



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

Newsletter

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April DeSimone
Ernest Essah
Josette Matthew

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IV National AIA – NYSAIA

- 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>

V Next Chapter Meeting is on March 21, 2019 at 12:00pm.



February 21, 2019

Meeting Minutes

Meeting began at 6:12pm

Attendees

Bill Caplan
 Ofé Clark
 William B. Davis, Jr.
 Bob Esnard
 Antonio Freda
 Josette Matthew
 Frank Molinini
 Julian Misiurski
 Carlo Nuzzi
 Giuliano Penna
 Martin Zelnik

Guests

Michel Aube – Ortal heat
 Carl Lana – Egne Ferro

Agenda / Discussion:

1. Carl Lana a Senior Sales representative of the Igne Ferro, USA, and Michel Abube, representing Ortal, USA conducted a seminar on the mechanics, construction and safety measures of Gas Fire Places installations in various building types. Michel presented the characteristics of how gas fired fireplaces are constructed, vented and designed. Carl Lana reviewed installation techniques and code issues. Michael also reviewed the safety considerations in installing; a fire place in wood frame single unit dwelling, as well as, the installation in semi fireproof and fireproof multiple dwellings. He used several short videos and many slides covering the “science” of how fire places operate. The gas fireplace is always enclosed in a glass enclosure so that the flame cannot be touched. The fire burns at different intensities, based the settings of remote controls that can decrease/increase the supply of gas on demand. The “fire box” and the flame in it, is visible with fresh air supplied to it through a double walled flue. This flue can be installed on a vertical surface like an exterior wall, or on a sloped/flat roof of a building. In each case, the fresh air is supplied to the fire box on the outside wall of the flue and is exhausted from the center of the flue. The fire box and flue are designed to be independent of any structure and has specific clearance requirements from 1” in fireproof construction, to 2”-3” in various non-fireproof installations. The fire box has limitations of 3” to 6”, also depending on the construction type. In 2016, the safety rules for the fire box, was modified requiring the glass enclosure to be two layers of glass, making it safer with the exterior glass layer never being too hot to touch.

There are three venting methods:

- The traditional venting system - of a flue directly above the fire box, allowing for natural convection,

- The power vented system - which included an inline fan, or a fan at the exterior ventilator, which will allow the air circulation in and the exhaust out to go below the fire box without a structure, or wall above the fire place, allowing for a completely free-standing fire place,
- The cool wall vent system provides another layer of air circulation in front of the flue, which dissipates the heat in front of the fire place, allowing the heat to be circulated throughout the room. This allows for an even distribution of fire place heat, without concentrating all the heat at or in front of the fire place.

The styles and design possibilities of fire place location were reviewed:

- Traditional or flush fireplaces installations with audio/visual equipment mounted above or alongside the fireplace.
- The potential of combining fire box units, to allow for (in almost unlimited lengths), long untraditional fire places, was demonstrated.
- Exterior and interior fire places, some glass on three sides, through wall fire boxes or all glass surrounding the fire box were shown.

Michel, throughout the presentation took questions, which in many instances were specifically answered by Carl Lana who demonstrated his hands-on experience and the code implications of installing fire places in the New York region. The construction process is; the fire place unit is purchased as a “complete system”, then is assembled onsite by specific contractors, trained by the manufacturer. Then the manufacturer reviews/observes the installation, assures that the product is assembled as designed. Then checks to see if it works efficiently/safely at the completion of construction.

Carl Lana would be the contact for assistance and advise for any projects that members are considering for selection and installation. His contact information is:

Tel: 212-754-4400

Cell: 917-715-9484

Email: carl.lana@igneferro.com

2. The Minutes of the January 17, 2019 were circulated and reviewed. William Davis made a motion for approval which was seconded by William Caplan and unanimously accepted.

3. Meeting Dates

The meeting dates will continue alternating from a luncheon meeting to dinner each month, to maximize member participation. The schedule until the summer break for the next few months are:

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

4. Chapter AIA Accreditation

Ofé Clark as the chapter representative, attended an AIA New York State, Albany meeting in January. She reported on the major topics discussed:

- AIA is and should be the voice of the profession;
- Architects can/should be leaders in any public discussion of physical development projects, as they are construction knowledgeable,

- Try to have every building count, to have an architect involved in developing and designing all construction.

