PLUMBING GENERAL NOTES

A. FIRESTOP ALL MECHANICAL PENETRATIONS THROUGH FIRE-RATED FLOOR AND WALL ASSEMBLIES. SEE ARCHITECTURAL DRAWINGS FOR LOCATION AND TYPE OF RATINGS.
B. WATER HAMMER ARRESTORS SHALL BE PROVIDED TO EACH WASHROOM AND FIXTURE GROUP.
C. ALL PIPING SHALL BE INSULATED PER THE SPECIFICATION.
D. THE LOCATION AND ROUTING OF PIPES SHOWS THE INTENT OF THE DESIGN. THE CONTRACTOR SHALL ALLOW FOR THE POSSIBILITY OF INTERFERENCES AND SHALL RESOLVE WITH OTHER TRADES ON SITE. ANY CHANGES TO THE DESIGN INTENT REQUIRE APPROVAL BY THE ENGINEER.
E. CONTRACTOR SHALL CONFIRM EXTENT OF CEILING SPACES UTILIZED AS AIR PLENUMS FROM MECHANICAL AND ARCHITECTURAL DRAWINGS PRIOR TO INSTALLATION OF PIPE TO DETERMINE REQUIRED FLAME AND/OR SMOKE RATING.
F. WHERE PIPING IS TO BE INSTALLED BELOW A STEEL DECK AND PIPING IS PARALLEL TO O.W.S.J., COORDINATE PIPE TEES AND WYES TO BE AS CLOSE TO O.W.S.J. AS POSSIBLE TO PERMIT THE SUPPORT OF PIPING FROM THE STRUCTURAL MEMBERS. PRIOR TO ORDERING ANY MATERIAL, REVIEW STRUCTURAL STEEL SHOP DRAWINGS FOR ROOF SYSTEM AND COORDINATE ROUTING. WHERE IT IS NOT FEASIBLE TO ROUTE PIPE ADJACENT TO O.W.S.J. PROVIDE SPANNING MEMBER BETWEEN TWO STRUCTURAL MEMBERS TO SUPPORT PIPING.
G. ALL NEW CORING FOR PLUMBING SERVICES SHALL BE DONE BY MECHANICAL CONTRACTOR. COORDINATE WITH ALL OTHER TRADES. CONTRACTOR SHALL SCAN FOR REBAR AND CONDUIT AND PROVIDE RESULTS OF SCAN IN WRITING TO CONSULTANT PRIOR TO CORING OR DRILLING.
H. SANITARY PIPING THROUGH CONCRETE BEAMS SHALL BE THROUGH CAST-IN-PLACE STEEL SLEEVES. REFER TO STRUCTURAL AND ARCHITECTURAL DRAWINGS FOR LOCATIONS. COORDINATE WITH GENERAL CONTRACTOR.
I. EACH WASHROOM FIXTURE GROUP SHALL HAVE A SINGLE SHUT OFF VALVE. VALVES SHALL BE FULLY ACCESSIBLE.
J. REFER TO ARCHITECTURAL DRAWINGS FOR THE EXACT LOCATION OF PLUMBING FIXTURES.
K. REFER TO STRUCTURAL DRAWINGS FOR RESTRICTIONS FOR ALL NEW FLOOR AND WALL PENETRATION LOCATIONS AND SIZES.
L. THE CONTRACTOR SHALL SIZE AND COORDINATE PLUMBING VENTING WHERE NOT SHOWN ON THE DRAWINGS. REFER TO THE DRAWINGS FOR SPECIFIC LOCATIONS AND COORDINATION REQUIREMENTS.
M. PATCH AND MAKE GOOD ALL AREAS DAMAGED BY DEMOLITION WORK TO MATCH EXISTING FINISHES. REFER TO SITE FOR FINISHES.
N. THE INTERRUPTION OF ANY SERVICES SHALL BE COORDINATED WITH THE BUILDING OWNER AND SHALL BE KEPT TO A MINIMUM.
O. ASBESTOS CONTAINING MATERIALS MAY BE PRESENT WITHIN WORK AREAS IN EXISTING BUILDINGS. COORDINATE ALL ABATEMENT REQUIREMENTS WITH THE BUILDING OWNER.

