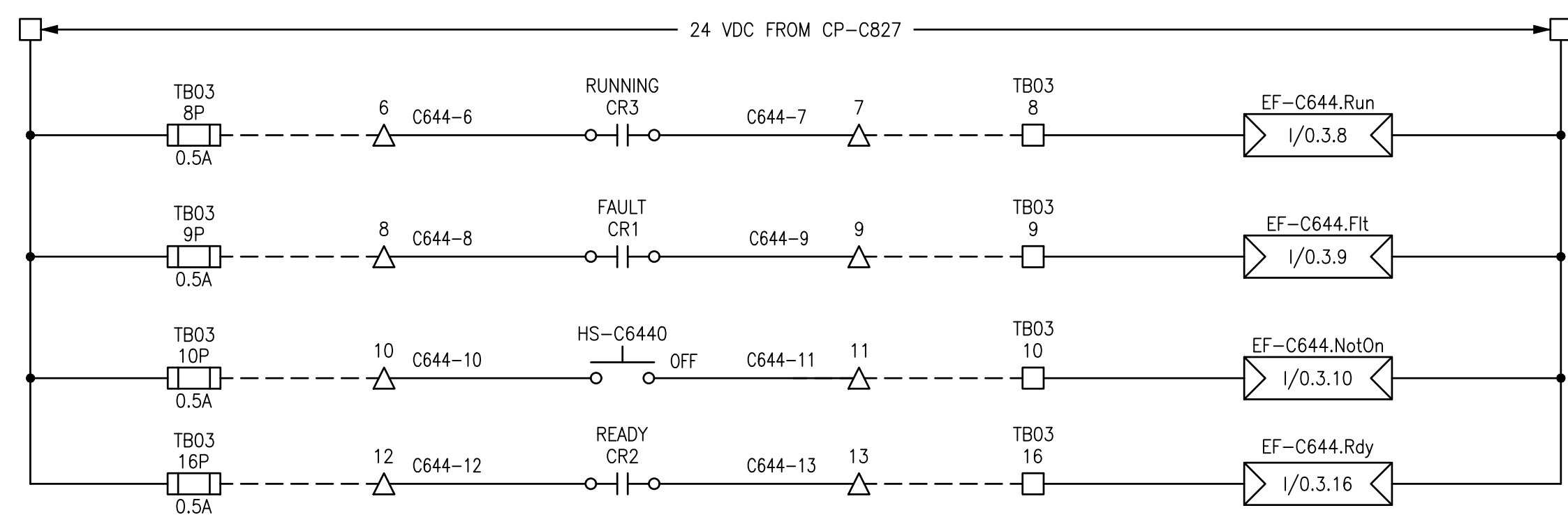
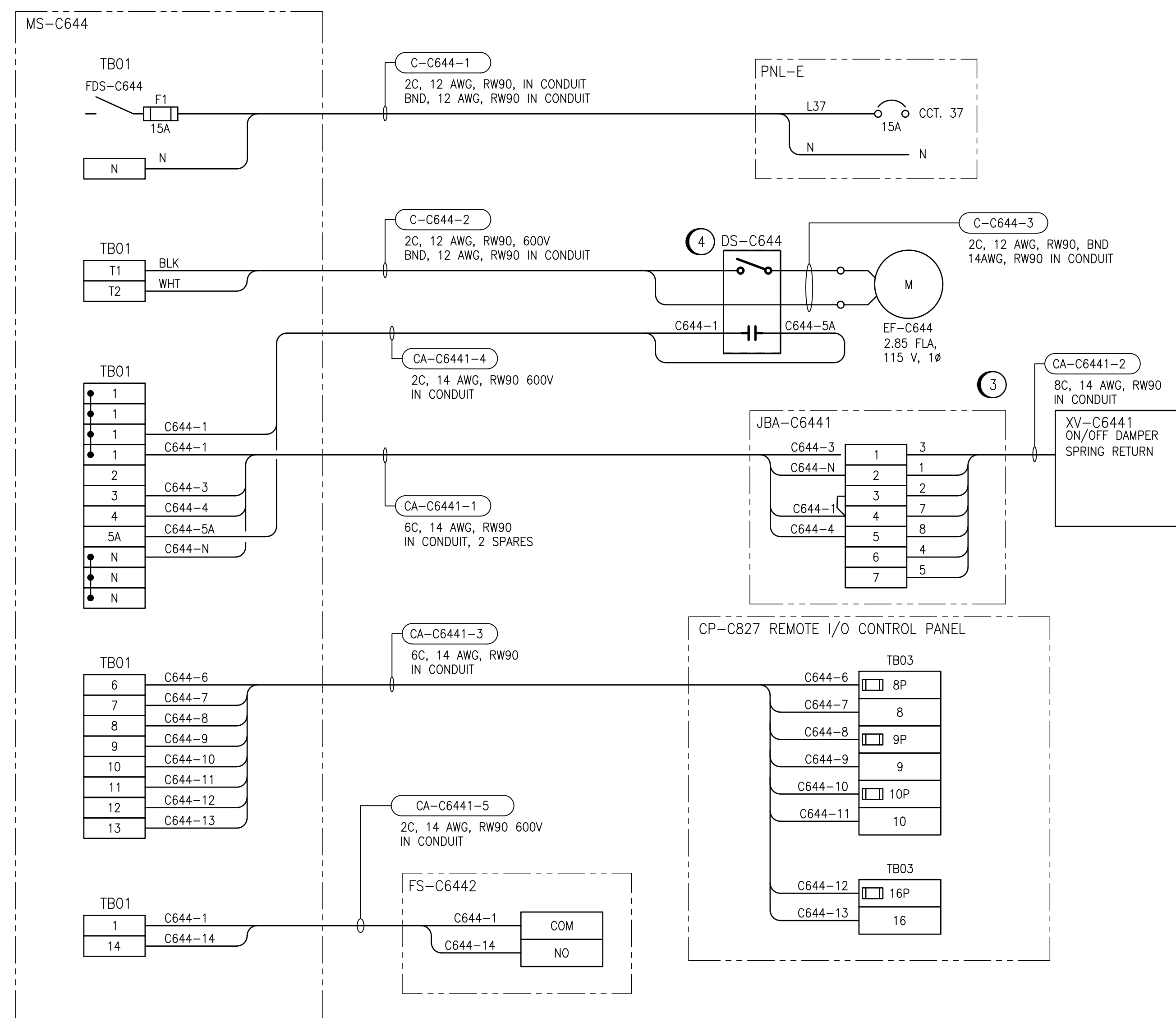




