



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

Newsletter

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Chapter Meeting May 16, 2019

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HWU – NFPA 285: A focus on Assemblies - CEU
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III AIA Activities

- National AIA Convention, Las Vegas
June 6-8, 2019
Las Vegas Convention
Las Vegas, Nevada
Link: <http://www.conferenceonarchitecture.com>
- 2019 Tri-State Design Conference
Albany, New York
October 17-19, 2019
Link: <http://www.aianyc.org>
- Triborough Bridge Tour – 2 CEU Credits
Bronx, New York
June 29, 2019
10:00am – 12:00pm
Register with: besnard@dzco.com

V Next Chapter Meeting has been changed and is now Monday **June 24, 2019** at 6:00pm.



May 16, 2019

Meeting Minutes

Meeting began at 12:17pm

Attendees

William Davis, Jr.
Bob Esnard
Antonio Freda
Sara Jazayeri
Ken Koons, Jr.
Ken Koons, Sr.
Jerin Lisha
Robert Markisz
Frank Molinini

Guests

Brad Vrana - Clark Dietrich Building Systems

Agenda / Discussion:

1. Brad Vrana – of Clark Dietrich Building Systems, presented a seminar on the specifying traditional and equivalent “EQ” Steel Studs per ASTM C645. He utilized a projector and a power point presentation to review the ASTM requirements for metal studs and the materials that go into; manufacturing, testing and installing them. Unfortunately, in the industry there is a lot of misunderstandings about metal studs and their usability in the industry. Brad reviewed how:
 - Studs are manufactured for drywall and interior uses.
 - The appropriate gauge for various applications and how they can contribute to LEED credits.
 - How to specify fire-rated partitions.
 - The relationship of EQ studs and their thickness.

The ASTM PM C645 studs are created as all metal studs are, from cold frame steel. The steel is sent in circular barrels to a stamping “or processing plants”. The stamping process allows for penetrations of conduits and piping without “field” creating new holes, to deteriorate the stud strength. The final and very important step is the coating which modify/improve overall stud performance. In addition, Brad recommended a

quick short hand way to measure performance which is; “dull” studs do not perform as well as the “shiny” ones.

The gauge ratings historically used, are not as accurate at specifying the thickness in terms of “mills”. The code requirements for studs now all require mill measurements, as ASPM recommends, to measure strength. Unfortunately, the various manufacturers of metal products can vary the thickness of items while the gauge rating remains the same. Screw pullout ratings at 18 mill thickness or greater is now the code minimum, for fire-rated drywall steel stud installation. ASTM currently does not rate products by different gauges, only in mills.

In rating fire walls, the screw pullout strength, zinc-based coatings, are very important for achieving the different fire ratings. Many of the EQ coatings have better corrosion resistance in addition to increasing the fire-rated assembly rating. The ASTM standards also define the stud sheet requirements to include minimum; return lip, thickness and section properties.

At the conclusion of Brad Vrana’s presentation, he answered questions about codes and various wall assemblies and their characteristics. Going forward he volunteered to respond to any Chapter member who would like assistance in a project. He left some literature and his contact information which is;

Brad Vrana, CSI
ClarkDietrich
780 James P. Casey Road
Bristol, CT 06010
Office: 860-584-6840
Cell: 973-464-1981
Email: brad.vrana@clarkdietrich.com

2. The Minutes of the April 18, 2019 were circulated. An amendment to the minutes was made by Robert Esnard to include Ofé Clarke as a meeting attendee, as her name was inadvertently left off the published minutes, even though she not only attended but was a significant part of the meeting agenda. William Davis made a motion to approve the minutes as amended, which was seconded by Sara Jazayeri. The minutes were then unanimously accepted.
3. Meeting Dates:
The meeting dates will continue alternate luncheon and dinner meetings. The schedule for the next month unfortunately had to change, due to the unavailability of the meeting venue on the June 20th scheduled night. The June meeting is changed from the 3rd Thursday, to the next available day at the venue which is Monday, June 24th.

