

ADAM MICHAEL FINLEY

Construction Management Option



Project Team

Owner: The Pennsylvania State University
CM: The Whiting-Turner Contracting Company
Architect: Hillier Architecture
Landscape Architect: Lager Raabe Skafte Landscape Architects, Inc
Structural Engineering: Greenman-Pedersen, Inc
Civil Engineering: Gannett Fleming
MEP Engineering: B R + A/ Bard, Rao Engineering

Architecture

- Traffic flow away from patients
- Brick veneer and glass curtain wall exterior
- Pharmacy and garage located on 1st floor
- Green roof around mechanical penthouse
- LEED certification goal

Project Information

Building Size: 63,318 S.F.
Number of Stories: 5
Overall Construction Cost: \$24 Million
Project Schedule: May 06- May 08
Location: University Park, Pennsylvania
Project Delivery Method: Traditional Design-Build

Structural System

- Micro pile footings with grade beams
- Typical steel moment frames
- Glass curtain wall on South face
- Non load bearing brick shelf

MEP System

- High pressure steam system- supplied from university
- 2 rooftop air handling units
- 1 indoor air handling unit supplying server room
- Variable and constant volume boxes
- Wet sprinkler system supplying majority of building
- Dry sprinkler system supplying server room

Electrical System

- Typical fluorescent and incandescent fixtures
- Main switchgear 277/480V, 3 phase, 4 wire
- Main circuit breaker 1600A Frame and 1200A Trip
- Main utility work under separate contract
- Emergency power can supply 1/2 floor full power
- Optional ADD for emergency power to full floor

PENNSTATE



Penn State Health and Counseling Services Building

CPEP Website: www.arche.psu.edu/thesis/eportfolio/2007/portfolios/AMF232/