

THIS SCHEMATIC IS A GENERAL REPRESENTATION OF A CHILLER PLANT WITH EQUAL SIZE CHILLERS OPERATING IN PARALLELS.

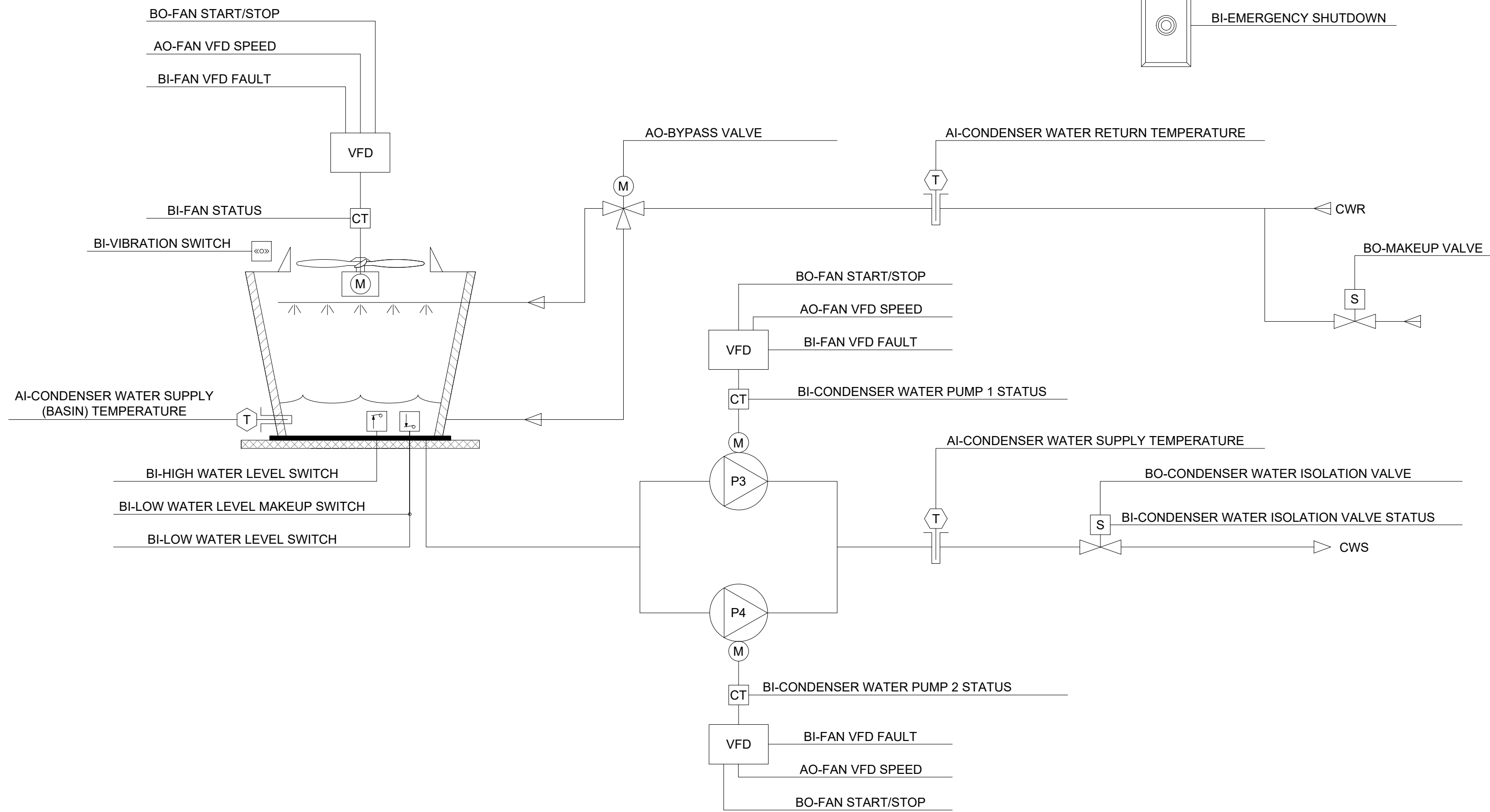
THE CHILLER MANAGER CALLS EACH CHILLER TO RUN BASED ON LOAD. SEE INDIVIDUAL CHILLER SCHEMATICS FOR SPECIFIC POINTS.

THE CHILLER MANAGER IS CONTROLLING ALL POINTS OF THE COOLING TOWER SCHEMATICS AND COOLED CHILLER SCHEMATICS. THE BMS SYSTEM WILL BE CONTROLLING THE CHILLER MANAGER.

