

GENERAL NOTES

- THIS DRAWING IS DIAGRAMMATIC ONLY. DO NOT SCALE.
- THE MECHANICAL SYSTEMS SHOWN ARE APPROXIMATE IN LOCATION ONLY. CONTRACTOR TO VERIFY EXACT LOCATION OF SYSTEMS BEING MODIFIED ON SITE PRIOR TO COMMENCEMENT OF WORK.
- ALL WORK SHALL COMPLY WITH THE MOST CURRENT VERSION OF ALL APPLICABLE CODES AND STANDARDS, WHICH SHALL BE CONSIDERED PART OF THESE CONTRACT DOCUMENTS. IN THE CASE OF CONFLICTING REQUIREMENTS, THE MOST STRINGENT REGULATION SHALL PREVAIL.
- CONTRACTOR TO MAINTAIN CURRENT AND READILY REVIEWABLE AS-BUILT DRAWINGS ACCURATELY REFLECTING SITE INSTALLATIONS.
- CONTRACTOR TO ENSURE ALL MATERIALS MODIFIED OR INSTALLED IN AN AIR PLENUM ARE RATED FOR SUCH USE.
- CONTRACTOR TO MAINTAIN DIGITAL PHOTOGRAPHIC RECORDS OF ALL INSTALLATIONS PRIOR TO CONCEALMENT BY SUPPORTING TRADES.
- MECHANICAL CONTRACTOR TO COORDINATE WITH GENERAL CONTRACTOR FOR SCANNING, CUTTING AND PATCHING OF FLOOR AND SLAB TO DETERMINE EXACT LOCATION OF EXISTING DRAIN PIPES WHERE NEW DRAIN PIPES TIE IN.
- PROVIDE CAP ON ALL PIPING TO PREVENT DEBRIS ENTERING SYSTEM.
- PROVIDE PROWRAP (TM) OR APPROVED EQUAL ON ALL EXPOSED PIPING UNDER BARRIER FREE LAVATORIES AND SINKS.

DRAWING NOTES:

- INSTALL NEW SINK IN SIMILAR LOCATION AS DEMOLISHED SINK. ALLOW FOR PIPING MODIFICATION/EXTENSION.
- INSTALL NEW TOILET IN SIMILAR LOCATION AS DEMOLISHED TOILET. ALLOW FOR PIPING MODIFICATION/EXTENSION.
- NEW DRAIN FROM SINK ABOVE.
- NEW DRAIN FROM TOILET ABOVE.
- WATER LINES WITHIN ARCHITECTURAL BULKHEAD.
- PANELS AND ALARMS FOR SUMP PUMPS.
- TIE NEW DOMESTIC 12# HOT WATER AND COLD WATER LINES INTO EXISTING MAINS IN THIS AREA.
- NEW SUMP DISCHARGE LOCATION. COORDINATE WITH ARCHITECTURAL. PROVIDE 90° ELBOW TO DISCHARGE TOWARD THE SOUTH.
- NEW SUMP PUMPS IN PIT, COMPLETE WITH DUPLEX PANEL AND ALARM. PIT AND COVER OTHERS.
- NEW THERMAL EXPANSION TANK FOR DOMESTIC HOT WATER SYSTEM. AMTROL MODEL ST-8.
- CONNECT NEW 75# SANITARY LINE TO EXISTING SANITARY MAIN IN EXISTING WASHROOM. SCAN SLAB TO DETERMINE EXACT LOCATION AND SIZE OF LINE TIE-INS.
- SANITARY PIPING FROM ABOVE TO DROP DOWN TO RUN BELOW NEW BASEMENT FLOOR SLAB.
- NEW BACKFLOW PREVENTION.
- SANITARY PIPING TO RUN BENEATH NEW FLOOR SLAB.
- PIPING TO RUN BELOW EXISTING FLOOR.
- NEW CHECK VALVE.

