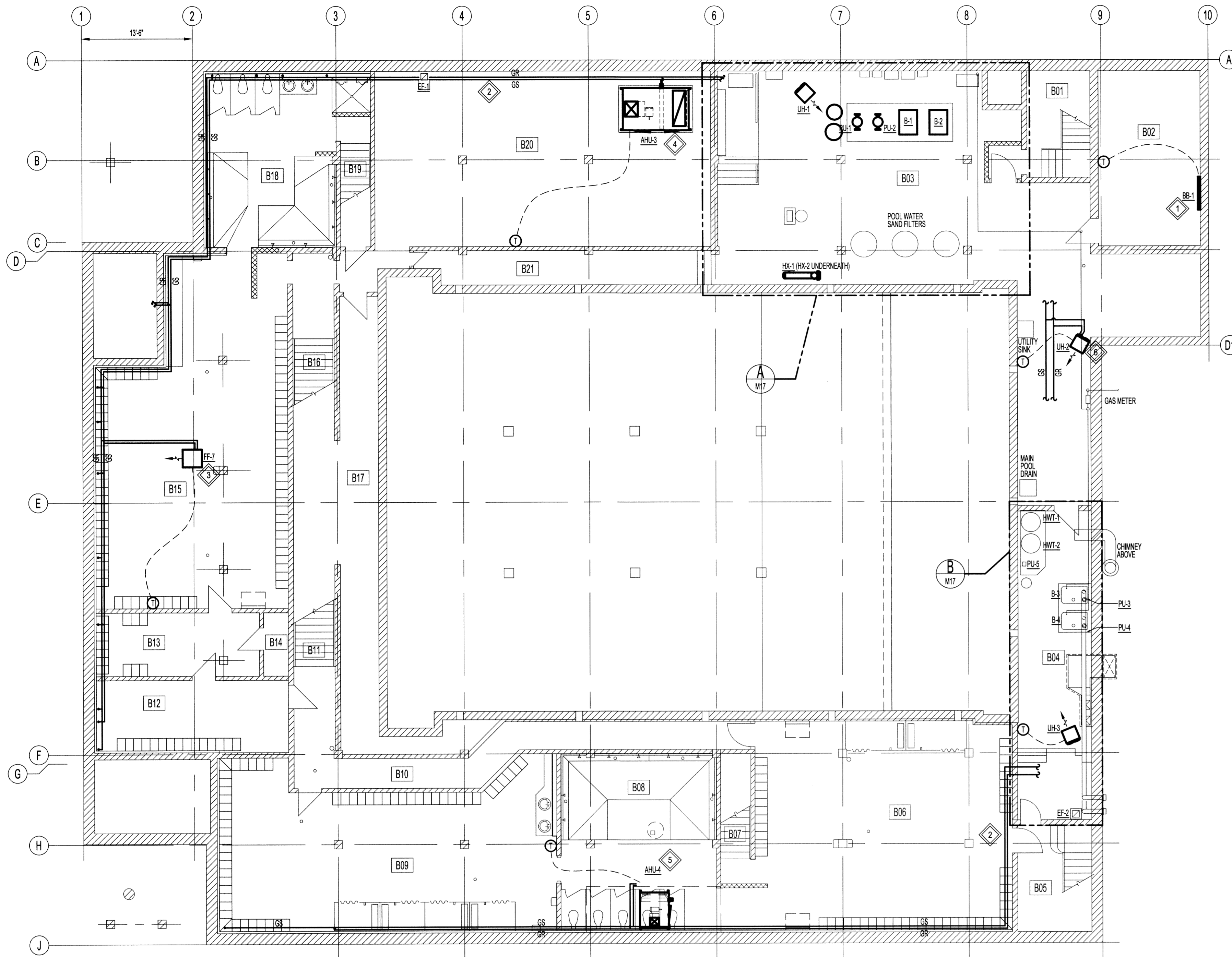


FILE NAME: 14-0107-021\_M12.dwg | DATE: 2014.10.19 | PROJECT No: 2013-173 | SHEET TITLE: BASEMENT FLOOR PLAN - HVAC PIPING - NEW | ADDRESS: 381 SHERBROOK STREET



