A1

This drawing shall not be scaled.
Work from the dimensions shown in the drawing or given in relevant specifications

RELOCATE EXISTING LIGHTING SWITCH ASIDE THE NEW DOOR ENTRANCE

NEW DOOR OPENING (EXACT LOCATION REFER TO ARCHITECT DRAWING)

PART OF EXISTING DADO TRUNKING TO BE OMITTED

EXISTING DATA PORT TO BE OMITTED

RELOCATE AND REWIRING OF EXISTING OUTLETS:
- 2 NOS. DOUBLE SWITCHED SOCKETS
- 1 NO. DOUBLE DATA OUTLET
ALL SURFACE MOUNTED ON MODIFIED DADO TRUNKING

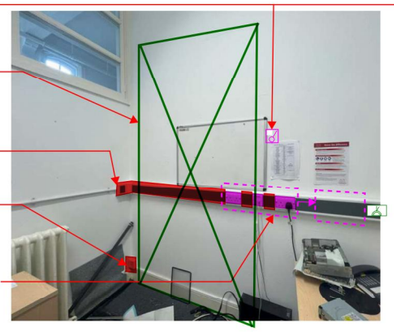


PHOTO:A

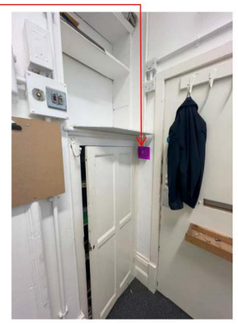


PHOTO:B

PART OF EXISTING DADO TRUNKING TO BE OMITTED

NEW DOUBLE DATA OUTLET AND 2 x DOUBLE POWER SOCKETS

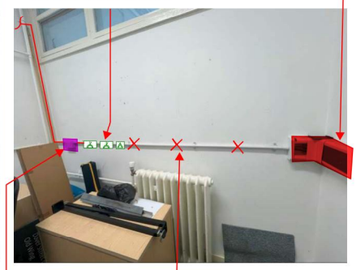
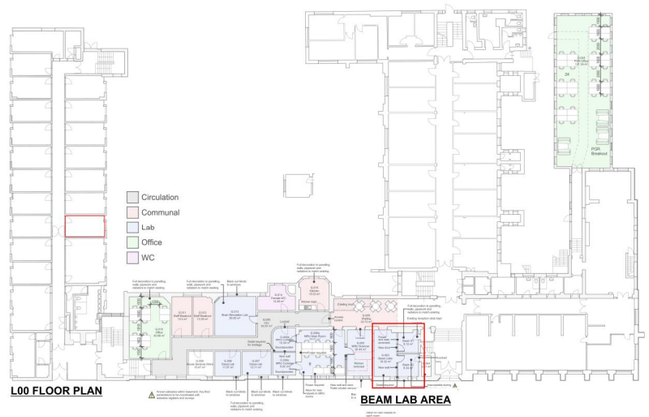


PHOTO:C

TERMINATE EXISTING POWER CABLES, REMOVE UNNECESSARY CONDUITS AND RECONNECT BACK TO THE EXISTING SUPPLY FOR HIGHLIGHTED SOCKET

- Circulation
- Communal
- Lab
- Office
- WC



L00 FLOOR PLAN

BEAM LAB AREA

REFERRED TO PHOTO A, B, C, D FOR DETAIL ARRANGEMENT

Full decoration to panelling, pipework and radiators to match existing

CONNECT POWER TO OTHER E-LIGHTINGS IN THE CORRIDOR (SUPPLIED BY CENTRAL BATTERY SYSTEM AT B1/F)

Film to door and top light

Wall painted black

Dado retained

Locked

Full decoration to panelling, pipework and radiators to match existing

1600

G.069
Beam 01
7.88 m²

New Vinyl

2 tables

DIVERSION OF EXISTING OUTLETS TO THE LEFT

NEW FIRE ALARM & SMOKE DETECTOR CONNECT TO NEARBY FIRE ALARM ZONING

Existing metal conduit to be painted white

1010

D.00?a

Wall painted black

G.003
Beam Labs
17.03 m²

Existing Radiator

150

Wall painted black

New Vinyl

1010

D.003b

Blackout film to window

Locked

Lockable storage cabinet & filing cabinet

3255

G.003a
Beam 02
8.35 m²

P1

Inaccessible during asbestos survey

0109 4

New Vinyl

2 tables

Beam above

Wall painted black

3
0109

NEW SOCKET ON TOP OF TRUNKING

REPOSITION EXISTING SOCKET ON TOP OF TRUNKING

EXISTING 100A TPN MCB BOARD "DB/02/605" (RETAINED)

Existing Radiator

EXISTING SOCKET ABOVE METAL TRUNKING (RETAINED)

