



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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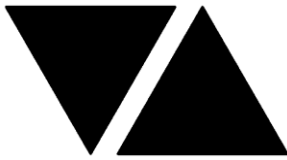
C3179a - SUNNYBANK COMMUNITY SPORTS CLUB

C3179a-0013(B).xls

DISTRIBUTION BOARD DB-G8 (BISTRO STORE)

REVISION B - 02 OCTOBER 2024

							REV	
FAULT CURRENT:		6kA	MAIN SWITCH:		160A NON AUTO LOAD BREAK ISOLATOR		A	
CHASSIS SIZE:		84 POLES	SUPPLIED FROM:		MSB		A	
CHASSIS RATING:		250A	SUPPLY CABLE:		4C35		A	
PHASES:		3						A
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE DIN RAIL REQUIRED FOR THE DYNALITE CONTROLS PROVIDED AS PART OF THE WORKS . PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION. RECONNECT ALL OF THE EXISTING DB-G8 CIRCUITS THAT REMAIN TO THE NEW DB-G8 WITH NEW SWITCHGEAR AND CONTROLS THAT HAS THE SAME CAPACITY AND FUNCTION AS THE ORIGINAL. PROVIDE THE DB AS SEMI RECESSED WITH A RECESS TRIM.							A	
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE		
P1	1	20	RCBO	2.5	BISTRO	GPOs	A	
P2	1	20	RCBO	2.5	WASHUP	ICE	A	
P3	1	20	RCBO	2.5	BAR	GPOs	A	
P4	1	20	RCBO	2.5	WASHUP	GLASS WASHER	A	
P5	1	20	RCBO	2.5	WASHUP	GLASS WASHER	A	
P6	1	20	RCBO	2.5	BISTRO	GPOs	A	
P7	1	20	RCBO	2.5	PLAYGROUND	PLAYGROUND	A	
P8	1	20	RCBO	2.5	BISTRO	GPOs	A	
P9	1	20	RCBO	2.5	BISTRO	TV	A	
P10	1	20	RCBO	2.5	BAR	WATER	A	
P11	1	20	RCBO	2.5	BAR	POST MIX	A	
P12	1	20	RCBO	2.5	BAR	POINT OF SALE	A	
P13	1	20	RCBO	2.5	BAR	REFRIGERATOR	A	
P14	1	20	RCBO	2.5	BAR	GPOs	A	
P15	1	20	RCBO	2.5	BAR	POST MIX	A	
P16	1	20	RCBO	2.5	BAR	REFRIGERATOR	A	
P17	1	20	RCBO	2.5	BAR	REFRIGERATOR	A	
P18	1	20	RCBO	2.5	BAR	GPOs	A	
P19	1	20	RCBO	2.5	BAR	GLASS WASHER	A	
P20	1	20	RCBO	2.5	BAR	COFFEE	A	
P21	1	20	RCBO	2.5	EXTERNAL	HEATERS	A	
P22	1	20	RCBO	2.5	EXTERNAL	HEATERS	A	
P23	1	20	RCBO	2.5	EXTERNAL	HEATERS	A	
P24	1	20	RCBO	2.5	EXTERNAL	HEATERS	A	
P25	1	20	RCBO	2.5	EXTERNAL	HEATERS	A	
P26	1	20	RCBO	2.5	EXTERNAL	HEATERS	A	



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CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE		
L1	1	20	RCBO	2.5	EXTERNAL	LIGHTS	A	
L2	1	20	RCBO	2.5	BISTRO	LIGHTS	A	
L3	1	20	RCBO	2.5	ALFRESCO	FANS	A	
L4	1	20	RCBO	2.5	EXTERNAL	FANS	A	
L5	1	20	RCBO	2.5	PLAY GROUND	FESTOON	A	
L6	1	20	RCBO	2.5	BISTRO	LIGHTS	A	
L7	1	20	RCBO	2.5	BISTRO	SIGN	A	
L8	1	20	RCBO	2.5	BISTRO	LIGHTS	A	
L9	1	20	RCBO	2.5	BISTRO	LIGHTS	A	
L10	1	20	RCBO	2.5	BISTRO	LIGHTS	A	
L11	1	20	RCBO	2.5	BISTRO	LIGHTS	A	
L12	1	20	RCBO	2.5	BISTRO	LIGHTS	A	
L13	1	20	RCBO	2.5	BAR	LIGHTS	A	
L14	1	20	RCBO	2.5	BISTRO	LIGHTS	A	
L15	1	20	RCBO	2.5	EXTERNAL	LIGHTS	A	
L16	1	20	RCBO	2.5	EXTERNAL	LIGHTS	A	
L17	1	20	RCBO	2.5	BISTRO	COFFER LEDS	A	
L18	1	20	RCBO	2.5	BISTRO	LIGHTS	B	