

Building Demolition & Structure Repairs

Youth Services Facility

HRP Associates, Inc. (HRP) prepared design plans for the selective demolition and repairs to a Department of Youth Services (DYS) complex. The plans included plan, structural views, and details for the removal of concrete, masonry, and metal structures.

The project was complicated by the selective demolition of a 40 foot high former chapel located over a maintenance garage that remained in place and in service. In addition, due to security requirements of the facility, plans had to incorporate measures to prevent residents from leaving the facility.

A key component of the design was the coordination of alternate heating and hot water for the facility as the gas line had to be disconnected throughout the demolition period. This required that the boilers and hot water heaters be temporarily converted to propane, and then reconverted back to natural gas at the conclusion of the project. In addition, the section over the maintenance garage had to have a new membrane roof installed, and the drainage from this roof had to be directed to parts of the property that could accept runoff. Masonry walls also needed to be repaired where interior sections of building had previously been. A new fire escape was added from a second floor that had an adjoining section of the building removed.

A State Building Permit was obtained for the demolition and repair work, along with a State Plumbing Permit for the aforementioned boiler work. A General Permit Application was prepared for stormwater controls put in place during construction.

Completion of this project allowed the construction of new dormitories and facilities for the youth services facility.

FIRM

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VALUE

\$1,000,000

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