

## Credit Information

### AIA Contract Document Workshop

This webinar offers 7.0 PDHs to professional engineers and 7.0 continuing education hours to architects in states that allow non-HSW coursework.

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).

The American Institute of Architects Continuing Education System has approved this course for 7.0 LU | Elective. Only full participation is reportable to the AIA/CES.

The International Code Council has approved this event for .7 CEUs in the specialty area of Administration (Preferred Provider No. 1232).

Completion certificates will be awarded to participants who complete this event, respond to prompts, and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

### Shallow Foundation Design

This webinar offers 6.0 PDHs to professional engineers and 6.0 HSW continuing education hours to architects licensed in all states.

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 (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2). Other states do not preapprove continuing education providers or courses.

The American Institute of Architects Continuing Education System has approved this course for 6.0 LU | HSW (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved this event for .6 CEUs in the specialty area of Building (Preferred Provider No. 1232).

Completion certificates will be awarded to participants who complete this event, respond to prompts and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

### **Can't Attend? Order the Webinar as a Self-Study Package!**

Recordings of each webinar are available for purchase. See course listing online for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

## Live, Interactive Webinars

- AIA Contract Document Workshop
- Shallow Foundation Design

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## Live, Interactive Webinars

### **AIA Contract Document Workshop**

- Tuesday, March 1, 2022 | 8:30 am - 5:00 pm CST

### **Shallow Foundation Design**

- Thursday, March 3, 2022 | 11:00 am - 2:15 pm CST

- Friday, March 4, 2022 | 11:00 am - 2:15 pm CST

**To register, view detailed presenter biographies,  
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## HalfMoon Education Live Webinars



### **AIA Contract Document Workshop**

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Credits: Professional Engineers: 7.0 PDHs

Architects: 7.0 CE Hours (non-HSW)

AIA: 7.0 LU | Elective

International Code Council: .7 CEUs (Administration)



### **Shallow Foundation Design**

Thursday, March 3, 2022 | 11:00 am - 2:15 pm CST

Friday, March 4, 2022 | 11:00 am - 2:15 pm CST

Credits: Professional Engineers: 6.0 PDHs Architects: 6.0 HSW CE Hours

AIA: 6.0 LU | HSW

International Code Council: .6 CEUs (Building)

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**AIA  
Continuing  
Education  
Provider**



# AIA Contract Document Workshop

**Tuesday, March 1, 2022 | 8:30 am - 5:00 pm CST** (incl. a 60-min break)

**Tuition:** \$289 per registrant, \$239 per registrant for three or more

## Agenda

### Construction Contract Fundamentals

*K. Hardwick*

Contract terminology

- Parties, consideration, term, performance, substantial performance, breach, remedies, damages

Understanding types of construction contracts:

- Stipulated sum
- Cost plus fee
- Design build
- Construction management

Understanding roles and relationships of project participants:

- Owners, architects/engineers, construction managers, contractors, subs and suppliers

Contract negotiation and drafting

Exploring the law of construction contract interpretation

### The Primary AIA Contract Documents

*C. Farrar*

A101-2017 Standard Form of Agreement Between Owner and Contractor (Stipulated Sum)

A102-2017 Standard Form of Agreement Between Owner and Contractor (Cost Plus Fee with GMP)

B101 - 2017 Standard Form of Agreement Between Owner and Architect

A133-2009 Standard Form of Agreement Between Owner and Construction Manager Where Construction Manager is also Constructor

A141 - 2014 Standard Form of Agreement Between Owner and Design Builder

A401 - 2017 Standard Form of Agreement Between Contractor and Subcontractor

C401 - 2017 Standard Form of Agreement Between Architect and Consultant

### AIA A201: General Conditions

*M. Becker*

Overview of new updates to AIA documents

General provisions

Project participants: owner, contractor, architect, engineer, subcontractors

Changes in the work

Time, payments and completion

Protection of persons and property, insurance and bonds

Defects in and correction of work

Miscellaneous provisions

Termination, suspension, claims and disputes

### Supplemental or Alternate AIA Contract Documents

*J. Thompson*

A105-2017 Standard Form of Agreement Between Owner and Contractor for a Residential or Small Commercial Project

A107-2017 Standard Form of Agreement Between Owner and Contractor for a Project of Limited Scope

B105-2017 Standard Form of Agreement Between Owner and Architect for a Residential or Small Commercial Project

The “SP” Series for Sustainable Projects

AIA Contract Documents for Digital Practice

### Case Study: Reviewing Completed Contract Documents for a Sample Project

*J. Thompson*

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AIA: 7.0 LU | Elective International Code Council: .7 CEUs (Administration)

## Presented by

**Kyle R. Hardwick** *Attorney with Best & Flanagan, LLP, in Minneapolis, MN*

Mr. Hardwick is a construction and energy law attorney. From nuclear power plants to windfarms, bridges to roads and dams, Mr. Hardwick has solved problems for a wide range of parties, including private and public owners, contractors, subcontractors, and nonprofit organizations. He regularly drafts and negotiates construction, design, supply chain, and procurement contracts for parties across the construction spectrum. Mr. Hardwick litigates construction and real estate cases in state and federal courts and has successfully handled numerous arbitrations and mediations.

