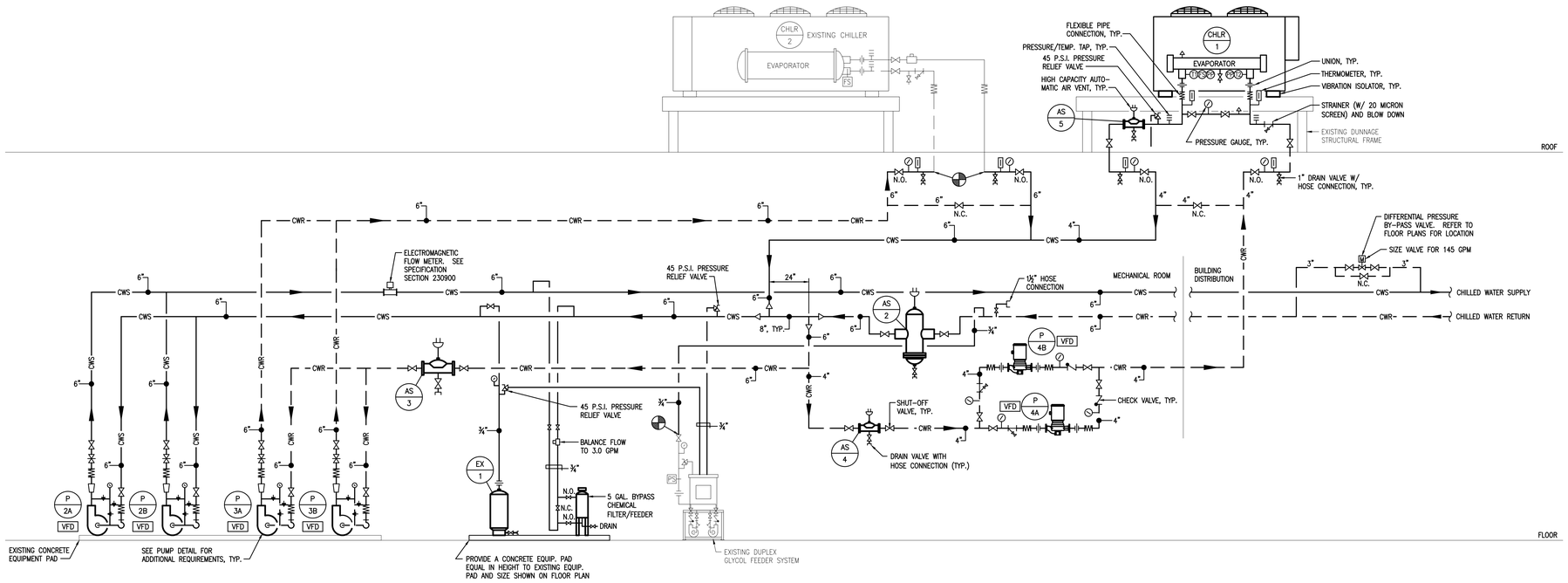


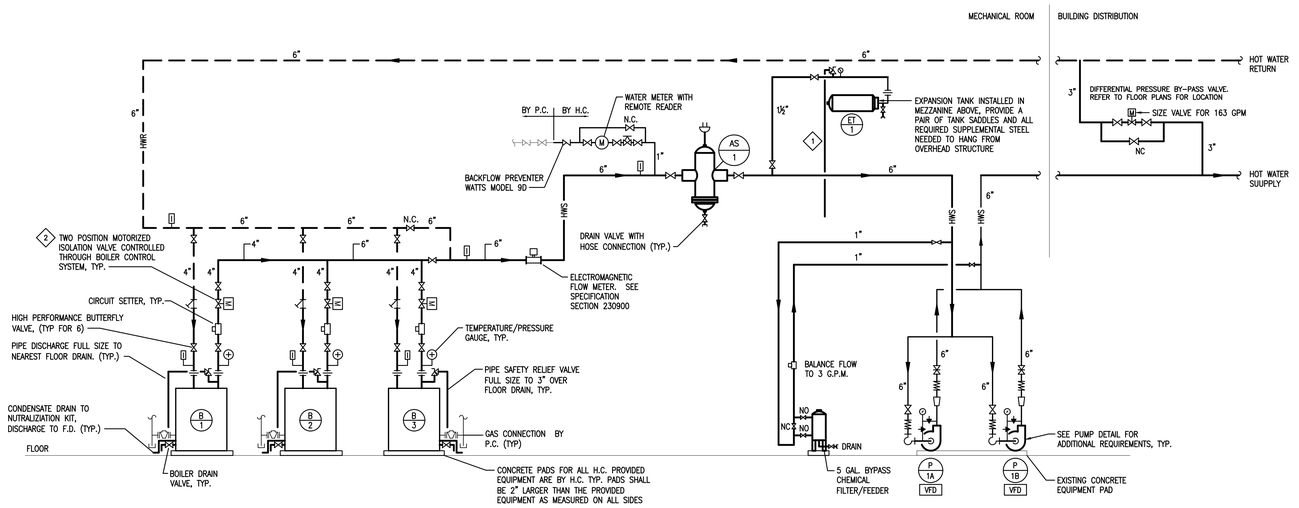
CHILLED WATER SYSTEM SCHEMATIC PIPING DIAGRAM

NO SCALE

CHILLED WATER SYSTEM:

1. REMOVE EXISTING DUAL TEMPERATURE SYSTEM FLUID IN ITS ENTIRETY INCLUDING CHEMICALS, ADDITIVES AND GLYCOL SOLUTION. CONTRACTOR TO DISPOSE OF SYSTEM FLUIDS IN ACCORDANCE WITH LOCAL AND EPA REQUIREMENTS. CONTRACTOR TO CONFIRM EXACT VOLUME.
2. CONTRACTOR TO PROVIDE SYSTEM PRESSURE TEST, FLUSHING, CLEANING, CHEMICAL TREATMENT AND FILL/PURGE THE ENTIRE LOOP SYSTEM WITH 30% (BY VOLUME) PROPYLENE GLYCOL.
   - 30% PROPYLENE GLYCOL PERFORMANCE: 10°F FREEZE PROTECTION, -20°F BURST PROTECTION.

③
- (T) LEAVING WATER THERMISTOR
- (T) ENTERING WATER THERMISTOR
- (FS) FLOW SENSOR
- (P) PIPE PLUG 1/4" NPT



HOT WATER SYSTEM SCHEMATIC PIPING DIAGRAM

NO SCALE

HEATING HOT WATER SYSTEM:

