

DRAWING NOTES - DEMO

- 1 EXISTING LAVATORY AND ASSOCIATED WATER PIPING AND MATERIALS TO BE REMOVED. REMOVE ALL DOMESTIC WATER PIPING BACK TO MAINS. REMOVE SANITARY PIPING BACK TO SLAB. COORDINATE EXACT REQUIREMENTS ON SITE.
- 2 EXISTING WATER CLOSET AND ASSOCIATED WATER PIPING AND MATERIALS TO BE REMOVED. REMOVE ALL DOMESTIC WATER PIPING BACK TO MAINS. REMOVE SANITARY PIPING BACK TO SLAB. COORDINATE EXACT REQUIREMENTS ON SITE.
- 3 EXISTING URINAL AND ASSOCIATED WATER PIPING AND MATERIALS TO BE REMOVED. REMOVE ALL DOMESTIC WATER PIPING BACK TO MAINS. REMOVE SANITARY PIPING BACK TO SLAB. COORDINATE EXACT REQUIREMENTS ON SITE.
- 4 EXISTING FLOOR DRAIN TO REMAIN. CONFIRM EXACT LOCATION ON SITE.
- 5 EXISTING ELECTRIC BASEBOARD HEATER TO REMAIN. CONFIRM EXACT LOCATION AND CAPACITY ON SITE.
- 6 EXISTING ELECTRIC BASEBOARD HEATER AND ASSOCIATED CONTROLS AND WIRING TO BE RELOCATED. REFER TO HVAC RENOVATION PLAN. CONFIRM EXACT LOCATION AND CAPACITY ON SITE. COORDINATE EXACT REQUIREMENTS ON SITE.
- 7 EXISTING ELECTRIC FORCEFLOW HEATER AND ASSOCIATED CONTROLS AND WIRING TO BE REMOVED. COORDINATE EXACT REQUIREMENTS AND LOCATION ON SITE.
- 8 EXISTING EXHAUST FAN AND ASSOCIATED CONTROLS AND MATERIALS TO BE REMOVED. COORDINATE EXACT REQUIREMENTS ON SITE.
- 9 EXISTING DOMESTIC WATER HOLDING TANK PUMP AND ASSOCIATED CONTROLS, PIPING AND MATERIALS TO BE REMOVED. COORDINATE EXACT REQUIREMENTS ON SITE.
- 10 EXISTING DOMESTIC WATER HOLDING TANK AND ASSOCIATED CONTROLS, PIPING AND MATERIALS TO BE REMOVED. COORDINATE EXACT REQUIREMENTS ON SITE.
- 11 EXISTING WATER HOLDING PRESSURE TANK AND ASSOCIATED CONTROLS, PIPING AND MATERIALS TO BE REMOVED. COORDINATE EXACT REQUIREMENTS ON SITE.
- 12 EXISTING WELL PUMP, PRESSURE TANK AND ASSOCIATED CONTROLS AND PIPING TO REMAIN. CONFIRM CAPACITY WITH FLOW TEST ON SITE.
- 13 EXISTING ELECTRIC UNIT HEATER TO REMAIN. CONFIRM EXACT LOCATION ON SITE.
- 14 EXISTING ELECTRIC UNIT HEATER AND ASSOCIATED CONTROLS AND WIRING TO BE RELOCATED. REFER TO HVAC RENOVATION PLAN. COORDINATE EXACT REQUIREMENTS ON SITE.
- 15 EXISTING THERMOSTAT FOR ELECTRIC BASEBOARD HEATERS TO BE RELOCATED. REFER TO HVAC RENOVATION PLAN.
- 16 EXISTING HOSE BIBB AND ASSOCIATED PIPING AND MATERIALS TO BE REMOVED. COORDINATE EXACT REQUIREMENTS ON SITE.

