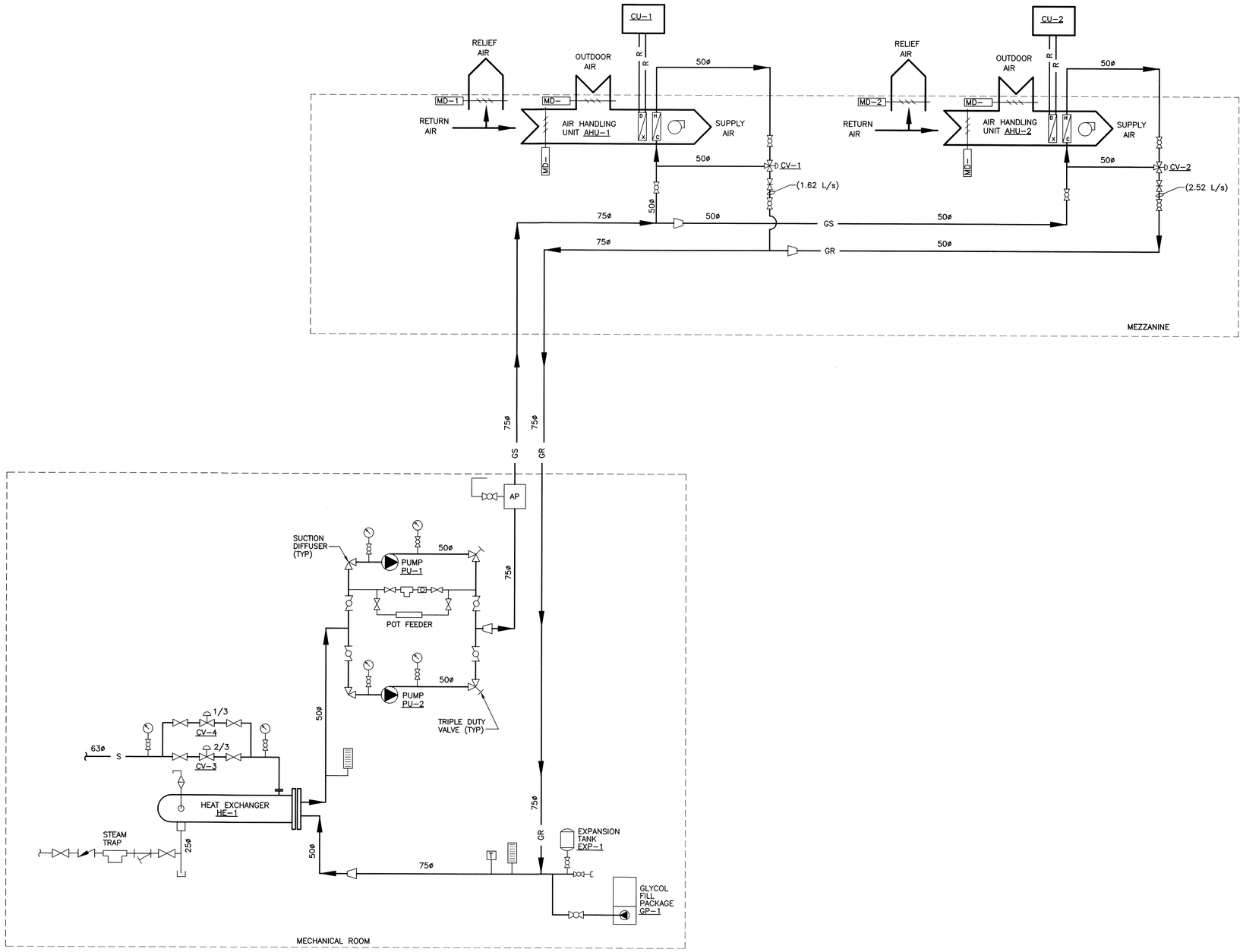

LEGEND:

HE	HEAT EXCHANGER
EXP	EXPANSION TANK
GS	GLYCOL SUPPLY
GR	GLYCOL RETURN
S	STEAM
C	CONDENSATE
T	TEMPERATURE SENSOR
M	MOTORIZED DAMPER
AP	AIR PURGER C/W AIR VENT
FS	FLOW SWITCH
PT	PRESSURE TEMPERATURE INDICATOR
	CIRCULATING PUMP
	PRESSURE GAUGE c/w BALL VALVE
	THERMOMETER
	CONTROL VALVE MODULATING
	3-WAY MIXING VALVE (SIZE AS PER CONTROLS CONTRACTOR)
	GATE VALVE
	BALL VALVE
	BUTTERFLY VALVE
	CHECK VALVE
	CIRCUIT SETTER
	REDUCER
	STRAINER
	TRIPLE DUTY VALVE c/w CHECK VALVE
	SUCTION DIFFUSER c/w STRAINER
	PRESSURE RELIEF VALVE SIZED TO DEPARTMENT OF LABOUR REQUIREMENTS
	AIR VENT/VACUUM BREAKER
	FLOW INDICATOR
	FILTER

KGS FILE NO.: P:\PROJECTS\2008\08-0107-09\DWG\MECH\08-0107-09-P1-M07.dwg
PLOT SCALE: 1:1 (IMPERIAL)

APEGM Certificate of Authorization
KGS Group
No. 245 Date: 10/01/28

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	10/01/28	

B.M. .
ELEV. .

KGS GROUP — CONSULTING ENGINEERS & PROJECT MANAGERS
WINNIPEG (204) 896-1209
THUNDER BAY (807) 345-2233

DESIGNED BY	PSS	CHECKED BY	
DRAWN BY	VJH	APPROVED BY	
HOR. SCALE:	N.T.S.	RELEASED FOR CONSTRUCTION:	
VERTICAL:	.	DATE	
DATE	.		

ENGINEER'S SEAL
PROVINCE OF MANITOBA — P.S. SILVA — Member 21131 — REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
P1-M07

Winnipeg
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

PROJECT TITLE
FORT ROUGE LEISURE CENTRE
HVAC UPGRADES - PHASE 1

PIPING SCHEMATIC

SHEET 001 OF 001
COMPUTER FILE NAME 08-0107-09-P1-M07
CITY DRAWING NUMBER