aspe.org](http://www.aspe.org)



## President's Report

Greetings to all our members, I hope all of you enjoyed your summer and had some refreshing down time and recreation. The new year is well under way as we had a great turn out at our first chapter meeting in September for the Gas Booster Seminar topic. We also had record attendance at the ASPE Boston Chapter Golf Tournament September 20<sup>th</sup> at the Wayland Country Club with 100 plus golfers. Many thanks to Jeff Gooding, Matt Saunders, the Golf Committee and especially all of the sponsors and supporters. The money raised from this annual event goes directly to the ASPE Boston Chapter Education Fund. Thank you to Rich Dean for your help on this committee and for standing in for me handling the Presidential duties at the tournament itself.

Larry Johnston, VP Technical, Rich Dean and the VP Tech Committee are hard at work on some excellent meeting topics for our upcoming meetings. Just a few tidbits: October's topic is Revit for Plumbing and Piping Design, don't miss this one! In December our joint meeting with ASHRAE will be held at the Embassy Suites in Waltham. Our meeting in January will be held on the north shore at the Chateau Restaurant in Andover, MA, mark your calendar all the northern folks. April will be our joint meeting with the Greater Boston PHCC and the topic will be the design and installation of Integrated Plumbing and NFPA 13D Sprinkler systems.

Our 21<sup>st</sup> Biennial Product Show will be held November 12<sup>th</sup>. If you are one of our Affiliate members and have not signed up for a booth at the show, please contact committee chairperson Frank Teebagy or Patrick McAuliffe. If you are one of our Engineering or Designer members, please mark your calendar for attendance. This event is a great technical and social event, so please consider making it to the show. All information about booth registration and attendance can be found on our Boston Chapter website [www.aspebostonchapter.org](http://www.aspebostonchapter.org)

On other Board news, in addition to myself, the following Boston Chapter members attended the recent ASPE Technical Symposium in Orlando FL, September 19<sup>th</sup> to the 22<sup>nd</sup>: Bill Hughes, Frank Teebagy, John Callahan, Paul Galvin, Ed Nadeau, Bill McGrath and Derek Sylvia. Thank you all for your support and attendance of this great technical event. The seminars were excellent and we all brought back a wealth of information for the Chapter as well as a lot of ideas for future technical presentations at our meetings.

As discussed in our previous Newsletter, any member who would like to be on my committee to improve meeting attendance, please e-mail me personally at [kwl@eldaar-craftdesign.com](mailto:kwl@eldaar-craftdesign.com) and I will put you on my personal e-mail list for reminders.

Sincerely, Kevin W. Lally, CET,, President, Boston Chapter ASPE

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# Technical Report

October 8<sup>th</sup>, 2013 ASPE Boston Chapter Meeting

## Main Program

Revit Demonstration of Plumbing and Piping Design and  
Questions and Answer Period

## Speakers

Chris Riley and Kevin Beaulieu

Join us, your fellow ASPE members and colleagues, along with the Revit Professionals and learn some new piping design techniques and get some questions answered. This is a quick demonstration. We only have one hour, so if you come prepared with a few questions that would be good for everyone.

Hi, my name is Laurence D. Johnston VP Technical. Thank you all for your emails and phone calls regarding topic suggestions. Please keep them coming. I still need your help to make this a successful exciting 2013/2014 season. If you have ideas for technical sessions or you can speak and provide an informative technical session please contact me. Your help is greatly appreciated.

### Chris Riley

Solutions Specialist, MEP  
[criley@microdesk.com](mailto:criley@microdesk.com)

At Microdesk, Chris is responsible for providing technical support, training, implementation, and consulting services to building engineering firms in the New England area. Chris is knowledgeable in AutoCAD, AutoCAD MEP, and Revit MEP. He regularly teaches ATC training classes, helps create and execute implementation plans, and provides on-site support and shadowing services to leading MEP firms throughout New England, including Richard D. Kimball, BR+A, and Consulting Engineering Services.

Prior to joining Microdesk, Chris served as a designer for over 5 years at Vanderweil Engineers, a firm that specializes in MEP systems for buildings, central heating and chiller plants, power generation, and transmission and distribution design. Since joining Microdesk, he worked with a variety of MEP firms to implement AutoCAD MEP and Revit MEP. He is a graduate of Taunton High School and is presently studying HVAC Design at Northeastern University in Boston.