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

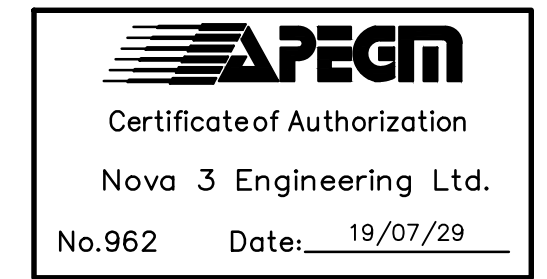
GENERAL NOTES - PLUMBING

1. MECHANICAL CONTRACTOR SHALL VERIFY EXACT LOCATIONS, SIZES, INVERTS, ETC. PRIOR TO COMMENCEMENT OF WORK. VERIFY ALL CONNECTION POINTS ON SITE.
2. MECHANICAL CONTRACTOR 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. MECHANICAL CONTRACTOR SHALL CAREFULLY REMOVE & RELOCATE EXISTING EQUIPMENT AS PER CITY'S REQUIREMENTS.
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. PROVIDE ISOLATION VALVES ON ALL FIXTURES OR FIXTURE GROUP.
8. PROVIDE TRAP SEAL TO ALL FLOOR AND HUB DRAINS. WADE OR EQUAL.
9. PROVIDE AUTOMATIC AIR VENTS AT ALL HIGH POINTS OF SYSTEM.
10. ALL DOMESTIC WATER LINES TO BE INSULATED TO MANITOBA HYDRO POWER SMART REQUIREMENTS AND MANITOBA ENERGY CODE FOR BUILDINGS REQUIREMENTS.
11. 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.
12. THE MECHANICAL 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.
13. 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 MANITOBA ENERGY CODE FOR BUILDINGS REQUIREMENTS.
14. PROVIDE DI-ELECTRIC COUPLINGS ON ALL PIPING CONNECTIONS TO HOT WATER TANKS.
15. PROVIDE APPROPRIATE FIRE-STOPPING MEASURES ON ALL PIPING PENETRATING FIRE SEPARATIONS SUBMIT SHOP DRAWINGS FOR REVIEW. ACCEPTABLE PRODUCT: HILTI, OR EQUAL.
16. INSULATE VENT PIPING BACK 10'-0" (3.0 M) FROM ROOF PENETRATIONS IN ALL DIRECTIONS.
17. COORDINATE MOUNTING HEIGHT OF ALL FIXTURES ARCHITECTURAL ELEVATIONS.
18. ALL SANITARY WASTE, VENT PIPING, RAIN WATER 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.
19. ALL CONTROL / ELECTRICAL WIRING TO MEET FLAME SPREAD RATING OF 25, DEVELOPED SMOKE RATING OF 50 AND BE RATED FOR USE IN PLENUMS.
20. PLUMBING SIZING SHOWN IS BASED ON COPPER PIPING FOR DOMESTIC WATER, AND CAST IRON PIPING FOR SANITARY AND STORM. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR COORDINATING REVISED PLUMBING SIZING WITH MANUFACTURER'S RECOMMENDATIONS AS REQUIRED WHEN USING ALTERNATE MATERIALS. SUBMIT TO CONTRACT ADMINISTRATOR FOR REVIEW PRIOR TO ORDERING MATERIALS.
21. ALL INSULATION AND COVERINGS SHALL MEET THE REQUIREMENTS OF CAN/ULC-S110 "TEST FOR AIR DUCTS" AND HAVE A FLAME SPREAD RATING NOT EXCEEDING 25 AND A SMOKE DEVELOPED CLASSIFICATION NOT EXCEEDING 50. THIS SHALL INCLUDE ALL TAPES, SEALANTS, AND MISCELLANEOUS PRODUCTS ASSOCIATED WITH THE INSTALLATION.
22. DOMESTIC WATER PLUMBING TO HANG FROM UNDERSIDE OF CEILING AT HIGH LEVEL. PROVIDE INSULATION SHIELDS ON HANGAR RODS.

LEGEND - PLUMBING

	SANITARY LINE ABOVE FLOOR/GRADE
	SANITARY LINE BELOW FLOOR/GRADE
	VENT LINE
	VENT LINE INSULATION
	PUMPED DISCHARGE LINE
	GAS LINE
	DOMESTIC COLD WATER (DCW)
	DOMESTIC HOT WATER (DHW)
	HOT WATER RECIRCULATION (DHW-R)
	CLEANOUT
	FLOOR / HUB DRAIN
	PUMP
	SHUT-OFF VALVE
	BALL VALVE
	CHECK VALVE
	MANUAL BALANCING VALVE
	UNION
	STRAINER
	PIPE ANCHOR
	WALL HYDRANT
	PRESSURE GAUGE
	THERMOMETER
	DIRECTION OF FLOW

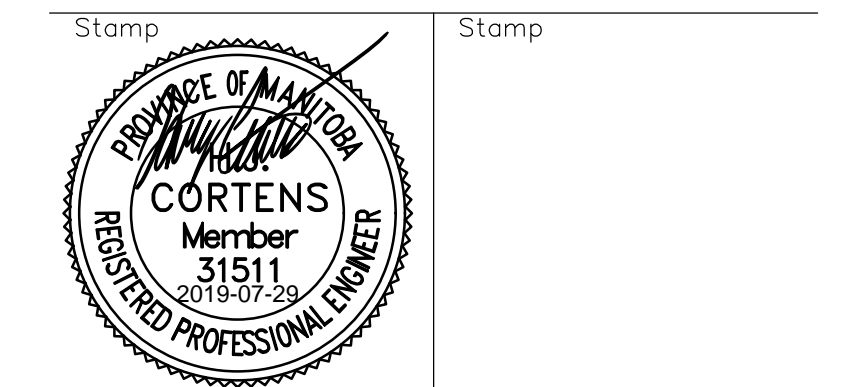
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Revisions	
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Project City of Winnipeg
Little Mountain Park
Washroom/Change Building
64093 Klimpke Road
Winnipeg, Manitoba

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