A1 SIZE – 594mm x 841mm

GENERAL NOTES:

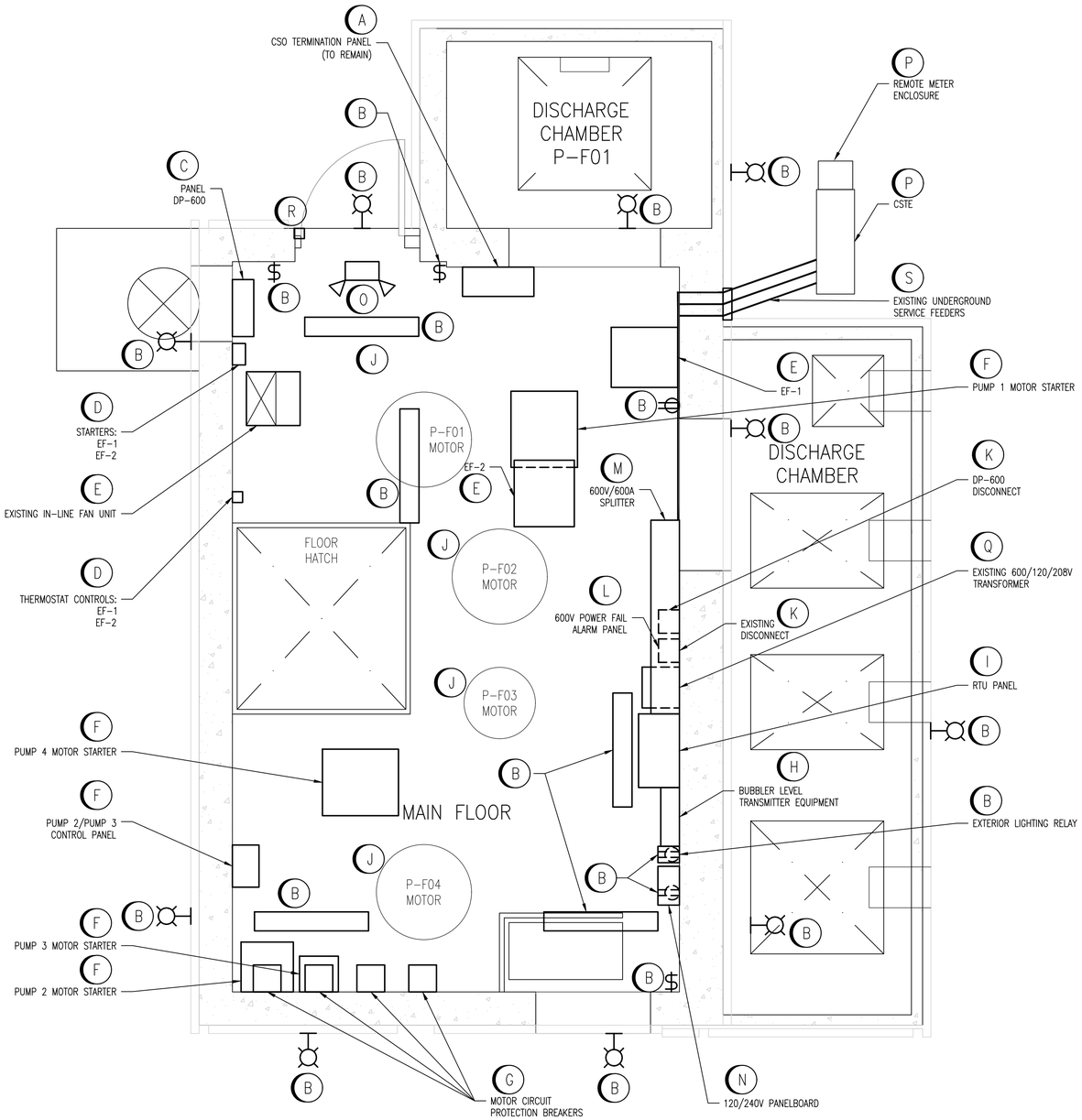
1. THE INFORMATION ON THIS DRAWING IS BASED ON INFORMATION PROVIDED ON EXISTING DRAWINGS AND MAY NOT HAVE BEEN VERIFIED.
2. THE EXTENT OF THE DESIGN INCLUDES THE DEMOLITION OF THE EQUIPMENT AS SHOWN.
3. PROVIDE DEMOLITION OF EXISTING CABLING, AND ASSOCIATED CONDUIT OF ALL EQUIPMENT BEING REMOVED.
4. EXISTING UTILITY TRANSFORMERS TO REMAIN.

