A1

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

1No. CLEANERS POWER SOCKET INTRODUCED

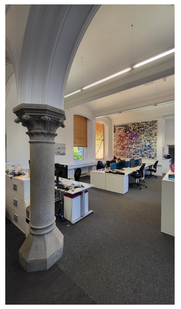
NO CHANGES TO HEATING OR VENTILATION IN THIS ROOM.

REMOVE EXISTING LIGHTING. PROVIDE AND INSTALL NEW SUSPENDED LED LUMINAIRES AND CONNECT TO EXISTING POWER AND CONTROLS. SELECT LUMINAIRES TO ACHIEVE A LIGHTING LEVEL OF 300 LUX AND A UNIFORMITY OF 0.6 OVER THE TASK AREA.

FITTINGS TO BE CONSISTENT WITH OTHER REFURBISHED SPACES AND TO BE AGREED WITH THE ARCHITECT.

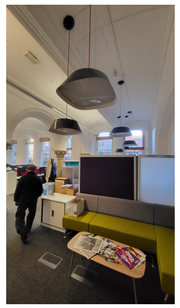
PRECEDENT PHOTOGRAPHS.

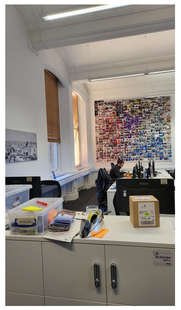












REMOVE EXISTING LIGHTING. PROVIDE AND INSTALL NEW SUSPENDED LED LUMINAIRES AND CONNECT TO EXISTING POWER AND CONTROLS. SELECT LUMINAIRES TO ACHIEVE A LIGHTING LEVEL OF 300 LUX AND A UNIFORMITY OF 0.6 OVER THE TASK AREA.

FITTINGS TO BE CONSISTENT WITH OTHER REFURBISHED SPACES AND TO BE AGREED WITH THE ARCHITECT.

NO CHANGES TO HEATING OR VENTILATION IN THIS ROOM.

PROVIDE POWER TO 1NO. MEETING POD VIA VERTICAL CONDUIT IN ALCOVE BEHIND POD.

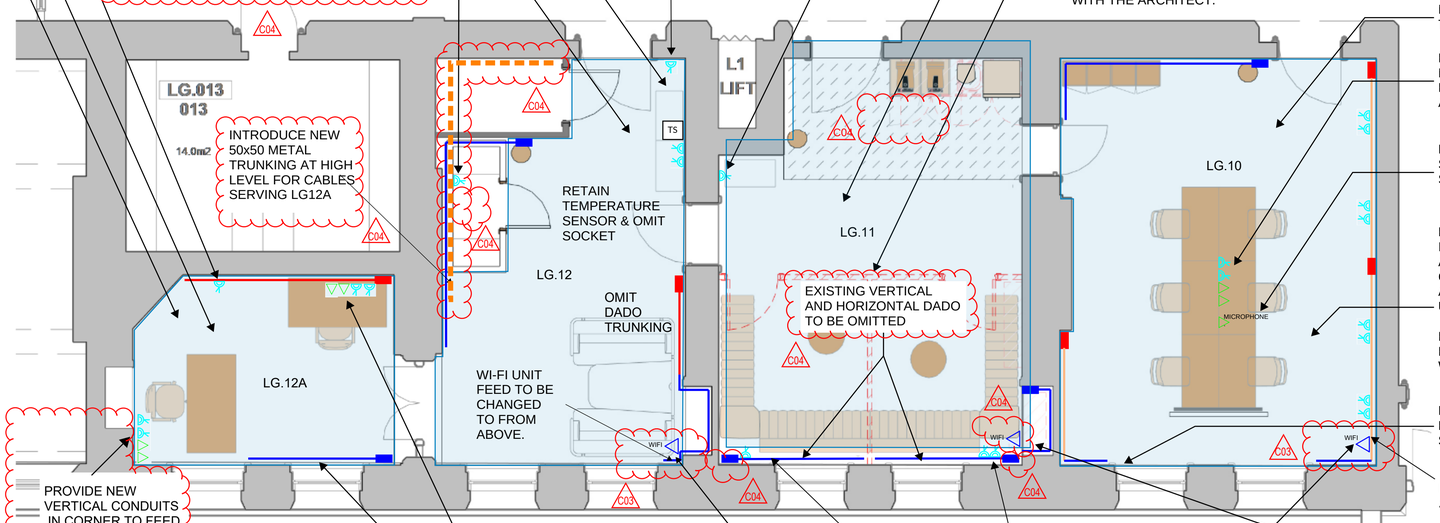
NEW CLEANERS SOCKET @450mm ABOVE FFL

PROVIDE POWER TO NEW SWITCHED SOCKET VIA SURFACE MOUNTED CONDUIT PAINTED TO MATCH ROOM.