DEMOLITION GENERAL NOTES

A. CONFORM TO APPLICABLE CODE FOR DEMOLITION WORK, DUST CONTROL, PRODUCTS REQUIRING ELECTRICAL DISCONNECTION OR RECONNECTION.
B. CONFORM TO APPLICABLE REGULATORY PROCEDURES WHEN DISCOVERING HAZARDOUS OR CONTAMINATED MATERIALS.
C. CLOSE OPENINGS IN EXTERIOR SURFACES TO PROTECT EXISTING WORK FROM WEATHER AND EXTREMES OF TEMPERATURE AND HUMIDITY.
D. PROVIDE, ERECT, AND MAINTAIN TEMPORARY BARRIERS WHERE NEEDED TO CONTAIN CONSTRUCTION DEBRIS AND DUST. PROVIDE A MINIMUM MERV 8 FILTRATION ON EXISTING INLETS AND RETURN AIR DUCTS AND SYSTEMS.
E. PROTECT EXISTING MATERIALS, EQUIPMENT, AND SYSTEMS WHICH ARE NOT TO BE DEMOLISHED.
F. CONDUCT DEMOLITION TO MINIMIZE INTERFERENCE WITH OCCUPIED BUILDING AREAS.
G. DISCONNECT, REMOVE, CAP, AND IDENTIFY DESIGNATED UTILITIES WITHIN DEMOLITION AREAS.
H. REMOVE, CUT, AND PATCH WORK IN A MANNER TO MINIMIZE DAMAGE AND TO PROVIDE MEANS OF RESTORING SYSTEMS TO ORIGINAL CONDITION.
I. CAREFULLY DISMANTLE EXISTING MECHANICAL EQUIPMENT TO BE REMOVED OR RELOCATED. TEMPORARILY DISCONNECT, REMOVE, AND REINSTALL EXISTING EQUIPMENT, PIPING, DUCTWORK, CONDUIT, LIGHT FIXTURES, AND SIMILAR ITEMS, WHICH INTERFERE WITH THE NEW INSTALLATION AFTER COMPLETION OF NEW WORK OR OF EXISTING INSTALLATIONS TO BE DEMOLISHED. STORE EQUIPMENT AND MATERIALS ON THE PREMISES AS DIRECTED BY THE OWNER.
J. DEMOLISH IN AN ORDERLY AND CAREFUL MANNER. REMOVE DEMOLISHED MATERIALS FROM SITE EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE. UPON COMPLETION OF WORK, LEAVE AREAS IN CLEAN CONDITION.
K. ALL USABLE SALVAGED EQUIPMENT AND MATERIALS SHALL REMAIN THE PROPERTY OF THE OWNER UNLESS SPECIFICALLY NOTED OTHERWISE.
L. FIRESTOP ALL MECHANICAL PENETRATIONS THROUGH FIRE-RATED FLOOR AND WALL ASSEMBLIES WHERE PIPES OR DUCTS WERE REMOVED. SEE ARCHITECTURAL DRAWINGS FOR LOCATION AND TYPE OF RATINGS.
M. THE ABANDONMENT OF EXISTING EQUIPMENT AND MATERIAL IN PLACE IS NOT ACCEPTABLE. ALL REDUNDANT SERVICES ARE TO BE REMOVED BACK TO ACTIVE MAINS, WHICH SHALL THEN BE CAPPED AT EXISTING POINT OF CONNECTION.

MECHANICAL DRAWINGS

SYMBOLS & ABBREVIATIONS
M0.1 MECHANICAL SYMBOLS

DEMOLITION PLANS
MD2.0 BASEMENT - DEMOLITION PLAN
MD2.1 MAIN FLOOR - DEMOLITION PLAN

PLUMBING DRAWINGS
MP2.0 BASEMENT - PLUMBING PLAN
MP2.1 MAIN FLOOR - PLUMBING PLAN

PLUMBING LINE TYPE

DOMESTIC COLD WATER	DOMESTIC COLD WATER
DOMESTIC HOT WATER RECIRCULATION	DOMESTIC HOT WATER RECIRCULATION
DOMESTIC HOT WATER	DOMESTIC HOT WATER
RWL	RAIN WATER LEADER
SD	STORM DRAIN
SAN	SANITARY WASTE ABOVE FLOOR OR GRADE
SAN	SANITARY WASTE BELOW FLOOR OR GRADE
VEN	SANITARY VENT
CA	COMPRESSED AIR
HPCA	COMPRESSED AIR - HIGH PRESSURE
R	RETURN
VAC	VACCUM
SK	SKIMMER

LINE TYPE LEGEND

	EXISTING
	NEW CONSTRUCTION
	DEMOLISHED

PLUMBING SYMBOLS

	FLOOR DRAIN
	FLOOR DRAIN - ROUND
	ROOF DRAIN
	PIPE RISE
	PIPE DROP
	TRAP
	CLEAN OUT
	HOSE BIBB / WALL HYDRANT
	UNION
	FLANGE
	SHUT-OFF VALVE
	CHECK VALVE
	PUMP
EQ-99	FIXTURE TAG
EQ / 1i	EQUIPMENT TAG
?	KEY NOTE
?	DEMOLITION NOTE
1 / M1.1	DRAWING HEADER
WM	WATER METER
CA	COMPRESSED AIR CONNECTION
PW	PRESSURE WASHER CONNECTION

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Structural Engineering & Building Performance

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No.	REVISION/DESCRIPTION	BY	DATE
0	Issued For Construction		26-08-06

SEAL

PROVINCE OF MANITOBA
J. J. SCHELLENBERG
Member
31336
REGISTERED PROFESSIONAL ENGINEER
2026-08-06

26-08-06 DATE	Designer DESIGNED	Author DRAWN	Checker CHECKED	Approver APPROVED

THE CITY OF WINNIPEG
ASSETS & PROJECT MANAGEMENT DEPARTMENT
MUNICIPAL ACCOMMODATIONS DIVISION
3-65 GARRY STREET, R3C 4K4

PROJECT
PAN AM POOL MAIN TANK RENEWAL

25 POSEIDON BAY

SHEET TITLE
MECHANICAL SYMBOLS

SCALE	PROJECT No:	SHEET No:
As indicated	24124	M0.1

DRAWING SHEET SIZE: A1 (594x841) PLOT 1:1