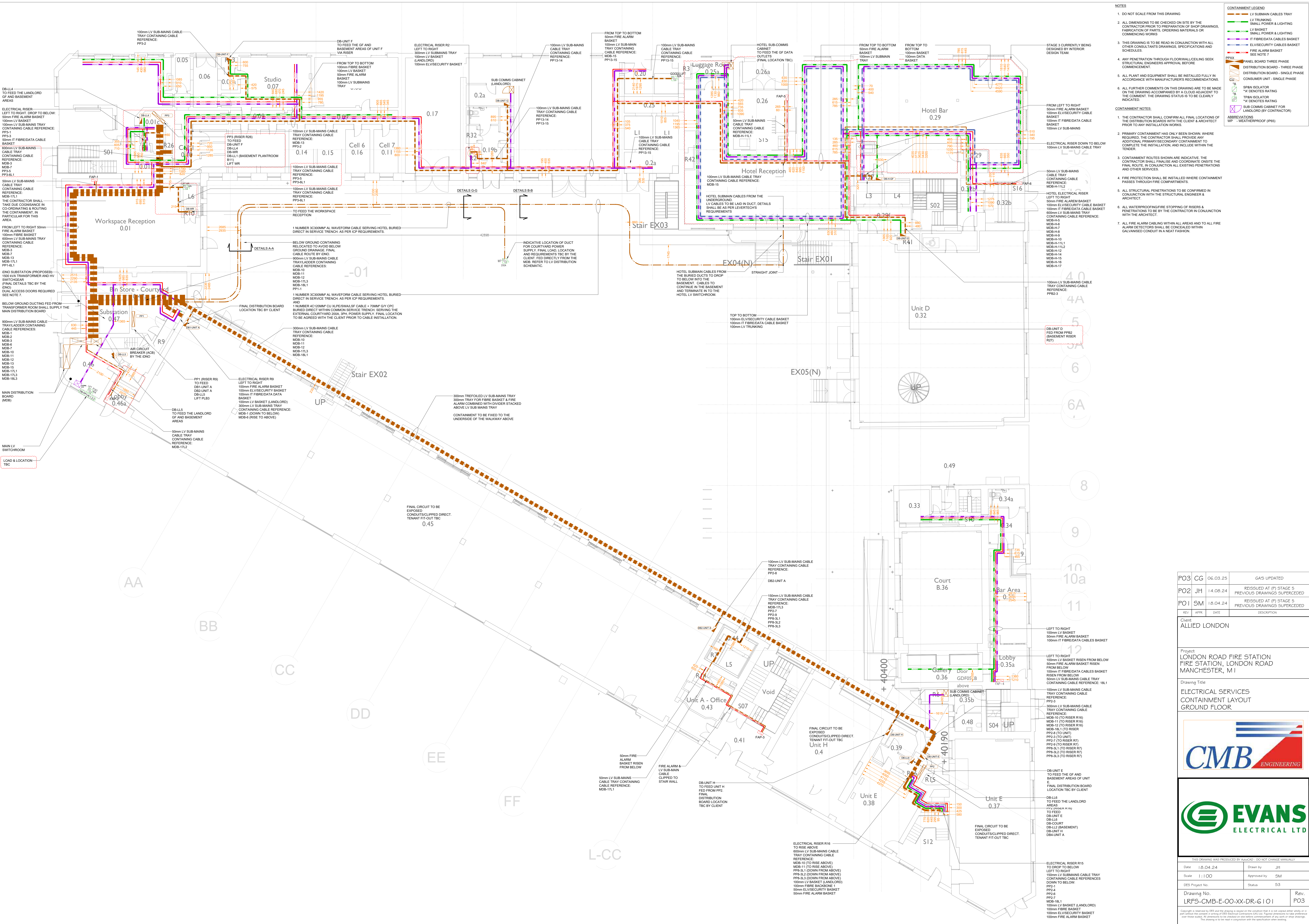




REV	DATE	DESCRIPTION	
P03	CG	06.03.25	GAS UPDATED
P02	JH	14.08.24	REISSUED AT (P) STAGE 5 PREVIOUS DRAWINGS SUPERCEDED
P01	SM	18.04.24	REISSUED AT (P) STAGE 5 PREVIOUS DRAWINGS SUPERCEDED

REV	DATE	DESCRIPTION	
1	APPE	18.04.24	DESCRIPTION

Client:
ALLIED LONDON

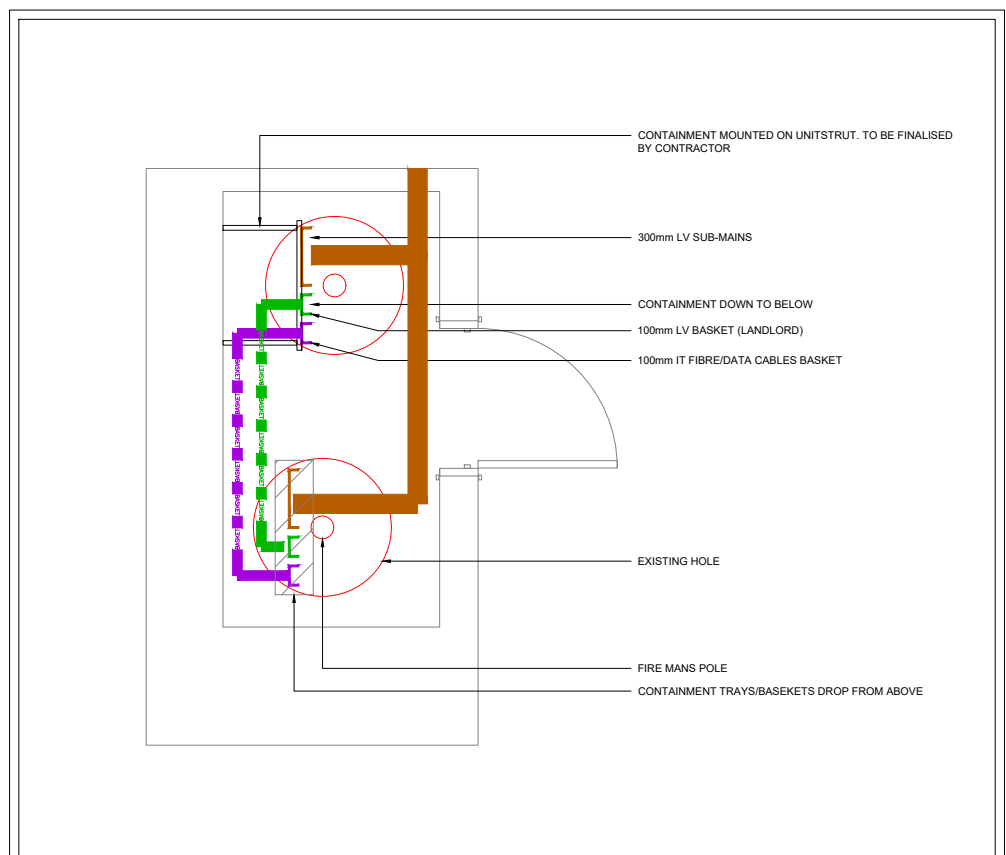
Project:
**LONDON ROAD FIRE STATION, LONDON ROAD
MANCHESTER, M1**

