

Turner Building Science & Design, LLC

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SEABROOK TOWN OFFICE BOILER REPLACEMENT SCOPE OF WORK

Mechanical

- Remove existing boilers, pumps, air separator, expansion tank and chemical feed.
- Install two new boilers.
 - See equipment schedule included with bid package.
- Install two new circulator pumps.
 - Taco or equal (size to be determined at contractor walkthrough).
- Install new air separator.
 - Spirovent (connection size to be determined at contractor walkthrough).
- Install new expansion tank.
 - Amtrol SX-60V or equal. 32 gal. tank vol. 11.3 gal. acceptance vol.
- Install new chemical bypass feeder.
 - Neptune VTF-2HP or equal. 2 gal. capacity.
- Rework and/or replace hot water supply and return piping, makeup water piping and gas piping and all associated valves and accessories as needed to accommodate new boilers and equipment. Service the makeup water backflow preventer.
- Flush the piping system prior to operation of the new boilers.
- Provide all new combustion air and vent system.
- Upgrade or replace existing boiler and pump controls.
- Rework electrical systems to accommodate new boilers and pumps.