

AMERICAN EAGLE OUTFITTERS

Quantum II Corporate Headquarters

77 Hot Metal Street, Pittsburgh, PA

Project Overview

- 6 story corporate office
- 186,000 square feet
- Cost: \$22.4 Million
- Delivery Method: Design Bid Build

Architecture

- Part of Pittsburgh's South Side Works commercial development
- Open floor plan for tenant fit-out

Project Team

- Developer: Soffer Development
- Owner: American Eagle Outfitters
- Base Building Architect: Davis Gardner Gannon Pope
- Base Building Engineer: Watson Engineers
- Fit-out Architect: The Design Alliance
- Fit-out Engineer: Atlantic Engineering Services
- Fit-out MEP: Tower Engineering



Mechanical

- CAV System
- 18000 CFM Roof Top Unit
- 7200 CFM Roof Top Unit

Structural

- Foundation: Slab on grade with concrete piles
- Superstructure: Steel Columns/Girders/Beams
- Floor: Composite Concrete Slab on Metal Deck
- Lateral System: Moment Resisting Connections
- Envelope: Brick and Glass curtain wall with composite slab roof deck

Lighting / Electrical

- 480/277V, 3 Phase, 4 Wire Primary System
- 208/120V, 3 Phase, 4 Wire Secondary System

MICHAEL SANDRETTO

The Pennsylvania State University Structural Option

<http://www.arche.psu.edu/thesis/eportfolio/2007/portfolios/MMS315/>