Drawing Title:
**ELECTRICAL SERVICES
CONTAINMENT LAYOUT
GROUND FLOOR**

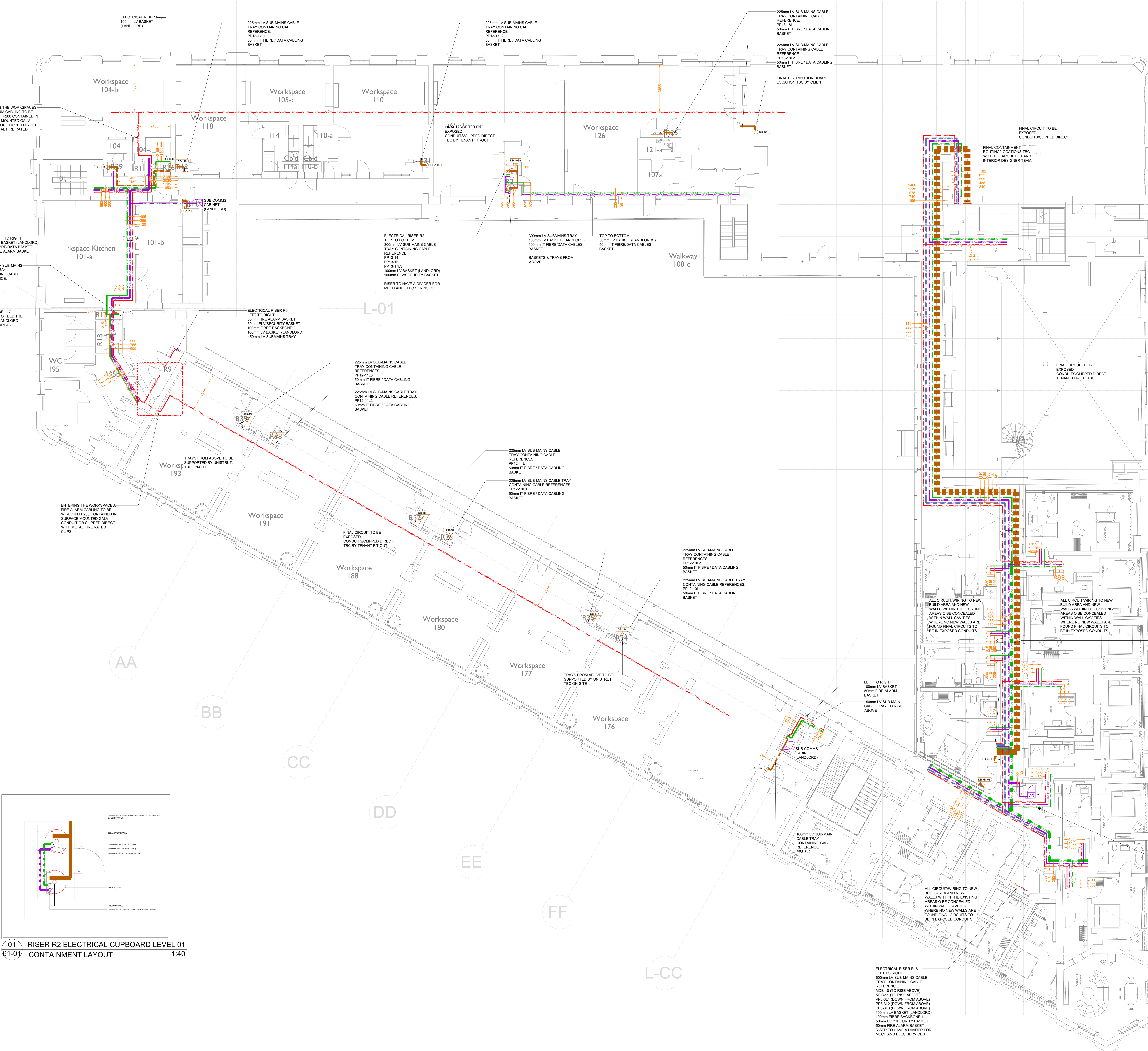


THIS DRAWING WAS PRODUCED BY AutoCAD - DO NOT CHANGE MANUALLY	
Date: 18.04.24	Drawn by: JH
Scale: 1:100	Approved by: SM
DES Project No:	Status: S3
Drawing No: LRFS-CMB-E-00-XX-DR-6101	Rev: P03

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01 RISER R2 ELECTRICAL CUPBOARD LEVEL 01
61-01 CONTAINMENT LAYOUT 1:40



- NOTES**
- DO NOT SCALE FROM THIS DRAWING
 - ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO PREPARATION OF SHOP DRAWINGS, FABRICATION OF PARTS, ORDERING MATERIALS OR COMMENCING WORKS
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANTS DRAWINGS, SPECIFICATIONS AND SCHEDULES
 - ANY PENETRATION THROUGH FLOOR/WALL/CEILING SEEK STRUCTURAL ENGINEERS APPROVAL BEFORE COMMENCEMENT
 - ALL PLANT AND EQUIPMENT SHALL BE INSTALLED FULLY IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS
 - ALL FURTHER COMMENTS ON THIS DRAWING ARE TO BE MADE ON THE DRAWING ACCOMPANIED BY A CLOUD ADJACENT TO THE COMMENT. THE DRAWING STATUS IS TO BE CLEARLY INDICATED
- CONTAINMENT NOTES:**
- THE CONTRACTOR SHALL CONFIRM ALL FINAL LOCATIONS OF THE DISTRIBUTION BOARDS WITH THE CLIENT & ARCHITECT PRIOR TO ANY INSTALLATION WORKS
 - PRIMARY CONTAINMENT HAS ONLY BEEN SHOWN WHERE REQUIRED. THE CONTRACTOR SHALL PROVIDE ANY ADDITIONAL PRIMARY/SECONDARY CONTAINMENT TO COMPLETE THE INSTALLATION, AND INCLUDE WITHIN THE TENDER
 - CONTAINMENT ROUTES SHOWN ARE INDICATIVE. THE CONTRACTOR SHALL FINALISE AND COORDINATE ON SITE THE FINAL ROUTE, IN CONJUNCTION ALL EXISTING PENETRATIONS AND OTHER SERVICES
 - FIRE PROTECTION SHALL BE INSTALLED WHERE CONTAINMENT PASSES THROUGH FIRE COMPARTMENTS
 - ALL STRUCTURAL PENETRATIONS TO BE CONFIRMED IN CONJUNCTION WITH THE STRUCTURAL ENGINEER & ARCHITECT
 - ALL WATERPROOFING/FIRE STOPPING OF RISERS & PENETRATIONS TO BE BY THE CONTRACTOR IN CONJUNCTION WITH THE ARCHITECT
 - ALL FIRE ALARM CABLEING WITHIN ALL AREAS AND TO ALL FIRE ALARM DETECTORS SHALL BE CONCEALED WITHIN GALVANISED CONDUIT IN A NEAT FASHION
- CONTAINMENT LEGEND**
- LV SUBMAIN CABLES TRAY
 - LV TRUNKING
 - SMALL POWER & LIGHTING
 - LV BASKET
 - SMALL POWER & LIGHTING
 - IT FIBRE/DATA CABLES BASKET
 - FIBRE/DATA CABLES BASKET
 - FIRE ALARM BASKET
 - PANEL BOARD THREE PHASE
 - DISTRIBUTION BOARD - SINGLE PHASE
 - CONSUMER UNIT - SINGLE PHASE
 - SPAN ISOLATOR
 - 'A' DENOTES RATING
 - TRANS ISOLATOR
 - 'A' DENOTES RATING
 - SUB COMMS CABINET FOR (LANDLORD BY CONTRACTOR)
- ABBREVIATIONS**
- WP - WEATHERPROOF (P65)

P05	CG	06.03.25	GAS5 UPDATED
P04	JH	20.01.25	REISSUED AT (P) STAGE 5 PREVIOUS DRAWINGS SUPERCEDED
P03	KD	15.11.24	REISSUED AT (P) STAGE 5 PREVIOUS DRAWINGS SUPERCEDED
P02	JH	14.08.24	REISSUED AT (P) STAGE 5 PREVIOUS DRAWINGS SUPERCEDED
P01	SM	16.04.24	REISSUED AT (P) STAGE 5 PREVIOUS DRAWINGS SUPERCEDED

Client:
ALLIED LONDON

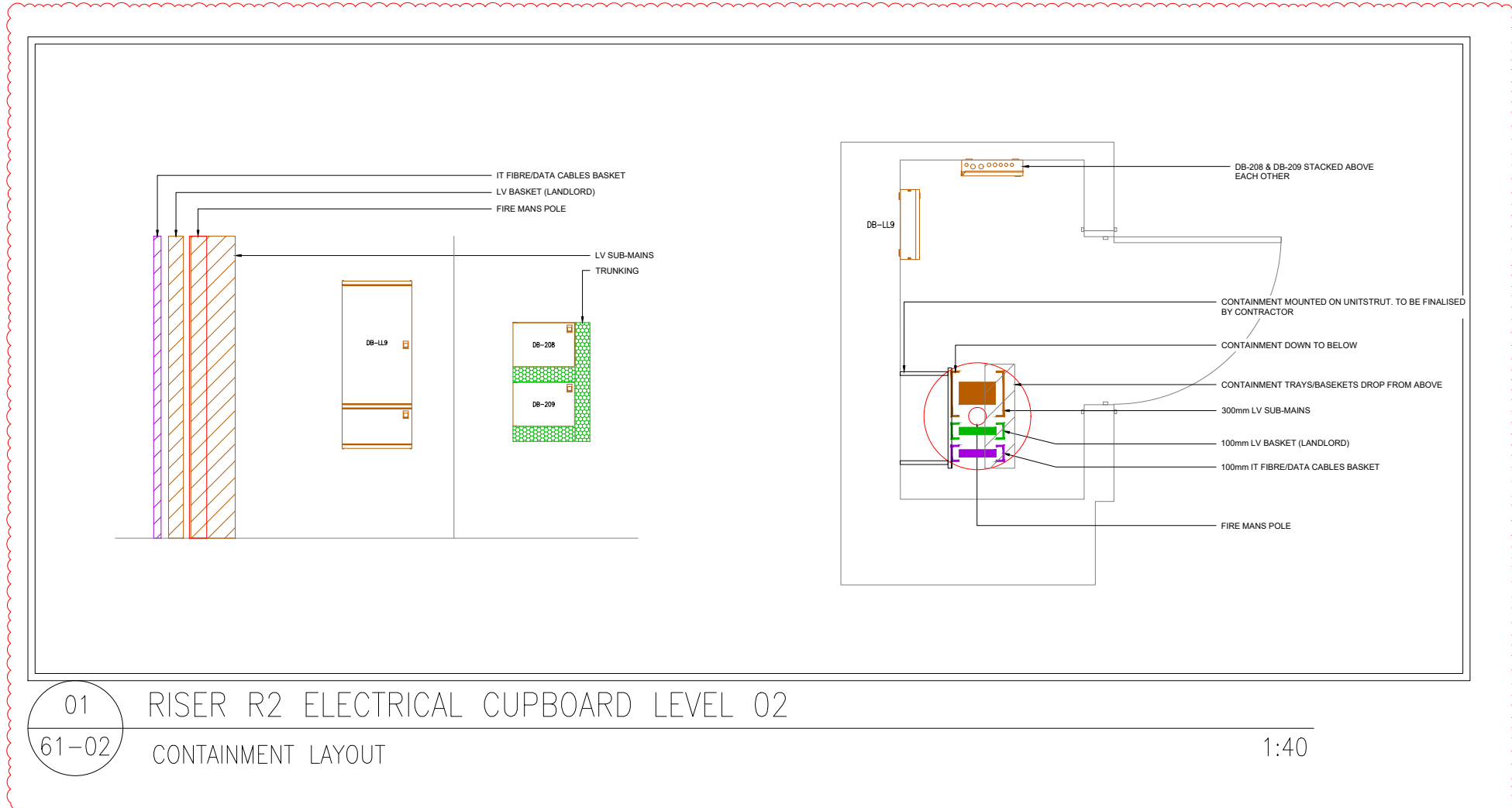
Project:
**LONDON ROAD FIRE STATION
FIRE STATION, LONDON ROAD
MANCHESTER, M1**

