

LEGEND

- EXTRACT DUCTWORK.
- SUPPLY DUCTWORK.
- FIRE RATED DUCTWORK

AREAS TO BE NATURALLY VENTILATED (BASED ON AREAS NOT HAVING A FALSE CEILING INSTALLED)



- EXTRACT FAN.
- VOLUME CONTROL DAMPER.
- FIRE DAMPER.
- SMOKE FIRE DAMPER.
- FILTER BOX.
- LOCAL CONTROLLER.
- CEILING FIXED SUPPLY VALVE.
- CEILING FIXED EXTRACT VALVE.
- DOOR TRANSFER GRILLE.
- INTUMESCENT FIRE RATED DOOR TRANSFER GRILLE.
- 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.

GENERAL NOTES

- THE DRAWING SHALL BE READ IN CONJUNCTION WITH THE SPECIFICATION & ALL OTHER RELEVANT DOCUMENTS & DRAWINGS PROVIDED BY MEP DESIGN.
- THE DRAWING INDICATES THE DESIGN INTENT FOR THE WORKS.
- COORDINATION WORKING DRAWINGS, INSTALLATION DRAWINGS BUILDERS WORK DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR.
- DIMENSIONS SHALL NOT BE SCALED FROM THE DRAWING & THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL DIMENSIONS & LEVELS ON SITE FOR THE ACTUAL SETTINGS OUT OF THE WORKS.

NOTES

- ALL GRILLES AND DIFFUSERS BRANCHES TO HAVE OPPOSED BLADE DAMPERS.
- ALL DUCTWORK TO DW144/DW172 (WHERE APPLICABLE).
- FLEX TO BE USED ONLY STRAIGHT-ALL BENDS TO BE RIGID.
- FIRE DAMPERS TO BE LOCATED IN ACCORDANCE WITH FIRE STRATEGY DRAWING REQUIREMENTS.
- ACCESS DOORS TO BE LOCATED ADJACENT TO FIRE DAMPERS AND EVERY 3M.
- ALL BRANCH CONNECTIONS SHALL HAVE VCD'S.
- ALL DIFFUSERS AND GRILLES TO BE SUPPORTED BY STRUCTURE.
- IN POSITIONS OF RESTRICTED HEADROOM, DUCTS MAY BE SUPPORTED WITH FLAT BAR FORMED TO DUCT SHAPE WITH FIXINGS AT SIDES ON BENT LUGS.
- ALL DUCTWORK BRACKETS TO HAVE AN ACOUSTIC SOFT RUBBER OR NEOPRENE INTERFACE LAYER TO THE DUCT.
- ALL SUPPLY DUCTWORK, INCLUDING SUPPLY PLENUM BOXES TO BE THERMALLY INSULATED.
- ALL REFERENCES TO SPECIFIC MANUFACTURERS ARE MADE FOR DESIGN SPECIFICATION PURPOSES, INSTALLED EQUIPMENT SHOULD BE OF EQUAL STANDARD AND APPROVED.
- 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 TO 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/FALL CLOSE.

PO2	CLIENTS COMMENTS INCORPORATED	SEP 23
PO1	ISSUED FOR COMMENT	SEP 23
Revision	Description	Date

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

Client
ALLIED LONDON

Project
UPPER & LOWER CAMPFIELD - DESIGN

Title
MECHANICAL SERVICES
UPPER CAMPFIELD
MEZZANINE LEVEL
VENTILATION

Scale	1:100 @A1	Drawn	W.H.
Project No.	Zone	Originator	Unit/line
22_023 - UC	- MEP	- GS20 - PL	- M1 - 001 - PO2

UPPER CAMPFIELD MEZZANINE PLAN