



AIA Bronx Chapter

Volume 10, 2017

November 2017

Publication Committee

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Published by the Bronx Chapter AIA Publications Committee to highlight activities and information of interest to the Practicing Architect.

Newsletter

Contents

I Current Activities:

Chapter Meeting November 16, 2017.

II Related Articles and Education Opportunities

- Green Build University - Retrofitting Single Family Home - CEU
- Hanley Wood University - Designing Architectural Wall Panels - CEU
- Architect Forum - New AIA Programs - CEU
- Hanley Wood University - Moisture Control - CEU
- Hanley Wood University - Designing Better Specs - CEU

III National AIA – NYSAIA – Bronx Chapter

- National AIA Convention, New York City
June 21-22, 2017
Jacob Javits Convention Center
New York, New York
Link: <http://conferenceonarchitecture.com/>
- Bronx AIA Chapter Welcomes New Member:
Abhishek Akula – Associate – AIA

IV Next Chapter meeting is on December 21, 2017 at 6:00pm.

November 16, 2017

Meeting Minutes

Meeting began at 12:15pm

Attendees

Bill Caplan
Bob Esnard
Antonio Freda
Sara Jazayeri
Ken Koons, Jr.
Giuliano Penna
Richard Stein
Martin Zelnik

Guests

Terry Wood
Matthew Gharabaghi

The Minutes of the October 19, 2017 meeting was reviewed. Motion for approval was made by Ken Koons Jr., and seconded by Martin Zelnik and unanimously accepted.

Agenda / Discussion:

1. Nominating Committee Report

The Nominating Committee proposed the 2018 Chapter Officers

- Antonio Freda President
- Giuliano Penna Vice President
- Robert Esnard Secretary
- Ken Koons Jr Treasurer
- Ken Koons Sr Director
- Jorge Lee Director
- Sara Jazayeri Director

The Nominating Committee slate was discussed. The only modification to the slate was an additional nomination by Giuliano Penna to add Martin Zelnik as a Director. After a short discussion, the slate, as presented by the Nominating Committee with Martin Zelnik as an additional Director was unanimously approved.

2. Member Volunteer Participation:

At the October meeting three members volunteered to assist Chapter operations. Ofe Clarke and Martin Zelnik, volunteered to be part of the Design Awards Committee and Bill Caplan agreed to take over the Chapter Website. The Chapter sent an email to David Flecha, Associate AIA of the Brooklyn Chapter indicating that Ofe Clarke and Martin Zelnik would represent the Bronx Chapter, in the Outer Borough Design Awards

Program, which includes Brooklyn, Queens, Staten Island and the Bronx Chapters. David Flecha responded that as the Award process evolves, our representatives would be contacted and involved. Bill Caplan, hopes that by our December meeting he will be in control of the website and that updates, links and additional information would be more frequent on the website, for chapter members and the public to access.

3. The November 4th CEU Tour - Grand Concourse - Art Deco Movement.
The Bronx County Historical Society and the AIA Bronx Chapter coordinated a Tour for 2 CEU LS/HSW Credits. The Tour was led by a presenter from the Historical Society, Historian Vivian Davis, and Bronx Chapter Member Robert Markisz. It was a beautiful day for the Tour and the four people who participated seemed to enjoy the walk and information presented. After a short discussion, Chapter Members indicated that the Chapter should, with the Historical Society continue the Tours. Several alternative Tour possibilities were suggested i.e., Fieldston area in Riverdale, The Bronx Community College and Fordham University Campuses, as well as, the Triboro Bridge Complex, as potential subjects for future Tours. Richard Stein and Sara Jazayeri volunteered to assist in leading Tours in the Spring.
4. Robert Esnard recommended and the Chapter approved honorary status for two non-architects, for their assistance to the Chapter, in its' recertification efforts over last spring and summer. Attorney, Jonathan Lefkowitz, organized and updated the non-profit status and IRS filings for the Chapter. The Chapter has always had not-for-profit status and legally did not have to file tax returns, due to its' modest income. Unfortunately, the AIA National Accreditation Committee wanted all Chapters in the country to file, even if filing is not legally required. The second honorary award was to Roger Esnard, who is a IT Specialist for Macy's and he was "drafted" to develop the Chapter's website. The website is also one of the basic requirements of AIA National. This website is to encourage participation by the public at large, as well as, to increase communication with Chapter members and other components of the AIA. After a short discussion, Giuliano Penna, moved and Ken Koons, Jr, seconded a Motion to grant both gentlemen Honorary status. The President will send a letter formally thanking them and congratulating Jonathan Lefkowitz and Roger Esnard, on their Honorary AIA designation.
5. The Pello Window Presentation for 1-CEU Credit.
Tony Wood, an Architectural Representative of Pella Window & Doors lead the presentation with Matthew Gharabaghi, a Commercial Sales Representative, who assisted and supplemented the presentation. The Seminar title was the "Window Solutions a for a Historic Building". The presentation included slides of historic buildings and bring three, "scaled down", actual windows to see and touch. The goal of a Pella window is to provide economical and energy efficient windows, that would not only look, but operate, as well as, or better than the original windows being replaced.