The discussions in Albany were policy oriented. The goal is to have the State Association and the AIA represent architects in the best possible way, utilizing public announcements, the media and whenever the opportunity presents itself. Membership hopes that these general discussions can and will, turn into practical policies. This ultimately should improve the practice of architecture, as well as modify the public perception and understanding that architecture is always important. Ofé indicated that this was her first of four meetings per year. Future meetings are expected to be more interactive, as she and other Chapter representatives will have direct contact with elected officials, to hopefully influence legislation that affects development and the practice of architecture.

5. Design Awards

Ofé Clark was last year's Chapter Representative for the BQDA, the "2018 Brooklyn Queens Design Awards Program", which included three and previously the four outer boroughs, Brooklyn, Queens, Staten Island and the Bronx. There will not be an BQDA Awards Program in 2019. The National AIA modified its' requirement, and now allows chapter design programs to be up to individual chapters to develop. The program may be unique and should be developed in the way that would be the most appropriate for specific local Chapters. The Bronx Chapter is asking members to propose alternate ways, possibly through the Web or Facebook, to publish designs or members work. It is hoped that members will discuss and review how the Bronx Chapter should proceed to highlight and/or publish good design at March's meeting.

6. National AIA Participation

- The Chapter Accreditation review by National AIA is still ongoing. However, this year there have been fewer questions raised by the reviewers of the Bronx Chapters submission, than the last review three years ago. This year, questions were quickly responded to, with the help of our counsel, Jonathan Lefkowitz, Esq. and, consultant Valerie Brown, both whom assisted us in the submission. The reviews are scheduled to be completed sometime in May.
- Grassroots – the National AIA has two Grassroot meetings a year where AIA members discuss policies and how the AIA should operate, present itself publicly and how to assist architect professionals. This year they will be held the beginning of March and the Chapter is looking for volunteers to attend these meetings. If anyone is interested in attending they should contact the President Tony Freda or Secretary Bob Esnard.
- Convention – This year's convention will take place in Las Vegas on June 5-8, 2019 and it is hoped that we will have several members attend this Las Vegas event. Tony Freda, Frank Molinari and Joselyn Mathew all plan on attending. Last year, was the first time in many years, when the Bronx had more than one-member attend a convention. It is important that National AIA see that the Bronx AIA Chapter is active and participating.

7. Architects Counsel

The Bronx Chapter members have always been most concerned about New York City's regulatory issues which affect their everyday work. Unfortunately, members lobby and interact with government mostly on an individual basis. The Architects Counsel, consisting of architects from all AIA Chapters, as well as other construction representatives, pay significant attention and interact very effectively as a group; to comment on local zoning, construction and political activities that affect architects. Our Chapter needs to be better and more involved, to have more feedback on the one hand, and impact on the other. Recently, only Tony Freda has attended meetings. Frank Molinari who works in Manhattan,

volunteered to attend meetings and if time allows, become be a regular participant in the Architects Counsel, with Tony. Other Chapter members are invited, as the Chapter can have multiple participants.

8. Continuing Education

The requirement by National AIA to originate and provide four CEU Learning Units of Continuing Education each year will be satisfied by the Chapter this year, with two, two credit tours;

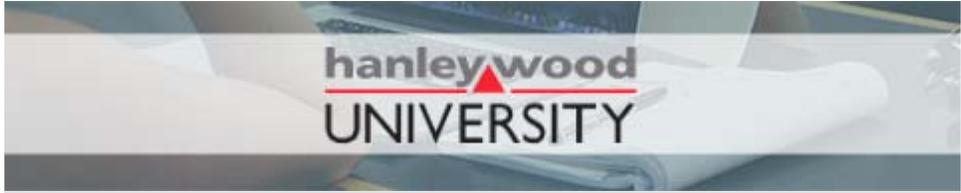
- One in the spring is tentatively scheduled on Saturday, June 28th from 10:00am to 12:00pm with the Bronx Historical Society, concerning the Triboro Bridge Tunnel Authority on Randall's Island, where the bridge connects the Bronx, Manhattan and Queens. Julian Misiurski will be the registered architect for the tour.
- The second tour is planned for the summer/fall concerning the "Natural Area" of Riverdale, with Martin Zelnik as the registered architect.

