

CareFirst
BlueCross BlueShield



PROJECT TEAM

Owner: CFBC Properties, LLC
General Contractor: Carl Belt, Inc.
Architects: VOA Associates, Inc.
Civil Engineer: SPECS, Consulting Engineers & Surveyors
MEP Engineer: R.G. Vanderweil Engineers, LLP
Structural Engineer: Tadjer Coher Edelson Associates, Inc.

BUILDING INFORMATION

Building name: CareFirst Cumberland
Location: Cumberland, MD
Building occupant: CareFirst of Maryland
Occupancy types: Office
Size: 46,739 SF
Number of stories: 2 Floors above grade
Construction Date: March 2010
- May 2011

ARCHITECTURAL

- ⇒ Designed for the healthcare & insurance office building
- ⇒ Clay brick course with weep and masonry capstone selected by owner
- ⇒ Curtain walls 4 corners of building

MECHANICAL

- ⇒ Cooling Tower on grade level
- ⇒ 30 vertical geothermal wells and 14 future use wells for service mechanical units
- ⇒ 100% outside air roof top unit with ventilation rate of 9000 CFM
- ⇒ Individual Air conditioning unit to supply elevator machine, telecom, and computer room

STRUCTURAL

- ⇒ 4" Normal weight Slab on galvanized steel deck with minimum 3 spans
- ⇒ Typical 24KB Steel Joist and W27 girder supporting joist
- ⇒ Lateral Braced frames at enclosure staircases
- ⇒ Typical 6' x 6' Spread footing foundation
- ⇒ Roof deck 1.5" Galvanized steel deck over open web steel joist

ELECTRICAL

- ⇒ Main Switchboard rated at 1600 Amps
- ⇒ 80KW/100KVA Emergency Diesel Generator connected to fire pump controller, fire alarm system, and lighting for parking lot
- ⇒ Typical Lighting- 2x2 Recessed Fluorescent with T5HO lamp