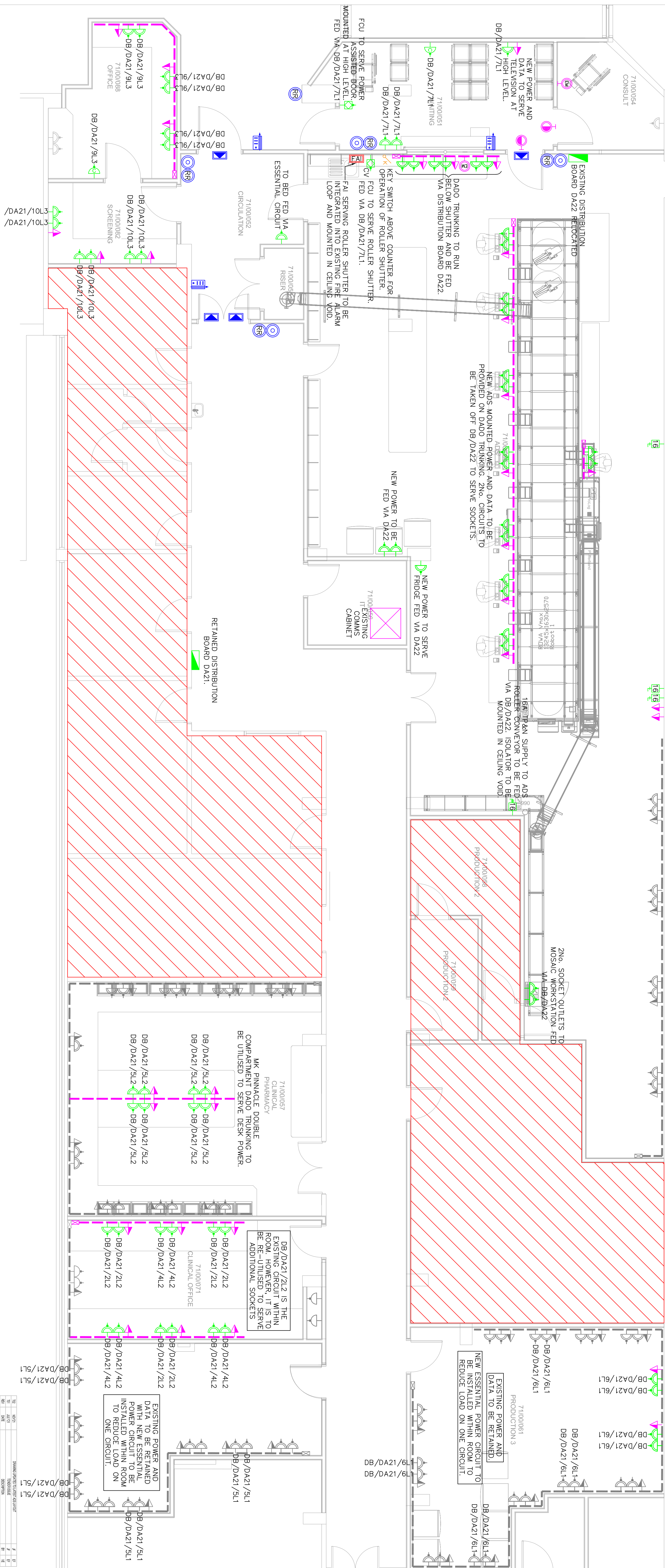


16A SUPPLY TO ADS PROLOG FED
VIA DB/DA22. ISOLATOR TO BE
MOUNTED IN CEILING VOID.

1No. 16A SUPPLY TO ADS ROBOT AND 1No. 16A
SUPPLY TO CONVEYOR LINES TO BE LOCATED
WITHIN CEILING VOID AND FED VIA DB/DA22.



ELECTRICAL SUPPLIES TO A/C EQUIPMENT

















- FOR INDOOR UNITS TO BE RETAINED & RELOCATED:
- ASSOCIATED POWER SUPPLIES SPRING EXISTING UNITS TO BE RETAINED AND RELOCATED IN ACCORDANCE WITH THE PROPOSED MECHANICAL LAYOUTS BY THE ELECTRICAL CONTRACTOR.
- FOR INDOOR UNITS TO BE STRIPPED OUT:
- ASSOCIATED POWER SUPPLY TO BE SAFELY ISOLATED AND STRIPPED BACK TO SOURCE BY ELECTRICAL CONTRACTOR.