Astralux 1000 vertical blinds

Astralux 3000 room darkening blackout blinds

Astralux 3000 room darkening blackout blinds

MAINTAIN POWER PROVISION FOR FAN

ADD NEW LIGHT SWITCH FOR EXISTING LIGHTING WITHIN BEAM 02

Proposed conduits' location

L0 Zochonis Occupation - Beam Labs as Proposed

1 : 25 @ A1

LEGEND

- EXISTING VERTICAL DADO RETAINED
- EXISTING HORIZONTAL DADO RETAINED
- EXISTING HORIZONTAL DADO OMITTED
- NEW HORIZONTAL DADO
- EXISTING HORIZONTAL POWER TRUNKING RETAINED
- NEW HORIZONTAL POWER TRUNKING
- 1 GANG SWITCHED SOCKET (EXISTING)
- 2 GANG SWITCHED SOCKET (DIVERSION)
- 2 GANG SWITCHED SOCKET (EXISTING)
- 2 GANG SWITCHED SOCKET (FOR DIVERSION)
- 2 GANG SWITCHED SOCKET (NEW)
- DOUBLE DATA OUTLET (FOR DIVERSION)
- DOUBLE DATA OUTLET (NEW)
- ONE WAY SWITCH (FOR DIVERSION)
- ONE WAY SWITCH (NEW)
- SMOKE DETECTOR (OPTICAL), VISUAL INDICATOR DEVICE AND SOUNDER

Legend (New emergency lighting)

Non-maintained integral surface mounted, LED bulkhead luminaire, supported with central battery backup ,(or equivalent as existing, refer to photo below and note 20)
4W, 4000K

CDM Regulations:

In addition to any information included in this drawing or the model from which it is derived, refer also to the project CDM Risk Register for information on residual risks.

General Notes:

- The drawing does not necessarily show all the information needed to interpret the design intent or the construction details.
- The drawing contains information from more than one source and must be read in conjunction with all relevant specifications.
- Any apparent drafting errors and differences between other drawings and specifications shall be brought to our attention.

Project Notes:

1. This drawing is for information purposes only.
2. All services distribution routes and locations are indicative.
3. The Contractor shall take full responsibility for the detailed design process, allow for the verification of all information provided on the design intent drawings and prepare further stage drawings.
4. Refer to architect's information for final positions and heights of equipment.
5. Refer to as-built condition for further information on existing services.
6. Notwithstanding the above, the contractor shall allow for a detailed site survey to verify MEP positions and locations prior to completing design.
7. Builders work in connection including holes through walls, making good and fire stopping, as necessary for a complete installation.
8. Contractor to provide as-installed drawings and O&M manual updates.
9. All existing data & power points to be retained and kept active, necessary otherwise specified.
10. All connections for AV equipment including HDMI and microphone connections to be agreed and coordinated with the University's AV Development & Installation Coordinator.
11. Unless Dado trunking is provided for mounting the data ports and sockets, all other outlets would be feed from surface conduits with painted out to match wall colour.
12. All small power points would be supplied from the distribution board located at the corridor and G.003.
13. Provide data outlet, structural cabling would be further developed to suit University's requirement.
14. All New electrical installation is to be designed, installed to comply on the EPM PM8 - Standard Electrical Specification from the University of Manchester
15. Design and installation to be compliant with all relevant British Standard and Building Regulations documentation.
16. Design and installation to be compliant with all relevant University Policy EPM documents.
17. Unless otherwise specify in this drawing for demolition, diversion or facilitate the new builder's works, retain all existing MEP installation within layout for future use. The contractor shall provide sufficient protection to ensure without further damage on the installation before hand over to the university.
18. Review the condition of all existing lighting fittings and light switch to ensure it can be operated normally. Replace all damaged lighting fittings or lighting tubes as the existing type if it cannot operate functionally before hand over to the university.
19. Review and provide with proper validation test on the condition of all existing power sockets, protective devices and power cables to ensure it can be operated normally and comply statutory requirement. Replace all damaged, unsatisfactory installations if it cannot be operated functionally before hand over to the university.
20. The contractor shall check with the existing emergency lighting system and ensure the new provision can be compatible with the existing system in terms of testing requirement and following power backup arrangement. Central battery main and sub station are installed on basement floor corridor for all emergency lighting backup.

Index	Description	Designed	Reviewed	Authorised	Date
P03	ISSUE FOR COMMENT	EY	EG	RCM	10/24
P02	ISSUE FOR COMMENT	EY	EG	RCM	09/24
P01	ISSUE FOR COMMENT	EY	RCM	RCM	08/24

REVISIONS:

HOARE LEA

ARCHITECT:
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PROJECT TITLE:
UoM NZC Decant Works - 5668

DRAWING TITLE:
ELECTRICAL RECONFIGURATIONS
DOVER ST BUILDING L0 FLOOR -
BEAM LABS LAYOUT

PRELIMINARY ISSUE

PERSON RESPONSIBLE FOR:		
Design: EY	Review: EG	Authorising Issue: RCM
Project No: 04/06198	Date: 08 /2024	Scale @ A1: N.T.S
DRAWING NUMBER: 0406198-HLEA-DOV-00-DR-U-004		Revision: P03

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