

# CONSTRUCTION 281: Major Renovations

March 7 - 8, 2019

NESPA Headquarters • Hamilton, New Jersey



Join us for this two-day Major Renovations School that presents a series of short, targeted lectures linked together by an interactive renovation design project. Beginning with client interviews and site reconnaissance information, students are guided by leading industry experts to document project-specific details, considering everything from materials to liability concerns. Students will choose one of three different projects to develop and work from.

## Learning Objectives:

- Develop a complete renovation project from site reconnaissance to troubleshooting, failures and creating a first draft design.
- Establish the work scope including design, material selection, structural engineering, mechanical systems, and construction considerations.
- Understand the nuances of proper renovation work and examine images that will inspire, illustrate, and explain the key topics.
- List key renovation considerations including codes, standards, contracts, liability, contingency, and other constructability issues.



Before



After

**Price:** **\$2,600** (tuition includes all materials, breakfast and lunch each day and a group dinner one night)

**Deadline to register: February 6 at [www.genesisuniversity.org](http://www.genesisuniversity.org)**

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## Instructors



### David J. Peterson, P.E., SWD® Master

Peterson is President/CEO of Watershape Consulting, Inc., an international planning, design, and engineering firm providing owners, architects, contractors, and the legal profession with services relating to residential, commercial, and institutional pools, spas, and water features. He obtained his B.S. Civil Engineering at Cal Poly, San Luis Obispo and is a licensed engineer in several states. Peterson has been in the watershaping industry since 1994 when he began his career designing life support systems for large aquariums and marine mammal exhibits. He was Vice President Engineering at Polaris Pool Systems where he developed and patented several products. He is a prolific writer and is actively involved with trade organizations and code development.



### William T. Drakeley, Jr., ACI, SWD® Master

Drakeley is principal and founder of Drakeley Pool Company, a luxury design and build firm based in New England, and Drakeley Industries, an international consulting firm focusing on shotcrete applications and techniques, notably providing training for the New York City Metropolitan Transit Authority underground tunneling projects. Bill is the first and only pool builder to sit as a Voting Member of the American Concrete Institute's (ACI) Committee 506 – Shotcrete and serves as Secretary of ACI C660 Nozzleman Certification Task Group. Bill is also sitting President of the American Shotcrete Association (ASA) and the Chairman of the ASA's Pool and Recreational Shotcrete Committee.

## Accreditation

1.6 IACET CEUs

16 Credit Hours DBPR-CILB Florida - Course #0612749



## Hotel Details

### *Residence Inn by Marriott Hamilton*

559 Route 130 North  
Hamilton, NJ 08620  
Phone: 609-585-2111  
[Online Reservations](#)

Room Rate: \$169 per night  
Deadline to reserve: February 6, 2019

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