FIELD CONNECTION DIAGRAM:



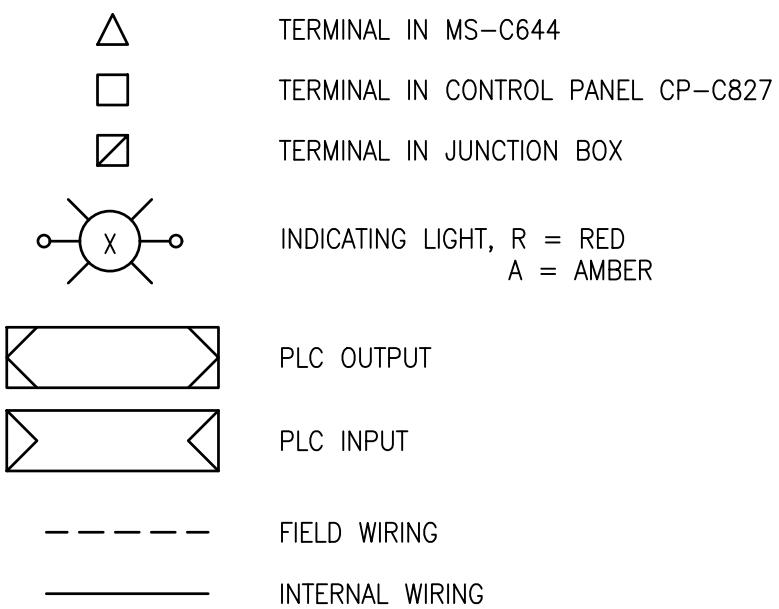
GENERAL NOTES:

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 CABLEING SHOWN IS NEW AND SHALL BE PROVIDED BY THE CONTRACTOR UNLESS OTHERWISE NOTED.
3. MS-C644 TO BE LOCATED IN CHLORINE SCALE ROOM. SCALE ROOM IS CLASSIFIED AS NEMA 4X. CONTRACTOR TO PROVIDE CONTROL PANEL LAYOUT BASED ON SYSTEMATIC 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. PANEL AND EXTERIOR EQUIPMENT TO BE NEMA 4X COMPLAINT.

CONSTRUCTION NOTES:

- ① PROVIDE OVERLOAD RELAY BASED ON MOTOR FLA NAMEPLATE DATA.
- ② PROVIDE RELAY 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-A0061	CONTROL PANEL CP-C827, DISCRETE INPUTS RACK 0, MODULE 3
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: J. GRAGASIN		CHECKED BY: V. ELIMBAN		HURST PUMPING STATION CHLORINE SYSTEM UPGRADES MOTOR STARTER SCHEMATIC / FIELD WIRING DIAGRAM EXHAUST FAN EF-C644 CRAWLSPACE					
						DRAWN BY: J. GRAGASIN		APPROVED BY: V. ELIMBAN							
						SCALE: NTS		ISSUED FOR CONSTRUCTION BY: M. SKINNER							
						DATE: 2023/08/21		DATE: 2025/04/30							
						CONSULTANT NO.:									
00 ISSUED FOR TENDER AND CONSTRUCTION		2025/04/30		VE VE						CITY DRAWING NUMBER 1-0650M-E0055					
NO. REVISIONS		DATE		DESIGN CHECK											
										SHEET		REV.		SIZE	
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