### Kevin Beaulieu

Solutions Specialist - MEP  
[kbeaulieu@microdesk.com](mailto:kbeaulieu@microdesk.com)

Kevin Beaulieu joined Microdesk as a Solutions Specialist-MEP. He provides technical support, training, implementation, and consulting services using AutoCAD and Revit MEP solutions. He specializes in assisting mechanical, electrical and plumbing engineer clients with implementing their software solutions, providing technical assistance and best practices recommendations, as well as standards creation support.

Prior to joining Microdesk, Kevin was employed at BVH Integrated Services as a Plumbing and Fire Protection Systems Designer where he designed plumbing and fire protection systems for various commercial and public projects, such as public schools, universities, gaming facilities, healthcare facilities, and more. Kevin has an Associates Degree in Energy Systems Technology from Springfield Technical Community College in Springfield, MA.

By Laurence D. Johnston, CPD, V.P. Technical, Boston Chapter ASPE

<p><b>Joe Myers</b> Regional Manager 603-223-0107 – Direct 603-223-0108 – Direct Fax 603-496-9031 – Cell Phone <a href="mailto:jmyers@milwaukeevalve.com">jmyers@milwaukeevalve.com</a></p>	 <b>MILWAUKEE VALVE</b>   <b>HAMMOND VALVE</b>
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# Membership News

## New Boston Chapter ASPE Members:

The Boston Chapter would like to welcome our newest members:

Joseph R. Cinco	Special Member	Cinco Plumbing	Coventry, RI
Andrew Powers	Associate Member	CSI Engineering	Saugus, MA

## Membership Renewal Online Glitch

It was recently brought to my attention that once your ASPE Membership Anniversary passes and you haven't renewed your membership, you won't be able to log in to the [www.aspe.org](http://www.aspe.org) website and renew online. Frankly, renewing online is simple, takes maybe three minutes tops, and apparently needs to be done before your membership anniversary date. If you have any issues logging on or renewing online, please let me know.

## Paperless Membership Renewals

Speaking of renewing your membership, are you aware that Society has decided to go paperless and send your renewal invoice to you via email? In an effort to reduce the huge increase of our members that are not renewing on time, I have taken the liberty of listing the nearly two dozen members whose membership expires this month. If you see your name listed, you need to renew your membership ASAP before it lapses.

Scott D. Anderson	Michael P. Bakis	Gerald J. Caroto	Christopher Ginocchio
Brian F Green	Alan J. Green P.E.	Darrin Healey	James Hockenberry
Hugh Kelleher	Marybeth LaRocque CPD	Leroy Le Lacheur	May Wong Lee
William McKenna G.E.	Robert T. Moffatt	Miguel Teixeira Pedro	Kevin Pelton CPD
Gregory E. Riley	Anthony P. Sak	Robert V. Shupe P.E.	Sergio F. Siani
	Jeri Sullivan	Kenneth H Wilensky	

## Can you tell me why...?



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On the left is a photo I recently took in a small town middle school in Vermont. It is a circa 1929 Sloan flush valve and Eljer water closet. They are still working great after more than 80 years. My question to our members is this:

Can you tell me why there is a small rectangular opening in the back of the bowl? Do you also know why there is a separate bowl connection to the wall behind the flush valve top spud connection?

The reason is that the water closet was designed with a "Sanivent" which is an integral toilet exhaust vent. The connection to the wall behind the flush valve is where it connects to the toilet room exhaust ductwork.

It would pull air from the room through the water closet vent connections to help eliminate odors. To the right is a photo of a similar Eljer bowl

from my 1935 Eljer Fixture catalog.

For the full length urinals the toilet room exhaust connection was connected just above the piped p-trap above the ceiling of the floor below. It pulled air into the urinal and eliminated any odors from leaving the trap.

I just thought you might find this interesting.

