

# Quality Insights Newsletter

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**ACIG MISSION STATEMENT: Saving lives, preventing injuries, and reducing the overall cost of risk for our Members.**

**PEQ VISION STATEMENT: To provide the Member with the latest information and strategies on leading-edge quality risk management principles, systems, tools, processes, and techniques, while representing the ACIG mission to all Members.**

## Quick Links

[ACIG Member Spotlights](#)

[Performance Excellence  
& Quality News](#)

[ACIG's PEQ Team](#)

## Life-Saving Commitments Newsletter (LSCN)

To read any of ACIG's  
Life-Saving Commitments  
Newsletters click [here](#).\*.

## Lesson Learned Bulletin

To read any of ACIG's previous  
Lesson Learned Bulletins,  
click [here](#).\*.

\*ASK username and password  
required. Contact [ASK Support](#)  
for assistance.

American Contractors Insurance Group  
2600 N. Central Expy., Suite 800  
Richardson, TX 75080  
Main: 972.702.9004  
Fax: 972.687.0602

## Upcoming Meetings & Events



**December 13-14, 2022**

Quality Peer Group II Meeting  
*Host: The Haskell Company*

**February 15, 2023**

Performance Excellence Peer Group  
Meeting – Beverly Hills, CA

## New Name, Same Newsletter!



# QNN IS NOW QIN!

You may have noticed that this issue of the newsletter has a different name, and that's no accident! The Quality News Network (QNN) will be known as the Quality Insights Newsletter (QIN) going forward. The content within will still include current Performance Excellence and Quality news topics, upcoming meetings, events, and everything else you have come to expect from the QNN.

We hope you will continue to enjoy receiving your Quality Insights Newsletter, and we look forward to bringing you even more informational topics in the future.

## The Jaynes Companies



### Jaynes Brings Building Enclosure Education to Albuquerque, New Mexico

On Friday, September 23<sup>rd</sup>, Quality Manager Chris Sisneros (Jaynes Corporation) brought together over 85 Albuquerque, NM construction industry members, including architects, consultants, installers, and Jaynes project managers/superintendents. Mr. Sisneros worked with the Air Barrier Association of America (ABAA) to bring in four (4) nationally recognized speakers who presented on the topics of building science, flashings, NFPA 285, and enclosure quality assurance/quality control. Mr. Sisneros also contributed to the symposium by providing an excellent and informative session on the critical issue of life safety and proper firestopping requirements and techniques.

If you are interested in hosting a full-day enclosure symposium, ABAA can provide speakers on the topics of your choice at no cost. Please contact ACIG PEQ Consultant, Brian Stroik at [brian.stroik@acig.com](mailto:brian.stroik@acig.com) for more information.

## Welcome Wilson Construction Co.!



ACIG would like to welcome our newest Member, Wilson Construction Company! Founded in 1952, Wilson is a family-owned business, and is one of the largest privately held utility construction companies in the Northwest. Wilson specializes in the design and construction of vital electric utility infrastructure needed by power providers across the United States and beyond. They currently maintain offices in Washington, Oregon, California, New Mexico, Arizona, and Pennsylvania. Welcome, Wilson!

## Quality Peer Group III Meeting—August 23-24, 2022

This August, Superior Bowen hosted Quality Peer Group III, our Heavy Civil group, for the group's first in-person meeting since the pandemic. Amanda Mohr, President of Superior Bowen, kicked off the meeting with a greeting to the group, Jennifer Breuer, Vice President of Quality & Materials followed with an overview of Superior Bowen and the company's Core Values (Respect, Innovation, Relationships, Quality, and Safety). Superior Bowen provided the group with tours of their repair and maintenance shop, equipment yards, asphalt plants, and their materials testing labs. The group also took deep dives into trucking management systems, balanced mix designs, and open discussion topics, such as rework. Thank you, Superior Bowen, for hosting!

We would love to feature your company's good news as a Member Spotlight! Did someone recently earn a quality certification or promotion? Please send any awards, achievements, endeavors, community involvement, etc. to Emily Glazner at [emily.glazner@acig.com](mailto:emily.glazner@acig.com).

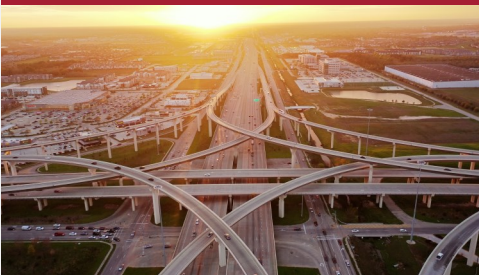
## Where Are the Workers?



Over the next year and a half, the construction industry is looking to add over 2 million jobs, according to the Home Builders Institute. Along with the need to find and add employees, companies must also focus on retaining their talented workers from becoming someone else's superstar. Part of this process includes having defined career paths and the ability to relate to potential employees personal values.

To read more from *Construction Executive*, please click [here](#).

