



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

Newsletter

| Contents | Page |
|---|------|
| I Current Activities: | 2 |
| Chapter Meeting February 20, 2020 | |
| II Related Articles and Education Opportunities | |
| • HWU - Update – Recycled Rubber Flooring - CEU | 12 |
| • HWU - Update – Sealing the Envelope with Metal Panels – CEU | 13 |
| • HWU - Update – Flooring Solutions for Specialty Environments – CEU | 14 |
| • HWU - Update – Roof Deck System for Outdoors - CEU | 15 |
| • HWU – Materials Help Energy Innovation – CEU | 16 |
| III AIA Activities | |
| • AIA Convention 2020 | |
| May 14-16, 2020 | |
| Los Angeles, California | |
| Link: https://conferenceonarchitecture.com | |
| • Bronx Center Tour – 2 CEU | |
| May 9, 2020 – 10am to 12:00pm | |
| Meet: At the SW corner of Grand Concourse and East 161st Street | |
| Contact: Bob Esnard at besnard@dzco.com | |
| Tel: 212-977-4800 | |
| V Next Chapter Meeting is Thursday March 19, 2020 at 6:00pm. | |

I **Current Activities:**



February 20, 2020

Meeting Minutes

Meeting began at 12:15pm

Attendees

Sara Djazayeri
Robert Esnard
Antonio Freda
Ken Koons, Jr.
Robert Markisz
Giuliano Penna
Bryan Zelnik
Marty Zelnik

Guests

Jeremy E. Skow
A&D Market Manager, Armstrong Flooring

Agenda / Discussion:

1. Jeremy Skow – Architecture and Design (A&D) Marketing Manager, from Armstrong Flooring Company presented a seminar “Specifying Concrete Subfloors to Receive Resilient and Wood Flooring”. As members were ordering lunch, Jeremy informally circulated physical samples of many types of Armstrong flooring tiles illustrating issues he would be discussing “generically” in the seminar. His presentation was personal, as he gave each attending Chapter member a printed copy of the illustrations, normally shown in a slide show. The seminar highlighted:
 - The reasons why floors fail.
 - The importance of subfloor preparation.
 - Methods of moisture testing.
 - What are the options when moisture testing fails?

Moisture in concrete substrates is one of the major causes of failures and costing contractors extra millions of dollars each year. The problems develop as; construction is rushed or fast tracked, costs are cut during construction, and when contractors do not understand the “science” of what too much moisture or higher water/cement ratios mean, and their impact to

create issues. The significance of the concrete mix preparation, the importance of the water/cement ratio, hydration, curing time and testing were reviewed.

Slabs on grade are normally built; over a subgrade of soil, with a gravel sub-base, a vapor barrier, topped with a poured concrete slab. Once properly cured and finished, concrete has an adhesive applied to it to hold the final finished floor covering. He illustrated the problems of having inadequate or in the worst case, no vapor barrier which can cause, i.e. buckling, cracking, or possible ultimate deterioration of the final flooring material.

Jeremy reviewed the importance of slab preparation and the ASTM F710-11 Standard Practices that the industry recommends for architects and contractors to use. The complexity and need to assure that expansion joints and isolation joints are properly handled underscore how detailing becomes very important in assuring uniform and appropriate floor finishing. The specific techniques for determining concrete suitability for installation, was reviewed and the importance of using; Rh Hydrometer readings, calcium chloride testing, and moisture meters was outlined.

The presentation was concluded with a discussion of what to do when test results fail to meet standards and how important testing is to success. It can also be critical to contractors, once a flooring installation starts, they assume responsibility for all flooring problems. The project or contractor's choices without testing; are to simply refuse to install until testing is successfully completed, to fix problems themselves by solving the moisture chemistry issues by before starting, or possibly utilizing specific adhesives to install a finished floor to counter-act problems.

