



AIA Bronx Chapter

Volume 1, 2019

January 2019

Publication Committee

fredadesign@hotmail.com

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

Newsletter

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 - Grassroots
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 - Washington, DC
 - Link: <http://www.aia.org/events/6088228-grassroots-2019>
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 - Link: <http://www.aianyc.org>

 - IV Next Chapter Meeting is on February 21, 2019 at 6:00pm.
-



January 17, 2019

Meeting Minutes

Meeting began at 12:20pm

Attendees

William B. Davis, Jr.
Bob Esnard
Antonio Freda
Sara Jazayeri
Ken Koons, Sr.
Ken Koons, Jr.
Carlo Nuzzi
Julian Misiurski
Giuliano Penna

Guests

Steven Ihlenburg – Architectural consultant
Super enterprises - USA, Inc.
Distributor of Marvin Windows

Agenda / Discussion:

1. The Marvin Windows representative, Steven Ihlenburg discussed his relationship as a consultant with the manufacturer, Marvin Windows. He assists architects and construction professionals to efficiently and economically install Marvin Window products. However, for his seminar presentation he reviewed and concentrated on the development of windows in contemporary/modern design from their evolution. Starting in Europe in the 1900's, the modern approach began with Mackintosh Buildings in Scotland, later at the Bauhaus House School in Germany, and ultimately in the United States before and after the second world war. Windows in buildings became "ribbons" along exterior walls and physically much larger. Windows in buildings minimized building supports and structures, maximizing light, air and openness as much as possible, window frames became narrower. "Styles" of windows evolved from double hung to; fixed, sliding, casement and awning types utilized in the "industrial look". In order, to achieve this new look glass is as large as possible and frames as small as possible. New industrial materials were used. Steven outlined the way new windows conserve energy and utilizing the larger glass openings, while including the use of steel,

aluminum and fiber glass in unique applications. Today windows are designed to reduce the loss of energy, create sound barriers and include building structural elements. The types and variety of windows and how they are used in terms of weatherability and finishes were reviewed. Aluminum is a very flexible and popular material, although it is not good for energy conservation, as it costs a lot to produce and the manufacturing uses significant natural resources and energy. In addition, when installed and finished, it transmits heat, so other materials have to be combined in the detailing to have windows energy efficient. However, once fabricated, aluminum can easily be recycled. Fiberglass, another very flexible modern material, has problems of strength and may need to be reinforced and are affected by UV rays. Steven brought several material and window samples and utilized pictures in his visual presentation. He underscored and illustrated window characteristics, manufacturing and site-specific situations.

He volunteered to assist any of the Chapter members with their construction projects and if requested, offered to work, on window selection, specifications and construction. Steven Ihlenburg's contact information is: Cell (516) 506-1239, O (631)-777-3544 email: sihlenburg@supermarvin.com.

2. The Minutes of the December 13, 2018 were circulated and reviewed. William Davis made a motion for approval which was seconded by Ken Koons Sr. and unanimously accepted.

3. Meeting Dates

The meeting dates through the summer break was reviewed. It was again discussed, that starting in the fall, the chapter will reverse the evening meetings with the luncheon meetings, so that the December and January meeting, will not conflict with the business needs of our meeting venue. The Chapter's goal is to always, with our alternate scheduling, to maximize participation of members. The scheduling for the next months are as follows:

February 21, 2019	-	6:00pm
March 21, 2019	-	12:00pm
April 18, 2019	-	6:00pm
May 16, 2019	-	12:00pm
June 20, 2019	-	6:00pm

4. Chapter AIA Accreditation

The Chapter submitted in the first week of January and on time, the required paperwork for accreditation. We received acknowledgment from National AIA that our application was accepted as complete. National AIA's schedule for reviewing the Chapter submissions, will take place in March. Chapters will be notified if there are issues on or before May. Members discussed how important Valerie Brown, of the Westchester AIA Chapter, was in preparing the answers to the many questions. She technically produced the forms required and submitted the package to the "AIA Cloud" without a hitch. The Chapter unanimously voted to thank her and express our appreciation, not only for her professional assistance, but for her good will, excellence and very much appreciated guidance! The Chapter President Tony Freda will communicate with her to personally thank her on the Chapter's behalf.

5. Budget

Ken Koons Jr., Treasurer, prepared a 2019 Budget as well as a records of the Chapter's quarterly reports and their submission to the Chapter Audit Committee consisting of; Ken Koons Sr., Tony Freda and Bob Esnard. The committee reviewed the reports as required and consistent with the Chapter's charter. Members discussed the 2019 Budget and were pleased that the Chapter has always operated with a surplus and will make every effort to maintain it. Ken Koons Sr. made a motion to adopt the 2019 Budget. This was seconded by Sara Jazayeri and unanimously approved.

