

## **ELECTRICAL DESIGN GROUP**

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## C3264a - CABOOLTURE SPORTS CLUB REDEVELOPMENT DISTRIBUTION BOARD DB-K

C3264a-0008(A).xls

FAULT CURRENT: 68A   MAIN SWITCH: 250A NON AUTO LOAD REAK (SOLATOR)   A   A   A   A   A   A   A   A   A	REVISION A - 02 OCTOBER 2024										
CHASSIS RATING: 250A								REV			
PHASES: A			FAULT CURRENT:	6kA		MAIN SWITCH:		А			
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE CONTROLS INCLUDING THE DYNALITE COURMENT PROVIDED AS PART OF THE INITIAL WORKS. PROVIDE THE DB WITH AN AS283 EMERGENCY UGHTS, PROVIDE THE DB WITH AN AS283 PROTECTION. RECONNECT ALL OF THE EXISTING DB-2, 0B-A AND DB-K CIRCUITS THAT REMAIN TO THE NEW DB-K WITH NEW SWITCHCHARM AND CONTROLS THAT MATCH THE EXISTING THE APPACITY AND FUNCTION.    CIRC   PH			CHASSIS RATING:	250A				Α			
CONTROLS INCLUDING THE DYNALITE EQUIPMENT PROVIDED AS PART OF THE INITIAL WORKS. PROVIDE THE DB WITH AN ASZ293 EMERGENGROULD (LIGHTING CONTROL.) STEEM TO CONTROL. THE ASSOCIATED BERREAGNOV LIGHTS. PROVIDE THE DB WITH SURGE A 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 CONTROL. THAT MATCH THE EXISTING IN CAPACITY AND PUNCTION.    CIRC   PH   CIRCUIT   BREAKER (amps)			PHASES:	Α				Α			
PH   BREAKER (amps)   EQUIPMENT   SIZE (mm²)   LOCATION   USE     P1   3	CONTE EMERO PROTE	ROLS INC GENCY LI ECTION.	LUDING THE DYNALITE EG GHTING CONTROL SYSTE RECONNECT ALL OF THE	QUIPMENT PROVIDED AS M TO CONTROL THE AS EXISTING DB-2, DB-A A	S PART OF THE INITIA SOCIATED EMERGEN ND DB-K CIRCUITS TH	L WORKS. PROVIDE TH CY LIGHTS. PROVIDE TH IAT REMAIN TO THE NEW	IE DB WITH AN AS2293 E DB WITH SURGE				
P1   3   40   6.0   KITCHEN   A	CIRC	PH			SIZE ( mm <sup>2</sup> )	LOCATION	1				
P2	5.					I/ITOLIEN.					
P3   3   40   6.0   KITCHEN   A   A   A   A   A   A   A   A   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           P13         1         20         RCBO         2.5         KITCHEN         A           P11         3         20         RCBO         2.5         KITCHEN         A           P11         1         20         RCBO         2.5         KITCHEN         A           P11         1         20         RCBO         2.5         KITCHEN         A           P14         1         20         RCBO         2.5											
P5											
P6											
P7											
P8				DODO							
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           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											
P10   3   20					_						
P11   3   20								_			
P12   3   20								_			
P13					_						
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           P29         1         20         RCBO         2.5         KITCHEN         A           P20         1         20         RCBO         2.5         KITCHEN         A           P21         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											
P15											
P16											
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           P21         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           P25         1         20         RCBO         2.5         KITCHEN         A           P27         1					_						
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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	P18	1	20	RCBO	2.5	KITCHEN		Α			
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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           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	P21	1	20	RCBO	2.5	KITCHEN		Α			
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	P22	1	20	RCBO	2.5	KITCHEN		Α			
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	P23	1	20	RCBO	2.5	KITCHEN		Α			
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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	P25	1	20	RCBO	2.5	KITCHEN		Α			
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	P26	1	20	RCBO	2.5	KITCHEN		Α			
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	P27	1	20	RCBO	2.5	KITCHEN		Α			
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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	P29	1		RCBO	2.5	KITCHEN		Α			
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	P30	1		RCBO		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	P31	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	P32	1						Α			
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	P33	1	20	RCBO	2.5	KITCHEN		Α			
P36         1         20         RCBO         2.5         KITCHEN         A           P37         1         20         RCBO         2.5         KITCHEN         A           P38         1         20         RCBO         2.5         KITCHEN         A	P34	1	20	RCBO	2.5	KITCHEN		Α			
P37         1         20         RCBO         2.5         KITCHEN         A           P38         1         20         RCBO         2.5         KITCHEN         A	P35	1	20	RCBO	2.5	KITCHEN		А			
P38         1         20         RCBO         2.5         KITCHEN         A	P36	1		RCBO		KITCHEN		А			
	P37	1	20	RCBO	2.5	KITCHEN		Α			
P39 1 20 RCBO 2.5 KITCHEN A	P38	1	20	RCBO	2.5	KITCHEN		А			
	P39	1	20	RCBO	2.5	KITCHEN		Α			

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Pages inc. any attach. 1 of 2



## **ELECTRICAL DESIGN GROUP**

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## ${\tt C3264a - CABOOLTURE\ SPORTS\ CLUB\ REDEVELOPMENT\ DISTRIBUTION\ BOARD\ DB-K}$

C3264a-0008(A).xls

**REVISION A - 02 OCTOBER 2024** 

							REV
		FAULT CURRENT:	6kA		MAIN SWITCH:	250A NON AUTO LOAD BREAK ISOLATOR	А
		CHASSIS RATING:	250A				А
		PHASES:	Α				Α
CONTR EMERO PROTE	ROLS INC GENCY LI ECTION.	LUDING THE DYNALITE EC GHTING CONTROL SYSTE	QUIPMENT PROVIDED AS M TO CONTROL THE ASS E EXISTING DB-2, DB-A AN	PART OF THE INITIA SOCIATED EMERGEN ND DB-K CIRCUITS TH	ONTACTORS AND CONTR L WORKS. PROVIDE TH CY LIGHTS. PROVIDE THI IAT REMAIN TO THE NEW ON.	E DB WITH AN AS2293 E DB WITH SURGE	А
		CIRCUIT BREAKER (amps)	CONTROL	CABLE	LOCATION	CIRCUIT	
CIRC	PH		EQUIPMENT	SIZE ( mm² )		USE	
L1	1	20	RCBO	2.5	KITCHEN	LIGHTS	Α
L2	1	20	RCBO	2.5	KITCHEN	LIGHTS	Α
L3	1	20	RCBO	2.5	KITCHEN	LIGHTS	Α
L4	1	20	RCBO	2.5	KITCHEN	LIGHTS	Α
L5	1	20	RCBO	2.5	KITCHEN	LIGHTS	Α
L6	1	20	RCBO	2.5	KITCHEN	LIGHTS	Α
L7	1	20	RCBO	2.5	KITCHEN	LIGHTS	Α
L8	1	20	RCBO	2.5	KITCHEN	LIGHTS	Α
L9	1	20	RCBO	2.5	KITCHEN	LIGHTS	Α
L10							
	1	20	RCBO	2.5	KITCHEN	LIGHTS	Α
	1	20	RCBO	2.5	KITCHEN	LIGHTS	Α
	1	20	RCBO	2.5	KITCHEN	LIGHTS	A