

## CONDENSING BOILERS

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### 1. GENERAL

#### 1.1 Scope

- .1 Installation of City supplied condensing boilers B-1 and B-2, controls and trim.
- .2 Provide hot Water Connections and materials.
- .3 Provide fuel connections and all materials.
- .4 Provide electrical connections, Controls and Power.
- .5 Provide boiler intake and venting.

#### 1.2 Start-up

- .1 When boiler installation is complete, coordinate for the services of a factory trained representative to start up the boiler(s), test the efficiency and train the operators.

#### 1.3 Submittals

- .1 Submit intake and venting shop drawings indicating layout, capacity rating, physical dimensions, materials of construction, code compliance, etc.

### 2. PRODUCTS

#### 2.1 Boiler Air Intake and Venting

- .1 Provide each boiler with intake and vent.
- .2 The vent materials shall be manufactured prefabricated ULC listed vents of AL29-4C or 316L stainless steel.

### 3. EXECUTION

#### 3.1 Installation

- .1 Follow Manufacturers recommended installation guidelines.
- .2 The relief pressure of the PRV shall be set at 1034 kPa (150 psig).
- .3 The first three feet of venting must be accessible for visual inspection.
- .4 Provide a discharge pipe for the PRV and route pipe to nearest funnel floor drain. Discharge pipe cross-sectional area shall not be less than the area of the boiler PRV outlet.
- .5 Provide condensate drainage piping to neutralization tank.

**END OF SECTION**