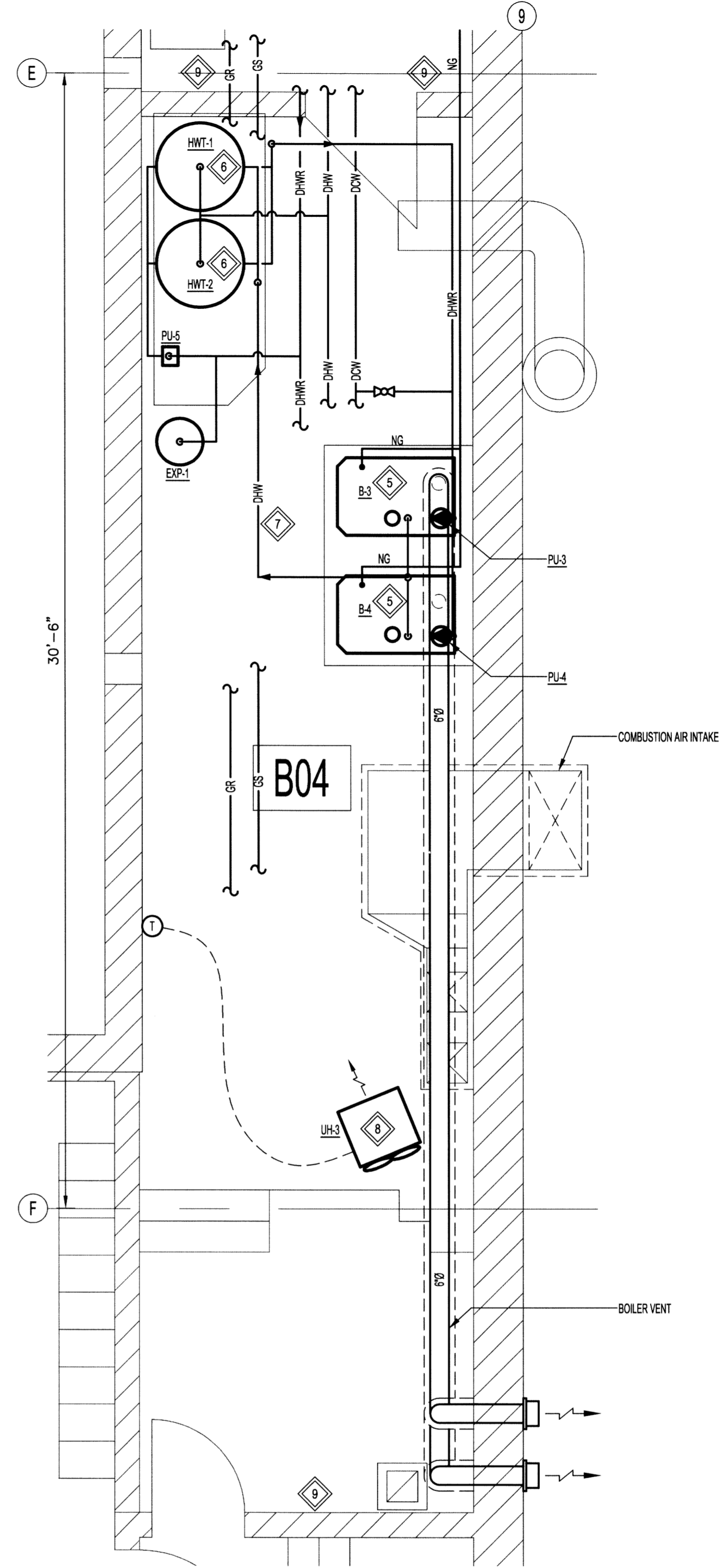
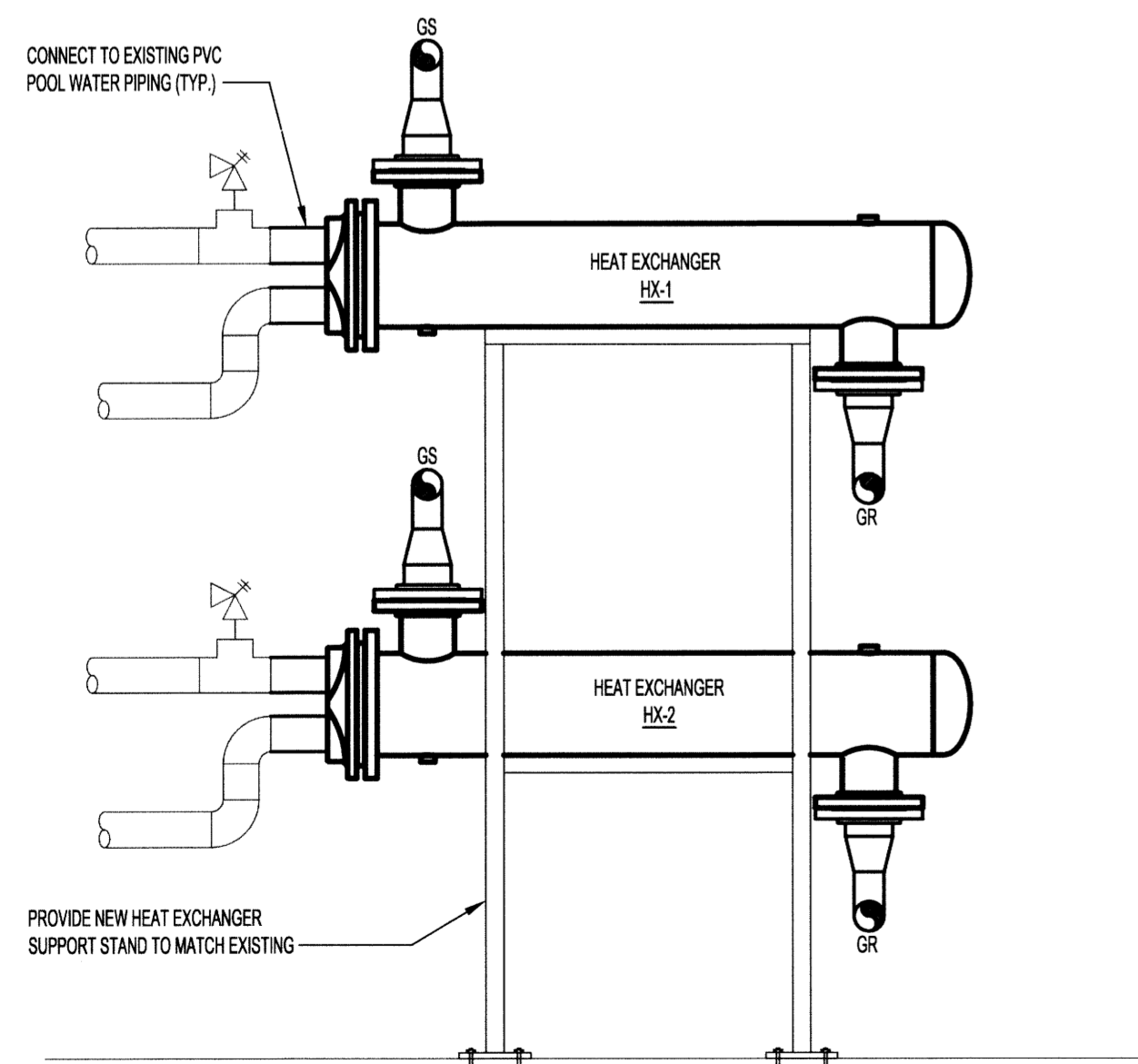


