



LEGEND	
	SANITARY LINE ABOVE FLOOR/GRADE
	SANITARY LINE BELOW FLOOR/GRADE
	RAIN WATER LEADER
	VENT LINE
	DOMESTIC COLD WATER LINE
	DOMESTIC HOT WATER LINE
	GAS LINE
	W.H.
	CLEANOUT
	F.D.
	R.D.
	SHUT-OFF VALVE
	EQ NO
	4

**GENERAL NOTES - PLUMBING**

- MECHANICAL SUB-CONTRACTOR SHALL VERIFY EXACT LOCATIONS, SIZES, INVERTS, ETC. PRIOR TO COMMENCEMENT OF WORK. VERIFY ALL CONNECTION POINTS ON SITE.
- REFER TO ARCHITECTURAL, ELECTRICAL & STRUCTURAL DRAWINGS FOR COORDINATION PURPOSES.
- ALL CUTTING & PATCHING OF FLOOR SLABS, WALLS ETC. TO BE PERFORMED BY GENERAL CONTRACTOR.
- ALL VENT PIPING TO BE INSTALLED AS PER CODE.
- PROVIDE ISOLATION VALVES ON ALL FIXTURES OR FIXTURE GROUP.
- PROVIDE SURESEAL TRAP SEAL TO ALL FLOOR/HUB DRAINS.
- PROVIDE AUTOMATIC AIR VENTS AT ALL HIGH POINTS OF SYSTEM.
- ALL DOMESTIC WATER LINES TO BE INSULATED TO MANITOBA HYDRO POWER SMART REQUIREMENTS AND NATIONAL ENERGY CODE OF CANADA REQUIREMENTS.
- ALL WORK SHALL COMPLY IN EVERY RESPECT WITH ALL NATIONAL, PROVINCIAL AND LOCAL CODES AND BY-LAWS, WHICH SHALL BE CONSIDERED PART OF THE SPECIFICATION. IN THE CASE OF CONFLICTING REQUIREMENTS, BE GOVERNED BY THE MOST STRINGENT REGULATIONS.
- THE MECHANICAL SUB-CONTRACTOR SHALL INSTALL PLUMBING SYSTEMS IN COMPLETE ACCORDANCE WITH THE RECOMMENDATIONS OF THE NATIONAL/PROVINCIAL BUILDING CODE, LOCAL PLUMBING CODES, AND MANITOBA OFFICE OF THE FIRE COMMISSIONER REQUIREMENTS.
- ALL INSULATING MATERIALS, METHODS, SIZES AND TYPES OF INSULATION FOR ALL PIPING SHALL BE INSTALLED TO THE REQUIREMENTS OF THE ASHRAE STANDARDS 90.1-2010 "ENERGY STANDARD FOR BUILDING EXCEPT LOW-RISE RESIDENTIAL BUILDING", STANDARD 90.2 "ENERGY EFFICIENT DESIGN OF LOW-RISE RESIDENTIAL BUILDINGS", THERMAL INSULATION ASSOCIATION OF CANADA (TIAC) STANDARDS AND NATIONAL (MANITOBA) ENERGY CODE OF CANADA REQUIREMENTS.
- GAS PIPING SHALL BE BLACK STEEL PIPE, EQUAL TO ASTM A-53 SCH. 40 WITH 150 LBS. STANDARD BLACK MALLEABLE IRON SCREWED FITTINGS. ALL WORK SHALL COMPLY WITH C.G.A. B149.1-10 "NATURAL GAS AND PROPANE INSTALLATION CODE", COMPLETE WITH DEPARTMENT OF LABOUR GAS NOTICES, AND SHALL BE PERFORMED BY FULLY QUALIFIED GAS FITTERS AND/OR WELDERS LICENSED TO PRACTICE IN THE PROVINCE OF MANITOBA.
- PROVIDE DI-ELECTRIC COUPLINGS ON ALL PIPING CONNECTIONS TO HOT WATER TANKS.
- PROVIDE APPROPRIATE FIRE-STOPPING MEASURES ON ALL PIPING PENETRATING FIRE SEPARATIONS SUBMIT SHOP DRAWINGS FOR REVIEW. ACCEPTABLE PRODUCT: HILTI, OR EQUAL.
- INSULATE VENT PIPING BACK 10'-0" (3.0 M) FROM ROOF PENETRATIONS IN ALL DIRECTIONS.
- COORDINATE MOUNTING HEIGHT OF ALL FIXTURES ARCHITECTURAL ELEVATIONS.
- ALL SANITARY WASTE & VENT PIPING AND DOMESTIC WATER PIPING SHALL BE CAPABLE OF MEETING OR EXCEEDING THE FLAME SPREAD RATING OF 25 AND DEVELOPED SMOKE RATING OF 50, AND BE SUITABLE FOR INSTALLATION IN AIR PLENUMS.
- ALL CONTROL / ELECTRICAL WIRING TO MEET FLAME SPREAD RATING OF 25, DEVELOPED SMOKE RATING OF 50 AND BE RATED FOR USE IN PLENUMS.



