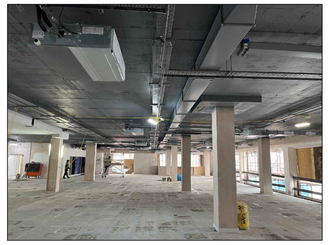
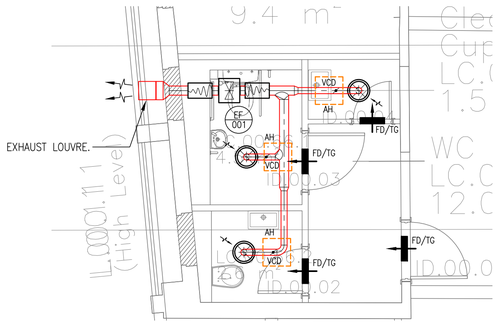
VENTILATION RATES

LOWER CAMPFIELD:

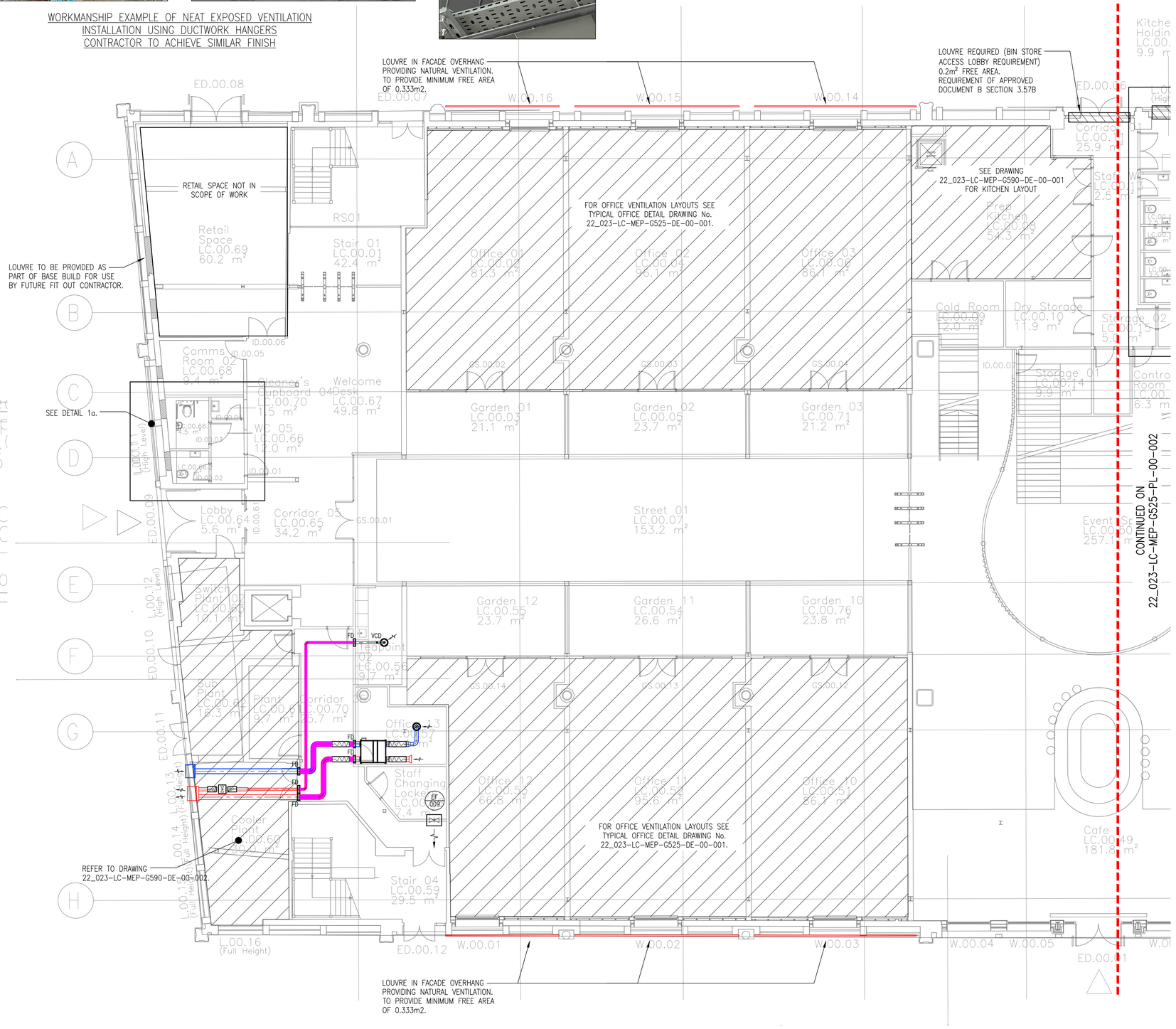
- GF SUITES: 1 PERSON PER 6m² WITH DIVERSITY.



WORKMANSHIP EXAMPLE OF NEAT EXPOSED VENTILATION INSTALLATION USING DUCTWORK HANGERS CONTRACTOR TO ACHIEVE SIMILAR FINISH



DETAIL 1a
SCALE 1 : 50



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This drawing is for information only and shall not be used for construction purposes.