6. Continuing Education

As discussed previously, the Chapter must provide and originate four CEU learning units of Continuing Education each year. The Chapter approved two separate Tours for two units each. One with the Bronx County Historical Society, to offer a spring Tour of the Triboro Bridge complex. Julian Misurski volunteered to be the registered architect for the Tour and Bob Esnard will prepare the course description and learning objectives. The second Tour is tentatively scheduled for the summer/fall in Riverdale concerning the designated "Natural Area". The plan is to have the Tours on Saturday mornings between 10:00am and 12:00pm.

7. New Business

Architectural Counsel

The Chapter is a member of the Architects Counsel, a group of New York City AIA Chapters and other professional construction industry organizations, that monitor and comment on the policies/activities of the government construction regulators of New York City, i.e., DOB, DOT, DEP, etc. In the past few years, our Chapter has not consistently attended meetings and we need members to participate and report back to the Chapter. It would be ideal to have two to three members designated, as there is no limit on how many Chapter people can participate. It was hoped that members who are interested will indicate their interest at or before the February meeting.

Grassroots 2019

One of the problems for small Chapters like the Bronx, is that we have not recently participated in the AIA Grassroots meetings. Grassroots meetings, along with the annual AIA Convention, are the most important gathering of architects; where policy, feedback, and the activities of the institute are debated, proposed and implemented. National wants people to attend these and it is hoped that the Bronx can have a presence at both these meetings in 2019. This year's Grassroots will take place March 5th – 8th, 2019, at National AIA headquarters in Washington D.C. and our goal is to have two/three people attend. Tony Freda expressed interest and Bill Davis was going to see if he could attend. It is a three-day event. However, attendance at every meeting or day, is not critical but the most important day for attendance is Thursday March 7th. Tony Freda the President said he was going and would like some company! Members who are interested should indicate their interest at the February meeting.

The meeting was adjourned at 2:18pm.

Next Meeting – The next meeting will be a dinner meeting at 6:00pm at Artie’s Restaurant on February 21, 2019.

II



The Urban Skyscraper as a Resilient Refuge

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

[Register](#)



Social Equity Gets Real

 LEED: 1 GREEN, AIA: 1 LU/HSW, LEED: 1 AP O+M, LEED: 1 AP ND, LEED: 1 AP BD+C

[Register](#)



Healthy and Happy: Design Measures for Valuing Human Capital

 AIA: 2 LU/HSW, GBCI: 2 CE
Hour

[Register](#)



Simpler, Faster Product Selection for LEED v4

 AIA: 2 LU/HSW GBCI: 2 CE
Hour

[Register](#)



h w *Featured Courses*



Quartz Surfacing Basics

 IDCEC: .1 CEU, AIA: 1 LU

[Register](#)



Modern Hospital Helipads: Superior, Safe, and Sustainable

 AIA: 1 LU

[Register](#)



Polished Concrete Overlays Provide Durability and Beauty

 AIA: 1 LU

[Register](#)



The Role of Propane Technologies in Remodeling Applications

 NAHB: 1 Hour, NARI: 1 Hour, AIA: 1 LU

[Register](#)



Learning Objectives

- Appreciate the importance and value a project's visual first impression has on a customer's decision making process
- Understand the history of polyurethane and its manufacturing process
- Comprehend the benefits of polyurethane millwork as a single product vs. the multi-step build-up of wood or other synthetic material
- List the commonly used polyurethane millwork products and their applications

Continuing Education

Earn 1 AIA LU

[Register](#)

hanleywood



Advantages and Benefits of Horizontal Insulated Metal Panels

Cost: Free

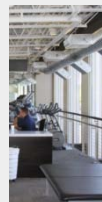
Credits: AIA 1 LU



Cable Railings: Prefabricated Kits and Custom Design Options

Cost: Free
Credits: AIA 1 LU

[REGISTER](#)



Air Distribution: Commercial Design and Architecture

Cost: Free
Credits: AIA 1 LU/HSW

[REGISTER](#)



An Introduction to Electrochromic Glass: What It is and How It Works

REGISTER

Cost: Free
Credits: AIA 1 LU

REGISTER

AIA ONLINE CONTINUING EDUCATION

Health Safety & Welfare Credits Available

MTI MASONRY TECHNOLOGY INC. Education Resources

Masonry Technology, Inc. is a Registered Provider with The American Institute of Architects Continuing Education System.

