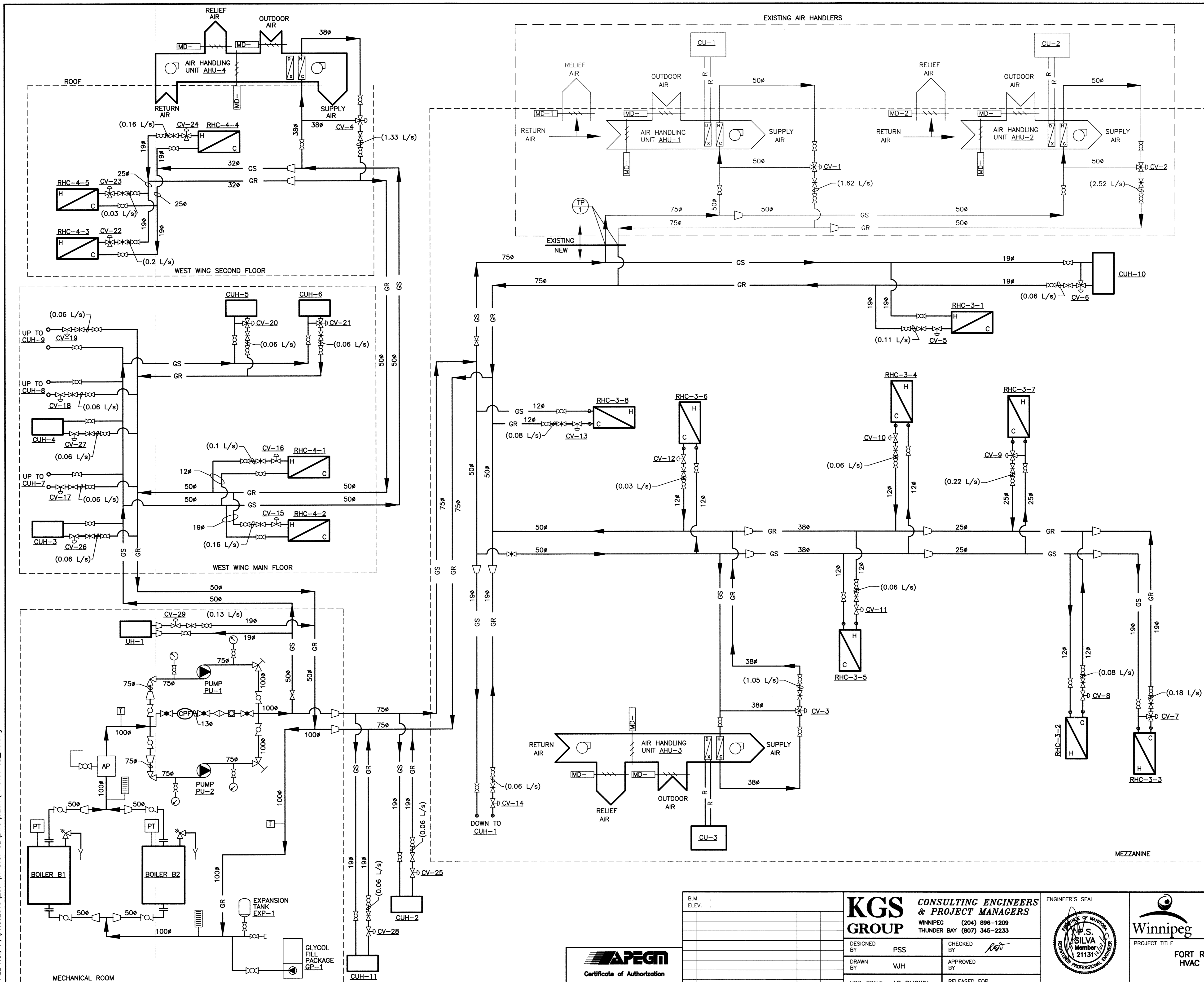


KGS FILE NO.: P:\PROJECTS\2011\11-0107-02\DWG\MECH\11-0107-02\_M9.dwg



- LEGEND:**
- HC HEATING COIL
  - UH UNIT HEATER
  - GS GLYCOL SUPPLY
  - GR GLYCOL RETURN
  - CUH- CABINET UNIT HEATER
  - RHC- REHEAT COIL
  - CU- CONDENSING UNIT
  - TP 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 TIE IN POINT
  - CPF CHEMICAL POT FEEDER



|               |                            |
|---------------|----------------------------|
| B.M. ELEV.    |                            |
| DESIGNED BY   | PSS                        |
| DRAWN BY      | VJH                        |
| HOR. SCALE:   | AS SHOWN                   |
| VERTICAL:     |                            |
| NO. REVISIONS | DATE BY DATE               |
| 0             | ISSUED FOR TENDER 12/03/27 |

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

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

ENGINEER'S SEAL  
  
 CONSULTANT DRAWING NO. P2-M09

**THE CITY OF WINNIPEG**  
**PUBLIC WORKS DEPARTMENT**

PROJECT TITLE  
**FORT ROUGE LEISURE CENTRE**  
**HVAC UPGRADE - PHASE 2**

SHEET OF  
**001 001**

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

CITY DRAWING NUMBER

**HYDRONIC HEATING PIPING SCHEMATIC**