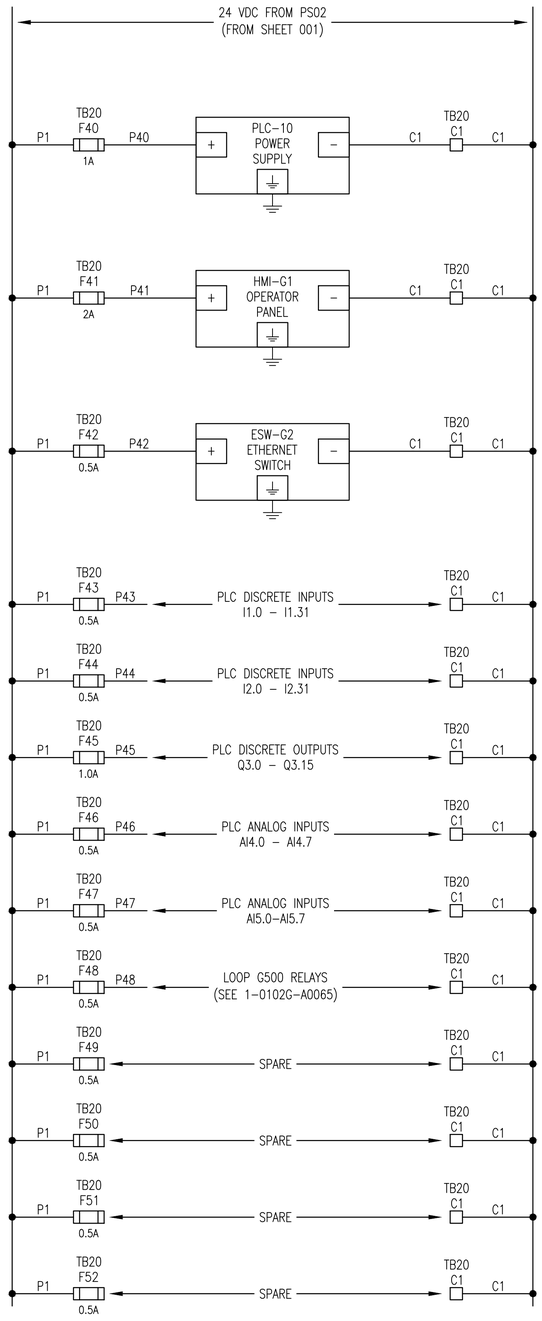
A1 SIZE - 594mm x 841mm

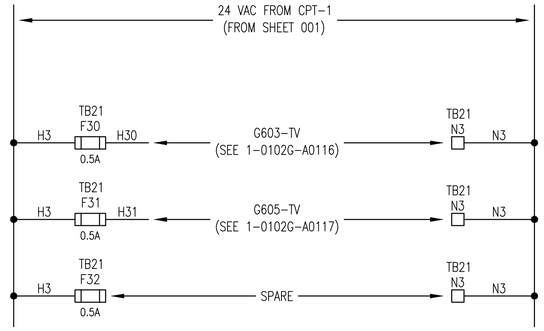
FUSE SCHEDULE			
M	IDENTIFIER	SIZE	RATED CURRENT
TB20	F40	5x20mm	1A
	F41	5x20mm	2A
	F42	5x20mm	0.5A
	F43	5x20mm	0.5A
	F44	5x20mm	0.5A
	F45	5x20mm	1.0A
	F46	5x20mm	0.5A
	F47	5x20mm	0.5A
	F48	5x20mm	0.5A
	F49	5x20mm	0.5A
	F50	5x20mm	0.5A
	F51	5x20mm	0.5A
	F52	5x20mm	0.5A
TB21	F30	5x20mm	0.5A
	F31	5x20mm	0.5A
	F32	5x20mm	0.5A

POWER CONSUMPTION SCHEDULE AT 24 VDC			
LOAD	QTY.	CURRENT (mA)	SUBTOTAL (mA)
DISCRETE INPUTS	64	3.5	224
DISCRETE OUTPUTS	8	9	72
DISCRETE OUTPUTS	8	50	400
ANALOG INPUTS	16	20	320
PLC-G10	1	708	708
HMI-G1	1	1250	1250
NSW-LCP-G1	1	92	92
MISC RELAYS	2	38	76
FLOW METERS	2	250	500
TOTAL			3642



TERMINAL LAYOUT TB20

F40
F41
F42
F43
F44
F45
F46
F47
F48
F49
F50
F51
F52
C1
C1
C1
C1
C1
C1
C1
C1
C1
C1



TERMINAL LAYOUT TB21

F30
N3
S
F31
N3
F32
N3
S

APEGM Certificate of Authorization
SNC-Lavalin Inc.
No. 4489

NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR TENDER, BID OPP. 545-2012	2012/08/31	TMC	CJR

SNC·LAVALIN INC.
148 Nature Park Way
Winnipeg, MB, Canada R3P 0X7
204-786-8080

DESIGNED BY: T. CHURCH	CHECKED BY: C. REIMER
DRAWN BY: MJ. PERSSON	APPROVED BY: C. REIMER
SCALE: NTS	RELEASED FOR CONSTRUCTION BY: N. HARRINGTON
DATE: 2012/01/31	DATE: 2012/08/31
CONSULTANT NO.: 112577-0116-48DD-0102	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
T.M. CHURCH
Member 32682
REGISTERED PROFESSIONAL ENGINEER
Oct. 10 2012
Rev. 00

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
VENTILATION & MISC UPGRADES
POWER DISTRIBUTION SCHEMATIC
LCP-G1

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0102G-A0101	002	00	A1

LAST SAVE: 2012/10/09 - 9:34am
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