

Dustin Knapp | Associate III



EDUCATION

- University of Illinois at Urbana-Champaign
 - Bachelor of Science, Architectural Studies, 2008
 - Master of Science, Architecture/Structures Option, 2010

PRACTICE AREAS

- Facade Assessment
- Roofing and Waterproofing
- Repair and Rehabilitation
- Structural Analysis
- Windows and Curtain Walls

REGISTRATIONS

- Architect in HI and IL
- Registered Roof Observer

PROFESSIONAL AFFILIATIONS

- ASTM International
- Sealant, Waterproofing and Restoration Institute (SWRI)

CONTACT

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EXPERIENCE

Dustin Knapp has a wide range of experience in water intrusion investigations, facade and roofing/waterproofing examinations, structural assessments, and repair design. He has particular expertise in full and partial stucco recladding, deck waterproofing investigation and repair, and roofing damage assessment and repair. Mr. Knapp has been involved during the investigation, design and preparation of repair drawings, and performed construction observations on numerous roofing and recladding projects. He has performed water leakage testing in accordance with ASTM test methods and has performed capacitance meter testing and monitoring of various roof and wall assemblies. Prior to joining WJE, Mr. Knapp worked for a roofing contractor where he was involved with the installation of roof systems on residential and commercial properties.

REPRESENTATIVE PROJECTS

Facade Assessment

- Granite Park Place - Pasadena, CA: Building enclosure commissioning
- 401 Chapala One - Santa Barbara, CA: Facade recladding
- 199 East Lake Shore Drive Building - Chicago, IL: Critical examination of facade
- Baptist Health Medical Center - Little Rock, AR: Building cladding and stabilization consulting

Roofing and Waterproofing

- Jack Russell Library - Hartford, WI: Design and construction period services for roof replacement
- Jefferson Middle School - Villa Park, IL: Roof investigation
- Oakbrook Marriot - Oakbrook, IL: Pool roof investigation
- Saint Dismas Church - Waukegan, IL: Investigation and repair of leakage at roof and exterior walls
- Indian Community School - Franklin, WI: Repair design, including 3D modeling for detail interfaces

Structural Analysis

- Saint Elizabeths Hospital - Washington, D.C.: Structural work for restoration
- National Restaurant Chain - Oakbrook, IL: Revision of truss inspection and repair manual

Repair and Rehabilitation

- Holy Name Cathedral - Chicago, IL: Design and observations of masonry and wood framing and installation of moisture monitoring system
- Lee County Courthouse - Giddings, TX: Assessment, repair recommendations, and master planning
- St. Mary of the Angels Church - Chicago, IL: South bell tower repairs
- Otesaga Hotel - Cooperstown, NY: East porch rehabilitation
- Yankee Hill Apartments - Milwaukee, WI: Plaza repairs and litigation services

Windows and Curtain Walls

- National Grocery Chain - Chicago, IL: Water leakage investigation and repair design
- Condell Medical Center - Libertyville, IL: Window and curtain wall investigation, repair design, and construction observation