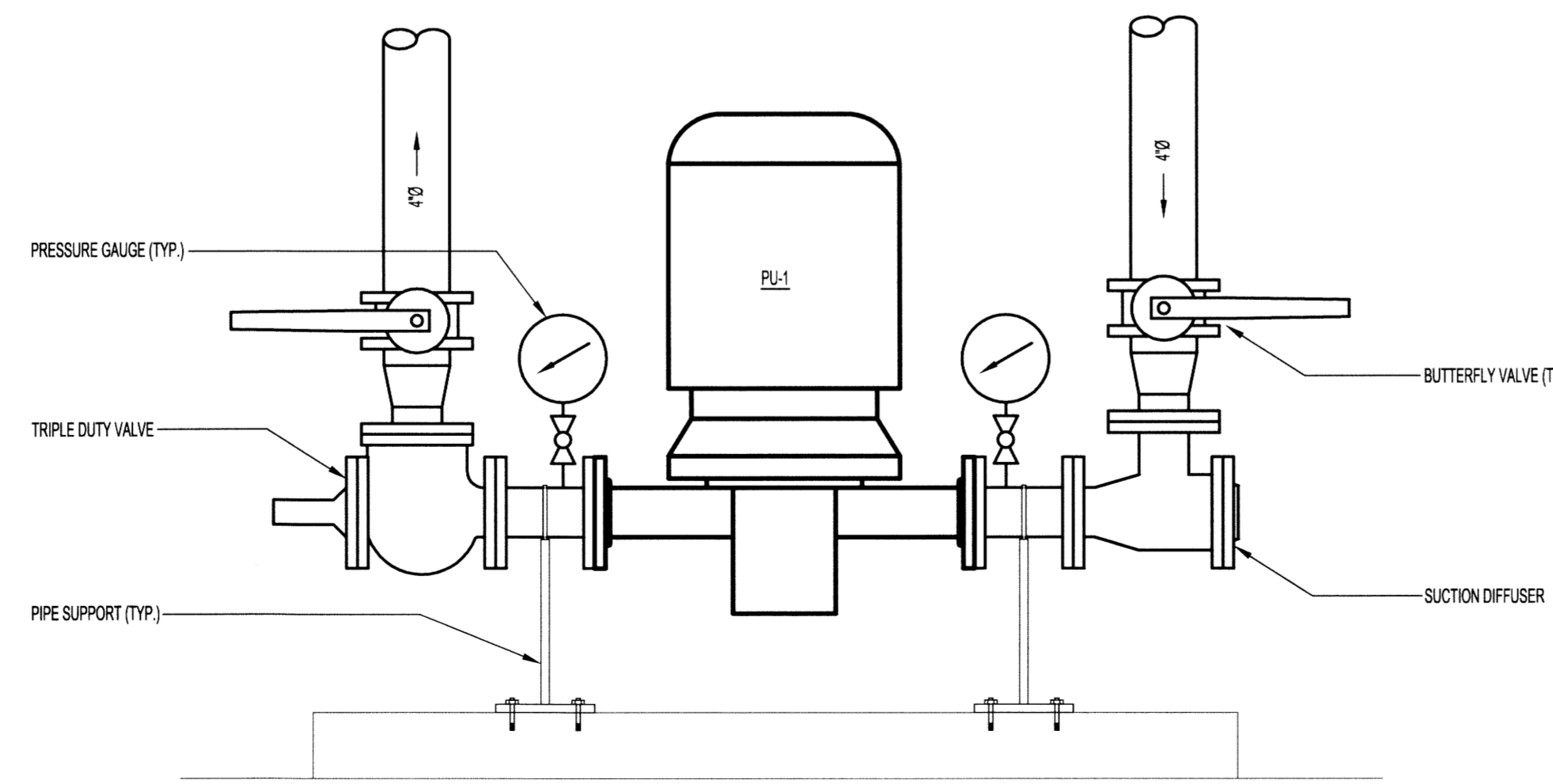
**A** BASEMENT MECHANICAL ROOM ENLARGED PLAN  
SCALE: 3/8"=1'-0"