PRE–DEMOLITION NOTES:

1. COORDINATE WITH MANITOBA HYDRO AND THE CITY OF WINNIPEG EXAMINATION DEPARTMENT TO ARRANGE FOR A SERVICE UPGRADE.
2. NO TEMPORARY POWER FROM MANITOBA HYDRO IS REQUIRED FOR THE FLOOD PUMPS WHILE DEMOLITION/CONSTRUCTION IS UNDERWAY. A TEMPORARY GENERATOR WILL NEED TO BE PROVIDED FOR LOADS ASSOCIATED WITH HEATING, LIGHTING, ETC DURING DEMOLITION AND NEW CONSTRUCTION. OTHERWISE PROVIDE TEMPORARY SERVICE AND CONSULT WITH MANITOBA HYDRO. THE STATION CONTAINS DOMESTIC WATER PIPING, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THE DOMESTIC WATER PIPING DOES NOT FREEZE DURING CONSTRUCTION WORK. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES RESULTING FROM DOMESTIC WATER PIPING FREEZING.

SPECIFIC NOTES:

- (A) EXISTING CSO PANEL ALONG WITH INTRINSIC SAFETY PANELS (LOCATED BELOW CSO PANEL) TO REMAIN.
- (B) DEMOLISH EXISTING RECEPTACLES, LIGHTS AND SWITCHES AS WELL AS ALL ASSOCIATED UPSTREAM CABLING AND CONDUIT.
- (C) DEMOLISH EXISTING 600V PANELBOARD DP–600 AND ALL DOWNSTREAM LOADS INCLUDING ASSOCIATED CABLING AND CONDUIT.
- (D) DEMOLISH EXISTING FAN MOTOR STARTERS, CONTROLLERS, ASSOCIATED CABLING AND CONDUIT.
- (E) DEMOLISH EXISTING FAN UNITS AND ALL ASSOCIATED CABLING AND CONDUIT.
- (F) DEMOLISH EXISTING MOTOR PUMP STARTERS AND ALL ASSOCIATED CABLING AND CONDUIT. CONSULT WITH THE CITY OF WINNIPEG IF ANY EQUIPMENT SHOULD BE KEPT, OTHERWISE DISPOSE OF ALL EQUIPMENT.
- (G) DEMOLISH EXISTING MOTOR CIRCUIT PROTECTION BREAKERS AND ALL ASSOCIATED CABLING AND CONDUIT.
- (H) DEMOLISH EXISTING BUBBLER LEVEL TRANSMITTER EQUIPMENT AND ALL ASSOCIATED CABLING AND CONDUIT.
- (I) DEMOLISH EXISTING PANEL RTU AND ALL ASSOCIATED CABLING AND CONDUIT.
- (J) EXISTING PUMP MOTORS TO REMAIN.
- (K) DEMOLISH EXISTING DISCONNECT SWITCHES AND ALL ASSOCIATED CABLING AND CONDUIT. CONSULT WITH THE CITY OF WINNIPEG IF ANY SWITCHES SHOULD BE KEPT, OTHERWISE DISPOSE OF SWITCHES.
- (L) DEMOLISH EXISTING POWER FAIL ALARM PANEL AND ALL ASSOCIATED CABLING AND CONDUIT. CONSULT WITH THE CITY OF WINNIPEG IF ANY EQUIPMENT SHOULD BE KEPT, OTHERWISE DISPOSE OF ALL EQUIPMENT.
- (M) DEMOLISH EXISTING SPLITTER AND ALL ASSOCIATED DOWNSTREAM CABLING AND CONDUIT. CONSULT WITH THE CITY OF WINNIPEG IF ANY EQUIPMENT SHOULD BE KEPT, OTHERWISE DISPOSE OF ALL EQUIPMENT.
- (N) DEMOLISH EXISTING 120/240V PANELBOARD AND ALL ASSOCIATED CABLING AND CONDUIT.
- (O) DEMOLISH EXISTING DC BATTERY BANK AND ALL ASSOCIATED LIGHTS, CABLING AND CONDUIT.
- (P) DEMOLISH EXISTING CSTE, METERING ENCLOSURE AND PAD.
- (Q) DEMOLISH EXISTING 600/120/208V TRANSFORMER INCLUDING ALL ASSOCIATED CONDUIT AND CABLING.
- (R) DEMOLISH EXISTING EXTERNAL LIGHTING PHOTOCELL AND ALL ASSOCIATED CABLING AND CONDUIT.
- (S) DEMOLISH EXISTING UNDERGROUND SERVICE FEEDERS AND ALL ASSOCIATED CABLING, CONDUIT AND CONDUIT SUPPORT SYSTEMS FROM SPLITTER TO EXISTING CSTE.



MAIN FLOOR PLAN EL. 230.734 m

SCALE: 1 : 30

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

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES
1m 0.5m 0 0.5m 1m 1.5m
1 : 30

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: 1:30	ISSUED FOR CONSTRUCTION BY: K. ZUREK
DATE: 2022/06/23	DATE: 2023/03/02
CONSULTANT NO.:	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
M. SARTO
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
ELECTRICAL PLAN LAYOUT
MAIN FLOOR AND EXTERIOR
DEMOLITION

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1–0118F–E0003	001	00	A1

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