Jeremy reinforced the concept that the architect, owner and contractor are best served, if the appropriate specifications and standards are met. He recommended that any significant flooring job should have an independent third-party testing consultant, to assure that the concrete floor is ready and appropriate, to accept a finished flooring installation. His summary of recommendations for a successful floor installation are:

- Be sure the manufacturer and contractor understand the concrete installation process.
- Understand the difference between waterproofing and vapor emissions.
- If possible, always have a concrete independent testing process.
- Have a written guarantee covering the entire installation process.
- Always research the contractor's experience and performance before assigning the job.

The Chapter members enjoyed Jeremy Skow's unique "paper" presentation. He volunteered to assist members for follow-up questions/recommendations and will provide specific standards and procedures for any specific projects a member may have. Jeremy can be contact at:

Jeremy S. Skow
A&D Market Manager
Armstrong Flooring
2500 Columbia Avenue
P.O. Box 3025
Lancaster, PA 17604
Cell: 516-497-6875
email: jsskow@armstrongflooring.com

2. The Minutes of the January 23, 2020 were circulated. Marty Zelnik made a motion for approval and the motion was seconded by Bob Markisz. The January minutes were then unanimously accepted.

3. Meeting Dates:

The meeting dates will continue to alternate luncheon and dinner meetings. The schedule for the next meeting in March 19, 2020 and will be a dinner meeting. The schedule for the next few meetings are:

| | | |
|----------------|---|---------|
| April 20, 2020 | - | 12:00pm |
| May 28, 2020 | - | 6:00pm |
| June 18, 2020 | - | 12:00pm |

4. Chapter Committees:

- Education:

Sara Djazayeri reviewed the activities of the Education Outreach Program the Chapter developed. It will take place on March 11, 2020 at PS86 in the Kingsbridge Heights section of the Bronx. Sara had contacted Gary Axelbank, a cable TV talk show host who produces “Bronx Talk” on the web which features daily local borough activities. He will publicize and film the session at PS86 for broadcasting. The group of students will then travel to Beyer Blinder and Belle, a Manhattan architectural firm for a student workshop, where they will experience a theoretical project and “work” as an architect. Sara’s hope is to get publicity and have the Chapters efforts acknowledged, to promote design and construction within our borough, while simultaneously assisting school children in their educational development.

- Events Committee:

Josette Matthew could not attend the meeting today, as she represented the Chapter at the AIA Grass Roots Conference in New Orleans. Josette at a future meeting will give the Chapter an update on three activities that the Events Committee is planning.

Yankees Stadium Event

To again join forces with AIA Westchester Hudson Valley and host a second tour of Yankee Stadium, followed by attending a game. The date has not been finalized and will include one 1 CEU unit for attendee credit.

Baychester Site Visit

A tour is proposed, of a nursing home expansion in the Baychester area of the Bronx hosted by Willy Zambrano AIA, the project architect and a member of AIA Queens sister Chapter. The event date has not been selected and will also include 1 CEU unit for member credit.

Joint Networking Event

Josette Mathew is a member of the AIA State Committee for Emerging Professionals (EP) and is organizing a networking event for newer AIA members. The event date has not been scheduled.

- **Audit Committee:**

Bob Esnard indicated that the Chapter's Audit Committee, consisting of the Chapter President, Vice President and Secretary, all reviewed the Treasurer Ken Koons, Jr's. report of the last quarter of 2019 Bronx Chapter financials. The Audit Committee determined that the financials were consistent with the 2019 budget and most importantly, the Chapter continues to operate with a surplus.

5. AIA Nationals:

- **Strategic Plan 2016 – 2020**

The Chapter received a report summarizing an AIA nationwide effort to develop the organizations strategic priorities created by a task force of the AIA Strategic Council. The Council published a link below to view the complete report.

<https://www.aia.org/resources/14811-2016-2020-strategic-plan>

These summary pages were copied and handed out at the meeting which indicates the AIA's:

- **Mission** - To be the voice of the architectural profession and the resource for its members in service to society.
- **Vision** - To be a driving positive change through the power of design.
- **The Strategic Goals** - to elevate public awareness and the value of architects and architecture through society.