Drawing Title:
**ELECTRICAL SERVICES
CONTAINMENT LAYOUT
FIRST FLOOR**



THIS DRAWING WAS PRODUCED BY AutoCAD - DO NOT CHANGE MANUALLY		
Date	16.04.24	Drawn by JH
Scale	1:100	Approved by SM
DES Project No.		Status S3
Drawing No.	LRFS-CMB-E-01-XX-DR-6101	Rev. P05

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01 RISER R2 ELECTRICAL CUPBOARD LEVEL 02
01-02 CONTAINMENT LAYOUT

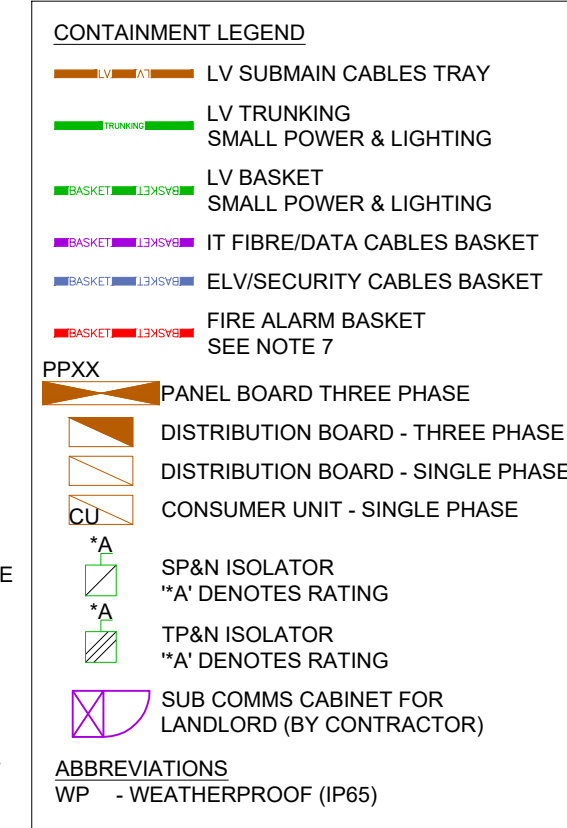
1:40

NOTES

- DO NOT SCALE FROM THIS DRAWING
- ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO PREPARATION OF SHOP DRAWINGS, FABRICATION OF PARTS, ORDERING MATERIALS OR COMMENCING WORKS
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANTS DRAWINGS, SPECIFICATIONS AND SCHEDULES
- ANY PENETRATION THROUGH FLOOR/WALL/CILING SEEK STRUCTURAL ENGINEERS APPROVAL BEFORE COMMENCEMENT
- ALL PLANT AND EQUIPMENT SHALL BE INSTALLED FULLY IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS
- ALL FURTHER COMMENTS ON THIS DRAWING ARE TO BE MADE ON THE DRAWING ACCOMPANIED BY A CLOUD ADJACENT TO THE COMMENT. THE DRAWING STATUS IS TO BE CLEARLY INDICATED

CONTAINMENT NOTES:

- THE CONTRACTOR SHALL CONFIRM ALL FINAL LOCATIONS OF THE DISTRIBUTION BASKETS WITH THE CLIENT & ARCHITECT PRIOR TO ANY INSTALLATION WORKS
- PRIMARY CONTAINMENT HAS ONLY BEEN SHOWN WHERE REQUIRED. THE CONTRACTOR SHALL PROVIDE ANY ADDITIONAL PRIMARY/SECONDARY CONTAINMENT TO COMPLETE THE INSTALLATION, AND INCLUDE WITHIN THE TENDER
- CONTAINMENT ROUTES SHOWN ARE INDICATIVE. THE CONTRACTOR SHALL FINALISE AND COORDINATE ON SITE THE FINAL ROUTE, IN CONJUNCTION ALL EXISTING PENETRATIONS AND OTHER SERVICES
- FIRE PROTECTION SHALL BE INSTALLED WHERE CONTAINMENT PASSES THROUGH FIRE COMPARTMENTS
- ALL STRUCTURAL PENETRATIONS TO BE CONFIRMED IN CONJUNCTION WITH THE STRUCTURAL ENGINEER & ARCHITECT
- ALL WATERPROOFING/FIRE STOPPING OF RISERS & PENETRATIONS TO BE BY THE CONTRACTOR IN CONJUNCTION WITH THE ARCHITECT
- ALL FIRE ALARM CABLEING WITHIN ALL AREAS AND TO ALL FIRE ALARM DETECTORS SHALL BE CONCEALED WITHIN GALVANISED CONDUIT IN A NEAT FASHION



P04	CG	06.03.25	GAS UPDATED
P03	JH	06.02.25	REVISED TO SUIT COMMENTS RECEIVED
P02	JH	14.08.24	REISSUED AT (P) STAGE 5 PREVIOUS DRAWINGS SUPERCEDED
P01	SM	12.04.24	REISSUED AT (P) STAGE 5 PREVIOUS DRAWINGS SUPERCEDED

REV	APPD	DATE	DESCRIPTION
1			ALLIED LONDON

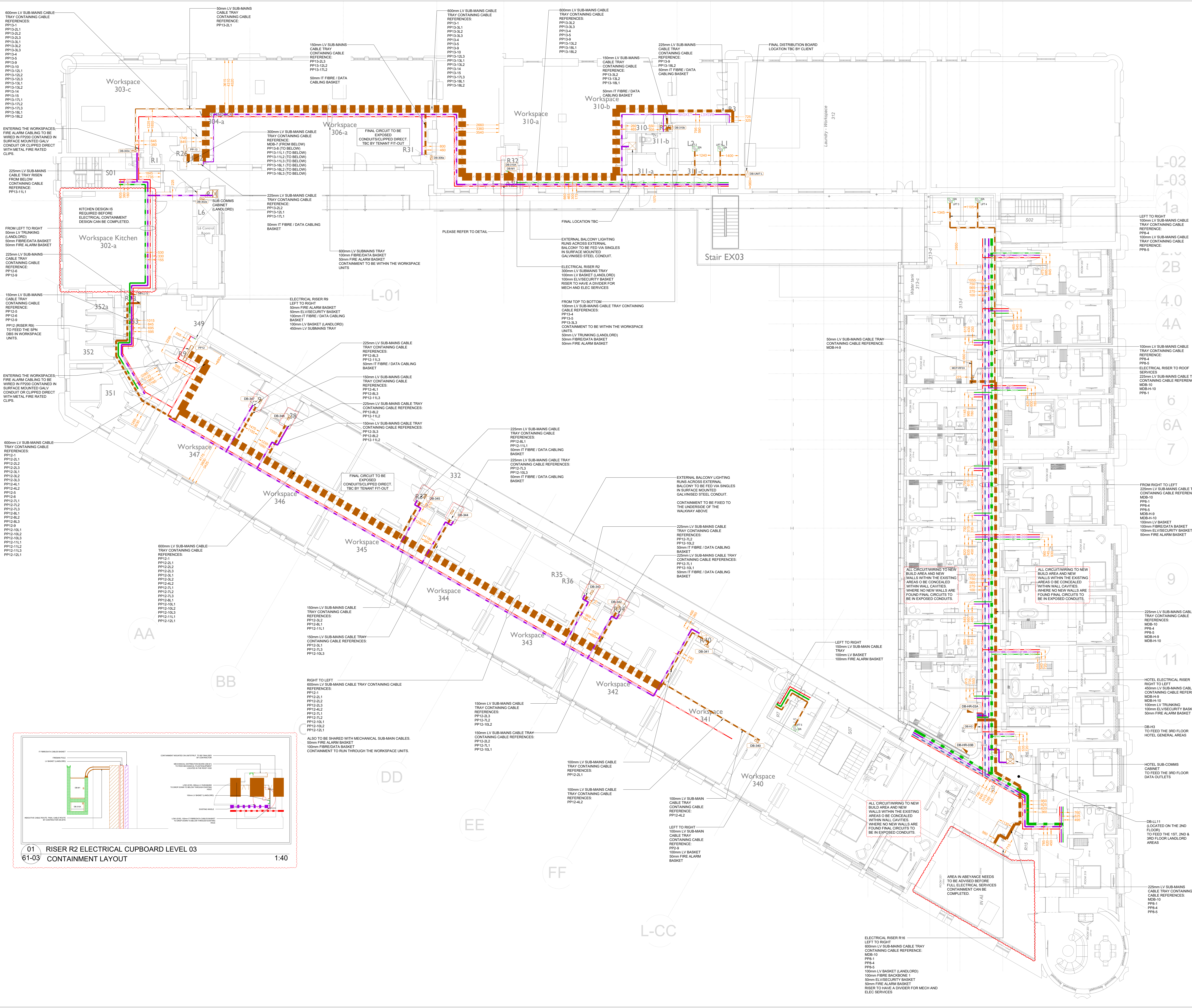
Project:
LONDON ROAD FIRE STATION
FIRE STATION, LONDON ROAD
MANCHESTER, M1

Drawing Title
ELECTRICAL SERVICES
CONTAINMENT LAYOUT
SECOND FLOOR



THIS DRAWING WAS PRODUCED BY AutoCAD - DO NOT CHANGE MANUALLY			
Date	12.04.24	Drawn by	JH
Scale	1:100	Approved by	SM
DES Project No.		Status	S3
Drawing No.	LRF5-CMB-E-02-XX-DR-6101	Rev.	P04

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CONTAINMENT LEGEND

- LV SUB-MAINS CABLE TRAY
- LV TRUNKING
- SMALL POWER & LIGHTING
- LV BASKET
- SMALL POWER & LIGHTING
- IT FIBRE/DATA CABLES BASKET
- ELV/SECURITY CABLES BASKET
- FIRE ALARM BASKET

ABBREVIATIONS

- WP - WEATHERPROOF (P65)

CONTAINMENT NOTES:

1. DO NOT SCALE FROM THIS DRAWING
2. ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO PREPARATION OF SHOP DRAWINGS, FABRICATION OF PARTS, ORDERING MATERIALS OR COMMENCING WORK.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANTS DRAWINGS, SPECIFICATIONS AND SCHEDULES.
4. ANY PENETRATION THROUGH FLOOR/WALL/CEILING SEEK STRUCTURAL ENGINEERS APPROVAL BEFORE COMMENCEMENT.
5. ALL PLANT AND EQUIPMENT SHALL BE INSTALLED FULLY IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
6. ANY FURTHER COMMENTS ON THIS DRAWING ARE TO BE MADE ON THE DRAWING ACCOMPANIED BY A CLIP ADJACENT TO THE COMMENT. THE DRAWING STATUS IS TO BE CLEARLY INDICATED.

