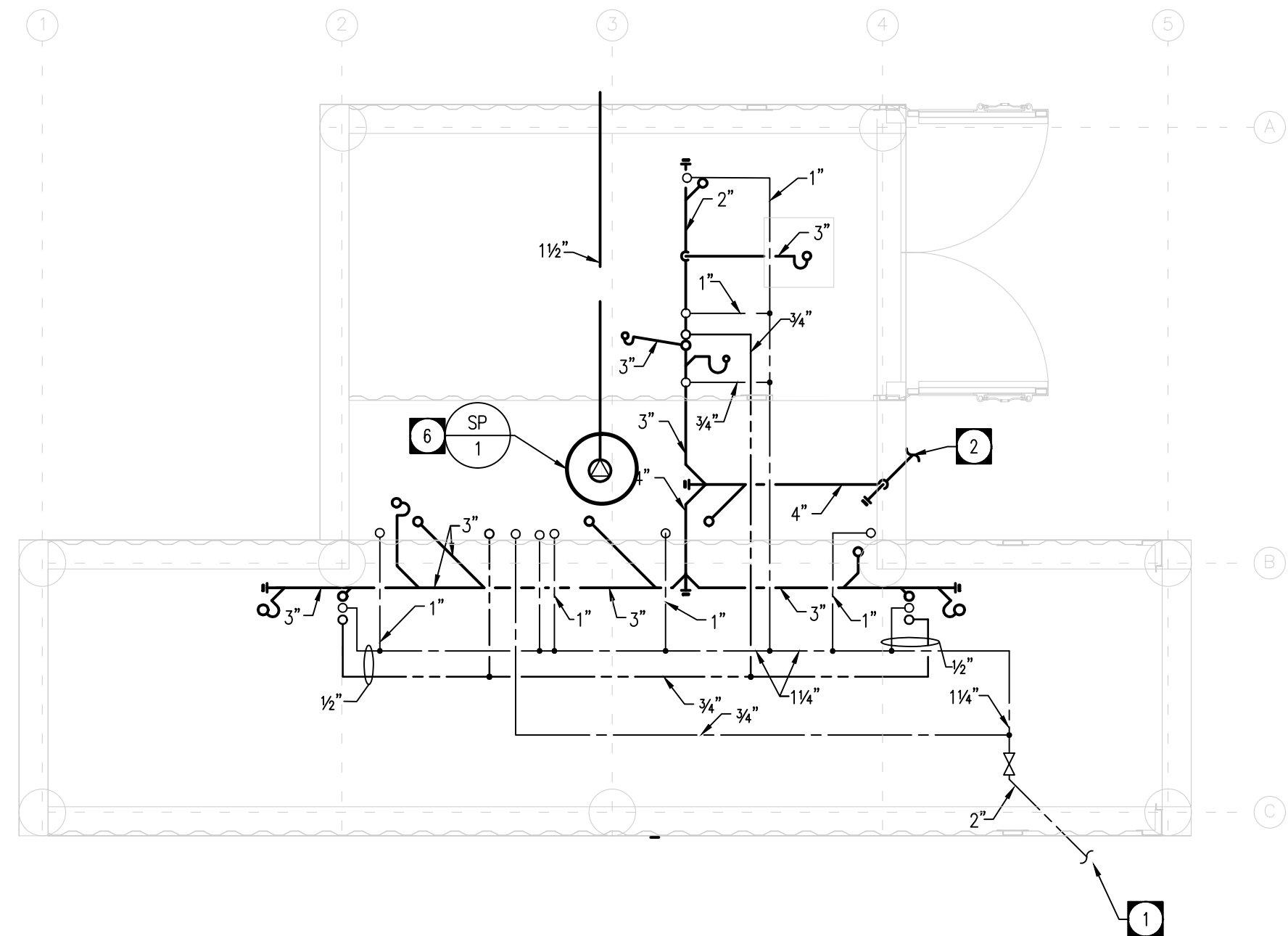


MAIN FLOOR PLAN - PLUMBING
SCALE: 1/4"=1'-0"



CRAWSPACE PLAN - PLUMBING
SCALE: 1/4"=1'-0"

LEGEND - PLUMBING	
	EXISTING SANITARY LINE BELOW GRADE
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER
	CLEANOUT
	SHUT-OFF VALVE
	EQUIPMENT TAG
	DRAWING NOTE TAG

