

William W. Wilkins Professional Building Columbus, OH



Building Information:

- 6 story medical office building
- Roughly 112,000 sq. ft.
- \$7.4 Million plus tenant improvements
- Design-Bid-Build
- Construction Dates: 3/02–1/03

Project Team:

Owner: State Sixth LLC

Occupant: Grant/Riverside Methodist Hospitals

Architect/Engineers: URS

Geotechnical Engineer: CTL Engineering, Inc.

CM/GC/Developer: The Daimler Group

Architecture:

- Brick veneer, precast concrete and spandrel glass façade
- Tinted insulated punched windows
- Pedestrian bridge connecting from third floor to hospital across Sixth Street
- Roof: ballasted EPDM membrane over 3" decking with rigid insulation

Structure:

- The foundation consists of caissons drilled 25' on average, connected with grade beams
- Main floor system is 3 1/2" concrete slab on 2" 18 gage composite decking reinforced with 6x6-W2.1xW2.1 WWF
- Steel framing composite with slab, typical beam is a W16x31, typical girder is a W24x55
- Lateral system consists of steel braced frames
- Average bay is 30'-9" x 32'-4" divided into 3 equal spans

Mechanical:

- (4) 105 ton VAV rooftop units
- 28,000cfm, 6,000cfm outdoor air intake
- VAV boxes at each floor for zone control
- 2'x2' architectural ceiling diffusers

Construction:

- Building footprint almost exact size of lot
- 2 cranes used, 1 for steel and 1 for precast panel erection
- Constructed over buried building remains

Lighting:

- Central lobby lighting utilizes 6" recessed fluorescent down lights
- Tenant spaces are lit with 2'x4' recessed fluorescent grid troffers
- Emergency lighting capable of operating for 90 minutes is provided in corridors and large meeting areas

Electrical:

- Enters through (12) 4" conduits
- 480/277V and 208/120V
- 39 panel boards
- (6) 480V transformers, 1 per floor