

UPGRADE & CONSOLIDATE SECURITY SYSTEMS

Manhattan Psychiatric Center, Building 102

Owner: New York State Office of Mental Health

Contact: Mr. Paul Coons, (518) 473-5818

Budget: \$1.5 Million

Completed: 2008

Key Project Elements:

- ◆ Renovations to an existing structure
- ◆ CCTV Systems
- ◆ Access Control System including secure portals
- ◆ Multiple System Integration
- ◆ Identification Systems
- ◆ Mechanical, Electrical, Plumbing, and Fire Alarm Design



WARDS ISLAND, NY — As the firm responsible for developing statewide security standards for the New York State Office of Mental Health, Plumb Engineering, P.C. performs significant security renovation work at numerous OMH facilities throughout the state. This work is part of several ongoing term contracts through the NYS Office of General Services.

In order to adequately secure building 102 at Manhattan P.C., the building needed a new lobby to accommodate its expanded operations as well as to correct its malfunctioning door monitoring and CCTV systems. Plumb, as prime consultant, provided the design services to complete this important renovation.

Plumb first surveyed the existing conditions and developed a schematic design report of the projected changes. Following this, we fully designed a new safety office, support offices, and the lobby entrance.

The renovations have several important security features. The building now has extensive CCTV coverage and new lighting to monitor the entrances. The doors are secured by safety portals, access control card readers, and door monitoring controls. All of these systems are fully integrated with the rest of the facility's security system and the new safety office.

In addition, the design upgraded the magnetic door locking systems, the storehouse system, and the paging system.

The HVAC system includes new motors, ductwork, and a direct digital control system and monitoring.

The electrical system includes lighting, power receptacles, and new wiring, and the plumbing design provides new toilet room fixtures, flush valves, and piping. Fire alarm upgrades complete this secure renovation.



Above: Access Control & CCTV Monitoring

Below: Fire Alarm Improvements



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