

ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS P.O. Box 15, SHERWOOD Q. 4075

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C3179a - SUNNYBANK COMMUNITY SPORTS CLUB **DISTRIBUTION BOARD DB-G8 (BISTRO STORE)**

C3179a-0013(D).xls

REVI	SION D	- 28 NOVEMBER 20	025				
							REV
		FAULT CURRENT:	6kA		MAIN SWITCH:	160A NON AUTO LOAD BREAK ISOLATOR	Α
		CHASSIS SIZE:	84 POLES		SUPPLIED FROM:	MSB	Α
		CHASSIS RATING:	250A		SUPPLY CABLE:	4C35	Α
		PHASES:	3				Α
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.							Α
CIRC	PH	CIRCUIT	CONTROL	CABLE	LOCATION	CIRCUIT	
CIRC	""	BREAKER (amps)	EQUIPMENT	SIZE (mm ²)	LOCATION	USE	
P1	1	20	RCBO	2.5	BISTRO	GPOs	Α
P2							ر

CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT	
CIRC						USE	
P1	1	20	RCBO	2.5	BISTRO	GPOs	Α
P2							С
P3							С
P4							С
P5							С
P6	1	20	RCBO	2.5	BISTRO	GPOs	Α
P7	1	20	RCBO	2.5	PLAYGROUND	PLAYGROUND	Α
P8	1	20	RCBO	2.5	BISTRO	GPOs	Α
P9	1	20	RCBO	2.5	BISTRO	TV	Α
P10	1	20	RCBO	2.5	BAR	WATER	Α
P11	1	20	RCBO	2.5	BAR	POST MIX	Α
P12	1	20	RCBO	2.5	BAR	POINT OF SALE	Α
P13	1	20	RCBO	2.5	BAR	REFRIGERATOR	Α
P14	1	20	RCBO	2.5	BAR	GPOs	Α
P15	1	20	RCBO	2.5	BAR	POST MIX	Α
P16	1	20	RCBO	2.5	BAR	REFRIGERATOR	Α
P17	1	20	RCBO	2.5	BAR	REFRIGERATOR	Α
P18	1	20	RCBO	2.5	BAR	GPOs	Α
P19	1	20	RCBO	2.5	BAR	GLASS WASHER	Α
P20	1	20	RCBO	2.5	BAR	COFFEE	Α
P21	1	20	RCBO	2.5	EXTERNAL	HEATERS	Α
P22	1	20	RCBO	2.5	EXTERNAL	HEATERS	Α
P23	1	20	RCBO	2.5	EXTERNAL	HEATERS	Α
P24	1	20	RCBO	2.5	EXTERNAL	HEATERS	Α
P25	1	20	RCBO	2.5	EXTERNAL	HEATERS	Α
P26	1	20	RCBO	2.5	EXTERNAL	HEATERS	Α
P27	1	20	RCBO	2.5	BAR	GLASS WASHER	D