DRAWING NOTES - PLUMBING

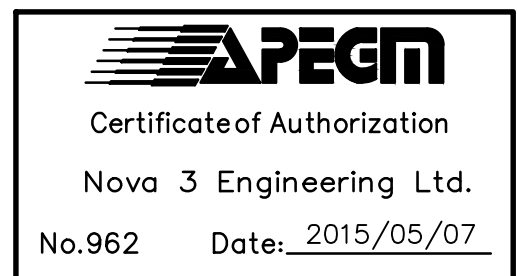
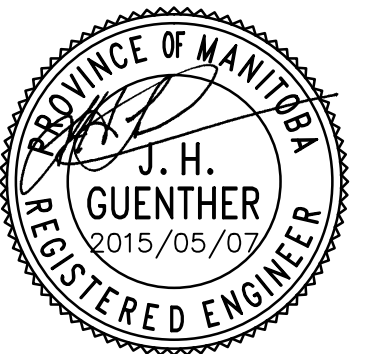
- 1 NEW DCW SERVICE FROM EXISTING WATER METER C/W IN EXISTING WASHROOM BUILDING (REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION) INTO HEATED CRAWLSPACE TO CITY OF WINNIPEG STANDARDS. EXACT DEPTH TO BE DETERMINED BY CONTRACTOR. VERIFY APPROPRIATE BACKFLOW PREVENTER IS INSTALLED AT EXISTING WATER METER.
- 2 NEW 4" SANITARY SEWER C/W CLEANOUT WITHIN CRAWLSPACE TO EXISTING SANITARY MAIN TO CITY OF WINNIPEG STANDARDS. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF EXISTING SANITARY SEWER. EXACT DEPTH/LOCATION TO BE DETERMINED BY CONTRACTOR. PROVIDE CLEANOUT WITHIN MANHOLE AT CHANGE IN DIRECTION AT CONNECTION TO EXISTING SANITARY SEWER. PLUG AND ABANDON PORTION OF EXISTING SEWER BETWEEN DEMOLISHED WASHROOM AND NEW TIE-IN LOCATION.
- 3 PROVIDE HOSE BIBB OR QUICK CONNECT TO PERMIT BLOW OUT OF WATER LINES IN AUTUMN. ALL TRAPS TO BE FILLED WITH ANTIFREEZE DURING WINTERIZATION. PROVIDE LAMECOID LABEL INDICATING PURPOSE OF HOSE BIBB/QUICK CONNECT.
- 4 EXTEND T&P RELIEF FROM HWT TANK TO FLOOR DRAIN.
- 5 EXTEND SERVICES FOR LAVATORY UP FROM CRAWLSPACE WITHIN INTERIOR WALL TO CLEAR GRADE BEAM AND OFFSET WITHIN WALL/UNDER LAVATORY TO FIXTURE. EXTEND VENT WITHIN WALL TO ROOF C/W INCREASER AT ROOF LINE.
- 6 INSTALL SAME ASSEMBLY AT LOW POINT OF CRAWLSPACE. REFER TO ARCHITECTURAL DRAWINGS. EXTEND THERMALLY INSULATED AND HEAT TRACED SUMP PUMP DISCHARGE WITHIN CRAWLSPACE WITHIN CRAWLSPACE AND DISCHARGE ABOVE GRADE TO SPLASH PAD. PAD BY OTHERS COORDINATE WITH ARCHITECTURAL.
- 7 GENERAL CONTRACTOR TO COORDINATE RELOCATION AND INSTALLATION OF EXISTING OWNER-SUPPLIED IRRIGATION EQUIPMENT CONTROLS FROM EXISTING WASHROOM BUILDING TO SERVICE CORRIDOR IN NEW WASHROOMS BUILDING. REFER TO ARCHITECTURAL DRAWINGS FOR MODEL NUMBERS.
- 8 CONTRACTOR TO COORDINATE ANY REROUTING OF EXISTING UNDERGROUND IRRIGATION LINES AS REQUIRED. REFER TO ARCHITECTURAL DRAWINGS FOR APPROXIMATE LOCATIONS.

