

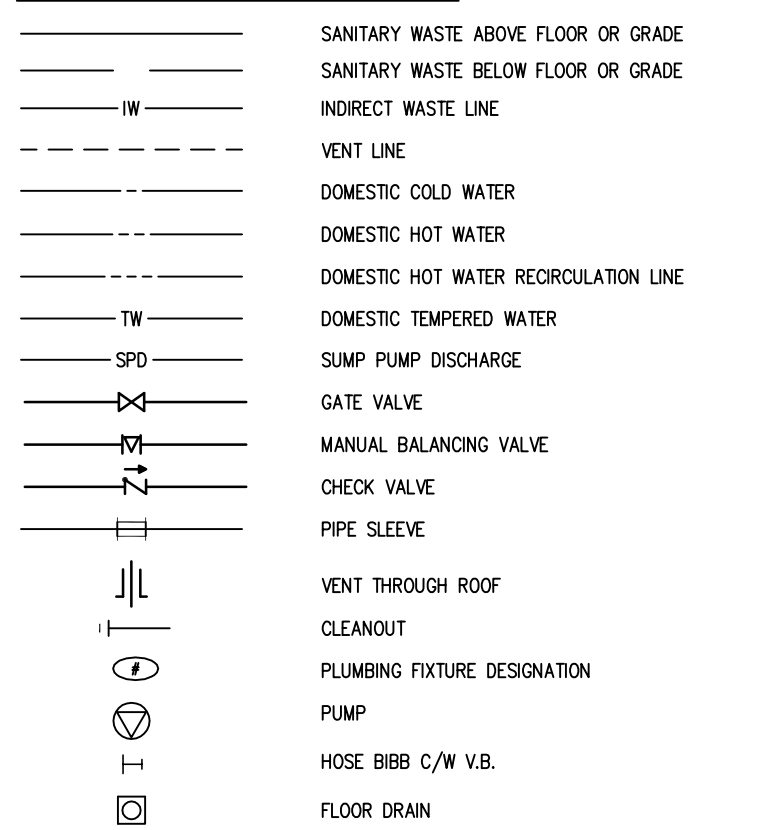
DRAWING NOTES: #

- 6" P.V.C. PIPE SLEEVE C/W SCREWED CAPS ON BOTH ENDS FOR RINK FLOODING HOSE. REFER TO ARCHITECTURAL.
- 1/2" VALVED LINE C/W RINK FLOOD FIRE HOSE CONNECTION. SECURE/BRACKET TO WALL. PROVIDE 300' 1/2" FIRE HOSE C/W BRASS COUPLINGS.
- 2" WATER SERVICE UP TO FROST-FREE WATER METER. PROVIDE DRAIN VALVE DOWNSTREAM OF METER. REFER TO STANDARD DETAIL SHEET IN SPECIFICATION.
- CONNECT NEW 8" SANITARY LINE TO SITE SERVICE. REFER TO N.D. LEA SITE PLAN FOR CONNECTION LOCATION AND INVERTS. COORDINATE WITH ELECTRICAL.
- GRIT INTERCEPTOR PIT C/W GRATED COVER. REFER TO STANDARD DETAIL SHEET AND COORDINATE WITH STRUCTURAL/G.C..
- 1/4" PUMPED DISCHARGE LINE FROM SUMP PIT TO SPLASH PAD AT GRADE. PAD PROVIDED BY G.C..
- DOMESTIC WATER LINES RUN IN BULKHEAD ON WALL IN GYM. COORDINATE WITH DUCTWORK.
- SANITARY DRAIN LINE FROM FLOOR DRAIN IN MEZZANINE. PIPE TO BELOW FLOOR SLAB.
- RUN WATER AND GAS LINES ABOVE DUCTWORK TIGHT TO UNDERSIDE OF STRUCTURE.
- RUN PIPING TIGHT TO JOIST IN BULKHEAD. COORDINATE WITH ARCHITECTURAL DRAWINGS. RUN CLOSE TO WALL.
- GAS SERVICE BY UTILITY CO.. REFER TO SITE PLAN.
- 5 PSI GAS SERVICE INTO BUILDING. RISE INSIDE OF BUILDING IN FURRED SPACE TO HIGH LEVEL. SEAL WALL PENETRATION WATER TIGHT.
- MAIN SANITARY BUILDING DRAIN CLEANOUT. EXTEND TO BELOW FINISHED FLOOR LEVEL AND PROVIDE ACCESS COVER.