No.	Date	Revision Notes
1.	2017.05.02	Issued for Construction



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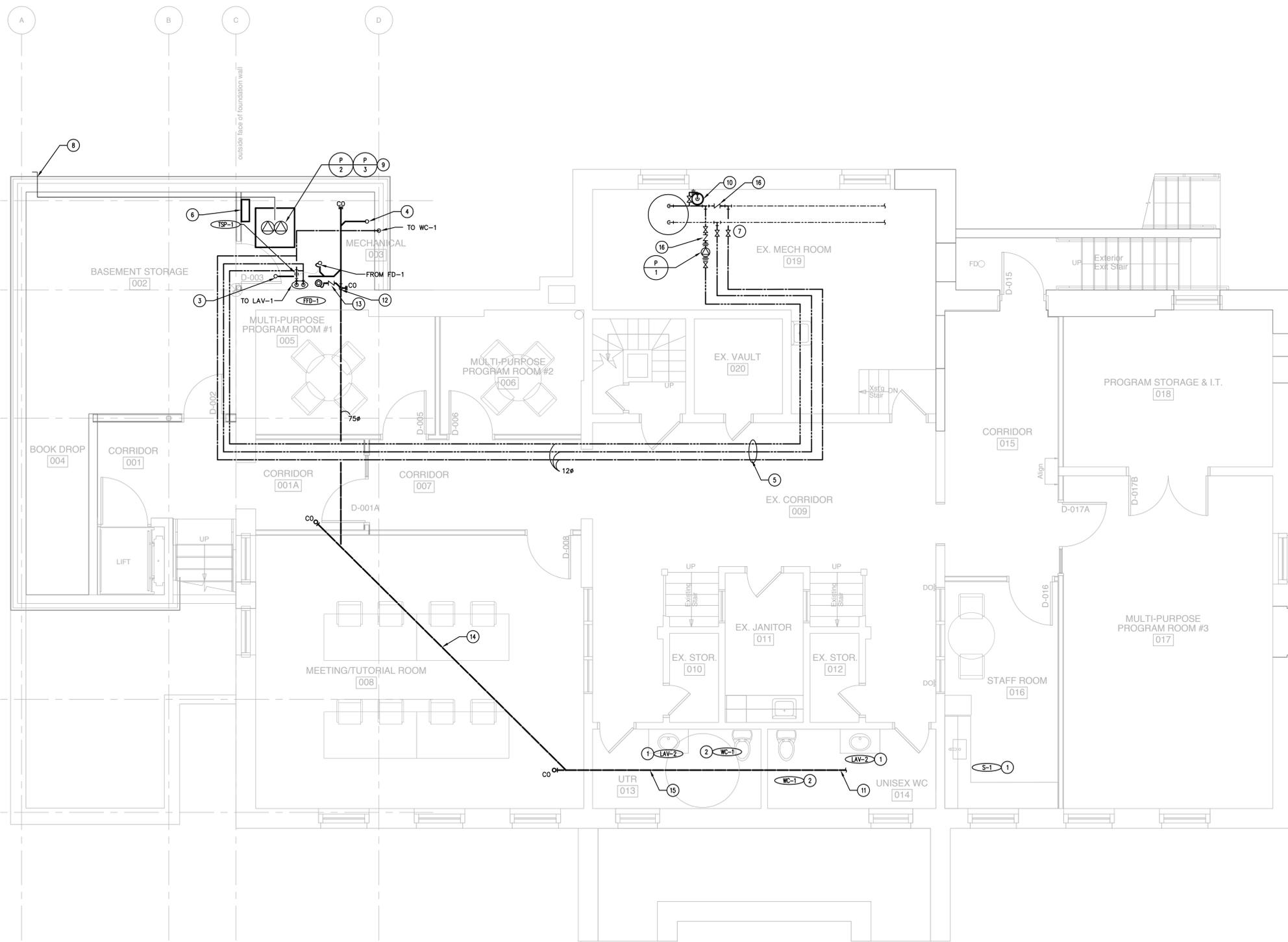
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Project
St. John's Library Renovation

Drawing
BASEMENT - PLUMBING RENOVATION LAYOUT

Drawn By: JDG
Reviewed By: ATS
Scale: 1:50
Drawing No: **M3.1**

Date: 2017.05.02
Project No: 1503b
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1 BASEMENT - PLUMBING RENOVATION LAYOUT
SCALE: 1:50

- (S-1)** SINGLE COMPARTMENT KITCHEN SINK
FRANK KUBUS KBX 110-021 DROP IN STAINLESS STEEL. TOTO AQUIA SINGLE LEVER FAUCET TL416SD WITH COVERPLATE, 1.5 GPM POLISHED CHROME FINISH. PROVIDE POINT OF USE MIXING VALVE BELOW SINK, NEW HOT AND COLD WATER SUPPLIES WITH ANGLE STOPS, ESCUTCHEON PLATES, AND P-TRAP.
- (LAV-1)** BARRIER FREE UNDERMOUNT SINK.
DURAVIT VERO UNDERMOUNT VANITY BASIN 033043, TOTO AQUIA SINGLE LEVER FAUCET TL416SD WITH COVERPLATE, 1.5 GPM POLISHED CHROME FINISH. PROVIDE POINT OF USE MIXING VALVE BELOW SINK, NEW HOT AND COLD WATER SUPPLIES WITH ANGLE STOPS, ESCUTCHEON PLATES, AND P-TRAP.
- (LAV-2)** BARRIER FREE WALL HUNG SINK.
DURAVIT VERO FURNITURE WASHBASIN 045450 WALL HUNG. PROVIDE HARDWARE FOR WALL MOUNTING. TOTO AQUIA SINGLE LEVER FAUCET TL416SD WITH COVERPLATE, 1.5 GPM POLISHED CHROME FINISH. PROVIDE POINT OF USE MIXING VALVE BELOW SINK, NEW HOT AND COLD WATER SUPPLIES WITH ANGLE STOPS, ESCUTCHEON PLATES, AND P-TRAP (OFFSET IF NECESSARY FOR BARRIER FREE INSTALLATION). PROVIDE PROWRAP OR SIMILAR INSULATION ON PIPING BELOW SINK.
- (WC-1)** BARRIER FREE ONE-PIECE TOILET
TOTO ULTRAMAX II, ONE-PIECE BARRIER FREE TOILET WITH ELONGATED BOWL, 12"(300MM) ROUGH-IN. TRIP LEVER ON APPROACH SIDE, 1.28 GPF TORNADO FLUSH SYSTEM. INSULATED FLUSH TANK. SOFT CLOSE SEAT. UNIVERSAL HEIGHT. 2-1/8" TRAPWAY.

- (TSP-1)** MECHANICAL TRAPSEAL PRIMER WITH INTEGRAL VACUUM BREAKER.
- (FFD-1)** WATTS FD-200-EG EPOXY COATED CAST IRON FLOOR DRAIN WITH ANCHOR FLANGE, WEEP HOLES, 3/4" (6MM) THICK ADJUSTABLE NICKEL BRONZE STRAINER, 4" (102MM) X 9" (229) OVAL NICKEL BRONZE FUNNEL, MEMBRANE CLAMP AND NO HUB OUTLET
- (FB-1)** WATTS FD-200 EPOXY COATED CAST IRON FLOOR DRAIN WITH ANCHOR FLANGE, WEEP HOLES, 1/2" (13MM) THICK NICKEL BRONZE STRAINER, MEMBRANE CLAMP AND NO HUB OUTLET. STRAINER COVER TO HAVE TAMPER-PROOF SCREWS.