

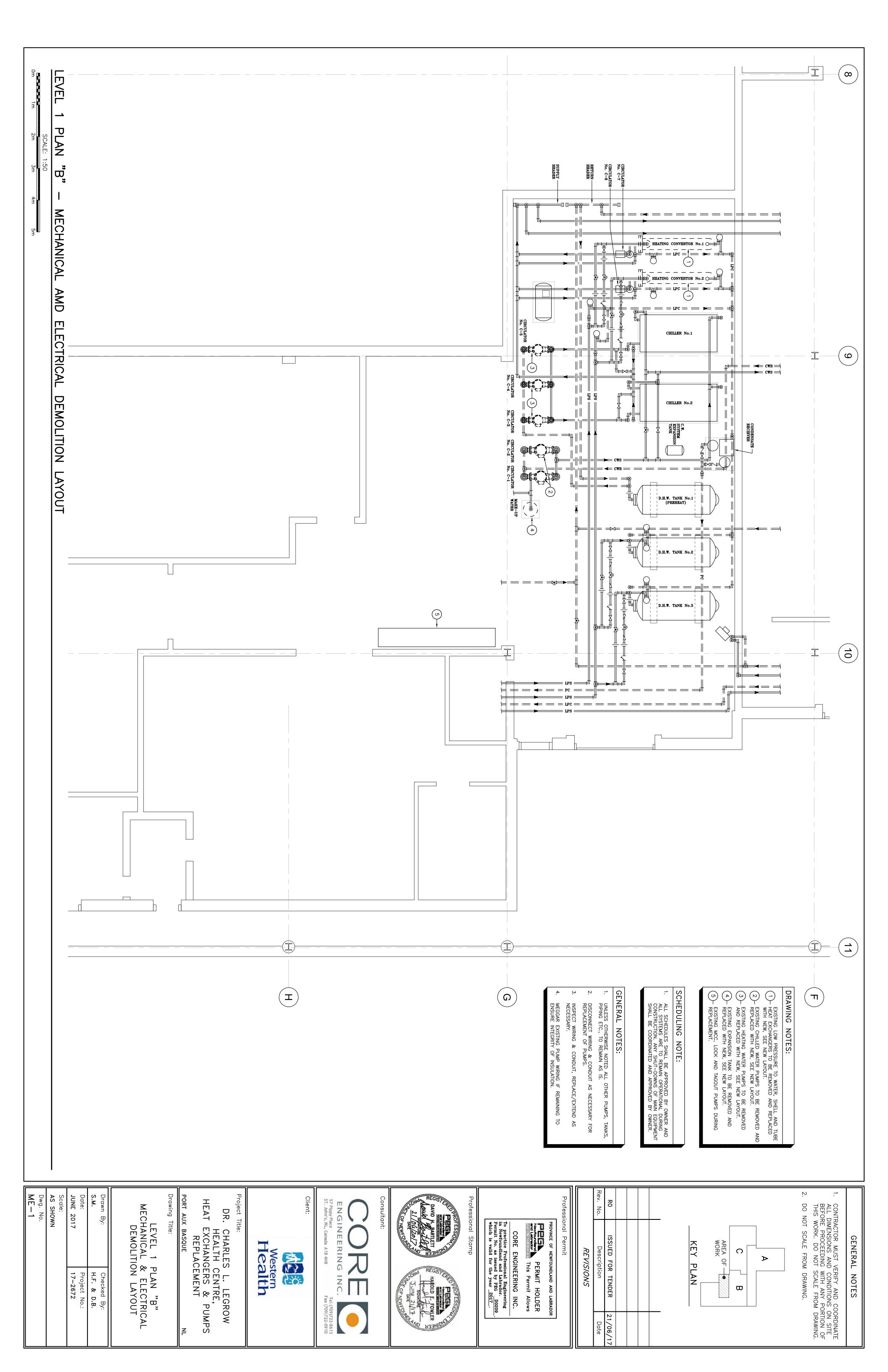
ORT NGERS & PUMPS REPLACE LEGROW HEALTH BASQUE, Z