NO CHANGES TO HEATING OR VENTILATION IN THIS ROOM.

REMOVE EXISTING LIGHTING. PROVIDE AND INSTALL NEW SUSPENDED LED LUMINAIRES AND CONNECT TO EXISTING POWER AND CONTROLS. SELECT LUMINAIRES TO ACHIEVE A LIGHTING LEVEL OF 300 LUX AND A UNIFORMITY OF 0.6 OVER THE TASK AREA.

FITTINGS TO BE CONSISTENT WITH OTHER REFURBISHED SPACES AND TO BE AGREED WITH THE ARCHITECT.




NO CHANGES TO HEATING OR VENTILATION IN THIS ROOM.

EXISTING FLOOR BOXES TO BE RETAINED. NEW POINTS TO BE ADDED AS NECESSARY TO ENSURE MINIMUM REQUIREMENTS SHOWN ARE MET.

DIRECT CAT6 LINK FROM FLOOR BOX TO SOFFIT TO BE PROVIDED FOR MICROPHONE. SEE NOTE 9.

REMOVE EXISTING LIGHTING. PROVIDE AND INSTALL NEW SUSPENDED LED LUMINAIRES AND CONNECT TO EXISTING POWER AND CONTROLS. SELECT LUMINAIRES TO ACHIEVE A LIGHTING LEVEL OF 300 LUX AND A UNIFORMITY OF 0.6 OVER THE TASK AREA.

FITTINGS TO BE CONSISTENT WITH OTHER REFURBISHED SPACES AND TO BE AGREED WITH THE ARCHITECT.

LEAK FROM LTHW PIPEWORK OR RADIATOR. REPAIRS TO BE CARRIED OUT AND EXISTING SYSTEM RETAINED.

DADO AT 450mm ABOVE FFL WITH ADDITIONAL POWER SOCKETS.

PROVIDE NEW VERTICAL CONDUITS IN CORNER TO FEED DESK.

DIRECT CAT6 LINK FROM LECTURN POINT TO SOFFIT TO BE PROVIDED FOR MICROPHONE. SEE NOTE 9.

INTRODUCE 2No. DATA POINTS & SOCKETS TO SERVE DESK

EXISTING DADO TO BE OMITTED

DATA POINT REMOVED. CLEANERS POWER SOCKET INTRODUCED.

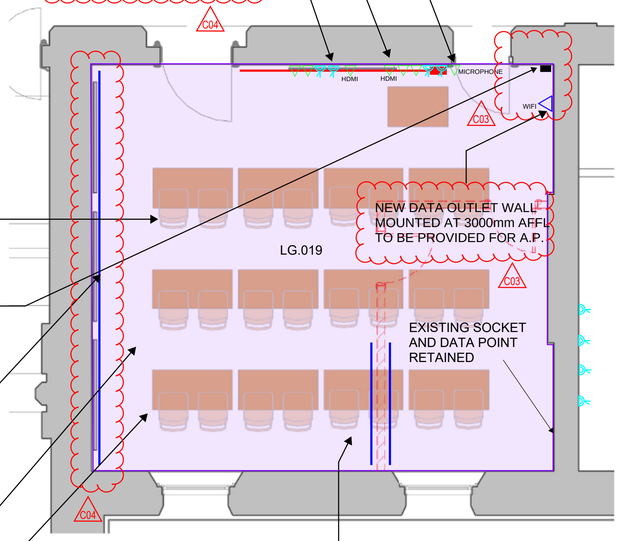
2NO. DSSO REPLACED.

NEW DATA OUTLET FEED FROM METALIC CONDUIT AND WALL MOUNTED AT 3m AFFL FOR WI-FI A.P

NEW DATA OUTLET FEED FROM METALIC CONDUIT AND WALL MOUNTED AT 3m AFFL FOR WI-FI A.P.

