FLYGT ENM–10	
Vmax	30VDC
Imax	100mA
Pmax	200mW
Ci	1.6nF
Li	11.6μH

ASSUMED CABLE VALUES	
C	0.197nF/m
L	0.66μH/m

ADVISE THE CONTRACT ADMINISTRATOR IF THESE VALUES ARE EXCEEDED.

MTL 5511	
V_0	10.5VDC
I_0	14mA
P_0	37mW
Ca	75,000nF
La	1.45H

SHEET 35 OF 109

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
KGS Group
No. 245

NOTES

1. PROVIDE AND INSTALL NEW NEMA TYPE 4X JUNCTION BOX WITH TERMINALS AND IDENTIFICATION LAMACOID. JUNCTION BOX SIZE SHALL BE 6" HEIGHT X 6" WIDTH X 4" DEPTH COMPLETE WITH BACK PANEL AND GROUND BAR.
2. UTILIZE RIGID CONDUIT BETWEEN JBA–L82 AND JBA–L500 COMPLETE WITH HAZARDOUS RATED CONDUIT SEAL. CONNECT ALL WIRES AT JBA–L101 AND LEAVE ONE SPARE CONDUCTOR COILED UP JBA–L82.
3. LEVEL SWITCH CONTACT SHALL BE CLOSED DURING NORMAL OPERATION AND OPEN DURING HIGH LEVEL.

KGS GROUP

NO.	REVISIONS	DATE	DESIGN	CHECK
0	ISSUED FOR CONSTRUCTION	2023 03 24	CSR	DDW

DESIGNED BY: A. NIRMAL
CHECKED BY: DDW
DRAWN BY: R. GASPAR
APPROVED BY: DDW
SCALE: NTS
DATE: 2022/07/15
ISSUED FOR CONSTRUCTION
BY:
DATE:
CONSULTANT NO.: 22–0107–004–A29.01

ENGINEER'S SEAL
PROVINCE OF MANITOBA
D.D. WILSON
Member
22552
2023-03-23
REGISTERED PROFESSIONAL ENGINEER

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT
ENGINEERING DIVISION

METCALFE LIFT PUMPING STATION
2022 UPGRADES
LOOP DIAGRAM
WET WELL & COMMINUTOR LEVEL SWITCH
LSHH–L101 & LSH–L502

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1–0162L–A0029	001	0	B

B SIZE – 279mm x 432mm

LAST SAVE: 2023/03/23 – 8:29am
PATH: P:\Projects\2022\22–0107–004\Dwg\Elec\1–0162L–A0029–001.dwg

PLOT DATE: Mar 23, 2023 – 8:29am
BID OPPORTUNITY: 864–2022
FILE PATH: P:\Projects\2022\22–0107–004\Dwg\Elec\
FILE NAME: 1–0162L–A0029–001.dwg