

# SESSION TOPICS AT A GLANCE

If you are licensed in multiple states, most programs will satisfy all three states, unless the content is state specific or prohibited.

## 2015 International Existing Building Code: Navigating Structural Provisions

*Presented by Alexander Newman, P.E.*

**New York, NY – May 14**

**Albany, NY – April 12**

*Credits: PE [NY, NJ, & PA] - 7.0 PDHs;  
Architect, [NY & NJ] - 7.0 LUs-HSW*

## Current Code Design: Greater Technical Opportunities / Greater Ethical Demands

*Presented by James D. Quigley, MCP, CBO, BCO*

**New York, NY – April 24**

*Credits: PE [NY, NJ, & PA] - 7.0 PDHs;  
Architect, [NY & NJ] - 7.0 LUs-HSW*

## Quality Assurance / Quality Control in Construction

*Presented by William M. Rodwick, P.E., BSCE, MPA*

**New York, NY – March 26**

*Credits: PE [NY, NJ, & PA] - 7.0 PDHs;  
Architect, [NY & NJ] - 7.0 LUs-HSW*

## Professional, Legal, and Ethical Considerations for the Design Professional

*Presented by Lawrence P. Powers, Partner and Joseph A. Petrillo, Associate, Hoagland, Longo, Moran, Dunst & Doukas, LLP*

**Parsippany, NJ – March 29**

*Credits: PE [NY, NJ, & PA] - 7.0 PDHs;  
Architect, [NY & NJ] - 7.0 LUs-HSW*

## Engineered Lumber Design and Construction

*Presented by Patrick J. Conlon, P.E, Conlon Engineering*

**Parsippany, NJ – March 16**

*Credits: PE [NY] - 7.0 PDHs;  
Architect [NY] - 7.0 LUs-HSW*

Satisfies  
NY/NJ CE Ethics  
requirement



## REGISTRATION FEES

### Regular Sessions

**On or Before March 1st**

\$255 per person per program  
(Lunch on your own)

**After March 1st**

\$305 per person per program  
(Lunch on your own)

## Program schedule for all locations

8:00am - 8:30am	Registration
8:30am	Seminar Begins
12:00pm - 12:30pm	Lunch on your own
12:30pm	Seminar Reconvenes
4:00pm	Seminar Concludes

**Don't forget to take advantage of early registration incentives!**





## REGULATORY REMINDER

### New York Licensees

New York licensed Professional Engineers must include one (1) hour of Ethics within their 36 hour continuing education requirement each triennial cycle. This requirement became effective for registration periods beginning August 1, 2011 and after.

### New Jersey Licensees

New Jersey licensed Professional Engineers are required to complete (2) of the required 24 hours of professional development in professional practice ethics within each biennial cycle.

*The above information can be verified by contacting your individual state boards.*



***The Design Professional's Simple Affordable Solutions to meet mandatory continuing education requirements***

**As an AIA/CES Registered Provider, idp is recognized in New York, New Jersey and Pennsylvania as an approved provider of continuing education programming for professional engineers, licensed architects, landscape architects, and land surveyors. idp is also a Continuing Professional Competency Sponsor in the state of North Carolina.**

## 2015 International Existing Building Code: Navigating Structural Provisions

**T**he current edition of the New York State Uniform Fire Prevention and Building Code incorporates 2015 International Existing Building Code (IEBC). Unlike the building codes dealing with new construction, IEBC provides specific guidance for the projects involving repairs, alterations, and change of occupancy of existing buildings. Depending on the category of the proposed renovation efforts, IEBC specifies the extent of structural upgrades that must be made, whether related to the design program or not.

IEBC is a complex document, and it deserves careful study. In some cases even the knowledgeable design professionals disagree about some of its fine points. The purpose of the presentation is to help both architects and structural engineers navigate the code provisions. The architects in particular need to be aware that some common renovation tasks, such as simply changing the partition layout, could trigger unanticipated structural work—even a seismic retrofit of the entire building. This might push the project over the budget and bring it to a halt. Knowing about such triggers can spell the difference between an economical and a prohibitively expensive renovation project.

