



The Milton S. Hershey Medical Center Academic Support Building
Hershey, PA

PROJECT TEAM

- Owner - The Pennsylvania State University
- Architect - Williams Trebilcock and Whitehead
- Construction Manager - Barclay-White, Incorporated
- Site and Civil Engineers - Rettew Associates
- Structural Engineers - Whitney Bailey Cox and Magnani
- Mechanical and Electrical Engineers - Brinjac-Kambic Associates

PROJECT DESCRIPTION

The Milton S. Hershey Medical Center Academic Support Building is a mixed use office building located on Penn State land in Hershey, PA. The 5 story, 145,316 gross sq. ft building houses departments for both Penn State College of Medicine and Hershey Medical Center. The 19 million dollar design-build project was designed to facilitate flexibility of the building program. Its central core houses an elevator bank, restrooms, a stairwell, and shared conference spaces. The angled wings contain suites with distinct entrances for each department.

STRUCTURAL

- ASTM A-572 structural steel floor beams
- ASTM A-36 structural steel columns and brackets
- 400psi elevated floor slabs on composite metal deck
- 1900psi foundation block walls



MECHANICAL

- Underfloor air distribution system
- 7,513 sq ft return air plenum mechanical penthouse
- (4) 42,500/3,750 cfm minimum OAT AHUs w/ VFD fan motors and 400lb/hr gas fired humidifiers
- (3) 48.2 boiler hp/1615 MBH gas fired boilers
- (2) 225 ton packaged air-cooled chillers
- 27.1 ton reciprocating winter chiller w/ remote chiller barrel
- 12-16" perimeter hot water radiant heating panels



Access flooring with underfloor ductwork and cable tray installed.

ELECTRICAL/LIGHTING

- 15KVA transformer 13.8KV/480Y/277V
- Main distribution board 2500amp, 480Y/277V main bus, metered
- 208Y/120 112.5KVA transformers on each floor
- 150KW roof mounted generator set
- Moveable underfloor junction boxes housing outlet & data jacks
- General interior lighting from compact fluorescent and T-8 lamps
- Outside lighting is 175W metal halide post-top lighting



Floor diffuser and cable tray access.



Access flooring panel.