9. New Business

- It was noted that Joselyn Matthew transferred from the New York Chapter to the Bronx Chapter and was welcomed to her first meeting. Joselyn has been active in AIA Emerging Architects' activities and has helped develop events in the past, to assist/revise the public perception of architects.
- Ofé Clark represented the Chapter and Architects at the "2019 BCSM Career Day", at the Bronx Center for Science and Mathematics. This school is a South Bronx High School that requested a Chapter representative to discuss Architecture and describe what does an Architect do, as well as, how a student can study/train to become an Architect. The Students were attentive and interested in what Ofé had to say. She was well received, and the Chapter thanked her for her efforts on our behalf and for Bronx children.

The meeting was adjourned at 8:19pm.

Next Meeting – The next meeting will be a lunch meeting at 12:00pm at Artie's Restaurant on March 21, 2019.



The Connection Between Buildings and the Health of Occupants

AIA: 1 LU | Elective

Learn More



High Tech Wood Windows: Design Challenges and Solutions

AIA: 1 LU | Elective

Learn More



Discover New Technologies and Benefits of Decorative Glass

AIA: 1 LU | Elective

Learn More



High-Performance Architectural Coatings for Metal Buildings and Components

AIA: 1 LU | Elective

Learn More



Polished Concrete Overlays Provide Durability and Beauty

Cost: Free
Credits: AIA 1 LU | Elective

REGISTER



Detailing Continuity in Building Enclosure Systems

Cost: Free
Credits: AIA 1 LU | HSW

REGISTER



The Role of Propane Technologies in Remodeling Applications

Cost: Free
Credits: NAHB 1 Hour, NARI 1 Hour, AIA 1 LU | Elective

REGISTER



Mitigate Harmful Trends with Accurate Construction Cost Data

Cost: Free
Credits: AIA 1 LU | Elective

REGISTER



Cutting Carbon by Matching Owners + Pro Bono Professionals

h w U AIA: 1 LU | HSW, GBCI: 1 CE Hour

Register



Save the Planet ECONOMICALLY using Baseline Green Codes!

h w U LEED: 1 GREEN, AIA: 1 LU | HSW, GBCI: 1 CE Hour, LEED: 1 AP BD+C

Register



Resilient Design Charrette: Applying the LEED Pilot Credits



LEED: 1 GREEN, AIA: 2 LU |
HSW, GBCI: 2 CE Hour, LEED:
1 AP BD+C

Register



Myth-Busting Barriers Associated with Plug Load Controls



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

Register

PROJECTS THAT ROCK

MJ Dean Deploys Time-Saving Technologies to Deliver Las Vegas Megaresort

The city's first major new resort in 10 years rises from the ashes of an abandoned project.

[READ MORE](#)

TECHNOLOGY

New Tech or No Tech? A Concrete Comedy

Bringing a new technology into the concrete industry isn't like bringing an iPhone to the masses. [READ MORE](#)

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FOUNDATIONS

Cementitious Geotextile Keeps Excavations on Time and Within Budget

New product category can be used instead of riprap and shotcrete and to stabilize

foundation jobsites. [READ MORE](#)

NATIONAL READY MIXED CONCRETE ASSOCIATION

NRMCA Selects Michael Phillips As New President

Phillips' leadership becomes effective March 8, 2019. [READ MORE](#)

BUILDING FORWARD

Special Report: How the Building Industry Can Make Smart Tech Profitable

As we reach smart technology's tipping point, what can pros do to integrate these technologies into their projects more productively and with higher margins—and look smart in the end? [READ MORE](#)

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AWARD WINNERS

Winners of the 2019 PCI Design Awards

17 winning projects and six honorable mentions were recognized for excellence in design in transportation and building categories. [READ MORE](#)

AMERICAN CONCRETE INSTITUTE

ACI Honors Outstanding Contributions to the Industry

The 2019 honorees include the induction of Honorary Members, ACI's highest honor, which recognizes persons of eminence in the field of the Institute's interest, or one who has performed extraordinary meritorious service to the Institute. [READ MORE](#)

ASSOCIATED BUILDERS AND CONTRACTORS

Construction Input Price Declines Carry into 2019

Prices have declined for three consecutive months and in four of the previous six months.

