



HEATING PIPING SCHEMATIC  
SCALE: N.T.S.

**NOTES:**  
 THESE DRAWINGS SHALL NOT BE SCALED.  
 THE CONTRACTOR SHALL VISIT THE SITE AND SATISFY HIMSELF ALL DIMENSIONS, DATUM, AND DETAILED INFORMATION SHOWN ARE CORRECT.  
 THE CONTRACTOR IS TO REVIEW AND COORDINATE ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL OPENINGS THROUGH FLOORS, WALLS, AND CEILINGS FOR DUCT, PIPE & ELECTRICAL RISERS AND ALL OPENINGS NOT SHOWN ON DRAWINGS.  
 ALL OPENINGS THROUGH FIRE ASSEMBLIES ARE TO BE FIRE STOPPED AND SEALED WITH U.L.C. APPROVED FIRE STOPPING TO MAINTAIN THE INTEGRITY OF THE FIRE SEPARATION, AND PROVIDE A SMOKE-TIGHT BARRIER.  
 ALL PRODUCTS AND MATERIALS TO BE USED AND INSTALLED SHALL CONFORM WITH MANUFACTURER'S SPECIFICATIONS & APPLICABLE CODES.  
 THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND MAKE GOOD ALL EXISTING CONSTRUCTION AFFECTED BY THE REMOVAL OF ALL ITEMS FORMING THE PART OF THE RENOVATION WORK.  
 WHERE NEW FLOORING AND BASE IS TO BE INSTALLED IN EXISTING AREAS (REFER TO FLOOR PLAN AND ROOM SCHEDULE) THE EXISTING FLOORING SURFACE AND BASE MUST BE REMOVED, UNLESS OTHERWISE NOTED. ALL FLOOR SURFACES SHALL BE PREPARED IN ACCORDANCE TO MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION OF NEW FLOOR.  
 WHERE PAINTING OF EXISTING WALLS IS INDICATED ON THE ROOM SCHEDULE, THESE WALLS MUST BE CLEANED OF ANY EXISTING WALL COVERING, PATCHED & PREPARED TO ACCEPT NEW MATERIAL, UNLESS OTHERWISE NOTED.

- LEGEND:**
- GS GLYCOL SUPPLY
  - GR GLYCOL RETURN
  - Flow arrow FLOW DIRECTION
  - HX HEAT EXCHANGER
  - FF-FORCE FLOW HEATER
  - BB-BASEBOARD HEATER
  - EXP-EXPANSION TANK
  - FL-FLOW FEED
  - PUMP
  - CV-CONTROL VALVE
  - CFP-CHEMICAL POT FEEDER
  - LWCO-LOW WATER CUT OFF
  - Ball valve BALL VALVE
  - Balance valve BALANCE VALVE
  - Butterfly valve BUTTERFLY VALVE
  - 3-WAY CONTROL VALVE
  - 2-WAY CONTROL VALVE
  - Suction diffuser SUCTION DIFFUSER
  - Triple duty valve TRIPLE DUTY VALVE
  - Pressure relief valve PRESSURE RELIEF VALVE
  - Air vent AIR VENT
  - AP-AIR PURGE
  - Filter FILTER
  - Site glass SITE GLASS
  - Drain DRAIN
  - Flexible connection FLEXIBLE CONNECTION
- LEGEND CONT'D:**
- Reducer REDUCER
  - Flow switch FS FLOW SWITCH
  - Temperature sensor T TEMPERATURE SENSOR
  - Pressure sensor P PRESSURE SENSOR
  - Thermometer THERMOMETER
  - Pressure gauge PRESSURE GAUGE

0	ISSUED FOR CONSTRUCTION	15.02.17
No.	REVISION/DESCRIPTION	BY DATE

SEAL

DRAWN: TJC  
 CHECKED: [Signature]  
 DESIGNED: MAP  
 APPROVED: [Signature]

DATE: 2014.10.19  
 USER APPROVAL

THE CITY OF WINNIPEG  
 PLANNING, PROPERTY AND  
 DEVELOPMENT DEPARTMENT  
 MUNICIPAL ACCOMMODATIONS DIVISION  
 3-65 GARRY STREET, R3C 4K4

PROJECT  
**SHERBROOK POOL  
 REFURBISHMENT OF SHERBROOK POOL**

381 SHERBROOK STREET  
 SHEET TITLE

MECHANICAL  
 HYDRONIC HEATING SCHEMATIC

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2013-173	M19

