

Suburban Community Wellness Center

Germantown, Maryland

Project Team

Owner: Suburban Hospital / HealthTrax Fitness
Architect: DNC Architects
Structural Engineer: Smislova, Kehnemul & Associates
MEP Engineers: Meta Engineers, PC
Civil Engineer: Macris, Hendricks, and Glascock, PA
Construction Manager: Davis Construction

Project Information

Overall Cost Estimate: \$7,600,000
Project Size: 58,200 Sq. Ft.
Project Delivery Method: Design-Bid-Build
Construction Dates: December 2001 - November 2002
Number of Stories: Two above grade

Architecture

- First Floor - HealthTrax Fitness Center which includes a lap swimming pool, basketball court, cardiovascular equipment room, free-weight room, as well as fitness center offices.
- Second Floor - Suburban Hospital Group which houses medical offices, an MRI room, X-Ray rooms and physical therapy suites.

Mechanical System

- A VAV system of 2 rooftop air handlers with supply conditioned air of 32,000 cfm and 33,000 cfm.
- A split system heat pump with a heat capacity of 29 MBH.
- Electric Heating which utilizes both horizontal and ceiling heating.
- A dehumidification unit supplies 10,500 cfm of conditioned air to the pool.

Structural System

- Structural steel skeleton supports upper floors.
- Continuous poured concrete footings at the perimeter.
- 1st floor slab on grade and 2nd floor metal decking with a 5" poured slab.

Lighting/Electrical System

- One 250 kVA 480/277v utility maintained transformer.
- 480/277v & 208Y/120v systems installed throughout.
- Emergency battery backup installed throughout.

