

**GENERAL NOTES** 

INSTALLATION.

AIR DUCTWORK.

PENETRATIONS.

OUTSIDE.

COORDINATE WITH OTHER TRADES.

. INSTALL ONE O/A TEMPERATURE SENSOR ON NORTH WALL.

. INSTALL FIRE EXTINGUISHERS IN ACCORDANCE WITH NFPA 10- STANDARD

12. ALL SANITARY PIPE GREATER THAN 750 @1% SLOPE. UNLESS SPECIFIED.

13. ALL SANITARY PIPE EQUAL OR SMALLER THAN 750 @2% SLOPE. UNLESS

CONNECT EXHAUST TO BURIED VENT PIPING LEADING TO OXIDIZER. SEE

DUCTWORK RISER TO EXTEND TO ROOF LEVEL. SEE DRAWING MOOO4 FOR

PROVIDE MANUALLY-OPERATED DAMPER TO BE CLOSED WHEN SERVICING EXHAUST FAN. WELD 15x15 WIRE MESH AT END OF DUCT INSIDE HOLDING

PROVIDE FLUSHING PIPE FOR HOLDING TANK. SEE DRAWING 7/M0005-01

LOCATE HRV-1 CONTROL PANEL AT TOP LEVEL OF STAIRCASE, INSIDE

HYDRONIC PIPING TO MANHOLE PADS. SEE MECHANICAL SITE PLAN,

10. HYDRONIC PIPING RISERS UP TO ROOF LEVEL TO SERVE UNIT HEATER

1. UNIT HEATER SUSPENDED FROM ROOF AT TOP LEVEL OF STAIRCASE.

CONTINUATION. SEE DRAWING 6/M0005-01 FOR WATER SERVICE ENTRY

4. CONNECT WATER LINE FROM TRAP PRIMER (TP-1) TO COMMON SANITARY

15. LOCATE FIRE EXTINGUISHER AT TOP LEVEL OF STAIRCASE ADJACENT TO

16. SANITARY LINE TO DRAIN INTO HOLDING TANK. SEE DRAWING 1/M0005-01

7. PIPING FROM SUMP PIT TO PENETRATE LOWER WALL INTO HOLDING TANK AT HIGH LEVEL FOR SUMP DRAINAGE. SEE DRAWING MOOO4 FOR SECTION

18. NATURAL GAS METER PROVIDED BY MANITOBA HYDRO. SEE CIVIL SITE PLAN

9. PROVIDE 25mmø DRAINAGE PIPING FROM HEATING COIL (HC-1) AND HEAT

20. 500x500x700 SUMP PIT LOCATED AT BOTTOM LEVEL OF STAIRCASE. SEE DRAWING 15/M0005-02 FOR DETAILS. COORDINATE WITH STRUCTURAL.

22. COMBUSTION AIR INTAKE TO PENETRATE ROOF. CONFORM TO CURRENT

23. BOILER FLUE VENTS TO PENETRATE ROOF. PIPE CONDENSATE FROM VENT

24. PROVIDE LOUVER FOR VENTILATION AIR. CONFORM TO CURRENT MANITOBA

25. PROVIDE GAS PRESSURE REGULATOR. PIPE CONDENSATE FROM REGULATOR

TO NEAREST FLOOR DRAIN. PIPE GAS RELIEF VENT FROM REGULATOR

THROUGH ROOF. CONFORM TO CURRENT MANITOBA GAS CODE.

26. CONNECT HYDRONIC PIPING TO MANIFOLD. SEE DRAWING MO006.

MANITOBA GAS CODE. SEE DRAWING MOOO4 FOR SECTION VIEWS.

CLEANOUT THROUGH NEUTRALIZER KIT TO NEAREST FLOOR DRAIN. CONFORM TO CURRENT MANITOBA GAS CODE. SEE DRAWING MOOO4 FOR

LEVEL OF STAIRCASE. SEE DRAWING MOOO4 FOR SECTION VIEWS.

