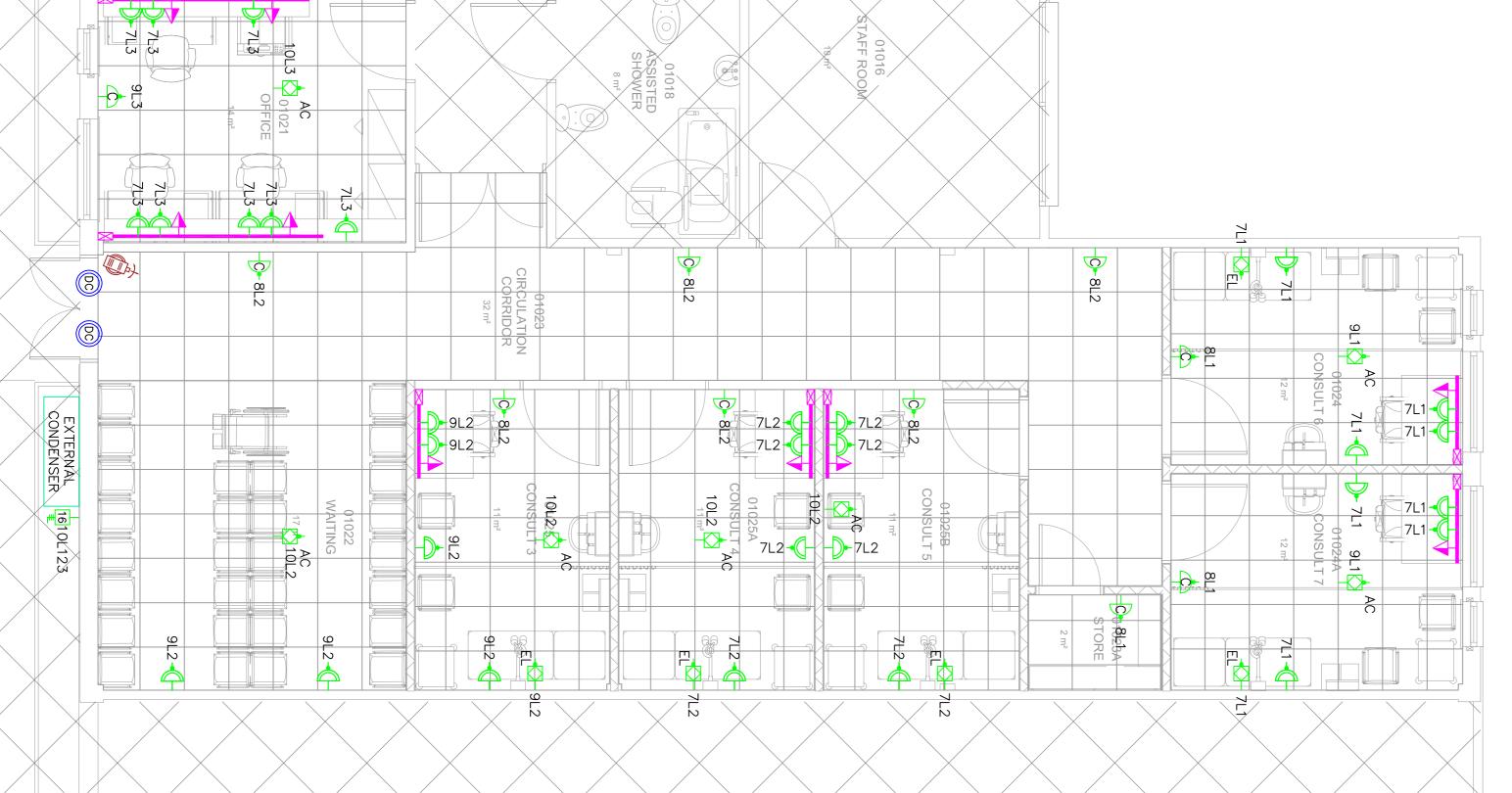
2L1	1L3	1L2	1 1 1	WAY No.	
10	10	10	10	MCB/RCBO RATING	D!
TYPE B	TYPE B	TYPE B	TYPE B	TRIP CURVE	STRIBUT
N/A	N/A	N/A	N/A	RCD/RCBO TYPE	DISTRIBUTION BOARD DB3 — LIGHTING & POWER BOARD
N/A	N/A	N/A	N/A	ARC PHASE & DETECTION NEUTRAL	ND DB3 —
2.5mm	2.5mm	2.5mm	2.5mm	PHASE & NEUTRAL	LIGHTIN
2.5mm	2.5mm	2.5mm	2.5mm	CPC	G & PC
SINGLES	SINGLES	SINGLES	SINGLES	CABLE TYPE	OWER BO
RADIAL	RADIAL	RADIAL	RADIAL	RING OR RADIAL FINAL CIRCUIT	)ARD
WAITING ROOM AND CORRIDOR LIGHTING	CONSULT ROOM  1, 2, OFFICE  AND STORE  LIGHTING	CONSULT ROOM 3, 4 AND 5 LIGHTING	CONSULT ROOM 6, 7 AND STORE LIGHTING	YTUQ	
œ	71	71	7	WAY	