1. CONTRACTOR TO PROVIDE SYSTEM PRESSURE TEST, FLUSHING, CLEANING, CHEMICAL TREATMENT AND FILL/PURGE THE ENTIRE LOOP SYSTEM WITH STRAIGHT WATER.

KEYED DRAWING NOTES

1. PIPE RELIEF VALVE DISCHARGE, EXTENT FULL SIZE OF VALVE OUTLET TO NEAREST FLOOR DRAIN.
2. BOILER MOTOR OPERATED ISOLATION VALVES ARE TO BE FURNISHED BY THE ATC CONTRACTOR AND INSTALLED BY HVAC CONTRACTOR, (TYPICAL FOR EACH BOILER).
3. DEVICES PROVIDED BY CHILLER MANUFACTURER AND INSTALLED BY HVAC CONTRACTOR.

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HVAC SYSTEM PIPING SCHEMATICS

RENOVATIONS TO THE COCALICO MIDDLE SCHOOL
COCALICO SCHOOL DISTRICT
SOUTH 4TH STREET, DENVER BOROUGH, LANCASTER COUNTY PA

ALL DIMENSIONS and EXISTING CONDITIONS shall be CHECKED and VERIFIED by the CONTRACTOR at the SITE.

JOB NO.:	23001.00
DRAWN BY:	RLC
DATE:	04.12.24