

Samuel C. Zartman | Associate III



EDUCATION

- The Pennsylvania State University
 - Bachelor of Architectural Engineering, Structures Option, 2019
 - Master of Architectural Engineering, Structures Option, 2019

PRACTICE AREAS

- Building Enclosure Consulting and Commissioning
- Roof Assessment and Design
- Roofing and Waterproofing
- Leakage Investigation
- Facade Assessment

PROFESSIONAL AFFILIATIONS

- Architectural Engineering Institute
- Building Enclosure Council - Philadelphia
- International Institute of Building Enclosure Consultants - Delaware Valley Chapter, secretary

CONTACT

szartman@wje.com
215.567.0703
www.wje.com

EXPERIENCE

Since joining WJE in 2019, Sam Zartman's projects have included building enclosure commissioning, roofing assessments, and leakage investigations for various enclosure systems. He also conducts and observes facade performance testing, develops design documents, and provides construction observation services.

Mr. Zartman has experience with various new and existing construction types, including commercial, low- and high-rise residential, university, and medical. He regularly performs evaluations of masonry, metal panels, and glass facades, as well as steep-slope and low-slope roofing systems.

REPRESENTATIVE PROJECTS

Building Enclosure Consulting and Commissioning

- Tower Health/Drexel University New Medical School Building - Reading, PA: Enclosure consulting and construction quality assurance services for 174,000-square-foot higher education building
- WellSpan York Cancer Center - York, PA: Enclosure consulting and construction quality assurance services for a 65,000-square-foot addition to existing cancer treatment center
- University of Pennsylvania, New College House West - Philadelphia: Building enclosure commissioning of new dormitory facility with green roof
- 2222 Market Street - Philadelphia, PA: Fabrication and construction quality assurance services for new office building comprising unitized curtain wall and prefabricated brick and metal panels

Roof Assessment and Design

- Ephrata Community Hospital - Ephrata, PA: Replacement of existing single-ply EPDM roofing system with new modified bitumen roofing system

- Delaware County Courthouse - Media, PA: Condition assessment of existing modified bitumen, EPDM, asphalt shingles, and copper batten seam roofs of nineteenth-century courthouse
- Biddle Hall - Philadelphia, PA: Condition assessment of existing aluminum standing seam roofs, EPDM roofs, skylights, and chimneys

Waterproofing

- 1101 Chestnut Street - Philadelphia, PA: Construction observation and quality assurance services for the installation of 87,000 square feet of horizontal and vertical blind side waterproofing
- 400 West Elm Street - Conshohocken, PA: Construction observation and quality assurance services for the installation of sheet-applied, positive side waterproofing

Leakage Investigation

- Symphony House - Philadelphia, PA: Investigation of precast concrete, terrace waterproofing, and curtain wall
- Two Liberty Place - Philadelphia, PA: Investigation of curtain wall and sloped glazing
- York Hospital Patient Tower - York, PA: Investigation of EPDM roof and parapet assembly

Facade Assessment

- The Ellington Condominium - Philadelphia, PA: Condition assessment of terra cotta cornice and limestone and masonry facades
- The Residences at Two Liberty - Philadelphia, PA: Condition assessment of a vintage unitized glass curtain wall and sloped glazing assembly with granite panel accents