

### Samuel C. Zartman | Associate III



#### EDUCATION

- The Pennsylvania State University
  - Bachelor of Architectural Engineering, Structures Option, 2019
  - Master of Architectural Engineering, Structures Option, 2019
  - Minor in Architecture Studies, 2019

#### PRACTICE AREAS

- Building Enclosure Consulting and Commissioning
- Roof Assessment and Design
- Unitized Curtain Wall
- Roofing and Waterproofing
- Leakage Investigation

#### REGISTRATIONS

- Professional Engineer in PA

#### PROFESSIONAL AFFILIATIONS

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

#### CONTACT

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#### EXPERIENCE

Sam Zartman's projects include 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 possesses experience with new and existing construction types, including commercial, low- and high-rise residential, university, and medical. He performs evaluations of masonry, metal panel, glass facades, and steep-slope and low-slope roofing systems.

#### REPRESENTATIVE PROJECTS

##### Building Enclosure Consulting and Commissioning

- Spark Therapeutic, Gene Therapy Innovation Center - Philadelphia, PA: Enclosure consulting and construction quality assurance services for 550,000-square-foot pharmaceutical manufacturing facility
- Tower Health, Drexel University New Medical School - 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 65,000-square-foot addition to existing cancer treatment center
- 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 - 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 and development of repair drawings of existing aluminum standing seam roofs, EPDM roofs, skylights, and chimneys

##### Unitized Curtain Wall

- CHOP Schuylkill Avenue Research Building - Philadelphia, PA: Enclosure consulting and construction quality assurance services for sixteen-story, 390,000-square-foot medical research facility with concave and pleated unitized curtain wall facade
- 3151 Market Street - Philadelphia, PA: Enclosure consulting and construction quality assurance services for fourteen-story, 472,000-square-foot laboratory and office building with unitized curtain wall facade

##### Roofing and Waterproofing

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

##### Leakage Investigation

- CHOP Specialty Care Abington - Abington, PA: Investigation of TPO roof assembly and brick cavity wall facade
- 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