

BRIDGESIDE BUILDING II PITTSBURGH, PA

PROJECT TEAM

Owner: The Ferchill Group
General Contractor: Turner Construction
Architect: Strada Architecture, LLC
MEP Engineer: Allen and Shariff Corporation
Structural Engineer: Atlantic Engineering Services
Civil Engineer: Gateway Engineers
Geotechnical Engineer: Professional Service Industries



PROJECT FEATURES

Building Type: Lab/Office Space
Building Size: 160,000 sf
Number of Stories: 5 plus a small penthouse
Dates of Construction: Nov 2007 to Dec 2008
Construction Costs: \$18 Million
Project Delivery Method: Design-Bid-Build



ARCHITECTURAL DESIGN

- Shell building to be fit-out when a tenant is contracted
- Industrial design with exposed lateral bracing and steel canopies
- Balconies with views of the Pittsburgh skyline
- Facade consists of storefront windows, metal panels and cast stone
- Built up roof with EPDM roofing membrane surrounded by a steel screen wall

STRUCTURAL DESIGN

- Pre-drilled H-pile foundations with concrete pile caps
- Structural steel framing with composite steel decks and 32'x30' column grids
- Lateral bracing is constructed of hollow steel tube cross bracing
- Composite decks consist of 3" NW concrete on 3" 20 ga deck

MEP SYSTEMS

- 3 rooftop AHU units which produce 40-75 thousand cfm of supply air and 1 VAV box per floor
- Wet pipe sprinkler system with concealed sprinkler heads
- Main distribution panel is sized for 4000A 480Y/277
- 1 mega-watt backup diesel generator
- Lighting consists of recessed incandescent down lights, fluorescent utility lights and exterior wall washers



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