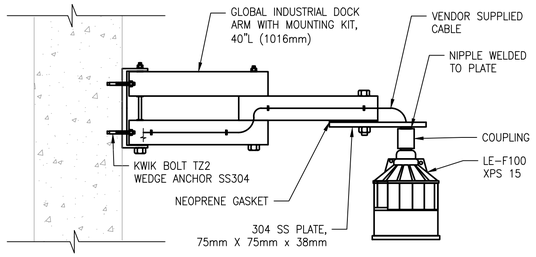
A1 SIZE – 594mm x 841mm

CONSTRUCTION NOTES:

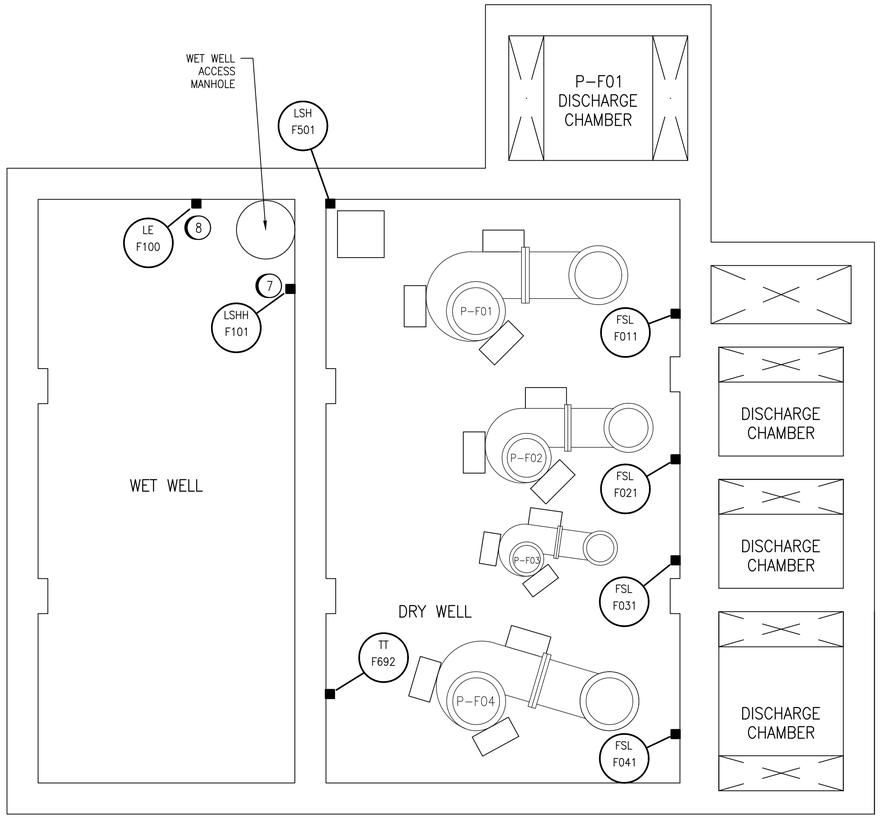
1. PROVIDE AND INSTALL NEW TELEPHONE CABLING FROM THE EXISTING TELEPHONE N.I.D. TO THE CONTROL PANEL CP–F81 AND GROUND THE N.I.D..
2. ALL EXTERNAL WALL PENETRATIONS ARE TO BE APPROPRIATELY SEALED.
3. PROVIDE AND INSTALL LOCKABLE ANTENNA ENCLOSURE, SEE DRAWING 1–0118F–A0013–001 FOR DETAILS.
4. DEMOLISH EXISTING CONDUCTORS FROM THE EXISTING 24V DC POWER SUPPLY INTERNAL TO CSO PANEL, INCLUSIVE TO TB2–9 AND TB2–16.
5. CONNECT NEW 24V DC POWER SUPPLY CONDUCTORS TO TB2–9 AND TB–16, SEE DRAWING 1–0118F–A0004 AND 1–0118F–A0025 FOR DETAILS.
6. ADD NEW LAMACOID TO EXISTING CSO PANEL. LAMACOID TO STATE: "CAUTION: THIS PANEL IS ELECTRICALLY POWERED BY MORE THAN ONE SOURCE."
7. TO MOUNT DEVICE IN CLOSE PROXIMITY TO THE WET WELL LADDER. SEE INSTALLATION DETAIL B.
8. TO PROVIDE A SWING ARM AND MOUNT IN CLOSE PROXIMITY TO THE WET WELL LADDER. DOCKING ARM TO BE MOUNTED USING 115mm LONG KWIK BOLTS, SIZED TO MATCH THE BRACKET HOLE. MOUNT LEVEL ELEMENT AND SWING ARM AS ILLUSTRATED ON DETAIL A. SEE DRAWING 1–0118F–P0002 FOR MOUNTING ELEVATION.
9. ADD NEW LAMACOID TO EXISTING CSO PANEL. LAMACOID TO STATE:
   "POWER SUPPLY SOURCE
   24VDC – PANEL CP–F81 TB21–F108"
10. FLOAT SWITCH TO BE MOUNTED BELOW SWAY RING, TIE WRAP TO BE INSTALLED ABOVE STRAIN RELIEF ON FLOAT SWITCH.
11. PROVIDE AND INSTALL NEW PROGRAMMABLE LOGIC CONTROL (PLC) PANEL CP–F81. PROVIDE STRUT SUPPORT STRUCTURE SECURED TO FLOOR AND CEILING TO SECURELY MOUNT CP–F81.
12. WALL MOUNT THE NEW UPS BATTERY ENCLOSURE AND ACCESSORIES ABOVE CONTROL PANEL CP–F81. ANCHOR TOP OF ENCLOSURE TO STUDS.

