ELECTRICAL DESIGN GROUP
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C2964a - BURNSIDE ROAD, GILBERTON **C2964a-0004(D).xls**

DISTRIBUTION BOARD DB-1

REVISION D - 17 APRIL 2024

				REV
FAULT CURRENT:	6KA	MAIN SWITCH:	250A NON AUTO LOAD BREAK	A
CHASSIS SIZE:	60 POLE	SUPPLIED FROM:	MSB	A
CHASSIS RATING:	250A	SUPPLY CABLE:	4C25	A
PHASES:	3			A

PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE CONTROLS INCLUDING THE 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^2)	LOCATION	CIRCUIT USE	
P1	3	63		2.5	WAREHOUSE	PV INVERTER	A
P2	3	20	RCBO	2.5	WAREHOUSE	ROLLER SHUT DOOR	A
P3	3	20	RCBO	2.5	WAREHOUSE	SLIDING DOOR	A
P4	3	20	RCBO	2.5	WAREHOUSE	RSD	A
P5	3	25	RCBO	4.0	ROOF	AC	D
P6	1	20	RCBO TC ON 6.00 AM OFF 10.00 PM	2.5	ROOF	EXHAUST	A
P7	1	20	RCBO	2.5	AMENITY	GPOs	A
P8	1	20	RCBO	2.5	OFFICE	GPOs	A
P9							C
P10	3	20	RCBO	2.5	KITCHEN	HWS	C
P11	1	20	RCBO	2.5	OFFICE	AC	D
L1	1	20	RCBO PE ON DUSK OFF DAWN	2.5	EXTERNAL	LIGHTS	A
L2	1	20	RCBO PE ON DUSK TC OFF 10.00PM	2.5	EXTERNAL	LIGHTS	A
L3	1	20	RCBO	2.5	WAREHOUSE	LIGHTS	A
L4	1	20	RCBO	2.5	WAREHOUSE	LIGHTS	A
L5	1	20	RCBO	2.5	WAREHOUSE	LIGHTS	A
L6	1	20	RCBO	2.5	OFFICE	LIGHTS	A
L7	1	20	RCBO	2.5	OFFICE	LIGHTS	A
							A

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