Any drawing issued as "Contract or Construction Issue" is done so to confirm the basis on which the contractor shall provide their own working drawings.

All dimensions are in mm unless stated otherwise.

The information on this drawing shall be read in conjunction with any relevant associated documents.

GENERAL NOTES

1.0 THE DRAWING SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION & ALL OTHER RELEVANT DOCUMENTS & DRAWINGS PROVIDED BY MEP DESIGN.

2.0 THE DRAWING INDICATES THE DESIGN INTENT FOR THE WORKS.

3.0 COORDINATION WORKING DRAWINGS, INSTALLATION DRAWINGS & BUILDERS WORK DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR.

4.0 DIMENSIONS SHALL NOT BE SCALED FROM THE DRAWING & THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL DIMENSIONS & LEVELS ON SITE FOR THE ACTUAL SETTING OUT OF THE WORKS.

NOTES

1.0 ALL GRILLES AND DIFFUSERS BRANCHES TO HAVE OPPOSED BLADE DAMPERS.

2.0 ALL DUCTWORK TO DW144/DW172 (WHERE APPLICABLE).

3.0 FLEX TO BE USED ONLY STRAIGHT–ALL BENDS TO BE RIGID.

4.0 FIRE DAMPERS TO BE LOCATED IN ACCORDANCE WITH FIRE STRATEGY DRAWING REQUIREMENTS.

5.0 ACCESS DOORS TO BE LOCATED ADJACENT TO FIRE DAMPERS AND EVERY 3M.

6.0 ALL BRANCH CONNECTIONS SHALL HAVE VCD'S.

7.0 ALL DIFFUSERS AND GRILLES TO BE SUPPORTED BY STRUCTURE.

8.0 IN POSITIONS OF RESTRICTED HEADROOM, DUCTS MAY BE SUPPORTED WITH FLAT BAR FORMED TO DUCT SHAPE WITH FIXINGS AT SIDES ON BENT LUGS.

9.0 ALL DUCTWORK BRACKETS TO HAVE AN ACOUSTIC SOFT RUBBER OR NEOPRENE INTERFACE LAYER TO THE DUCT.

10.0 ALL SUPPLY DUCTWORK, INCLUDING SUPPLY PLENUM BOXES TO BE THERMALLY INSULATED.

11.0 ALL REFERENCES TO SPECIFIC MANUFACTURERS ARE MADE FOR DESIGN SPECIFICATION PURPOSES, INSTALLED EQUIPMENT SHOULD BE OF EQUAL STANDARD AND APPROVED.

12.0 SMOKE FIRE DAMPERS SHALL BE INSTALLED WHERE DUCTWORK PASSES THROUGH AN ESCAPE ROUTE AND THESE SHALL BE CONTROLLED VIA A PROPRIETARY SMOKE DAMPER CONTROL SYSTEM. THE CONTROL PANEL FOR THIS SYSTEM SHALL BE INSTALLED ADJACENT THE FIRE ALARM PANEL AND EACH SMOKE FIRE DAMPER SHALL HAVE A 240V POWER SUPPLY PROVIDED ADJACENT TO POWER THE CONTROL ACTUATOR FOR THE DAMPER. EACH DAMPER SHALL BE POWER OPEN/FAIL CLOSE.

LEGEND

- EXTRACT DUCTWORK.
- SUPPLY DUCTWORK.
- FIRE RATED DUCTWORK
- EXTRACT FAN.
- VCD — VOLUME CONTROL DAMPER.
- FD — FIRE DAMPER.
- SFD — SMOKE FIRE DAMPER.
- FB — FILTER BOX.
- LOCAL CONTROLLER
- CEILING FIXED SUPPLY VALVE.
- CEILING FIXED EXTRACT VALVE.
- TG — DOOR TRANSFER GRILLE.
- FD/TG — INTUMESCENT FIRE RATED DOOR TRANSFER GRILLE.
- CO² — CO² MONITOR.
- R.F.B. — RISE FROM BELOW.
- R.T.A. — RISE TO ABOVE.
- D.T. — DROP TO.
- L/L — LOW LEVEL.
- H/L — HIGH LEVEL.
- C/V — CEILING VOID.
- R/V — ROOF VOID.
- AH — 450x450 ACCESS HATCH

Revision	Description	Date
T01	ISSUED FOR TENDER	NOV 23
P02	REVISED COMMENT ISSUE	NOV 23
P01	ISSUED FOR COMMENT	SEPT 23

MEP DESIGN
10 The Hillock, Harwood, Bolton, BL2 3HP
www.mepdesign.co.uk

Client
ALLIED LONDON

Project
UPPER & LOWER CAMPFIELD - DESIGN

Title
MECHANICAL SERVICES
LOWER CAMPFIELD
GROUND FLOOR
VENTILATION INSTALLATION - SHEET 1

Scale 1 : 100 @A1 Drawn W.H.

Project No.	Zone	Originator	Uniclass	Type	Level	Code	Rev
22_023	LC	MEP	G525	PL	00	001	T01