



# Building Inspectors Association

## Northeastern Wisconsin Organized 1971

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## Minutes: September 5, 2024

**Business Meeting-** President Doug Hoerth called the meeting to order at 9:30AM with 27 members in attendance.

*(No additions or amendments to the agenda were noted)*

**Member Introductions-** Members introduced themselves. No new members were present.

**Reminders/Updates-**

- The October ICC sign up has been sent out. Please don't forget to sign up.
- If anyone has ideas or suggestions for speakers or meeting topics please reach out to Peter Feters or Andrew Prickett.

**Approval of Minutes-** A motion was made to approve the 6/6/24 minutes. The motion received a second and carried.

**Executive Committee Reports:**

**Secretaries Report-** Nicole Krahn gave an update on the October 3rd ICC class and online sign up. The signup is now electronic and payment can be made online with PayPal, Venmo or by using a credit card. It was noted that at the online checkout, the sheet states \$15 instead of \$20. Doug stated he would look into this as it's a mistake. There weren't any issues noted with this process and it was noted that it seemed easy and will help streamline meetings and events.

**Presidents Report-**

Doug stated that the executive committee voted on who received the free ICC conference registrations. Our association was granted two free registrations this year and Doug Hoerth and Andrew Prickett received them and will be attending on behalf of our association.

**Treasurer's Report-** Rob Cormier gave a report on our current balance. A motion was made and seconded to approve the treasurer's report.

## ***Committee Reports:***

***By-Laws-*** No report given.

***Code Coordinating-*** Dennis Jensen said that they're having their 3<sup>rd</sup> meeting to set up the Winter Updates. They're still working on setting up the training and they'll be having a different setup for the UDC day. Member ideas for training options were residential sprinkler systems and composite rebar.

***Information & Schooling-*** Pete Schuerman will be retiring in October so he asked that we fill his position on this committee. Pete has done an amazing job providing speakers and quality education for our association for the past several years. We're definitely going to miss Pete and we wish him happiness in his retirement! Andrew Prickett volunteered to serve on this committee with Peter Feters. Please let the committee members know if you have ideas for training topics. Members noted that they'd like to see training on composite rebar materials and solar PV systems.

A discussion took place on the 2024/2025 meeting schedule. In November we'll have a presentation on plumbing, December will be at the Automotive Museum for the annual meeting. 2025 meeting dates/topics...the meeting in January may be the 9<sup>th</sup> and be roundtable, Feb, April (Maybe), May, June (residential onsite), Aug, Sept (commercial onsite), Oct (ICC class), Nov, Dec.

***Publicity & Historian-*** No report given.

***Registration Coordinator-*** Dennis has everything set up for the October ICC training day.

***Website Coordinator-*** Doug Hoerth stated that he attended a meeting put on by ICC where they discussed providing our association with a free website. Doug stated that he told them to proceed with the development of the website and he's hopeful that it will be a great option for our association as we wouldn't have to pay hosting fees any longer. Doug will still be able to maintain the website and it should help with meeting signups, etc.

***Nominating Committee-*** There will be an open secretary position or President and Vice President position depending on what Nicole decides. Nicole noted that it's taking her a while to become familiar with the new processes/forms/etc. and it might be beneficial for the organization for her to stay on as secretary.

***Sunshine-*** No report given.

***Old Business:*** None

### ***New Business:***

Doug Hoerth set up an account with paypal for online payments with Rob Cormiers help. Future meetings we will use online signups and payments. The new signups will provide a list of who's paid and not paid and will make it easier to plan events. Doug noted that the association is paying the credit card fees so the training costs will reflect that additional fee.

Doug stated our association received a thank you letter from North Central Technical College thanking our association for supporting the program.

***Speaker:*** Jessica Peters with Donahue & Associates gave a presentation on "HVAC 101". The presentation focused on economizers, humidification systems, ductwork velocities, system balancing and installation issues. A few notes from the presentation are:

- 40-60% relative humidity is the optimal zone for health.
- Economizers utilize outside air to cool the building (Two types... dry bulb and enthalpy)
- IECC 403.3.1 says 45 degrees but economizers standard supply air on a VAV with reheat is 55 degrees. There's a discrepancy between the code vs real world application.
- A gas fired heat exchanger prefers at least 60 degree air. Less than this causes deterioration of the heat exchanger
- Enthalpy economizers are easier to meet code requirements
- Duct velocities (low, medium, high). For commercial projects they can use velocity to transport materials within ducts.
- Smaller ducts increase the velocity but also increase noise.
- Fittings...avoid sharp turns and use turning vanes when there is a sharp turn.
- When you add screens to ductwork you add pressure drop and a lot of time this is never accounted for.
- Hvac System Balancing is a requirement in the 2015 IECC, 2015 IMC. It's a report that balances the airflow in a system to match the design intent. The report should include make/model and serial numbers, horsepower, RPM, voltage, frequency, sheave size and air readings (preliminary, design and final). Goal should be +/- 5% to the design. If you get to 10% deviation you'll start to get complaints.
- Do not put a roof or anything above condensing units (need 48" above the unit, 18" side clearance required, 24" recommended) Don't use a pressure washer on an a/c unit.
- Keep flex ducts to less than 6'-7'.
- PVC vs CPVC (CPVC max temp 200 degrees)
- How to determine economizers have the required controls. Look for an outside air temp sensor or have the hvac installer do a test of the hvac system. Have them put the unit in economizer mode and make sure the dampers open/shut.
- A great tool to use.....Greenheck toolbox (use ductulator option)

#### ***Roundtable Discussions:***

- Backwater valves and if they're required in municipalities?
  - Consensus is that some municipalities require them and some don't. It's not mandatory to put them in.
  - Discussion on the plumbing code SPS 382.30.11.b.2
- Scissors trusses and balloon framing up to the bottom cord of the truss and hinge points. Framing shouldn't be up to the top plate and then framing from there up to the bottom of the scissors truss as it creates a hinge joint.
- Make sure truss plans and truss layouts are utilized for inspections and are onsite.
- MiTek detail for over-framing.
- Posting job addresses onsite.
- Scholarships (look into Fox Valley Tech in Appleton and Oshkosh). Discussion on scholarships for inspectors. This would have to be researched as there aren't any programs out there.
- Discussion on class approvals from DSPS. They may be changing the requirements so inspectors can't attend the same class within the 4 year license cycle.
- Jack Wotruba retired in July. No one knows what DSPS is doing as far as hiring a new position.
- School projects if more than 5 rows of bleachers you need state plan review.
- Make sure you have component submittals for commercial projects.
- DSPS Audits. Doug Hoerth stated DSPS came in for a commercial audit of the department. It went well. They visited some sites and went through plan reviews (3 hours in office and 3 hours in the field).
- Zoning discussion on site plans and final inspections. Some municipalities require as-builts.

**Adjournment-** A motion was made to adjourn the meeting. The motion received a second and carried.

Respectfully Submitted,

Nicole Krahn

BIANEW Secretary

Website: [www.bianew.org](http://www.bianew.org)

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*A Non-Profit Organization of Municipal Inspectors Dedicated to the Education and Training of Its  
Members and to the Uniform Enforcement of the Wisconsin State Building Code.*

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