



BRANCH LAYOUT

LEGEND

SYMBOL	DESCRIPTION	HEIGHT
	SPS POWER POINT	
	SPS POWER POINT & SWITCH	
	SPS POWER POINT & SWITCH & SOCKET	
	NETWORKING POINT (2x2 & 4x4)	
	TELEPHONE POINT	
	NETWORKING SWITCH	
	S.P.N.	
	RAW POWER S.P.N.	
	S.P.N. POWER S.P.N.	
	SPS POWER POINT & SWITCH & SOCKET	
	CEILING FAN	ON CEILING
	40W/55W TUBE LIGHT FITTING	8'
	120W / 150W CFL	8'
	CEILING LIGHT	ON CEILING
	SWITCH BOARD WITH AMP/SOCKET	4'6" FT
	5 AMP SWITCH SOCKET	1'6" FT
	15 AMP SWITCH SOCKET	1'6" FT
	20 AMP SWITCH	
	25 AMP SWITCH SOCKET (A.C.)	1'6" FT
	EMERGENCY PANEL (FOR FIRE & ALARM)	
	DISTRIBUTION BOARD	
	L.T. MAIN CONTROL PANEL	8'6" FT
	WALL SWITCH	8'6" FT
	ROUTE OF OPTIC POWER WIRING (GND)	
	ROUTE OF RAW POWER WIRING (GND)	
	ROUTE OF NETWORKING WIRING	
	ROUTE OF TV WIRING (GND)	
	ROUTE OF POINT WIRING (H&S)	
	ROUTE OF POINT WIRING (GND)	
	ROUTE OF SOCKET WIRING (GND)	
	ROUTE OF SUB MAIN WIRING (GND)	
	ROUTE OF POWER POINT WIRING (GND)	
	ROUTE OF AC POINT WIRING (GND)	

	ROOT OF TELEPHONE WIRING
	COMPUTER WIRING ROUTE
	UPS POWER WIRING ROUTE
	RAW POWER WIRING ROUTE

Distribution board details(Light & fan point D.B's.)

ITEMS	TYPE	GROUP	AMP	NO.	LOAD	SIZE OF WIRE FOR CIRCUIT	COLOR
S.P.N. M.C.B.	100a	B	32	1	Main 418V	4x2.5sq.mm + 1x2.5sq.mm	Red+Blue+Yellow/Black+Green
S.P. M.C.B.	100a	B	6	5	Light 2x1.5sq.mm point + 1x1.5sq.mm	2x1.5sq.mm + 1x1.5sq.mm	Red+Blue+Green
S.P. M.C.B.	100a	B	10/16	1	Light Point	2x2.5sq.mm + 1x2.5sq.mm	Red+Blue+Green

Distribution board details(RAW power D.B's.)

ITEMS	TYPE	GROUP	AMP	NO.	LOAD	SIZE OF WIRE FOR CIRCUIT	COLOR
S.P.N. M.C.B.	100a	B	32	1	Main 230V	2x2.5sq.mm + 1x2.5sq.mm	Red+Blue+Green
S.P. M.C.B.	100a	B	10	5	CCM Power point	2x2.5sq.mm + 1x2.5sq.mm	Red+Blue+Green

Distribution board details(UPS power D.B's.)

ITEMS	TYPE	GROUP	AMP	NO.	LOAD	SIZE OF WIRE FOR CIRCUIT	COLOR
S.P.N. M.C.B.	100a	B	32	1	Main 230V	2x2.5sq.mm + 1x2.5sq.mm	Red+Blue+Green
S.P. M.C.B.	100a	B	10	5	CCM Power point	2x2.5sq.mm + 1x2.5sq.mm	Red+Blue+Green



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THE UCO BANK BANKA BRANCH LAYOUT

CLIENT :- UCO BANK

DWG. TITLE :- ELECT. LAYOUT PLAN

Date: 05-11-2022

Scale: NTS

DWG NO: 01

Chk. by: DHANAN

DEALTY BY: KR. PRASAD

KRISHNA GOPAL PRASAD (B.E. ELECTRIC)
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