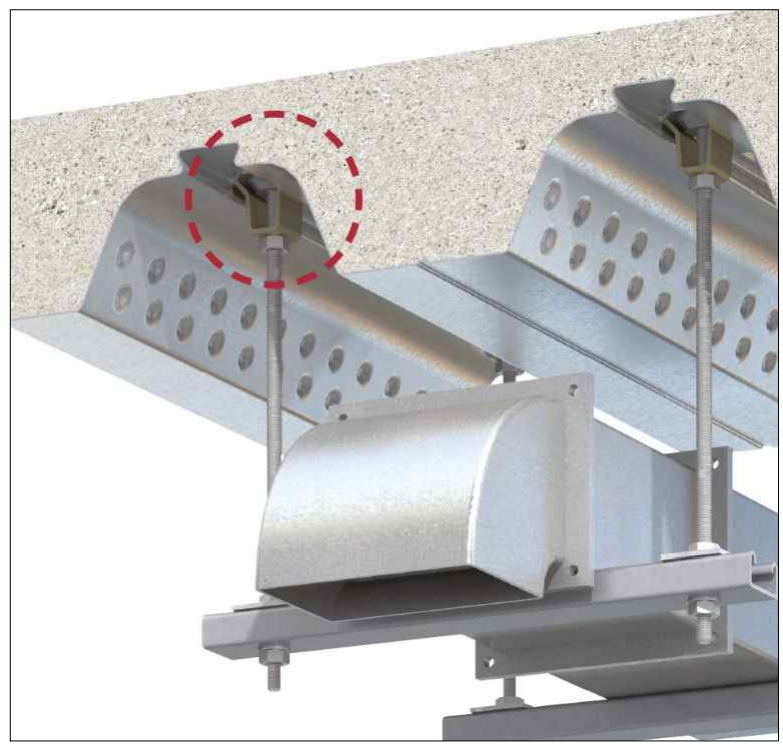
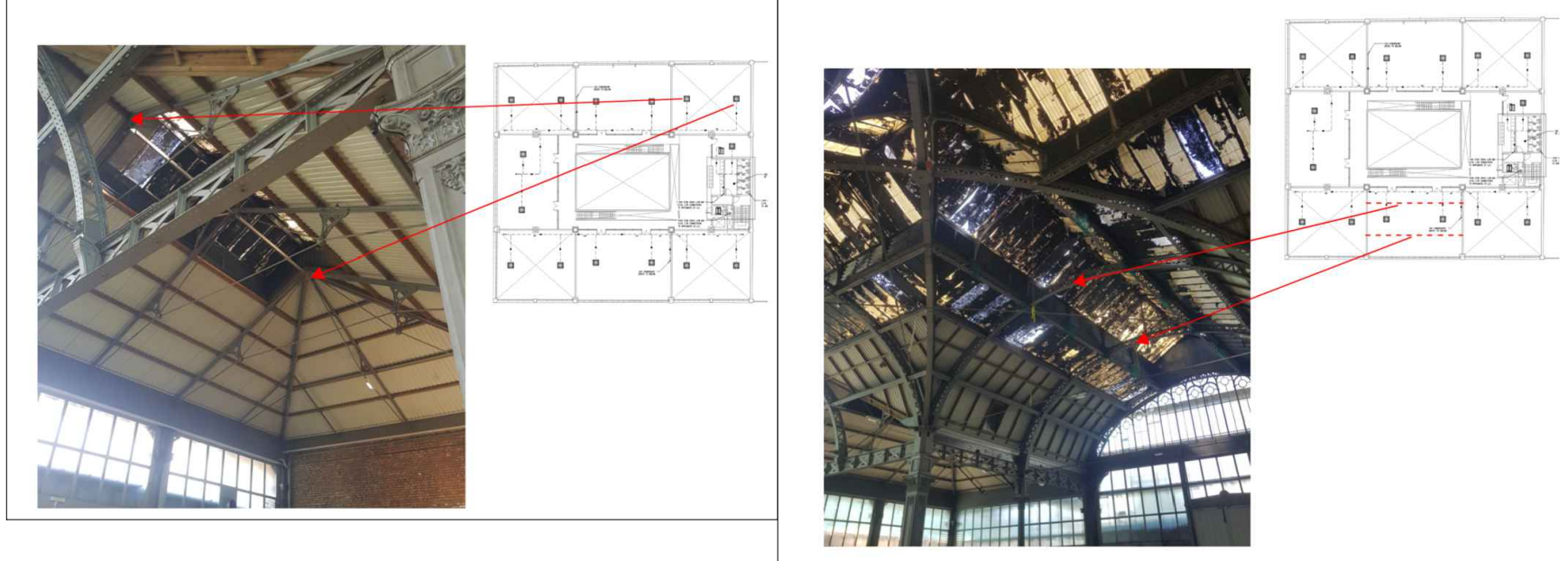
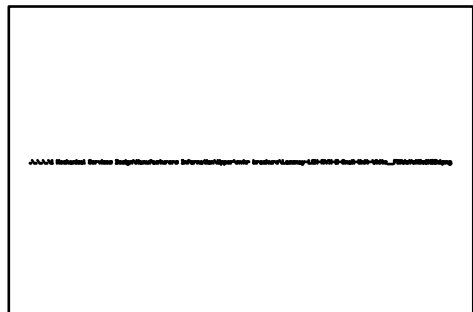
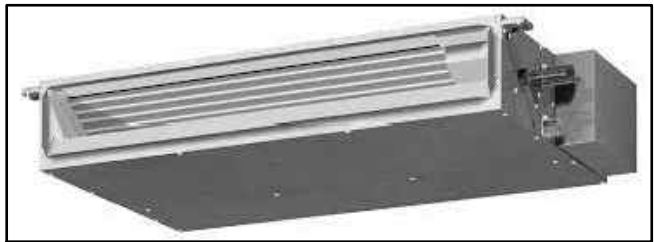




MITSUBISHI CASSETTE UNIT



MITSUBISHI MVHR UNIT



MITSUBISHI FCU UNIT

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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.

