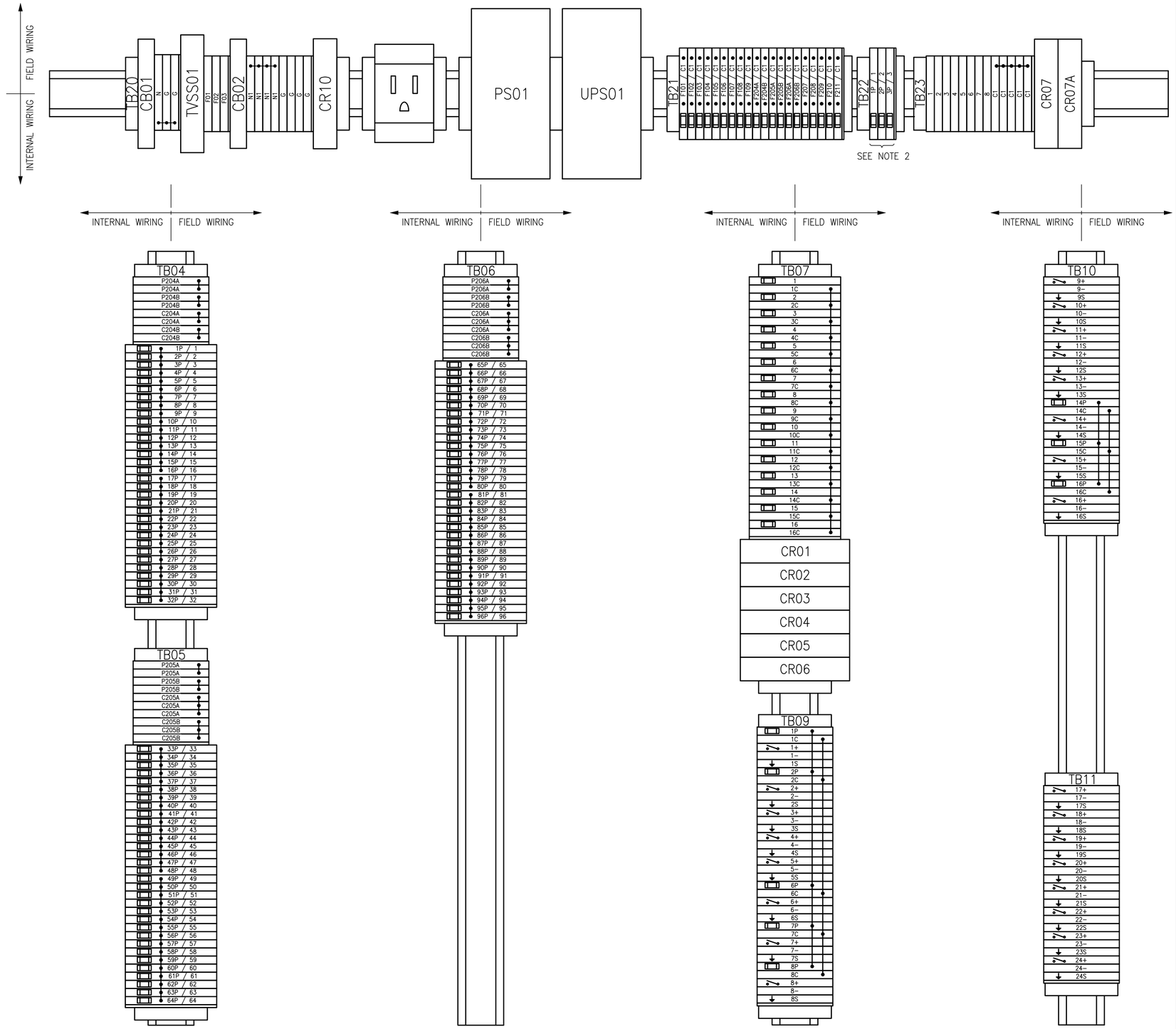
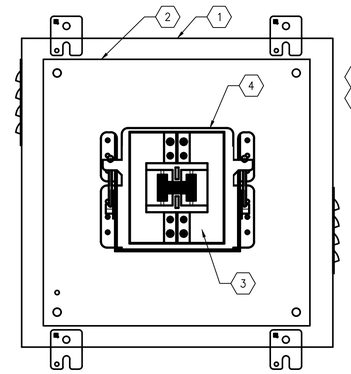


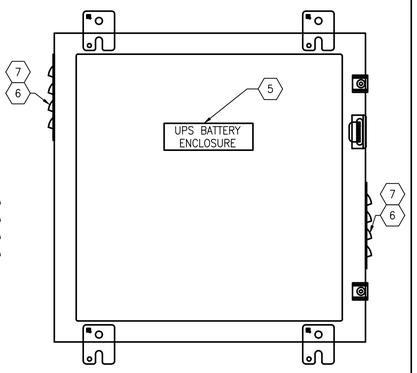
PARTIAL INTERNAL PANEL LAYOUT

SCALE: N.T.S.