“The concept is for architects to advocate for the profession, by promoting architecture, designing a better world and to bring the transformative power of architecture to the built environment.”

6. Information Cloud:

The National AIA has requested that we develop a “Cloud” to store all Chapter information and documents in a secure and accessible way. Developing this Cloud will require several members of the Chapter to assist Cloud creation, and to have it be at a “level” of operation required by National AIA. Bill Caplan has preliminary looked at the issue and will need cooperation from membership to assist/coordinate its' implantation.

7. Continuing Education:

The Bronx Chapter's Spring Tour of the Bronx Civic Center in the West 161st area of the Bronx will be co-sponsored by the Bronx County Historical Society on Saturday May 9, 2020 at 10:00am to 12:00pm. Lloyd Ultan, the Bronx County Historian and Julian Misiurski of the Chapter will lead the Tour, exploring the Bronx Center of Government and reviewing public buildings built from the 1930's to the present day in the 161st area. This Tour will be the first of two that will meet the National AIA's requirement of the Chapter originating 4-CEU credits each calendar year. The second tour will be scheduled in early Fall.

8. Chapter Directory:

The Chapter Directory – E&M Consulting has proposed that our Chapter provide a Directory of Chapter members, highlight its' activities, as well as Bronx architecture. This has been discussed at several meetings prior and a directory was/is seen as an asset, especially if there with no cost to the Chapter. However, the Chapter would be taking on an obligation, providing information and coordinating materials in a, timely and "acceptable format" for publication. In addition, the Chapter would have to assist updating the material and other information, that E&M would require over the agreement's 3-year period. E&M Consulting has been following up regularly to see if the Chapter is interested. Unfortunately, again a conclusion was not reached by members. The consensus was, that we should discuss this further with E&M. Members were requested to volunteer to work on the directory and allow the Chapter to begin a dialogue to decide in the next month or two, to develop a directory or not!

9. New Business:

- The Chapter President Tony Freda received three emails from DOB informing our Chapter and architects specifically, about changes on the "filing" of projects at DOB relative to; Limited Authorization Applications (LAA), and Energy Conservation Notices and Bulletins. He reviewed them generally, as mandates created by the City Council and State Legislators. Unfortunately, these rules will be in effect for filing of certain applications next month, in May. The emails are attached and are:
 - A. Service Notice dated February 2020 –
Refund Requests for Superseded Limited Alteration Applications (LAA).
 - B. Service Notice dated February 2020 –
2020 NYC Energy Conservative Code in Effect May 12.
 - C. Buildings Bulletin 2020-002 –
Concerning the 2016 New York City Energy Conservation Code (NYCRCC) or the 2020 NYCECC to New Building (NB) and Alteration (ALT) applications.
- Sara Djazayeri suggested The Bronx Chapter start a group "blog" to increase traffic and interest to our AIA Bronx website. As busy professionals living in NYC with no extra time to do any extra work, we still must put ourselves "out" in the community. Creating a "blog" featured on page one of Google, and other search engines can be important!

The proposal is for all Chapter members to participate by submitting 1 article/year. This way, without too much member effort, we would have one or two posts in our blog per month. The Subject could be about; a solution to a problem, highlighting a public project, how to start a project, how to hire an architect. This blog is free marketing for our firms and can/will help us to create a better community image. The article can be, a human angle or about our organization. The blog also can be, where we find and share our voices, as architects of the Bronx as well as, to explore our audience's issues and concerns. An evolving collection of articles, keywords, and expertise that any reliable Search Engine Optimization (SEO) campaign demands, can be what will differentiate us from other AIA web sites. A reason to do this is the fact that we will have a 434% higher chance of being ranked highly on search engines, if we feature a blog as part of the website.

Sara hopes that members can join a Chapter effort and become AIA co-bloggers and proposes that, a Bronx AIA blog should be an agenda item for a future meeting to review the idea.

The meeting was adjourned at 2:07pm.

