



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3763a - REDLANDS SPORTING CLUB - STAGE 2

C3763a-0005(A).xls

DISTRIBUTION BOARD DB-B1

REVISION A - 20 OCTOBER 2026

							REV
FAULT CURRENT:		6KA		MAIN SWITCH:		100 AMP NON AUTO LOAD BREAK	A
CHASSIS SIZE:		60 POLE					A
CHASSIS RATING:		250A		SUPPLY CABLE:		4C16+E	A
PHASES:		3		SOURCE:		DB-B	A
REFER TO THE EQUIPMENT SCHEDULE AND NOTES FOR ADDITIONAL REQUIREMENTS. PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE CONTROLS INCLUDING THE DYNALITE EQUIPMENT PROVIDED AS PART OF THE INITIAL WORKS. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION. ENSURE THE SCHEDULE INCLUDES THE CIRCUIT USE AND LOCATION.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	SPORTS BAR	JUMBOTRON	A
P2	1	20	RCBO	2.5	SPORTS BAR	ARCADE GAME	A
P3	1	20	RCBO	2.5	SPORTS BAR	ARCADE GAME	A
P4	1	20	RCBO	2.5	SPORTS BAR	ARCADE GAME	A
P5	1	20	RCBO	2.5	SPORTS BAR	CLEANING	A
P6	1	20	RCBO	2.5	SPORTS BAR	REF	A
P7	1	20	RCBO	2.5	SPORTS BAR	BAR KENO	A
P8	1	20	RCBO	2.5	SPORTS BAR	LED SCREEN	A
P9	1	20	RCBO	2.5	SPORTS BAR	BIG SCREN	A
P10	1	20	RCBO	2.5	SPORTS BAR	BIG SCREN	A
P11	1	20	RCBO	2.5	SPORTS BAR	GAME HUB	A
P12	1	20	RCBO	2.5	SPORTS BAR	KENO	A
P13	1	20	RCBO	2.5	TAB	TV	A
P14	1	20	RCBO	2.5	TAB	TABLETS	A
P15	1	20	RCBO	2.5	TAB	NODI	A
P16	1	20	RCBO	2.5	TAB	SELF SERVE	A
P17	1	20	RCBO	2.5	GOLF SIMULATOR	TV	A
P18	1	20	RCBO	2.5	GOLF SIMULATOR	PROJECTOR	A
P19	1	20	RCBO	2.5	GOLF SIMULATOR	COMPUTER	A
P20	1	20	RCBO	2.5	GOLF SIMULATOR	SOUND BAR	A
P21	1	20	RCBO	2.5	GOLF SIMULATOR	TV	A
P22	1	20	RCBO	2.5	GOLF SIMULATOR	PROJECTOR	A
P23	1	20	RCBO	2.5	GOLF SIMULATOR	COMPUTER	A
P24	1	20	RCBO	2.5	GOLF SIMULATOR	SOUND BAR	A
L1	1	20	RCBO	2.5	SPORTS BAR	LIGHTING	A
L2	1	20	RCBO	2.5	SPORTS BAR	SIGNS	A
L3	1	20	RCBO	2.5	SPORTS BAR	LIGHTING	A
L4	1	20	RCBO	2.5	SPORTS BAR	LIGHTING	A
L5	1	20	RCBO	2.5	SPORTS BAR	LIGHTING	A