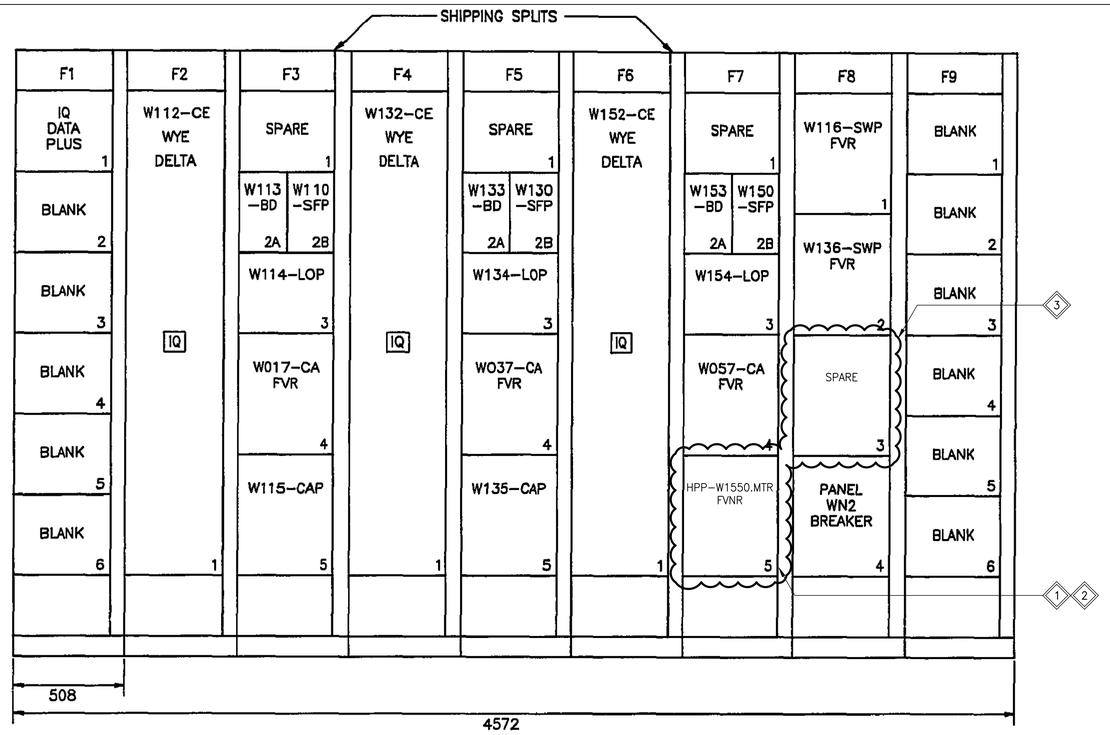
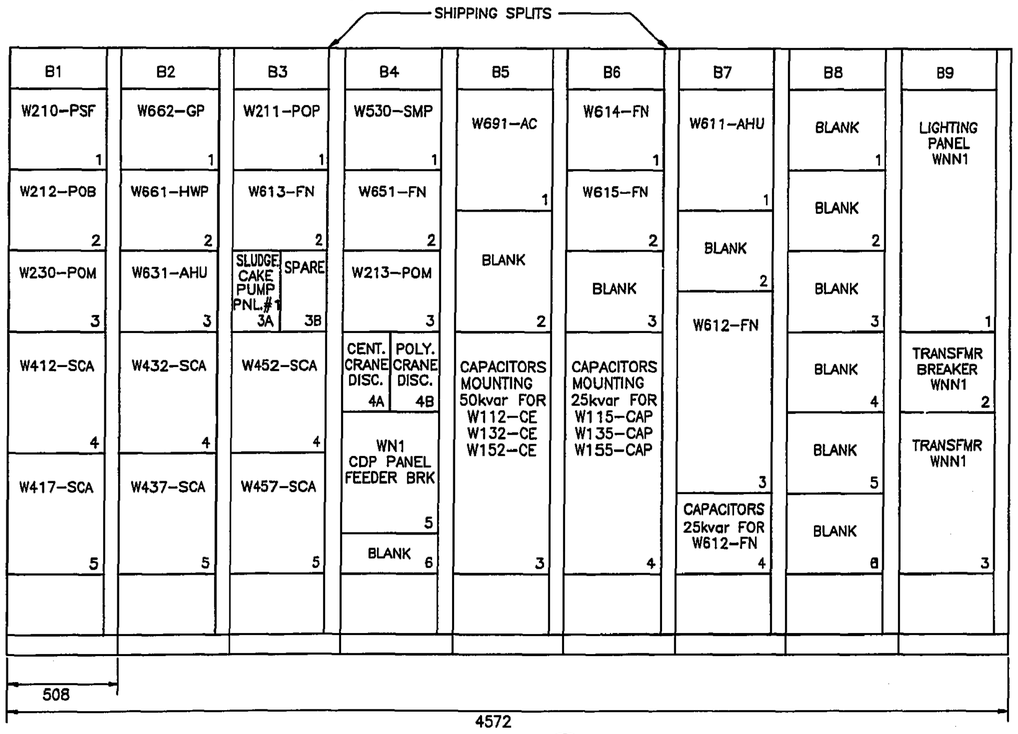


