



**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

SEE DRAWING 1-0310U-E0008 FOR CONNECTION

- NOTES:**
- COMPLETE ASSEMBLY TO HAVE A SHORT CIRCUIT CURRENT RATING OF 18KA 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



<p>SNC-Lavalin Inc. 148 Nature Park Way Winnipeg, MB, Canada R3P 0X7 204-786-8080</p>		<p>ENGINEER'S SEAL</p> <p>ORIGINAL DRAWING SEALED BY: B. J. CLEVEN SNC-Lavalin Inc. MEMBER # 31479 2016-08-29 REV. 00</p>	<p>THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT</p> <p>ROUTE 90 UNDERPASS PUMPING STATION 2016 UPGRADES MOTOR STARTER SCHEMATIC MS-U01 UNDERPASS PUMP</p>
<p>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: 2016-08-29</p>	<p>DATE: 2016/05/12</p>	<p>CITY DRAWING NUMBER: 1-0310U-E0007</p>	<p>SHEET: 001</p>
<p>NO. 00</p>	<p>ISSUED FOR TENDER, BID OPP: 767-2016</p>	<p>DATE: 2016/08/23</p>	<p>DESIGN: BJC</p>
<p>NO. 01</p>	<p>REVISIONS</p>	<p>DATE</p>	<p>DESIGN: BJC</p>