



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

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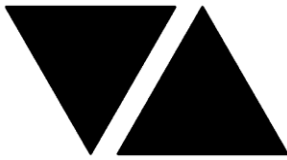
C3264a - CABOOLTURE SPORTS CLUB REDEVELOPMENT

C3264a-0008(A).xls

DISTRIBUTION BOARD DB-K

REVISION A - 02 OCTOBER 2024

CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	REV
FAULT CURRENT: 6kA CHASSIS RATING: 250A PHASES: A MAIN SWITCH: 250A NON AUTO LOAD BREAK ISOLATOR							A
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. RECONNECT ALL OF THE EXISTING DB-2, DB-A AND DB-K CIRCUITS THAT REMAIN TO THE NEW DB-K WITH NEW SWITCHGEAR AND CONTROLS THAT MATCH THE EXISTING IN CAPACITY AND FUNCTION.							A
P1	3	40		6.0	KITCHEN		A
P2	3	40		6.0	KITCHEN		A
P3	3	40		6.0	KITCHEN		A
P4	3	40		6.0	KITCHEN		A
P5	3	40		6.0	KITCHEN		A
P6	3	40		6.0	KITCHEN		A
P7	3	20	RCBO	2.5	KITCHEN		A
P8	3	20	RCBO	2.5	KITCHEN		A
P9	3	20	RCBO	2.5	KITCHEN		A
P10	3	20	RCBO	2.5	KITCHEN		A
P11	3	20	RCBO	2.5	KITCHEN		A
P12	3	20	RCBO	2.5	KITCHEN		A
P13	1	20	RCBO	2.5	KITCHEN		A
P14	1	20	RCBO	2.5	KITCHEN		A
P15	1	20	RCBO	2.5	KITCHEN		A
P16	1	20	RCBO	2.5	KITCHEN		A
P17	1	20	RCBO	2.5	KITCHEN		A
P18	1	20	RCBO	2.5	KITCHEN		A
P19	1	20	RCBO	2.5	KITCHEN		A
P20	1	20	RCBO	2.5	KITCHEN		A
P21	1	20	RCBO	2.5	KITCHEN		A
P22	1	20	RCBO	2.5	KITCHEN		A
P23	1	20	RCBO	2.5	KITCHEN		A
P24	1	20	RCBO	2.5	KITCHEN		A
P25	1	20	RCBO	2.5	KITCHEN		A
P26	1	20	RCBO	2.5	KITCHEN		A
P27	1	20	RCBO	2.5	KITCHEN		A
P28	1	20	RCBO	2.5	KITCHEN		A
P29	1	20	RCBO	2.5	KITCHEN		A
P30	1	20	RCBO	2.5	KITCHEN		A
P31	1	20	RCBO	2.5	KITCHEN		A
P32	1	20	RCBO	2.5	KITCHEN		A
P33	1	20	RCBO	2.5	KITCHEN		A
P34	1	20	RCBO	2.5	KITCHEN		A
P35	1	20	RCBO	2.5	KITCHEN		A
P36	1	20	RCBO	2.5	KITCHEN		A
P37	1	20	RCBO	2.5	KITCHEN		A
P38	1	20	RCBO	2.5	KITCHEN		A
P39	1	20	RCBO	2.5	KITCHEN		A



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DISTRIBUTION BOARD DB-K

REVISION A - 02 OCTOBER 2024

							REV
FAULT CURRENT:		6kA	MAIN SWITCH:		250A NON AUTO LOAD BREAK ISOLATOR		A
CHASSIS RATING:		250A					A
PHASES:		A					A
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. RECONNECT ALL OF THE EXISTING DB-2, DB-A AND DB-K CIRCUITS THAT REMAIN TO THE NEW DB-K WITH NEW SWITCHGEAR AND CONTROLS THAT MATCH THE EXISTING IN CAPACITY AND FUNCTION.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	
L1	1	20	RCBO	2.5	KITCHEN	LIGHTS	A
L2	1	20	RCBO	2.5	KITCHEN	LIGHTS	A
L3	1	20	RCBO	2.5	KITCHEN	LIGHTS	A
L4	1	20	RCBO	2.5	KITCHEN	LIGHTS	A
L5	1	20	RCBO	2.5	KITCHEN	LIGHTS	A
L6	1	20	RCBO	2.5	KITCHEN	LIGHTS	A
L7	1	20	RCBO	2.5	KITCHEN	LIGHTS	A
L8	1	20	RCBO	2.5	KITCHEN	LIGHTS	A
L9	1	20	RCBO	2.5	KITCHEN	LIGHTS	A
L10	1	20	RCBO	2.5	KITCHEN	LIGHTS	A