



KEY PLAN
SCALE: N.T.S.

WORK SEQUENCE:

- EXISTING STORAGE TANK (TK-1) AND EXISTING RE-CIRCULATION PUMPS SHALL REMAIN IN SERVICE UNTIL THE NEW BOILERS AND NEW STORAGE TANKS (ST-1 & ST-2) ARE INSTALLED AND COMMISSIONED.
- PROVIDE TEMPORARY RELOCATION OF EXISTING PUMPS AND PIPING AS REQUIRED TO FACILITATE CONSTRUCTION.
- REMOVE EXISTING STORAGE TANK (TK-1) AND PUMPS UPON COMMISSIONING OF NEW BOILERS.
- INSTALL NEW STORAGE TANKS (ST-3 & ST-4).

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:

- DISCONNECT, DISMANTLE AND REMOVE EXISTING DOMESTIC WATER STORAGE TANKS. TANK TK-1 TO REMAIN OPERATIONAL UNTIL NEW HOT WATER BOILERS ARE INSTALLED. PROVIDE TEMPORARY PIPING AS REQUIRED TO DIRECT ALL DCW, DHW, AND DHWR TO TANK TK-1. (TYP.)
- REMOVE EXISTING DUCTWORK (TYP.)
- REMOVE EXISTING WATER TREATMENT EQUIPMENT. REMOVE ALL ASSOCIATED PIPING BACK TO MAINS AND CAP (TYP.)
- REMOVE EXISTING POT FEEDER AND CAP PIPING.
- REMOVE EXISTING ABANDONED PUMPS AND ASSOCIATED PIPING. REMOVE BRANCHES UP TO 3000 MAIN HEADERS AND CAP. PIPING TO MAIN HEADER NOT SHOWN FOR CLARITY. (TYP.)
- REMOVE EXISTING DOMESTIC WATER PUMPS AND ASSOCIATED PIPING, CONTROLS AND SUPPORTS. TEMPORARILY RELOCATE PUMPS WHERE REQUIRED TO MAINTAIN HOT WATER SERVICE DURING CONSTRUCTION. (TYP.)
- SEAL FIRE RATED CEILING AFTER REMOVAL OF PIPE.
- REMOVE EXISTING 3-WAY VALVES ASSOCIATED WITH TANKS TK-1 AND TK-2 AND ALL ASSOCIATED CONTROLS (TYP.) TURN OVER 3-WAY VALVES TO THE CITY.
- REMOVE PORTION OF EXISTING BY-PASS LINE AND CAP AS SHOWN.
- FLANGE GASKETS AT VALVE CONTAINS ASBESTOS. CUT PIPE BEFORE AND AFTER VALVE. TURN OVER VALVE TO THE CITY FOR ABATEMENT.
- REMOVE EXISTING SHELF AND BRACKETS.

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 AND 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:

---	EXISTING EQUIPMENT/PIPING TO BE REMOVED
---	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
PU	PUMP
HWT	HOT WATER TANK
HX	HEAT EXCHANGER
PUMP	PUMP
TIP	TIE IN POINT

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



DATE	USER	APPROVAL
	ML	CHECKED
	MAP	DESIGNED
		APPROVED

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 BOILER ROOM PLAN DEMOLITION		
SCALE AS SHOWN	PROJECT No: 16-0107-026	SHEET No: M01

BOILER ROOM PLAN - NEW
SCALE 1:75

SCALE VERIFIED BY: BS