RECOVERY VENTILATOR (HRV-1) TO FUNNEL FLOOR DRAIN (FD-2) AT TOP

B. SLOPE FLOOR TO FLOOR DRAINS. COORDINATE WITH STRUCTURAL.

9. CONNECT SANITARY VENT TO HOLDING TANK EXHAUST DUCT.

12. SEE DRAWING 4/M0005-01 FOR PUMP INSTALLATION DETAILS.

13. CONNECT TO DOMESTIC WATER SERVICE, SEE SITE PLAN FOR

TRAP. SEE DRAWINGS 1,5/M0005-01 FOR DETAILS.

LOCATE HEAT RECOVERY VENTILATOR ON ROOF CURB PROVIDED BY ARCHITECTURAL. SEE ARCHITECTURAL DRAWINGS FOR DETAILS.

4. PROVIDE BALANCING DAMPERS TO ALL SUPPLY/RETURN DIFFUSERS.

15. ALL HANGING RODS, BRACKETS, FLOOR SUPPORTS, AND SUPPORT

ACCESSORIES TO BE TYPE 316L STAINLESS STEEL.

DRAWING 1/M0002 FOR CONTINUATION.

DRAWING 1/M0002, FOR CONTINUATION.

(UH-1) AND HEATING COIL (HC-1).

SECTION VIEWS.

FOR DETAILS.

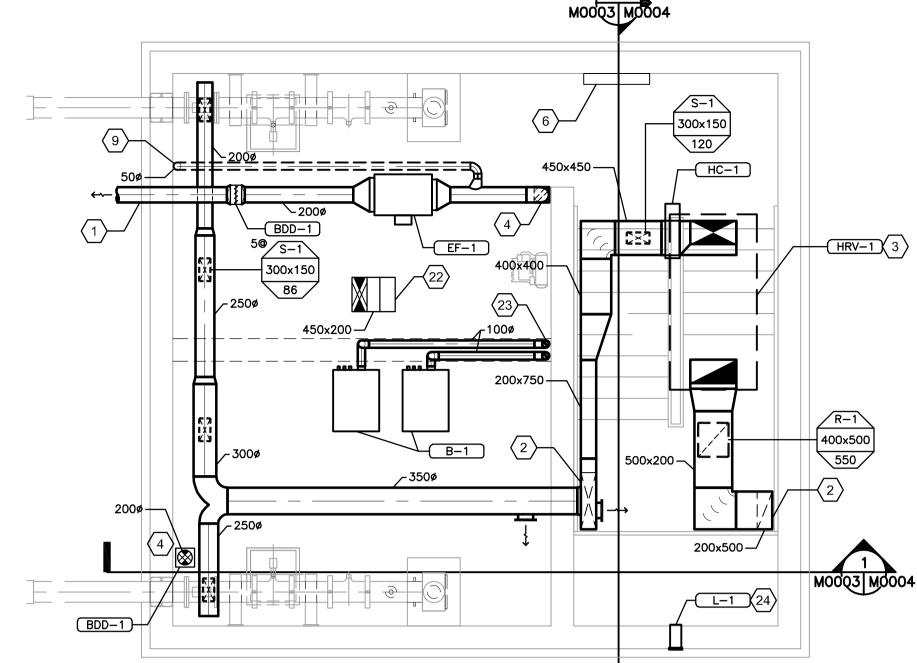
ENTRY DOOR.

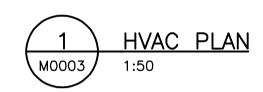
FOR CONTINUATION.

