

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

George Washington University School of Business and Public Management

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



PROJECT TEAM

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

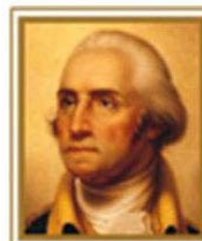


MECHANICAL SYSTEMS

- Primary cooling is provided by two 3 ton screw chillers located in the refrigeration plant on the penthouse
- 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.



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