- P.R.V. 5 PSI DOWN TO 7" W.C.. VENT TO ATMOSPHERE. ROUTE PIPING ON SITE. SEAL BUILDING PENETRATION WATER TIGHT. PIPE LOW PRESSURE GAS LINE DOWN TO EQUIPMENT. CONNECT WITH SWING JOINT.
- COLD WATER C/W SHUT-OFF & V.B. TO GLYCOL FILL TANK/EQUIPMENT. LOCAL DRAIN TO F.D.. ROUTE PIPING ON SITE. REFER TO M3-1.
- REDUCED ZONE BACKFLOW PREVENTER. PIPE DRAIN DOWN ON WALL.
- PLUMBING VENT THROUGH ROOF. COORDINATE ROOF FLASHING WITH ROOFING SYSTEM ON SITE.
- 5 PSI GAS, HOT, COLD AND RECIRC. WATER LINES UP TO MECHANICAL ROOM. COORDINATE WITH DUCTWORK AND BULKHEADS.
- SERVICES FROM JOIST SPACE BELOW. PIPE TO HIGH LEVEL. COORDINATE ROUTING WITH DUCTWORK.
- WATER LINES DOWN IN WALL TO FIXTURES. REFER TO SCHEMATIC DETAIL #2 ON THIS SHEET.
- 1/2" C/W LINE C/W SHUT-OFF, STRAINER/FILTER, AND B.F.P. TO ICE MACHINE AND SODA MACHINE. PROVIDE 2 VALVED BRANCH LINES AFTER FILTER ETC. PIPE ONE BRANCH LINE TO THE ICE MACHINE AND ONE BRANCH LINE TO THE SODA MACHINE. PIPE DRAINS LOCAL OVER FLOOR DRAIN. VERIFY ALL CONNECTION REQUIREMENTS ON SITE WITH PURCHASED EQUIPMENT.
- WATER LINES DOWN IN WALL TO FIXTURES. REFER TO SCHEMATIC DETAIL #1 ON THIS SHEET.
- 3/4" HOT AND COLD WATER LINES DOWN IN WALL TO FIXTURES.
- RUN 1/2" COLD WATER LINE THROUGH WALL STUDS.
- VENT LINES UP TO MECHANICAL ROOM ABOVE.
- VENT LINES FROM LEVEL BELOW. PIPE THROUGH ROOF. COORDINATE ROOF FLASHING WITH ROOFING SYSTEM.
- EXTEND CLEANOUT ABOVE FLOOR LEVEL AND PROVIDE WALL ACCESS AND PANEL.
- PIPING RUN IN JOIST SPACE.

- 1/2" HOT AND COLD WATER LINES DOWN IN WALL TO FIXTURE.
- ELECTRIC HOT WATER TANK. REFER TO STANDARD DETAIL IN SPECIFICATION. ALL WIRING BY DIVISION 16. REFER TO SPECIFICATION.
- SUBMERSIBLE SUMP PUMP C/W FLOAT ALARM AND AUTOMATIC CONTROL. ALL WIRING BY DIVISION 16. REFER TO SPECIFICATION AND STANDARD DETAIL SHEET.
- 1/2" HOT AND COLD WATER HOSE BIBBS C/W VACUUM BREAKERS. ±1000 mm AFF.
- HOT AND COLD WATER TO MIXING VALVE. PIPE TEMPERED WATER TO EMERGENCY EYEWASH FIXTURE.
- EYEWASH STATION. PIPE DRAIN LOCAL TO FLOOR DRAIN. ROUTE PIPING ON SITE. CONNECT TEMPERED WATER TO FIXTURE.
- FUTURE ZAMBONI HOT WATER HEATING EQUIPMENT VALVED/CAPPED CONNECTION.
- CONCRETE ENCASED DRAIN LINE BELOW STRUCTURAL FLOOR SLAB. REFER TO STANDARD DETAIL IN SPECIFICATION.
- RUN VENT LINE IN BULKHEAD WITH WATER LINES.
- LOCAL EQUIPMENT INDIRECT DRAIN LINE TO FLOOR DRAIN. VERIFY REQUIREMENTS WITH EQUIPMENT. ROUTE PIPING ON SITE.
- NEW 2" WATER LINE TO BUILDING. REFER TO N.D. LEA SITE PLAN.
- GAS SERVICE AND METER/VALVING/VENTING/FITTINGS ETC. BY GAS UTILITY. CONNECT TO SERVICE WITH SHUT-OFF AND P.R.V. PIPE 5 PSI SERVICE INTO BUILDING.
- FERNOCO COUPLING ON DRAIN LINE LOCATED WHERE PIPING EXISTS STRUCTURAL FLOOR SLAB. (TYP.)
- 1/2" HOSE BIBBS C/W V.B.'S SECURED TO WALL.
- 5 PSI GAS UP FROM HIGH LEVEL TO MECHANICAL ROOM.
- 5 PSI FROM STORAGE ROOM BELOW.

