

FACILITY SECURITY SYSTEMS DESIGN: NYPI Research Laboratory Bldgs. 4 & 5

Owner: New York State Office of General Services
Contact: Mr. Daniel Kessler, P.E. (518) 473-3944
Budget: \$2.5 Million
Completed: 2008 (est.)

Key Design Elements:

- ◆ Complete, integrated systems design
- ◆ Expanded Access Control
- ◆ CCTV Systems Upgrade
- ◆ Intercom Systems Expansion
- ◆ Parking Access Control
- ◆ Secure Architectural Renovation



Above: The main entrance lobby will be renovated to include secure portals

Below: Parking lot access will be further monitored and controlled for optimum safety.



NEW YORK, NY — Plumb Engineering, P.C. has been contracted by NYS OGS to investigate and upgrade the security systems at New York Psychiatric Institute (NYPI) buildings 4 and 5. The facility houses both patients as well as an animal research facility, so all security renovations must be accomplished with as little disruption as possible.

Plumb began the project with an initial evaluation and report and subsequently submitted revisions based upon statewide OMH security standards. The final designs fully address security concerns in multiple areas and include interior architectural renovations.

New pedestrian entrances for both buildings will include secure portals. In addition, the safety office in each building will be renovated, and the CCTV coverage will be expanded to include head end expansion.

Building No. 5 currently has some areas that are uncontrolled. Plumb's design expands access control to those areas and also expands both buildings' intercom systems. This expansion will include sub-systems.

Additionally, the renovations at NYPI will provide a new parking access control system. This will include vehicle loop detectors, CCTC camera coverage, stanchion-mounted intercom stations, card readers, roll-up gates, and vehicle arm barriers.

The renovations accompanying the security design are being designed to LEED standards.

