



# ELECTRICAL DESIGN GROUP

ELECTRICAL BUILDING SERVICES CONSULTANTS

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C3771a - HIGHFIELDS TAVERN

C3771a-0005(A).xls

DISTRIBUTION BOARD DB-A

REVISION A - 25 JUNE 2026

							REV
FAULT CURRENT:		6kA UTILISING CASCADING		MAIN SWITCH:		160A NON AUTO LOAD BREAK SWITCH	A
CHASSIS SIZE:		60 POLES		SUPPLIED FROM:		MSB	A
CHASSIS RATING:		250A		SUPPLY CABLE:		4C+E 35	A
PHASES:		3					A
PROVIDE THE DB WITH A FULL WIDTH EMPTY DIN RAIL TO ACCOMMODATE FUTURE CONTACTORS AND CONTROLS IN ADDITION TO THE INITIAL CONTROL EQUIPMENT. PROVIDE THE DB WITH AN AS2293 EMERGENCY LIGHTING CONTROL SYSTEM TO CONTROL THE ASSOCIATED EMERGENCY LIGHTS. PROVIDE THE DB WITH SURGE PROTECTION. PROVIDE A SHOP DRAWING INCLUDING THE LIGHTING CONTROL EQUIPMENT.							A
CIRC	PH	CIRCUIT BREAKER (amps)	CONTROL EQUIPMENT	CABLE SIZE (mm2)	LOCATION	CIRCUIT USE	A
P1	1	20	RCBO	2.5		TV	A
P2	1	20	RCBO	2.5		TV	A
P3	1	20	RCBO	2.5		TV	A
P4	1	20	RCBO	2.5		TV	A
P5	1	20	RCBO	2.5		AUTO DOOR	A
P6	1	20	RCBO	2.5		CLEANING	A
P7	1	20	RCBO	2.5		LED SCREEN	A
P8	1	20	RCBO	2.5		LED SCREEN	A
P9	1	20	RCBO	2.5		TV	A
P10	1	20	RCBO	2.5		ATM	A
P11	1	20	RCBO	2.5		TV	A
							A
							A
							A
							A
							A
L1	1	20	RCBO	2.5		LIGHTING	A
L2	1	20	RCBO	2.5		LIGHTING	A
L3	1	20	RCBO	2.5		LIGHTING	A
L4	1	20	RCBO	2.5		LIGHTING	A
L5	1	20	RCBO	2.5		LIGHTING	A
L6	1	20	RCBO	2.5		LIGHTING	A
L7	1	20	RCBO	2.5		LIGHTING	A
L8	1	20	RCBO	2.5		LIGHTING	A
L9	1	20	RCBO	2.5		LIGHTING	A
L10	1	20	RCBO	2.5		LIGHTING	A
L11	1	20	RCBO	2.5		LIGHTING	A
L12	1	20	RCBO	2.5		LIGHTING	A
L13	1	20	RCBO	2.5		LIGHTING	A
L14	1	20	RCBO	2.5		LIGHTING	A
L15	1	20	RCBO	2.5		LIGHTING	A
L16	1	20	RCBO	2.5		LIGHTING	A
L17	1	20	RCBO	2.5		LIGHTING	A
L18	1	20	RCBO	2.5		LIGHTING	A
L19	1	20	RCBO	2.5		LIGHTING	A
L20	1	20	RCBO	2.5		LIGHTING	A
							A
							A
							A
							A
							A