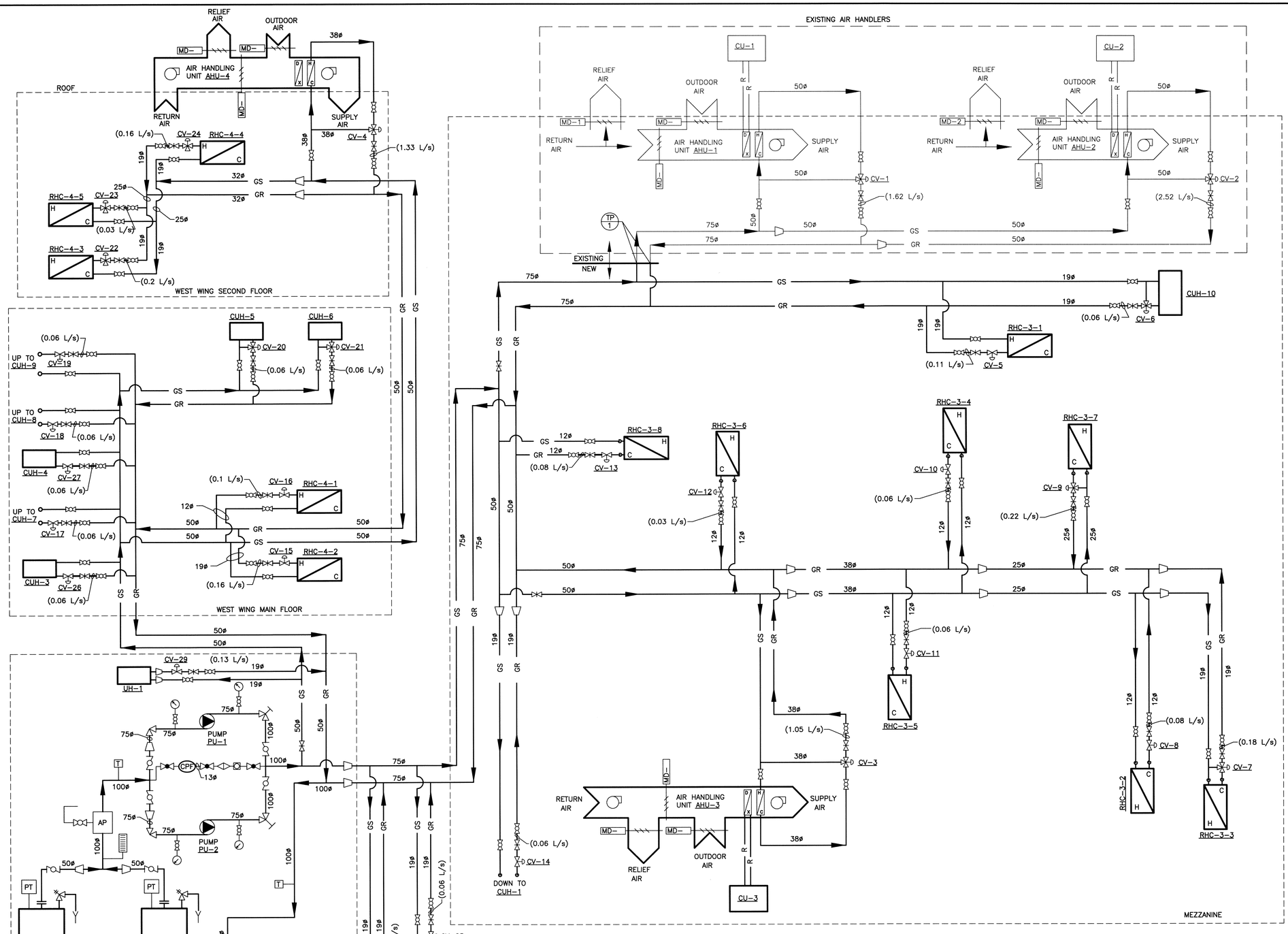

LEGEND:

HC	HEATING COIL
UH-	UNIT HEATER
GS	GLYCOL SUPPLY
GR	GLYCOL RETURN
CUH-	CABINET UNIT HEATER
RHC-	REHEAT COIL
CU-	CONDENSING UNIT
T	TEMPERATURE SENSOR
MD-	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
R	REFRIGERANT PIPING
	DRAIN
	TRIPLE DUTY VALVE c/w CHECK VALVE
	SUCTION DIFFUSER c/w STRAINER
	PRESSURE RELIEF VALVE SIZED TO DEPARTMENT OF LABOUR REQUIREMENTS
	FLOW INDICATOR
	FILTER
TP 1	TIE IN POINT
CPF	CHEMICAL POT FEEDER

KGS FILE NO.: P:\PROJECTS\2011\11-0107-02\DWG\MECH\11-0107-02_M9.dwg

B.M. .
ELEV. .

NO.	REVISIONS	DATE	BY
1	RE-ISSUED FOR TENDER	13/03/08	PSS
0	ISSUED FOR TENDER	12/03/27	PSS

APEGM
Certificate of Authorization
KGS Group
No. 245

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

DESIGNED BY PSS	CHECKED BY RED
DRAWN BY VJH	APPROVED BY
HOR. SCALE: AS SHOWN VERTICAL: .	RELEASED FOR CONSTRUCTION:
DATE .	DATE

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

CONSULTANT DRAWING NO.
P2-M09

Winnipeg
THE CITY OF WINNIPEG
PLANNING, PROPERTY AND DEVELOPMENT DEPARTMENT

PROJECT TITLE
FORT ROUGE LEISURE CENTRE
HVAC UPGRADE - PHASE 2
BID OPPORTUNITY NO. 190-2013

HYDRONIC HEATING
PIPING SCHEMATIC

SHEET	OF
001	001

COMPUTER FILE NAME
11-0107-02-P2-M09

CITY DRAWING NUMBER