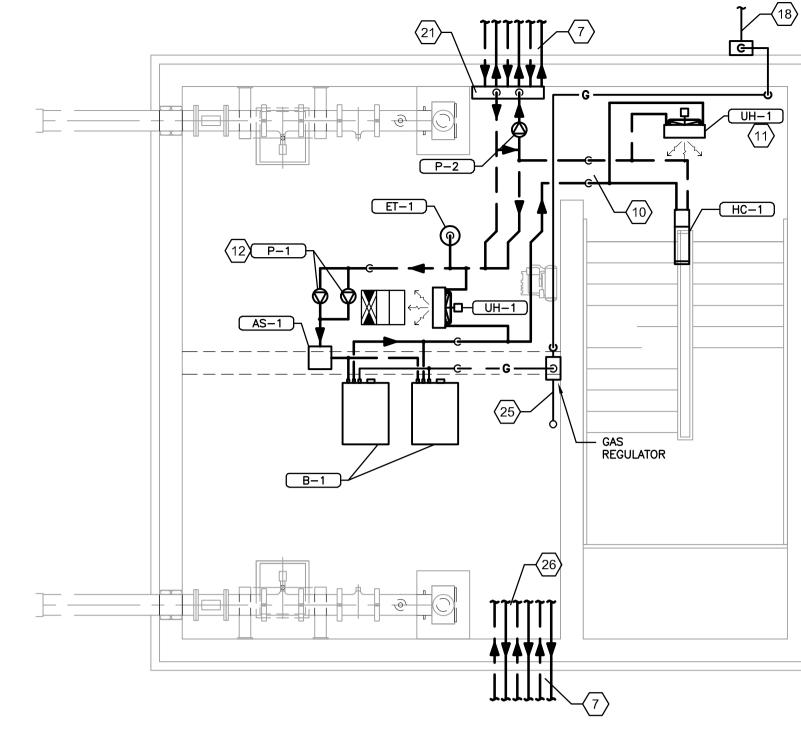
21. HYDRONIC MANIFOLD.

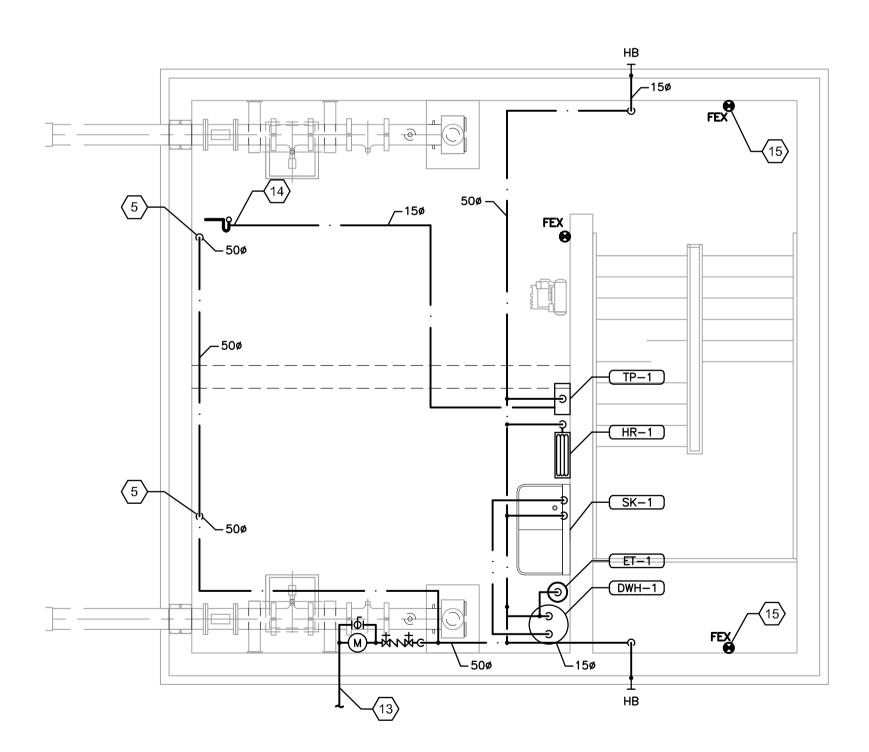
10. PROVIDE PLUMBING VENTS AND CLEANOUTS AS PER CODE.

