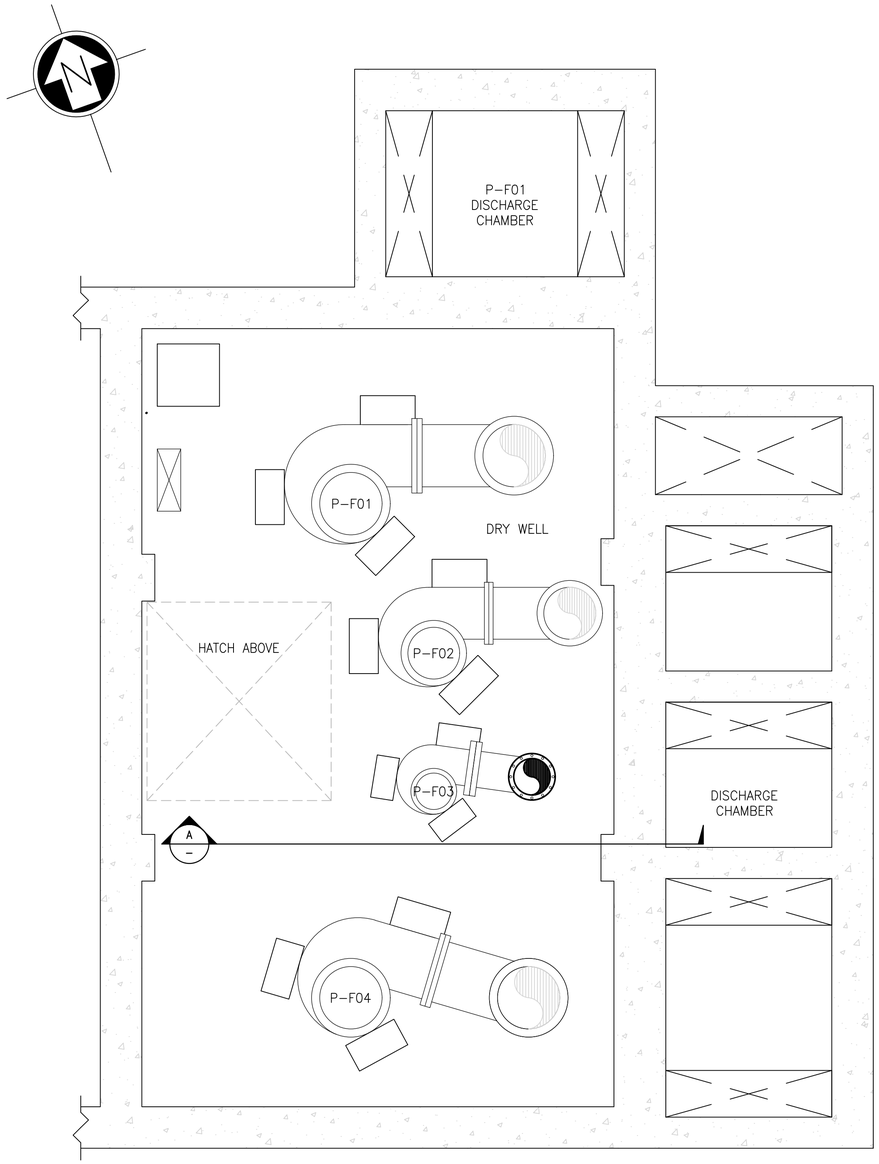
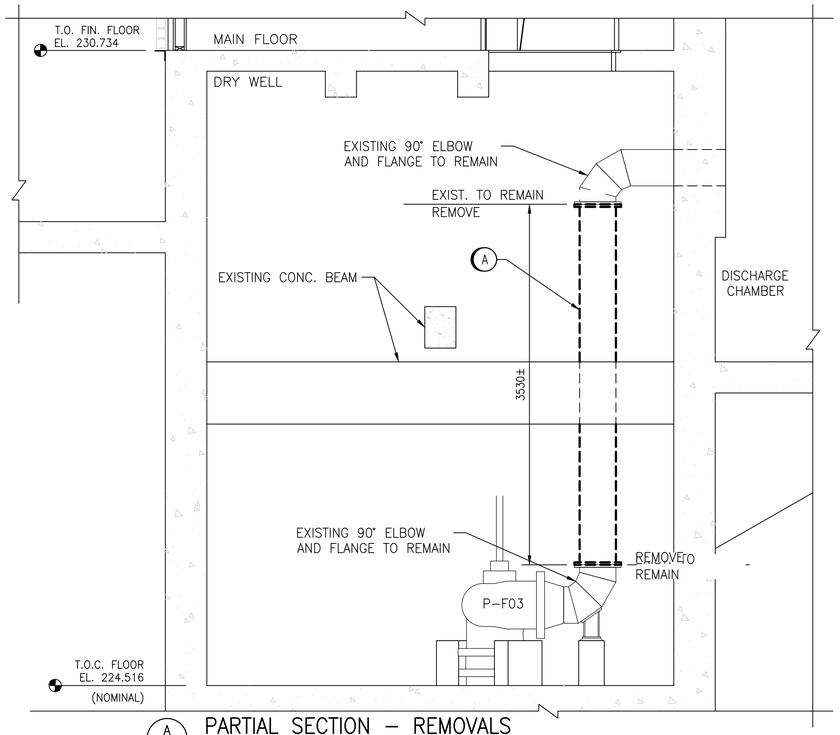
A1 SIZE – 594mm x 841mm