GENERAL NOTES:

1. MECHANICAL SUBCONTRACTOR SHALL VERIFY EXACT LOCATIONS, SIZES, INVERTS, ETC. PRIOR TO COMMENCEMENT OF WORK. VERIFY ALL CONNECTION POINTS ON SITE.
2. MECHANICAL SUBCONTRACTOR SHALL ALLOW IN HIS TENDER QUOTATION FOR ALL REQUIRED MODIFICATIONS TO EXISTING SYSTEMS (I.E.) RE-ROUTING OF EXISTING PIPING AS DEEMED NECESSARY DUE TO RENOVATION WORK.
3. REFER TO ARCHITECTURAL, ELECTRICAL & STRUCTURAL DRAWINGS FOR COORDINATION PURPOSES.
4. MANUFACTURED SHOCK ABSORBERS & PARTITION STOPS TO BE INSTALLED ON ALL FIXTURES OR BATTERY OF FIXTURES.
5. ALL CUTTING & PATCHING OF FLOOR SLABS, WALLS ETC. TO BE PERFORMED BY GENERAL CONTRACTOR.
6. ALL VENT PIPING TO BE INSTALLED AS PER CODE.
7. ALL DOMESTIC WATER LINES TO BE INSULATED.
8. COORDINATE THE EXACT LOCATION OF THE GRILLES AND DIFFUSERS ON SITE WITH THE ELECTRICAL CONTRACTOR, GENERAL CONTRACTOR, ARCHITECTURAL CEILING PLAN, LIGHTING LAYOUT, ETC. TO ENSURE THAT THERE ARE NOT ANY CONFLICTS DURING INSTALLATION.
9. PROVIDE BALANCE DAMPER FOR EACH SUPPLY/EXHAUST AIR GRILLE OR DIFFUSER TO ALLOW FOR THE PROPER BALANCING OF THE SYSTEM. PROVIDE OPPOSED BLADE DAMPERS WITH THE DIFFUSER AND ADJUSTABLE FROM THE DIFFUSER FACE WHEN A DUCT MOUNTED BALANCE DAMPER WOULD NOT BE ACCESSIBLE.
10. ALL DUCT DIMENSIONS DENOTE INTERNAL "OPEN" AREA OF THE DUCT.
11. ALL DUCTWORK PENETRATING THE BUILDING THERMAL ENVELOPE SHALL BE INSULATED A MINIMUM 10'-0" BACK FROM THE BUILDING PENETRATION.
12. REFER TO ARCHITECTURAL DRAWINGS AND PROVIDE FIRE DAMPERS IN ALL WALLS DENOTED AS FIRE SEPARATIONS.
13. COORDINATE THE EXACT LOCATIONS OF EQUIPMENT, DUCT OPENINGS, AND DUCT LOCATIONS WITH THE EXISTING STRUCTURE AND THE CONTRACT ADMINISTRATOR.
14. 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.
15. THE MECHANICAL CONTRACTOR SHALL INSTALL PLUMBING, HEATING, AND VENTILATION, SYSTEMS IN COMPLETE ACCORDANCE WITH THE RECOMMENDATIONS OF THE NATIONAL/PROVINCIAL BUILDING CODE, ASHRAE, SMACNA LATEST EDITION DUCT STANDARDS, LOCAL PLUMBING CODES, AND DEPT. OF LABOUR REQUIREMENTS.
16. ALL INSULATING MATERIALS, METHODS, SIZES AND TYPES OF INSULATION FOR ALL PIPING AND DUCT WORK SHALL BE INSTALLED TO THE REQUIREMENTS OF THE ASHRAE STANDARDS 90.1 "ENERGY STANDARD FOR BUILDING EXCEPT LOW-RISE RESIDENTIAL BUILDING", AND THERMAL INSULATION ASSOCIATION OF CANADA (TIAC) STANDARDS.
17. LOCATE PLUMBING VENT THROUGH ROOF NEAR CENTER OF UTILITY ROOM.

Owner
City of Winnipeg
190 River Road, Winnipeg, MB

No.	Date	Revision Notes
1	2015.05.08	Issued for Construction



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Project
St. Vital Washrooms

Drawing
PLUMBING

Drawn By BD Reviewed By PSG
Scale As Shown Drawing No. M-1.1

Date Mar. 2015 Project No. 1445 File No. 0