## 5 Common Challenges with Roadway Construction Projects



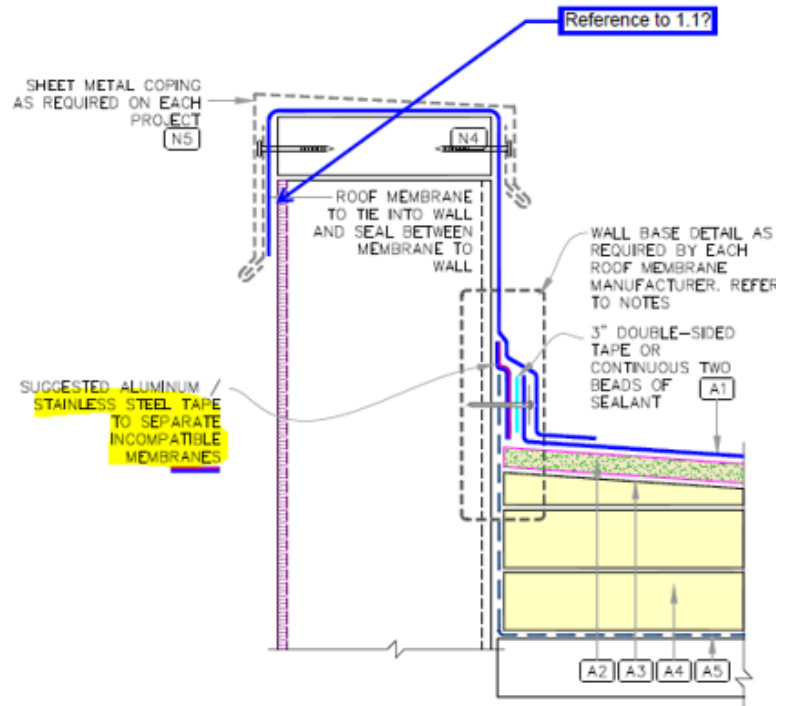
Street and Road work has numerous challenges and concerns. This article, written by a Miami construction attorney for Cotney Attorneys and Consultants, provides insight into the top five (5) concerns they have run into and provides some suggestions on how to avoid or correct them.

To read more from *Cotney Attorneys & Consultants*, please click [here](#).

## Roof-to-Wall Tie-In

The roof-to-wall detail is generally poorly detailed, leading to installation issues and potential long-term problems. In their 2022 third quarter newsletter, ABAA provided a link to 19 conceptual roof-to-wall details created in conjunction with the Single Ply Roofing Industry (SPRI) to assist construction projects.

To read more from the *Air Barrier Association of America*, please click [here](#) to view their Q3 2022 Newsletter.



NOTES:

ROOF MEMBRANE MANUFACTURER SHALL PROVIDE A BASE FLASHING DETAIL, WHERE ROOF AIR & VAPOR BARRIER SHOULD BE EXTENDED VERTICAL UP TO SEAL WITH ROOF MEMBRANE. THIS DETAIL WILL ADDRESS THE MEMBRANE'S MECHANICAL ATTACHMENT AGAINST WIND UPLIFT PRESSURE ALSO.

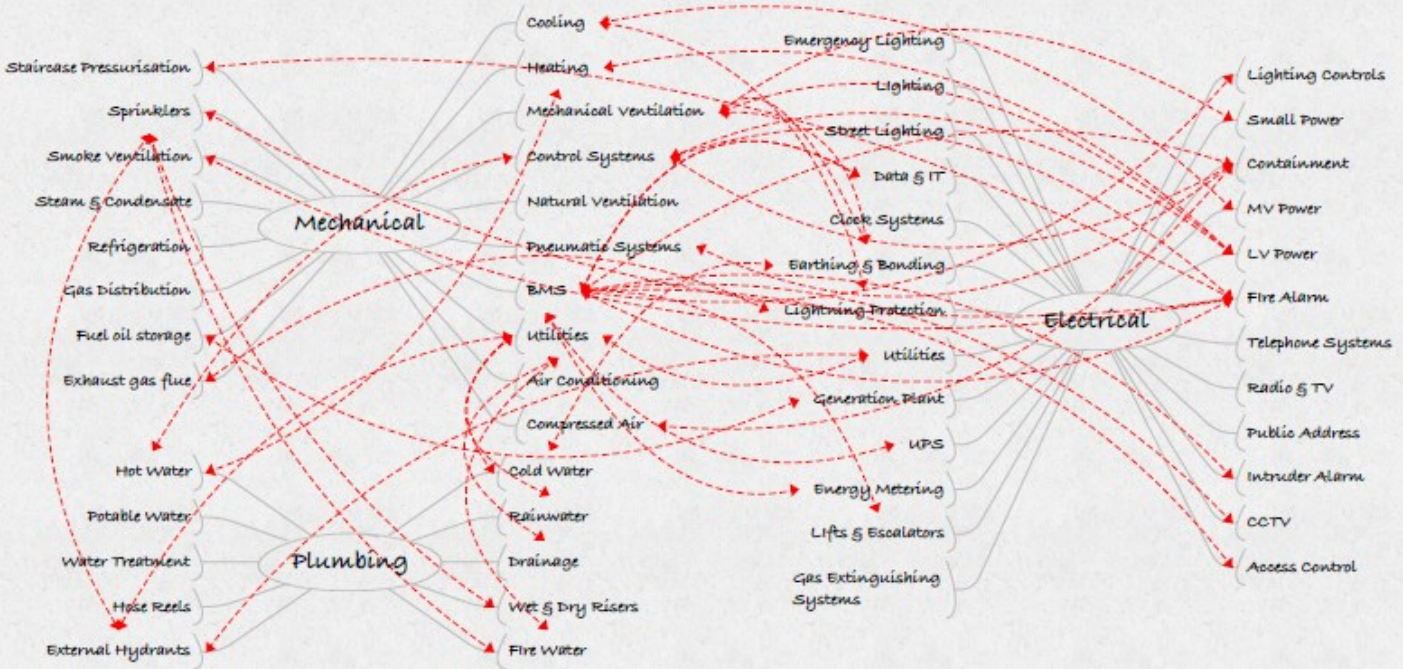
ON DARK COLOR ROOFS, THE ASPHALTIC ROOF AIR & VAPOR BARRIER DOES NOT DEGRADE DUE TO MELTING OF ASPHALT UNDER VERY HIGH SURFACE TEMPERATURE OF DARK COLOR ROOF MEMBRANE.