The instructor explains how IEBC provisions have been applied in practice, illustrating the discussion with real-life examples and case studies. Where appropriate, a number of plausible interpretations are offered, with a caveat that only the local building official is given the ultimate authority to interpret the code. The audience is encouraged to ask questions and offer their comments throughout this thought-provoking discussion.



### About the Presenter

**Alexander Newman, P.E.**, is a forensic and structural consultant in the Boston area. During four decades of professional practice, Mr. Newman has been involved with structural design, renovation, and failure investigation of numerous structures around the country. Mr. Newman's many publications include a number of award-winning articles that appeared in the leading engineering magazines. His definitive reference book *Structural*

*Renovation of Buildings: Methods, Details, and Design Examples* was published by McGraw-Hill Book Company in 2001. He is the author of two other authoritative books from McGraw-Hill: *Metal Building Systems: Design and Specifications*, now in third edition (2015) and translated into Chinese, and *Foundation and Anchor Design Guide for Metal Building Systems* (2013). Mr. Newman has led numerous educational seminars around the country for design professionals, building officials, owners and contractors. He has conducted training programs for the employees of U.S. State Department, U.S. Army Corps of Engineers, NASA, U.S. Air Force, Iraq Reconstruction Team, and many educational and professional groups. Mr. Newman can be reached at Alexander-Newman@Outlook.com.

## New York, NY • Albany, NY

**7 CE hours for:**

- Professional Engineers
- Licensed Architects

# Professional, Legal, and Ethical Considerations for the Design Professional

Satisfies  
NY/NJ CE Ethics  
requirement

This full-day program addresses various professional, legal and ethical issues which the design professional must consider when engaging in professional practice. First and foremost, the practice of architecture and engineering is a profession. As with other professions, various statutory and regulatory laws govern the permissible scope of practice, legal entities, and the professionals' overall ethical responsibilities. Often these regulations create ethical pitfalls for the professional engineer and architect. This seminar will address the scope and limitations of the professionals' practice and the permissible division of responsibility among the professions. The presenter will review the permissible business and corporate forms and partnerships and the legal requirements for practicing in such capacity. Also included in the program is a specific discussion of the individual rules of professional conduct to which architects and engineers are required to adhere in their professional and business practices.

This session will go on to address legal liability issues confronting practicing professionals on projects they undertake. The presenter will review the applicable professional standard of care for professional engineers and architects and highlight liability issues inherent with design practices, including liability for errors and omissions, construction administration, and site safety issues. In addition, contractual considerations including defining the scope of the architect's and engineer's responsibility. The program will also include a brief discussion on risk management strategies to avoid litigation.

Lastly, the presenter will discuss the individual rules of professional conduct, including the duty to inform and duty to cooperate with the governing boards. This will include the investigative and procedural aspects of an administrative board action and possible sanctions and discipline that engineers and architects may face for misconduct.

## Parsippany, NJ

**7 CE hours for:**

- Professional Engineers
- Licensed Architects

### About the Presenters



**Lawrence P. Powers, Partner**  
**Hoagland, Longo, Moran, Dunst & Doukas, LLP**

Lawrence Powers is Co-Chair of the firm's Construction Litigation Department. Larry's practice is focused on handling complex, multi-party construction related professional liability claims and other land use and development related matters, such as land use approvals and permitting, State Disciplinary Board matters and liquor license applications. He has tried numerous complex construction cases to a jury verdict. Admitted in 1984, Larry has over 30 years of experience in litigating, arbitrating and mediating complex construction disputes, and regularly handling difficult loss prevention and risk management assignments for world renowned design firms and all major professional liability insurers. Representative matters that he has handled include everything from contracts for sole practitioner architects to multi-billion dollar bridge and highway projects and international building projects.

