

HITT CONTRACTING HEADQUARTERS

2900 Fairview Park Drive Falls Church, VA



Project Overview

Number of Stories -
3 above grade/4 total levels
Size - 135,000 Square Feet
Delivery Method - Design-Bid-Build
Cost - \$30 Million
Building Use - Office, Fitness Center,
Parking Garage, & Conference Space
Construction Dates -
Start - May 2008
Completion - September 2009

Project Team

Owner - HITT Contracting Fairfax, VA
CM - Urban, Ltd. Annandale, VA
Landscape Architect - Rhodeside & Harwell Inc. Alexandria, VA
Structural - Fernandez & Associates Structural Engineers, P.C. Falls Church, VA
MEP - KTA Group Herndon, VA
Architect - Noritake Associates Alexandria, VA



Mechanical

(7) VAV Roof Top Units with Heat Exchangers
providing 148,500 CFM
(3) Split-System AC Units supplement cooling
loads for the Café & Fitness Center
VAV Terminal boxes distribute air to space

Structural

Slab on grade foundation with footings
10" 2-way concrete slab for floors 1-3
Flat roof comprised of 10" 2-way concrete slab

Electrical

4000A 277/480v 3 phase 4 wire utility service
2-75kVA Transformers per floor (6 Total)
125kW 277/480v Stand-by Generator
277v T5 fluorescent lighting

Architectural

Precast concrete panel envelope with punched out glazing
Covered parking deck
Fitness center and cafe
Signature glazing spine divides building



Charles Haack

Mechanical Option

<http://www.engr.psu.edu/ae/thesis/portfolios/2009/cjh5004/>

