



1-0130L-E0016	CONNECTION DIAGRAM
REFERENCE DRAWINGS	DESCRIPTION

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 TRANScoil, 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.



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

SNC-LAVALIN INC.
 148 Nature Park Way
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 204-786-8080

DESIGNED BY: B. CLEVEN
 CHECKED BY: T. CHURCH
 DRAWN BY: S. BOGHOSIAN
 APPROVED BY: B. CLEVEN
 SCALE: NTS
 ISSUED FOR CONSTRUCTION
 DATE: 2017/03/15
 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-L03
 WASTEWATER LIFT PUMP P-L03

CITY DRAWING NUMBER: 1-0130L-E0015
 SHEET: 001
 REV: 00
 SIZE: A1