ON LIGHT COLOR ROOFS, ENSURE THAT ASPHALT DOES NOT LEACH THROUGH THE ROOF MEMBRANE, CAUSING DISCOLORATION OF ROOF MEMBRANES.

ON PVC ROOF MEMBRANES, ENSURE THE ASPHALTIC PRODUCTS DO NOT COME IN CONTACT WITH PVC ROOF MEMBRANE.

	<b>ABAA GUIDE DETAILS FOR ROOF TO WALL TIE-IN</b>	<b>PARAPET WALL</b>	<b>4.</b>
	FIRST EDITION: 12/2020	SEE <a href="#">A.1.1</a> , <a href="#">A.1.2</a> & <a href="#">A.2.1</a> FOR ADDITIONAL INFORMATION.	

## MEP Interfaces—Complexities of MEP Design



MEP systems are incredibly complex and must be appropriately designed and coordinated. The costs of these systems range from 25% to 40% of the construction project costs, and failure to properly integrate these systems often causes increased costs for redesign and rework.

To read more from *MEP Interfaces*, please click [here](#).

## How to Reduce Construction Rework Costs



Changing one's mindset to embrace problem finding, incorporating shorter learning cycles (not waiting until the project is over, for example), and quickly discovering and addressing the root cause can assist your project teams in reducing overall rework costs. These rework costs have recently been part of an international study, which indicated avoidable errors account for as much as 5% of the project value.

To read more from *Lean Construction Blog* please click [here](#).

## AR in Construction to Achieve Operational Excellence

“By merging physical and digital views, AR in construction can help the project teams and employees to drive efficiency and boost confidence in their projects.”

To learn more about how AR can contribute to achieving operational excellence from *Forbes*, please click [here](#).



### HOW CAN AR IN CONSTRUCTION IMPROVE OPERATIONAL EFFICIENCY?

- 
**PROJECT PLANNING**  
 New AR developments provide a way to produce a 3D model directly from a 2D plan. With that in mind, AR also allows teams to conduct tours of the entire project before its execution, enabling the clients to closely monitor the components and details of the infrastructure.
- 
**AUTOMATING MEASUREMENTS**  
 Accurate measurements are extremely imperative to ensure the success of any construction project. AR can help to accurately measure the physical properties of a site, including its width, depth and height.
- 
**MODIFICATION IN PROJECTS**  
 Engineers using their AR - enabled smart devices can relocate or remove structural components from a project and modify the layout. This will allow the engineers to remove any oversight, improve workflow and help to avoid wasting materials.
- 
**PROJECT INFORMATION**  
 Through AR, they can move or toggle between different layers to examine a project against the building plan and guarantee a successful construction. AR also enables users to view the progress of the building virtually against its schedule.
- 
**TEAM COLLABORATION**  
 AR can help hasten the resolution by allowing all the parties to share videos or notes of the design issues or errors in real-time. This will decrease the time, cost and efforts taken to resolve the complications.
- 
**SAFETY OF WORKERS**  
 AR solutions will flag the threats, offer alternatives and keep the workers secure and safe. With that, AR can boost overall operational efficiency and precision, leading to improved client relations and satisfaction.



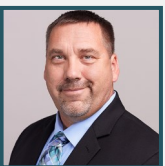
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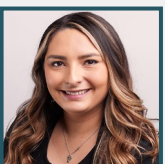
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