



1 BASEMENT NEW PLUMBING LAYOUT
3/16" = 1'-0"

PLUMBING FIXTURE ROUGH IN				
PLUMBING FIXTURE	DCW	DHW	SAN	VENT
WATER CLOSET (FT)	1/2"Ø	-	4"Ø	2"Ø
LAVATORY	1/2"Ø	1/2"Ø	1 1/2"Ø	1 1/2"Ø
KITCHEN SINK	1/2"Ø	1/2"Ø	1 1/2"Ø	1 1/2"Ø
MOP SINK	1/2"Ø	1/2"Ø	2"Ø	1 1/2"Ø

DRAWING KEYNOTES:

- EXISTING PLUMBING FIXTURES, WATER SUPPLIES, DRAINS AND VENTS TO REMAIN.
- CONNECT NEW 2"Ø VENT TO EXISTING 2" VENT STACK APPROXIMATELY THIS LOCATION. CONTRACTOR TO CONFIRM EXACT LOCATION AND COORDINATE CONNECTION.
- NEW 4"Ø SANITARY DRAIN DOWN TO CRAWLSPACE AND CONNECT TO EXISTING SANITARY DRAIN. PIPE 2"Ø VENT STACK. CUT AND PATCH AS REQUIRED.
- EXISTING 2"Ø VENT STACK.
- PIPE NEW 1/2"Ø DCW & DHW FROM TO SERVE NEW MOP SINK. RUN PIPE TIGHT TO WALL. PIPE 2"Ø MOP SINK DRAIN TO EXISTING SANITARY DRAIN IN CRAWLSPACE. COORDINATE NEW, EXISTING SERVICES AND STRUCTURES TO SUIT NEW INSTALLATION.
- CONNECT NEW 1/2"Ø DCW & DHW FROM EXISTING DOMESTIC WATER SERVICES RESPECTIVELY IN CRAWLSPACE AND PIPE TO NEW LAVATORIES. PIPE LAVATORIES 1 1/2"Ø DRAIN TO EXISTING SANITARY DRAIN IN CRAWLSPACE. COORDINATE NEW, EXISTING SERVICES AND STRUCTURES TO SUIT NEW INSTALLATION.
- CONNECT NEW 1/2"Ø DCW FROM EXISTING DOMESTIC COLD WATER LINE IN CRAWLSPACE AND PIPE TO NEW WATER CLOSETS. PIPE WATER CLOSETS 4"Ø DRAIN TO EXISTING SANITARY DRAIN IN CRAWLSPACE. COORDINATE NEW, EXISTING SERVICES AND STRUCTURES TO SUIT NEW INSTALLATION.
- NEW 1/2"Ø DCW AND 1/2"Ø DHW SUPPLY TO NEW PLUMBING FIXTURES FROM CRAWLSPACE. CONNECT TO EXISTING DOMESTIC WATER SERVICES RESPECTIVELY. COORDINATE NEW, EXISTING SERVICES AND STRUCTURES TO SUIT NEW INSTALLATION.
- NEW 1/2"Ø DCW AND 1 1/2"Ø DRAIN FROM DRINKING FOUNTAIN ABOVE.
- NEW 1/2"Ø DCW AND 4"Ø DRAIN FROM WATER CLOSET ABOVE.
- PIPE NEW 3/4"Ø DCW AND 1/2"Ø DHW DOWN TO CRAWLSPACE AND CONNECT TO EXISTING SERVICES RESPECTIVELY. COORDINATE NEW, EXISTING SERVICES AND STRUCTURES TO SUIT NEW INSTALLATION.
- NEW 1/2"Ø DCW & DHW AND 1 1/2"Ø DRAIN FROM KITCHEN SINK ABOVE.
- PIPE NEW 4"Ø SANITARY DRAIN DOWN TO CRAWLSPACE AND CONNECT TO EXISTING SANITARY DRAIN. COORDINATE NEW, EXISTING SERVICES AND STRUCTURES TO SUIT NEW INSTALLATION.
- NEW 1/2"Ø DCW & DHW AND 1 1/2"Ø DRAIN FROM LAVATORY ABOVE.
- CONNECT NEW 1/2"Ø DCW & DHW FROM EXISTING DOMESTIC WATER SERVICES RESPECTIVELY FROM CRAWLSPACE AND PIPE TO NEW LAVATORY. PIPE 1 1/2"Ø LAVATORY DRAIN TO EXISTING SANITARY DRAIN IN CRAWLSPACE. COORDINATE NEW, EXISTING SERVICE AND STRUCTURES TO SUIT NEW INSTALLATION.
- CONNECT NEW 1/2"Ø DCW FROM EXISTING DOMESTIC COLD WATER LINE IN CRAWLSPACE AND PIPE TO NEW WATER CLOSETS. PIPE WATER CLOSETS 4"Ø DRAIN TO EXISTING SANITARY DRAIN IN CRAWLSPACE. COORDINATE NEW, EXISTING SERVICES AND STRUCTURES TO SUIT NEW INSTALLATION.

GENERAL NOTES:

- DO NOT SCALE THIS DRAWING. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO INSTALLATION AND REPORT ANY DISCREPANCY TO THE CONTRACT ADMINISTRATOR.
- THE DRAWING ONLY SHOWS A GENERAL SCHEMATIC OF NEW SYSTEMS. ROUTING OF PIPING AND UNITS LOCATIONS SHALL SUIT SITE CONDITIONS AND MAY HAVE TO BE CHANGED TO AVOID CONFLICTS WITH STRUCTURE, DUCTS AND PIPES. WHEN CONFLICT CANNOT BE AVOIDED, THE DUCTWORK SHALL BE MODIFIED AS REQUIRED.
- CONTRACTOR SHALL INCLUDE FOR AND PROVIDE ALL COORDINATION BETWEEN TRADES AND CONSULTANT ON AND OFF SITE AS REQUIRED FOR INSTALLATION OF MECHANICAL AND ELECTRICAL SYSTEMS. WHERE MINOR REROUTING OF DUCT OR SERVICES IS REQUIRED DUE TO ONSITE CONDITIONS, IT SHALL BE PERFORMED AT NO ADDITIONAL COST.
- CRAWLSPACE IS A CONFINED AREA. CONTRACTOR TO CONFIRM ALL EXISTING PLUMBING PIPING IN CRAWLSPACE AND MAKE CONNECTIONS AS REQUIRED.
- COORDINATE ALL PIPING ROUTING WITH ARCHITECTURAL ELEMENTS. ALLOW FOR CUTTING AND PATCHING WHERE EXISTING WALLS, CEILINGS AND ARCHITECTURAL FEATURES ARE REQUIRED TO BE OPENED FOR PIPING.
- ALL NEW PENETRATIONS THROUGH CONCRETE SLAB SHALL BE FIRE-STOPPED. NEW PLUMBING PIPES TO BE FIRE RATED TO MATCH EXISTING FIRE RATING.



Project: St. Vital Library

6 Fernor Ave., Winnipeg, Manitoba
Project Number: 10001
S&B Opportunity Number: 786-2016

Drawing Title: BASEMENT NEW PLUMBING LAYOUT

Issue/Revision Date
1 ISSUED FOR CONSTRUCTION SEPT 09, 2016

Sheet No: M-4

This drawing is property of the Architect and cannot be reproduced or used without the consent of the Architect. The contractor is responsible for checking and verifying all levels and dimensions and shall report all discrepancies to the Architect and obtain clarification prior to commencing work.