Therefore, the schedule for June and the fall are:

June 24, 2019 - 6:00pm
September 19, 2019 - 6:00pm
October 24, 2019 - 12:00pm
November 21, 2019 - 6:00pm
December 12, 2019 - 12:00pm

4. New York City Council Green Building Legislation:

A summary of the adopted City Council “Green New Deal” was distributed and discussed by membership. As the Mayor indicated that he would sign this legislation, it will shortly be approved and become Law. This Green Deal is meant to put NYC on the fore-front of reducing carbon emissions. The NYC elected officials want to come as close to the international Paris Climate Agreement emission levels as possible, which most of the worlds’ major western governments have approved. Unfortunately, the current U.S. President has pulled out of it and therefore, the U.S. is against the Agreement. This bill will require most large New York City buildings to reduce carbon emissions starting in 2024 and 40% by 2030. Then in subsequent years and by 2050 to reduce emissions by 80%. This legislation targets all NYC buildings over 25,000sq.ft. However, private homes, residential buildings of 4 stories or less, rent control housing, small businesses and hospitals are exempt. This legislation although very worthwhile and important, owners will have significant costs to implement these regulations.

5. National AIA Convention:

On June 6-8, 2019 in Las Vegas, the AIA will have its annual Convention. The Chapter will be represented by three, chapter members; Josette Matthew, Frank Molinari and Tony Freda. Valerie Brown the Executive Director of the Westchester American Institute of Architects, Westchester + Hudson Valley Chapter, who has assisted us in our AIA filings for accreditation, recommended and invites our members to join her Chapter, the New York State and other regional Chapter representatives in meetings. Valerie indicated that many of the issues that have affected our relationship with the construction/business industry country wide, as well as, with Federal officials; are developed, discussed and acted on, in these regional caucuses and committee meetings. It should be noted that any Chapter member who would still like to attend, are welcome to register online, right up to the day of the Convention start.

6. Department of Buildings:

- Although the Bronx Chapter and the outer borough chapters all supported Jeffrey Geary, AIA from the Staten Island Chapter, the City appointed Melanie La Rocca on May 6, 2019 as the new head of the DOB. She will take over the Commissioner’s role on June 3rd. Ms. La Rocca is currently the School Construction Authority Vice President of Development and External Affairs. She spent most of her working career in government and was the City’s Counsel

Chief of Staff for many years. The Bronx Chapter welcomes her and wishes her well.

- There were a series of legislative actions, one approved two years ago and several proposed this year that could have serious impacts on architects and their business activities. These new laws were reviewed and debated. Many Chapter members believe that these laws were an unfortunate and probably a political overreaction to issues citizens/people have with development or construction in their neighborhoods. These laws underscored the Chapter's need to be more active with the Architect's Counsel as well as individually with local elected officials. The Chapter will try to meet with a few councilmen individually to get to know them and have them understand the role of architects in NYC construction as well as to meet us. The hope is to clarify the unfair impact on our industry and that most of these laws will not solve bad construction or dishonest activities in the building industry.

The laws were:

New legislation effecting Architects Local Law 158 of 2017: Beginning May 30, 2019, the Department of Buildings will restrict professionally certified filings on all buildings with a work without a permit civil penalty imposed on or after August 28, 2018 (the effective date of Local Law 158). These buildings will be flagged in the Buildings Information System (BIS) Property Profile as "LL158/17 Pro Cert Restriction." If there is an "until" date in the flag, applications for plan approval must be filed as standard plan examination, and this Local Law is copied as **Attachment 'A'** of the minutes.

Intro 977 and 1241 are current bills proposed by the City Council, although not approved or signed into law by the Mayor will sanction "Registered Design Professionals" who submit applications that contain errors and result in "Stop Work Orders". The law would require the DOB to maintain a data base of professionals who have been sanctioned. It is also proposed to expand penalties for the Professional Certification program against design professionals who are sanctioned. Membership must work against these ideas!

7. Continuing Education:

National AIA approved the Chapter's proposed Triborough Bridge Complex Tour. It is scheduled for Saturday, June 29th at 10:00am – 12:00pm for 2-CEU Credits. The Bronx Chapter teamed together with the Bronx County Historical Society for the Tour, which will start at 132nd Street and Willow Avenue in the South Bronx, which is at the pedestrian entrance to the Triborough Bridge Complex and Randall's Island Park. This neighborhood is an industrial area and on Saturday morning there is plenty of on-street

parking. The Tour will include walking underneath and around three main bridges making up the “Triborough Bridge” and visit the public facilities developed of the park for two hours.

