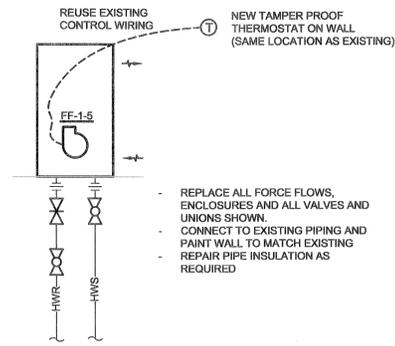


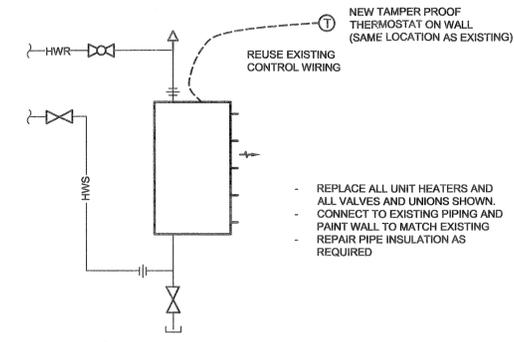
1 HYDRONIC RADIATOR SCHEMATIC (TYP.)
SCALE: N.T.S.

- REPLACE ALL WALL FINS, ENCLOSURES AND ALL VALVES AND UNIONS SHOWN.
- CONNECT TO EXISTING PIPING AND PAINT WALL TO MATCH EXISTING
- REPAIR PIPE INSULATION AS REQUIRED



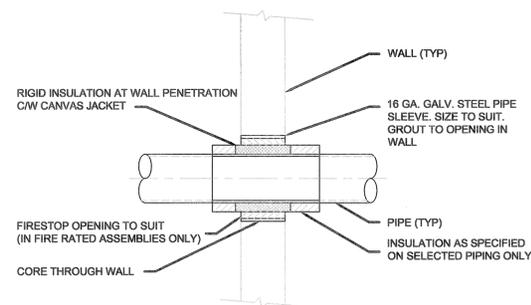
2 CABINET FORCE FLOW SCHEMATIC
SCALE: N.T.S.

- REPLACE ALL FORCE FLOWS, ENCLOSURES AND ALL VALVES AND UNIONS SHOWN.
- CONNECT TO EXISTING PIPING AND PAINT WALL TO MATCH EXISTING
- REPAIR PIPE INSULATION AS REQUIRED

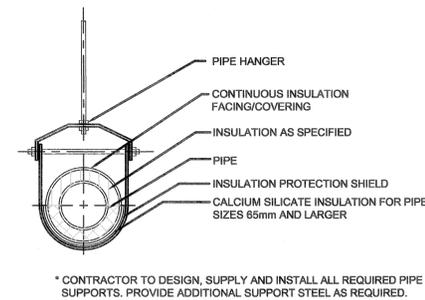


3 UNIT HEATER SCHEMATIC
SCALE: N.T.S.

- REPLACE ALL UNIT HEATERS AND ALL VALVES AND UNIONS SHOWN.
- CONNECT TO EXISTING PIPING AND PAINT WALL TO MATCH EXISTING
- REPAIR PIPE INSULATION AS REQUIRED