CONTAINMENT NOTES:

1. THE CONTRACTOR SHALL CONFIRM ALL FINAL LOCATIONS OF THE DISTRIBUTION BOXES WITH THE CLIENT & ARCHITECT PRIOR TO ANY INSTALLATION WORKS.
2. PRIMARY CONTAINMENT HAS ONLY BEEN SHOWN WHERE REQUIRED. THE CONTRACTOR SHALL PROVIDE ANY ADDITIONAL PRIMARY/SECONDARY CONTAINMENT TO COMPLETE THE INSTALLATION, AND INCLUDE WITHIN THE TENDER.
3. CONTAINMENT ROUTES SHOWN ARE INDICATIVE. THE CONTRACTOR SHALL FINALISE AND COORDINATE ON SITE THE FINAL ROUTE, IN CONJUNCTION ALL EXISTING PENETRATIONS AND OTHER SERVICES.
4. FIRE PROTECTION SHALL BE INSTALLED WHERE CONTAINMENT PASSES THROUGH FIRE COMPARTMENTS.
5. ALL STRUCTURAL PENETRATIONS TO BE CONFIRMED IN CONJUNCTION WITH THE STRUCTURAL ENGINEER & ARCHITECT.
6. ALL WATERPROOFING/STOPPING OF RISERS & PENETRATIONS TO BE BY THE CONTRACTOR IN CONJUNCTION WITH THE ARCHITECT.
7. ALL FIRE ALARM CABLES WITHIN ALL AREAS AND TO ALL FIRE ALARM DETECTORS SHALL BE CONCEALED WITHIN GALVANISED CONDUIT IN A NEAT FASHION.

01 RISER R2 ELECTRICAL CUPBOARD LEVEL 03
61-03 CONTAINMENT LAYOUT 1:40

P04	CG	06.03.25	GAS9 UPDATED
P03	JH	06.02.25	REVISED TO SUIT COMMENTS RECEIVED
P02	JH	14.08.24	REISSUED AT (P) STAGE 5 PREVIOUS DRAWINGS SUPERCEDED
P01	SM	11.04.24	REISSUED AT (P) STAGE 5 PREVIOUS DRAWINGS SUPERCEDED

REV	APPD	DATE	DESCRIPTION
1	SM	11.04.24	REISSUED AT (P) STAGE 5 PREVIOUS DRAWINGS SUPERCEDED

Client:
ALLIED LONDON

Project:
**LONDON ROAD FIRE STATION
FIRE STATION, LONDON ROAD
MANCHESTER, M1**

Drawing Title:
**ELECTRICAL SERVICES
CONTAINMENT LAYOUT
THIRD FLOOR**

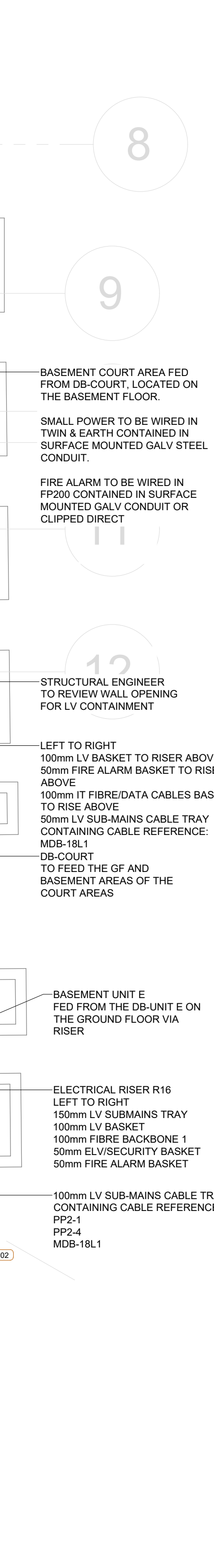
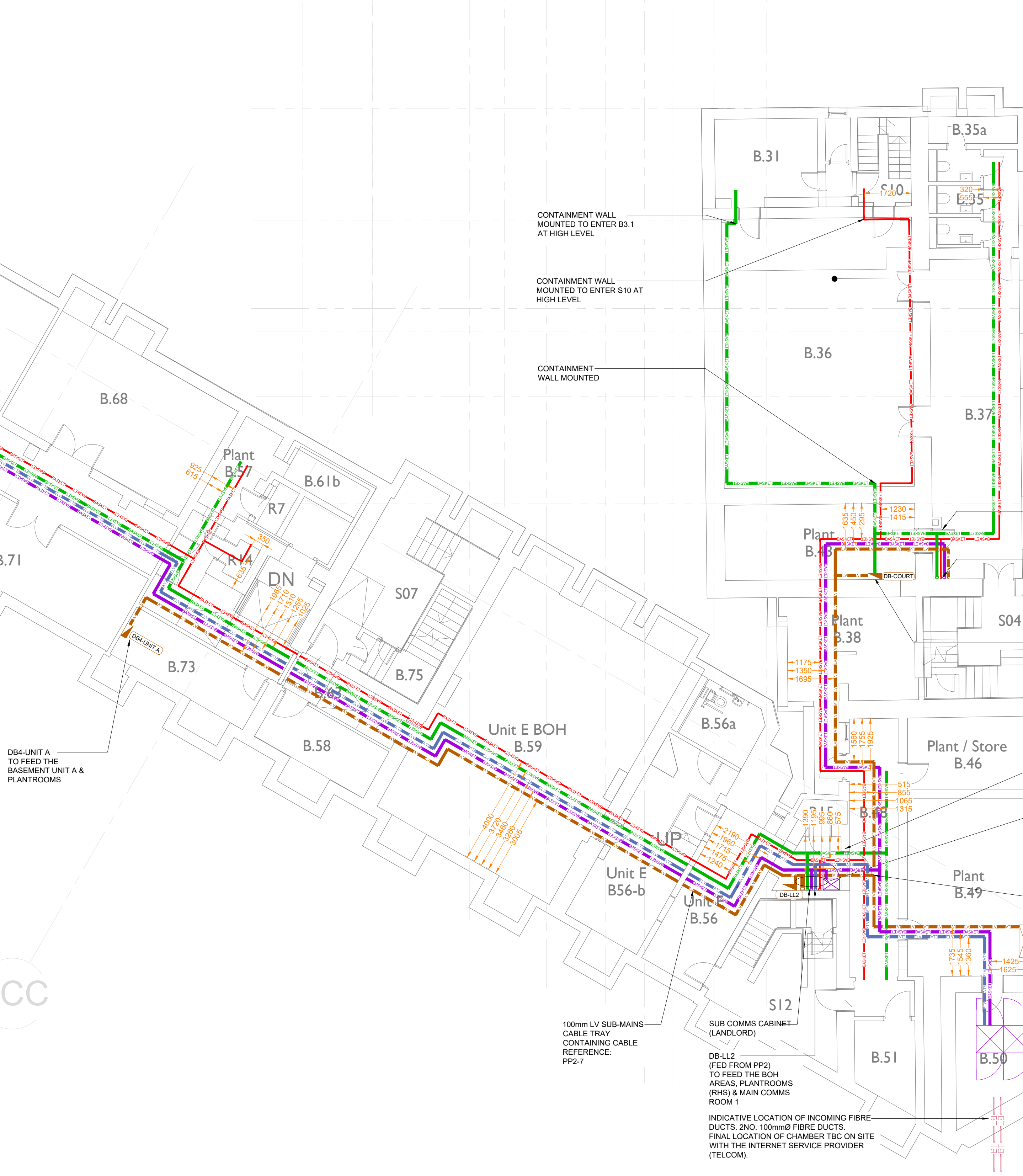
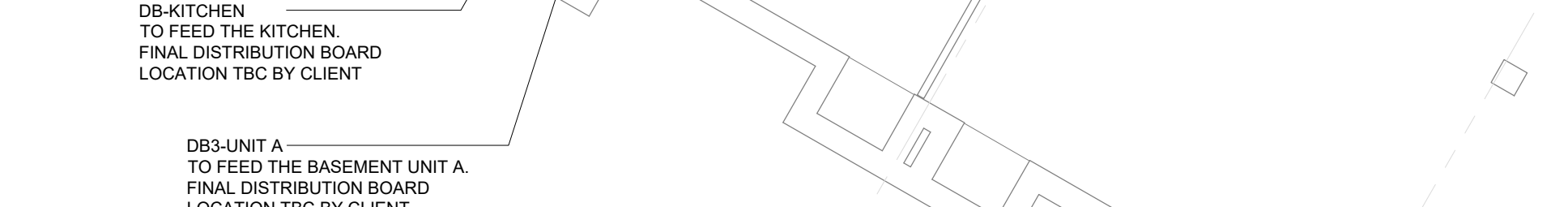
CMB ENGINEERING

EVANS ELECTRICAL LTD

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Date	11.04.24	Drawn by	JH
Scale	1:100	Approved by	SM
DES Project No.		Status	S3
Drawing No.	LRFS-CMB-E-03-XX-DR-6101	Rev.	P04