8. New Business:

The National AIA Committee renewing Chapter AIA Certifications had one additional request for the Bronx Chapter to add to its’ submission for Certification. The request is to adopt a policy on “Member Financial Data Security”. The policy assures the AIA that, if any personal financial information is submitted or given to the Bronx Chapter, that the Chapter will conform to certain standards of confidentiality. AIA National sent a draft suggested policy, which the Bronx Chapter reviewed and discussed. Robert Markisz made a motion for adoption, which was seconded by William Davis and unanimously adopted. The adopted “Member Financial Data Security Policy” was sent to the AIA National and is copied as **Attachment ‘B’** of the minutes.

The meeting was adjourned at 2:13pm.

Next Meeting – The next meeting will be a dinner meeting at 6:00pm at Artie’s Restaurant, not on the scheduled Thursday date of June 20th, but a few days later, on **Monday night, June 24, 2019.**

Attachments:

- A. Local Law 158
- B. Adopted - Member Financial Security Policy.

Attachment A

April 2019

NYC

Buildings

SERVICE NOTICE

Local Law 158 of 2017: Restriction on Professionally Certified Filings

Beginning May 30, 2019, the Department of Buildings will restrict professionally certified filings on all buildings with a work without a permit civil penalty imposed on or after August 28, 2018 (the effective date of Local Law 158). These buildings will be flagged in the Buildings Information System (BIS) Property Profile as “LL158/17 Pro Cert Restriction.” If there is an “until” date in the flag, applications for plan approval must be filed as standard plan examination.

Exceptions

Per Local Law 158, applicants may submit professionally certified filings on these buildings if the work without a permit was on a part of the building that is not owned by the building owner, or the ownership has changed. Applicants who wish to professionally certify must meet with a DOB [Project Advocate](#) and present proof that an exception applies.

Submit a [PER11 form](#) to make an appointment with a Project

Advocate. **POST UNTIL: September 1, 2020**

DELETED



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AIA ONLINE CONTINUING EDUCATION

HSW and ADA credits available

Automated Vehicular Gate Systems: For System Design and Compliance to Safety Standards



Course No: AG3203-W | Narration: No | AutoGate, Inc.

Present a familiarization with an understanding of UL 325 and ASTM F2200 applicable to automated vehicular gate systems. This course will educate specifiers to safety standards in the interest of client safety and liability associated with automated vehicular gate systems.

LEARN MORE

Pedestrian and Facility Safety Guarding

<https://www.architect-forum.com/CCImSAIaceus-newsletters/IdealShield/removablelockingbollard-idealshield.jpg> style="outline: none; text-decoration: none; display: block; clear: none; float: none; margin-left: auto; margin-right: auto; display: none; mso-hide: none;" align="center" width="600">

Course No: IS0502-W | Narration: No | Videos: Yes | IdealShield

This course provides a comprehensive overview of the variety of guarding products available for use in and around buildings to ensure the safety of pedestrians, valuable machinery, and equipment. This program also reviews applications, installation, and common product finishes which will assist in making the right decisions for your clients.

LEARN MORE

Designing with MgO Structural Insulated Panels

<https://www.architect-forum.com/CCLmsAIaceus-newsletters/InnovaECO/harbourview-exterior-fr>
style="outline: none; text-decoration: none; display: block; clear: none; float: none; margin-left: auto; margin-right: auto; display: none; mso-hide: none;" align="center" width="600">

Course No: IEBS0701-W | Videos: No | Innova Eco Building System

In this course, the design professional will discover how High-performance MgO Insulated Structural panels are an energy-efficiency design strategy that can improve energy efficiency and performance with small to medium sized buildings. 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 outperform traditional building methods. In learning these things designers will gain the knowledge that not only are SIPs a strong, environmentally friendly building material, but also a cost effective way to build.

LEARN MORE

Combat Mold, Improve Indoor Air Quality and Specify MgO Products

<https://www.architect-forum.com/CCLmsAIaceus-newsletters/DragonBoardUSA/dragonboard.jpg>
style="outline: none; text-decoration: none; display: block; clear: none; float: none; margin-left: auto; margin-right: auto; display: none; mso-hide: none;" align="center" width="600">

Course No: DB0602-W | Narration: No | DragonBoard USA

Provides an overview of Indoor Air Quality, along with a discussion on IAQ health issues associated with Mold and program looks at the causes of Mold and Fungus in today's structures and examines how specifying MgO product alternative solution to dealing with Mold and Fungus.