Several specific successful historic building renovations were reviewed including buildings at Notre Dame University, a Chicago office building and a West Coast industrial

building. In each case the specific window rehabilitation plans were discussed with the proposed recommendations for preservation, maintenance, repair and replacement. Designs were also reviewed on how to replace missing historic features, as well as, to save energy in retrofit alterations/additions.

An important part of the discussion was demonstrating and evaluating window replacement options in various commercial, institutional and residential buildings. The requirements that governmental entities; local, state or national, many times govern the type and how efficient replacing windows can be. The importance of the National Park Service guidelines, as well as, New York State Historic Preservation (SHPO) procedures were outlined for Historic Window rehabilitation situations. The underlining idea is, to always improve the window in terms of efficiency and operations, while at the same time being true to the historic esthetic requirements. The Pella Corporation indicated their willingness and ability to work with architects and builders to try to solve problems either through drawings or mark-ups, when necessary to satisfy project and economic needs.

Membership appreciated the time that Terry and Matthew gave to the Chapter, as they were knowledgeable and responsive to questions.

The meeting was adjourned at 2:30pm

Next Meeting – The next meeting will be a dinner meeting at 6:00pm at Artie’s Restaurant on Thursday, December 21, 2017.



Free, Online CEU Courses

Featured Course:

Retrofitting a Single Family Home Targeting Net Zero Water

Whirlpool Corporation and the Kohler Company retrofitted a home for net zero water performance, with the goal to use only the water that was available onsite. They will discuss the project, the equipment used in the home, the challenges and results of the water retrofit.

CREDITS:

AIA: 1 LU/HSW, GBCI: 1 CE Hour

REGISTER

More Greenbuild Courses		
<p><u>Post-Occupancy Evaluation to Demonstrate LEED Energy Savings</u></p>	<p><u>Infrastructure, Resilience, and Public Space</u></p>	<p><u>Green Neighborhoods as Catalysts for Workforce Development</u></p>
<p>CREDITS: AIA: 1 LU/HSW, GBCI: 1 CE Hour, LEED: 1 AP BD+C, LEED: 1 GREEN</p>	<p>CREDITS: AIA: 1 LU/HSW, GBCI: 1 CE Hour</p>	<p>CREDITS: AIA: 1 LU/HSW, GBCI: 1 CE Hour</p>
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FEATURED ONLINE COURSES

DragonBoard USA: Combat Mold, Improve Indoor Air Quality and Specify MgO Products

NEW: 11-22-2016 | Course No: DB0602-W | Narration: No | Provides an overview of Indoor Air Quality, along with a discussion on IAQ health issues associated with Mold and Fungus. The program looks at the causes of Mold and Fungus in today's structures and examines how specifying MgO products is a great alternative solution to dealing with Mold and Fungus.

Access Course **DB0602-W**: 1 Learning Unit/Hour/ HSW

[Start Course Now](#)

Arkema Inc.: Resin-Based Coatings for Metal v2

NEW: 11-12-2017 | Course No: AK0907-W | Narration: Yes | There are many kinds of resin-based coatings for metal, and two primary application techniques. In this course each of these coatings and application techniques are described and illustrated, along with important information on why these coatings fail and how the performance of these coatings is measured. The primary goal of this course is to provide architects and others who work with resin-based coatings for metal with the information they need to ensure that the coated product will perform as expected and provide a durable and long-lasting finish.

