

## LIGHTING SYSTEMS

- Direct and Indirect lighting fixtures in public spaces
- Metal Halide lamps for exterior fixtures
- Lutron Graphic Eye Dimming System
- Timed Light Switches, automatic shut off
- Photoelectric control, monitors daylight to adjust light levels



## ELECTRICAL SYSTEMS

- 480/277 volt power for lighting systems
- Separate 480-208/120 volt systems for power and computers
- 480/277 volt diesel generator for emergency power
- Power fed from existing switch on existing 15 KV Switchgear
- Isolated Ground receptacles for Computer Loads

## School of Business and Public Management

## DESIGN TEAM

- Owner - George Washington University
- Architect - Smith Group
- MEP Engineer - Smith Group
- Structural Engineer - SK & A Engineers
- Construction Manager - Whiting Turner



## BUILDING STATISTICS

- Location - 2201 G Street Washington DC, 20052
- Number of Floors 6
- Square Feet 170,000 sq. ft.
- Start Construction January 2004
- End Construction December 2005
- Project Delivery Design - Bid - Build

## MECHANICAL SYSTEMS

- Primary cooling is provided by two 3 ton screw chillers located in the refrigeration plant on the pent-house
- Cross flow type cooling towers are provided to cool the condenser water
- Heating hot water is supplied to AHU preheat coils
- One central station air handling unit in each of the mechanical rooms on the floor to provide air distribution



## STRUCTURAL SYSTEMS

- Post-tensioned concrete slab with concrete column construction and pre-cast concrete panel exterior enclosure
- The roof has a composite aluminum cornice running around the top of the building
- The bottom levels are clad in stone to add diversity to the building.

## ARCHITECTURAL

New School of Business and Public Management was designed as a single, monumental, distinctive facility that would reflect the open nature of exchanging ideas.

- South East corner becomes a light pillar at night
- Student spaces include an auditorium, a café, a student lounge, a market lab, a classroom and a larger lobby area

