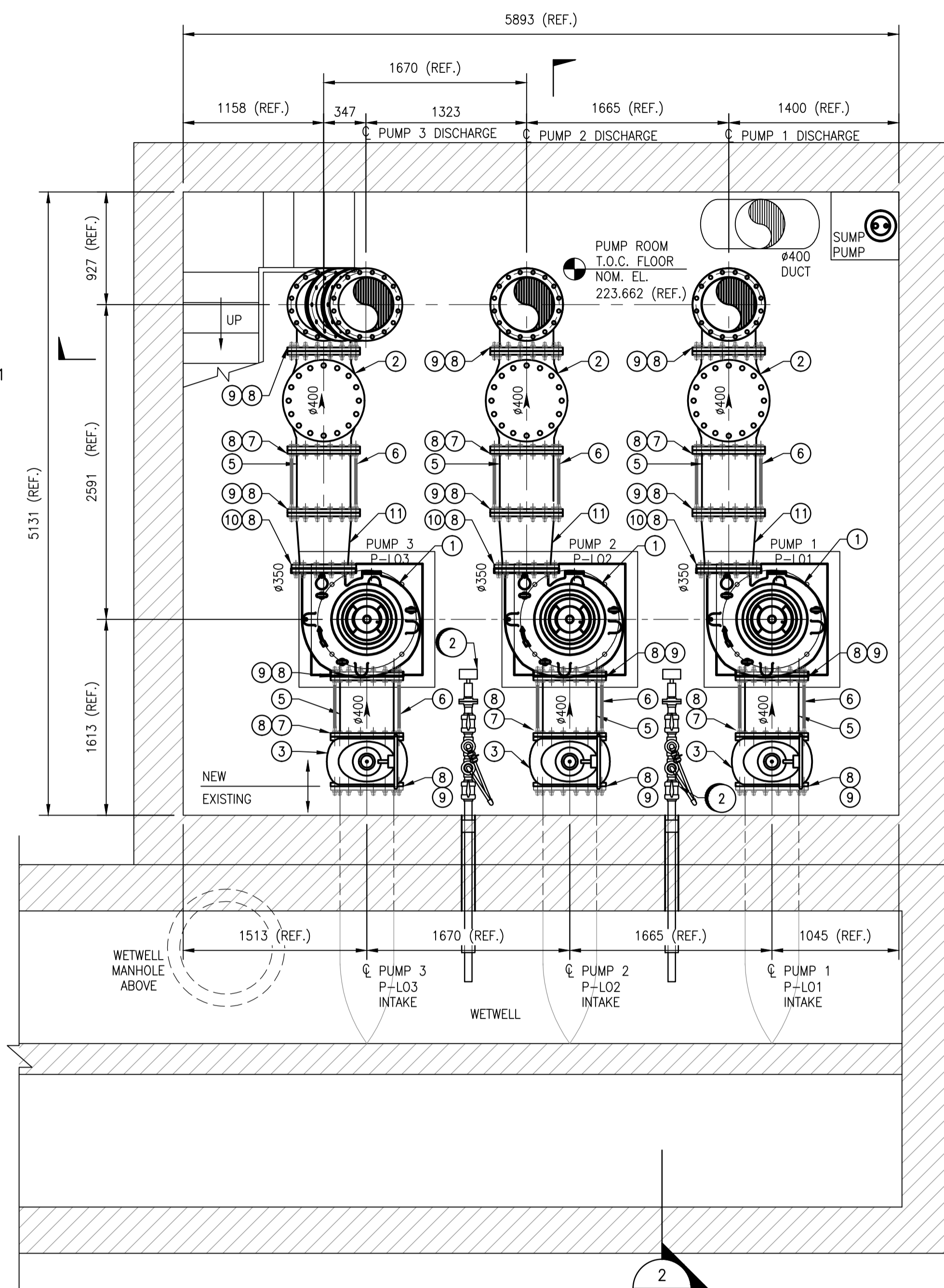


MOTOR ROOM FLOOR PLAN - NEW WORK  
SCALE: 1 : 30



SUMP ROOM FLOOR PLAN - NEW WORK  
SCALE: 1 : 30

MATERIALS LIST

ITEM	DESCRIPTION	ENDS	QUANTITY	NOTES
1	FLOWERVE MODEL 14MN16A-FR7L PUMP	FL	3	**
2	Ø400 SWING CHECK VALVE	FL	3	**
3	Ø400 GATE VALVE C/W SPUR GEAR	FL	3	**
4	PUMP MOTORS (SEE DWG. 1-0130L-E0005-001)	-	3	-
5	Ø400 DUCTILE IRON PIPE SPOOL (CUT TO SUIT)	FL x PE	AS REQ'D	*
6	Ø25 TIE ROD C/W HEAVY HEX NUTS (CUT TO SUIT)	TH	LENGTH AS REQ'D	*
7	Ø400 UNIFLANGE	FL	6	*
8	Ø25 x 114mm LG. BOLT C/W HEAVY HEX NUT	TH	AS REQ'D	*
9	Ø400 x 3mm TH. GASKET	-	12	*
10	Ø350 x 3mm TH. GASKET	-	3	*
11	Ø400 x Ø350 DUCTILE IRON ECCENTRIC REDUCER	FL	3	*

NOTES:  
\* ITEMS SUPPLIED AND INSTALLED BY CONTRACTOR  
\*\* ITEMS SUPPLIED BY OTHERS AND INSTALLED BY CONTRACTOR

TIE ROD SCHEDULE	
PIPE DIA.	QTY./FLANGE
Ø400	4

GENERAL NOTES:

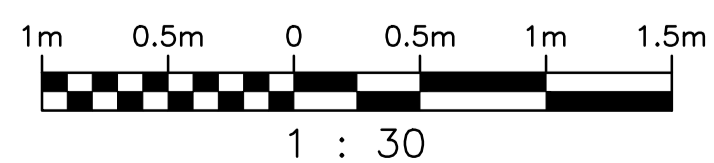
- ALL LENGTHS & DIMENSIONS SHOWN ARE TO BE FIELD CONFIRMED BY CONTRACTOR.
- COORDINATE WITH DIVISION 26 WHERE EQUIPMENT THAT REQUIRES NEW ELECTRICAL IS TO BE INSTALLED.
- ALL BUILDING MODIFICATIONS REQUIRED FOR THE INSTALLATION OF MECHANICAL EQUIPMENT ARE PART OF THE CONTRACTORS SCOPE OF WORK.