Larry has served as General Counsel to AIA-New Jersey, the New Jersey Society of Professional Engineers and NJASLA for over twenty-five years. He regularly represents design professionals in disciplinary matters before the New Jersey State Board of Architects and Landscape Architects, New Jersey State Board of Engineers and Land Surveyors, and the New Jersey Licensed Site Remediation Professional Board.



**Joseph A. Petrillo, Associate**  
**Hoagland, Longo, Moran, Dunst & Doukas, LLP**

Joseph Petrillo is a member of Hoagland Longo's Construction Law Department where he focuses on cases involving construction defect claims, professional liability matters, and consumer fraud.

He is admitted to the bar in New Jersey, New York, and the United States District County of New Jersey. Prior to joining Hoagland Longo, Joseph was an Associate for a firm in Toms River, NJ where he primarily handled matters involving insurance defense and litigation, including slip and fall, automobile, and construction liability.

Joseph received his B.A. from The College of New Jersey, his M.A.D.I.R. from Seton Hall University, and his law degree from Seton Hall University School of Law. While in law school, Joseph clerked for the Hon. Richard W. English, J.S.C., Monmouth County Superior Court, Family Division and Criminal Division. Joseph is a Guest Lecturer on "Legal & Professional Issues for the New Jersey Engineer" at Rutgers University's School of Engineering from 2015 through the present.

# Current Code Design: Greater Technical Opportunities / Greater Ethical Demands

Construction codes are both technical and social in development and application. Traditionally and in accordance with constitutional police powers they have established the minimum requirements for the protection of public health, safety and general welfare from the ravages of fire and structural failure in the built environment. Over the past 30 years and with increased frequency these legislatively and judicially established parameters have provided guidance for social inclusiveness through a wide range of accessibility mandates which in turn affect egress, refuge and defend in place fire safety and response techniques. In addition environmental concerns have necessitated enhancements in energy conservation affecting both the structural envelop and significant ventilation air reduction; and structural load reduction design considerations. The present demands greater awareness by all design professions of these considerations. The future will demand more.

This full day session will provide a review of the ethical and technical implementation of current code provisions and a framework for anticipating what is to come. While there are many construction codes – Building, Fire, Mechanical, Fuel Gas, Plumbing, Electrical, Energy Conservation, etc. – each affecting an aspect/subsystem of the built environment, none stands alone. The sub systems they address must work synergistically. The positive effect of one could adversely affect another.

As referenced above, emphasis will be upon structural, environmental and mechanical code considerations. However, all attendees should be ready to participate in thought provoking discussion and relevant class exercises, emphasizing these parameters and any other which may be brought forward.

## Objectives

Upon completion of this seminar, participants will be better able to

1. Identify key differences between the 2006, 2009, 2012 and 2015 IMC for ventilation.
2. Calculate minimum fresh air requirements based upon occupancy classification.
3. Perform load transfer calculations utilizing code authorized techniques.
4. Address the choice of alternative construction materials on emergency response considerations.
5. Have a clear understanding of the ethical implications of code compliance in their performance as a design professional.



## About the Presenter

### James D. Quigley, MCP, CBO, BCO



James Quigley has been the president of National Code Consultants, Inc. (NCCI) and provides creative consultation services for architects, engineers, project developers, and building contractors. In addition, he serves as general manager of National Inspection Agency, a division of NCCI, doing comprehensive independent plan examinations and inspections for municipalities, design professionals, commercial developers, and third party electrical inspections. Jim has served in many government code

administration capacities as well.

## Quality Assurance / Quality Control in Construction

The focus of this full day program is to clarify the quality requirements and responsibilities for both the contractor and the owner's representatives during the construction life of a capital project, based on the International Standards Organizations' (ISO) framework. This framework can be used to assure the successful management of any business.