Next Meeting – The next meeting will be a dinner meeting at 6:00pm at Artie's Restaurant, on **March 19, 2020.**

Attachments:

- A Service Notice Dated February 2020 – Refund Requests for Superseded (LAA)S**

- B Service Notice dated February 2020 – 2020 NYC Energy Conservative Code**

- C Buildings Bulletin 2020-002 Operational – Concerning the 2016 (NYCRCC)**

Attachment A

Service Notice dated February 2020 – Refund Requests for Superseded Limited Alteration Applications (LAA)



February 2020

SERVICE NOTICE

Refund Requests for Superseded Limited Alteration Applications (LAA)

Effective immediately, there will be no refunds issued for Superseded (LAA) filings. If the initial licensed contractor (License Master Plumber, Fire Suppression Contractor or Oil Burner Equipment Installer) is replaced on a LAA and a new licensed contractor takes responsibility for the work being performed, the filing fees paid by the initial licensed professional will remain with the application and will not be refunded.

No refund requests will be accepted for LAA filings that have been superseded.

For questions regarding LAA applications and LAA refund requests contact the Limited Alteration Application/Permit Renewal and Hub Authentication unit at laa-pr@buildings.nyc.gov.

POST UNTIL: June 30, 2020

Melanie E. Ly Rocca, Commissioner
build safe | live safe

nyc.gov/buildings

Attachment B

Service Notice dated February 2020 –
2020 NYC Energy Conservation Code in Effect May 12



February 2020

SERVICE NOTICE

2020 NYC Energy Conservation Code In Effect May 12

The 2020 New York City Energy Conservation Code (NYCECC) will go into effect on May 12, 2020, affecting all new buildings and alterations.

New Projects

Jobs filed on or after May 12, 2020 **must** comply with the 2020 NYCECC.

Prior Projects

All BIS job applications with Job Status Code 'D' and Online Code 'AP Entire' along with a complete energy analysis filed on or before May 11, 2020 **shall** comply with the 2016 NYCECC.

Incomplete Filings

All job applications with an incomplete energy analysis filed on or before May 11, 2020 **must** comply with the 2020 NYCECC.

All DOB NOW work type applications, that are independent of a BIS filing and have a status Pre-fled Job Status on or before May 11, 2020 **must** comply with the 2020 NYCECC.

Complete applications are those that meet the submittal requirements of [Buildings Bulletin 2020-002](#) and include a complete energy analysis.

POST UNTIL: June 30, 2020

Melanie E. La Rocca, Commissioner
buildings | nyc.gov

nyc.gov/buildings

Attachment C

Buildings Bulletin 2020-002 Operational – Concerning the 2016 New York City Energy Conservation Code (NYCRCC) or the 2020NYCECC to New Building (NB) and Alteration (ALT) applications



NYC Buildings Department
290 Broadway, New York, NY 10007
Melanie F. LaRocca, Commissioner



BUILDINGS BULLETIN 2020-002

Operational

Supersedes: None

Issuer: Gus Sirakis, P.E. *Gus Sirakis*
First Deputy Commissioner

Issuance Date: February 18, 2020

Purpose: This bulletin clarifies when to apply the 2016 New York City Energy Conservation Code (NYCECC) or the 2020 NYCECC to New Building (NB) and Alteration (ALT) applications.

Related Code/Zoning: 1 RCNY 5000-01

Subject(s): Construction documents, application for; Construction documents, approval of; New building application; alterations, application; Energy Code, 2016 NYCECC, applicability; 2020 NYCECC, applicability; 2016 NYCECC, applicability; 2020 NYCECC, effective date

I. Background

The Energy Conservation Construction Code of New York State (ECCCNYS) is expected to go into effect on May 12, 2020. By State law, all local government energy codes, including New York City Energy Conservation Code (NYCECC), must be no less stringent than the ECCCNYS. In addition, the City's Energy Code must have the same effective date as the State's Energy Code, which will be **May 12, 2020**.

