

BUILDING DESIGN PARTNER SHALL HAVE NO RESPONSIBILITY FOR ANY USE MADE OF THIS DOCUMENT OTHER THAN FOR THE PROJECT AND PURPOSES AND SCOPE. ALL DIMENSIONS SHOULD BE CHECKED ON SITE.

DO NOT SCALE FROM THIS DRAWING.

ANY DRAWING ERRORS OR DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF BUILDING DESIGN PARTNER AT THE ADDRESS ABOVE.

DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE FOLLOWING BEFORE WORK COMMENCES:

- THE CONTRACT DOCUMENTS REGISTER
- THE BUILDING RULES OF LONDON
- THE PROJECT CONTROL REGISTER

NOTES

- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERING AND ARCHITECTURAL DRAWINGS, REPORTS, SPECIFICATIONS AND ALL OTHER RELEVANT CONTRACT DOCUMENTS.
- ALL GRIDLINES HAVE BEEN SET OUT IN ACCORDANCE WITH THE ARCHITECT'S MODEL.
- DO NOT SCALE FROM THIS DRAWING.
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
- THIS IS NOT A COORDINATED WORKING OR INSTALLATION DRAWING.
- MAIN SWITCHBOARD TO BE FORM 4 TYPE 6 AND LOCATED IN THE ELECTRICAL SWITCHROOM.
- ALL DISTRIBUTION BOARDS TO BE PROVIDED WITH METERS TO SEPARATELY MEASURE LIGHTING, SMALL POWER AND MECHANICAL LOADS AND MONITORED BY THE BMS IN ACCORDANCE WITH CIBSE TM9.
- METERS TO BE SCHNEIDER PME11.
- ALL SUBMAIN CABLING TO BE SUPERSWALSH.
- PLANT RATINGS AND SIZES ARE SUBJECT TO CHANGE PENDING MANUFACTURER SELECTION.
- PANEL BOARDS/DISTRIBUTION BOARDS BUSBAR RATING EQUAL OR ABOVE THEIR INCOMING PROTECTIVE DEVICES.
- 20% SPARE CAPACITY SHALL BE PROVIDED WITHIN THE SWITCHBOARDS, PULS, PDS AND DBs FOR FUTURE ADDITIONAL SUPPLIES. POPULATED WITH SPARE MCCBS AS SHOWN ON THE DESIGN SCHEMATICS.
- UP TO AND INCLUDING 630AMPS BREAKERS TO BE SCHNEIDER NSX2500 RANGE.
- BREAKERS 800AMPS AND ABOVE TO BE SCHNEIDER MASTERPACT MTZ ACSES.
- THREE PHASE DISTRIBUTION BOARDS TO BE 125A RATED.
- ALL ACBS AND MCCBS TO HAVE CONTACT STATUS INDICATION TO THE BMS FOR OPEN, CLOSED AND TRIPPED.
- THE ELECTRICAL SPECIALIST SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY INFORMATION TO ALLOW THE MAIN CONTRACTOR TO CO-ORDINATE ALL SERVICES.
- THIS INFORMATION IS INDICATIVE ONLY. THE SPECIALIST SHALL PROVIDE ALL BONDS, TIES AND CROSS-OVERS THAT ARE REQUIRED TO MEET CURRENT ETC STANDARDS. THE ROUTES INDICATED ARE MAIN ROUTES ONLY. THE SPECIALIST SHALL BE RESPONSIBLE FOR THE PROVISION OF ALL TRAY AND TRUNNING TO ENSURE MECHANICAL PROTECTION OF ALL CABLING. ALL CONTAINMENT TO ALLOW 25% EMPTY SPACE UPON COMPLETION OF THE INSTALLATION.
- DOWN + 150mm HEADS TRUNNING TO BE PROVIDED ABOVE ALL DISTRIBUTION BOARDS.
- ALL TRUNNING SHALL RUN TRUE TO MAIN BUILDING LINES.
- THE SPECIALIST SHALL REFER TO THE SPECIFICATION REGARDING MOCK-UP INSTALLATIONS OF TRAY/TRUNNING RUNS.

LEGEND

SIZE: 300 mm x 300 mm / HORZ / LV TYPE

SYSTEM:

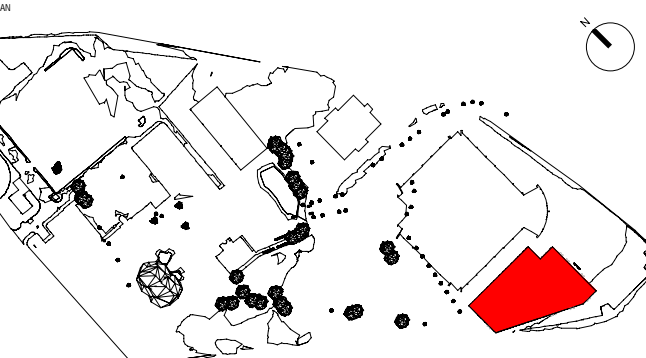
SYSTEMS:-

- AV AUDIO VISUAL
- BMS BUILDING MANAGEMENT SYSTEMS
- Data DATA
- ELV EXTRA LOW VOLTAGE
- FA FIRE ALARM
- Ltg LIGHTING
- LV LOW VOLTAGE POWER
- HV HIGH VOLTAGE
- Sec SECURITY
- Sub SUBMAIN
- SUB SUBMAIN LADDER RACK

