

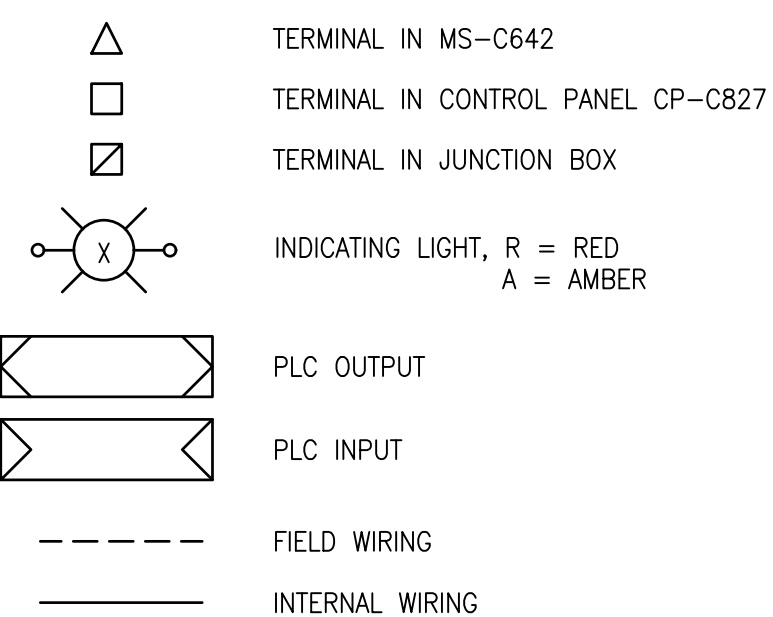


1. ALL CONNECTIONS FOR POWER AND CONTROLS ARE TO BE IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS. REVIEW REQUIREMENTS ON SHOP DRAWINGS. CONTRACTOR TO VERIFY ALL CONNECTIONS WITH MANUFACTURER AND PROVIDE ALL REQUIRED EQUIPMENT, INCLUDING ANY EQUIPMENT NOT SHOWN ON DRAWING.
2. ALL EQUIPMENT, CONDUIT AND CABLING SHOWN IS NEW AND SHALL BE PROVIDED BY THE CONTRACTOR UNLESS OTHERWISE NOTED.
3. MOTOR STARTER CIRCUIT TO BE LOCATED IN EXISTING CONTROL PANEL CP-C800. REFER TO ELEVATION DRAWING OF CP-C800 FOR MODIFICATIONS. CONTRACTOR TO MODIFY PANEL TO ACCOMMODATE EP-6642 DEVICES SUCH AS FRONT PANEL SWITCH AND PILOT LIGHTS. CONTRACTOR TO RE-CERTIFY PANEL CSA AND UPDATE LAMACODS AND NAMEPLATES AS INDICATED IN CP-C800 MODIFICATION ELEVATION DRAWING.

CONSTRUCTION NOTES:

- ① PROVIDE OVERLOAD RELAY BASED ON MOTOR FLA AND 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:



1-0650M-A0080	PANEL LAYOUT, DAMPER ACTUATORS, JUNCTION BOXES
1-0650M-A0063	CONTROL PANEL CP-C827, DISCRETE INPUTS RACK 0, MODULE 3
1-0650M-A0062	CONTROL PANEL CP-C827, DISCRETE INPUTS RACK 0, MODULE 2
1-0650M-A0060	REMOTE I/O PANEL LAYOUT, CONTROL PANEL CP-C827
1-0650M-E0045	ELECTRICAL EQUIPMENT AND INSTRUMENTATION LAYOUT
1-0650M-E0041	ELECTRICAL SCHEDULES, 120V PANELBOARDS
DRAWING NUMBER	REFERENCE DRAWINGS



					 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: B. WILKS		CHECKED BY: V. ELIMBAN		HURST PUMPING STATION CHLORINE SYSTEM UPGRADES MOTOR STARTER SCHEMATIC / FIELD WIRING DIAGRAM EXHAUST FAN EF-C642 CHLORINATOR EQUIPMENT ROOM			
					DRAWN BY: B. WILKS		APPROVED BY: V. ELIMBAN					
					SCALE: NTS		ISSUED FOR CONSTRUCTION BY: M. SKINNER					
					DATE: 2023/08/21		DATE: 2025/04/30					
00 ISSUED FOR TENDER AND CONSTRUCTION 2025/04/30 VE VE					CONSULTANT NO.:				CITY DRAWING NUMBER SHEET REV. SIZE 1-0650M-E0054 001 00 A1			
NO. REVISIONS DATE DESIGN CHECK												