



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3134a - LOURDES HILL COLLEGE - STAGE 1

C3134a-0009(B).xls

DISTRIBUTION BOARD DB-GSC

REVISION B - 11 DECEMBER 2023

							REV
POWER CHASSIS SIZE: 84 POLES							A
LIGHTING CHASSIS SIZE: 60 POLES							A
							B
REFER TO THE DRAWING C3134A-E03.DWG SCHEMATIC FOR THE DISTRIBUTION BOARD CONFIGURATION AND ADDITIONAL DETAILS							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	
P1	1	20	RCBO	2.5	UNIFORM	GPOs	A
P2	1	20	RCBO	2.5	UNIFORM	SEWING	A
P3	1	20	RCBO	2.5	AMENITY	HD	A
P4	3	20	RCBO	2.5		HWS	A
P5	1	20	RCBO	2.5	STORE	GPOs	A
P6	1	20	RCBO	2.5		WM / DR	A
P7	1	20	RCBO	2.5		REF	A
P8	1	20	RCBO	2.5	SICK ROOM 2	GPOs	A
P9	3	20	RCBO	2.5		HWS	A
P10	1	20	RCBO	2.5	AMENITY	HD	A
P11	1	20	RCBO	2.5	SICK ROOM	GPOs	A
P12	1	20	RCBO	2.5	LUNCH ROOM	GPOs	A
P13	1	20	RCBO	2.5	LUNCH ROOM	REF	A
P14	1	20	RCBO	2.5	LUNCH ROOM	BWU	A
P15	1	20	RCBO	2.5	OFFICES	GPOs	A
P16	1	20	RCBO	2.5	OFFICES	GPOs	A
P17	1	20	RCBO	2.5	MEETING	GPOs	A
P18	1	20	RCBO	2.5		PRINTER	A
P19	1	20	RCBO	2.5		DW / MW	A
P20	1	20	RCBO	2.5	CIRCULATION	GPOs	A
P21	1	20	RCBO	2.5	AMENITY	HD	A
P22	1	20	RCBO	2.5	RECEPTION	GPOs	A
P23	1	20	RCBO	2.5		DRINKING FOUNTAIN	A
P24	1	20	RCBO	2.5	RECEPTION	DISPLAY	A
P25	1	20	RCBO	2.5	LUNCH ROOM	GPOs	A
P26	1	20	RCBO	2.5		BWU	A
P27	1	20	RCBO	2.5		REF	A
P28	1	20	RCBO	2.5		MW / DW	A
P29	1	20	RCBO	2.5	OFFICES	GPOs	A
P30	1	20	RCBO	2.5	COMMS ROOM	GPOs	B
P31	1	20	RCBO	2.5	COMMS ROOM	GPOs	B
P32	1	20	RCBO	2.5	COMMS ROOM	GPOs	B
P33	1	20	RCBO	2.5	COMMS ROOM	GPOs	B
P34	1	20	RCBO	2.5	COMMS ROOM	RACK	B
P35	1	20	RCBO	2.5	COMMS ROOM	RACK	B



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REFER TO THE DRAWING C3134A-E03.DWG SCHEMATIC FOR THE DISTRIBUTION BOARD CONFIGURATION AND ADDITIONAL DETAILS							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE ( mm <sup>2</sup> )	LOCATION	CIRCUIT USE	
L1	1	20	RCBO PE SEC	2.5	EXTERNAL	SIGN	B
L2	1	20	RCBO PE SEC	2.5	CIRCULATION	SECURITY LIGHTS	B
L3	1	20	RCBO PE SEC	2.5	EXTERNAL	LIGHTS	B
L4	1	20	RCBO PE SEC	2.5	EXTERNAL	LIGHTS	B
L5	1	20	RCBO PE SEC	2.5	EXTERNAL	LIGHTS	B
L6	1	20	RCBO PE SEC	2.5	CIRCULATION	LIGHTS	B
L7	1	20	RCBO PE SEC	2.5	CIRCULATION	LIGHTS	B
L8	1	20	RCBO PE SEC	2.5	CIRCULATION	LIGHTS	B
L9	1	20	RCBO PE SEC	2.5	CIRCULATION	LIGHTS	B
L10	1	20	RCBO	2.5	STAFF	LIGHTS	A
L11	1	20	RCBO	2.5	RECEPTION	LIGHTS	A
L12	1	20	RCBO	2.5	RECEPTION	LIGHTS	A
L13	1	20	RCBO	2.5		LIGHTS	A
L14	1	20	RCBO	2.5		LIGHTS	A
L15	1	20	RCBO	2.5	UNIFORM	LIGHTS	A
L16	1	20	RCBO	2.5	UNIFORM	LIGHTS	A
L17	1	20	RCBO	2.5		LIGHTS	A
L18	1	20	RCBO	2.5	STORE	LIGHTS	B
L19	1	20	RCBO	2.5	STAIRS	LIGHTS	B
L20	1	20	RCBO	2.5		LIGHTS	B
L21	1	20	RCBO PE SEC	2.5	TERRACE	LIGHTS	B
L22	1	20	RCBO PE SEC	2.5	TERRACE	LIGHTS	B
L23	1	20	RCBO PE SEC	2.5	TERRACE	LIGHTS	B
L24	1	20	RCBO PE SEC	2.5	TERRACE	LIGHTS	B
L25	1	20	RCBO PE SEC	2.5	TERRACE	LIGHTS	B