



PROJECT PROFILE

University of Pennsylvania, Gutmann College House

Building Enclosure Commissioning | Philadelphia, PA



CLIENT

University of Pennsylvania

BACKGROUND

Gutmann College House is a new 250,000-square-foot, thirteen-story student housing facility providing various amenities for student life.

The building was designed to maximize daylight and views of the green lawns in the courtyard and the city with its unique U-shaped design. The building achieved LEED Silver Certification.

AWARDS

AIA Pennsylvania Design Award,
AIA Pennsylvania COTE Award,
GBCA Construction Excellence Award

WJE was engaged to perform building enclosure consulting and commissioning services and worked closely with the owner, architect, and the construction team throughout the design and construction phases of the project, including the design-assist process. We also performed and witnessed performance testing of the building enclosure assemblies.



SOLUTION

WJE assisted in refining the Owner's Project Requirements and Basis of Design documents and reviewed the architectural drawings, specifications, submittals, and shop drawings related to the performance and constructability of the building enclosure systems. We participated in and contributed to the design-assist process for the prefabricated exterior wall panels and curtain wall and window wall assemblies.

We established and implemented the field performance evaluation plan for the building enclosure, regularly reviewed ongoing construction, performed and witnessed field performance verification testing during construction, and assisted with the resolution of issues that were identified during testing. Our team developed, updated, and maintained the project testing matrix for each project stakeholder. We also provided a building enclosure commissioning report and maintenance manual at the end of the construction phase.

