

Jonathan Selleck | Associate II



EDUCATION

- Temple University
 - Bachelor of Science, Architecture, 2013
- Lawrence Technological University
 - Master of Architecture, 2015

PRACTICE AREAS

- Building Enclosure Consulting
- Building Enclosure Testing
- Code Consulting
- Computer-Aided Design
- Failure/Damage Investigations
- Field Monitoring
- Roofing and Waterproofing

PROFESSIONAL AFFILIATIONS

- Association for Preservation Technology International - Eastern Great Lake Chapter

CONTACT

jselleck@wje.com
248.593.0900
www.wje.com

EXPERIENCE

Since joining WJE in May of 2014, Jonathan Selleck has performed various building envelope technical consulting services, and failure/damage investigations related to facade claddings, glazing, roofing, and waterproofing systems. He has performed water infiltration testing in general accordance with procedures outlined in AAMA and ASTM test methods, as well as, other field testing to assess the performance of constructed assemblies. Mr. Selleck is proficient in the use of AutoCAD and Revit. Prior to joining WJE, Mr. Selleck served in the United States Navy as a logistics specialist on submarines.

REPRESENTATIVE PROJECTS

Building Enclosure Consulting

- Buchanan School Townhomes - Washington, D.C.: Peer review of exterior wall cladding specifications
- DMC Surgery Hospital - Madison Heights, MI: Damage assessment of interior and exterior architectural elements and structural system

Building Enclosure Testing

- Auto Owners Insurance South Campus - Lansing, MI: Envelope testing and construction period quality control services
- MSU Bioengineering Building - East Lansing, MI: Water infiltration testing of curtain wall
- Pine Knob Enclaves Association - Clarkston, MI: Water infiltration investigation of the exterior facade of residence

Code Consulting

- Huntington Park Garage - Cleveland, OH: Accessibility assessment for parking structure rehabilitation
- Water's Edge Apartment Building - Grand Rapids, MI: Damage assessment and code application analysis relative to fire damage
- Lakeside Assembly of God - Shelby Township, MI: Code review assessing existing conditions in support of large scale addition to evaluate the existing conditions of the church

Computer-Aided Design

- Metropolitan United Methodist Church - Detroit, MI: Design and preparation of accessibility upgrade for restrooms
- Wexford County Road Commission - Boone, MI: Preparation of documents for new office building design
- Granger Energy - Morgantown, PA: Preparation of design drawings for new engine room addition

Failure/Damage Investigation

- Precast Wall Panel Testing - River Rouge, MI: Ultrasonic testing, load testing, and proof testing conducted after panel lifting failure
- City Center - Troy, MI: Participated in assessment of conditions leading to facade coating failure
- Detroit Observatory - Ann Arbor, MI: Assisted with assessment and repair development for damaged stucco and metal dome exterior finishes

Field Monitoring

- Memorial Hermann Katy Expansion - Katy, TX: Quality assurance/quality control of window system and window perimeter joint sealant repairs
- Major Retail Store Chain - Various Locations Nationwide: Field inspection for large metal frame buildings
- Detroit Edison Energy - Monroe, MI: Evaluation of the tension of in situ high-strength bolts

Roofing and Waterproofing

- Michigan State Capitol - Lansing, MI: Plaza waterproofing consulting
- Prescott Valley Public Library/Yavapai College - Prescott Valley, AZ: Investigation of water infiltration through roof and building envelope