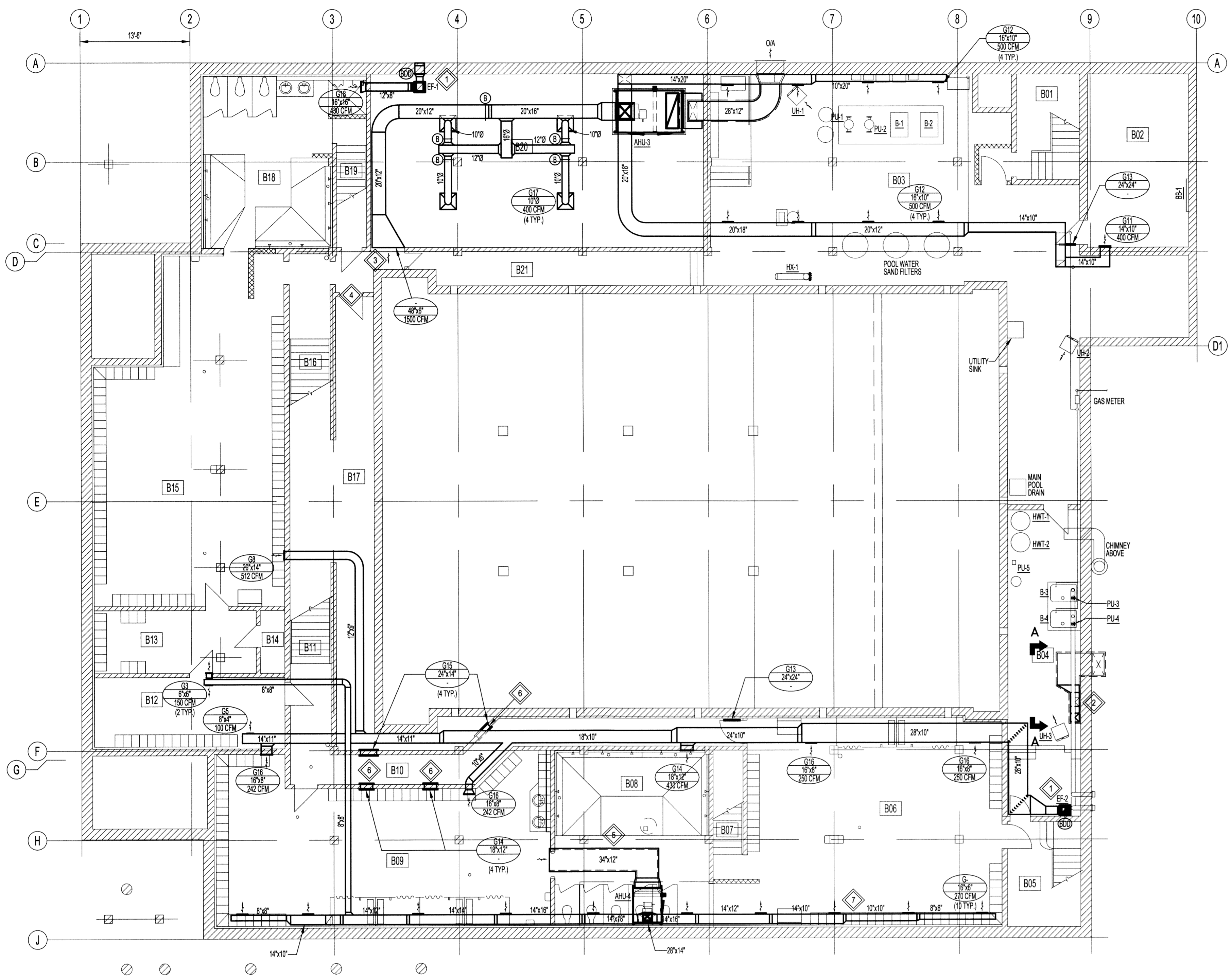


FILE NAME: 14-0107-021_M13.dwgA1
 DATE: 2014.10.19
 SHEET TITLE: BASEMENT FLOOR PLAN - HVAC DUCTWORK - NEW
 PROJECT No: 2013-173
 ADDRESS: 381 SHERBROOK STREET



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

GENERAL NOTES:

- PERFORM WORK IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
- REVIEW EQUIPMENT LOCATIONS WITH CONSULTANT 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 CONTACT 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:

