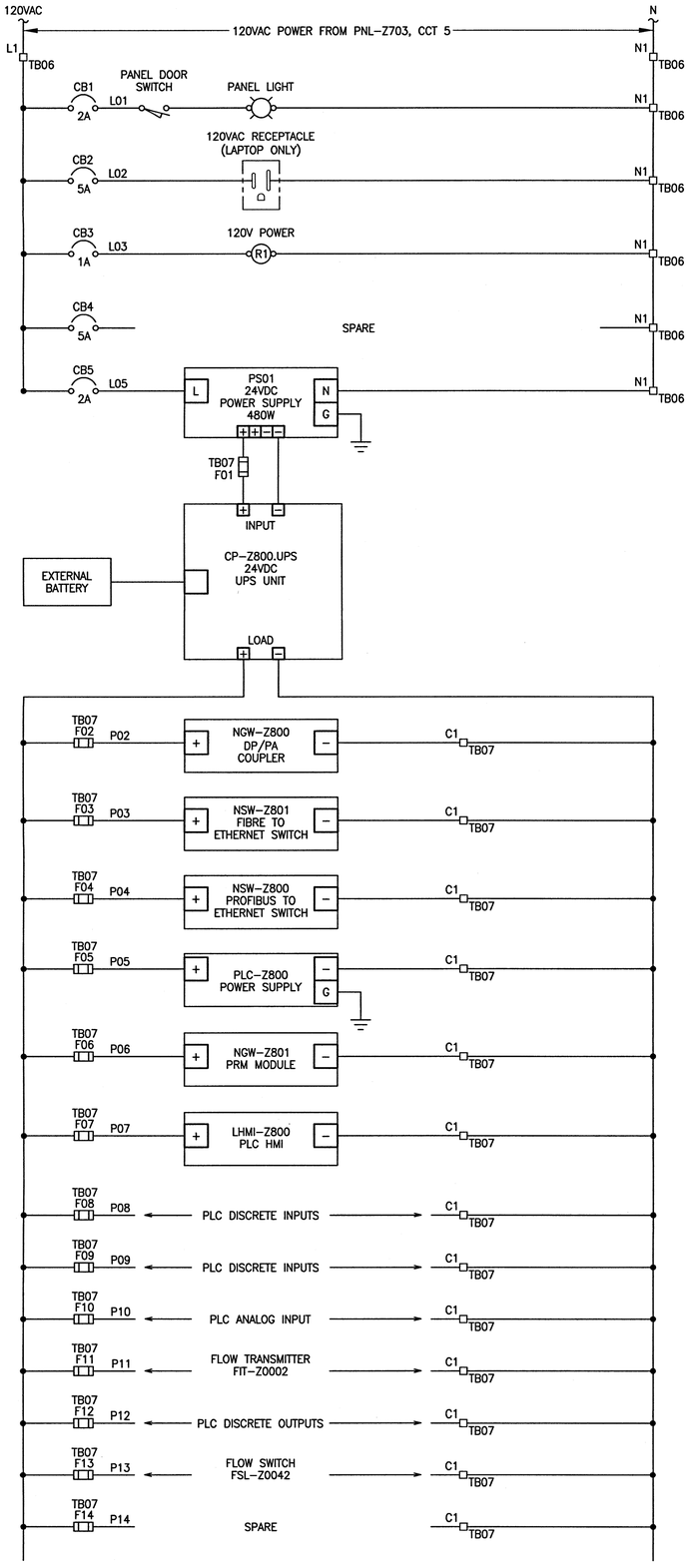
A1 SIZE - 594mm x 841mm



TERMINAL LAYOUT TB07

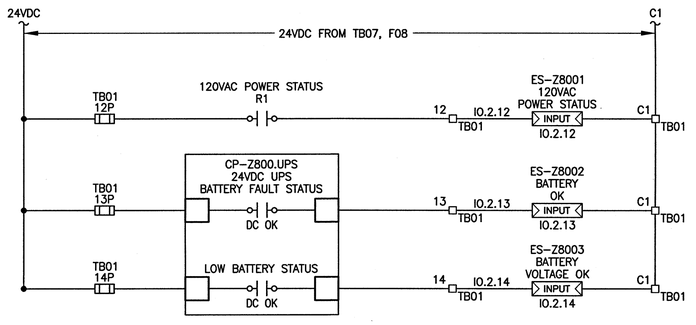
F01
F02
F03
F04
F05
F06
F07
F08
F09
F10
F11
F12
F13
F14
C1
C1
C1
C1
C1
C1
C1
C1
C1
C1
C1
C1
C1
C1

POWER CONSUMPTION AT 24VDC

LOAD	QUANTITY	CURRENT (mA)	SUBTOTAL (mA)
DISCRETE INPUTS	32	3.5	112
ANALOG INPUT	8	5.625	45
DP/PA COUPLER (NGW-Z800)	1	5852	5852
FIBRE TO EHTERNET SWITCH (NSW-Z801)	1	166.67	166.67
PROFIBUS ETHERNET SWITCH (NSW-Z800)	1	416.67	416.67
PLC POWER SUPPLY (PLC-Z800)	1	1292	1292
PRM MODULE (NPC-Z800)	1	200	200
PLC HMI (LHMI-Z800)	1	1250	1250
FLOW TRANSMITTER (FIT-Z0002)	1	417	417
MISCELLANEOUS RELAYS	3	100	300
TOTAL:	N/A	N/A	10051.34

FUSE SCHEDULE

M	IDENTIFIER	SIZE	RATED CURRENT
TB07	F01	5x20mm	20A
	F02	5x20mm	8A
	F03	5x20mm	0.25A
	F04	5x20mm	0.63A
	F05	5x20mm	2A
	F06	5x20mm	0.25A
	F07	5x20mm	2A
	F08	5x20mm	0.25A
	F09	5x20mm	0.25A
	F10	5x20mm	0.25A
	F11	5x20mm	0.63A
	F12	5x20mm	5A (TIME DELAY)
	F13	5x20mm	0.25A
	F14	5x20mm	0.25A



APEGM Certificate of Authorization
KGS Group
No. 245

B.M. –
ELEV. –

NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR CONSTRUCTION	2016/09/02	DDW	GAB

KGS GROUP CONSULTING ENGINEERS

DESIGNED BY: D. D. WILSON	CHECKED BY: J.A. BOUCHARD
DRAWN BY: G. C. NELSON	APPROVED BY: J.A. BOUCHARD
SCALE: N.T.S.	ISSUED FOR CONSTRUCTION BY:
DATE: 2016/03/18	DATE:
CONSULTANT NO.: 15-0107-019_E15	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
J.A. BOUCHARD
Member 20560
REGISTERED PROFESSIONAL ENGINEER
16/09/02

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

WEST END SEWAGE TREATMENT PLANT
EFFLUENT MONITORING STATION
WIRING/CONNECTION DIAGRAM
PLC PANEL CP-Z800
POWER DISTRIBUTION

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0103-ACBD-Z003		00	A1

PLOT DATE: Sep 02, 2016 - 3:12pm
FILE NAME: 15-0107-019_E15.dwg

FileName: P:\Projects\2015\15-0107-019\Dwg\Elec\15-0107-019_E15.dwg - Tab: E15 Plotted By: dderoche 09/02/2016 [Fri 3:12pm]