**By John Callahan, CPD, V.P. Membership,  
Boston Chapter ASPE**



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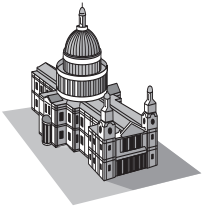
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# Legislative Report

This Legislative month's Legislative article is a brief summary of obtaining a variance from the Massachusetts State Plumbing Code and the Variance Process with the plumbing board. It is meant to help you avoid possible slowdowns during the process.

The requirement for a variance and the process is explained in Massachusetts State Plumbing Code 248 CMR 3.04 Section 2. In order to obtain a variance, an "unusual or extraordinary circumstance or a hardship" must be proved to the plumbing board. A variance should be sought prior to installation; a variance can be granted after the fact if the installing contractor can show a hardship that would have justified variance if he had sought one prior to construction. Cost incurred by the contractor for the removal of work that does not meet the requirements of the plumbing code is not considered a hardship.

The board posts two separate "Application For Variance From State Plumbing Code" forms on its website, one for pre-installation and the other for post installation. A pre-installation variance application can be sought by the engineer, architect, building owner or contractor; a post installation application must be sought for by the installing contractor. The board also posts two separate "Application For Variance From State Fuel Gas Code"; one for pre-installation and the other for post installation, the same rules described above apply. The forms can be found at following address: <http://www.mass.gov/ocabr/licensee/dpl-boards/pl/forms/applications/>

Prior to applying for a variance, the engineer, architect, building owner or contractor must first petition the board of health, MGL 142 Section 13 (Please note that state owned, used, leased, sub-leased or constructed buildings are exempt from this requirement). A copy of the petition must accompany the application for variance. A board of health response is not needed in order to apply for a variance; if a response is received it should be sent to the Plumbing Board along with the completed Variance Form.

Board members have stated the most common reason for the slowdown of a variance is the board of health petition not accompanying the variance application and that about 50% of all variances are missing the petition. Other common reasons for the slowdown of a variance is not fully completing the application or not having a copy of supporting documentation, such as drawings and calculations, to leave with the board.

The Board members have also stated that among the more time intensive variances is applying for a variance from the State Fuel Gas Code in regards to unlisted gas equipment. Unlisted Gas equipment can include but is not limited to cogeneration units, custom equipment or possibly a foreign piece of equipment. In order for the board to grant a variance, the installation of the equipment must be signed off by a professional engineer or the equipment must be tested by a third party.

The board has recently granted two "blanket variances", a blanket variance can be approved directly by the board's office and does not need to be heard by the board.

1. Variance from 248 CMR 10.00, Section 10.10 (18) Table 1 to waive the requirement for a shower for dental or medical office buildings
2. Variance from 248 CMR (Code of Massachusetts Regulation) 10.00, the Uniform State Plumbing Code, Section 10.10 (18) Table 1 in regards to using purified water dispensers or bottled water dispensers in lieu of drinking fountains for an office, dental or medical office building. Rough plumbing for a drinking fountain is to be provided.

Plumbing Board News: As of August 30, 2013, the boards Executive Director Joseph Peluso has retired from the plumbing board. Wayne Thomas and David Mederios are the interim directors until a new Executive Director is chosen. Their contact information is below.

- Wayne Thomas (617) 727-6388
- David Mederios (617) 727-0084

As always, I would like to encourage all members to feel free contact me either by phone or email regarding the article or any other legislative matters.

By Frank Denisi, V.P. Legislative, Boston Chapter ASPE



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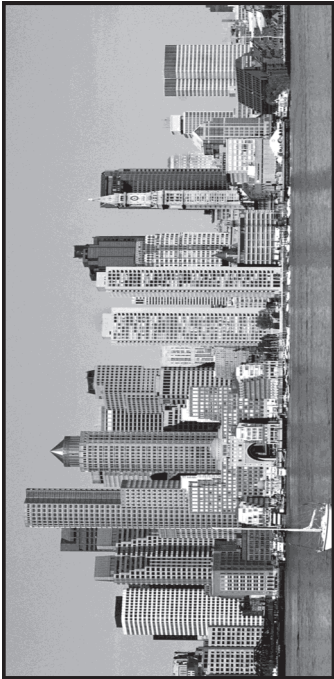
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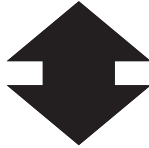
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