

FUSE SCHEDULE			
TB	IDENTIFIER	SIZE	RATING
TB20	F0101	5x20mm	5A TD
	F0102	5x20mm	5A FA
	F0103	5x20mm	5A TD
	F0104	5x20mm	1A FA
	F0105	5x20mm	1A FA
TB21	F2101	5x20mm	5A TD
	F2102	5x20mm	5A FA
	F2103	5x20mm	5A FA
	F2104	5x20mm	1A FA
	F2105	5x20mm	1A FA
	F2106	5x20mm	1A FA
	F2107	5x20mm	1A FA
TB22	F4501	5x20mm	5A FA
	F4502	5x20mm	5A FA
	F4503	5x20mm	1A FA
	F4504	5x20mm	1A FA

NOTES  
FA = FAST ACTING  
TD = TIME DELAY

ELECTRONIC CIRCUIT PROTECTION SCHEDULE			
TB	IDENTIFIER	SIZE	RATING
TB30A	CB-01021	12.5x80mm	1A CLASS 2
	CB-01022	12.5x80mm	1A CLASS 2
TB30B	CB-01031	12.5x80mm	2A CLASS 2
	CB-01032	12.5x80mm	2A CLASS 2
	CB-01033	12.5x80mm	3A CLASS 2
	CB-01034	12.5x80mm	3A CLASS 2
	CB-01035	12.5x80mm	1A CLASS 2
	CB-01036	12.5x80mm	1A CLASS 2
TB31A	CB-21021	12.5x80mm	1A CLASS 2
	CB-21022	12.5x80mm	1A CLASS 2
TB31B	CB-21031	12.5x80mm	2A CLASS 2
	CB-21032	12.5x80mm	2A CLASS 2
TB32A	CB-45011	12.5x80mm	1A CLASS 2
	CB-45012	12.5x80mm	1A CLASS 2
TB32B	CB-45021	12.5x80mm	2A CLASS 2
	CB-45022	12.5x80mm	2A CLASS 2

NOTES

POWER CONSUMPTION SCHEDULE AT 24 VDC				
LOAD	RM01 CURRENT (mA)	RM02 CURRENT (mA)	RM03 CURRENT (mA)	NOTES
PLC-G800-A	1650	-	-	1
PLC-G800-B	-	1650	-	1
NGW-G940	200	-	-	2
NGW-G941	-	200	-	2
NSW-G930	417	-	417	2
NSW-G931	-	417	417	2
ND-G840-1 RACK	1200	800	-	2
ND-G840-2 RACK	1000	800	-	2
ND-G841-1 RACK	-	800	800	2
ND-G840-1 SEGMENT G850	38	-	-	2
ND-G840-2 SEGMENT G855	40	-	-	2
LED24V15	-	1000	-	2
TOTAL	4545	5667	1634	

NOTES  
1. BASED ON 55W OF POWER CONSUMPTION.  
2. BASED ON DATA SHEET.