DISTRIBUTION EXISTING SPARE CAPACITY IS UNKNOWN. IT HAS BEEN ASSUMED FOR THE PURPOSE OF THE TENDER THAT THERE IS SUITABLE SPARE CAPACITY TO SERVE THE ADS AND ROBOT AND ASSOCIATED SOCKETS WITHIN THE ROOM. ALL PROTECTIVE DEVICES WITHIN THE ROOM. THE ADS ROBOT ARE TO BE 20A TYPE C MCB DEVICES AS REQUESTED BY BD ROOM. ALL OTHER SOCKETS WITHIN THE ADS ROOM ARE TO BE 32A TYPE B FINAL CIRCUITS C/M 30mA RCD PROTECTION. ALL 32A RING FINAL CIRCUITS SHALL CIRCLES 2.3mm² LSZH SINGLE CABLES IN TRUNKING/CONDUIT AND ANY 20A RADIAL CIRCUITS SHALL UTILISE 4mm² LSZH SINGLE CABLE IN TRUNKING/CONDUIT.

EXISTING DB/DA21									
MAX WAVE RANGE	MGB/RECBO FIRING	TRIP CIRCUIT	RED/RECBO TYPE	ARC FAULT DETECTION	DISBURG & NEUTRAL	CPC	CABLE TYPE	RING OR RADIAL CIRCUIT	DUTY
41.2	32A	B	300mA TYPE B	N/A	2.5mm	2.5mm	LSZH SINGLES	RING	CLINICAL OFFICE DADO SOCKETS
51.1	32A	B	300mA TYPE B	N/A	2.5mm	2.5mm	LSZH SINGLES	RING	DADO SOCKETS (FROM REFERENCE UNKNOWN)
51.2	32A	B	300mA TYPE B	N/A	2.5mm	2.5mm	LSZH SINGLES	RING	CLINICAL PHARMACY DADO SOCKETS
61.1	32A	B	300mA TYPE B	N/A	2.5mm	2.5mm	LSZH SINGLES	RING	PRODUCTION 3 DADO SOCKETS
71.1	32A	B	300mA TYPE B	N/A	2.5mm	2.5mm	LSZH SINGLES	RING	WAITING SINKETS AND CLEANERS SOCKET
91.3	32A	B	300mA TYPE B	N/A	2.5mm	2.5mm	LSZH SINGLES	RING	OFFICE DADO SOCKETS AND CLEANERS SOCKET
101.3	32A	B	300mA TYPE B	N/A	2.5mm	2.5mm	LSZH SINGLES	RING	SCREENING SOCKETS

DISTRIBUTION BOARD SCHEDULE

LEGEND:

- | | |
|---|---|
|  | DOUBLE SWITCHED SOCKET OUTLET |
|  | SINGLE SWITCHED SOCKET OUTLET |
|  | SINGLE SWITCHED CLEANERS SOCKET |
|  | 13A SWITCHED FUSED CONNECTION UNIT |
|  | TP4N DISTRIBUTION BOARD |
|  | TWIN DATA POINT |
|  | DADO TRUNKING |
|  | GREY DENOTES EXISTING SERVICES
BEING RETAINED |
|  | NURSE CALL EMERGENCY CALL POINT
PULL TO ACTIVATE / PUSH TO REST. |
|  | ACCESS CONTROL SWIPE CARD |
|  | ACCESS CONTROL MAG LOCK |
|  | ACCESS CONTROL REMOTE RELEASE |
|  | ACCESS CONTROL GREEN BREAK GLASS |
|  | KEY SWITCH |
|  | FIRE ALARM INTERFACE |
|  | 'OY' DENOTES CEILING VOID |

DRAWING NOILES:

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 HTML DOCUMENTS.
2. ALL NEW SOCKET OUTLETS & ACCESSORIES SHALL BE OF THE MK LOGIC PLUS/SAFE RANGE (WHITE PVC FINISH).
3. 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 & OTHERS ON RELEVANT PARTIES REGARDING SETTING OUT ON A SITE.
4. ELECTRICAL CONTRACTOR SHALL UNDERTAKE A SITE SURVEY TO FAMILIARISE THEMSELVES WITH THE BUILDING, EXISTING SERVICES & ASSOCIATED RESTRICTIONS, INCLUDING 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.
5. ANY REDUNDANT CABLEING MUST BE REMOVED BACK TO THE POINT OF ORIGIN/DISTRIBUTION BOARD.
6. 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.
7. ALL CABLEING SHALL BE 12SH INSULATED 750V GRADE CABLES WITH STRANDED COPPER CONDUCTORS.
8. ALL NEW CABLEING SHALL BE IN COMPLIANCE WITH THE NEW HARMONISED CABLEE COLOURS.
9. 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 NCEDR COMPETITION CERTIFICATE SHALL BE PROVIDED FOR THE WHOLE INSTALLATION.
10. THE PROJECT SHALL TAKE A PHASED APPROACH, PLEASE SEE THE ARCHITECTS DRAWINGS FOR PROJECT PHASING PLAN.
11. ALL SOCKET POSITIONS SHOWN ON DRAWING ARE INDICATIVE ONLY, FINAL SOCKET POSITIONS AND QUANTITIES ARE YET TO BE CONFIRMED ON SITE.
12. DO NOT SCALE FROM THIS DRAWING, IF IN DOUBT-ASK.