**BASEMENT FLOOR PLAN - NEW HVAC PIPING**  
SCALE: 1/8"=1'-0"

**GENERAL NOTES:**

- PERFORM WORK IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
- REVIEW EQUIPMENT LOCATIONS WITH CONTRACT ADMINISTRATOR PRIOR TO INSTALLATION.
- EQUIPMENT LOCATIONS, DUCT AND PIPE ROUTING INDICATED ON THE DRAWINGS IS APPROXIMATE ONLY. CONFIRM IN THE FIELD. REROUTE DUCTWORK AND PIPING AS REQUIRED TO ELIMINATE FIELD INTERFERENCES WITH BUILDING STRUCTURES, ELECTRICAL, ETC. CONFIRM CHANGES WITH CONTRACT ADMINISTRATOR. CO-ORDINATE WORK WITH ALL SUBTRADES. WHERE DIMENSIONS ARE INDICATED FOR PIPING, DUCTWORK, DUCT SIZES, EQUIPMENT SIZES, ETC. THESE ARE FOR BIDDING PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO ORDERING EQUIPMENT AND COMMENCING INSTALLATION WITHOUT EXTRA CHARGES TO THE PROJECT. THE CONTRACTOR IS RESPONSIBLE TO ENSURE ALL EQUIPMENT, DUCTWORK AND PIPING FITS IN THE SPACE AVAILABLE AND TO MAINTAIN THE GENERAL DESIGN INTENT FOR THE SYSTEMS.
- CONFORM TO SMACNA STANDARDS FOR SUPPLY AND INSTALLATION OF DUCTWORK.
- SEAL ALL WALL PENETRATIONS AND DUCTWORK WATER AND AIR TIGHT.
- PROVIDE ALL WALL PENETRATIONS. PENETRATIONS THROUGH FIRE RATED WALLS SHALL BE FIRE SEALED.

**KEYNOTES:**

- INSTALL NEW HYDRONIC BASEBOARD HEATER. REFER TO HYDRONIC HEATING SCHEMATIC ON DRAWING M19.
- INSTALL NEW GLYCOL SUPPLY AND RETURN PIPING. REFER TO HYDRONIC HEATING SCHEMATIC ON DRAWING M19 FOR DETAILS. (TYP.)
- INSTALL NEW HYDRONIC FORCE FLOW HEATER. MOUNT UNIT TO CEILING.
- INSTALL NEW AIR HANDLING UNIT (AHU-3) AS SHOWN. PROVIDE PIPING CONNECTIONS.
- INSTALL NEW AIR HANDLING UNIT (AHU-4) ON STRUCTURAL PLATFORM. COORDINATE WORK WITH STRUCTURAL. PROVIDE PIPING CONNECTIONS.
- INSTALL NEW HYDRONIC UNIT HEATERS (UH-1, UH-2 & UH-3). MOUNT TO WALL. MAXIMUM MOUNTING HEIGHT IS 9'-0". (TYP.)

**LEGEND:**

- NEW EQUIPMENT/PIPPING
- EXISTING EQUIPMENT/PIPPING
- CONTROL WIRING
- AHU: AIR HANDLING UNIT
- UH: UNIT HEATER
- B: BOILER
- HX: HEAT EXCHANGER
- GS: GLYCOL SUPPLY
- GR: GLYCOL RETURN
- ⊙: THERMOSTAT

**NOTES:**

THESE DRAWINGS SHALL NOT BE SCALED.  
THE CONTRACTOR SHALL VISIT THE SITE AND SATISFY ONESELF 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.

0	ISSUED FOR CONSTRUCTION	BS	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

SCALE VERIFIED BY: TJC



381 SHERBROOK STREET  
SHEET TITLE  
MECHANICAL  
BASEMENT FLOOR PLAN  
HVAC PIPING - NEW

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2013-173	M12