1 CHILLER MANAGER SCHEMATICS

H105

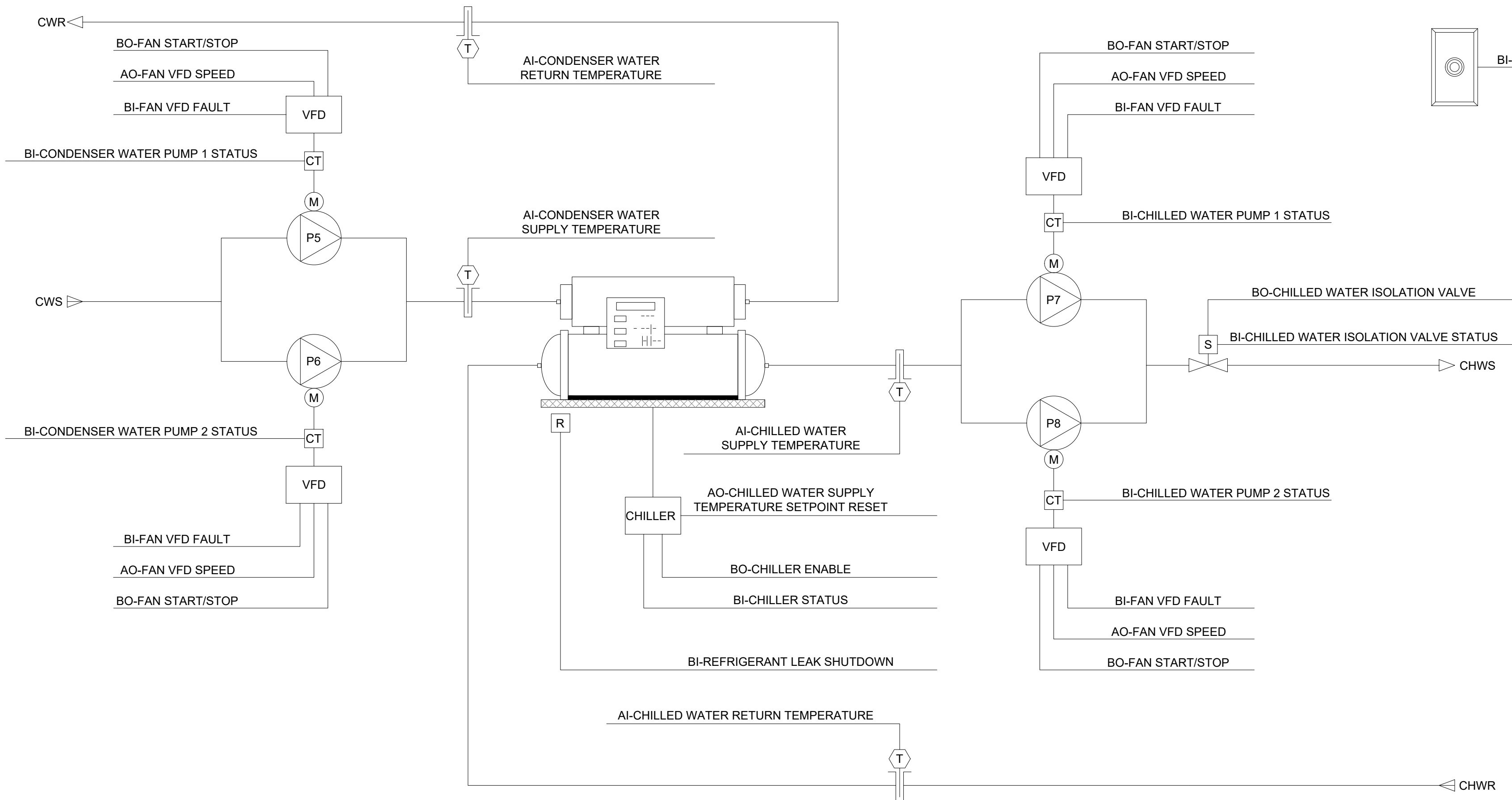
SCALE: N.T.S.



2 COOLING TOWER SCHEMATICS

H105

SCALE: N.T.S.



3 COOLED CHILLER SCHEMATICS

H105

SCALE: N.T.S.



SEAL



Certificate of Authorization
DGH Engineering Ltd.

No. 540 Date: 2021-08-19

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)**

Designed by LL Conçu par

Drawn by NB Dessiné par

Approved by JKN Approuvé par

PWGSC Project Manager Administrateur de Projets TPSGC
OWEN VAN WALLEGHEM

Drawing title Titre du dessin

**NEW CHILLER
CONTROL SYSTEM
SCHEMATICS**

Project no./No. du projet	Drawing no./No. du dessin	Revision no.
R.111908	H105	00