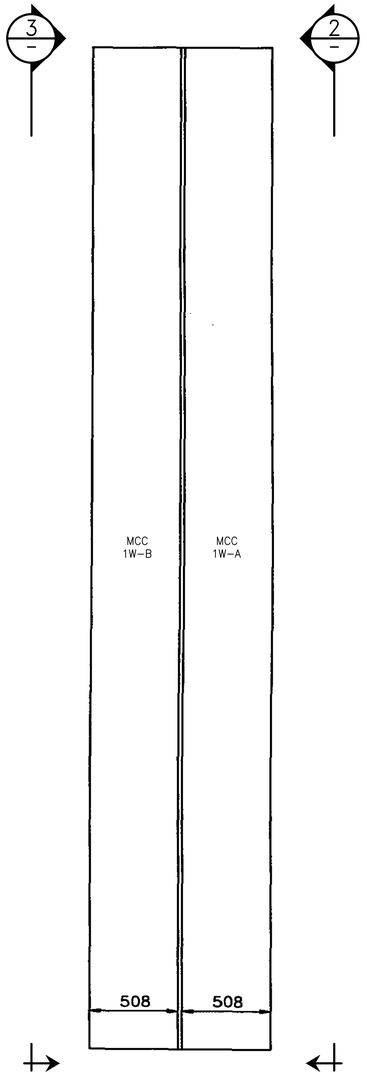
2 — MCC 1W–A FRONT SIDE ELEVATION

SCALE: N.T.S.



3 — MCC 1W–B BACK SIDE ELEVATION

SCALE: N.T.S.



1 — MCC 1W PLAN VIEW

SCALE: N.T.S.

GENERAL NOTES:

1. MOTOR CONTROL CENTRE ELEVATION IS EXISTING AND HAS NOT BEEN VERIFIED FOR ACCURACY BY CONTRACT ADMINISTRATION.
2. THIS DRAWING SUPERSEDES EXISTING DRAWING NEP–1654.
3. THE ENGINEER'S DESIGN RESPONSIBILITY IS LIMITED TO THE NEW WORK INDICATED BY THE CLOUDED PORTION OF THE DRAWING.
4. EACH MCC IS DEAD FRONT, FULL BACK COVER. INSTALLED BACK TO BACK, MAIN BUS NOT COMMON.

KEYNOTES:

1. EXISTING SLUDGE CAKE PUMP #5 STARTER AND CABLING TO BE REUSED AND RECONNECTED TO NEW SLUDGE PUMP SKID.
2. EXISTING W155–CAP BUCKET TO BE RELABELLED WITH UPDATED TAG. ELECTRICAL SUB CONTRACTOR TO UPDATE EQUIPMENT LAMACOID TO MATCH SCHEDULE PER DRAWING 1–0101–ESCH–W001.
3. SWASH PLATE (W156–SWP) CABLING TO BE DEMOLISHED BACK TO MCC AND MADE SAFE. EXISTING MCC BUCKET TO BE TAGGED AS 'SPARE'.

IDENTIFIER: MCC–W1	
DESCRIPTION: DEWATERING MCC	LOCATION: DEWATERING BUILDING
SUPPLY: 600V 3PH 4W	AMPS: 2000A
MCB FRAME: N/A	MCB TYPE: N/A
MCB SETTINGS: N/A	
TOTAL CONNECTED LOAD: EXISTING	TOTAL DEMAND LOAD: EXISTING

NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE
10	–	–
9	–	–
8	–	–
7	–	–
6	–	–
5	–	–
4	–	–
3	–	–
2	–	–
1	1–0101–ESCH–W001	MCC–1W SCHEDULE

REFERENCE DRAWINGS

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
KGS Group
No. 245

NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR CONSTRUCTION	2026–04–02		

KGS GROUP

DESIGNED BY: M. BERGEN	CHECKED BY: C. ROBINSON
DRAWN BY: D. SHABATAEV	APPROVED BY: C. ROBINSON
SCALE: AS NOTED	ISSUED FOR CONSTRUCTION
DATE: 2026–04–02	BY: DATE:

CONSULTANT NO.: 25–0107–017_E1

ENGINEER'S SEAL
PROVINCE OF MANITOBA
C.L. ROBINSON
Member
35963
2026–04–02
REGISTERED PROFESSIONAL ENGINEER

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

NORTH END SEWAGE TREATMENT PLANT (NEWPCC)
SLUDGE CAKE PUMP UPGRADE
ELECTRICAL
MCC LAYOUT – MCC–1W–A & B AND DETAILS

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1–0101–ECBD–W001		00	A1

A1 SIZE – 594mm x 841mm

LAST SAVE: 2026/04/02 – 3:18pm
PATH: R:\Projects\2025\25–0107–017\Dwg\Elec\1–0101–ECBD–W001.dwg