



**New England Association
Of
Fire Protection System Designers**

AMERICAN SOCIETY OF CERTIFIED ENGINEERING TECHNICIANS

MEETING NOTICE

DATE: September 13, 2010
PLACE: Double Tree Westborough Hotel
Rt. 9, Westborough, MA
TIME: 5:30 PM Social Hour
6:30 PM Dinner

COST: \$40.00 at the door

MENU: Beef \$35.00
Chicken \$30.00
Pasta \$28.00

APPLYING BUILDING INFORMATION MODELING (BIM) TO FIRE SPRINKLER DESIGN

Our speaker for this meeting is Alan Johnston. Alan has been the president of Hydratec, Incorporated since 1972. Hydratec specializes in the design, development, marketing and support of AutoCAD based software for the design, analysis and fabrication of fire protection sprinkler systems. Alan is the holder of several US patents including one for the retrofit of sprinklers systems into single family houses. Alan holds a BS in mechanical engineering and has served as part of the Hydratec training and support team for over thirty five years. Most recently, Alan has provided advanced training of the latest features of the HydraCAD software to groups of existing users in over fifty cities around the United States. Those presentations have exposed the HydraCAD users to the latest applications of Building Information Modeling (BIM) to fire sprinkler design. That exposure has also prepared the HydraCAD user with tools necessary to bring those designs into Navisworks and Revit which represent two of the most widely accepted BIM platforms in use today.

The topic of Building Information Modeling has been discussed in many different ways for the past several years. Alan's presentation will bring a somewhat hands on approach to that discussion from a Fire Protection System Designer's perspective. Starting with a generalized definition of BIM, Alan will illustrate some of the mechanics and much of the importance in fully understanding the common tools used for BIM implementation including a live demonstration of the use of Navisworks and Revit for BIM implementation. The application of BIM will have a profound affect on the work flow of fire protection design and understanding the current and future expectations of that new environment will be a critical factor in determining our success as fire protection system designers.

Please reserve by Wednesday, September 8, 2010. Make checks payable to NEAFPSD and mail to NEAFPSD, P.O. Box 149, Wrentham, MA 02093-0149 for reservations. Send all e-mail dinner reservations to: rsvp_neafpsd@yahoo.com

Please visit our website www.neafpsd.com