

Nicole Hazy

Structural

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Upper Campus Housing Project Phase II

Pittsburgh, PA

Project Team:

Owner: University of Pittsburgh

Construction Manager: P.J. Dick Incorporated

Architect: Perkins Eastman Architects PC

Civil/Site/Landscape Engineer: The Gateway Engineers, Inc.

Structural Engineer: Atlantic Engineering Services

MEP Engineer: Elwood S. Tower Corporation

Structural:

Foundation: Slab-on-Grade, Concrete Grade Beams, and Caissons

Superstructure: Reinforced Masonry Bearing and Shear Walls

Floor System: 8-12" Precast Plank System

Envelope: CMU Curtain Wall System w/ Tempered Insulated Spandrel and Vision Glass

Project Overview:

9 Story Dormitory

161,600SF

Total Height: 100ft

Primary Occupant: Students

Overall Cost: \$33 Million

Construction Start: May 2005

Construction Finish: July 2006



Electrical/Lighting:

480/277V, 3 Phase, 4 Wire Primary System

208/120V, 3-Phase, 4 Wire Secondary System

480V Diesel Powered Emergency Generator

Mechanical:

CAV System

Ventilation: 5400CFM AHU and 24,250CFM RTU

100% Outdoor Air at Neutral Temperature

Building Interior Heating/Cooling: 4-pipe Fan Coil Units

