Project Team
- Owner/Occupant: National Institutes of Health (NIH) - National Cancer Institute (NCI)
- Consulting Engineer (Structural): Rathgeber/Goss Associates
- Consulting Engineer (MEP): Affiliated Engineers, Inc.
- Environmental Consultant: Aerosol Monitoring & Analysis
- Audiovisual Consultant: JGB Engineers
- General Contractor: Whiting Turner
- CM: Smith Management Construction, Inc.

Architecture
- State-of-the-Art Research Laboratory
- 6 Stories above Grade & Basement
- 269,272 sf

Lighting & Electrical
- Underground Duct and Manhole System for Electrical Power
- 3 Main Buses: 4000A, 2500/3125 KVA, 13.8 KV (Primary), 480Y/277V (Secondary), 3 Phase, 4 Wire with 30 KVA Step Down Transformers to 208Y/120V
- 1640 KW Diesel Engine Emergency Generator
- Compact Fluorescent Lamps - 2700K with 10,000 hr Rated Life
- Emergency Battery Powered Compact Fluorescents

Mechanical
- Eight Packaged AHU’s Supply “Once Through” 100% OA Through a Zoned VAV System - Ranging from 18,900 L/s to 19,500 L/s
- One Packaged AHU Supplies Variable OA with Economizer
- One Packaged AHU Supplies CV Variable OA for Cooling
- Factory Assembled Draw-Thru Type Fan Coil Units
- Steam Provided from NIH Central Heating Plant in Building 11
- 3 Chilled Water Pumps with Water Provided from NIH Central

Chilled-Water Distribution System

Structural
- Steel Column Grid
- Pre-cast Concrete Panels (Facade)
- Pre-Tensioned Concrete Slabs
- Concrete Slab on Metal Roof Deck

Special Systems
- Compressed Air, Carbon Dioxide, Nitrogen and Vacuum Systems

Construction
- Dates of Construction: Nov. 1997 to to May 2005
- Total Construction Cost = $82.8 Million
- Delivery Method: Design-Bid-Build

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