[READ MORE](#)

RESEARCH

Free Download: BIM Project Execution Plan Guide

The publication provides an introduction for those new to BIM project concepts. [READ](#)

[MORE](#)

AMERICAN CONCRETE INSTITUTE

Webinar: Seismic Design of Precast Concrete Diaphragms

April 2, 2019, 1:00 p.m. to 2:00 p.m. EST.

[READ MORE](#)

[3DERS.ORG](#)

3D-Printed Geometric Flooring System That Uses Less Concrete

Swiss researchers collaborate to 3D-print funicular floors to reduce the usage of concrete in construction. [READ MORE](#)

FAST COMPANY

Reducing Concrete's Carbon Footprint

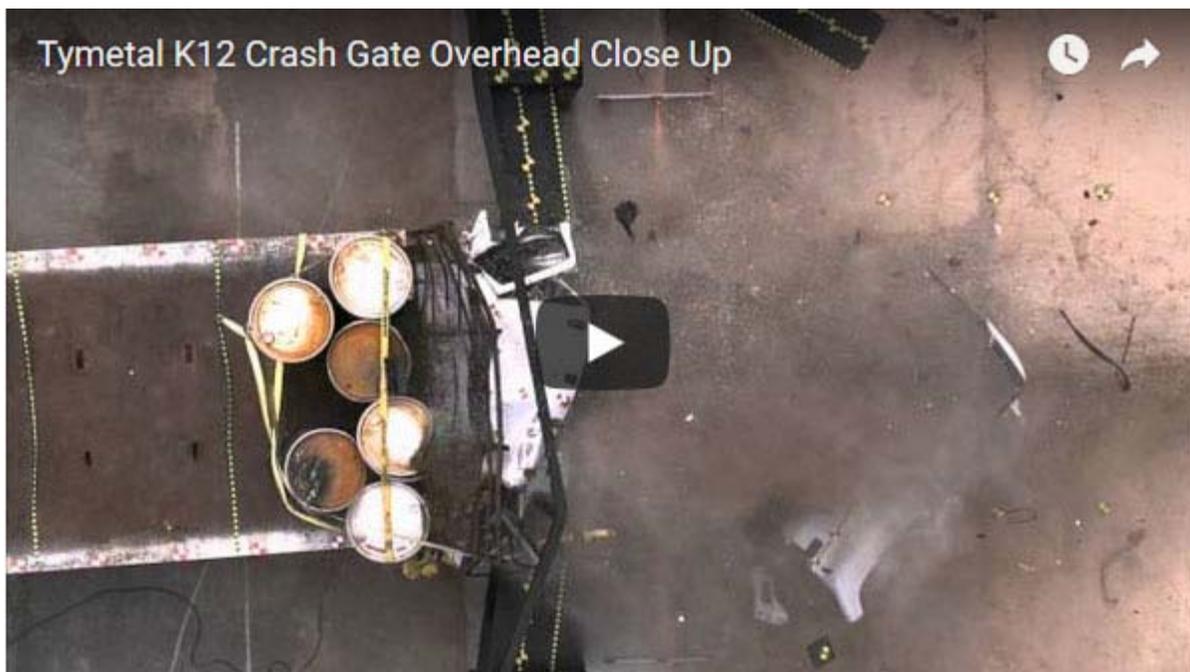
Central Concrete, a unit of U.S. Concrete, has adopted CarbonCure technology to address CO2 emissions. [READ MORE](#)

<https://www.architect-forum.com/eblast/AFlogo-whiteNL.png>" 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="200">

AIA ONLINE CONTINUING EDUCATION

HSW and ADA credits available

Understanding Crash Barriers and Hostile Vehicle Mitigation



Course No: TY0811-W | 1 hr HSW | Tymetal Corp

NEW: 05-04-2018 - This course contains information that will take a designer through the history of crash rated barriers in the US.