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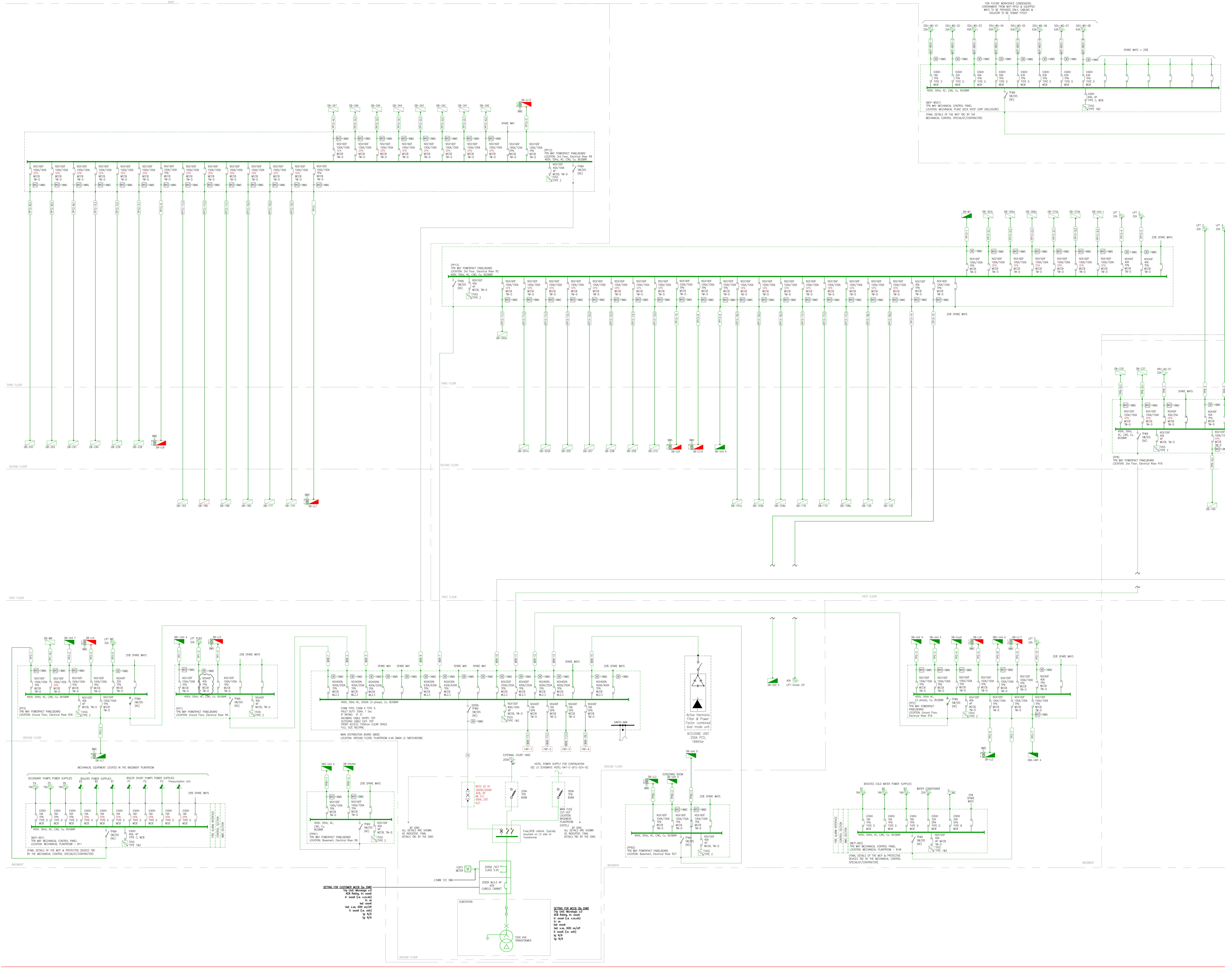
- | CONTAMINATION NOTES: | <div> <div></div> <div>SUB COMMS CABINET FOR LANDLORD BY CONTRACTOR</div> </div> |
|---|--|
| <p>1. THE CONTRACTOR SHALL CONFIRM ALL FINAL LOCATIONS OF THE DISTRIBUTION BOARDS WITH THE CLIENT & ARCHITECT PRIOR TO ANY INSTALLATION WORKS.</p> | <div> <div>ABBREVIATIONS</div> <div>WP - WEATHERPROOF (IP65)</div> </div> |
| <p>2. PRIMARY CONTAMINATION HAS ONLY BEEN SHOWN, WHERE REQUIRED, THE CONTRACTOR SHALL PROVIDE ANY ADDITIONAL PRIMARY/SECONDARY CONTAMINATION TO COMPLETE THE INSTALLATION, AND INCLUDE WITHIN THE TENDER.</p> | |
| <p>3. CONTAMINATION ROUTES SHOWN ARE INDICATIVE. THE CONTRACTOR SHALL FINALISE AND COORDINATE ON SITE THE FINAL ROUTE, IN CONJUNCTION ALL EXISTING PENETRATIONS AND OTHER SERVICES.</p> | |
| <p>4. FIRE PROTECTION SHALL BE INSTALLED WHERE CONTAMMENT PASSES THROUGH FIRE COMPARTMENTS.</p> | |
| <p>5. ALL STRUCTURAL PENETRATIONS TO BE CONFIRMED IN CONJUNCTION WITH THE STRUCTURAL ENGINEER & ARCHITECT.</p> | |
| <p>6. ALL WATERPROOFING/FIRE STOPPING OF RISERS & PENETRATIONS TO BE BY THE CONTRACTOR IN CONJUNCTION WITH THE ARCHITECT.</p> | |
| <p>7. ALL FIRE ALARM CABLEING WITH ALL AREAS AND TO ALL FIRE ALARM DETECTORS SHALL BE CONCEALED WITHIN GALVANISED CONDUIT IN A NEAT FASHION.</p> | |

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- NOTES
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 - ALL FURTHER COMMENTS ON THIS DRAWING ARE TO BE MADE ON THE DRAWING ACCOMPANIED BY A CLOUD ADJACENT TO THE COMMENT. THE DRAWING STATUS IS TO BE CLEARLY INDICATED
- CONTAINMENT NOTES:
- THE CONTRACTOR SHALL CONFIRM ALL FINAL LOCATIONS OF THE DISTRIBUTION BOARDS WITH THE CLIENT & ARCHITECT PRIOR TO ANY INSTALLATION WORKS
 - PRIMARY CONTAINMENT HAS ONLY BEEN SHOWN WHERE REQUIRED. THE CONTRACTOR SHALL PROVIDE ANY ADDITIONAL PRIMARY/SECONDARY CONTAINMENT TO COMPLETE THE INSTALLATION, AND INCLUDE WITHIN THE TENDER
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 - FIRE PROTECTION SHALL BE INSTALLED WHERE CONTAINMENT PASSES THROUGH FIRE COMPARTMENTS
 - ALL STRUCTURAL PENETRATIONS TO BE CONFIRMED IN CONJUNCTION WITH THE STRUCTURAL ENGINEER & ARCHITECT
 - ALL WATERPROOFING/FIRE STOPPING OF RISERS & PENETRATIONS TO BE BY THE CONTRACTOR IN CONJUNCTION WITH THE ARCHITECT
 - ALL FIRE ALARM CABLEING WITHIN ALL AREAS AND TO ALL FIRE ALARM DETECTORS SHALL BE CONCEALED WITHIN GALVANISED CONDUIT IN A NEAT FASHION
- CONTAINMENT LEGEND
- LV SUBMAIN CABLES TRAY
 - LV TRUNKING
 - SMALL POWER & LIGHTING
 - LV BASKET
 - SMALL POWER & LIGHTING
 - IT FIBRE/DATA CABLES BASKET
 - ELV/SECURITY CABLES BASKET
 - FIRE ALARM BASKET
 - SEE NOTE 7
 - PANEL BOARD THREE PHASE
 - DISTRIBUTION BOARD - SINGLE PHASE
 - CONSUMER UNIT - SINGLE PHASE
 - SPAN ISOLATOR
 - "A" DENOTES RATING
 - TRANS ISOLATOR
 - "A" DENOTES RATING
 - SUB COMMS CABINET FOR LANDLORD (BY CONTRACTOR)
- ABBREVIATIONS
- WP - WEATHERPROOF (P65)

P03	CG	06.03.25	GAS UPDATED
P02	JH	28.08.24	REISSUED AT (P) STAGE 5 PREVIOUS DRAWINGS SUPERCEDED
P01	SM	11.04.24	REISSUED AT (P) STAGE 5 PREVIOUS DRAWINGS SUPERCEDED
REV	APPR	DATE	DESCRIPTION
Client: ALLIED LONDON			
Project: LONDON ROAD FIRE STATION FIRE STATION, LONDON ROAD MANCHESTER, M1			
Drawing Title: ELECTRICAL SERVICES CONTAINMENT LAYOUT ROOF LEVEL			
THIS DRAWING WAS PRODUCED BY AutoCAD - DO NOT CHANGE MANUALLY			
Date	11.04.24	Drawn by	JH
Scale	1:100	Approved by	SM
DES Project No.		Status	S3
Drawing No.	LRFS-CMB-E-LR-XX-DR-6101	Rev.	P03
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- NOTES
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS, SPECIFICATIONS AND SCHEDULES AND SHALL BE DEVELOPED BY THE SUB-CONTRACTOR INTO COMPLETED DESIGN/INSTALLATION DRAWINGS.
- LEGEND:
- POWERPACK PANELBOARDS - THREE PHASE C/W METERING WHERE SHOWN FORM 30, TYPE 2, 30A, 125 (WAYS AS STATED) (SCHNEIDER)
 - DISTRIBUTION BOARD - THREE PHASE SPLIT METERED ACTIVE 'B' TYPE DISTRIBUTION BOARD 18 & 4 SPLIT TRIPLE POLE WAYS C/W METERS (SCHNEIDER)
 - DISTRIBUTION BOARD - SINGLE PHASE ACTIVE SINGLE PHASE 'N' TYPE 4 SPLIT TRIPLE WAYS (SCHNEIDER)
 - CONSUMER UNIT (SCHNEIDER)
 - THREE PHASE ISOLATOR (TPN) WP-WEATHERPROOF (IP55)
 - SINGLE PHASE ISOLATOR (SPN)
 - CABLE SIZE SEE CABLE SCHEDULE FOR FINAL SIZE AND TYPE
 - DIGITAL MULTI-FUNCTION METER CONNECTED TO THE EMS VIA MODBUS
 - DIGITAL MULTI-FUNCTION METER CONNECTED TO THE EMS VIA MODBUS
 - BREAKER KEY:
 - CIRCUIT BREAKER
 - FAMILY TYPE (OVERCURRENT PROTECTIVE DEVICE)
 - NSxxx IMA/VA
 - RATING (kA)
 - OVERLOAD SETTING (A)
 - 4P THREE PHASE & NEUTRAL
 - SPN SINGLE PHASE & NEUTRAL
 - MCB MOULDED CASE CIRCUIT BREAKER
 - MCB MICROLOGIC BREAKER
 - TM-D THERMAL MAGNETIC BREAKER
 - TRANSIENT VOLTAGE SURGE SUPPRESSION DEVICE (TYPE AS STATED) (To be of the same manufacturer as the Circuit Protective Devices)
 - FIRE ALARM PANEL (SEE FIRE ALARM SCHEMATIC)
 - SWITCH DISCONNECTOR (N/C)-NORMALLY CLOSED

