

FIELD CONNECTION DIAGRAM:

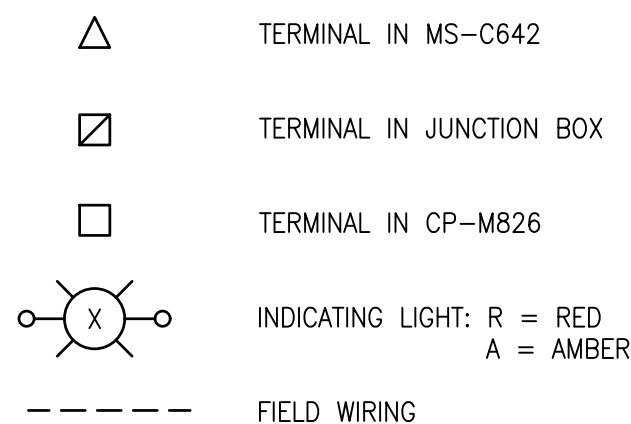


1. ALL CONNECTIONS FOR POWER AND CONTROLS ARE TO BE IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS. REVIEW REQUIREMENTS ON SHOP DRAWINGS. CONTRACTOR TO VERIFY ALL CONNECTIONS WITH MANUFACTURER AND PROVIDE ALL REQUIRED EQUIPMENT, INCLUDING ANY EQUIPMENT NOT SHOWN ON DRAWING.
2. ALL EQUIPMENT, CONDUIT AND CABLING SHOWN IS NEW AND SHALL BE PROVIDED BY THE CONTRACTOR UNLESS OTHERWISE NOTED.
3. MS-C642 TO BE LOCATED IN CHLORINATOR EQUIPMENT ROOM. CONTRACTOR TO PROVIDE CONTROL PANEL BASED ON SCHEMATIC. CONTRACT ADMINISTRATOR TO REVIEW AND APPROVE SHOP DRAWING OF CONTROL PANEL PRIOR TO CONSTRUCTION AND SHIPMENT TO SITE. CONTRACTOR TO PRIORITISE MINIMIZING SIZE OF PANEL IN ORDER FIT IN EXISTING SPACE. PANEL TO BE RATED NEMA 4X AND ALL DEVICE ON THE FRONT PANEL SHALL BE RATED APPROPRIATELY.

CONSTRUCTION NOTES:

- ① PROVIDE OVERLOAD RELAY BASED ON MOTOR FLA NAMEPLATE DATA. OVERLOAD SHALL BE RESET WITH A MANUAL PUSH BUTTON MOUNTED ON THE FRONT OF THE CONTROL PANEL.
- ② PROVIDE CONTACTOR RATED FOR CONTINUOUS OPERATION AND THE CONTACTOR RATED MINIMUM 1.25X THE FLA OF THE MOTOR.
- ③ JUNCTION BOX TO BE LOCATED WITHIN 10 FEET OF DAMPER ACTUATOR.
- ④ CONTRACTOR TO PROVIDE DISCONNECT COMPLETE WITH AUXILIARY CONTACT FOR READY SIGNAL.

LEGEND:



					 148 Nature Park Way, Winnipeg, Manitoba Canada R3P 0X7 204-786-8080		ENGINEER'S SEAL		 THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT						
					DESIGNED BY:		CHECKED BY:		MACLEAN PUMPING STATION CHLORINE SYSTEM UPGRADES MOTOR STARTER SCHEMATIC / FIELD WIRING DIAGRAM EXHAUST FAN EF-C642 CHLORINATOR EQUIPMENT ROOM						
					V. ELIMBAN		V. ELIMBAN								
					DRAWN BY:		APPROVED BY:								
					A. NADRES		V. ELIMBAN								
					SCALE:		ISSUED FOR CONSTRUCTION								
					NTS		BY: M. SKINNER								
					DATE:		DATE: 2025/04/30								
					2024/02/13										
					CONSULTANT NO.:										
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NO. REVISIONS					DATE		DESIGN		CHECK						
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