

## CAMPUS & BUILDING SECURITY UPGRADES

### South Beach Psychiatric Center, Buildings 1, 4-9

Owner: New York State Office of Mental Health

Contact: Mr. Dave Beemer, (518) 473-1895

Budget: \$5.267 Million

Completed: 2006

#### Key Design Elements:

- ◆ Access & Egress Control
- ◆ CCTV Surveillance & Recording
- ◆ Compliance with OMH Standards
- ◆ Centralized Command Center
- ◆ Perimeter Security Fencing & Access Control
- ◆ Remote Monitoring
- ◆ Electronic Locking
- ◆ Architectural Renovations to Maximize Security
- ◆ Proximity, Fingerprint, & Smart Card Readers



STATEN ISLAND, NY — Plumb Engineering, P.C., as part of its term agreement with the New York State Office of Mental Health, was tasked with securing South Beach Psychiatric Center. Plumb's upgrades were designed to bring the facility into compliance with statewide OMH security standards.

As prime consultant, Plumb provided Engineering and Architectural services to reconfigure and renovate the Safety Office as well as provide a new main lobby entrance. This provides a secure campus entrance and a uniform means of both access and exit control.

In addition, the renovations standardize exit door monitoring, electronic locking, closed circuit television surveillance and recording, and overall safety and security in compliance with the OMH standards.

Plumb provided for equipment additions and replacements so that the new systems can utilize the OMH Standard GE/Casi Access Control/ Facility Monitoring System (AC/FMS) as the primary monitoring and control system.

The project scope included installing or upgrading local and remotely monitored door alarms, door status switches, electronic locking, and additional CCTV surveillance. The digital CCTV recording was improved in quality as well as through increased data storage capacity.

Proximity and fingerprint/smart card readers were installed at sensitive locations including fence lines, courtyards, and other areas needing increased security.

The entire campus is secured through a new, secure perimeter fence with turnstile portals to allow workers to access the campus from remote employee parking lots. The fence includes a pair of security kiosks for vehicles and pedestrians, again allowing further access and egress control.

The improvements at South Beach help ensure the safety of its occupants, workers, and the public. The South Beach staff has been trained to utilize the standardized equipment and protocols, and this standardization simplifies future safety improvements.



**\*\*\*This project was designed on a fast track basis as it was cited as a project of the highest priority. Plumb was commended by the OMH project manager for managing their 4 subs efficiently and accurately, keeping a tight control on the project budget by turning around a highly detailed program report/schematic design into final construction documents in only 11 months.**



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