

# Park Potomac Office Building "E"

Potomac, MD

Kyle Wagner  
Structural Option

## BUILDING STATISTICS

**Location:** 12505 Park Potomac Ave.

**Size:** 160,000 sq. ft. Office Space

14,000 sq. ft. Retail

213,000 sq. ft. Parking

**No. of Stories:** 7 Above Grade

2 Levels Below Grade Parking

**Delivery Method:** Design-Bid-Build

**Construction:** Oct 2007 - June 2009



## PROJECT TEAM

**Development Team:** Foulger-Pratt

**Architect:** DAVIS, CARTER, SCOTT

**Civil Engineer:** VIK A, Inc.

**Structural:** Cagley & Associates

**MEP:** Allen & Shariff Corporation

**Landscape Architect:** Studio 39

## STRUCTURAL SYSTEM

- Spread footings on soil with 3000-4000psi bearing capacity
- Post-Tensioned beams span building width
- 7" Thick post-tensioned slab
- Slab cantilevered over 12' at both building ends to provide seamless glass around building corners

## MECHANICAL SYSTEM

- Two Rooftop Air Handling Units supply 80,000 cubic feet of air per minute
- Rooftop cooling tower (484 GPM)
- Carbon Monoxide detectors and exhaust fans protect parking garage

## LIGHTING/ELECTRICAL

- Power supplied by two utility transformers
- Two 1600A bus duct risers
- Each floor served by 250A Panelboards
- Fluorescent lamps used throughout office
- Metal Halide fixtures in garage