LEARN MORE



IDCEC: .1 CEU, AIA: 1 LU | Elective

Designing for a Lifetime: How to Specify Timeless and Trendy Products

[Learn More >](#)



AIA: 1 LU | Elective

Understanding Low-E Coatings

[Learn More >](#)



IDCEC: .1 CEU, AIA: 1 LU | Elective

Emerging Trends in Commercial Flooring

[Learn More >](#)



AIA: 1 LU | Elective

Custom Doors: Fiberglass Performance, Real Wood Aesthetic

[Learn More >](#)



AIA: 1 LU | HSW

Aesthetically Designed, Durable Prefabricated Fireproof Columns

[Learn More >](#)



hanleywood
UNIVERSITY *Featured Courses*



NFPA 285: A Focus on Assemblies

 *AIA: 1 LU | HSW*

Register



Benefits of Daylight and Fresh Air in Residential Design

 *NARI: 1 Hour, AIA: 1 LU | HSW*

Register



Fundamentals of Concrete (Part 1) – Materials in Mix Design

 *AIA: 1 LU | HSW*

Register



Optimizing Acoustics in Commercial and Residential Buildings

 *AIA: 1 LU | HSW*

Register



Polymer Trim and Moulding: Building Codes and Safety Standards

 *AIA: 1 LU | Elective*

Register

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AIA ONLINE CONTINUING EDUCATION

HSW and ADA credits available

Resin-Based Coatings for Metal

https://www.architect-forum.com/CCLmsAIAceus-newsletters/Arkema/MGM_wideimage-KynarAquar500_774213352-Kynar500.jpg style="outline: none; text-decoration: none; display: block; clear: none; float: none; margin-left: auto; margin-right: auto; display: none; mso-hide: none;" align="center" width="600">

Course No: AK0907-W | Narration: Yes | Arkema Kynar500FSF

There are many kinds of resin-based coatings for metal, and two primary application techniques. In each of these coatings and application techniques are described and illustrated, along with information on why these coatings fail and how the performance of these coatings is measured. The primary course is to provide architects and others who work with resin-based coatings for metal with the information needed to ensure that the coated product will perform as expected and provide a durable and long-lasting finish.

LEARN MORE

Water-based PVDF Coatings for Sustainable Design

https://www.architect-forum.com/CCLmsAIAceus-newsletters/Arkema/stony-brook-university-article.Kynar500_774213352-Kynar500.jpg style="outline: none; text-decoration: none; display: block; clear: none; float: none; margin-left: auto; margin-right: auto; display: none; mso-hide: none;" align="center" width="552">

Course No: AK0908-W | Narration: Yes | Arkema KynarAquatec

This course provides an overview of the basics of water-based PVDF coatings and how they help achieve 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 of a building, 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 durability of the building and its end users.

[LEARN MORE](#)

Hi-Tech Steam Bathing in Today's Shower VII



Course No: MS1005-W | Narration: No | mr steam

Provide an overview of how today's showers include Hi-Tech Steam Bathing. The course will teach how steam shower systems are designed, installed, and how they work.

[LEARN MORE](#)

Combat Mold, Improve Indoor Air Quality and Specify

<https://www.architect-forum.com/CCLmsAIAceus-newsletters/DragonBoardUSA/dragonboard.jpg>
none; text-decoration: none; display: block; clear: none; float: none; margin-left: auto; margin-right: auto; display: none; align="center" width="600">

Course No: DB0602-W | Narration: Yes | DragonBoard USA

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 explains how specifying MgO products is a great alternative solution to dealing with Mold and Fungus.

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Using BIM Software to Understand and Accommodate the Millennial Market

IDCEC: .1 CEU HSW, AIA: 1 LU | Elective

Learn More



Using the AWI Quality Certification Program

AIA: 1 LU | Elective

[Learn More](#)



[Specifying the Right PTAC/PTHP System](#)

AIA: 1 LU | HSW

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[High-Performance Architectural Coatings for Metal Buildings and Components](#)

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[Modern and Contemporary Aesthetics Achieved with Extruded Aluminum Trim](#)

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THE END