



GENERAL NOTES:

- PERFORM WORK IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS, INCLUDING MANITOBA PLUMBING CODE.
- EQUIPMENT LOCATIONS, DUCT, AND PIPE ROUTING INDICATED ON THE DRAWINGS IS APPROXIMATE ONLY. CONFIRM IN THE FIELD. REROUTE DUCTWORK AND PIPING AS REQUIRED TO ELIMINATE FIELD INTERFERENCES. WITH BUILDING STRUCTURES, ELECTRICAL, ETC. CONFIRM CHANGES WITH CONTRACT ADMINISTRATOR. COORDINATE WORK WITH ALL SUBTRADES. WHERE DIMENSIONS ARE INDICATED FOR PIPING, DUCTWORK, DUCT SIZES, EQUIPMENT SIZES, ETC. THESE ARE FOR BIDDING PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE TO VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO ORDERING EQUIPMENT AND COMMENCING INSTALLATION WITHOUT EXTRA CHARGES TO THE PROJECT. THE CONTRACTOR IS RESPONSIBLE TO ENSURE ALL EQUIPMENT, DUCTWORK, AND PIPING FITS IN THE SPACE AVAILABLE AND TO MAINTAIN THE GENERAL DESIGN INTENT FOR THE SYSTEMS.
- INFILL ALL PENETRATIONS AFTER REMOVAL OF PIPING, DUCTWORK, ETC. AND FINISH TO MATCH EXISTING.
- CONFORM TO CSA B149, 1-15 NATURAL GAS AND PROPANE INSTALLATION CODE. CSA B51-14 BOILER, PRESSURE VESSEL, AND PRESSURE PIPING CODE AND REQUIREMENT OF THE OFC.
- EXISTING FLANGE GASKETS CONTAIN ASBESTOS. CONTRACTOR TO CUT PIPES APPROXIMATELY 150mm BEFORE AND AFTER EACH FLANGE AND TURN OVER THE FLANGED PORTION TO THE CITY FOR ABATEMENT.

KEYNOTES:

- FIRE SEAL PENETRATION ACCORDING TO MANUFACTURER'S INSTRUCTIONS USING ULC LISTED FIRE STOP METHOD (TYP.)
- INSTALL POLY VENT AS PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. (THE SHAFT SHALL BE CONSIDERED AS A CONFINED SPACE. ENTRY BY FULLY TRAINED PERSONNEL ONLY.)
- INSTALL NEW BOILERS DWB-1 AND DWB-2 AS SHOWN. FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS. MAINTAIN MINIMUM CLEARANCE OF 600mm AROUND THE BOILERS. PROVIDE CONDENSATE NEUTRALIZER, TRAP AND ASSOCIATED PIPING TO DRAIN. PROVIDE ALL RIGID PIPING. (SEE STRUCTURAL DRAWINGS FOR CONCRETE PAD AND STEEL SUPPORTS).
- INSTALL NEW STORAGE TANKS AS SHOWN. PROVIDE PIPING CONNECTIONS. (SEE STRUCTURAL DRAWINGS FOR CONCRETE PAD).
- CUT EXISTING CATWALK AS REQUIRED TO ALLOW FOR VENT PENETRATION (x2).

NOTES:

THESE DRAWINGS SHALL NOT BE SCALED.

THE CONTRACTOR SHALL VISIT THE SITE AND SATISFY ONESELF ALL DIMENSIONS, DATUM, AND DETAILED INFORMATION SHOWN ARE CORRECT.

THE CONTRACTOR IS TO REVIEW AND COORDINATE ALL ARCHITECTURAL, MECHANICAL, ELECTRICAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL OPENINGS THROUGH FLOORS, WALLS, AND CEILINGS FOR DUCT, PIPE & ELECTRICAL RISERS AND ALL OPENINGS NOT SHOWN ON DRAWINGS.

ALL OPENINGS THROUGH THE FIRE SEPARATIONS AS A RESULT OF THE WORK OF THIS CONTRACT ARE TO BE FIRE STOPPED AND SEALED WITH ULC APPROVED FIRE STOPPING TO MAINTAIN THE INTEGRITY OF THE FIRE SEPARATION, AND PROVIDE A SMOKE-TIGHT BARRIER.

ALL PRODUCTS AND MATERIALS TO BE USED AND INSTALLED SHALL CONFORM WITH MANUFACTURER'S SPECIFICATIONS & APPLICABLE CODES.

THE CONTRACTOR SHALL BE RESPONSIBLE TO PATCH AND MAKE GOOD ALL EXISTING CONSTRUCTION AFFECTED BY THE REMOVAL OF ALL ITEMS FORMING THE PART OF THE RENOVATION WORK.

WHERE NEW FLOORING AND BASE IS TO BE INSTALLED IN EXISTING AREAS (REFER TO FLOOR PLAN AND ROOM SCHEDULE) THE EXISTING FLOORING SURFACE AND BASE MUST BE REMOVED, UNLESS OTHERWISE NOTED. ALL FLOOR SURFACES SHALL BE PREPARED IN ACCORDANCE TO MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION OF NEW FLOOR.

WHERE PAINTING OF EXISTING WALLS IS INDICATED ON THE ROOM SCHEDULE, THESE WALLS MUST BE CLEANED OF ANY EXISTING WALL COVERING, PATCHED & PREPARED TO ACCEPT NEW MATERIAL, UNLESS OTHERWISE NOTED.

LEGEND:

---	NEW EQUIPMENT/PIPING
---	EXISTING EQUIPMENT/PIPING TO REMAIN
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
DHWR	DOMESTIC HOT WATER RETURN
HWS	HOT WATER SUPPLY
HWR	HOT WATER RETURN
SAN	SANITARY
FD	FLOOR DRAIN
NG	NATURAL GAS
AP	AIR PURGE
B-	BOILER
EB-	ELECTRIC BOILER
PL-	PUMP
HWT-	HOT WATER TANK
HX-	HEAT EXCHANGER
DW	DOMESTIC WATER

No.	REVISION/DESCRIPTION	BY	DATE
1	RE-ISSUED FOR TENDER		16.12.24
0	ISSUED FOR TENDER	PSS	16.11.28



DRAWN	ML	CHECKED	MAF	DESIGNED	MAF	APPROVED
DATE		USER APPROVAL				

THE CITY OF WINNIPEG
PLANNING, PROPERTY AND
DEVELOPMENT DEPARTMENT
MUNICIPAL ACCOMMODATIONS DIVISION
3-65 GARRY STREET, R3C 4K4

PROJECT
REPLACEMENT OF
DOMESTIC HOT WATER
SYSTEM AT PAN AM POOL
25 POSEIDON BAY

SHEET TITLE
MECHANICAL
SECTIONS AND DETAILS - 2

SCALE AS SHOWN	PROJECT No: 16-0107-026	SHEET No: M07
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