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DIN RA	AIL REQU	OB WITH A FULL WIDTH EM IRED FOR THE DYNALITE (CONTROLS PROVIDED A	S PART OF THE WOR	KS. PROVIDE THE DB V	VITH AN AS2293	
PROTI	ECTION.	GHTING CONTROL SYSTE RECONNECT ALL OF THI AT HAS THE SAME CAPACI	E EXISTING DB-G8 CIRC	UITS THAT REMAIN TO	THE NEW DB-G8 WITH N	EW SWITCHGEAR AND	A
PROTI CONTI TRIM.	ECTION. ROLS THA	RECONNECT ALL OF THI	E EXISTING DB-G8 CIRC	UITS THAT REMAIN TO	THE NEW DB-G8 WITH N DE THE DB AS SEMI RECI	EW SWITCHGEAR AND	A
PROTI	ECTION.	RECONNECT ALL OF THI AT HAS THE SAME CAPAC	E EXISTING DB-G8 CIRC ITY AND FUNCTION AS T	UITS THAT REMAIN TO THE ORIGINAL. PROVI	THE NEW DB-G8 WITH N	EW SWITCHGEAR AND ESSED WITH A RECESS	A
PROTI CONTI TRIM.	ECTION. ROLS THA	RECONNECT ALL OF THI AT HAS THE SAME CAPACI	E EXISTING DB-G8 CIRC ITY AND FUNCTION AS T CONTROL	UITS THAT REMAIN TO THE ORIGINAL. PROVI	THE NEW DB-G8 WITH N DE THE DB AS SEMI RECI	EW SWITCHGEAR AND ESSED WITH A RECESS	A
PROTI CONTI TRIM.	PH	RECONNECT ALL OF THE AT HAS THE SAME CAPACE CIRCUIT BREAKER (amps)	E EXISTING DB-G8 CIRC ITY AND FUNCTION AS T CONTROL EQUIPMENT	UITS THAT REMAIN TO THE ORIGINAL. PROVI	THE NEW DB-G8 WITH N DE THE DB AS SEMI RECI	EW SWITCHGEAR AND ESSED WITH A RECESS CIRCUIT USE	
PROTE CONTI	PH	RECONNECT ALL OF THIAT HAS THE SAME CAPACI CIRCUIT BREAKER (amps) 20	E EXISTING DB-G8 CIRC ITY AND FUNCTION AS T CONTROL EQUIPMENT RCBO	CABLE SIZE (mm²) 2.5	THE NEW DB-G8 WITH N DE THE DB AS SEMI RECI LOCATION EXTERNAL	EW SWITCHGEAR AND ESSED WITH A RECESS CIRCUIT USE LIGHTS	A
PROTE CONTI TRIM. CIRC L1 L2	PH 1 1	CIRCUIT BREAKER (amps) 20 20	E EXISTING DB-G8 CIRC ITY AND FUNCTION AS T CONTROL EQUIPMENT RCBO RCBO	CABLE SIZE (mm²) 2.5 2.5	THE NEW DB-G8 WITH N DE THE DB AS SEMI RECI LOCATION EXTERNAL BISTRO	EW SWITCHGEAR AND ESSED WITH A RECESS CIRCUIT USE LIGHTS LIGHTS	A A
PROTE CONTITUE TRIM. CIRC L1 L2 L3	PH 1 1 1	CIRCUIT BREAKER (amps) 20 20 20 20	E EXISTING DB-G8 CIRC ITY AND FUNCTION AS T CONTROL EQUIPMENT RCBO RCBO RCBO	CABLE SIZE (mm²) 2.5 2.5 2.5	LOCATION EXTERNAL BISTRO ALFRESCO	EW SWITCHGEAR AND ESSED WITH A RECESS CIRCUIT USE LIGHTS LIGHTS FANS	A A A
PROTE CONTITUTE TRIM. CIRC L1 L2 L3 L4	PH 1 1 1 1	CIRCUIT BREAKER (amps) 20 20 20 20 20	E EXISTING DB-G8 CIRC ITY AND FUNCTION AS T CONTROL EQUIPMENT RCBO RCBO RCBO RCBO	CABLE SIZE (mm²) 2.5 2.5 2.5 2.5	LOCATION EXTERNAL BISTRO ALFRESCO EXTERNAL	CIRCUIT USE LIGHTS LIGHTS FANS LIGHS	A A A
PROTE CONTIL TRIM. CIRC L1 L2 L3 L4 L5	PH 1 1 1 1 1 1	CIRCUIT BREAKER (amps) 20 20 20 20 20 20 20 20	E EXISTING DB-G8 CIRC ITY AND FUNCTION AS T CONTROL EQUIPMENT RCBO RCBO RCBO RCBO RCBO RCBO	CABLE SIZE (mm²) 2.5 2.5 2.5 2.5 2.5 2.5	LOCATION EXTERNAL BISTRO ALFRESCO EXTERNAL PLAY GROUND	CIRCUIT USE LIGHTS LIGHTS FANS FESTOON	A A A A
PROTIF CONTINUE CONTINUE CIRC L1 L2 L3 L4 L5 L6	PH 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	RECONNECT ALL OF THIAT HAS THE SAME CAPACIAN BREAKER (amps) 20 20 20 20 20 20 20 20 20	E EXISTING DB-G8 CIRC ITY AND FUNCTION AS T CONTROL EQUIPMENT RCBO	CABLE SIZE (mm²) 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.	LOCATION EXTERNAL BISTRO ALFRESCO EXTERNAL PLAY GROUND BISTRO	CIRCUIT USE LIGHTS LIGHTS FANS FESTOON LIGHTS	A A A A A
PROTI CONTITUTE TRIM. CIRC L1 L2 L3 L4 L5 L6 L7	PH 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	RECONNECT ALL OF THIAT HAS THE SAME CAPACIAN BREAKER (amps) 20 20 20 20 20 20 20 20 20 20 20 20	E EXISTING DB-G8 CIRC ITY AND FUNCTION AS T CONTROL EQUIPMENT RCBO RCBO	CABLE SIZE (mm²) 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5	LOCATION EXTERNAL BISTRO ALFRESCO EXTERNAL PLAY GROUND BISTRO BISTRO BISTRO	EW SWITCHGEAR AND ESSED WITH A RECESS CIRCUIT USE LIGHTS LIGHTS FANS FANS FESTOON LIGHTS SIGN	A A A A A A A

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2.5

2.5

2.5

2.5

2.5

2.5

2.5

BISTRO

BISTRO

BAR

BISTRO

EXTERNAL

EXTERNAL

BISTRO

BISTRO

LIGHTS

LIGHTS

LIGHTS

LIGHTS

LIGHTS

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COFFER LEDS

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