

Eight Tower Bridge

**161 Washington Street
Conshohocken, PA**

Project Information:

Size:

- 16 stories plus mechanical penthouse
- 345,000 square feet

Use:

- High-rise office building
- 48 car parking garage at lobby level

Construction:

- Design-Bid-Build
- Constructed from February 2001– April 2002
- \$43,000,000 total project cost

Architecture:

- Facade matches other Tower Bridge projects with green tinted windows and precast concrete
- Scenic views of Schuylkill River
- 2 story lobby with marble walls and floors
- Four terraces located at the 15th story

MEP:

- Mechanical penthouse on rooftop
- Two rooftop fan cooling towers
- VAV system capable of 70,000 CFM fresh air

Electrical:

- 120/208 3 phase, 4 wire house panelboards
- 200 AMP 277/480V 3 phase, 4 wire lighting panels on each floor
- 1'x2' fluorescent luminaires typical lighting

Project Team:

Owner/Developer:

- Oliver Tyrone Pulver Corporation

Architect:

- Skidmore, Owings & Merrill, LLP

General Contractor:

- R.M. Shoemaker Company

Structural Engineers:

- Skidmore, Owings & Merrill, LLP

MEP Engineers:

- Jaros, Baum & Bolles

Geotechnical Engineer:

- Schnabel Engineering Associates, Inc.

Corporate Partners:

- Brandywine Realty Trust
- Union Labor Life Insurance Co.



Structural:

Foundation:

- Auger cast piles with 100 ton capacity
- 36"-54" normal weight concrete pile caps
- 4'3" thick Mat foundation at building core

Superstructure:

- W-shape floor beams and columns
- Lateral resisting system combination of braced and moment frames

Floor System:

- Composite concrete slab on metal deck
- 4000 psi normal weight concrete