

# THE CROSSROADS AT WESTFIELDS

BUILDING II - CHANTILLY, VA



## GENERAL INFORMATION

- Size: 155,692 GSF
- Height: 5 stories; 73 ft tall
- Total Cost: \$14.5 Million
- Construction time: approximately 20 months
- Project Delivery Method: Design-Bid-Build
- Site feature: 2 identical office buildings, mirrored

## PROJECT TEAM

- Architect: Hickok Cole
- Developer/Owner: The Alter Group
- Civil Eng: Burgess & Niple
- Contractor: Davis Construction
- Structural: Structura
- MEP: KTA Group

## DESIGN FEATURES

### Architecture

- LEED certified - Gold
- Façade is a composite design consisting of:
  - precast concrete panels
  - composite metal panels
  - aluminum storefront system with punch windows
- Typical bay spans 42' column free
- Composite metal panel screen wall accentuates assymeterical roof line
- Roofing system consists of 4" rigid insulation and EDPM roof membrane

### Structural

- Foundation: 4" SOG with 6"x6" Wire Welded Mesh
- Frame: Steel frame with composite decking
- Floor system: 3 1/4" slab and 3" 20 gage composite deck (6 1/4" slab)
- Roof: K-series joists and 22 gage, wide rib decking (6 1/4" slab)

### HVAC

- Floor-by-Floor Self-Contained Units provide a maximum capacity
- (2) Energy Recovery Units with Energy wheel

### Electrical/Lighting

- Tele-Data Infrastructure
- 277/480 V, 3 phase Transformer on each floor
- 250 Kw Emergency generator
- Photocell panel controls exterior lighting



STRUCTURAL

STEPHEN LUMPP