

PIPING SCHEMATIC - NEW DOMESTIC WATER BOILERS AND STORAGE TANKS  
SCALE N.T.S.

**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:**

— DCW —	DOMESTIC COLD WATER	⊙	PRESSURE GAUGE
— DHW —	DOMESTIC HOT WATER	⊞	UNION
— DHW-R —	DOMESTIC HOT WATER RETURN	→	FLOW DIRECTION
→	FLOW DIRECTION	T	TEMPERATURE SENSOR
HE	HEAT EXCHANGER	P	PRESSURE SENSOR
FF	FORCE FLOW HEATER	⊞	THERMOMETER
BB	BASEBOARD HEATER		
EXP	EXPANSION TANK		
HSE	HYDRONIC SYSTEM FEED		
PL	PUMP		
CV	CONTROL VALVE		
OFF	CHEMICAL POT FEEDER		
LWCO	LOW WATER CUT OFF		
⊞	BALL VALVE		
⊞	BALANCE VALVE		
⊞	BUTTERFLY VALVE		
⊞	3-WAY VALVE		
⊞	GATE VALVE		
⊞	PRESSURE RELIEF VALVE		
⊞	AIR VENT		
AP	AIR PURGER		
⊞	FILTER		
⊞	SITE GLASS		
⊞	DRAIN		
⊞	FLEXIBLE CONNECTION		
⊞	REDUCER		
FS	FLOW SWITCH		
TIP	TIE IN POINT		

No.	REVISION/DESCRIPTION	BY	DATE
0	ISSUED FOR TENDER		16.11.28



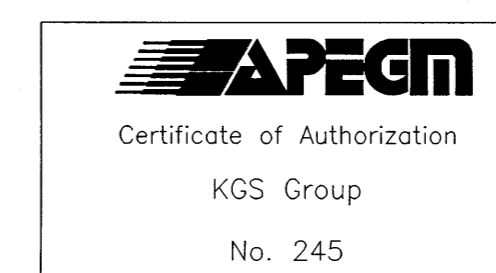
DRAWN	CHECKED	DESIGNED	MAP	APPROVED
ML				
DATE	USER APPROVAL			

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  
 PIPING SCHEMATIC - 1

SCALE	PROJECT No:	SHEET No:
AS SHOWN	16-0107-026	M08



SCALE VERIFIED BY: N/A