



- NOTES:**
- COMPLETE ASSEMBLY TO HAVE A SHORT CIRCUIT CURRENT RATING OF 25KA OR HIGHER.
  - GROUP AND SPACE 120VAC, 24VDC AND 4-20mA TERMINALS AND WIRING SEPARATELY.
  - ALL REMOTE WIRING IS 24VDC.
  - COLOUR CODE WIRING AS FOLLOWS:  
 POWER - 120VAC SUPPLY BLACK  
 POWER - 120VAC NEUTRAL WHITE  
 POWER - 24VDC SUPPLY (+) BLUE  
 POWER - 24VDC COMMON (-, OR OVD) BROWN  
 DISCRETE CONTROL - AC RED  
 DISCRETE CONTROL - DC BLUE  
 GROUND GREEN



NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR TENDER, BID OP. 331-2016	2016/05/06	BJC	DB

SNC-LAVALIN INC. 148 Nature Park Way Winnipeg, MB, Canada R3P 0X7 204-786-8080	
DESIGNED BY: B. CLEVEN	CHECKED BY: D. BECKER
DRAWN BY: Y. KONIG	APPROVED BY: I. PARKINSON
SCALE: NTS	ISSUED FOR CONSTRUCTION BY: K. ZUREK DATE: 2016/05/06
DATE: 2016/03/22	DATE: 2016/05/06
CONSULTANT NO.:	

ENGINEER'S SEAL  
 ORIGINAL DRAWING  
 SEALED BY:  
 B. CLEVEN  
 SNC-LAVALIN  
 MEMBER #31479  
 2016/05/09  
 REV. 00

**THE CITY OF WINNIPEG**  
 WATER AND WASTE DEPARTMENT

COCKBURN FLOOD AND WASTEWATER PUMPING STATION  
 2016 UPGRADES  
 MOTOR STARTER SCHEMATIC  
 MS-F02  
 WASTEWATER LIFT PUMP

CITY DRAWING NUMBER  
**1-0127F-E0003**

SHEET  
**001**

REV.  
**00**

SIZE  
**A1**