



ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

P.O. Box 15, SHERWOOD Q. 4075

Phone: (07) 3278 4375

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C3294a - LLEWELLYN MOTORS SPRINGFIELD - LOT 32

C3294a-0004(A).xls

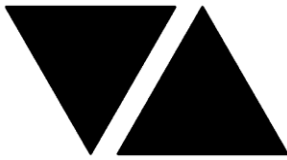
DISTRIBUTION BOARD DB-B (GROUND SOUTH)

REVISION A - 07 NOVEMBER 2024

				REV
FAULT CURRENT:	6KA USING CASCADING	MAIN SWITCH:	250A NON AUTO LOAD BREAK	A
CHASSIS SIZE:	2 X 96 POLE	SUPPLIED FROM:	MSB	A
CHASSIS RATING:	250A	SUPPLY CABLE:	4C70	A
PHASES:	3			A

PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION. EACH CUBICAL MUST BE 800 WIDE. REFER TO THE NOTES FOR ADDITIONAL REQUIREMENTS

CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	REV
P1	3	40		6.0		COMPRESSOR	A
P2	3	32	RCBO	4.0		3P OUTLET	A
P3	3	32	RCBO	4.0		3P OUTLET	A
P4	3	32	RCBO	4.0		3P OUTLET	A
P5	3	32	RCBO	4.0		3P OUTLET	A
P6	3	20	RCBO	2.5		HOIST	A
P7	3	20	RCBO	2.5		HOIST	A
P8	3	20	RCBO	2.5		HOIST	A
P9	3	20	RCBO	2.5		HOIST	A
P10	1	20	RCBO	2.5			A
P11	1	20	RCBO	2.5			A
P12	1	20	RCBO	2.5			A
P13	1	20	RCBO	2.5			A
P14	1	20	RCBO	2.5			A
P15	1	20	RCBO	2.5			A
P16	1	20	RCBO	2.5			A
P17	1	20	RCBO	2.5			A
P18	1	20	RCBO	2.5			A
P19	1	20	RCBO	2.5			A
P20	1	20	RCBO	2.5			A
P21	1	20	RCBO	2.5			A
P22	1	20	RCBO	2.5			A
P23	1	20	RCBO	2.5			A
P24	1	20	RCBO	2.5			A
P25	1	20	RCBO	2.5			A
P26	1	20	RCBO	2.5			A
P27	1	20	RCBO	2.5			A
P28	1	20	RCBO	2.5			A
P29	1	20	RCBO	2.5			A
P30	1	20	RCBO	2.5			A
P31	1	20	RCBO	2.5			A
P32	1	20	RCBO	2.5			A
P33	1	20	RCBO	2.5			A
P34	1	20	RCBO	2.5			A
P35	1	20	RCBO	2.5			A
P36	1	20	RCBO	2.5			A
P37	1	20	RCBO	2.5			A
P38	1	20	RCBO	2.5			A
P39	1	20	RCBO	2.5			A
P40	1	20	RCBO	2.5			A
P41	1	20	RCBO	2.5			A
P42	1	20	RCBO	2.5			A
P43	1	20	RCBO	2.5			A
P44	1	20	RCBO	2.5			A
P45	1	20	RCBO	2.5			A
P46	1	20	RCBO	2.5			A



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CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	
P47	1	20	RCBO	2.5			A
P48	1	20	RCBO	2.5			A
P49	1	20	RCBO	2.5			A
P50	1	20	RCBO	2.5			A
P51	1	20	RCBO	2.5			A
P52	1	20	RCBO	2.5			A
P53	1	20	RCBO	2.5			A
P54	1	20	RCBO	2.5			A
P55	1	20	RCBO	2.5			A
P56	1	20	RCBO	2.5			A
P57	1	20	RCBO	2.5			A
P58	1	20	RCBO	2.5			A
P59	1	20	RCBO	2.5			A
P60	1	20	RCBO	2.5			A
P61	1	20	RCBO	2.5			A
P62	1	20	RCBO	2.5			A
P63	1	20	RCBO	2.5			A
P64	1	20	RCBO	2.5			A
P65	1	20	RCBO	2.5			A
P66	1	20	RCBO	2.5			A
P67	1	20	RCBO	2.5			A
P68	1	20	RCBO	2.5			A
P69	1	20	RCBO	2.5			A
P70	1	20	RCBO	2.5			A
P71	1	20	RCBO	2.5			A
P72	1	20	RCBO	2.5			A
P73	1	20	RCBO	2.5			A
P74	1	20	RCBO	2.5			A
P75	1	20	RCBO	2.5			A
L1	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5			A
L2	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5			A
L3	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5			A
L4	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5			A
L5	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5			A
L6	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5			A
L7	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5			A



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CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm ²)	LOCATION	CIRCUIT USE	
L8	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5			A
L9	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5			A
L10	1	20	RCBO PE CELL ON DUSK OFF DAWN	2.5			A
L11	1	20	RCBO	2.5			A
L12	1	20	RCBO	2.5			A
L13	1	20	RCBO	2.5			A
L14	1	20	RCBO	2.5			A
L15	1	20	RCBO	2.5			A
L16	1	20	RCBO	2.5			A
L17	1	20	RCBO	2.5			A
L18	1	20	RCBO	2.5			A
L19	1	20	RCBO	2.5			A
L20	1	20	RCBO	2.5			A
L21	1	20	RCBO	2.5			A
L22	1	20	RCBO	2.5			A
L23	1	20	RCBO	2.5			A
L24	1	20	RCBO	2.5			A
L25	1	20	RCBO	2.5			A
L26	1	20	RCBO	2.5			A
L27	1	20	RCBO	2.5			A
L28	1	20	RCBO	2.5			A
L29	1	20	RCBO	2.5			A
L30	1	20	RCBO	2.5			A
L31	1	20	RCBO	2.5			A
L32	1	20	RCBO	2.5			A
L33	1	20	RCBO	2.5			A
L34	1	20	RCBO	2.5			A
L35	1	20	RCBO	2.5			A
L36	1	20	RCBO	2.5			A
L37	1	20	RCBO	2.5			A
L38	1	20	RCBO	2.5			A
L39	1	20	RCBO	2.5			A
L40	1	20	RCBO	2.5			A
L41	1	20	RCBO	2.5			A
L42	1	20	RCBO	2.5			A
L43	1	20	RCBO	2.5			A
L44	1	20	RCBO	2.5			A
L45	1	20	RCBO	2.5			A
L46	1	20	RCBO	2.5			A
L47	1	20	RCBO	2.5			A
L48	1	20	RCBO	2.5			A