



SOMERSET COUNTY, NEW JERSEY

PROJECT TEAM

- Owner: Sloan-Kettering Institute
- Architect: Ewing Cole
- Structural: Ewing Cole
- General Contractor: Barr & Barr Builders
- MEP: AKF Engineers



PROJECT OVERVIEW

- Four Stories Tall
- 85,000 square feet
- Overall Cost: \$41 Million
- Construction taking place from September 2004 to June 2006
- Project Delivery Method: Gross Maximum Price



ARCHITECTURAL

- Exterior articulates soft undulating curves with large glass windows
- Façade maintains a natural face, composed of brick and stone
- Interior comprised of dynamic hallways filled with natural light and breathtaking views of the surrounding wilderness

STRUCTURAL

- Braced steel framing above grade with a concrete foundation
- Masonry and glass curtain walls supported by structural framing
- Floors: 4 ½" concrete slab on galvanized composite metal decking
- Typical Bay Size: 30' x 30'

ELECTRICAL/ LIGHTING

- 15 kV power distribution to 15kV / 600A switch board
- Uses 480/277V system
- 1000kW/1250kVA emergency generator
- Interior uses incandescent, fluorescent, and day light

MECHANICAL

- Interior air-handling has VAV system on every floor
- Building perimeter uses continuous slot linear diffusers
- Two 250-ton chillers located on building's south side
- Air handling units located in basement and on roof



JEFF SUTTERLIN

STRUCTURAL OPTION