PLUMBING LEGEND



NATURAL GAS PRESSURE REDUCING VALVE SPECIFICATION
 EQUIMETER MODEL 143-80-2
 INDUSTRIAL SERVICE REGULATOR
 C/W INTEGRAL RELIEF
 5 PSI, 1" BODY, 1/2" ORFICE
 MAX. CAP. 250,000 BTUH
 OUTLET IS 6-14" W.C.
 PROVIDE REQUIRED REDUCING COUPLINGS ON EITHER SIDE.

PROJECT GENERAL NOTES

- ALL PLUMBING WORK TO FOLLOW THE CURRENT EDITION OF THE NATIONAL PLUMBING CODE OF CANADA 1995.
- COMPLETE GAS PIPING INSTALLATION TO FOLLOW THE LATEST CSA INTERNATIONAL B149-00 NATURAL GAS AND PROPANE INSTALLATION CODE.
- ROUGH-IN AND CONNECT ALL PLUMBING FIXTURES AND EQUIPMENT AS SHOWN ON ARCHITECTURAL DRAWINGS. PROVIDE DRAIN, VENT AND WATER PIPING AS FIXTURE REQUIRES. REFER TO SPECIFICATION.
- COORDINATE ALL MECHANICAL WITH RELATED SUB-TRADES.
- ALL DRAINAGE LINES TO BE SLOPED AT A MINIMUM OF 1% UNLESS OTHERWISE NOTED.
- ISOLATION VALVES TO BE INSTALLED ON HOT AND COLD WATER LINES TO EACH FIXTURE AND BRANCH TO A BATTERY OF FIXTURES.
- MANUFACTURED SHOCK ABSORBERS TO BE INSTALLED ON HOT AND COLD WATER LINES TO EACH FIXTURE OR BATTERY OF FIXTURES.
- PROVIDE ANCHORING AND EXPANSION LOOPS AS REQUIRED BY CODE. COORDINATE WITH PIPE ROUTING ON SITE.
- ALL DRAINAGE PIPING TO WATER CLOSERS TO BE 4" ABOVE TOP OF ROOF SCUPPERS.
- FOR LOCATION, SIZE AND INVERT OF KEEPING TILE REFER TO ARCHITECTURAL DRAWINGS.
- FOR LOCATION AND SIZE OF ALL ROOF SCUPPERS, REFER TO ARCHITECTURAL DRAWINGS.
- PIPE DRAINS FROM BACKFLOW PREVENTERS, RELIEF VALVES ETC. FULL SIZE OVER NEAREST FLOOR DRAIN. ROUTE PIPING ON SITE.
- EXPANSION JOINTS ON ALL VERTICAL DRAIN LINES RISING OUT OF CONCRETE FLOOR SLAB.
- REFER TO STRUCTURAL DRAWINGS FOR LOCATION AND SIZE OF ALL CONCRETE/STEEL BEAMS AND FOUNDATIONS ETC.
- ALL OPENINGS AROUND ALL PIPING PENETRATING ALL FLOORS AND OR WALLS TO BE SEALED WITH U.L.C. FIRE RESISTANT MATERIAL. REFER TO SPEC.
- MECHANICAL CONTRACTOR TO PROVIDE IDENTIFICATION ON CEILING TILE FOR LOCATION OF ALL VALVES. PROVIDE ACCESS PANELS IN CEILING OTHER THAN 1-BAR.
- FOR FINAL GRADE ELEVATIONS, REFER TO ARCHITECTURAL DRAWINGS.

NO.	DATE	PARTICULARS
1	05-03-23	EXPANDED TENDER
3	05-05-10	ADDENDUM ITEMS

NOTES

APEGN
 Certificate of Authorization
 SMS Engineering Ltd.
 No. 166 Expiry April 30, 2004

SMS ENGINEERING
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PROFESSIONAL SEALS

**ORIGINAL CONTRACT DRAWING
 SIGNED AND SEALED BY
 V. S. WALKES, P. ENG.
 MARCH 23, 2005**

THIS DRAWING MUST NOT BE SCALED.
 THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND OTHER DATA ON SITE PRIOR TO COMMENCEMENT OF WORK. REPORT TO THE ARCHITECT ANY DISCREPANCIES AND OMISSIONS ARE TO BE REPORTED TO THE ARCHITECT.

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PROJECT TITLE
RED RIVER COMMUNITY CENTRE REDEVELOPMENT

LOCATION
 WINNIPEG, MB
 293 MURRAY AVENUE

CLIENT
 THE CITY OF WINNIPEG

DRAWING TITLE
Ground Floor Plan Plumbing

DRAWN MF	APPROVED VSW	DRAWING M1-1
SCALE 1:75	DATE ISSUED 05-03-23	
JOB NUMBER 03-514-01	DATE PLOTTED 05-03-23	REVISION R-3

A1
B
B1
C
D
E
F
G