ι ώ	2	<u></u>	W	Ν	<u> </u>	0	
20	20	20	20	20	20	MCB/RCBO RATING	
TYPE B	B 34XI	ТҮРЕ В	TYPE B	ТҮРЕ В	TYPE B	TRIP	טוטואום
30mA TYPE B	30mA TYPE B	30mA TYPE B	30mA TYPE B	30mA TYPE B	30mA TYPE B	RCD/RCBO TYPE	DIGITATED HON BOARD DES - LIGHTING & FOWER BOARD
N/A	N/A	N/A	N/A	N/A	N/A	ARC FAULT DETECTION	DARD DDG
4.0mm	4.0mm	4.0mm	4.0mm	4.0mm	4.0mm	PHASE &	) — [[6]
4.0mm	4.0mm	4.0mm	4.0mm	4.0mm	4.0mm	СРС	11NG &
SINGLES	SINGLES	SINGLES	SINGLES	SINGLES	SINGLES	CABLE TYPE	דיטשריז ס
RADIAL	RADIAL	RADIAL	RADIAL	RADIAL	RADIAL	RADIAL FINAL CIRCUIT	CARU
CONSULT ROOM 1 AND 2 GENERAL POWER.	CONSULT ROOM 3, 4, 5 AND CORRIDOR CLEANERS SOCKETS	CONSULT ROOM 6, 7 AND STORE CLEANERS SOCKETS	OFFICE GENERAL POWER.	CONSULT ROOM 4 AND 5 GENERAL POWER.	CONSULT ROOM 6 AND 7 GENERAL POWER.	YTUQ	

	CONSULT ROOM 1 AND 2 GENERAL POWER.	EANERS SOCKETS	ONSULT ROOM 6, 7 AND STORE EANERS SOCKETS	OFFICE GENERAL POWER.	CONSULT ROOM 4 AND 5 GENERAL POWER.	ONSULT ROOM 6 AND 7 GENERAL POWER.	DUTY	
_					1	, ,		<b>.</b>
	12L1- 18L3	11L123	10L3	10L2	10L1	9L3	9L2	9L1
		16	16	16	ı	20	20	16
	WAYS T	TYPE B	TYPE B	TYPE B	I	TYPE B	TYPE B	TYPE B
	WAYS TO BE USED FOR EXISTING CIRCUITS DIVERTED TO	30mA TYPE B	30mA TYPE B	30mA TYPE B	ı	30mA TYPE B	30mA TYPE B	30mA TYPE B
	FOR EXISTIN	N/A	N/A	N/A	ı	N/A	N/A	N/A
	IG CIRCUITS	4.0mm	4.0mm	4.0mm	I	4.0mm	4.0mm	4.0mm
	DIVERTED	4.0mm	4.0mm	4.0mm	ı	4.0mm	4.0mm	4.0mm
		/LSZH/ XLPE/SWA	SINGLES	SINGLES	ı	SINGLES	SINGLES	SINGLES
	NEW DISTRIBUTION BOARD	RADIAL	RADIAL	RADIAL	ı	RADIAL	RADIAL	RADIAL
	30ARD	EXTERNAL AC CONDENSER	CONSULT ROOM 1, 2 AND OFFICE AC UNITS.	CONSULT ROOM 3, 4 AND 5 AC UNITS.	SPARE	CONSULT ROOM 1, 2, OFFICE AND STORE CLEANERS SOCKETS.	CONSULT ROOM 3 AND WAITING AREA GENERAL POWER.	CONSULT 6 AND 7 AC UNITS.



DB3 TO BE UPGRADED TO NEW TP&N DISTRIBUTION BOARD. EXISTING TO BE TERMINATED INTO NEW DB.

• 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 IEE WIRING REGULATIONS INCLUDING ANY ASSOCIATED GUIDANCE NOTES & AMENDMENTS.

AND OTHER

THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE CO-ORDINATION OF SERVICES & MUST LIAISE WITH THE MAIN CONTRACTOR, MECHANICAL CONTRACTOR 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, INCLUSIVE OF DEVICE POSITIONS, FINAL LOAD SIZES etc, & MUST LIAISE 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.