This bulletin clarifies the conditions under which the provisions of the 2020 New York City Energy Conservation Code (NYCECC) apply as they pertain to application submissions.

II. New Building and Alteration applications to Existing Buildings filed in BIS

If the application for construction document approval is submitted before May 12, 2020, and has a BIS Job Status Code of 'D' and an Online Code 'A/P Entire,' then the 2016 NYCECC applies, provided that all of the following requirements are met:

- the construction documents submitted meet the minimum requirements for completeness, as per 1 RCNY 5000-01 and the Department's **Project Guidelines** (<https://www1.nyc.gov/site/buildings/business/project-guidelines.page>)
- the application includes a complete energy analysis, and
- the application thereafter is diligently pursued to completion

With respect to NB applications and NB applications with existing elements, the 2016 NYCECC shall apply to the entire application, including any additional filings related to the NB (such as mechanical or boiler equipment filings) submitted on or after May 12, 2020, provided that construction documents are submitted before May 12, 2020 that include all necessary architectural, foundation, structural plans, lighting and corresponding energy analysis. Reviews and approvals from other agencies (e.g. Landmarks Preservation Commission) need not be submitted before May 12, 2020 in order for the application to be subject to the 2016 NYCECC.

Any subsequent filing, post-approval amendment, or updates to an initial filing to an alteration application or NB application following the 2016 NYCECC, with a substantial increase in work scope related to the overall size or footprint of such building, must fully comply in its entirety with the 2020 NYCECC, unless otherwise reviewed and authorized by the appropriate borough office.

II. Alterations for Work Types filed in DOB NOW independent of a BIS related job

When the application of a work type that is independent of a BIS filed job and is not in pre-filing status, is submitted before May 12, 2020 in DOB NOW, the 2016 NYCECC applies.

Jobs filed in DOB NOW with a pre-filing status are considered incomplete application submissions.

IV. 2020 NYCECC Effective Date

| WORK TYPE | TRIGGER | DATE | 2016 Code | 2020 Code |
|---|--|--|-----------|-----------|
| New Buildings and New Buildings with Existing Elements | Complete Submission as per this Bulletin | Before May 12, 2020 ^{a, h} | ✓ | |
| | | On or after May 12, 2020 ^{a, h} | | ✓ |
| Alteration applications to Existing Buildings | Complete Submission as per this Bulletin | Before May 12, 2020 ^{a, b} | ✓ | |
| | | On or after May 12, 2020 ^{a, h} | | ✓ |
| DOB NOW Work Types^c | Complete Submission as per this Bulletin | Before May 12, 2020 ^{a, b} | ✓ | |
| | | On or after May 12, 2020 ^{a, h} | | ✓ |

^a New Building and Alteration applications must include a Professional Statement, Energy Progress Inspection requirements, Energy Analyses, and Supporting Documentation as outlined in the *Project Guidelines*, <https://www1.nyc.gov/site/buildings/business/project-guidelines.page>. Subsequent related filings can be submitted after May 12, 2020, but must follow the same version of the NYCECC in effect as the original application. The Supporting Documents must include the Building Envelope, Mechanical Systems, Lighting & Electrical Power, and any Other Requirements as outlined in the Updated How-to Guide https://www1.nyc.gov/assets/buildings/pdf/h2c_all.pdf

^b Such applications must have a Job Status Code 'D' and Online Code 'A/P Entire.'

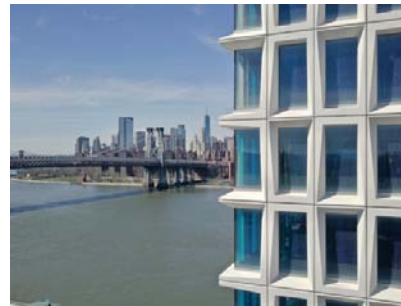
^c Only applicable to applications not associated with a BIS filing.