GENERAL NOTES:

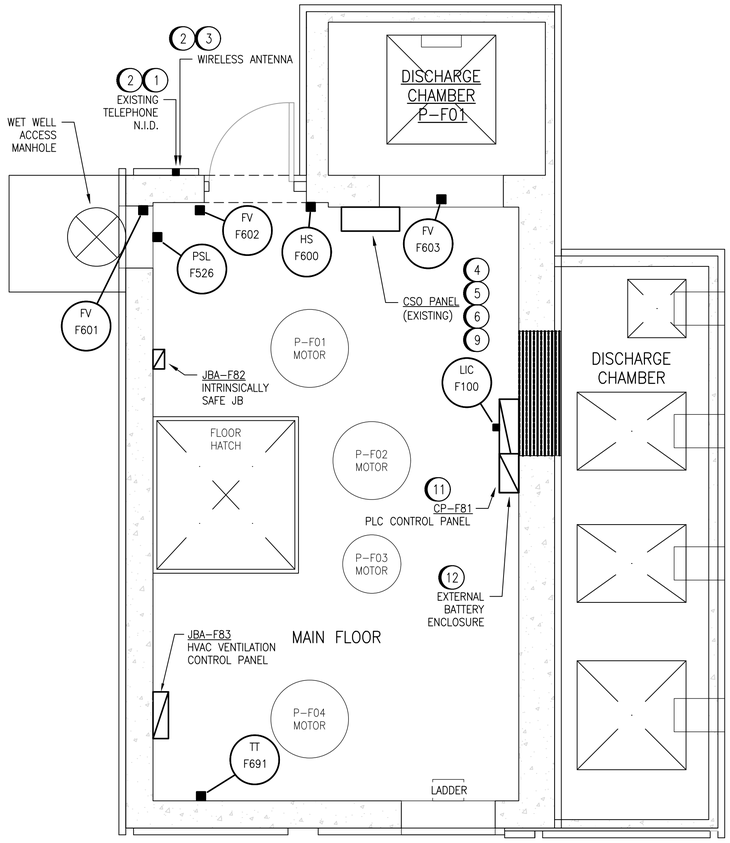
1. NEW HVAC EQUIPMENT IS NOT SHOWN FOR CLARITY.



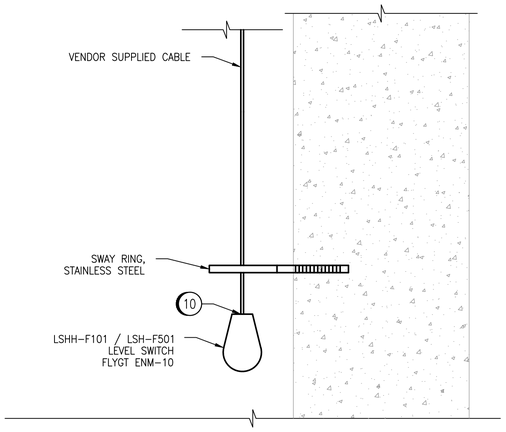
A – SWING ARM AND LEVEL ELEMENT INSTALLATION DETAIL
SCALE: NTS



LOWER LEVEL PLAN EL. 224.516 m
SCALE: 1 : 40



MAIN FLOOR PLAN EL. 230.734 m
SCALE: 1 : 40



B – FLOAT SWITCH INSTALLATION DETAIL
SCALE: NTS

DRAWING NUMBER	REFERENCE DRAWINGS
1–0118F–P0002	P&ID WASTEWATER FLOOD PUMPING
1–0118F–P0001	P&ID HVAC SYSTEM

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES
1 0 1 2m
1 : 40

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 SHOWN	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
AUTOMATION PLAN LAYOUT
MAIN FLOOR, LOWER LEVEL
AND CHAMBER AREAS

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1–0118F–A0001	001	00	A1

LAST SAVE: 2023/03/02 – 4:09pm
PATH: \\Winpdc1\proj$\691232\4ENG\48IC\DD – General DWG\1–0118F–A0001–001_Rev00.dwg

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