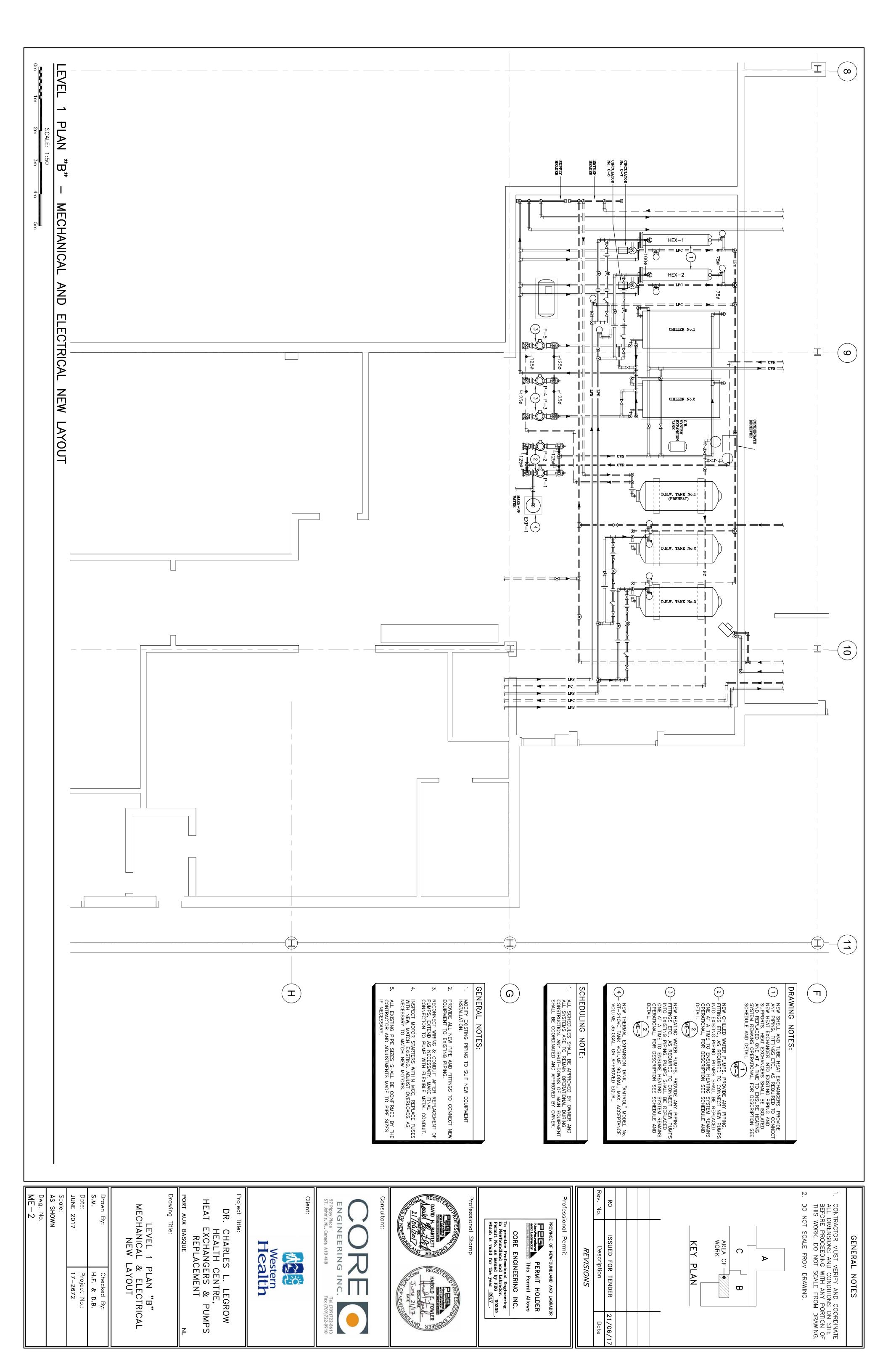


LIST DRAWINGS

ME-2 LEVEL 1 PLAN "B" - MECHANICAL AND LEVEL 1 PLAN "B" - MECHANICAL AND ELECTRICAL ELECTRICAL **TRICAL DEMOLITION LAYOUT NEW LAYOUT**

