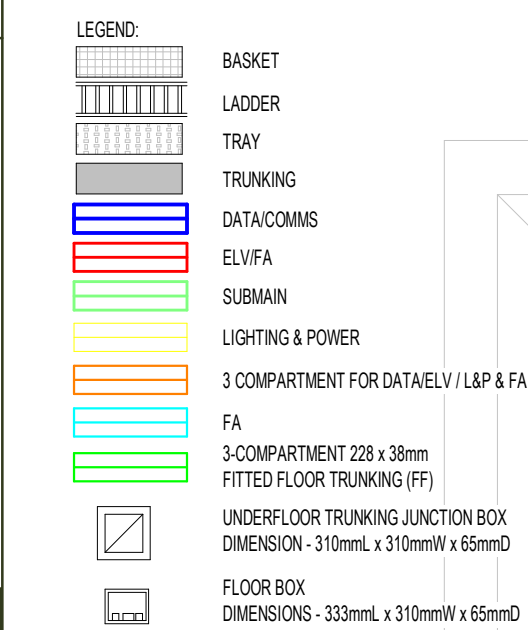
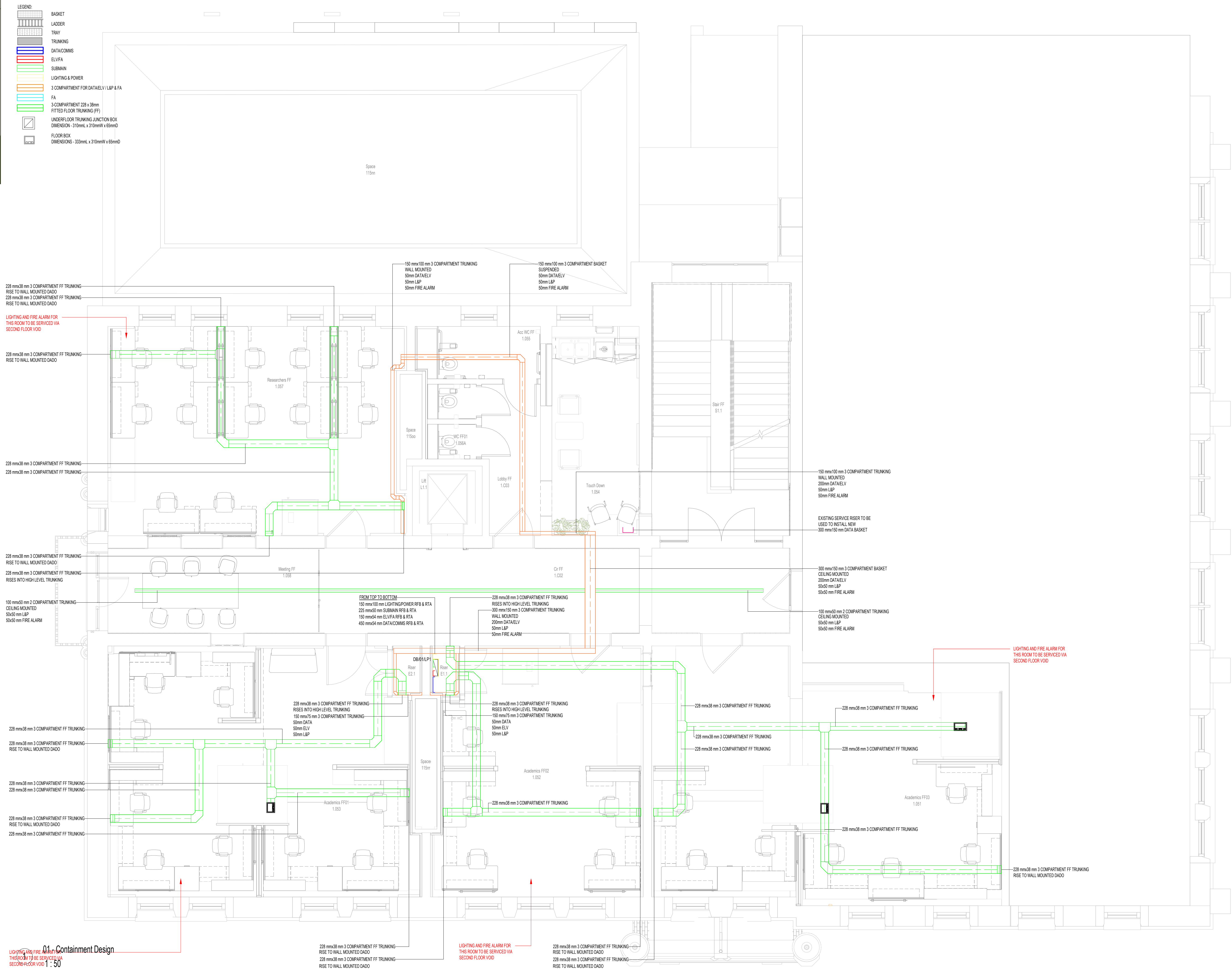




01 - Containment Design

NOTES:
THIS IS A DESIGN DRAWING NOT AN INSTALLATION DRAWING.
DIMENSIONS SHOULD NOT BE SCALED.
SITE DIMENSIONS TO BE CHECKED BEFORE PRODUCTION OF CRITICAL
MANUFACTURING DRAWINGS.
THE DRAWING IS COPYRIGHT AND NO PART MAY BE REPRODUCED
WITHOUT WRITTEN CONSENT.

