

CHARTWELL PHARMACEUTICAL

AHU-05 AND TEMPORARY CHILLER INSTALLATION

SCOPE NARRATIVE:

1. Install air handling unit AHU-05 and associated ductwork on existing Boiler Room roof.
2. Provide temporary chilled water and hot water distribution to the AHU-05. Chilled water and hot water piping installed within the Boiler Room is intended for permanent use.
3. Connect existing 100 Ton York chiller to temporary chilled water distribution and provide new temporary chilled water recirculation pump.
4. Provide new steam to hot water heat exchanger package skid with hot water distribution pumps. Extend new steam piping for existing steam header and connect new steam condensate piping to condensate return header.
5. Provide new expansion tank and air separators for chilled water and hot water distribution.
6. Provide new individual glycol feed systems for chilled water and hot water distribution system.
7. Provide new makeup water piping with secondary RPZ for both chilled water and hot water distribution system. Makeup water piping shall be connected to existing domestic water distribution.
8. Provide new lighting for the Boiler Room and equipment platform.
9. Install new electrical panel in the Boiler Room to feed the new mechanical units provided in the Boiler Room and Equipment Platform.
10. The new electrical panel is fed from existing switchboard MDP-2.
11. Provide power to the air handling unit AHU-05 installed on the roof.
12. Provide new fire alarm devices in the Boiler Room, Equipment Platform and Roof. Connect the new fire alarm devices to the existing fire alarm panel.