

- NOTES:
- DO NOT SCALE
 - THIS DRAWING IS BEST VIEWED IN COLOUR & MUST BE READ IN CONJUNCTION WITH THE ELECTRICAL SPECIFICATION & ASSOCIATED DOCUMENTS.
 - THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE ARCHITECTS DRAWINGS AND DOCUMENTS.
 - THE ELECTRICAL INSTALLATION MUST COMPLY IN FULL WITH THE REQUIREMENTS OF BS7671: 18TH EDITION OF THE IET WIRING REGULATIONS INCLUDING ANY ASSOCIATED GUIDANCE NOTES & AMENDMENTS.
 - THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE CO-ORDINATION OF ELECTRICAL SERVICES & MUST LAISE WITH THE MAIN CONTRACTOR, MECHANICAL CONTRACTOR AND OTHER RELEVANT PARTIES ON SITE.
 - THE ELECTRICAL CONTRACTOR SHALL REMOVE AND/OR MODIFY EXISTING CONTAINMENT, LUMINAIRES, FIRE ALARM DEVICES ETC, AS REQUIRED TO FACILITATE THE INSTALLATION OF NEW SERVICES WITHIN THE WORKING AREA.
 - THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE CO-ORDINATION OF ELECTRICAL SERVICES, INCLUDING OF DEVICE POSITIONS, FINAL LOAD SIZES etc, & MUST LAISE WITH THE MAIN CONTRACTOR, MECHANICAL CONTRACTOR & OTHER RELEVANT PARTIES REGARDING SETTING OUT ON SITE.
 - ELECTRICAL CONTRACTOR SHALL UNDERTAKE A SITE SURVEY TO FAMILIARISE THEMSELVES WITH THE BUILDING, EXISTING SERVICES & ASSOCIATED RESTRICTIONS.
 - IT MUST BE NOTED THAT ADJACENT AREAS WILL REMAIN OPERATIONAL DURING THE CONTRACT PERIOD, & AS SUCH, DUE CARE & ATTENTION MUST BE MADE TO ENSURE ELECTRICAL SUPPLIES ARE UNINTERRUPTED DURING THIS TIME.
 - ALL WIRING SYSTEMS SHALL BE FULLY TESTED AND COMMISSIONED IN ACCORDANCE WITH THE IET WIRING REGULATIONS AND NICEIC RECOMMENDATIONS PRIOR TO PUTTING INTO SERVICE. AT THE END OF THE PROJECT AN NICEIC COMPLETION CERTIFICATE SHALL BE PROVIDED FOR THE WHOLE INSTALLATION.

WAY No.	MCB/RCBO RATING	TRIP CURVE	RCO/RCBO TYPE	ARC FAULT DETECTION	PHASE & NEUTRAL	CPC	CABLE TYPE	RING OR RADIAL CIRCUIT	DUTY
9L1	16	TYPE B	30mA TYPE B	N/A	4.0mm	4.0mm	SINGLES	RADIAL	CONSULT ROOM 6 AND 7 AC UNITS
9L2	20	TYPE B	30mA TYPE B	N/A	4.0mm	4.0mm	SINGLES	RADIAL	CONSULT ROOM 1 AND 2 GENERAL AREA GENERAL POWER.
9L3	20	TYPE B	30mA TYPE B	N/A	4.0mm	4.0mm	SINGLES	RADIAL	CONSULT ROOM 1, CONSULT ROOM 1, STORE CLEANERS SOCKETS.
10L1	-	-	-	-	-	-	-	-	SPACE
10L2	16	TYPE B	30mA TYPE B	N/A	4.0mm	4.0mm	SINGLES	RADIAL	CONSULT ROOM 3, 4 AND 5 AC UNITS
10L3	16	TYPE B	30mA TYPE B	N/A	4.0mm	4.0mm	SINGLES	RADIAL	CONSULT ROOM 1, 2 AND OFFICE AC UNITS.
11L123	16	TYPE B	30mA TYPE B	N/A	4.0mm	4.0mm	XTRP/24M /52M	RADIAL	EXTERNAL AC CONDENSER
WAYS TO BE USED FOR EXISTING CIRCUITS DIVERTED TO NEW DISTRIBUTION BOARD									

WAY No.	MCB/RCBO RATING	TRIP CURVE	RCO/RCBO TYPE	ARC FAULT DETECTION	PHASE & NEUTRAL	CPC	CABLE TYPE	RING OR RADIAL CIRCUIT	DUTY
7L1	20	TYPE B	30mA TYPE B	N/A	4.0mm	4.0mm	SINGLES	RADIAL	CONSULT ROOM 6 AND 7 GENERAL POWER.
7L2	20	TYPE B	30mA TYPE B	N/A	4.0mm	4.0mm	SINGLES	RADIAL	CONSULT ROOM 4 AND 5 GENERAL POWER.
7L3	20	TYPE B	30mA TYPE B	N/A	4.0mm	4.0mm	SINGLES	RADIAL	OFFICE GENERAL POWER.
8L1	20	TYPE B	30mA TYPE B	N/A	4.0mm	4.0mm	SINGLES	RADIAL	CONSULT ROOM 6, CONSULT ROOM 3, CLEANERS SOCKETS
8L2	20	TYPE B	30mA TYPE B	N/A	4.0mm	4.0mm	SINGLES	RADIAL	CONSULT ROOM 1, 2 AND STORE CLEANERS SOCKETS
8L3	20	TYPE B	30mA TYPE B	N/A	4.0mm	4.0mm	SINGLES	RADIAL	CONSULT ROOM 1 AND 2 GENERAL POWER.

DISTRIBUTION BOARD DB3 – LIGHTING & POWER BOARD									
WAY No.	MCB/RCBO RATING	TRIP CURVE	RCO/RCBO TYPE	ARC FAULT DETECTION	PHASE & NEUTRAL	CPC	CABLE TYPE	RING OR RADIAL CIRCUIT	DUTY
1L1	10	TYPE B	N/A	N/A	2.5mm	2.5mm	SINGLES	RADIAL	CONSULT ROOM 6, 7 AND LIGHTING
1L2	10	TYPE B	N/A	N/A	2.5mm	2.5mm	SINGLES	RADIAL	CONSULT ROOM 1, 2, OFFICE AND STORE LIGHTING
1L3	10	TYPE B	N/A	N/A	2.5mm	2.5mm	SINGLES	RADIAL	CONSULT ROOM 1, 2, OFFICE AND STORE LIGHTING
2L1	10	TYPE B	N/A	N/A	2.5mm	2.5mm	SINGLES	RADIAL	WAITING ROOM AND STORE LIGHTING
WAYS TO BE USED FOR EXISTING CIRCUITS DIVERTED TO NEW DISTRIBUTION BOARD									

LEGEND:

- TWIN DATA OUTLET
- CLEANERS SINGLE SOCKET OUTLET
- TWIN SWITCHED SOCKET OUTLET
- SWITCHED FUSED CONNECTION UNIT
- 'EL' DENOTES EXAMINATION LAMP
- 'FSO' FIRE SMOKE DAMPER
- MK PRESTIGE 3D ANTIRAC BLUE THREE COMPARTMENT DADO TRUNKING
- TP&N DISTRIBUTION BOARD
- SECURITY MAGNETIC DOOR CONTACT
- EXISTING RELOCATED CEILING/SOFFIT MOUNTED FIXED BODY DOME TYPE CCTV CAMERA