REV	APPR	DATE	DESCRIPTION
PO1	SM	26.04.24	REISSUED AT (P) STAGE 5 PREVIOUS DRAWINGS SUPERCEDED

Client: Quadanga Contracts Ltd

Project: LONDON ROAD FIRE STATION FIRE STATION, LONDON ROAD MANCHESTER, M1

Drawing Title: ELECTRICAL INSTALLATION SERVICES PROPOSED LV SCHEMATIC LV SCHEMATIC - NON-HOTEL

THIS DRAWING WAS PRODUCED BY AutoCAD - DO NOT CHANGE MANUALLY

Date	09.02.23	Drawn by	MN
Scale	N.T.S	Approved by	SM
DES Project No.		Status	
Drawing No.	LRFS-MCB-E-XX-XX-SC-6101	Rev	PI

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NOTES	SMALL POWER LEGEND
1. DO NOT SCALE FROM THIS DRAWING.	13A SWITCHED POWER SOCKET OUTLET 7 GENETES NUMBER OF GANGS
2. ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO PREPARATION OF SHOP DRAWINGS, FABRICATION OF PARTS, ORDERING MATERIALS OR COMMENCING WORKS.	13A SWITCHED POWER SOCKET OUTLET 13A GENETES NUMBER OF GANGS 13A UNWITCHED FUSED CONNECTION UNIT 13A SWITCHED FUSED CONNECTION UNIT
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANTS DRAWINGS, SPECIFICATIONS AND SCHEDULES.	50A DP CONTROL WITH HEON INDICATOR CABLE OUTLET PLATE
4. ANY PENETRATION THROUGH FLOOR, SEEK STRUCTURAL ENGINEERS APPROVAL BEFORE COMMENCEMENT.	BSEN0039-2 SOCKET OUTLET (RATING AS SHOWN) SPIN ROLLOUT "A" DENOTES RATING
5. ALL PLANT AND EQUIPMENT SHALL BE INSTALLED FULLY IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.	TIPN ISOLATOR TWIN SWITCHED CONNECTION POINT TYPICAL FLOOR BOX TO INCLUDE A 3 COMPARTMENT BOX CIVV 2no. TWIN SWITCHED SOCKET OUTLETS 2no. TWIN DATA OUTLETS
6. FIRE STOPPING TO BE PROVIDED WHERE CABLES PASS THROUGH WALLS/FLOORS/CEILINGS FORMING A FIRE COMPARTMENT.	
7. THIS DRAWING SHALL BE READ IN COLOUR.	
8. ALL FINAL SETTING OUT OF ELECTRICAL ACCESSORIES BY ARCHITECT/INTERIOR DESIGNERS.	
9. ALL FURTHER COMMENTS ON THIS DRAWING ARE TO BE MADE ON THE DRAWING ACCOMPANIED BY A CLOUD ADDRESSED TO THE COMMENT. THE DRAWING STATUS IS TO BE CLEARLY INDICATED.	
	DATA & COMMUNICATIONS LEGEND
	CCTV TV DATA POINT (RJ45)
	INT DOUBLE DATA OUTLET POINT (RJ45)
	TV SINGLE DATA OUTLET (RJ45) FOR CCTV
	WI PHONE/WIRELESS OUTLET
	WI WIFI DATA OUTLET (RJ45)
	TV FINAL DETAILS TO BIC TO THE INTERNET SERVICE PROVIDER TELCOM
	TV TV AERIAL OUTLET (COAX POINT)
	TELEPHONE SOCKET OUTLET POINT
	MISCELLANEOUS LEGEND
	CHMPX CHMPX MECHANICAL PLANT REFERENCES
	(TO BE READ IN CONJUNCTION WITH THE ELECTRICAL SERVICES LAYOUTS)
	ABBREVIATIONS
	AZ ACCESS CONTROL SYSTEM
	AHU AIR HANDLING UNIT
	ASHP AIR SOURCE HEAT PUMP
	B - BOILER
	BC BC - MICH EQUIPMENT
	BT BT/WTE/COAX ROUTER
	C CLEANERS SOCKET OUTLET
	DC DISABLED ALARM
	DC DATA CABINET
	EFX EXTRACTOR FAN
	EPH ELECTRIC PLANT HEATER
	EX - EXTERNAL
	FCD FAN COL UNIT
	FD FIRE DAMPER
	H - HAND DRYER
	HRI HEAD RECOVERY UNIT
	L LAND/LORD MAINTENANCE SOCKET OUTLET
	MC METAL CLAD SOCKET OUTLET
	MCP MECHANICAL CONTROL PANEL
	MCU MECHANICAL CONTROL UNIT
	OQH OVER-DROOP OUTLET
	SG SUPPLY GRILL
	SH - SHOWER
	SI - SHOWER SOCKET
	TS TOWEL RAIL
	UH UNDER LOOT HEATING
	VRF VARIABLE REFRIGERATION FLOW
	WH - WATER HEATER
	WP WEATHER PROOF
	ZF ZONE

PO2	JH	14.08.24	REISSUED AT (P) STAGE 5 PREVIOUS DRAWINGS SUPERCEDED
PO1	SM	26.04.24	PRELIMINARY ISSUE
REV	APPR	DATE	DESCRIPTION

Client	Quadriga Contracts Ltd
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Project	LONDON ROAD FIRE STATION FIRE STATION, LONDON ROAD MANCHESTER, M1
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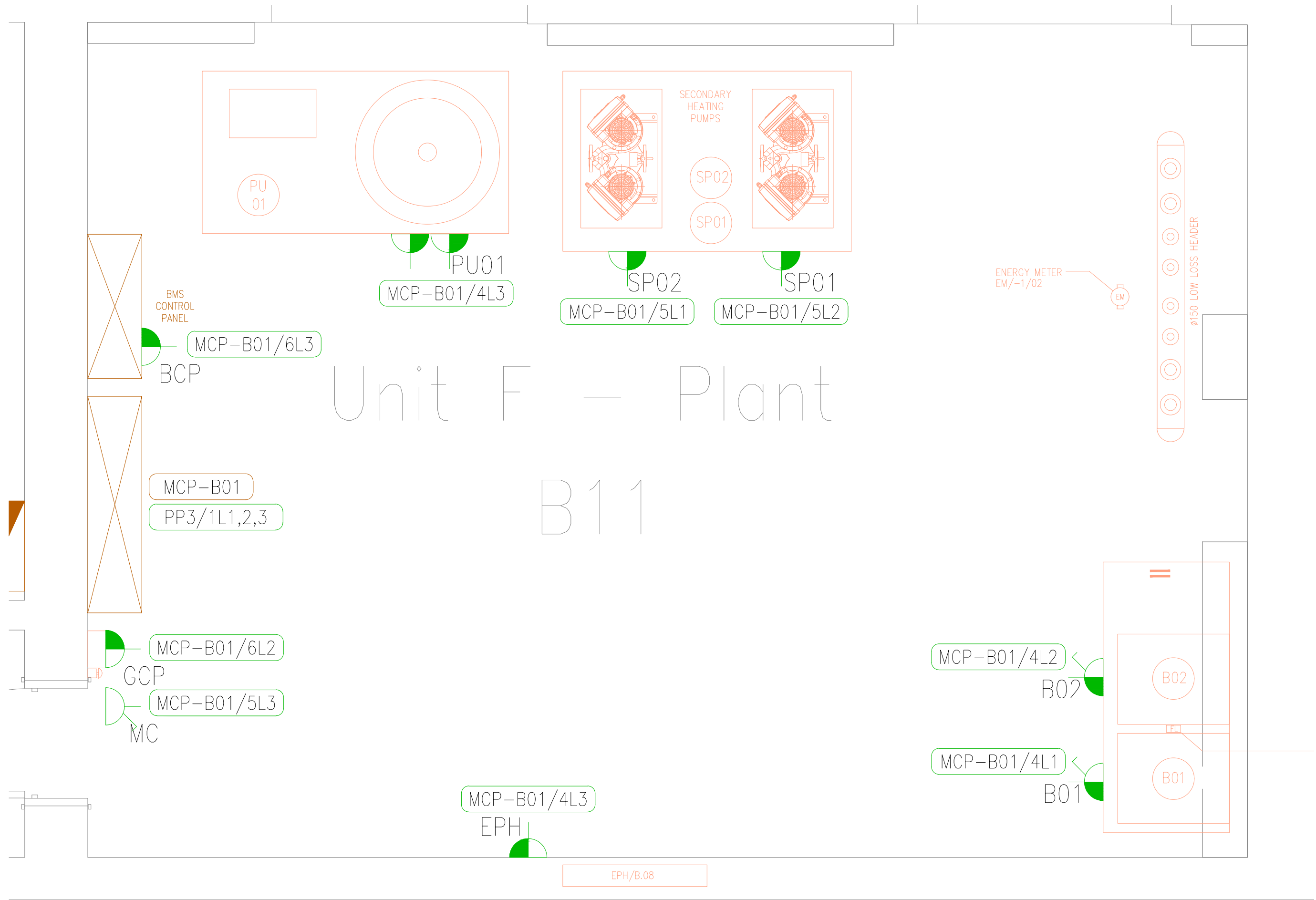
Drawing Title