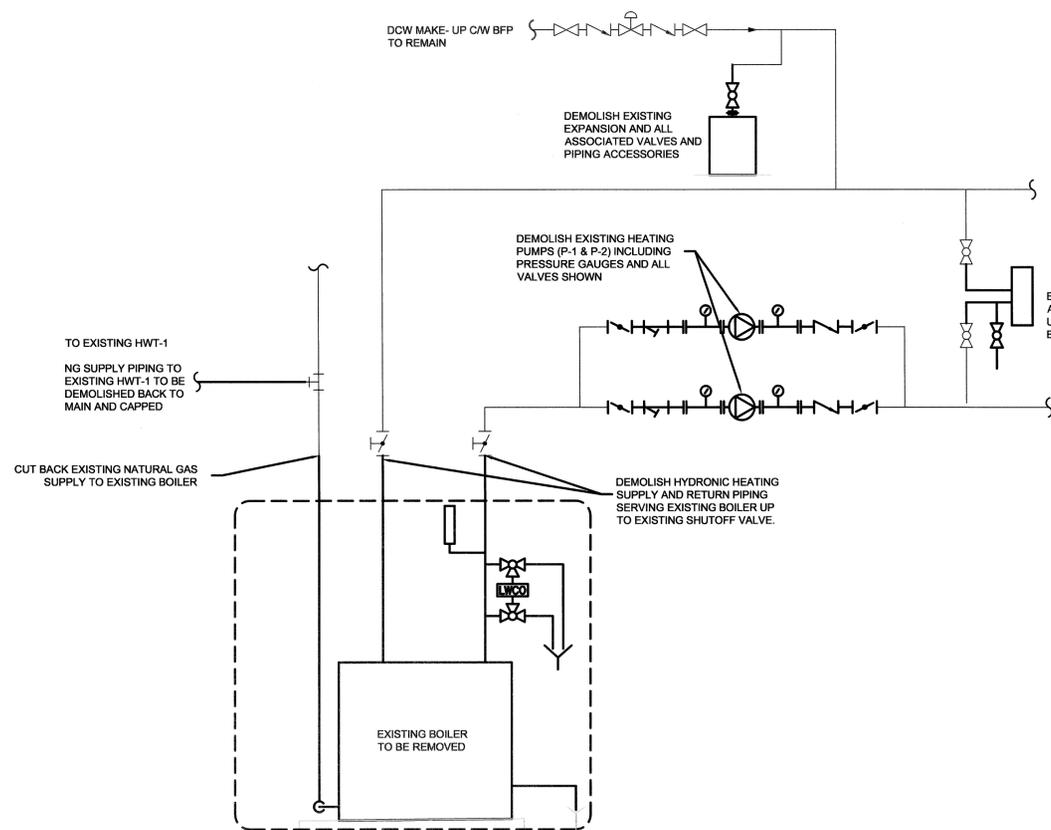


4 PIPE WALL PENETRATION DETAIL (TYP.)
SCALE: N.T.S.

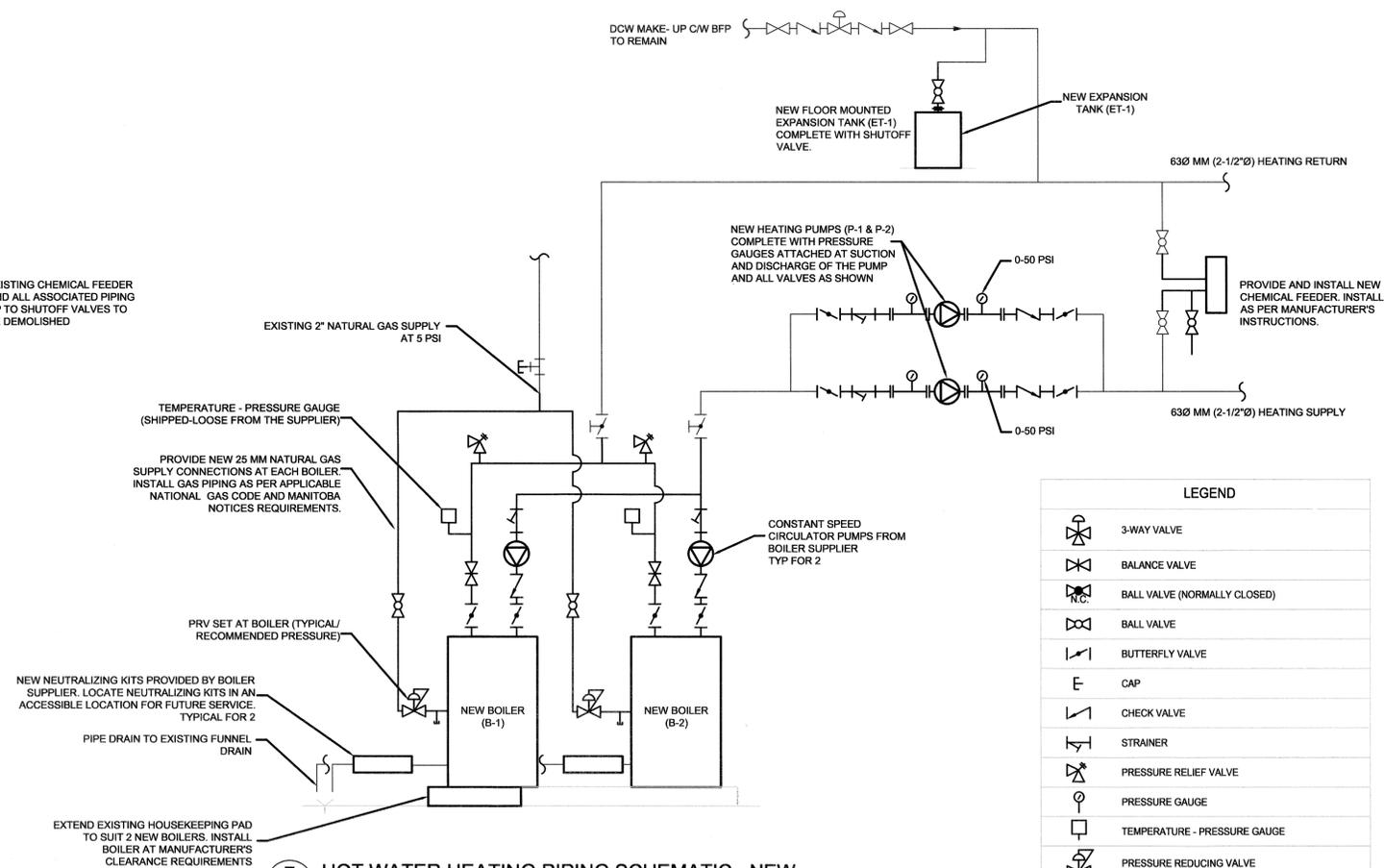


5 INSULATION/PIPE HANGER DETAIL (TYP.)
SCALE: N.T.S.

* CONTRACTOR TO DESIGN, SUPPLY AND INSTALL ALL REQUIRED PIPE SUPPORTS. PROVIDE ADDITIONAL SUPPORT STEEL AS REQUIRED.



6 HOT WATER HEATING PIPING SCHEMATIC - DEMOLITION
SCALE: N.T.S.



7 HOT WATER HEATING PIPING SCHEMATIC - NEW
SCALE: N.T.S.

LEGEND	
	3-WAY VALVE
	BALANCE VALVE
	BALL VALVE (NORMALLY CLOSED)
	BALL VALVE
	BUTTERFLY VALVE
	CAP
	CHECK VALVE
	STRAINER
	PRESSURE RELIEF VALVE
	PRESSURE GAUGE
	TEMPERATURE - PRESSURE GAUGE
	PRESSURE REDUCING VALVE
	DIRT TRAP



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MANITOBA
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KGS Group
No. 245

KGS GROUP

Revision	Description	Date
1	Issued for Construction	2020/06/23
0	Issued for Tender	2020/03/23

DFO CENTRAL AND ARCTIC REGION

CANADIAN COAST GUARD BASE

SELKIRK, MANITOBA

HVAC REFURBISHMENT

Designed by: MJ Conçu par

Drawn by: MJ Dessiné par

Approved by: Aldin Jansen Approuvé par

DFO Project Manager / Administrateur de Projets MPO

Drawing title: MECHANICAL Titre du dessin

PIPING SCHEMATIC AND DETAILS

Project no./No. du projet: M04
Drawing no./No. du dessin: 1
Revision no.: OF 7