

Mark W. Miller

Sibley Memorial Hospital - Grand Oaks
Washington, D.C.



PROJECT INFORMATION

Project Name: Sibley Memeorial Hospital - Grand Oaks Addition
Location: Washington, DC
Size: 60,881 SF New Construction Floor Area
6,883 SF Renovations To Existing Floor Area
Dates of Construction: \$17,000,000 Construction Cost, not including finishing cost

ELECTRICAL

- Main Distribution panel 480Y/277 volt, 3phase, 4 wire, 800a, Extended from existing switchboard
- Lighting and recptacles fed from dry type transformers and 208Y/120 volt panels
- Onsite diesel fired emergency generator rated at 150 kW

PRIMARY PROJECT TEAM

Architect: Wilmot/Sanz Architecture/Planning
General Contractor: Hitt Construction
Mep Engineers: Leach Wallace Associates
Structural Engineers: Smilslovia Kehnemui and Associates
Civil Engineerins: Cervantes and Associates, P.C.

LIGHTING

- 277V Metal halide in parking garage
- 120 V Compact Fluorescent downlights and wall sconces throughout most of building
- Decorative cove lighting in dining room, lobby, and corridors

ARCHITECTURE

- Georgian Style with a mixture of brick and stucco on floors 1-3, and prodominately stucco on the 4th floor
- Addition will connect at north east and north west pods of existing building at 2nd floor level
- Parking Garage at first floor of addition, with a facade to match that of entire building

MECHANICAL

- Main air distribution via four pipe fan coil units
- Chilled water provided by roof to hermetic helical rotary chiller
- Hot water provided by two steam fired hot water heaters
- 100% outside air provided by centralized energy

STRUCTURAL

- W14x68 columns on caisson pedestals
- 48x52 grade beams support the upper floors that have reinforced lightweight concrete on metal deck
- Roof structure comprised of W18x40s, supporting Built-up Single Ply Membrane roofing

Lighting/Electrical Option