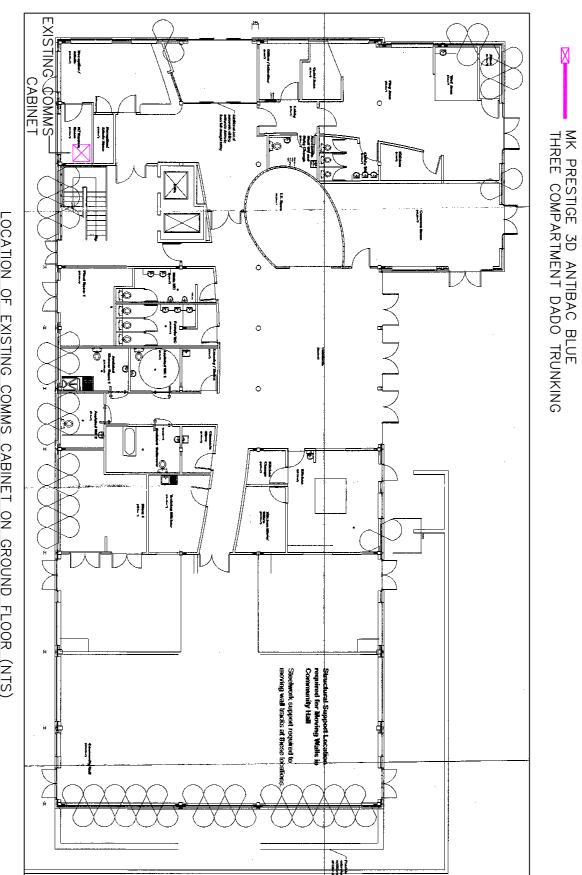
ALL WIRING SYSTEMS SHALL BE FULLY TESTED AND COMMISSIONED IN ACCORDANCE WITH THE IET WIRING REGULATIONS AND NICEIC RECOMMENDATIONS PRIOR TO PUTTING INTO SERVICE. AT THE END OF THE PROJECT AN NICEIC COMPLETION CERTIFICATE SHALL BE PROVIDED FOR THE WHOLE INSTALLATION.

OUTLET TP&N DISTRIBUTION BOARD

TWIN

DATA

SWITCHED FUSED CONNECTION UNIT 'EL' DENOTES EXAMINATION LAMP 'NC' DENOTES NURSE CALL 'FSD' FIRE SMOKE DAMPER CLEANERS SINGLE SOCKET OUTLET TWIN SWITCHED SOCKET OUTLET TO STATE OF THE PROPERTY OF TH EXISTING RELOCATED CEILING/SOFFIT MOUNTED FIXED BODY DOMED TYPE CCTV CAMERA SECURITY MAGNETIC DOOR CONTACT



LOCATION OF EXISTING COMMS CABINET ON GROUND FLOOR (NTS)

ALL EXISTING WIRELESS ACCESS POINTS ARE TO BE RETAINED

UTILITY POWER

CP **₹**P

1. THE ELECTRICAL INSTALLATION MUST COMPLY IN FULL WITH THE REQUIREMENTS OF BS 7671 LATEST EDITION OF THE IET WIRING REGULATIONS, INCLUDING ANY ASSOCIATED GUIDANCE NOTES & AMENDMENTS, PLUS APPLICABLE HTM DOCUMENTS.

2. ALL NEW SOCKET OUTLETS & ACCESSORIES SHALL BE OF THE MK LOGIC PLUS RANGE (WHITE PVC FINISH).

3. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE CO-ORDINATION OF ELECTRICAL SERVICES, INCLUSIVE OF DEVICE POSITIONS, FINAL LOAD SIZES etc., & MUST LIAISE WITH THE MAIN CONTRACTOR, MECHANICAL CONTRACTOR & OTHER RELEVANT PARTIES REGARDING SETTING OUT ON SITE.

4. ELECTRICAL CONTRACTOR SHALL UNDERTAKE A SITE SURVEY TO FAMILIARISE THEMSELVES WITH THE BUILDING, EXISTING SERVICES & ASSOCIATED RESTRICTIONS.

5. ALL EXISTING MAIN CONTAINMENT RUNS MUST BE RETAINED UNLESS THEY DIRECTLY AFFECT THE WORKS BEING UNDERTAKEN; THE ELECTRICAL CONTRACTOR SHALL ALLOW TO RELOCATE / DIVERT SERVICES WHERE NECESSARY.

6. ANY REDUNDANT CABLING MUST BE REMOVED BACK TO THE POINT OF ORIGIN/DISTRIBUTION BOARD.

7. 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.

8. ALL CABLING SHALL BE IN COMPLIANCE WITH THE NEW HARMONISED CABLE COLOURS.

9. ALL NEW CABLING SHALL BE IN COMPLIANCE WITH THE NEW HARMONISED CABLE COLOURS.

Interface 100 Arleston Way, B90 4LH

PROPOSED CONSULTATION ROOMS WITHIN EXISTING CHAUL END COMMUNITY CENTRE (FIRST FLOOR)

NHS

Bedfordshire Hospitals

NHS Foundation Trust

**TENDER ISSUE** 

STAGE 4

**PROPOSED POWER & DATA LAYOUT** 

COLOURS.

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.

TWO SETS OF O+M TO BE PROVIDED.

10.

Dow

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10L3

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Switchshop Switchshop House, Enterprise Park, Kimpton, Hitchin, Herts, SG4 8HP Tel: +44 (0) 1438 831870

SPECIALIST:

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