



LEGEND:

- INTERNAL WIRING
- - - FIELD (EXTERNAL) WIRING
- △ SOFT START ENCLOSURE TERMINAL
- CONTROL PANEL TERMINAL
- ⊗ SOFT START DEVICE TERMINAL
- ⊗ TRANSIENT VOLTAGE SUPPRESSOR
- ETM ELAPSED TIME METER
- A AMMETER

1-0127F-E0002	MS-F01 CONNECTION DIAGRAM
DRAWING NUMBER	REFERENCE DRAWINGS

- 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



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

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SCALE: NTS	ISSUED FOR CONSTRUCTION BY: K. ZUREK
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-F01
WASTEWATER LIFT PUMP

CITY DRAWING NUMBER 1-0127F-E0001	SHEET 001	REV. 00	SIZE A1
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