Access Course **AK0907-W**: 1 Learning Unit/Hour/ HSW

[Start Course Now](#)

Arkema Inc.: Water-based PVDF Coatings for Sustainable Design v2

Updated 11-13-2017 | Course No: AK0908-W | Narration: Yes | This course provides an overview of the basics of water-based PVDF coatings and how they help attain sustainability goals. The course begins with a brief description of the components of a weatherable coating, and describes the function of each. Because of its critical role in the weatherability and sustainability properties of water-based PVDF coatings, the chemistry of the carbon-fluoride bond is also described. The unique properties of this technology improve the water penetration into the building envelope improving the safety and welfare of the building and its end users.

Access Course **AK0908-W**: 1 Learning Unit/Hour/ HSW

[Start Course Now](#)

Tymetal Corp.: BOLLARD BASICS: New ASTM F3016 Standard is a Design Liability Game Changer! v2

This program will cover why the new ASTM F3016 Standard was developed and what the Bollard design specifier now needs to know to protect their company and customers from low speed vehicle impact liability. Provided is a thorough explanation and overview of how Bollards and other Vehicle Impact Protective Devices are tested under the new national low speed ASTM F3016 Standard and why traditional concrete filled Bollards fail this test method.

Access Course TY0809-W: 1 Learning Unit/Hour/HSW

[Start Course Now](#)

Innova Eco Building System: Designing with MgO Structural Insulated Panels

In this course, the design professional will discover how High-performance MgO Insulated Structural panels are a part of an energy-efficiency design strategy that can improve energy efficiency and performance with small to medium size projects. Designers will also learn about the unique properties of SIPs such as high fire ratings, greater R-Values and superior structural integrity that make the system out perform traditional building methods. In learning these things designers will take away the knowledge that not only are SIPs a strong, environmentally friendly building material, but also a cost effective way to build.

Access Course IEBS0701-W: 1 Learning Unit/Hour/HSW

[Start Course Now](#)

Clarion Bathware: ADA Barrier-Free Bathware for Assisted Living III

NEW: ADA California Compliant | At the conclusion of this program the designer will have gained knowledge and understanding over the following: The different Codes and Regulations that govern compliance. ADA requirements for shower stalls. Available ADA compliant shower stalls. Understanding the proper applications for different ADA complaint showers. Proper installation of a barrier free shower.

Access Course CB2203-W: 1 Learning Unit/Hour/ HSW

[Start Course Now](#)

Clarion Bathware: ADA Barrier-Free Bathware for Assisted Living III

NEW: ADA California Compliant | At the conclusion of this program the designer will have gained knowledge and understanding over the following: The different Codes and Regulations that govern compliance. ADA requirements for shower stalls. Available ADA compliant shower stalls. Understanding the proper applications for different ADA complaint showers. Proper installation of a barrier free shower.

Access Course CB2203-W: 1 Learning Unit/Hour/ HSW

[Start Course Now](#)

Aldora Aluminum and Glass Products Inc.: Pre-glazed Impact Storefront Delivery System

Course No: AAG0801-W | Narration: No | Videos: Yes | Storefront fabrication and delivery is done in two primary ways; stick built transported on glazier work trucks or pre-glazed fabrication followed by jobsite delivery direct from the factory. A majority of framing systems used in the stick built process are flush-glazed, center set weep systems. These systems don't require any sophisticated equipment. Pre-glazed systems are typically wet seal, non-weep designs. This course is focused on the fabrication, assembly, delivery of hurricane-resistant (impact) storefront and entrance doors. Impact products require additional attention to manufacturing standards due to the safety of structures and occupants within.

Access Course AAG0801-W: 1 Learning Unit/Hour/HSW

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HWU Update

Free, Online Courses for Professionals





[Designing Architectural Wall Panels as Rainscreens](#)

Moisture intrusion in a wall system can cause building defects, as well as health ailments for building occupants, making rainscreens a very important tool in water mitigation. This course will

review causes of moisture intrusion, specifically forces that drive rainwater into a building.