MECHANICAL SCHEDULES, DETAILS **LEGEI**





MECHANICAL LEGEND

CWS ===== EXISTING LOW PRESSURE CONDENSATE PIPING
EXISTING LOW PRESSURE STEAM PIPING
EXISTING PUMPED CONDENSATE PIPING
EXISTING CHILLED WATER SUPPLY PIPING
EXISTING CHILLED WATER RETURN PIPING

HEX-1

TAG

HEX-2 MANUFACTURER ARMSTRONG ARMSTRONG WS-147-2-1 WS-147-2-1 MODEL CAPACITY (KW) 586 586 STEAM FLUID FLOW (KG/HR) 938 938 STEAM °C SHELL 103.9 103.9 OPERATING PRESS(kPa) AND 13.8 DESIGN PRESS(kPa) 1034 1034 TUBE WATER WATER FLUID FLOW (L/S) EWT *C LWT *C DROP (kPa) PRESS(kPa) OF PASSES HEAT 3.6 **EXCHANGER** 42.8 82.2 42.8 82.2 103 103 **SCHEDULE** 862 MAX ASSEMBLY LENGTH (M) 2.33 2.33 PLAIN STEEL COPPER TO BE SUPLIED WITH HOLD DOWN CLAMPS AND BOLTS PLAIN STEEL COPPER DOWN CLAMPS AND BOLTS SHELL MATERIAL TUBE MATERIAL REMARKS

CONTRACTOR MUST VERIFY AND COORDINATE ALL DIMENSIONS AND CONDITIONS ON SITE BEFORE PROCEEDING WITH ANY PORTION OF THIS WORK. DO NOT SCALE FROM DRAWING.

DO NOT SCALE FROM DRAWING.

AREA OF WORK

1

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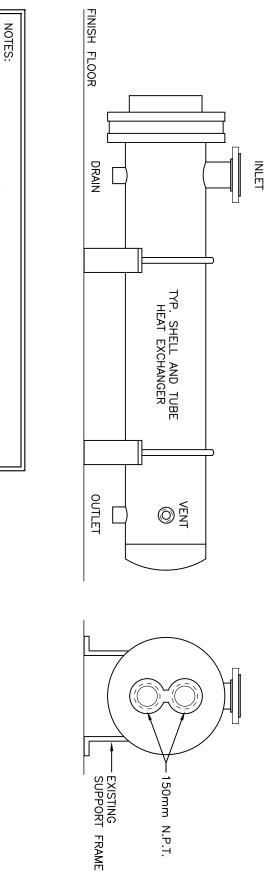
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KEY PLAN

GENERAL NOTES

NOTES: 1. EXCHANGERS TO BE SUPPLIED WITH SHELL DRAIN CONNECTION AND 25mm DIA. 2. EXCHANGERS TO BE ASME CONSTRUCTION WITH NL CRN. NPT TOP RELIEF VALVE CONNECTION. 3. NON-ASBESTOS GASKETS.
TUBE BUNDLES TO BE COPPER. 5. SHELL INLET 8"ANSI RF, 2.5" NPT F TUBE AND 6"NPT F

