

# Agenda

## History and Overview of Special Inspections

- Chapter 17 of the International Building Code
- Complying with requirements of NYC Department of Buildings
- Statement of special inspections
- Referenced standards
- Special inspector qualifications
- Testing and inspection agency accreditation
- Forms, schedules and agreements
- Pre-construction meeting

## Soil and Foundation Inspections

- Existing soil conditions
- Site preparation
- Shallow foundations
- Deep foundations

## Concrete and Masonry Construction Inspections

- Concrete reinforcement, placement, testing and inspection
- Curing concrete, hot- and cold-weather concrete
- Pre-stressed and precast concrete
- Masonry inspection frequency and material test methods
- Mortar, grout, unit placement and reinforcement

## Steel Inspections

- Shop fabrication
- Structural steel welding
- Bolted connections
- Details

## Structural Stability

- Alterations and partial demolition of structures
- Full demolition using mechanical means and methods or other means of demolition
- Construction operations influencing adjacent structures
- Excavations

## Tenant Protection Plan Compliance

- Compliance of protections for occupied buildings during work
- Protection methods and necessities
- Exceptions and frequencies of conditions review

## Material Standards and Load Tests

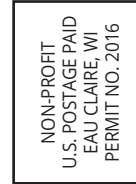
- Design strength of materials and alternative test procedures
- In-situ load tests
- Pre-construction load tests

## Non-conformances, Final Reports and Ethical Issues

- Understanding inspector authority
- Resolving non-conformances
- Ethical responsibilities of parties
- Issuing and distributing final report

## Complying with Special Inspection Requirements in New York City

Live, Interactive Webinar - Thursday, February 29, 2024



HalfMoon Education Inc.  
PO Box 278  
Altoona, WI 54720-0278



## Learning Objectives

### You'll be able to:

**Explore** the special inspection requirements of the New York City Department of Buildings.

**Discuss** referenced standards, special inspector qualifications and preconstruction meeting requirements.

**Review** special inspection requirements for soils, foundations, concrete and masonry.

**Identify** special inspection requirements for structural steel, including welds and other connections.

**Examine** requirements for partial and full demolition of structures.

**Comply** with tenant protection plans for occupied buildings.



## HalfMoon Education Live Webinars

# Complying with Special Inspection Requirements in New York City

Live, Interactive Webinar - Thursday, February 29, 2024



**Examine** water resources and the impacts of climate change

**Discuss** geologic carbon sequestration

**Learn** about legal rights of mineral and surface owners

**Analyze** chemical information regarding PFAS

**Explore** recent and anticipated developments at the US EPA

### Continuing Education Credits

#### Professional Engineers

6.5 PDHs

#### International Code Council

.65 CEUs (Building)

#### Architects

6.5 HSW CE Hours

6.5 AIA LU | HSW

AIA  
Continuing  
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# Webinar Information

## Log into Webinar

8:00 - 8:30 am EST

## Break

12:15 - 12:45 pm EST

## Morning Session

8:30 am - 12:15 pm EST

## Afternoon Session

12:45 - 4:00 pm EST

## Tuition

**\$319** for individual registration.

**\$289** for two or more registrants from the same company at the same time.

**Included with your registration:** PDF seminar manual.

## How to Register

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# Faculty

## Gregory C. Moormann, P.E., R.A.

*ANCORA ENGINEERING, PLLC, in New York City*

Gregory C. Moormann, PE, RA, earned a 5-year bachelor of architecture degree and a master of science degree in Civil Engineering from the New Jersey Institute of Technology. He is dually licensed as a registered architect and a licensed professional engineer in the States of New York, New Jersey, Pennsylvania, and other states and holds multiple professional affiliations and certifications. Mr. Moormann has spent a large portion of his 18+ year career involved in heavy construction and new building development in the New York City market under various capacities of geotechnical, excavations, demolition, remediation, and structural design works. Notable projects include MoMa Tower Verre; 432 Park Avenue; World Trade Center Towers 2, 3 & 4; 220 Central Park; Nordstrom Tower; and currently under construction 740 8th Avenue. Mr. Moormann has been directly involved with over 750 construction projects in the tri-state region. Additionally, he has overseen held a technical director position in multiple engineering companies all special inspection operations. Mr. Moormann is co-owner and principal of Ancora Engineering based out of mid-town Manhattan. Mr. Moormann also has his own private architecture and engineering practice focused on the local market around his New Jersey home.

# Credit Information

This webinar is open to the public and is designed to qualify for 6.5 PDHs for professional engineers and 6.5 HSW continuing education hours for licensed architects in New York. Professionals seeking continuing education credits in other states may be able to claim the hours earned at this event; please refer to specific state rules to determine eligibility.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700) and North Carolina (S-0130). HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and architects via its registration with the American Institute of Architects Continuing Education System (AIA). Other states do not preapprove continuing education providers or courses.

The American Institute of Architects Continuing Education System has approved this course for 6.5 HSW LUs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved this event for .65 CEUs in the specialty area of Building (Preferred Provider No. 1232).

Attendance will be monitored, and attendance certificates will be available after the webinar for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

## On-Demand Credits

The preceding credit information only applies to the live presentation. This course in an on-demand format may not be eligible for the same credits as the live presentation; please consult your licensing board(s) to ensure that a structured, asynchronous learning format is appropriate. The following pre-approvals may be available for the on-demand format upon request:

6.0 HSW LUs (AIA)

# Additional Learning

## Structural Condition Reviews and Structural Failures in New York

- Friday, March 15, 2024 | 8:30 am - 4:50 pm EST

## Presented by James D'Aloisio, P.E., SECB, LEED AP

*Principal with Klepper, Hahn & Hyatt in Syracuse*

## Agenda Highlights

- The Premise of Building Safety
- Illustrative Failures
- Considerations for Structural Building Reviews
- Special Considerations
- Types of Reviews
- Managing Design Professional Risk
- Review Scenarios

## Shallow Foundation Design, Construction & Repair

- Wednesday, January 31, 2024 | 9:30 am - 5:30 pm EST

## Deep Foundations and Excavations

- Thursday, February 1, 2024 | 9:30 am - 6:00 pm EST

## Air Barriers and Exterior Cladding

- Monday, February 5, 2024 | 10:00 am - 5:00 pm EST

## 2021 International Residential Code: Means of Egress

- Tuesday, February 6, 2024 | 1:00 - 5:30 pm EST

## Complying with Fair Housing Act Accessibility Requirements

- Tuesday, February 6, 2024 | 9:30 am - 6:00 pm EST

## Electrifying Existing Homes: Needs Assessment and Data Collection

- Tuesday, February 6, 2024 | 11:00 am - 1:00 pm EST

## Tiny House Design and Construction

- Wednesday, February 7, 2024 | 10:00 am - 6:15 pm EST

## Evaluating and Maintaining Structural Integrity of Buildings in the Northeast

- Friday, February 9, 2024 | 9:00 am - 4:00 pm EST

## Natural Ventilation Principles and Techniques

- Monday, February 12, 2024 | 10:00 am - 5:00 pm EST

## Basement Design and Construction: Adding Economical Below-Grade Living Space

- Tuesday, February 13, 2024 | 9:30 am - 5:20 pm EST

## Designing and Constructing with Steel Joists

- Wednesday, February 14, 2024 | 10:00 am - 5:00 pm EST

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