



1 **EXISTING REHEAT AND CHILLED WATER SYSTEMS**
D104 SCALE: N.T.S.

DEMOLITION NOTES:

- EXISTING CHILLER PACKAGE TO BE REMOVED.
- VALVE TO BE CLOSED.
- EXISTING PUMPS P-3, P-4, P-5, AND P-6 TO BE REMOVED.
- COOLING TOWER TO BE REMOVED.
- EXISTING SUPPLY AND RETURN CHILLED WATER PIPING TO AND FROM AHU-1, AHU-2, AND AHU-3 IN CRAWLSPACE ARE TO BE REMOVED.
- EXISTING PIPING TO BE REMOVED AS REQUIRED TO ADD FITTINGS FOR SECOND CHILLER.
- EXISTING CHEMICAL FEED SYSTEM TO BE REMOVED.

| LEGEND | | |
|---|--------|---------|
| ITEM | SYMBOL | REMARKS |
| FITTING - BUTTERFLY VALVE | | |
| FITTING - BALL VALVE | | |
| FITTING - CHECK VALVE | | |
| FITTING - WATER (GLYCOL) STRAINER | | |
| FITTING - PIPE UNION | | |
| FITTING - SOLENOID VALVE | | |
| FITTING - CONTROL VALVE | | |
| FITTING - 3 WAY MIXING VALVE | | |
| FITTING - PRESSURE RELIEF VALVE | | |
| FITTING - AIR SEPARATOR | | |
| DEVICE - AIR VENT | | |
| DEVICE- TEMPERATURE SENSOR | | |
| DEVICE- PRESSURE GAUGE | | |
| SYSTEM PUMP (P-#) | | |
| FLOW MEASURING STATION | | |
| PIPING - ANNOTATION, PIPE SIZE (Ø00mm DIAMETER) | | |



SEAL



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

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|--|---------------------------------|
| Designed by LL | Conçu par |
| Drawn by NB | Dessiné par |
| Approved by JKN | Approuvé par |
| PWSSC Project Manager OWEN VAN WALLEGHEM | Administrateur de Projets TPSGC |

Drawing title
**EXISTING REHEAT AND CHILLED WATER
SYSTEM SCHEMATICS
DEMOLITION**

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|--|--|---------------------------|
| Project no./No. du projet R.111908 | Drawing no./No. du dessin D104 | Revision no. 00 |
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