ELECTRICAL PLANT ROOM SERVICES
SMALL POWER & DATA LAYOUT
TYPICAL DETAILS SHEET 1 OF 2

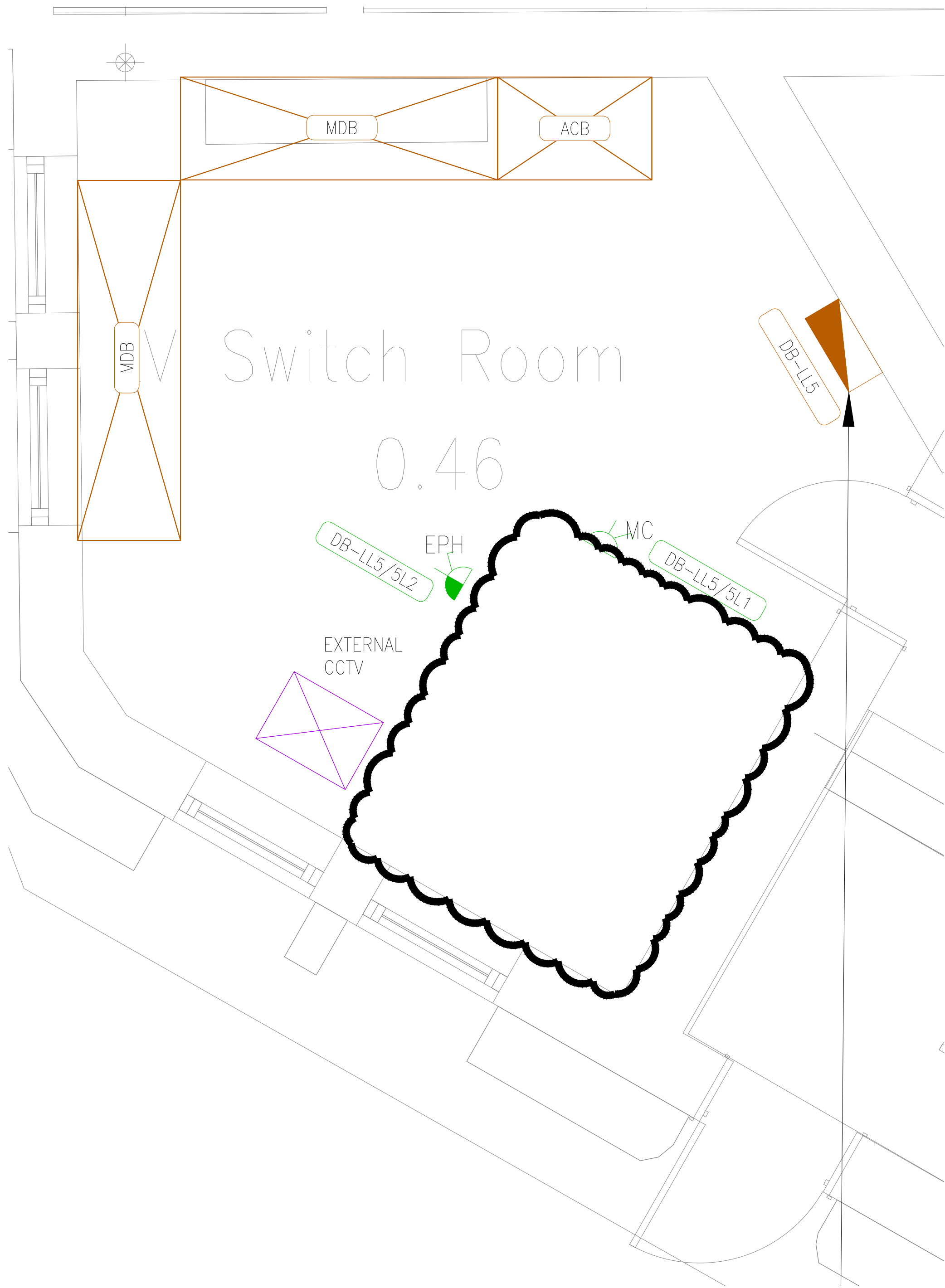


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Date	26.04.24	Drawn by	MN
Scale	1:100	Approved by	SM
DES Project No.			Status
Drawing No. LRF5-CMB-E-ZZ-XX-DR-6201			Rev. PO2

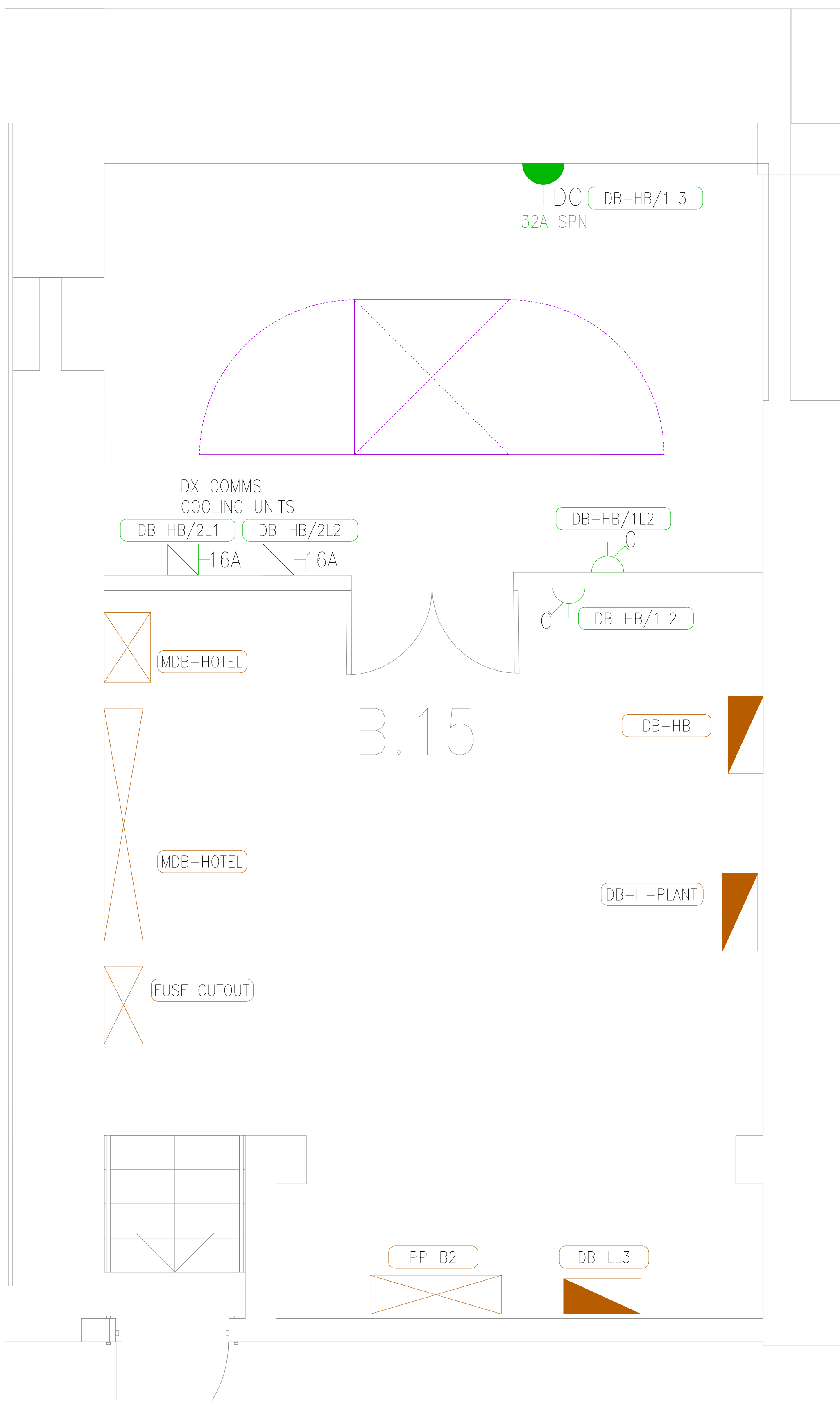
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This drawing is to be read in conjunction with the specification when existing.



