



Elementary School Air Barrier Oversight

SERVICES

- ◆ Roof Condition Assessments
- ◆ Building Envelope Analysis
- ◆ Materials Testing
- ◆ Roof Maintenance/Management Programs
- ◆ Life Cycle Cost Analysis
- ◆ Peer Review
- ◆ Quality Assurance Construction Observation and Reporting
- ◆ Non-Destructive Evaluation and Analysis
- ◆ Moisture Surveys (Infrared Thermography)
- ◆ Forensic Evaluations
- ◆ Design Services
- ◆ Project Management/Contract Administration

### Service Overview

Nova's assessment services assist owners in evaluating the integrity of an existing roof or building envelope through comprehensive surveys that determine signs of deterioration, water tightness and estimated remaining life. These evaluations can be augmented by non-destructive test methods utilizing a moisture gauge, nuclear density gauge and infrared camera technology. Our primary approach to roof assessments is to prolong the life of the asset and provide our clients with the information they need to make informed decisions. If it is determined that a roof replacement is the answer, then Nova's professionals provide complete replacement design, bidding assistance and contractor selection review. Our staff also provides on-site monitoring of installation activities.

### Experience

Nova's experienced professional consultants provide clients with the technical team members they need when it comes to roofing and waterproofing issues. We have experience in design consultation and testing. We also perform installation oversight to ensure roof systems are installed and perform as intended. Our professionals also have experience in storm damage (Cause and Origin) assessments.



**G. Michael Bock, RBEC, CCCA**

**Building Envelope/Roofing Systems National Practice Leader**

Mr. Bock has extensive experience evaluating the integrity of existing roofs or building envelopes through comprehensive surveys. He provides technical review of facilities for owners, lenders, buyers and investors.

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## CASE STUDY

### Summary:

Nova recently assisted a client with a hail and wind damage insurance claim. The project consisted of a 180,000 square foot facility in Arlington, Texas. The facility had 11 buildings with multiple roof types.

### Highlights:

Following a storm event, Nova's client contacted their insurance company, who initially denied their claim. Nova completed a follow-up investigation and documented the storm damage in detail. Armed with this information, the client was able to work with their insurance company to resolve the claim. Nova assisted the client with the roof replacement scope and reviewed the installation.