MTI is the sponsor and provider for the following courses. They are complimentary to all designers. Credits upon successful completion will be reported on behalf of all AIA members. Non members please print the certificate as proof of course completion.

Draining Your Wall, Not Your Wallet

<https://www.architect-forum.com/emails/MTI/2018/MTI-816-Course-Logo-Wide600.jpg> style="outline: none; text-decoration: none; display: block; clear: none; float: none; margin-left: auto; margin-right: auto; display: none; width: 600px; align: center;">

Understanding the Temperature & Moisture Relationship
#MTI 816 | 1 LU/HSW

New building code requirements focus on improving energy efficiency, but are we re-creating the EIFS of the early 90s? This course explores the relationship between temperature and moisture, and uses the principles to look at energy-efficient, healthy and sustainable buildings by including drainage in the building envelope.

REGISTER

Rainscreen 101 Revisited!

<https://www.architect-forum.com/emails/MTI/2018/Rainscreen-101-Revisited-logo600.jpg> style="outline: none; text-decoration: none; display: block; clear: none; float: none; margin-left: auto; margin-right: auto; display: none; margin: 0 auto; width: 600px;" align="center" width="600">

Moisture Management Techniques for Healthier Structures
#MTI 712 | 1 LU/HSW

Moisture is the number one cause of building envelope failures. When used correctly, rainscreen moisture management systems greatly reduce that risk; however, one size doesn't fit all! From furring strips to building wraps to manufactured rainscreen drainage products, the potential rainscreen drainage choices are many, but certainly not equally effective. Learn the fundamentals of choosing the right rainscreen moisture management system for your next project and leave with resources that can simplify the process.

[REGISTER](#)

From the Ground Up!

<https://www.architect-forum.com/emails/MTI/2018/From-the-Ground-Up-Course-Logo600.jpg> style="outline: none; text-decoration: none; display: block; clear: none; float: none; margin-left: auto; margin-right: auto; display: none; margin: 0 auto; width: 600px;" align="center" width="600">

Sustainability Strategies for the Rainscreen Building Envelope
#MTI 609 | 1.25 LU/HSW

Moisture intrusion at all levels of the building envelope is a major sustainability and health issue. This course focuses on three areas of the building envelope that have unique moisture intrusion issues: the foundation/below-grade construction, window and door rough openings and parapet walls. The course not only looks at how moisture gets into these moisture-prone areas of the rainscreen building envelope, it also provides suggestions on how to remedy the problems with effective rainscreen moisture management systems.

[REGISTER](#)

Don't Get Soaked!

<https://www.architect-forum.com/emails/MTI/2018/Dont-Get-Soaked-Course-Logo-Wide600.jpg> style="display: none; text-decoration: none; display: block; clear: none; float: none; margin-left: auto; margin-right: auto; display: none; visibility: hidden; align="center" width="600">

Drainage Solutions for the Rainscreen Building Envelope
#MTI 131 | 1 LU/HSW

The health & sustainability costs of moisture in the rainscreen building envelope can be dire! The evidence is clear that moisture related building envelope failures, and their health related consequences, are so commonplace. This course examines some well-known failure incidents as well as health issues related to moisture intrusion; it examines moisture-prone areas of the rainscreen building envelope; and it presents specific suggestions on how to remedy the problems in those areas with effective rainscreen moisture management systems.

[REGISTER](#)

Weep Now or Weep Later!

<https://www.architect-forum.com/emails/MTI/2018/Weep-Now-or-Weep-Later-logo600.jpg> style="outline: none; text-decoration: none; display: block; clear: none; float: none; margin-left: auto; margin-right: auto; display: none; visibility: hidden; align="center" width="600">

The Importance of Getting Bottom of Wall Drainage Right!
#MTI 141 | 1 LU/HSW

Effective moisture management systems are critical to HSW, sustainable design and energy efficiency. Cavity walls of 1" or greater must provide adequate drainage at the bottom of the wall to allow moisture to exit efficiently from the building envelope.

This course looks at studies that support the need for adequate weep systems, states the criteria of those systems, and covers the risk zones where those systems are needed. This course is designed to help you meet the AIA's HSW requirements.

[REGISTER](#)

Moisture Management Solutions

MTI offers many free educational resources at MTIdry.com. Our Hyperspecs section features more than 15 drawings and animations illustrating best-practice solutions to building moisture problems.
Product Performance

Predictable drainage and drying is a key element to high performance building design. Learn more about how rainscreens work and partner with the experts at MTI today.