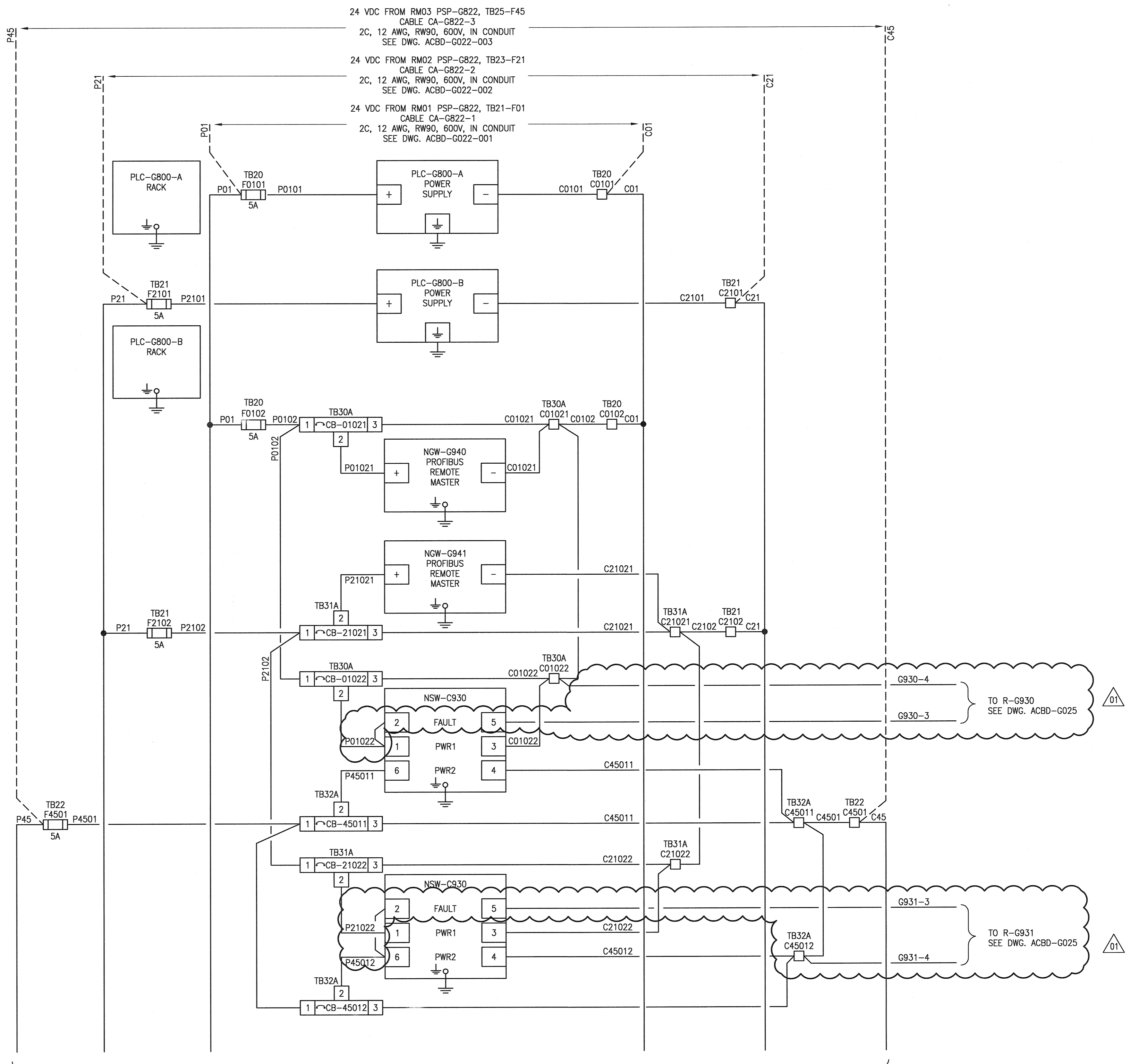
TERMINAL LAYOUT TB20	TERMINAL LAYOUT TB21	TERMINAL LAYOUT TB22
F0101	F2101	F4501
F0102	F2102	F4502
F0103	F2103	F4503
F0104	F2104	F4504
F0105	F2105	C4501
C0101	F2106	C4502
C0102	F2107	C4503
C0103	C2101	C4504
C0104	C2102	
C0105	C2103	
	C2104	
	C2105	
	C2106	
	C2107	

TERMINAL LAYOUT TB30A	TERMINAL LAYOUT TB31A	TERMINAL LAYOUT TB32A
CB-01021	CB-21021	CB-45011
CB-01022	CB-21022	CB-45012
C01021	C21021	C45011
C01022	C21022	C45012

TERMINAL LAYOUT TB30B	TERMINAL LAYOUT TB31B	TERMINAL LAYOUT TB32B
CB-01031	CB-21031	CB-45021
CB-01032	CB-21032	CB-45022
CB-01033	CB-21033	C45021
CB-01034	CB-21034	C45022
CB-01035	CB-21035	
CB-01036	CB-21036	
C01031	C21031	
C01032	C21032	
C01033	C21033	
C01034	C21034	
C01035		
C01036		



CONTINUED ON SHT. 002

REFERENCE DRAWINGS	DESCRIPTION



DESIGNED BY: M. WANG DRAWN BY: M. WANG SCALE: NTS		CHECKED BY: P. CHICATUN APPROVED BY: E. RYCZKOWSKI ISSUED FOR CONSTRUCTION BY: J. SHUMKA DATE: 2015/07/24 DATE: 2017/04/05		SOUTH END WATER POLLUTION CONTROL CENTRE SEWPCC UPGRADING/EXPANSION PROJECT AUTOMATION - POWER DISTRIBUTION SCHEMATIC HEADWORKS AREA CP-G822, PLC AND DEVICE NETWORK EQUIPMENT CABINET		CITY DRAWING NUMBER: 1-0102-ACBD-G024 SHEET: 001 REV: 01 SIZE: A1	
NO. REVISIONS		DATE DESIGN CHECK		CONSULTANT NO.: 474248		FILE NAME: 1-0102-ACBD-G024-001.dwg	

DESIGNED BY: M. WANG  
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DRAWN BY: M. WANG  
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