

BUILDING RENOVATIONS & SECURITY UPGRADES AT BRIDGEVIEW

Bldg. 203, St. Lawrence Psychiatric Center

Owner: New York State Office of Mental Health

Contact: Mr. Bill Stasack, (518) 474-8452

Budget: \$3.5 Million

Completed: 2006

Key Design Elements:

- ◆ Full Security Design for a Forensic Facility
- ◆ Access Control
- ◆ Facility Management System
- ◆ CCTV System
- ◆ Perimeter Fence with Shaker Detection & Razor Wire
- ◆ Mechanical, Electrical, Plumbing, Fire Alarm, & Fire Protection Design
- ◆ Full Integration of Security Systems



OGDENSBURG, NY — Plumb Engineering, P.C. was retained to provide design for important building and security renovations at St. Lawrence Psychiatric Center. This work was performed as part of its ongoing term contract with the New York State Office of Mental Health (OMH).

The Sexual Offender Treatment Program Facility at Bridgeview, Building 203 is an 80 Bed Forensic Facility with residential units and spaces for a work program, physical activities, dental care, and minor medical care units. The interior was fully renovated to provide a programmatically functional and secure space. In a later phase, a building addition will provide space for a 40-hour per week work program and gym space.

The exterior security is provided by a secure 2-fenced system with razor ribbon wire and a shaker detection system. The fence design includes a vehicle sallyport with a microwave detection system.

To secure the facility as a whole, an access control facility management system was installed. It integrates interior sallyports throughout the building, interior and exterior closed circuit television, shaker detection systems, and the microwave system. Finally, the building's regular and security staff were provided hands-on training to ensure the new systems are used effectively

All control systems were updated by installing the latest versions, and any acoustical ceilings in the residential areas were changed to sheetrock to provide added protection.

All Mechanical, Electrical, Plumbing, Fire Alarm, and Fire Protection Systems were altered to meet both the building spaces' new uses and the latest code requirements.

In the future, a new boiler plant and emergency generator will be added outside the secure fence, and renovations will provide adequate spaces designated for food services.



Above: The Security Office is able to monitor and control facility access

Right: The perimeter is secured by both security fencing and CCTV Monitoring



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