



PROJECT PROFILE

Penn Medicine Radnor

Building Enclosure Consulting | Radnor, PA



CLIENT

Penn Medicine: University of Pennsylvania Health System

BACKGROUND

Penn Medicine Radnor is a new 250,000-square-foot, four-story multispecialty ambulatory center. The project budget was \$200 million. The U-shaped building was designed to filter natural light through an open courtyard, and its wings are joined by an elevated pedestrian bridge. The building received LEED Gold certification.

AWARDS

- AIA/AAH National Healthcare Design Award, 2021
- Healthcare Design Showcase, Finalist, 2021
- Brick Industry Association, Brick in Architecture Award, Silver, 2020

WJE was engaged to perform building enclosure consulting services and worked closely with the owner, architect, and the construction team throughout the design and construction phases of the project. WJE engineers and architects also performed performance testing of the building enclosure assemblies.

SOLUTION

WJE provided peer review of the architectural drawings, specifications, and shop drawings related to the performance and constructability of the building enclosure systems. The team performed computer thermal analyses of exterior enclosure system interfaces with a focus on identifying thermal bridging and the potential for condensation development within the assemblies.

WJE also established and implemented the field performance evaluation plan for the building enclosure, regularly reviewed ongoing construction, performed field performance verification testing during construction, and assisted with the resolution of issues that were identified during testing.

