



NYCHA Glenwood Houses Boiler Replacement

NYCHA has desired to use dual fuel burners instead of only gas burners already designed. Existing fuel oil tank shall remain active. Fuel oil pumps, oil lines inside and outside the boiler room, fuel oil monitoring system (if located on the existing boiler central control panel, it shall be relocated and rewired) shall remain active. If there is fuel oil heater, it shall be removed and piping modification required. Fuel oil piping insulation (if exist) shall be removed, fuel oil piping shall be painted. All fuel oil system controls related to burner shall be reinstalled, rewired and tested. Modify scope of work to reflect these changes.

AG's scope of work included mechanical, electrical, plumbing, structural and general design work. Mechanical Design (HVAC) of Fuel oil pump skid, Boiler Burners, Boiler Controls, Chimney Liner, Temporary boilers piping. Electrical drawings needed to be modified based on the new controls, as the new controls need to be powered. New oil pumps powered as per the load. A provision for a remote shut down of the oil pumps shown in case of emergency per code. Lighting for the oil tank room designed. Electrical specification modified based on the new drawings. Plumbing drawings updated to show the new drainage for the chimney liner such as floor drain and connecting to new drain system. Also updated the plumbing riser diagrams. Plumbing specifications updated based on the new drawings. Based on the new boiler size the structural drawings updated for the structural pads. A new pad was sized for the oil pump skid as per the mechanical drawings. Drawings notes, symbols, abbreviations: All the drawings Mechanical, electrical, structural drawings based on the new scope for the notes referring the oil piping, pumps etc. All energy code compliance drawings needed to comply with the intent of the Summary of Work and were modified.

Location:

Brooklyn, NY

Owner:

NYCHA

Services Provided:

Mechanical

Electrical

Plumbing

Structural



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