SECTION 23 22 23 – STEAM CONDENSATE PUMPS

PART 1: GENERAL

1.01

A. Condensate pumping units shall be Aurora Series 220 condensate pumping units; bronze fitted centrifugal pumps with stainless-steel shafts and Viton mechanical seals with 1750-rpm motors and cast-iron receivers. Units shall come pre-wired with mechanical alternator. Receiver shall have thermometer and sight glass. Receiver shall have a drain line to floor drain.

B. Arrange the inlet piping to the condensate receiver so Owner can dump condensate to floor drain before it ever enters the receiver.

C. Avoid the use of plug valves in condensate systems.

D. Avoid 2-1/2, 3-1/2 and 5-inch pipe in steam and condensate systems.

E. Use 316 SS tubing with Swagelok fittings between the discharge of all condensate pumps and the connection at the utility tunnel.

PART 2: PRODUCTS (NOT USED)

PART 3: EXECUTION (NOT USED)

END OF SECTION 23 22 23