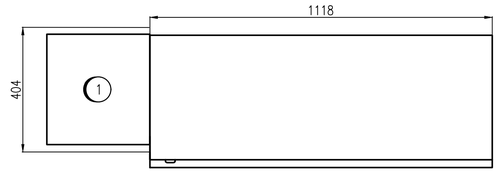
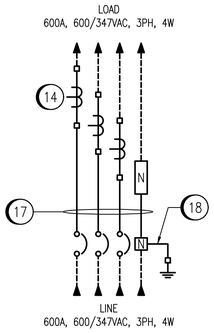
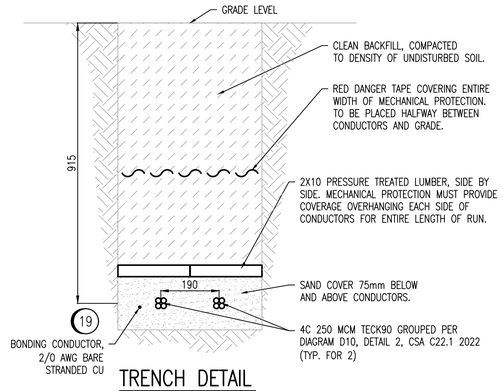
A1 SIZE – 594mm x 841mm



PLAN VIEW
SCALE: 1 : 10



INTERNAL WIRING DIAGRAM
SCALE: NTS



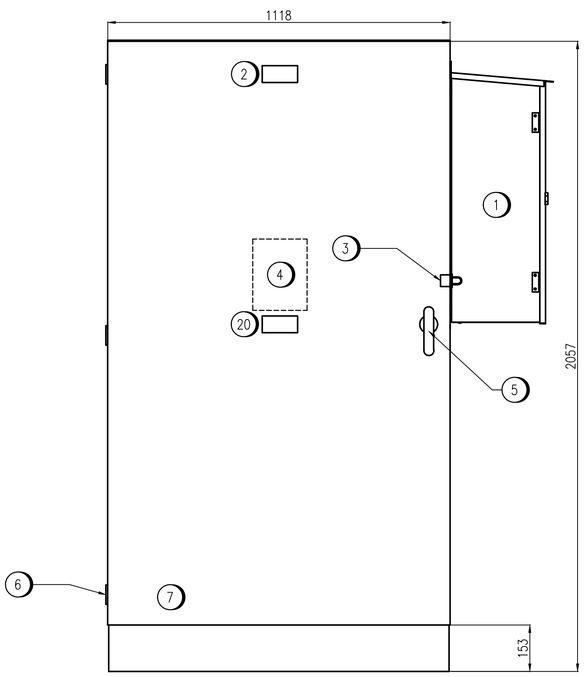
TRENCH DETAIL
SCALE: 1:10

SPECIFIC NOTES:

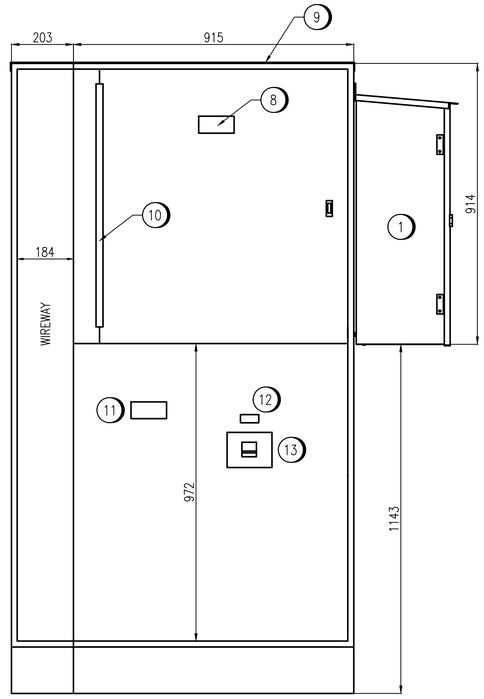
1. ATTACHED REMOTE METERING CABINET.
2. EXTERIOR DOOR LAMACOID DETAILING CSTE RATING: "CSTE–F70, 600A, 347/600VAC, 3PH, 4 WIRE, 60HZ, 25kAIC, TYPE 3R ENCLOSURE"
3. HASP PADLOCKABLE.
4. VINYL SLEEVE ON INSIDE OF DOOR FOR DATA SHEETS AND AS–BUILTS.
5. HANDLE ABLE TO BE PADLOCKED.
6. MAIN DOOR HINGES TO BE TAMPER–PROOF AT EXTERIOR.
7. INTERIOR 9.525mm ROD DOOR STOP TO ALLOW FOR SERVICING AND MAINTENANCE.
8. COVER LAMACOID: "COMPARTMENT FOR UTILITIES USE ONLY"
9. INTERNAL ENCLOSURE SCREWS TO BE TAMPER–PROOF.
10. PIANO HINGED DOOR ON INTERNAL COVER.
11. COVER LAMACOID: "SUITABLE FOR USE AS SERVICE ENTRANCE EQUIPMENT.
12. LAMACOID: "CB–CSTE–MAIN, MAIN BREAKER, 600A, 3P, LSI"
13. MAIN BREAKER TO BE LOCKABLE IN THE OFF POSITION.
14. 600A CURRENT TRANSFORMER (SUPPLIED BY MANITOBA HYDRO).
15. LSI BREAKER, 600A, 25kAIC C/W K6TH LUG KIT SET OF 3 (2X 250MCM PER PHASE).
16. 6.35mm X 50.8mm COPPER BUS BAR, TIN PLATED.
17. PARALLEL 350MCM FACTORY WIRING BETWEEN LINE AND LOAD CONNECTION POINTS.
18. #3 AWG R90 FACTORY BONDING JUMPER.
19. FOR STATION GROUNDING AND BONDING DETAILS SEE DRAWING 1–0118F–1–0118F–E0009.
20. PROVIDE LAMACOID LOCATED AT CSTE AND MCC–F71 AS SHOWN IN LAMACOID DETAIL. MINIMUM SIZE 75mm x 125mm.

UNDERGROUND CONDUCTORS
CIRCUIT I.D.: C–MCC–F71
YEAR INSTALLED: 2023
DIAGRAM: D10 DETAIL: 2 TABLE: D10A
SIZE/TYPE OF CONDUCTOR: 8–1C 250MCM TECK 90
AMPACITY: 616A MAX. OVERCURRENT: 600A

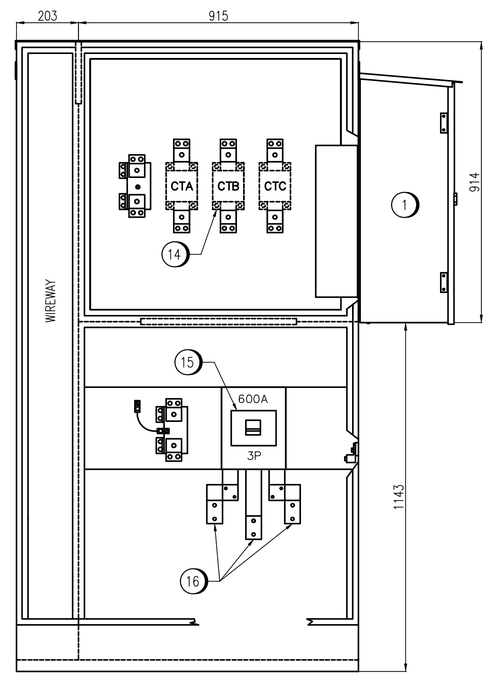
20 LAMACOID DETAIL
SCALE: NTS



ELEVATION
SCALE: 1 : 10



ELEVATION: LESS DOORS
SCALE: 1 : 10



ELEVATION: LESS DOORS AND COVERS
SCALE: 1 : 10

GENERAL NOTES:

1. ALL EQUIPMENT, DEVICES AND CABLING ARE NEW AND ARE TO BE PROVIDED UNLESS OTHERWISE INDICATED AS EXISTING.
2. ALL MEASUREMENTS GIVEN IN MM.

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES
0.25 0 0.25 0.5m
1 : 10

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: N. ESCHUK	CHECKED BY: B. CLEVEN
DRAWN BY: B. WILKS	APPROVED BY: B. CLEVEN
SCALE: AS NOTED	ISSUED FOR CONSTRUCTION BY: K. ZUREK
DATE: 2022/07/04	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
CSTE–F70
ELEVATION AND DETAILS

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1–0118F–E0011	001	00	A1

1–0118F–E0011–001_Rev00.dwg

LAST SAVE: 2023/03/02 – 3:55pm
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