



NFBA \ EDUCATION

2023 NFBA Webinar Schedule

(Webinars will be held on Tuesdays at 3 pm central/4 pm eastern)

(August 23rd through December 13th - Webinars will be held on Wednesdays at 3 pm central/4 pm eastern)

January

Tuesday, 10th- Diaphragm Design of Post Frame Using DAFI – Engineering Details

Presented by: Dr. Dan Hindman

Learning Objectives:

- Learn how to conduct 2-D design of a post-frame (PF) system (Principles + Design Example)
- Learn how to conduct diaphragm design of a PF system (Principles + Example)
- Learn how diaphragm design reduces the structural loads carried by sidewall posts in PF systems
- Identify the PF design resources available to architects and engineers

<https://attendee.gotowebinar.com/register/8051929681135745549>

Tuesday, 24th– Simplified Method for Shallow Post and Pier Foundation Design Details

Presented by: Dr. Joe Zulovich

Learning Objectives:

- Design shallow post/pier foundations to resist bearing and uplift loads
- Determine when the Simplified method may be used for shallow post/pier foundation design
- Determine ground line shear and moment in shallow post/pier foundation systems using the simplified method
- Determine design embedment depths for shallow post/pier foundation systems using the simplified design method

<https://attendee.gotowebinar.com/register/5896582328139236878>

February

Tuesday, 14th – Universal Method for Shallow Post and Pier Foundation Design

Presented by: Dr. Dan Hindman

Learning Objectives:

- -When to use the Universal methodology for shallow post/pier foundation design
- -How to determine ground line shear and moments in shallow post/pier foundation systems using the Universal design method
- -How to determine required embedment depths for shallow post/pier foundation systems using the Universal design method

<https://attendee.gotowebinar.com/register/5367754621983851870>

Tuesday, 28th – Design Aid for Shallow Post and Pier Foundations

Presented by: Dr. Joe Zulovich

Learning Objectives:

- -Access the Shallow Post and Pier Foundation Design Aid
- -Identify the range of foundation design applications solvable with the Design Aid
- -Navigate the several sections of the Design Aid Workbook
- -Use the Design Aid to determine the adequacy of shallow post or pier foundations to resist: bearing loads, uplift loads, lateral loads

<https://attendee.gotowebinar.com/register/4102732410050768735>

March

Tuesday, 14th – Introduction to Post Frame Building Systems

Presented by: Dr. Dan Hindman

Learning Objectives:

- Identify the versatility and range of applications for post-frame (PF) building systems
- Identify the structural features that make PF building systems unique
- Identify the technical resources for structural design of PF building systems
- Identify the primary structural design approaches for PF building systems
- Identify key performance characteristics of PF building systems

<https://attendee.gotowebinar.com/register/8541577399617688150>

Tuesday, 28th – 2015 Post-Frame Building Design Manual – 2nd Edition

Presented by: Dr. Joe Zulovich

Learning Objectives:

- Format of the 2015 Post-Frame Building Design Manual (PFBDM-2015)
- Organization of the PFBDM-2015
- Contents of the PFBDM-2015

<https://attendee.gotowebinar.com/register/4403379571017644896>

April

Tuesday, 11th – 2019 Non-Diaphragm Post-Frame Building Design Guide

Presented by: Dr. Dan Hindman

Learning Objectives:

- Scope and Contents of the Non-Diaphragm Post-Frame Building Design Guide (ND-PFBDG-2019)
- Lateral Force Resisting Systems (LFRS) for Non-Diaphragm Post-Frame Building Systems (PFBS)
- Guidelines for Conducting Structural Analysis of Non-Diaphragm PFBS
- Guidelines for Designing Key Structural Components of Non-Diaphragm PFBS
- Guidelines for Designing Key Connections in Non-Diaphragm PFBS

<https://attendee.gotowebinar.com/register/4695424153006307928>

April

Tuesday, 25th- Non-Diaphragm Post-Frame Structural Design Examples: Engineering Details

Presented by: Dr. Joe Zulovich

Learning Objectives:

- **Conducting the Structural Analysis of the Primary Frame for a Non-Diaphragm Post Frame Building System (ND-PFBS)**
- **Conducting the structural Analysis of the Sidewall Frame for a ND-PFBS**
- **Designing the key Structural Elements for a ND-PFBS**
- **Designing the Key Connections for a ND-PFBS**

<https://attendee.gotowebinar.com/register/1922610858894777949>

May

Tuesday, 9th – Architectural Alternatives for Post-Frame Building Systems

Presented by: Dr. Dan Hindman

Learning Objectives:

- **Identify the unique structural features of PFBS**
- **Demonstrate the code compliance of PFBS**
- **Demonstrate the energy efficiency and sustainability of PF building systems**
- **Identify and demonstrate with completed Post-Frame (PF) project case studies the range of applications and architectural features possible with PFBS**

<https://attendee.gotowebinar.com/register/5227834071471542613>

MAY

Tuesday 23rd – Modern Post-Frame Structural Design Practice: An Introduction

Presented by: Dr. Joe Zulovich

Learning Objectives:

- Identify the primary structural components of post-frame (PF) building systems
- Learn how to conduct structural design of PF systems without diaphragm action
- Learn how to conduct structural design of PF systems with diaphragm action
- Learn how to design isolated post/pier PF foundations
- Identify post-frame design resources available to architects and engineers

<https://attendee.gotowebinar.com/register/5752500129525404767>

June

Tuesday, 13th – Diaphragm Design of Post Frame Using Sway & Shear Modifiers – Engineering

Presented by: Dr. Dan Hindman

Learning Objectives:

- Determine required sidewall post sizes in PF systems using Sway and Shear Modifiers (mD and mS) (Principles + Example)
- Identify how diaphragm design reduces the structural loads carried by sidewall posts in PF systems
- Identify and access the PF design resources available to architects and engineers