**Cristopher Farrar** *Partner with Bradley in Houston, TX*

Mr. Farrar focuses his practice on drafting construction, engineering and architectural agreements, as well as service and operation-related contracts and oilfield transactions. He represents clients in a wide range of sophisticated and complex project development matters related to commercial, energy, oil and gas, power, renewable, manufacturing, chemical, pipeline, offshore, and infrastructure. Having served as in-house counsel for international engineering and construction companies, Mr. Farrar is a trusted advisor and consultant on the development of construction projects by leading clients through the development and negotiation of project documents. He has significant experience on a broad range of transactions throughout the entire project cycle – from selection of the proper delivery system through punch list completion. He has drafted and negotiated bespoke agreements, including unique contractual agreements, as well as AIA and FIDIC industry forms.

## Mark R. Becker

*Shareholder with Fabyanske, Westra, Hart & Thomson, P.A., in Minneapolis, MN*

Mr. Becker is a leading construction lawyer recognized for his skillful advocacy and professionalism in resolving his clients’ most challenging construction related disputes or negotiating their most significant construction contracts. In 2020, Mr. Becker was recognized by Who’s Who Legal as a future leader partner in construction law, one of only three attorneys in the United States to receive this honor. His experience and practice focus in innovative early mediation methods of dispute resolution sets him apart from other lawyers with a traditional litigation-centric focus. Through his effective early mediation advocacy, Mr. Becker has successfully resolved many high-stakes, multi-party, and complex construction disputes for his clients before the onset of the most significant litigation expense. He employs early case evaluation, quantitative analysis, and strategic planning methods to guide clients through their disputes.

**Jennifer A. Thompson** *Partner at TTLO Law in Edina, MN*

Ms. Thompson has been practicing construction and real estate law her entire legal career. Her work includes multi-party construction litigation as well as multi-party, multi-tier transactional work, including contract negotiation and drafting. Her legal practice involves assisting clients on bidding, contracting, and claims prosecution for both public and private projects. This work involves such matters as advising and counseling clients on issues of government contracting, including procurement and government regulations. Ms. Thompson has experience in surety work, mechanic’s lien claims, construction defects, and construction contract disputes. She is the legal advisor to the Association of Women Contractors (AWC) and takes great pride in her work representing women-owned construction businesses in matters relating to WBE, DBE, and MBE certifications, as well as other construction and business matters. Ms. Thompson currently serves as the Treasurer of the Minnesota State Bar Association (MSBA). She is the chair of the MSBA Membership Committee and a member of the MSBA Council and Assembly. Ms. Thompson is also a past-chair of the Construction Law Section of the MSBA.

# Shallow Foundation Design

**Thursday, March 3, 2022 | 11:00 am - 2:15 pm CST** (incl. a 15-min break)

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## Agenda Day One

### Evaluating Building Sites

Soil mechanics overview

Site exploration

Subsurface exploration

Laboratory soil testing

Design soil profile

### Shallow Foundation Design

Bearing capacity

Settlement

Spread footings

Mat foundations

## Agenda Day Two

### Special Considerations in Foundation Design and Construction

Foundations on expansive soils

Foundations on stratified soils

Foundations on the slope

Retaining and basement walls

Slope stability

Excavation and grading

Dewatering and drainage

Surface preparation and verification

Complying with building codes

### Soil Improvement and Foundation Diagnosis and Repair

Soil improvement

Causes of foundation damage

Repair techniques

- Structural support

- Helical piers

- Jacked piers

- Mini piles

- Slab jacking

- Pit underpinning

- Grouting methods

- Cement grouting

- Chemical grouting

- Fracture grouting

- Jet grouting

## Presented by

**Ibraheem Shunnar, P.E** *Director of Engineering at The Mannik & Smith Group*

Mr. Shunnar has more than 25 years of experience in geotechnical engineering with expertise in specialty foundations, ground improvement, slope stability, instrumentation and waste management. He has a master’s degree in Geotechnical Engineering from the University of Michigan, and he is a registered professional engineer. He is the author of many articles and papers on geotechnical engineering. He was the project manager for the Fairlane Green redevelopment project, winner of the 2008 National Phoenix Award. He is also the recipient of the distinguished achievement award from the University of Michigan.

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