



GENERAL NOTES:

1. GHX CIRCUIT PIPING TO BE 24 mm (1") Ø HDPE SDR 11.
2. ALL GHX RUNOUT CIRCUIT PIPING TO BE 51 mm (2") Ø HDPE SDR 13.5
3. FLUID TO BE USED IS 15% BY VOLUME METHANOL, PREMIXED WITH WATER AND SUITABLE CORROSION INHIBITORS BY MANUFACTURER, TO HAVE A FREEZE PROTECTION TO -13.8°C (7.2°F).
4. DESIGN TEMPERATURES FOR GHX ARE -1.1°C (30°F) IN HEATING & 29.4°C (85°F) IN COOLING.
5. ALL PIPE SIZES ARE NOMINAL.
6. CONTRACTOR IS RESPONSIBLE FOR OBTAINING NECESSARY PERMITS AS REQUIRED TO USE BOULEVARD AND OR STREET FOR GHX CONSTRUCTION.
7. CONTRACTOR IS RESPONSIBLE FOR PROTECTING AND/OR RESTORING SITE INCLUDING BOULEVARD SIDEWALK, GRASS, AND TREES.
8. REFER TO DWG. NO. G1.2 AND GROUND HEAT EXCHANGER SPECIFICATIONS FOR MORE DETAILS.

NO.	REVISION / ISSUE	DATE
1	TENDER	09/29/10



SCALE: 1:200

DRAWN BY: RTW

CHECKED BY: J.L.

REVIEWED BY: SA

DRAWING DATE: 09/29/10

PROJECT NAME:
SAGE CREEK FIRE HALL
Winnipeg, MB

DRAWING NAME:
GROUND HEAT EXCHANGER LAYOUT



DRAWING NUMBER:
G1.1

1 GROUND HEAT EXCHANGER LAYOUT
 Scale: 1:200

RELEASED FOR TENDER SEPT. 29, 2010