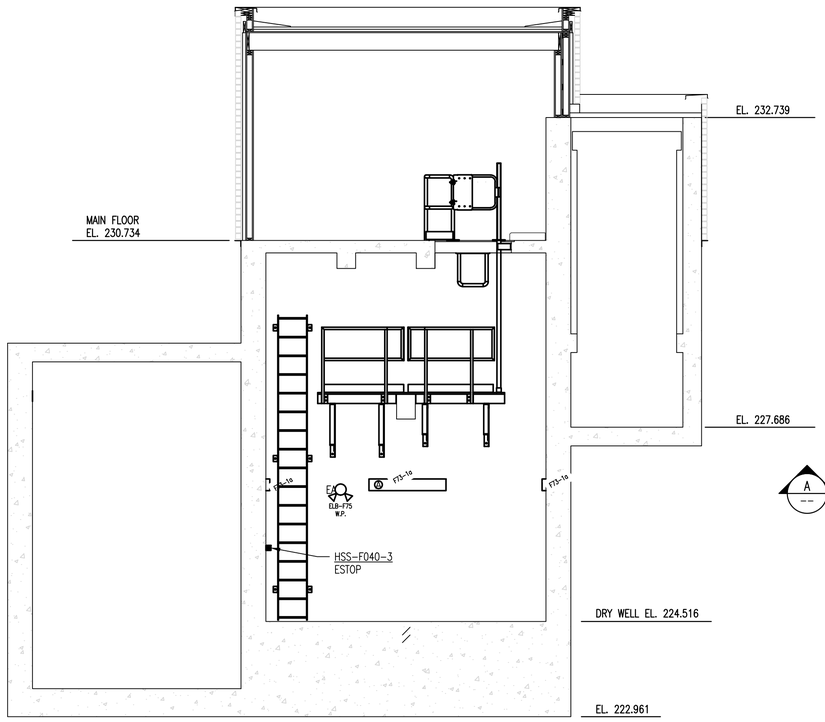
A1 SIZE – 594mm x 841mm

SPECIFIC NOTES:

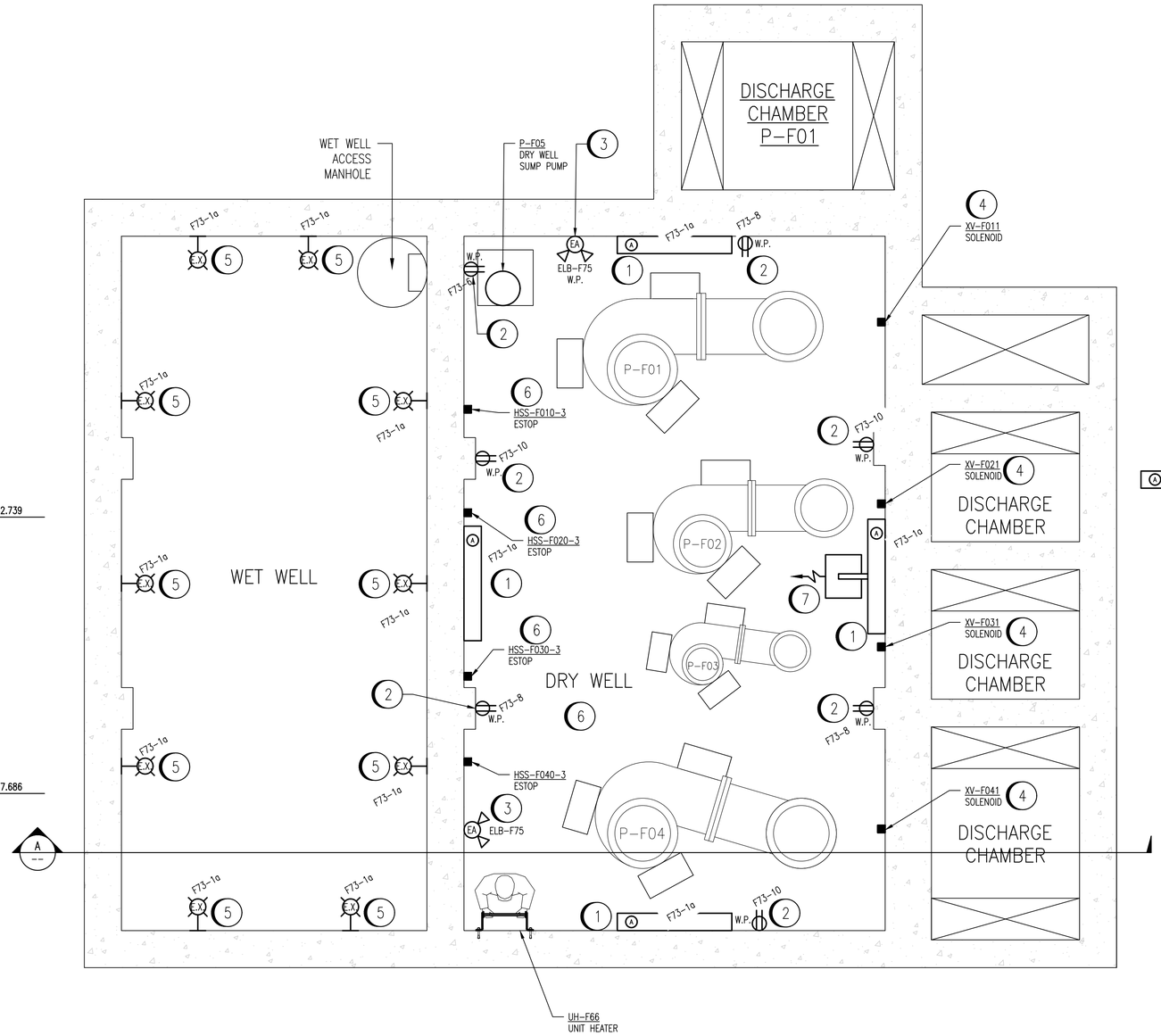
1. PROVIDE AND INSTALL NEW 4FT LED LIGHT FIXTURES LOCATED AS SHOWN MOUNTED AT A HEIGHT OF 2134mm TO THE BOTTOM. LIGHT FIXTURES LABELLED 'W.P.' ARE TO BE CONTAINED IN A WEATHERPROOF RATED ENCLOSURE. ALL LIGHT FIXTURES IN THE WET AND DRY WELLS ARE TO BE CONTROLLED BY SWITCH 'a' ON MAIN FLOOR. SEE DRAWING 1–00118F–E0006–001.
2. PROVIDE AND INSTALL DUPLEX RECEPTACLES AS SHOWN. ALL RECEPTACLES LABELLED 'W.P.' ARE WEATHERPROOF RATED.
3. PROVIDE NEW EMERGENCY LIGHTING REMOTE FIXTURES INSTALLED WITH THE BOTTOM OF THE FIXTURE NOT LESS THAN 2.0M ABOVE THE FINISHED FLOOR. ALL LIGHT FIXTURES LABELLED BY 'W.P.' ARE WEATHERPROOF RATED. ALL LIGHT FIXTURES LABELLED BY 'E.X.' ARE EXPLOSION PROOF RATED.
4. PROVIDE AND INSTALL NEW SEAL WATER SOLENOID. SOLENOID COIL TO BE RATED FOR 120 VAC.
5. PROVIDE AND INSTALL LIGHT FIXTURES LOCATED AT A HEIGHT OF 300mm TO THE TOP OF THE FIXTURE FROM THE FINISHED CEILING IN THE WET WELL. FIXTURES LABELLED 'E.X.' ARE TO BE EXPLOSION PROOF RATED. ALL LIGHT FIXTURES IN THE WET AND DRY WELLS ARE TO BE CONTROLLED BY SWITCH 'a' ON MAIN FLOOR. SEE DRAWING 1–0118F–E0006–001.
6. PROVIDE AND INSTALL NEW EMERGENCY STOP BUTTON STATIONS FOR EACH PUMP MOTOR. STOP BUTTON ENCLOSURES ARE TO BE WEATHERPROOF RATED.
7. PROVIDE AND INSTALL CONNECTION TO NEW 10kW UNIT HEATER UH–F66.

GENERAL NOTES:

1. ALL EQUIPMENT, DEVICES AND CABLING SHOWN ARE NEW UNLESS OTHERWISE INDICATED AS EXISTING.
2. ALL NEW EQUIPMENT INSTALLED LOCATED IN THE DRY WELL IS TO BE WEATHERPROOF RATED.
3. ALL NEW EQUIPMENT INSTALLED LOCATED IN THE WET WELL IS TO BE EXPLOSION PROOF.



A ELEVATION VIEW
SCALE: 1 : 50



LOWER LEVEL PLAN EL. 224.516 m
SCALE: 1 : 30

LEGEND:

F73–XXa	PANELBOARD FEED – CIRCUIT # ('a' AFTER CCT # DENOTES LOAD ON A LIGHT SWITCH)
	EMERGENCY LIGHTING BATTERY BANK
	EMERGENCY LIGHTING REMOTE FIXTURE
	120V RECEPTACLE
W.P.	INDICATES WEATHERPROOF RATING
$	SINGLE POLE SWITCH
$	DOUBLE POLE SWITCH
	LED WALL PACK
A	4 FT LIGHT FIXTURE

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

DRAWING NUMBER	REFERENCE DRAWINGS
1–0118F–E0006	ELECTRICAL PLAN LAYOUT MAIN FLOOR AND EXTERIOR
1–0118F–E0005	ELECTRICAL SINGLE LINE DIAGRAM

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES
1 0 1 2 3m
1 : 50

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
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DESIGNED BY: N. ESCHUK	CHECKED BY: B. CLEVEN
DRAWN BY: B. WILKS	APPROVED BY: B. CLEVEN
SCALE: AS NOTED	ISSUED FOR CONSTRUCTION
DATE: 2022/06/24	BY: K. ZUREK 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
ELECTRICAL PLAN LAYOUT
WET WELL AND DRY WELL AREA

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1–0118F–E0007	001	00	A1

1–0118F–E0007–001_Rev00.dwg

LAST SAVE: 2023/03/02 – 3:56pm
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