- ALL NEW PIPE, FITTINGS, FLANGES & SUPPORTS TO BE PAINTED AS PART OF THE CONTRACTORS SCOPE OF WORK.
- ALL FLANGED (FL) x PLAIN END (PE) PIPE SPOOLS TO BE SHOP FABRICATED WITH A 150mm FIELD TRIM ALLOWANCE.

NEW WORK NOTES:

- CONTRACTOR TO CORE DRILL HOLE FOR PIPING. CONTRACTOR IS RESPONSIBLE TO CONDUCT NON-DESTRUCTIVE TEST (NDT) TO IDENTIFY REBAR LOCATIONS. CONTRACT ADMINISTRATOR TO BE CONTACTED/INFORMED OF REBAR LOCATIONS. CORE DRILLING SHALL NOT PROCEED UNTIL CONTRACT ADMINISTRATOR APPROVES.
- SUMP LEVEL TRANSMITTER AND SITE GLASS. FOR DETAILS SEE DWG. 1-0130L-M0008-001.

1-0130L-M0004-001

1-0130L-M0004-001



NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR TENDER, BID OPP. 639-2017	2017-07-25	FZ	BJC

 SNC-LAVALIN INC. 148 Nature Park Way Winnipeg, MB, Canada R3P 0X7 204-786-8080	
DESIGNED BY: F. ZURZOLO	CHECKED BY: B. CLEVEN
DRAWN BY: C. FETTERLY	APPROVED BY: B. CLEVEN
SCALE: 1 : 30	ISSUED FOR CONSTRUCTION
DATE: 2017/04/21	DATE:
CONSULTANT NO.:	

ENGINEER'S SEAL  
**PRELIMINARY**  
NOT TO BE  
USED FOR  
CONSTRUCTION

THE CITY OF WINNIPEG  
WATER AND WASTE DEPARTMENT

COMMUNITY ROW WASTEWATER PUMPING STATION  
2017 UPGRADES  
PLAN  
MECHANICAL  
MOTOR ROOM & PUMP ROOM - NEW WORK

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0130L-M0003	001	00	A1