								PU	PUMP SCHEDULE	HEDU	JE					
740	CEBVICE		1005		JAAL	5175			DIFF.	FLOW RATE	DBN	MOTOR	ELECTRICAL DATA	RICAL	DATA	DEMADKS
Ā	SEKALCE	MARKET	MODEL	רכוני	117	3710	רורב טובב	- MT-	HEAD (kPa)	(L/s)	3	(kW)	VOLT	РН	ОХО	Z C M Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z Z
P-1	CHILLED WATER SYS	ARMSTRONG	4380	WATER	VERTICAL IN-LINE	3x3x8	75mm	7.61	149.5	17.17	1765	5.6	208	3	60	MOTOR SHALL BE INVERTOR DUTY
P-2	CHILLED WATER SYS	ARMSTRONG	4380	WATER	VERTICAL IN-LINE	3x3x8	75mm	7.61	149.5	17.17	1765	5.6	208	3	60	MOTOR SHALL BE INVERTOR DUTY
P-3	HEATING WATER SYS	ARMSTRONG	4380	WATER	VERTICAL IN-LINE	2x2x8	50mm	7.86	164.5	8.83	1765	3.73	208	3	60	MOTOR SHALL BE INVERTOR DUTY
P-4	HEATING WATER SYS	ARMSTRONG	4380	WATER	VERTICAL IN-LINE	2×2×8	50mm	7.86	164.5	8.83	1765	3.73	208	3	60	MOTOR SHALL BE INVERTOR DUTY
P-5	HEATING WATER SYS	ARMSTRONG	4380	WATER	VERTICAL IN-LINE	2×2×8	50mm	7.86	164.5	8.83	1765	3.73	208	3	60	MOTOR SHALL BE INVERTOR DUTY
NOTE: 1. ALL PL 2. ALL VE	NOTE: 1. ALL PUMPS TO BE SUPPLIED WITH INVERTER DUTY MOTORS(TEFC) 2. ALL VERTICAL INLINE PUMPS TO BE SUPPLIED WITH PUMP BASE SUPPORTS, SUCTION STRAINER/	WITH INVERTER C	NTY MO	TORS(TEF	·C) E SUPPORTS, SUCTION	N STRAI	NER/DIFFUSE	R(PIPE LINE	DIFFUSER(PIPE LINE SIZE) AND COMB. DISCHARGE VALVE(PIPE LINE SIZE)	COMB. DISCHA	ARGE VA	TAE(blbE	LINE S	IZE)		



Professional Permit

RO

ISSUED FOR TENDER

Description

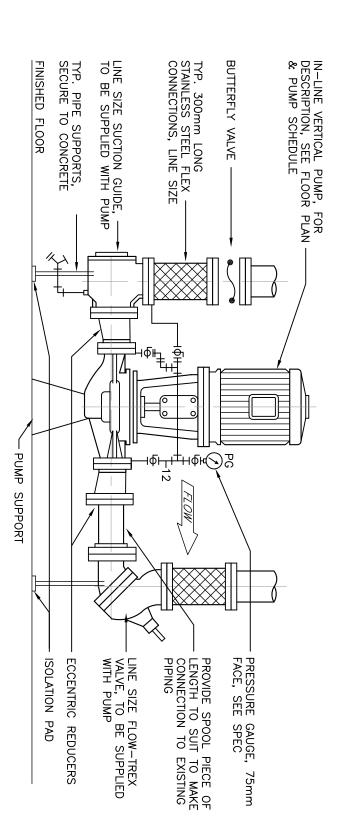
21/06/17 Date

REVISIONS

NOTES:
1. CONFIRM COMPONENTS/ARRANGEMENT WITH APPROVED SHOP DRAWING.

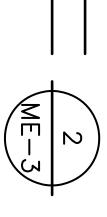
TP. SHELL 80 TUBE **EXCHANGER** SUPPORT



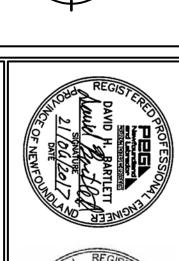


NOTES: 1. UNLESS APPROVED BY THE ENGINEER, ALL BASE MOUNT CIRCULATORS TO HAVE SAME COMPONENTS/ARRANGEMENT. 2. ALL PIPING, FITTINGS, VALVES, INCLUDING PUMP BODY TO BE INSULATED.

PIPING SCALE: N.T.S. ₹ F. VERTICAL DETAIL IN-LINE PUMP **ASSEMBLY**



Drawing Title:



Professional Stamp

Newfoundland PERMIT HOLDER and Lebrador This Permit Allows

SE OF NEWFOUNDLAND AND LABRADOR













Western	P
Health	PO

Client:

Western	₹
Health	1 8
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PORT AUX BASQUE	DR. CH HE HEAT EX	Project Title:
SQUE	CHARLES L. LEGROW HEALTH CENTRE, EXCHANGERS & PUM REPLACEMENT	
Z	LEGROW TRE, & PUMPS NT	

DETAILS &	MECHANICAL
c LEGEND	SCHEDULES,

DETAILS O	
Drawn By:	Checked By:
S.M.	H.F. & D.B.
Date:	Project No.:
JUNE 2017	17-2672
Scale:	

Dwg. No. ME-3

AS SHOWN