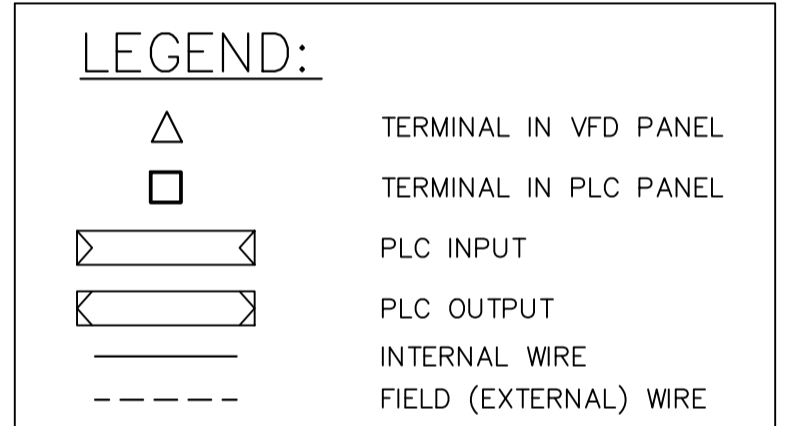
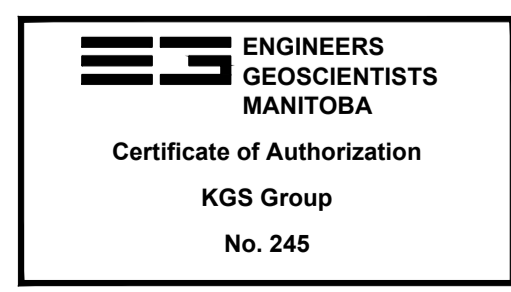


- GENERAL NOTES:**
- PILOT LIGHT SHALL HAVE A PUSH-TO-TEST FEATURE WIRED IN THAT IS NOT SHOWN ON THIS DRAWING.
 - PUMP HAS MOTOR (NON-DRIVE END) BEARING AND PUMP (DRIVE END) BEARING VIBRATION LOCKOUTS WIRED INTO THE READY CIRCUIT. THE VIBRATION LOCKOUTS ARE CURRENTLY DISABLED AT THIS TIME. PROVIDE A LABEL ON THE DOOR INDICATING VIBRATION LOCKOUTS ARE DISABLED.
 - AUXILIARY CONTACT ON DISCONNECT SHALL OPEN BEFORE MAINS ON DISCONNECT OPEN. AUXILIARY CONTACT SHALL CLOSE AFTER MAINS ON DISCONNECT CLOSE.



10	-	-
9	-	-
8	-	-
7	-	-
6	-	-
5	-	-
4	1-0162L-E0010	MCC ELEVATION AND DETAILS MCC-L71
3	1-0162L-P0001-003	PROCESS WASTEWATER PUMPING
2	1-0162L-E0015	MOTOR STARTER CONNECTION DIAGRAM LIFT PUMP P-L03
1	1-0162L-E0003	SINGLE LINE DIAGRAM
NO.	DRAWING NUMBER	REFERENCE DRAWING TITLE



B.M. ELEV.	
DESIGNED BY	A. NIRMAL
CHECKED BY	DDW
DRAWN BY	R. GASPAR
APPROVED BY	DDW
SCALE:	HORIZONTAL NTS
	VERTICAL NTS
RELEASED FOR CONSTRUCTION	
DATE	2022/07/27
PLOT DATE:	2023 04 17

1	RE-ISSUED FOR CONSTRUCTION	2023/04/17	DDW
0	ISSUED FOR CONSTRUCTION	2023 03 24	DDW
NO.	REVISIONS	DATE	BY

ENGINEER'S SEAL	
CONSULTANT DRAWING NUMBER	22-0107-004-E16.01
CITY DRAWING NUMBER	1-0162L-E0016-001

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT
 ENGINEERING DIVISION

METCALFE LIFT PUMPING STATION
 2022 UPGRADES
 ELECTRICAL

MOTOR STARTER SCHEMATIC
 LIFT PUMP P-L03

1-0162L-E0016-001 SHEET 67 OF 109