PROVIDE HDMI LINK FROM LECTURN POINT TO SCREEN

REPOSITION EXISTING DADO TO SUIT NEW POWER AND DATA OUTLETS TO SUIT THE AV REQUIREMENTS SHOWN.




REMOVE CONTAINMENT AT HIGH LEVEL.

NEW LOCKABLE BOX WITH PAD LOCK AT 2.5m AFFL FOR HOUSING 2 NOS. OF RCBO UNITS SERVING 2 NEW POWER CIRCUITS FOR SOCKETS

C03

REMOVE DADO.

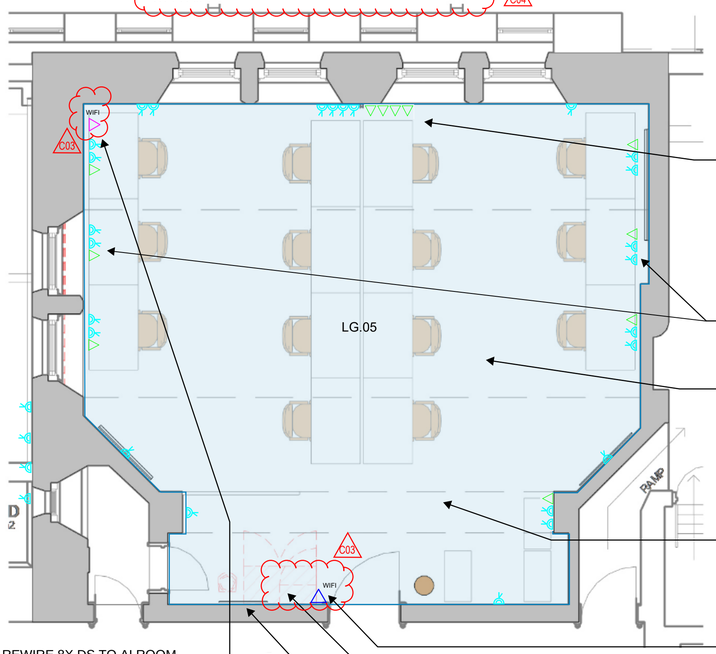
NO CHANGES TO HEATING OR VENTILATION IN THIS ROOM.

ANY CEILING MOUNTED SERVICES SUCH AS SMOKE DETECTOR / FIRE ALARM TO BE CAREFULLY RELOCATED TO THE SOFFIT. ADDITIONAL DETECTORS TO BE PROVIDED IF NECESSARY TO MAINTAIN COVERAGE.

REMOVE EXISTING LIGHTING. PROVIDE AND INSTALL NEW SUSPENDED LED LUMINAIRES AND CONNECT TO EXISTING POWER. SEPARATE SWITCHING TO BE PROVIDED FOR GENERAL LIGHTING AND LUMINAIRES ABOVE TEACHING STATION. DIMMING REQUIREED THROUGHOUT. SELECT LUMINAIRES TO ACHIEVE A LIGHTING LEVEL OF 500 LUX AND A UNIFORMITY OF 0.6 OVER THE TASK AREA.

FITTINGS TO BE CONSISTENT WITH OTHER REFRUBISHED AREAS AND TO BE AGREED WITH THE ARCHITECT.

REWIRE 8X DS TO AI ROOM




REMOVE ANY REDUNDANT SMALL POWER AND DATA POINTS FROM OLD FF&E TO ACCOMMODATE THE NEW LAYOUTS IN A SAFE MANNER. RETAIN CABLING FOR REUSE WHERE POSSIBLE.

PROVIDE AND INSTALL HARD WIRED DESK TOP TAP OFF UNITS SERVED FROM THE EXISTING WALL MOUNTED DADO SYSTEM.

CONTRACTOR TO USE A ROTASOC OR SIMILAR MODULAR POWER SYSTEM WITH DESK INTEGRATED CONTAINMENT IN COMPLIANCE WITH UNIVERSITY STANDARDS AND BS 7671 REQUIREMENTS

EXISTING DADO TO BE RETAINED AND RESUSED. PROVIDE NEW POWER AND DATA OUTLETS TO SUIT THE NEW DESK LAYOUTS.

NO CHANGES TO HEATING OR VENTILATION IN THIS ROOM.