Recycled Rubber Flooring Provides Maximum Durability

AIA: 1 LU | Elective, Canada Potential: 1 Learning Credit

Register



3D Printing Technology Transforming the Concrete Industry

AIA: 1 LU | Elective, PDH Potential: 1 Hour, Canada Potential: 1 Learning Credit

Register



Unconventional Ways to Bring More Natural Light Into Buildings

NARI: 1 Hour, Canada Potential: 1 Learning Credit, AIA: 1 LU | HSW, GBCI: 1 General CE Hour

Register



Specifying Large Scale Living Green Walls

IDCEC: .1 CEU HSW, Canada Potential: 1 Learning Credit, AIA: 1 LU | HSW, LA_CES/non-HSW: 1 PDH, GBCI: 1 General CE Hour

Register



Sealing the Envelope with Insulated Metal Panels

AIA: 1 LU | Elective, PDH Potential: 1 Hour, Canada Potential: 1 Learning Credit

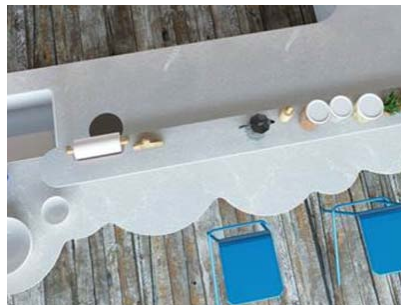
Register



Sound Isolation and Noise Control: Steel Buildings

PDH Potential: 1 Hour, Canada Potential: 1 Learning Credit, AIA: 1 LU | HSW

Register



Re-evaluating Kitchen Surfacing

IDCEC: .1 CEU, AIA: 1 LU | Elective, Canada Potential: 1 Learning Credit

Register



Pre-finished Steel Siding Panels

PDH Potential: 1 Hour, Canada Potential: 1 Learning Credit, AIA: 1 LU | HSW

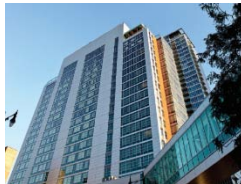
Register



Flooring Solutions for Specialty Environments

Register

AIA: 1 LU | Elective, Canada Potential: 1 Learning Credit



Fire Performance of Insulated Metal Panel Systems

Register

AIA: 1 LU | Elective, PDH Potential: 1 Hour, Canada Potential: 1 Learning Credit



Quartz Surfacing Basics & Trends

Register

IDCEC: .1 CEU, AIA: 1 LU | Elective, Canada Potential: 1 Learning Credit



Vinyl Windows & Doors: Meet Goals for Multifamily Housing

Register

Canada Potential: 1 Learning Credit, AIA: 1 LU | HSW



**Roof Deck Hardscape Systems
For Outdoor Amenities**

Register

AIA: 1 LU | Elective, Canada Potential: 1 Learning Credit



**Polycarbonate Roofing and
Glazing Highlights**

Register

AIA: 1 LU | Elective, Canada Potential: 1 Learning Credit



**Cool Solutions: Ice Machines
and Your Projects**

Register

*IDCEC: .1 CEU, AIA: 1 LU | Elective, Canada Potential: 1
Learning Credit*



**Monolithic Acoustical
Drywall Ceilings**

Register

*PDH Potential: 1 Hour, Canada Potential: 1 Learning Credit,
AIA: 1 LU | HSW*



**Innovative Materials Help
Energy Innovation Center
Earn LEED Platinum
Certification**

*AIA: 1 LU | Elective, Canada
Potential: 1 Learning Credit*

Register



**Why Exceed the Code:
Maximizing Energy and Cost
Savings in Pipe Insulation**

*Canada Potential: 1 Learning Credit,
AIA: 1 LU | HSW*

Register



**Understanding Window,
Door and Skylight
Certification**

*NARI: 1 Hour, AIA: 1 LU | Elective,
PDH Potential: 1 Hour, Canada
Potential: 1 Learning Credit*

Register



**Integral Crystalline
Waterproofing**

*AIA: 1 LU | Elective, Canada
Potential: 1 Learning Credit*

Register

THE END