



Germantown Indoor Swim Center Germantown, Maryland

Project Team:

G.C. – Forrester Construction Company
Architect – Hughes Group Architects
MEP – Mendoza, Ribas, Farinas
Civil Engineer – Vika, Inc.
Landscape Architect – Lewis Scully
Gionet
Structural Engineer – Ehlert/Bryan Inc

General Project Info:

Construction Cost -- \$15,888,000
Building Size – 63,446 SF
Intended Use – Recreation and
Amusement
Delivery Method – Competitive Bid
Duration – 15 Month – May 24,2005 to
Aug. 16, 2005

Architectural Features:

Structural Steel Framing
Brick Veneer w/ Metal Wall Panels
8 Skylights
4 Pools – Competitive, Recreational,
Leisure, & Plunge

Structural:

CMU Backup Walls and Interior Partitions
Concrete Footings, Walls, Dive Tower, and
Spectator Seating

Electrical:

265/460V 3φ system 2500 amp

Interior Lighting:

Parabolic 2'x4' Fluorescent Troffers
4' Pendant Indirect/Direct
Fluorescent

Exterior Lighting:

High-Intensity-Discharge Fixtures

Mechanical:

7560 CFM Air Handling Unit
Boiler System and Chiller System
Sprinkled Building (Fire System)



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Construction Management
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<http://www.arche.psu.edu/thesis/2005/tjs250/>