 **Print Course**

 **AIA: 1 LU/HSW**

 **Free**

Enroll





[Mid-Rise Wood Construction: A Cost-Effective and Sustainable Choice](#)

Cost-effective, code-compliant and sustainable, mid-rise wood construction

is gaining the attention of design professionals nationwide, who see it as a way to achieve higher density housing at lower cost—while reducing the carbon footprint of their projects.

 **Print Course**

 **AIA: 1 LU/HSW, GBCI: 1 CE Hour**

 **Free**

Enroll




[Multifamily Housing Design Using Extruded Aluminum Trim Systems](#)

This course will cover multifamily design trends, ways to create a modern aesthetic with aluminum trims, available aluminum trim options, and three case

studies related to multifamily construction with extruded aluminum trim systems.

 **Print Course**

 **AIA: 1 LU/HSW**

 **Free**

Enroll




Understanding Hazard, Exposure, and Risk in the Built Environment

This course begins with understanding the differences between hazard, exposure and risk or danger – the importance of considering product use and exposure and the limitations of using a hazard-only decision making process when selecting building materials.

▶ **Print Course**

 **AIA: 1 LU/HSW**

 **Free**

Enroll

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FEATURED ONLINE COURSES

mr.steam® is the sponsor for the following course. The course is complimentary to all designers.

Hi-Tech Steam Bathing in Today's Shower

NFW 2017 | Provide an overview of how today's showers include Hi-Tech

Steam Bathing. The course will teach how steam improves the wellness of life, while providing an understanding of how steam shower systems are properly designed, installed, and how they work.

Access Course MS1005-W: 1 Learning Unit/Hour/ HSW

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NEW 2017 | Course No: AK0907-W | Narration: Yes | There are many kinds of resin-based coatings for metal, and two primary application techniques. In this course each of these coatings and application techniques are described and illustrated, along with important information on why these coatings fail and how the performance of these coatings is measured. The primary goal of this course is to provide architects and others who work with resin-based coatings for metal with the information they need to ensure that the coated product will perform as expected and provide a durable and long-lasting finish.

Access Course AK0907-W: 1 Learning Unit/Hour/ HSW

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Access Course AK0908-W: 1 Learning Unit/Hour/ HSW

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INSTRUCTIONS

Please make sure cookies and javascript are enabled in your browser before you start the exam.

STEP 1 DOWNLOAD PDF

Download the PDF for the selected course and read.

STEP 2 TAKING THE TEST

On the last slide click on the Test Button. (*You must log in before taking the test.*)

On the landing Login Page after clicking on the test button, login with your existing user-name and password or create a new account.

After logging in, **if you have not subscribed to the course then scroll down and press on the "Subscribe and Go to Course"/"Start Lessons" button then on the following page scroll down until you see the "Start test" Button** to access the course exam.

ANSWER TEST QUESTIONS

When taking the exam make a selection and click on the link above the question labeled "Next". You will repeat the process for every question until you get to the last question. Then click on "Finish" to get your results. (Note: You will not be able to return to a previous question once you click "Next".)

Each test question will give you multiple chances to answer.)

AIA CERTIFICATE OF COMPLETION

Once the test is successfully completed with an 80% or higher you can print your certificate of completion. You can access that at any time from your A-F transcript.

Accessing the transcript from the course is simple just click on the transcript button located on the last slide after the test results.

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Featured Course:



Moisture Control and More with Spray Foam Insulation

In the design of building enclosures, an emerging alternative is the use of spray foam insulation as exterior continuous insulation, featuring the ability to resist heat, water, vapor and air movement.

Cost: Free

Credits: NARI 1 Hour, AIA 1 LU/HSW

Additional Courses:

Architectural Veneers and Cast Stone with an Integral Finish

Cost: Free

Credits: AIA 1 LU

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Hideaway Privacy with Operable Walls

Cost: Free

Credits: AIA 1 LU

REGISTER

Complete Wall Systems: Maintaining Continuous Insulation and WRBs at Transitions

Cost: Free

Credits: AIA 1 LU/HSW

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