



- 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.
 - THE DESIGN SHOWN IS BASED UPON A HARMONIC FILTER COMPONENT PACKAGE FROM TRANSOCOIL, WHICH DOES NOT INCLUDE THE FUSES AND OTHER COMPONENTS REQUIRED FOR A COMPLETE ASSEMBLY.
 - PROVIDE A MINIMUM OF 283 1/5 (600 CFM) OF COOLING VENTILATION TO THE VFD ENCLOSURE.



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

		SNC-LAVALIN INC. 148 Nature Park Way Winnipeg, MB, Canada R3P 0X7 204-786-8080	
DESIGNED BY:	B. CLEVEN	CHECKED BY:	T. CHURCH
DRAWN BY:	S. BOGHOSIAN	APPROVED BY:	B. CLEVEN
SCALE:	NTS	ISSUED FOR CONSTRUCTION	BY:
DATE:	2017/03/15	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
MOTOR STARTER SCHEMATIC
VFD-L01
WASTEWATER LIFT PUMP P-L01

CITY DRAWING NUMBER: 1-0130L-E0011
SHEET: 001
REV: 00
SIZE: A1

REFERENCE DRAWINGS	DESCRIPTION
1-0130L-E0012	CONNECTION DIAGRAM