

KITCHEN & DINING HALL RENOVATIONS

Green Haven Correctional Facility

Owner: New York State Department of Corrections

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

Budget: \$1.46 Million

Completed: 2008 (est.)

Key Design Elements:

- ◆ Full Renovation
- ◆ Kitchen and Dining Facilities
- ◆ Mechanical, Electrical, and Plumbing Systems Design
- ◆ Detailed Coordination of all Kitchen Equipment to ensure it will fit in the new spaces
- ◆ Reports, Construction Drawings, Technical Specifications, and Cost Estimates
- ◆ Construction Administration including Shop Drawings and Site Visits



Stormville, NY — Plumb Engineering, P.C. is providing mechanical, electrical, and plumbing design services as well as construction administration for the full renovation of an operating 40,000 square foot kitchen and dining hall facility at Green Haven Correctional Facility.

The project's scope involves installing temporary kitchen facilities in order to be able to fully renovate the existing kitchen. In addition, the kitchen's CCTV system was upgraded.

To allow the building to remain in full operation, the project has been carefully phased to cause as little disruption as possible. Because Green Haven is a maximum security institution, each phase also includes appropriate aspects of security design.


The electrical design includes a full upgrade to the building's existing power distribution system. In addition, Plumb designed new lighting and fully coordinated electrical services to meet the requirements of the new kitchen equipment. The existing fire alarm system was extended to meet all code requirements.

The mechanical design features a full building systems upgrade to match the increased ventilation and steam distribution requirements of the new kitchen equipment.

The plumbing design provides a new domestic hot water system and water, waste, and ventilation for the kitchen equipment. The toilet rooms were also renovated for handicap accessibility.



Above: All Electrical, Mechanical, and Plumbing Services will be upgraded to meet the requirements of the new kitchen and dining area.



Right: Careful Project Phasing will keep the maximum security facility safe and fully operational.



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