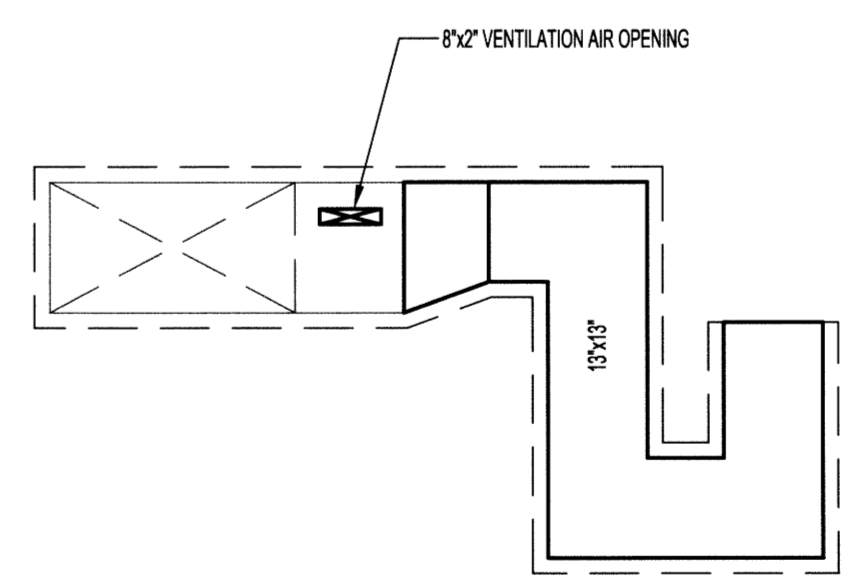
- INSTALL NEW EXHAUST FANS (EF-1 & EF-2). PROVIDE FLEXIBLE DUCT CONNECTIONS AND MOUNT VIBRATION ISOLATORS.
- INSTALL NEW PORTION OF COMBUSTION AIR DUCT AS SHOWN. PROVIDE ALL NEW INSULATION. REFER TO SECTION A-A FOR DETAILS.
- PROVIDE 1/2" WIRE MESH SCREEN AT AIR OUTLET.
- PROVIDE 1/2" WIRE MESH SCREEN ABOVE DOOR FOR AIR TRANSFER. (TYP.)
- INSTALL ACOUSTICALLY LINED RETURN DUCT AS SHOWN.
- PROVIDE AIR TRANSFER OPENINGS CW GRILLES ON BOTH SIDES OF THE WALL. (TYP.)
- RUN SUPPLY HEADER ABOVE WINDOWS. ANGLE GRILLES TO 45° BELOW HORIZONTAL.

LEGEND:

- NEW EQUIPMENT DUCTWORK
- EXISTING EQUIPMENT DUCTWORK
- UNIT HEATER
- BOILER
- AIR HANDLING UNIT
- PUMP
- BASEBOARD HEATER
- HOT WATER TANK
- HEAT EXCHANGER
- EXTERNALLY INSULATED DUCTWORK
- BACKDRAFT DAMPER

GRILLE SCHEDULE

TAG	PRICE DESIGNATION	COMMENTS
G1	6"0" / 12"x12" / SCD / 31 / 30 / B12	4-WAY SUPPLY DIFFUSER
G2	6"0" / 12"x12" / SCD / 31 / 30 / B12	4-WAY SUPPLY DIFFUSER
G3	6"6" / 5"00" / F / L / B12	LOUVERED FACE SUPPLY
G4	20"6" / 5"00" / F / L / B13	LOUVERED FACE SUPPLY
G5	8"6" / 5"00" / F / L / A / B12	LOUVERED FACE RETURN
G6	12"x12" / STG1 / BF / B15	DOOR TRANSFER GRILLE
G7	20"x14" / 5"00" / F / L / A / B12	LOUVERED FACE RETURN
G8	20"x14" / 5"00" / F / L / A / B12	LOUVERED FACE RETURN
G9	6"6" / 8"0" / F / L / A / B12	EGG CRATE RETURN
G10	6"6" / 5"00" / F / L / A / B12	LOUVERED FACE RETURN
G11	14"x10" / 5"00" / F / L / A / B12	LOUVERED FACE SUPPLY
G12	16"x10" / 5"00" / F / L / A / B12	LOUVERED FACE SUPPLY
G13	24"x24" / STG1 / BF / B15	DOOR TRANSFER GRILLE
G14	16"x12" / 5"00" / F / L / A / B12	LOUVERED FACE RETURN
G15	24"x14" / 5"00" / F / L / A / B12	LOUVERED FACE RETURN
G16	16"x8" / 5"00" / F / L / A / B12	LOUVERED FACE RETURN
G17	10"0" / 24"x24" / SCD / 31 / 30 / B12	4-WAY SUPPLY DIFFUSER
G18	16"x16" / 5"00" / F / L / A / B12	LOUVERED FACE RETURN



SECTION A-A - COMBUSTION AIR DUCT
 SCALE: N.T.S.

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 ULC 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	15.02.17
No.	REVISION/DESCRIPTION	BY DATE



DRAWN	TJC	CHECKED	MAP	DESIGNED	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
 BASEMENT FLOOR PLAN
 HVAC DUCTWORK - NEW

SCALE	PROJECT No:	SHEET No:
AS SHOWN	2013-173	M13

SCALE VERIFIED BY: *TJC*