CAREFULLY REMOVE EXISTING LIGHTING. PROVIDE AND INSTALL NEW SUSPENDED LED LUMINAIRES AND CONNECT TO EXISTING POWER AND CONTROLS. SELECT LUMINAIRES TO ACHIEVE A LIGHTING LEVEL OF 300 LUX AND A UNIFORMITY OF 0.6 OVER THE TASK AREA.

FITTINGS TO BE CONSISTENT WITH OTHER REFURBISHED SPACES AND TO BE AGREED WITH THE ARCHITECT.

NEW DATA OUTLET WALL MOUNTED AT 3m AFFL FOR WI-FI A.P.

CAP OFF AND CAREFULLY STRIP OUT MEP SERVICES TO KITCHENETTE. MAKE GOOD.

EXISTING DATA OUTLET AT HIGH LEVEL TO BE RETAINED FOR A.P.

REMOVE HORIZONTAL DADO

**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. The Contractor shall take full responsibility for the detailed design process and allow for the verification of all information provided on the design intent drawings.
2. Refer to architect's information for final positions and heights of equipment.
3. Refer to as-built layouts for further information on existing services
4. Notwithstanding the above, the contractor shall allow for a detailed site survey to verify MEP positions and locations prior to completing design.
5. Builders work in connection including holes through walls, making good and fire stopping, as necessary for a complete installation.
6. Contractor to provide as-installed drawings and O&M manual updates.
7. All existing data points to be retained and kept active.
8. To comply with the Listed Building Consent all wiring and containment must be installed in an unobtrusive manner and routed to the perimeter of rooms where possible. The precedent in neighbouring, recently refurbished spaces must be followed as shown indicatively on the precedent photographs.
9. All connections for AV equipment including HDMI and microphone connections to be agreed and coordinated with the University's AV Development & Installation Coordinator.
10. Unless Dado trunking is provided for mounting the data ports and sockets, all other outlets would be feed from metallic G.I conduits with painted out to match wall color.

LEGEND

- EXISTING VERTICAL DADO RETAINED.
- EXISTING HORIZONTAL DADO RETAINED.
- EXISTING HORIZONTAL DADO LOWERED TO 450mm ABOVE FFL WITH NO. OF EXISTING SOCKETS RETAINED.
- EXISTING VERTICAL DADO OMITTED.
- EXISTING HORIZONTAL DADO OMITTED.
- NEW VERTICAL DADO.
- NEW 50mm x 50mm METAL TRUNKING
- NEW 2 GANG RJ45 DATA OUTLET FOR WI-FI A.P.
- EXISTING 2 GANG RJ45 DATA OUTLET FOR WI-FI A.P.

| | | | | | |
|---|---|---|---|---|---|
| C04 | UPDATE AS PER COMMENT | EY | RCM | RCM | 05/24 |
| C03 | DATA POINTS FOR WI-FI A.P | EY | RCM | RCM | 05/24 |
| C02 | DATA POINTS AMMENDED | LW | RCM | RCM | 05/24 |
| C01 | DADO ALTERATIONS ADDED | HW | RCM | RCM | 03/24 |
| T03 | FOR TENDER | RCM | SM | RCM | 02/24 |
| T02 | FOR TENDER | RCM | SM | RCM | 02/24 |
| T01 | FOR TENDER | RCM | SM | RCM | 02/24 |
| P01 | STAGE 2 - FOR COMMENT | RCM | SM | RCM | 01/24 |
| Index | Description | Designed | Reviewed | Authorised | Date |

**REVISIONS:**

HOARE LEA

ARCHITECT:
HALLIDAY MEACHAM

CLIENT:
UNIVERSITY OF MANCHESTER

PROJECT TITLE:
LTM DECANT STRATEGY

DRAWING TITLE:
MEP RECONFIGURATIONS
JOHN OWENS BUILDING

**TENDER ISSUE**

| PERSON RESPONSIBLE FOR: | | |
|---|---|---|
| Design: RCM | Review: | Authorising Issue: RCM |
| Project No: 04/06198 | Date: 15.02.24 | Scale @ A1: NTS |
| DRAWING NUMBER: 0406198-HLEA-01-B1-DR-U-001 | Status: S2 | Rev: C02 |

© Hoare Lea LLP