This session will explain not only *what* is required to successfully implement 13 ISO management elements, but also *how* those processes can be practically achieved in the field. The presenter will provide attendees with clear examples of good quality control end-products. The goal is to eliminate the often grinding conflict between maintaining the project schedule, giving the owner a quality project that both parties can be proud of while maximizing the contractor's profitability.

This session will demonstrate how to encourage efficient and effective performance of the quality control responsibilities of the contractor and the quality assurance responsibilities of the owner's representatives. High performance is achieved by facilitating the contractor's progress and making certain that the specified level of quality is delivered. Getting the job done right the first time minimizes punch-lists and call-backs. The session will include small group exercises as time permits to emphasize these methods.

# New York, NY

7 CE hours for:

- Professional Engineers
- Licensed Architects



**About the Presenter**

**William M. Rodwick, P.E., BSCE, MPA.**

William Rodwick has over 50 years of experience as a Designer, Construction Manager, Estimating Chief, AVP of Design, Quality & Safety Chief. He has also served as Technical & Continuing

Education Trainer with over 25 courses developed & presented to thousands of design and construction professionals. His involvement in projects range from hospitals, laboratory clean rooms, sports stadiums, family housing, military base expansion for the 10th Mountain Division, flood control, bridge repair and replacement, railroad track and signal replacement, manufacturing & industrial repair facilities. He also worked at Thule Airbase in Greenland & other overseas sites on a variety of classified projects.

Bill has just completed 5 years of service as President of the NYS Practicing Institute of Engineering, with an additional 5 years as VP of Quality Control and continues as a Trustee and Course Evaluator for them. He also serves as a member of the NYSSPE Engineers in Construction Committee. Bill is also a life member of both NSPE & NYSSPE and has earned a Master of Public Administration degree summa cum laude, with several of his courses developed based on his thesis work.

New York, NY

**7 CE hours for:**

- Professional Engineers
- Licensed Architects

# Engineered Lumber Design and Construction

Learn the essentials for timber and engineered lumber design in the 21st century. This program will focus on design for light frame structures in both the residential and commercial sectors. Real world examples for design of essential gravity framing components will include joists, rafters, girders, columns and connections. Design for conformance with the prescriptive braced wall line provisions of the International Residential Code will be addressed via review of the code itself and a detailed design example.

This program is presented by an experienced structural engineering design professional who will present technical material in a spirited, engaging style. Mr. Conlon will bring examples from his twenty year long career to demonstrate practical lessons learned from a diverse project inventory. Forensic examples will include astonishing cases of defective workmanship every design professional should watch out for. Technical design examples will illustrate load path for component analysis and procedures for rapid structural design. Computer software packages will be reviewed and their relative merits discussed.



**About the Presenter**

**Patrick J. Conlon, PE.**

Founder and managing principal of Conlon Engineering, Patrick Conlon possesses twenty years of structural engineering experience. Addressing structural challenges for diverse clients, his work includes design for new construction, renovation of existing structures, and structural rehabilitation

of existing structures in a variety of categories including commercial, residential, industrial, office, school, religious and recreational buildings; adaptive reuse projects; LEED accredited projects; peer reviews of other engineers' work.

Pat is a licensed professional engineer in Connecticut, New York, New Jersey, and Massachusetts. He is also a member of the American Society of Civil Engineers, the Structural Engineers Coalition: CT, and the American Institute of Steel Construction.

Parsippany, NJ

**7 CE hours for:**

- Professional Engineers
- Licensed Architects

# DATES AND LOCATIONS

Directions to each location will be forwarded to participants with their registration confirmations, or they can be found on our website at [www.idpsessions.com](http://www.idpsessions.com). If you are traveling a distance, and would like information on nearby hotels, please contact idp at (315) 682-1496, or email at [info@idpsessions.com](mailto:info@idpsessions.com)

