PIPING LINE TYPES

ITEM	SYMBOL	REMARKS
NATURAL GAS		
REHEAT WATER SUPPLY		
REHEAT WATER RETURN		
CHILLED WATER RETURN	CHWR	
CHILLED WATER SUPPLY	CHWS	
CONDENSING WATER SUPPLY		
CONDENSING WATER RETURN		
LIGHT LINE		EXISTING TO REMAIN
DARK LINE		EXISTING TO BE DEMOLISHED

EQUIPMENT LEGEND
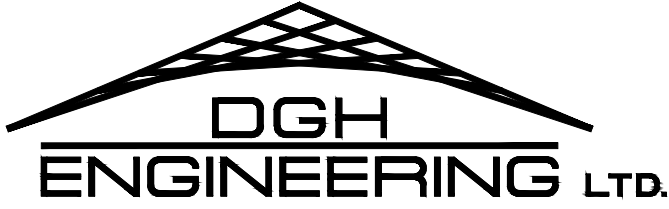
ITEM	SYMBOL	REMARKS
CHILLER	CH-#	
PUMP	P-#	

1 EXISTING MECHANICAL ROOM
D102 SCALE: 1:50

DEMOLITION NOTES:

1. ISOLATE AND DRAIN COOLING TOWER AND WATER SIDE FLUID.
2. ISOLATE CHILLED WATER-COOLING SYSTEM WITH PROPYLENE GLYCOL. GLYCOL TO BE DRAINED AND RETAINED FOR REUSE.
3. REMOVE AND RECYCLE ALL EXISTING REFRIGERANT FROM CHILLER.
4. COORDINATE DISCONNECTIONS AND EQUIPMENT REMOVAL WITH CHILLER SCHEMATIC.
5. REMOVE INNOTECH CONTROLLERS FOR THE FOLLOWING PANELS: 104, 105, 106.
6. ISOLATE AND REMOVE PUMPS P-3, P-4, P-5, AND P-6.
7. DISCONNECT AND REMOVE EXISTING COOLING TOWER.
8. DISCONNECT AND REMOVE EXISTING CHILLER.
9. DRAIN ALL SUPPLY AND RETURN PIPING IN CRAWLSPACE TO AND FROM AHU-1, AHU-2, AND AHU-3 FROM CHILLER.
10. DISCONNECT AND REMOVE EXISTING SUPPLY PIPING IN CRAWLSPACE TO AND FROM AHU-1, AHU-2, AND AHU-3 FROM CHILLER.
11. DRAIN ALL CHEMICAL FEEDER PIPING, INCLUDING MAKEUP WATER PIPING.
12. DISCONNECT CHEMICAL FEEDER PIPING, TANKS, PUMPS, AND ASSOCIATED CONTROLS. PIPING TO BE RE-USED FOR NEW CHEMICAL FEEDER IN NEW LOCATION.

NOTE:
SEE SCHEMATIC ON D104 FOR VALVES TO BE CLOSED

5		
4		
3		
2		
1		
0	ISSUED FOR TENDER	2021-08-20
Revision	Description	Date

Client

PUBLIC WORKS & GOVERNMENT SERVICES

269 MAIN STREET SUITE 310
WINNIPEG, MB. R3C 1B3

Project title

MORDEN, MB. R6M 1Y5
101 RTE 100 #100
MORDEN RESEARCH & DEVELOPMENT CENTRE

AAFC MRDC: CHILLER & BOILER UPGRADE (CHILLER SCOPE ONLY)

Designed by: LL
Drawn by: NB
Approved by: JKN
PWGSC Project Manager: OWEN VAN WALLEGHEM

Drawing title

**MECHANICAL DEMOLITION PLAN
MAIN FLOOR
MECHANICAL ROOM**

Project no./No. du projet	Drawing no./No. du dessin	Revision no.
R.111908	D102	00
	4 OF 15	