No.	DATE	REVISION / ISSUANCE
5	YY.MM.DD	-
4	YY.MM.DD	-
3	YY.MM.DD	-
2	YY.MM.DD	-
1	16.02.17	ISSUED FOR CONSTRUCTION



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Project  
**TRANSCONA CENTENNIAL POOL**  
 PHASE 1B  
 1101 WABASHA STREET

Sheet Title  
**FLOOR PLAN - PLUMBING**

Project No. 1426  
 Date FEB. 17, 2016  
**M1.0**

**FLOOR PLAN - PLUMBING**  
 SCALE 1:50

**DRAWING NOTES**

- PROVIDE AND INSTALL NEW COMBINATION EMERGENCY SHOWER/EYE/FACE WASH STATION C/W MIXING VALVE, DOMESTIC HOT AND COLD WATER LINES DROP DOWN FROM HIGH LEVEL FOR CONNECTION TO MIXING VALVE AS SHOWN. PROVIDE BACKFLOW PREVENTER ON DOMESTIC HOT AND COLD WATER LINES IN STRICT ACCORDANCE WITH REQUIREMENTS OF AUTHORITY HAVING JURISDICTION. COORDINATE EXACT LOCATION WITH CONTRACT ADMINISTRATOR.
- PROVIDE DOMESTIC HOT AND COLD ISOLATION VALVES AT HIGH LEVEL AS SHOWN TO SERVE WASHROOM GROUP. EXACT LOCATIONS TO BE COORDINATED ON SITE.
- INDOOR WALL HYDRANT TO BE LOCATED AT SUITABLE HEIGHT ABOVE FLOOR APPROXIMATELY WHERE SHOWN. PROVIDE APPROPRIATE BACK FLOW PREVENTER IN STRICT ACCORDANCE WITH STANDARDS OF AUTHORITY HAVING JURISDICTION.
- PROPOSED LOCATION FOR POOL SYSTEM DOMESTIC WATER CONNECTION. EXACT LOCATION TO BE COORDINATED WITH PHASE 1 CONTRACTOR ON SITE. PROVIDE APPROPRIATE BACK FLOW PREVENTER IN STRICT ACCORDANCE WITH STANDARDS OF AUTHORITY HAVING JURISDICTION.
- 8" STAND PIPE TO RISER ABOVE FLOOR TO SUITABLE LEVEL APPROXIMATELY WHERE SHOWN. HEIGHT OF STAND PIPE TO BE COORDINATED WITH PHASE 1 GENERAL CONTRACTOR.
- PROVIDE AND INSTALL NEW DOMESTIC HOT WATER TANK APPROXIMATELY WHERE SHOWN. VENT TO EXTEND UP THROUGH ROOF TO TERMINATION KIT PROVIDED BY MANUFACTURER. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- WATER FOUNTAIN SANITARY DRAINAGE LINE TO RUN ABOVE FLOOR AND DROP DOWN BENEATH SLAB WHERE SHOWN.
- PROPOSED LOCATION FOR INCOMING WATER. REFER TO DETAIL.
- PROVIDE DOMESTIC WATER METER TO STANDARDS OF AUTHORITY HAVING JURISDICTION, C/W BACK FLOW PREVENTION. REFER TO DETAIL.
- PROVIDE BACK FLOW VALVE C/W COVER PLATE APPROXIMATELY WHERE SHOWN. EXACT LOCATION TO BE COORDINATED ON SITE.
- SANITARY AND DOMESTIC WATER SERVICES BY CIVIL.
- VENT LINE EXTENDED THROUGH ROOF C/W INCREASER AT ROOF LINE. INSULATE A MINIMUM OF 10'-0" BACK FROM ROOF PENETRATION IN ALL DIRECTIONS. COORDINATE WITH CONTRACT ADMINISTRATOR.
- EXTERIOR WALL HYDRANT TO BE LOCATED APPROXIMATELY AS SHOWN. COORDINATE EXACT LOCATION ON SITE.

- DOMESTIC HOT AND COLD WATER LINES TO DROP DOWN APPROXIMATELY WHERE SHOWN, CAPPED AND SEALED AT FLOOR LINE FOR CONNECTION OF EXTERIOR SHOWER FIXTURES. PHASE 1 GENERAL CONTRACTOR TO PROVIDE CONNECTION. GENERAL CONTRACTOR TO COORDINATE CONNECTION.
- PROVIDE DOMESTIC COLD WATER CONNECTION TO FIXTURE AS SHOWN C/W NECESSARY TRANSITIONS.
- PROVIDE DOMESTIC HOT WATER CONNECTION TO FIXTURE AS SHOWN C/W NECESSARY TRANSITIONS.
- PROPOSED LOCATION FOR LOW VOLTAGE TRANSFORMER WITHIN CEILING SPACE TO SERVE ELECTRONIC FIXTURES. GENERAL CONTRACTOR TO COORDINATE EXACT LOCATION WITH CONTRACT ADMINISTRATOR.
- PROPOSED LOCATION FOR LOW VOLTAGE TRANSFORMER BENEATH SINK FIXTURE TO SERVE ELECTRONIC FIXTURES. GENERAL CONTRACTOR TO COORDINATE EXACT LOCATION WITH CONTRACT ADMINISTRATOR.