



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

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C2791a - STAFFORD COMMUNITY CLUB

C2791a-0008(E).xls

DISTRIBUTION BOARD DB-A

REVISION E - 27 SEPTEMBER 2023

FAULT CURRENT: 6kA CHASSIS SIZE: 3 X 84 POLES CHASSIS RATING: 250A PHASES: A							MAIN SWITCH: INTEGRAL TO THE MSB	REV
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.								A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm <sup>2</sup> )	LOCATION	CIRCUIT USE		
P1	1	20	RCBO	2.5	EXTERNAL	MAINTENANCE	A	
P2	3	20	RCBO	2.5	ROOF	REF COMP	A	
P3	3	20	RCBO	2.5	ROOF	REF COMP	A	
P4	3	20	RCBO	2.5	ROOF	REF COMP	A	
P5	1	20	RCBO	2.5	KEG ISOLATION PANEL	KEG ROOM	A	
P6	1	20	RCBO	2.5	KEG ISOLATION PANEL	KEG ROOM	A	
P7	1	20	RCBO	2.5	CR ISOLATION PANEL	COOLROOM	A	
P8	1	20	RCBO	2.5	CR ISOLATION PANEL	COOLROOM	A	
P9	1	20	RCBO	2.5	CR ISOLATION PANEL	COOLROOM	A	
P10	1	20	RCBO	2.5	CR ISOLATION PANEL	COOLROOM	A	
P11	1	20	RCBO	2.5	CR ISOLATION PANEL	COOLROOM	A	
P12	1	20	RCBO	2.5	CR ISOLATION PANEL	COOLROOM	A	
P13	1	20	RCBO	2.5	CR ISOLATION PANEL	COOLROOM	A	
P14	1	20	RCBO	2.5	CR ISOLATION PANEL	COOLROOM	A	
P15	1	20	RCBO	2.5	KITCHEN	PENDANT OUTLET	E	
P16							D	
P17							D	
P18							D	
P19							D	
P20							D	
P21							E	
P22							E	
P23	1	32	RCBO	6.0	KITCHEN	PIZZA OVEN	E	
P24	1	20	RCBO	6.0	BOOSTER CABINET	CHARGER	A	
P25	1	20	RCBO	6.0	BOOSTER CABINET	JACKING PUMP	A	
P26	1	20	RCBO	2.5	EXTERNAL	GAS HWS	A	
P27	1	20	RCBO	2.5	STAFF	GPO	A	
P28	1	20	RCBO	2.5	PWD	HD	A	
P29	1	20	RCBO	2.5	OFFICE	GPO	A	
P30	1	20	RCBO	2.5	MALE	HD	A	
P31	1	20	RCBO	2.5	FEMALE	HD	A	
P32	1	20	RCBO	2.5		CLEANING	A	
P33	1	20	RCBO	2.5		CLEANING	A	
P34	1	20	RCBO	2.5	KEG ROOM	BEER	A	
P35	1	20	RCBO	2.5	KEG ROOM	BEER	A	
P36	1	20	RCBO	2.5	KEG ROOM	GLYCOL	A	
P37	1	20	RCBO	2.5	LOADING DOCK	MAINTENANCE	A	
P38	3	20	RCBO	2.5	LOADING DOCK	RSD	A	
P39	1	20	RCBO	2.5	LOADING DOCK	ICE MACHINE	A	
P40	1	20	RCBO	2.5	LOADING DOCK	POST MIX	A	
P41	1	20	RCBO	2.5	LOADING DOCK	POST MIX	A	
P42	1	20	RCBO	2.5	KITCHEN	GPO	A	
P43	1	20	RCBO	2.5	KITCHEN	GPO	A	
P44	3	20	RCBO	2.5	ROOF	GYCOL COMP	B	
P45	1	20	RCBO	2.5	KITCHEN	PRINTER	A	





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								A
								A
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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.								A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE		
L9	1	20	RCBO	2.5	FRONT DECK	HEATER	B	
L10	1	20	RCBO	2.5	FRONT DECK	HEATER	B	
L11	1	20	RCBO	2.5	FRONT DECK	HEATER	B	
L12	1	20	RCBO	2.5	FRONT DECK	HEATER	B	
L13	1	20	RCBO	2.5	REAR DECK	HEATER	B	
L14	1	20	RCBO	2.5	REAR DECK	FANS	A	
L15							C	
L16	1	20	RCBO	4.0	EXTERNAL	LP1	A	
L17	1	20	RCBO	4.0	EXTERNAL	ENTRY	A	
L18	1	20	RCBO	10.0	EXTERNAL	PYLON SIGN	A	
L19	1	20	RCBO	10.0	EXTERNAL	BOOSTER CABINET	A	
L20	1	20	RCBO	2.5	EXTERNAL	CATENARY LIGHTS	A	
L21							D	
L22	1	20	RCBO	2.5	EXTERNAL	UPLIGHTS	A	
L23	1	20	RCBO	2.5	EXTERNAL	LIGHTS	A	
L24	1	20	RCBO	2.5	EXTERNAL	LIGHTS	A	
L25	1	20	RCBO	2.5	EXTERNAL	LIGHTS	A	
L26	1	20	RCBO	2.5		LIGHTS	A	
L27	1	20	RCBO	2.5		LIGHTS	A	
L28	1	20	RCBO	2.5		LIGHTS	A	
L29	1	20	RCBO	2.5		LIGHTS	A	
L30	1	20	RCBO	2.5		LIGHTS	A	
L31	1	20	RCBO	2.5	REAR DECK	HEATER	B	
L32	1	20	RCBO	2.5	FRONT DECK	HEATER	B	
L33	1	20	RCBO	2.5	FRONT DECK	HEATER	B	
L34	1	20	RCBO	2.5	FRONT DECK	HEATER	B	
L35	1	20	RCBO	2.5	FRONT DECK	HEATER	B	