<https://attendee.gotowebinar.com/register/8517015409382264670>

June

Tuesday, 27th- Diaphragm Design of Post Frame Using DAFI – Engineering Details

Presented by: Dr. Joe Zulovich

Learning Objectives:

- Learn how to conduct 2-D design of a post-frame (PF) system (Principles + Design Example)
- Learn how to conduct diaphragm design of a PF system (Principles + Example)
- Learn how diaphragm design reduces the structural loads carried by sidewall posts in PF systems
- Identify the PF design resources available to architects and engineers

<https://attendee.gotowebinar.com/register/3386991022318981974>

July

Tuesday, 11th – Simplified Method for Shallow Post and Pier Foundation Design Details

Presented by: Dr. Dan Hindman

Learning Objectives:

- Design shallow post/pier foundations to resist bearing and uplift loads
- Determine when the Simplified method may be used for shallow post/pier foundation design
- Determine ground line shear and moment in shallow post/pier foundation systems using the simplified method
- Determine design embedment depths for shallow post/pier foundation systems using the simplified design method

<https://attendee.gotowebinar.com/register/1876761224033839708>

July

Tuesday, 25th– Universal Method for Shallow Post and Pier Foundation Design

Presented by: Dr. Joe Zulovich

Learning Objectives:

- -When to use the Universal methodology for shallow post/pier foundation design
- -How to determine ground line shear and moments in shallow post/pier foundation systems using the Universal design method
- -How to determine required embedment depths for shallow post/pier foundation systems using the Universal design method

<https://attendee.gotowebinar.com/register/1791258801811504725>

August

Tuesday, 8th – Design Aid for Shallow Post and Pier Foundations

Presented by: Dr. Dan Hindman

Learning Objectives:

- -Access the Shallow Post and Pier Foundation Design Aid
- -Identify the range of foundation design applications solvable with the Design Aid
- -Navigate the several sections of the Design Aid Workbook
- -Use the Design Aid to determine the adequacy of shallow post or pier foundations to resist: bearing loads, uplift loads, lateral loads

<https://attendee.gotowebinar.com/register/825648998601099606>

August

Wednesday, 23rd – Introduction to Post Frame Building Systems

Presented by: Dr. Joe Zulovich

Learning Objectives:

- Identify the versatility and range of applications for post-frame (PF) building systems
- Identify the structural features that make PF building systems unique
- Identify the technical resources for structural design of PF building systems
- Identify the primary structural design approaches for PF building systems
- Identify key performance characteristics of PF building systems

<https://attendee.gotowebinar.com/register/4711229632673167968>

September

Wednesday, 13th – 2015 Post-Frame Building Design Manual – 2nd Edition

Presented by: Dr. Dan Hindman

Learning Objectives:

- Format of the 2015 Post-Frame Building Design Manual (PFBDM-2015)
- Organization of the PFBDM-2015
- Contents of the PFBDM-2015

<https://attendee.gotowebinar.com/register/1259383246014643294>

Wednesday, 27th – 2019 Non-Diaphragm Post-Frame Building Design Guide

Presented by: Dr. Joe Zulovich

Learning Objectives:

- Scope and Contents of the Non-Diaphragm Post-Frame Building Design Guide (ND-PFBDG-2019)
- Lateral Force Resisting Systems (LFRS) for Non-Diaphragm Post-Frame Building Systems (PFBS)
- Guidelines for Conducting Structural Analysis of Non-Diaphragm PFBS
- Guidelines for Designing Key Structural Components of Non-Diaphragm PFBS
- Guidelines for Designing Key Connections in Non-Diaphragm PFBS

<https://attendee.gotowebinar.com/register/8657332884296215135>

October

Wednesday, 11th- Non-Diaphragm Post-Frame Structural Design Examples: Engineering Details

Presented by: Dr. Dan Hindman

Learning Objectives:

- Conducting the Structural Analysis of the Primary Frame for a Non-Diaphragm Post Frame Building System (ND-PFBS)
- Conducting the structural Analysis of the Sidewall Frame for a ND-PFBS
- Designing the key Structural Elements for a ND-PFBS
- Designing the Key Connections for a ND-PFBS

<https://attendee.gotowebinar.com/register/482514509316578395>

Wednesday, 25th – Architectural Alternatives for Post-Frame Building Systems

Presented by: Dr. Joe Zulovich

Learning Objectives:

- Identify the unique structural features of PFBS
- Demonstrate the code compliance of PFBS
- Demonstrate the energy efficiency and sustainability of PF building systems
- Identify and demonstrate with completed Post-Frame (PF) project case studies the range of applications and architectural features possible with PFBS

<https://attendee.gotowebinar.com/register/5615528468495851100>

November

Wednesday 15th – Modern Post-Frame Structural Design Practice: An Introduction

Presented by: Dr. Dan Hindman

Learning Objectives:

- Identify the primary structural components of post-frame (PF) building systems
- Learn how to conduct structural design of PF systems without diaphragm action
- Learn how to conduct structural design of PF systems with diaphragm action
- Learn how to design isolated post/pier PF foundations
- Identify post-frame design resources available to architects and engineers

<https://attendee.gotowebinar.com/register/1989452369788312405>

December

Wednesday, 13th – Diaphragm Design of Post Frame Using Sway & Shear Modifiers – Engineering

Presented by: Dr. Joe Zulovich

Learning Objectives:

- Determine required sidewall post sizes in PF systems using Sway and Shear Modifiers (mD and mS) (Principles + Example)
- Identify how diaphragm design reduces the structural loads carried by sidewall posts in PF systems
- Identify and access the PF design resources available to architects and engineers

<https://attendee.gotowebinar.com/register/178022356190176342>