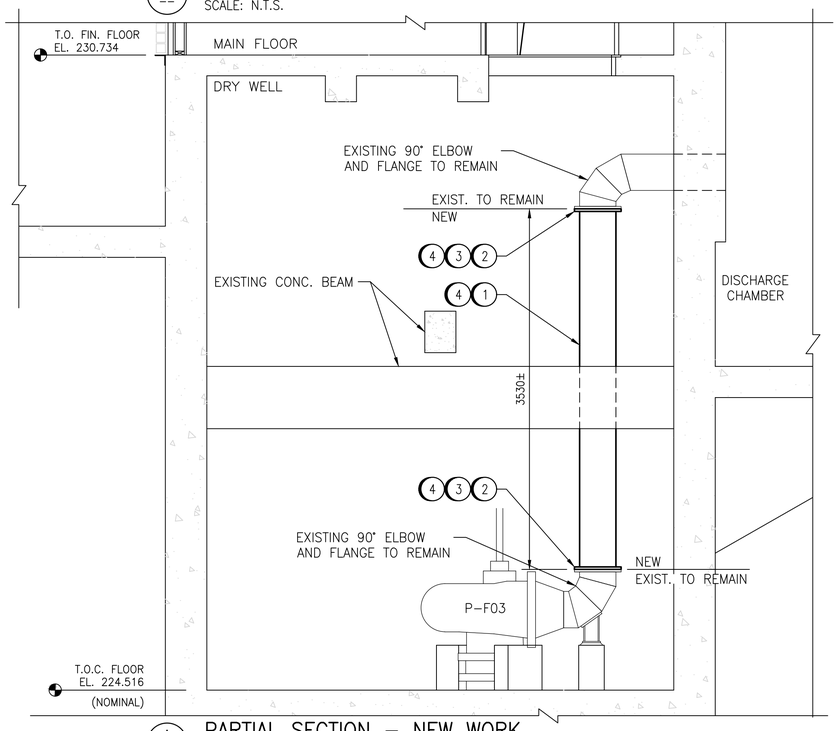
DRY WELL

SCALE: 1 : 30



A -- PARTIAL SECTION – REMOVALS

SCALE: N.T.S.



A -- PARTIAL SECTION – NEW WORK

SCALE: N.T.S.

GENERAL NOTES

1. DRAWING INFORMATION BASED ON HISTORICAL DRAWINGS AND SITE INVESTIGATIONS.

LEGEND:

- EXISTING EQUIPMENT TO REMAIN
- NEW WORK
- EXISTING TO BE REMOVED

REMOVAL NOTES:

(A) REMOVE VERTICAL SECTION OF DISCHARGE PIPE FROM PUMP P–F03, REMOVE GASKETS, ELBOWS TO REMAIN.

CONSTRUCTION NOTES:

(1) SUPPLY AND INSTALL ASTM A53 GRADE B ERW CARBON STEEL PIPE, 356mm OD, SCHED 10, TAPER BORE TO MATCH EXISTING. TOTAL LENGTH INCLUDING FLANGES 2030mm. (SITE VERIFY)

(2) SUPPLY AND INSTALL WELDED PLATE FLANGE, (MATERIAL TO MATCH PIPE) 25mm THICK, 457mm OD, 12 – ø16mm BOLTS ON 416mm BOLT CIRCLE. SITE VERIFY TO MATCH EXISTING BOLT PATTERN AND ORIENTATION. STUD BOLT TO ASTM A–193 GR. B7, HEAVY HEX NUTS TO ASTM A–194 GR. 2H.

(3) SUPPLY AND INSTALL NEW FULL FACED RUBBERIZED CLOTH GASKET 3mm, COMPOUNDED FOR WATER AND SEWER SERVICE.

(4) PAINT PIPE AS PER SPECIFICATION 09 91 23.

DRAWING NUMBER	REFERENCE DRAWINGS
1–0118F–M0003	MECHANICAL SCHEDULES
1–0118F–M0001	MECHANICAL PLAN LAYOUT – MAIN FLOOR AND DRY WELL– DEMOLITION
1–0118F–P0001	PROCESS AND INSTRUMENTATION DIAGRAM HVAC SYSTEM

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

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	NL	BC

SNC·LAVALIN
SNC–LAVALIN INC.
148 Nature Park Way
Winnipeg, MB, Canada R3P 0X7
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DESIGNED BY: N. LEE	CHECKED BY: S. NORSWORTHY
DRAWN BY: D. CALVERLEY	APPROVED BY: B. CLEVEN
SCALE: AS NOTED	ISSUED FOR CONSTRUCTION
DATE: 2022/12/15	BY: K. ZUREK DATE: 2023/02/17
CONSULTANT NO.:	

ENGINEER'S SEAL
2023-03-02
PROVINCE OF MANITOBA
N.C. LEE
Member
23065
REGISTERED PROFESSIONAL ENGINEER

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

BANNATYNE FLOOD PUMPING STATION
2023 UPGRADES
MECHANICAL PLAN LAYOUT
MAIN FLOOR AND DRY WELL
PIPE REPLACEMENT

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1–0118F–M0004	001	00	A1

1–0118F–M0004.dwg

LAST SAVE: 2023/03/02 – 3:26pm
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