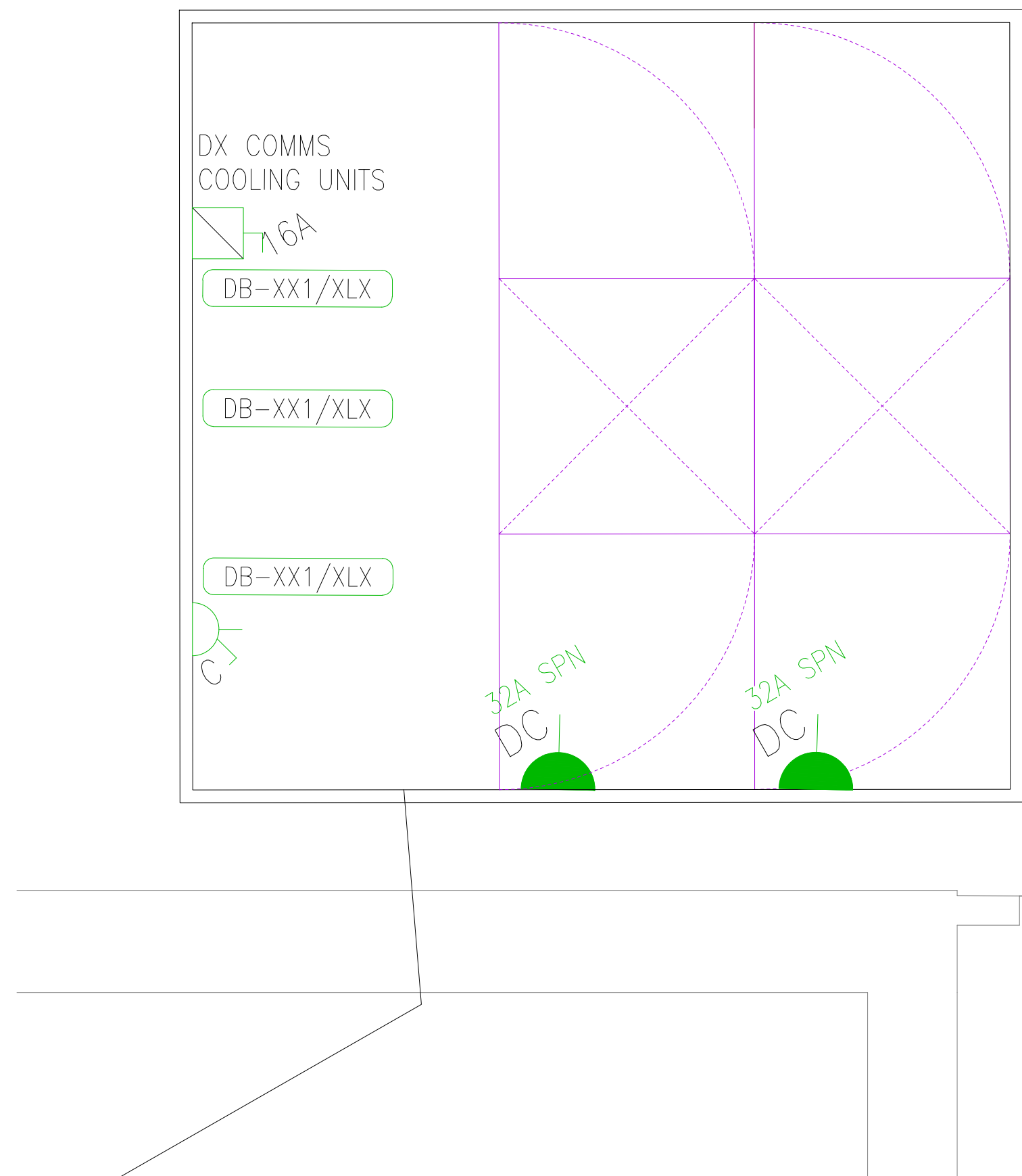
04 FLOOR PLAN (A0 @ 1:20)
62-02 LTHW HEATING PLANTROOM LAYOUT - BASEMENT



05 FLOOR PLAN (A0 @ 1:20)
62-02 LTHW HEATING PLANTROOM LAYOUT - BASEMENT



06 FLOOR PLAN (A0 @ 1:20)
62-02 LTHW HEATING PLANTROOM LAYOUT - BASEMENT



07 FLOOR PLAN (A0 @ 1:20)
62-02 LTHW HEATING PLANTROOM LAYOUT - BASEMENT

- INDEXES
- DO NOT SCALE FROM THIS DRAWING
 - ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO PREPARATION OF SHOP DRAWINGS, FABRICATION OF PARTS, ORDERING MATERIALS OR COMMENCING WORKS
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANT DRAWINGS, SPECIFICATIONS AND SCHEDULES
 - ANY PENETRATION THROUGH FLOOR/WALL, CEILING STRUCTURE, ENGINEERS APPROVAL BEFORE COMMENCEMENT
 - ALL PLANT AND EQUIPMENT SHALL BE INSTALLED FULLY IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS
- ABBREVIATIONS
- AC ACCESS CONTROL SYSTEM (FINAL LOCATION TBC IN CONJUNCTION WITH THE SPECIALIST), TO BE LOCATED WITHIN THE WORKSPACE RISER
- AH1 AIR HANDLING UNIT
- ASHP AIR SOURCE HEAT PUMP
- B BOILER
- BT BT/TELCOM ROUTER (FINAL LOCATION TBC IN CONJUNCTION WITH THE ISP/TELCOM), TO BE LOCATED WITHIN THE WORKSPACE RISER
- BC BC - MESH EQUIPMENT (TO BE CO-ORDINATED WITH THE MECH SERVICES)
- C CLEANERS SOCKET OUTLET
- DA DISABLED ALARM
- DC DATA CABINET
- EPH ELECTRIC PANEL HEATER
- FCU FAN COOL UNIT (TO BE CO-ORDINATED WITH THE MECH SERVICES)
- HD HAND DRYER
- HRU HEAT RECOVERY UNIT
- LM LANDLORD MAINTENANCE SOCKET OUTLET
- MCP MECHANICAL CONTROL PANEL
- MC METAL CLAD SOCKET OUTLET
- ODH ODER DOOR HEATER
- SH SHOWER
- TR TOWEL RAIL
- UH UNDERFLOOR HEATING
- VRF VARIABLE REFRIGERANT FLOW
- WH WATER HEATER
- WP WEATHER PROOF
- ZT ZIP-TAP
- DI DOOR INTERCOM
- CHW-PX MECHANICAL PLANT REFERENCES
- DB-HB (TO BE READ IN CONJUNCTION WITH THE
- LEGEND
- SINGLE 13A SWITCHED POWER SOCKET OUTLET
- TWIN 13A SWITCHED POWER SOCKET OUTLET
- 13A SWITCHED FUSED CONNECTION UNIT
- 50A RCP CONTROL SWITCH WITH NEON INDICATOR
- BSEN60308-2 SOCKET OUTLET (RATING AS SHOWN)
- SPAIN ISOLATOR
- TWIN ISOLATOR
- TYPICAL FLOOR BOX TO INCLUDE A 3 COMPARTMENT BOX C/W:
- 20% TWIN SWITCHED SOCKET OUTLETS
 - 20% TWIN DATA OUTLETS
- SINGLE DATA OUTLET (RJ45)
- DOUBLE DATA OUTLET (RJ45)
- DATA OUTLET (RJ45)
- 'XX' DENOTES NO. OF GANGS
- M-FIT DATA OUTLET (RJ45) (FINAL DETAILS TBC BY THE INTERNET SERVICE PROVIDER/TELCOM)
- SINGLE DATA OUTLET (RJ45) FOR CCTV
- PHONE/VOICE OUTLET

CONSOLUX	
Initialed by:	MW
Action	
✓	Status A: No Comments; work to drawing
	Status B: Minor Comments; revise & resubmit for Approval
	Status C: Do No Proceed; revise & resubmit

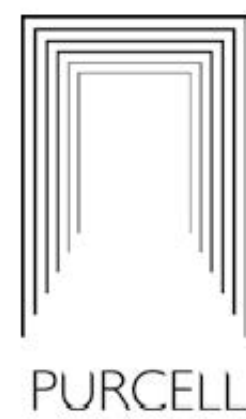
CHECKED FOR COMPLIANCE

DATE RECEIVED : 18.12.23

DATE COMMENTED : 01.01.24

INITIAL : JPH

STATUS: A



THE SUBMISSION IS REVIEWED WITH THE FOLLOWING COMMENTS:

- A** No comment (see note below)
- B** Agreed as 'Technically Acceptable' subject to complying with notes supplied. Re-submit incorporating notes as required.
- C** Considered 'Not fit for construction or manufacture'. Revise and re-submit for checking.

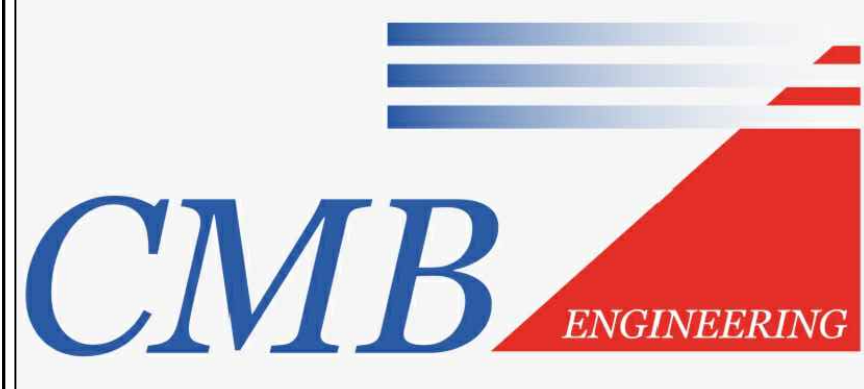
Do not proceed until Status A is achieved. Status A means that the submission appears to comply with the design. It does not release the Contractor/ Subcontractor/Consultant from responsibility or liability for the design.

P3	SM	21.11.23	REVISED NAMING CONVENTION
P2	SM	08.09.23	PRELIMINARY ISSUE
P1	SM	21.07.23	PRELIMINARY ISSUE

Client: Quadriga Contracts Ltd

Project: LONDON ROAD FIRE STATION FIRE STATION, LONDON ROAD MANCHESTER, M1

Drawing Title: ELECTRICAL PLANT ROOM SERVICES SMALL POWER & DATA LAYOUT TYPICAL DETAILS SHEET 2 OF 2



THIS DRAWING WAS PRODUCED BY AutoCAD - DO NOT CHANGE MANUALLY			
Date:	09.02.23	Drawn by:	MN
Scale:	1:100	Approved by:	SM
DES Project No.			Status
Drawing No.	LRF5-CMB-E-ZZ-XX-DR-G202		Rev. P3

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