

Design for Replace Boiler Building #64
VA New York Harbor Healthcare System
Jamaica, NY



Project Owner:
Department of
Veterans Affairs

Professional Services:
2017– On going

Construction:
TBD

Est. Construction Cost:
\$9.5 million

Design fee:
\$614,000



KEY ELEMENTS

- New steam boiler, deaerator, condensate system, pumps, and controls
- VA specs, drawings, and standards
- Asbestos remediation
- Cost estimating
- Phasing
- Existing condition investigations

SUMMARY DETAIL:

The project scope includes the removal and replacement of deaerator and condensate return tanks, removal and replacement of multiple pumps, including the concrete pads, removal and replacement of an existing boiler.

Architectural and Structural design is required for a permanent opening in the existing concrete roof deck to provide an access point for rigging the existing boiler out and the new boiler in. The work includes installing a structural steel frame to support both the perimeter of the new opening in the roof deck and the new structural steel frame for the new 18'x14' equipment hatch. The new equipment hatch will be used for future boiler replacement projects.

Patriot team, acting as subconsultant, leads the design for the installation of an additions roof drain to accommodate re-direction of drainage around new equipment hatch. PDC is also leading the development of technical drawings and specifications, and providing ICRA and Life Safety plans for the construction process.