It will outline the different organizations and testing criteria involved in certifying a vehicle barrier as "crash rated". You will be introduced to several aspects of perimeter security and Hostile Vehicle Mitigation. This includes some of the design concepts and ideology to achieve the required security level. We will analyze the different types of barriers, both crash and non-crash rated, that may be used as part of threat deterrence. The course also offers some insight into the analysis of site-specific information that may help guide your decisions on what type of barriers to select. Finally we will look at the current climate of vehicle-borne attacks and the security measures being taken to thwart them.

LEARN MORE

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

<https://www.architect-forum.com/CCLmsAIaceus-newsletters/Tymetal/Tymetal-bollard3.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: TY0809-W | 1 hr HSW | Tymetal Corp.

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.

LEARN MORE

Vehicular Gate & Operator Systems: Easy To Learn Design Criteria For Compliance With The UL325 & ASTM2200 National Standards

<https://www.architect-forum.com/CCLmsAIaceus-newsletters/Tymetal/crash-barrier-Tymetal2.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: TY0808-W | 1 hr HSW | Tymetal Corp.

Provides an overview of the NEWLY REVISED 2016 UL325 National Standard. The course will guide design professionals on how to properly specify automated vehicular gates and also include important facts to know about UL325 and ASTM F 2200 Standards as they apply to automated gates. The design professional will learn in detail those standards and what to do to protect the firm and client liability.

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Accessibility, Safety & Platform Lifts and Elevators v2

<https://www.architect-forum.com/CCLmsAIAceus-newsletters/GaraventaLift/GaraventaLift-Upper-Canada.jpg>

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Course No: GL1402-W | 1 hr HSW/ADA | Garaventa Lift

We recognize the importance of elevators and lifts in today's design industry. Lifts and elevators can be an extraordinary feature added to a home or building that will enhance the life quality and safety of the end user. In this program the learner will learn about the requirements for platform lifts, the different types of lifts, and basic product design. Will also gain an understanding of code compliance issues, and how to solve accessibility problems, and solutions for evacuation for persons with disabilities.

LEARN MORE

ADA Compliance: Understanding ADA Guidelines for Detectable Warnings

<https://www.architect-forum.com/CCLmsAIAceus-newsletters/Tekway/Tekway-banner-Sidwalks.jpg>

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Course No: TW3206-W | 1 hr HSW/ADA | Tekway by StrongGo Industries

ADA California Compliant | This course is designed to provide a comprehensive overview of the current requirements, standards, and guidelines within the ADA, ADAAG, PROWAAC and more. These guidelines and regulations help ensure the safety and welfare of the visually impaired community. The second half of the presentation will describe the various types of Detectable Warning products available in the industry today including Nano-Engineered Polymer Concrete.

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Operable Glass Wall Systems in Green Design II

<https://www.architect-forum.com/CCLmsAIAceus-newsletters/NanaWallSystems/NanaWall1.jpg>

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Course No: NAN0802-W | 1 hr HSW | NanaWall Systems Inc.

Provides an overview of the characteristics of large opening glass walls and how they contribute to good indoor air quality. The program will also discuss valuable green building design in relation to large operable openings; such as daylighting, energy efficiency, and design.

LEARN MORE

ADA Barrier-Free Bathware for Assisted Living III

<https://www.architect-forum.com/CCLmsAIaceus-newsletters/ClarionBathware/Clarion-ADA-AssistedLiving.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: CB2203-W | 1 hr HSW/ADA | Clarion Bathware

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.

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Pre-glazed Impact Storefront Delivery System II

<https://www.architect-forum.com/CCLmsAIaceus-newsletters/AldoraAluminum-Glass/Aldora-burgerfi.jpg>
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Course No: AAG0802-W | 1 hr HSW | Aldora Aluminum and Glass Products Inc

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.

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THE END