

# TEC502 Roofing Design: Technology Advances and Unforeseen Consequences Agenda

## Day 1

| Time                | Topics   |
|---------------------|--|
| 9:00 AM – 9:50 AM   | Welcome <ul style="list-style-type: none"> <li>Logistics</li> </ul> ASCE Version Comparisons<br>Deck Interfaces  |
| 9:50 AM – 10:00 AM  | Break  |
| 10:00 AM – 10:50 AM | Research & Innovation Center Tour  |
| 10:50 AM – 11:00 AM | Break  |
| 11:00 AM – 12:00 PM | Pull Test Procedures<br>Industry Trends <ul style="list-style-type: none"> <li>LEED®</li> <li>ASHRAE</li> <li>Energy Code</li> <li>Reflectivity</li> <li>Heat Island Effect</li> </ul>   |
| 12:00 PM – 1:00 PM  | Lunch  |
| 1:00 PM – 1:50 PM   | Good Intentions with Questionable Results<br>Moisture Migration <ul style="list-style-type: none"> <li>Vapor Drive</li> <li>International Energy Conservation Code (IECC)</li> <li>Construction Practices</li> <li>Mitigation Options</li> </ul> |
| 1:50 PM – 2:00 PM   | Break  |
| 2:00 PM – 2:50 PM   | Moisture Migration <ul style="list-style-type: none"> <li>Coolers/Freezers</li> <li>Moisture in Concrete</li> <li>Mitigation Options</li> </ul>  |
| 2:50 PM – 3:00 PM   | Break  |
| 3:00 PM – 3:40 PM   | Building Envelope: What is it? (Roof to Wall Tie-ins)  |
| 3:40 PM – 4:00 PM   | Mock-up Discussion of NVELOP Details<br>Conclusion/Wrap-up   |