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

VRF UNIT FIXING LOCATION
FIXING TO BE VIA PROPRIETARY STEEL CLAMPS CONNECTING TO THE FLANGES OF THE ROOF TRUSS MEMBERS AT THE APEX POINTS

PROPRIETARY RE-ENTRANT FIXING DETAIL

MITSUBISHI MVHR UNIT

MITSUBISHI FCU UNIT

LEGEND

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

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

VRF CASSETTE UNIT SUPPORTED AT THE APEX OF THE ROOF TRUSSES USING PROPRIETARY STEEL CLAMPS.

DESTRATIFICATION FAN AT THE APEX OF THE ROOF TRUSSES USING PROPRIETARY STEEL CLAMPS.

EXTRACT FAN.

VOLUME CONTROL DAMPER.

FIRE DAMPER.

SMOKE FIRE DAMPER.

FILTER BOX.

LOCAL CONROLLER

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.

VENTILATION RATES

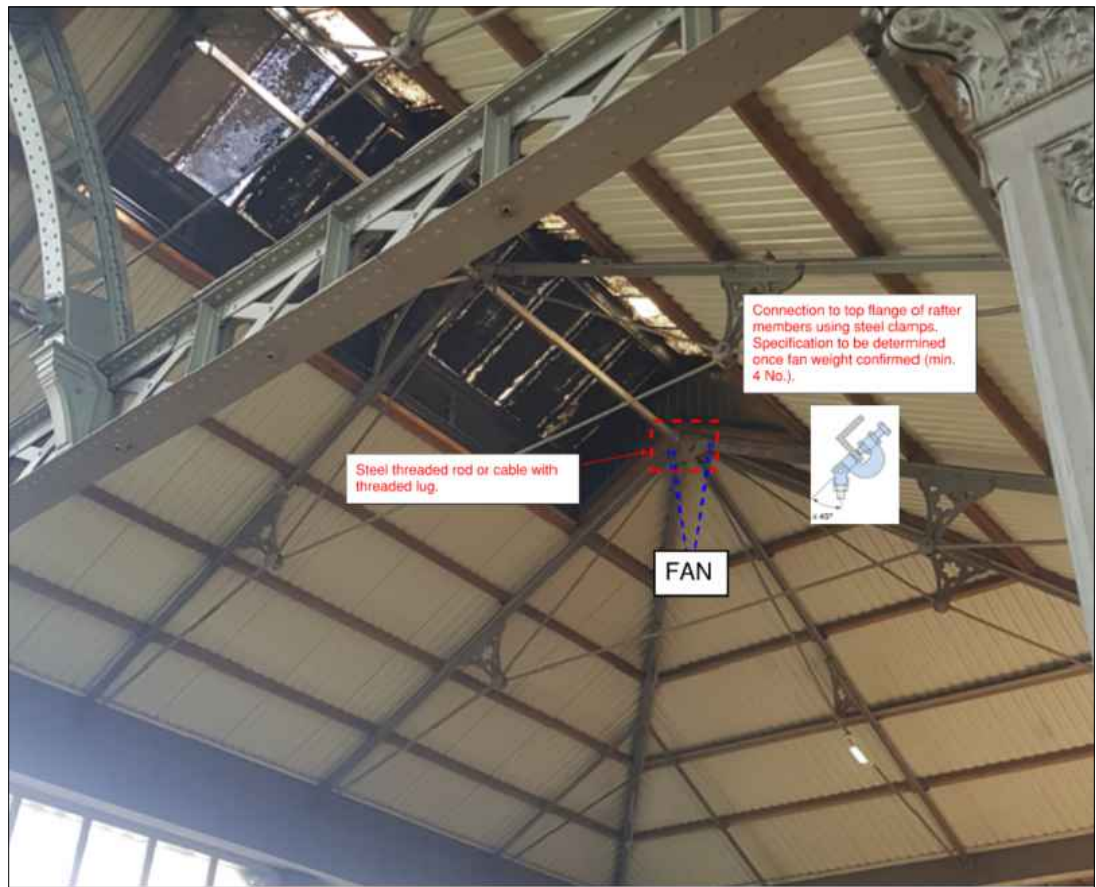
- UPPER CAMPFIELD:
 - STUDIO SPACES: 20 PEOPLE PER STUDIO, NO DIVERSITY.
- MEZZANINE OFFICES: 1 PERSON PER 6m² BUT WITH THE 50% DIVERSITY AS ELSEWHERE.
- OF DRESSING ROOMS/ FLEX SUITES, AND OF PRODUCTION OFFICE: 1 PERSON PER 10m² WITH DIVERSITY.

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 SETTING 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.



PREFERRED CONNECTION POINT/DETAIL FOR FANS

T01	ISSUED FOR TENDER	NOV 23
P03	REVISED COMMENT ISSUE	NOV 23
P02	CLIENTS COMMENTS INCORPORATED	SEP 23
P01	ISSUED FOR COMMENT	SEP 23
Revision	Description	Date

MEP DESIGN
10 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	Uniclass	Type	Level	Code	
22_023	UC	MEP	G520	PL	M1	001	T