FOR PORTABLE FIRE EXTINGUISHERS.

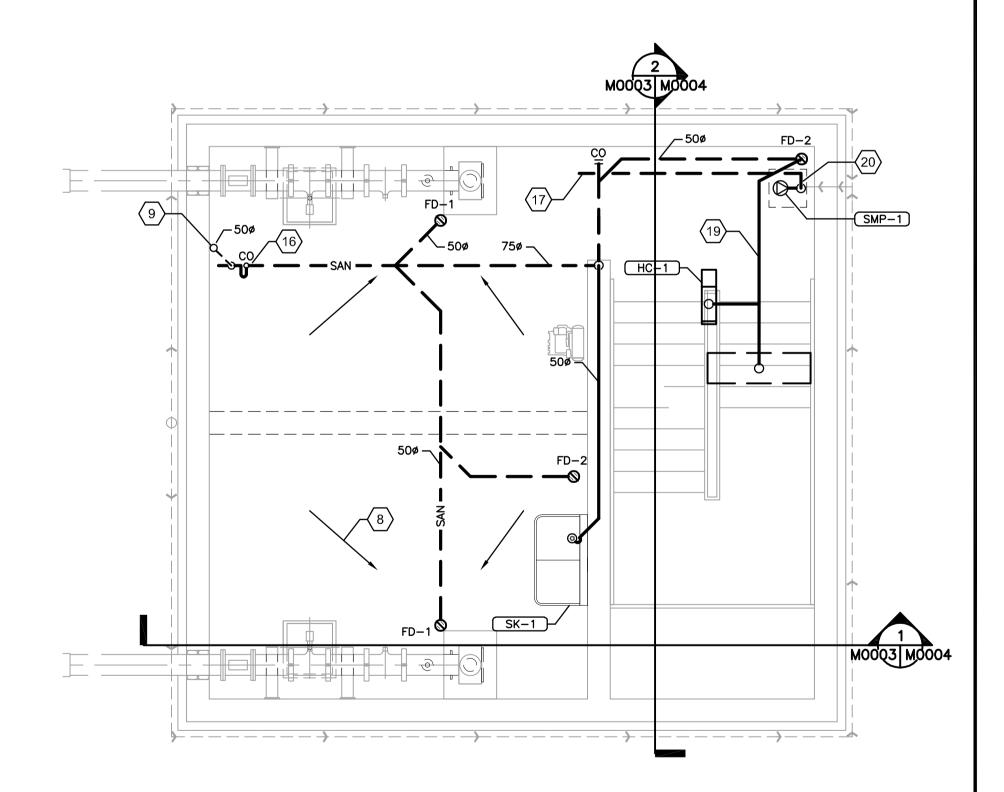












THE CITY OF WINNIPEG

WATER AND WASTE DEPARTMENT

1-0102A-M0003-001

SOUTH END WATER POLLUTION CONTROL CENTRE

HAULED WASTEWATER RECEIVING FACILITIES

HAULED WASTEWATER RECEIVING BUILDING

MECHANICAL PLANS

SANITARY PLAN M0003

LOCATION APPROVED ENGINEER'S SEAL 5 Stantec Consulting Ltd. UNDERGROUND STRUCTURES 905 Waverley Street, Winnipeg, Manitoba Tel 204-489-5900 Fax 204-453-9012 SUPV. U/G STRUCTURES Stantec DESIGNED CHECKED DRAWN APPROVED A.B. J.L.T. RELEASED FOR AS NOTED HOR. SCALE: CONSTRUCTION: VERTICAL: BID OPPORTUNITY NO. A ISSUED FOR TENDER 822-2009

COMMITTÉE APEGI LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION Certificate of Authorization AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. Stantec Consulting Ltd. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE No. 1301 Date:\_\_ OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION. NO. REVISIONS DATE BY DATE **09.11.13** DATE