SYMBOLS:-

- DISCONNECTOR/ISOLATOR
- Denotes NO. OF PHASES
- Denotes RATING (A)
- DISTRIBUTION BOARD - SINGLE PHASE
- DISTRIBUTION BOARD - THREE PHASE
- MECHANICAL CONTROL PANEL
- CUBICAL SWITCHBOARD

REV	DATE	DESCRIPTION	BY	CHK	APP
P01	16/02/24	Stage 3 Issue		CS	CC
01	02-01-2024	USOSCL-AHR-01-XX-M-A			
02	02-01-2024	5844-CBE-ZZ-ZZ-M-L-1000			
03	09-04-2024	USOSCL-EIOC-ZZ-ZZ-M-S-0001			



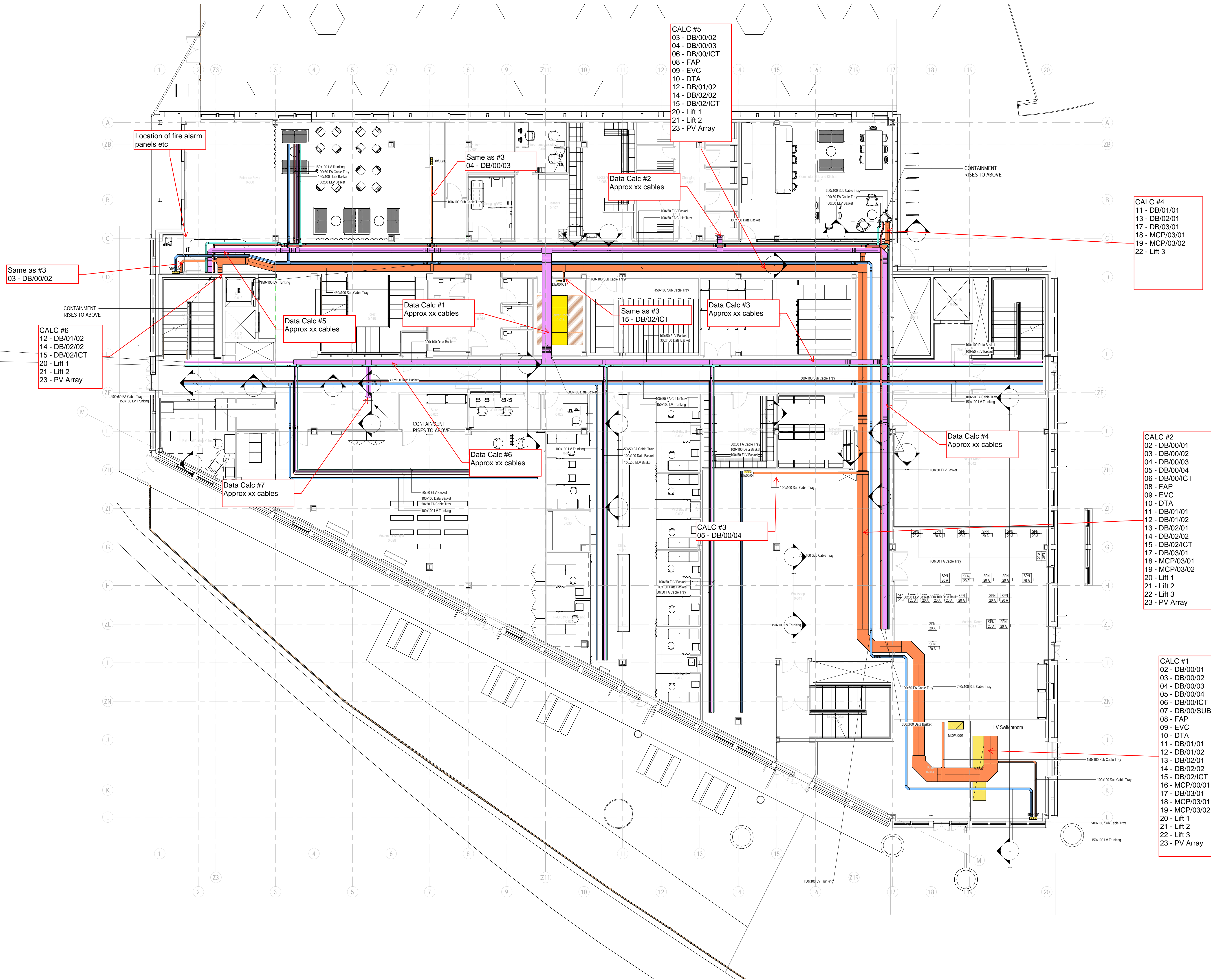
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University Of Salford Clinic Building

P3003660	Low-voltage distribution (Electrical distribution) Layout, Level 00	1:100	E
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LEGEND CONTINUED

ABBREVIATIONS:-

- AHU AIR HANDLING UNIT
- BB BUSBAR
- CH CHILLER
- DB DISTRIBUTION BOARD
- EFU END FEED UNIT
- FAP FIRE ALARM PANEL
- HP HEAT PUMP
- ISO ISOLATOR
- MH MAIN HOLE
- MVHR MECHANICAL VENTILATION HEAT RECOVERY
- PVC POLYVINYL CHLORIDE
- T/O TAP OFF