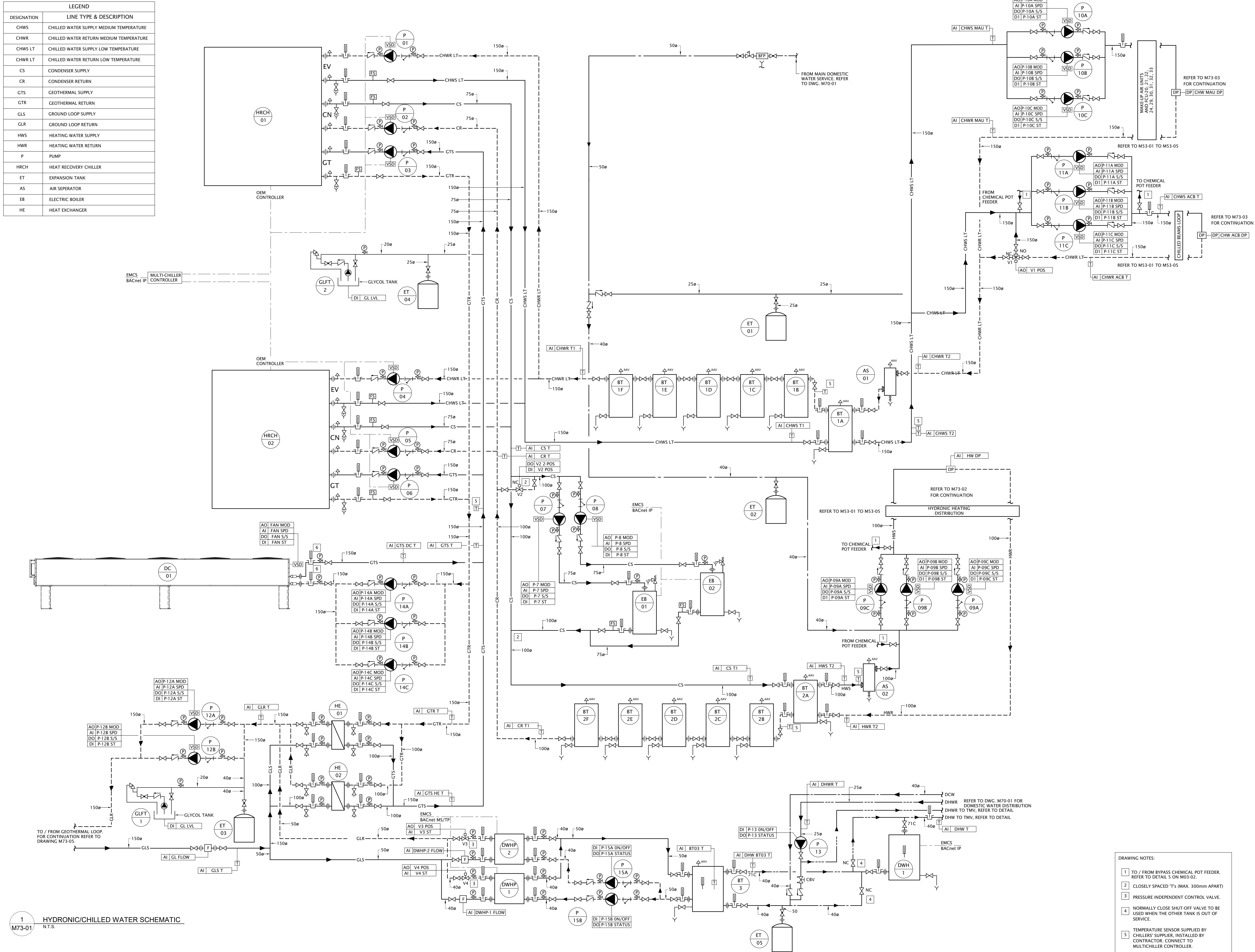
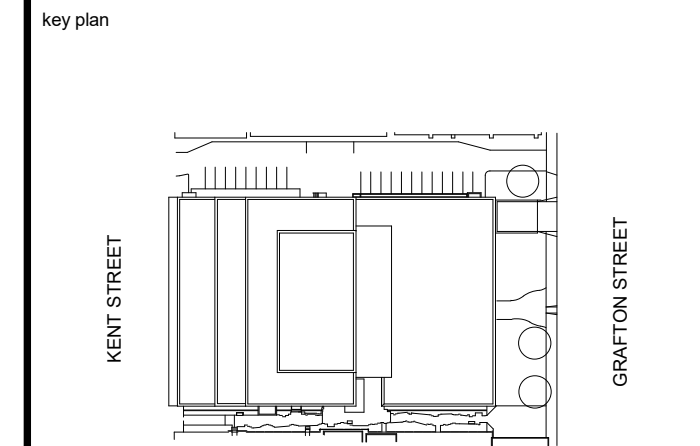


DESIGNATION	LINE TYPE & DESCRIPTION
CHWS	CHILLED WATER SUPPLY MEDIUM TEMPERATURE
CHWR	CHILLED WATER RETURN MEDIUM TEMPERATURE
CHWS LT	CHILLED WATER SUPPLY LOW TEMPERATURE
CHWR LT	CHILLED WATER RETURN LOW TEMPERATURE
CS	CONDENSER SUPPLY
CR	CONDENSER RETURN
GTS	GEOTHERMAL SUPPLY
GTR	GEOTHERMAL RETURN
GLS	GROUND LOOP SUPPLY
GLR	GROUND LOOP RETURN
HWS	HEATING WATER SUPPLY
HWR	HEATING WATER RETURN
P	PUMP
HRCH	HEAT RECOVERY CHILLER
ET	EXPANSION TANK
AS	AIR SEPERATOR
EB	ELECTRIC BOILER
HE	HEAT EXCHANGER



1 HYDRONIC/CHILLED WATER SCHEMATIC
M73-01 N.T.S.



project and true North

project legend

THE ASSOCIATION OF
PROFESSIONAL ENGINEERS
OF THE PROVINCE OF
PRINCE EDWARD ISLAND
VALID FOR THE YEAR 2022
P.N. Frasier
No. 2553
DATE: 27 MAY, 2022
LICENSED
PROFESSIONAL ENGINEER
PROVINCE OF
PRINCE EDWARD ISLAND

ISSUED FOR TENDER 2022-05-27

revisions
project DANIEL J MACDONALD
MODERNIZATION

161 GRAFTON STREET
CHARLOTTETOWN, PEI, C1A 1L1

HYDRONIC HEATING &
COOLING SCHEMATIC

designed NORR
date 2020-8-31
drawn NORR
date 2020-8-31
approved NORR
date 2022-05-27
Tender PWGSC Project Manager Administrateur de projets TPSC
project number no. du projet
drawing no. no. du dessin
M73-01

- DRAWING NOTES:
- TO / FROM BYPASS CHEMICAL POT FEEDER. REFER TO DETAIL 5 ON M03-02.
 - CLOSELY SPACED T'S (MAX. 300mm APART)
 - PRESSURE INDEPENDENT CONTROL VALVE.
 - NORMALLY CLOSE SHUT-OFF VALVE TO BE USED WHEN THE OTHER TANK IS OUT OF SERVICE.
 - TEMPERATURE SENSOR SUPPLIED BY CHILLERS' SUPPLIER, INSTALLED BY CONTRACTOR. CONNECT TO MULTICHILLER CONTROLLER.
 - LOCATE THERMOMETERS INSIDE THE PENTHOUSE.