## NEW YORK

<b>New York, NY</b>	<b>UFT, 52 Broadway, 19th Floor, New York, NY 10004</b>
	March 26 – Quality Assurance / Quality Control in Construction – 8:30am - 4:00pm
	April 24 – Current Code Design: Greater Technical Opportunities / Greater Ethical Demands – 8:30am - 4:00pm
May 14 – International Existing Building Code: Navigating Structural Provisions – 8:30am - 4:00pm	
<b>Albany, NY</b>	<b>Hampton Inn Albany, 1442 Western Avenue Albany, NY 12203, 518-438-0001</b>
	April 12 – International Existing Building Code: Navigating Structural Provisions – 8:30am - 4:00pm

## NEW JERSEY

<b>Parsippany, NJ</b>	<b>Sheraton Parsippany Hotel, 199 Smith Road, Parsippany, NJ 07054, (973) 515-2000</b>
	March 16 – Engineered Lumber Design and Construction – 8:30am - 4:00pm
<b>Parsippany, NJ</b>	<b>Holiday Inn Parsippany Fairfield, 707 US-46, Parsippany, NJ 07054, (973) 263-2000</b>
	March 29 – Professional, Legal, & Ethical Considerations for the Design Professional – 8:30am - 4:00pm

**Save Trees...** If you are receiving duplicate mailings please send us an email and let us know your preferred mailing address, and/or email address.

# REGISTRATION FORM

## SPRING 2018

Return this form along with payment to:  
institute for design professionals, LLC  
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Name \_\_\_\_\_  
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License (check all that apply)  PE  LS  Architect  
License Number (s) \_\_\_\_\_ State \_\_\_\_\_  
AIA member  Yes # \_\_\_\_\_  No

**Choose Your Location ....** *I will attend the following Program(s):*

### Engineered Lumber Design and Construction

Parsippany, NJ – March 16.....\$ \_\_\_\_\_

### Quality Assurance / Quality Control in Construction

New York, NY – March 26.....\$ \_\_\_\_\_

### Professional, Legal & Ethical Considerations for the Design Professional

Parsippany, NJ – March 29.....\$ \_\_\_\_\_

### International Existing Building Code: Navigating Structural Provisions

Albany, NY – April 12 .....\$ \_\_\_\_\_

New York, NY – May 14.....\$ \_\_\_\_\_

### Current Code Design: Greater Technical Opportunities / Greater Ethical Demands

New York, NY – April 24 .....\$ \_\_\_\_\_

**Enclosed is \$255 or \$305 (if after March 1) per program:.....\$ \_\_\_\_\_**

**TOTAL FEES ENCLOSED.....\$ \_\_\_\_\_**

Checks or Money Orders should be made payable to institute for design professionals, LLC

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For more information,  
Call in New York:  
(315) 682-1496, Fax (315) 682-1571  
Or email, [info@idpsessions.com](mailto:info@idpsessions.com)

**Be sure to check out our website at [idpsessions.com](http://idpsessions.com)**

### Cancellations/Refund Policy:

If you need to cancel your registration, please contact us as soon as possible. Cancellations must be made in writing with the attendee's name and the title, date, and location of the seminar. Cancellations will be accepted up to 10 days prior to your seminar, less \$50. You may, however, transfer the entire fee to a future seminar. For cancellations made between 10 and 3 days prior to your seminar, only a transfer of the fee to a future seminar is allowed. No refund or transfer is allowed for cancellations within 3 days of your seminar. Instructor Substitution: idp reserves the right to substitute an equally qualified instructor for any seminar should unforeseen circumstances arise.



## Continuing **Education** Opportunities

- ✔ Offered by an approved Sponsor – idp is a Registered AIA/CES Provider
- ✔ Meets classroom activity requirement under New York, New Jersey and Pennsylvania CE Regulations
- ✔ Meets applicable subject requirement for Professional Engineers, Licensed Architects, Landscape Architects and Land Surveyors as noted.



# Spring 2018 Sessions

*The Design Professional's source for mandatory continuing education opportunities!*



**See inside for important Regulatory reminders**

**5** TOPICS

**7** CE HOURS EACH

**3** CITIES