CONTAINMENT

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE RELEVANT MECHANICAL AND ELECTRICAL SERVICES PERFORMANCE SPECIFICATION, DISTRIBUTION BOARD SCHEDULES AND ASSOCIATED LAYOUT DRAWINGS.
2. A COMPLETE AND COMPREHENSIVE CABLE CONTAINMENT SYSTEM SHALL BE PROVIDED TO ACCOMMODATE AND SUPPORT ALL SUB MAINS CABLES THROUGHOUT THEIR LENGTH FROM THE MAIN SECTION BOARD WITHIN THE PLANT ROOM
3. SUITABLE FIRE BARRIERS TO ALL PENETRATIONS THROUGH THE FIRE COMPARTMENTS AND BARRIERS, REFERENCE SHOULD BE MADE TO THE FIRE STRATEGY DRAWING TO ASCERTAIN BARRIER/COMPARTMENT CONSTRUCTION AND RATING
4. CONTAINMENT SHALL CARRY CABLES OF ONLY ONE VOLTAGE BAND WHERE ALL SUCH CABLES MUST BE INSULATED TO LV GRADÉS. ELEV BASKET MAY CONVEY, SECURITY FIRE ALARM AND EMERGENCY LIGHTING WHERE THE WIRING SYSTEMS ARE ALL ELEV WITH UGRADÉ INSULATION AND THEY ARE CORRECTLY SCREENED/DEGRADED. THE CONTRACTOR SHALL CONFIRM THAT ALL CABLES LISTED AND PROVIDED WITH LV GRADÉ INSULATION
5. UNDER NO CIRCUMSTANCES MAY FIRE ALARM/EMERGENCY LIGHTING CABLES BE ROUTED ON LV CONVEYANCE SYSTEMS.
6. THE CONTRACTOR MUST OBSERVE THE MINIMUM SEPARATION BETWEEN DISSIMILAR VOLTAGE BAND CONVEYANCE SYSTEMS.
7. ALL ELEV CABLES MUST BE TERMINATED IN ACCORDANCE WITH THEIR INTENDED TERMINATING INFRASTRUCTURE. ALL CABLES SHALL BE TERMINATED CORRECTLY BY TESTING AND CERTIFICATION.
8. THE CONTRACTOR SHALL PROVIDE SML TRUNKING LID SECTIONS FOR PENETRATIONS THROUGH FIRE BARRIERS SUCH THAT REMOVAL OF LID DOES NOT AFFECT FIRE SEAL AROUND TRUNKING. THE CONTRACTOR SHALL PROVIDE A DURABLE CABLE TO TRUNKING LID WHERE FIRE BARRIERS ARE WITHIN TRUNKING.
9. MULTI-COMPARTMENT CABLE TRUNKING SYSTEMS TO BE ROUTED AT HIGH LEVEL AS EXISTING WITH CONDUITS
10. ALL SERVICES IN CORRIDORS TO BE BACK ENTRY FEED VIA SURFACE INSTALLED CONDUITS
11. FINAL DATA CONTRACTANT SIZING AND ROUTING TO BE CONFIRMED WHEN DATA OUTLET STRATEGY HAS BEEN FINALISED

Rev C02	STAGE 4 ISSUE - MCC COMMENTS INCORPORATED				
	By:	JD	Chkd:	DH	Date: 06.12.24 App: AD
Rev C01	STAGE 4 CONTRACT ISSUE				
	By:	JN	Chkd:	DH	Date: 16.08.24 App: AD

Status	Description	Stage
A4	STAGE 4A COMPLETED	4

Client

MANCHESTER
1824

The University of Manchester

Project UNIVERSITY OF MANCHESTER RUTHERFORD BUILDING

Drawing

ELECTRICAL SERVICES
CONTAINMENT
FIRST FLOOR
GENERAL ARRANGEMENT LAYOUT



CAD21 LTD
BUILDING
SERVICES
& ENERGY
CONSULTING ENGINEERS

NEWCASTLE ■ TEESSIDE ■ YORKSHIRE ■ NORTH WEST

Drawing Number	Revision
UOMRB-CAD-XX-01-DR-E-67001	C02

Scale	Size
As indicated	A1

Drawing Origins :
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