INTERIOR PANEL VIEW

SCALE: 1 : 5



EXTERIOR PANEL VIEW

SCALE: 1 : 5

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

125 0 125 250mm

1 : 5

BILL OF MATERIAL

ITEM	QTY	DESCRIPTION	MANUFACTURER	CATALOG NUMBER
1	1	508mm X 508mm X 254mm, WALL MOUNTED TYPE 12 ENCLOSURE	HOFFMAN	A202010LP
2	1	BACKPAN	HOFFMAN	A20P20
3	1	EXTERNAL BATTERY PACK	PHOENIX CONTACT	UPS–BAT/PB/24DC/20AH (1348516)
4	1	BATTERY MOUNTING CASE	PHOENIX CONTACT	1134645
5	AS REQ'D	LAMACOID WHITE WITH BLACK TEXT	–	–
6	2	LOUVRE	HOFFMAN	AVK44
7	2	LOUVRE FILTER	HOFFMAN	AFLT44

CONNECTOR LEGEND:

S1 — BMX FCW 303 40–WAY CONNECTOR WITH FLYING LEADS

S2 — BMX FTB 2010 SCREW CLAMP TERMINAL BLOCK

S3 — BMX FTW 308S 28–WAY REMOVABLE TERMINAL BLOCK WITH FLYING LEADS

MANUFACTURER: SCHNEIDER ELECTRIC
RACK 00: BME XBP 1200

PS	00	01	02	03	04	05	06	07	08	09	10	11
POWER SUPPLY (BMX CPS 3020)	PROCESSOR (BME P58 3020)		BMX NOR 0200H	BMX NOR 0200H	DISCRETE INPUT (BMX DDI 3202K) S1	DISCRETE INPUT (BMX DDI 3202K) S1	DISCRETE INPUT (BMX DDI 3202K) S1	DISCRETE OUTPUT (BMX DDO 1602) S2	SPACE (BMX XEM 010)	ANALOG INPUT (BMX AMI 0810) S3	ANALOG INPUT (BMX AMI 0810) S3	ANALOG INPUT (BMX AMI 0810) S3

1 – PLC–F81 LAYOUT

SCALE: N.T.S.

DRAWING NUMBER	REFERENCE DRAWINGS
1–0118F–A0011	I/O WIRING CONTROL PNL CP–F81 ANALOG INPUTS RACK 00, MOD 11
1–0118F–A0010	I/O WIRING CONTROL PNL CP–F81 ANALOG INPUTS RACK 00, MOD 10
1–0118F–A0009	I/O WIRING CONTROL PNL CP–F81 ANALOG INPUTS RACK 00, MOD 09
1–0118F–A0008	I/O WIRING CONTROL PNL CP–F81 DISCRETE OUTPUTS RACK 00, MOD 07
1–0118F–A0007	I/O WIRING CONTROL PANEL CP–F81 DISCRETE INPUTS RACK 00, MOD 06
1–0118F–A0006	I/O WIRING CONTROL PANEL CP–F81 DISCRETE INPUTS RACK 00, MOD 05
1–0118F–A0005	I/O WIRING CONTROL PANEL CP–F81 DISCRETE INPUTS RACK 00, MOD 04
1–0118F–A0004	POWER DISTRIBUTION PLC SCHEMATIC CONTROL PANEL CP–F81
1–0118F–A0003	NETWORK BLOCK DIAGRAM PLC CONTROL PANEL CP–F81

NOTES:

1. PLC–F81, MDM01, MDM02 AND RJ11 (SURFACE MOUNT JACK) ARE NOT SHOWN ON THIS DRAWING.
2. TB22 TERMINALS ARE ALL SPARES.

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
SNC-Lavalin Inc.
No. 4489

NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR CONSTRUCTION, TENDER 167–2023	2023/03/02	MS	BC

SNC·LAVALIN

SNC–LAVALIN INC.
148 Nature Park Way
Winnipeg, MB, Canada R3P 0X7
204–786–8080

DESIGNED BY: M. SARIC	CHECKED BY: B. CLEVEN
DRAWN BY: M. SARIC	APPROVED BY: B. CLEVEN
SCALE: AS NOTED	ISSUED FOR CONSTRUCTION BY: K. ZUREK
DATE: 2022/07/06	DATE: 2023/03/02
CONSULTANT NO.:	

ENGINEER'S SEAL

PROVINCE OF MANITOBA
M. SARIC
Member
46571
REGISTERED PROFESSIONAL ENGINEER
2023-03-02

REV. 00

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

BANNATYNE FLOOD PUMPING STATION
2023 UPGRADES
PANEL LAYOUT & BILL OF MATERIAL
PLC CONTROL PANEL CP–F81

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1–0118F–A0002	002	00	A1

A1 SIZE – 594mm x 841mm

LAST SAVE: 2023/03/02 – 4:10pm
PATH: \\Winpdc1\proj$\691232\4ENG\48C\DD – General DWG\1–0118F–A0002–002_Rev00.dwg

1–0118F–A0002–002_Rev00.dwg