**B** BASEMENT MECHANICAL ROOM ENLARGED PLAN  
SCALE: 3/8"=1'-0"



**C** ELEVATION - HEAT EXCHANGERS (HX-1 & HX-2)  
SCALE: N.T.S.



**D** ELEVATION - PUMPS (PU-1 & PU-2)  
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 UL-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.

- KEYNOTES:**
- 1 INSTALL NEW ELECTRIC BOILERS (B-1 AND B-2) AS SHOWN. PROVIDE PIPING CONNECTIONS.
  - 2 INSTALL NEW CIRCULATION PUMPS AS SHOWN.
  - 3 INSTALL NEW POOL WATER HEAT EXCHANGERS AS SHOWN. PROVIDE NEW SUPPORTS TO MATCH EXISTING. CONNECT TO EXISTING POOL WATER PIPING.
  - 4 INSTALL NEW GLYCOL SUPPLY AND RETURN PIPING AS SHOWN. CONFIRM PIPE ROUTING IN FIELD (TYP.)
  - 5 INSTALL NEW DOMESTIC WATER BOILERS (B-3 AND B-4) AS SHOWN. PROVIDE NATURAL GAS PIPING AND VENTING.
  - 6 INSTALL NEW HOT WATER STORAGE TANKS (HWT-1 AND HWT-2) AS SHOWN.
  - 7 INSTALL NEW DOMESTIC WATER LINES BETWEEN BOILERS AND STORAGE TANKS AND ASSOCIATED PUMPS (PU-3 AND PU-4). CONFIRM PIPE ROUTING IN FIELD (TYP.)
  - 8 INSTALL NEW UNIT HEATERS AS SHOWN. PROVIDE PIPING CONNECTION, CONTROLS, AND HANGER SUPPORTS (TYP.)
  - 9 ALL PENETRATIONS THROUGH B04 WALL SHALL BE FIRE RATED (1.5 HOUR).

**LEGEND:**

B#	BOILER
HX#	HEAT EXCHANGER
PU#	PUMP
UH#	UNIT HEATER
HWT#	HOT WATER TANK
EXP#	EXPANSION TANK
HSF#	HYDRONIC SYSTEM FEEDER
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
DHW-R	DOMESTIC HOT WATER RECIRC
NG	NATURAL GAS
GS	GLYCOL SUPPLY
GR	GLYCOL RETURN
↔	BUTTERFLY VALVE
⊗	3-WAY CONTROL VALVE
⊙	THERMOSTAT

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



DRAWN	TJC	CHECKED	DESIGNED	MAP	APPROVED
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  
SECTIONS AND DETAILS

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2013-173-XX	M17

SCALE VERIFIED BY: *JTC*

