

FOOD SERVICE AND KITCHEN RENOVATIONS

Groveland Correctional Facility

Owner: New York State Department of Corrections

Contact: Mr. Rich Bodane, (518) 474-0290

Budget: \$2.4 Million

Completed: 2005

Key Design Elements:

- ◆ *Food Service Design*
- ◆ *Correctional Facility*
- ◆ *Phased Renovation*
- ◆ *Security During Renovation*
- ◆ *Electrical Design*
- ◆ *Lighting*
- ◆ *Mechanical and HVAC*
- ◆ *Plumbing*
- ◆ *Project Management*
- ◆ *Construction Administration*
- ◆ *Cost Estimating*



Above: Every major system was in need of updating.

SONYEA, NY — Plumb Engineering, P.C. was tasked with an important renovation to the food service and dining areas at Groveland Correctional Facility. Groveland is a medium security prison, and the project was driven by the need to replace and update deteriorating systems that could no longer appropriately serve the building's population.

One of Plumb's challenges was to complete the project in a way that allowed food service and dining to remain operational throughout the entire renovation. To accomplish this, Plumb implemented a five-phase plan. The plan included installing temporary barriers and sallyports for security as well as constructing temporary areas and trailers for the kitchen equipment.

Closing off the original kitchen area during the early phases allowed for the new kitchen to become operational during the latter phases of the project, allowing the facility to run smoothly. Dining areas were relocated as each section was systematically renovated.

The finished renovations not only include a fully upgraded kitchen and dining facility, but also a new cooler and freezer addition to the building and structural additions to the floor.

The electrical design fully coordinates with the kitchen equipment requirements and includes a full upgrade of the power feeders and building distribution. In addition, Plumb designed new lighting and extended the existing fire alarm system.

The building's mechanical systems were also fully upgraded. The system matches the increased ventilation and steam distribution requirements demanded by the new kitchen.

The plumbing design provides a new domestic hot water system for the main building and kitchen as well as adjacent buildings. The design also includes water, waste, and vents for the kitchen equipment and toilet rooms that fully comply with ADA.

Plumb provided construction services to ensure that the phasing and design elements were adhered to, resulting in successful transitions and installations.

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