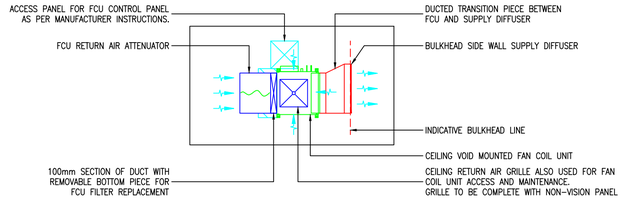

TYPICAL FAN COIL UNIT CLOSE UP DETAIL
(NTS)

GENERAL NOTES

1. THIS DRAWING SHOWS THE DESIGN INTENT ONLY. DESIGN RESPONSIBILITY IS WITH THE MEP CONTRACTOR. THE DRAWING IS SUBJECT TO DETAIL DESIGN AND COORDINATION BY THE MEP CONTRACTOR AND THE PREPARATION OF INSTALLATION DRAWINGS.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL MECHANICAL, ELECTRICAL, ARCHITECTURAL AND STRUCTURAL DRAWINGS, CONTRACT DOCUMENTATION, SCHEDULES AND SPECIFICATION FOR THE WORKS.
3. ALL DIMENSIONS SHOWN ARE IN MILLIMETERS UNLESS OTHERWISE STATED.
4. DO NOT SCALE FROM THIS DRAWING.
5. THIS IS NOT AN INSTALLATION DRAWING.

LEGEND:

	INDICATIVE BULKHEAD LINE
	INDICATIVE AC PIPE ROUTE
	EXTRACT DUCTWORK
	SUPPLY DUCTWORK
FCU	AIR CONDITIONING FAN COIL UNIT
ACC	AIR CONDITIONING CASSETTE UNIT
HRU	MECHANICAL VENTILATION HEAT RECOVERY UNIT
MEV	MECHANICAL EXTRACT VENTILATION UNIT
MVHR	MECHANICAL VENTILATION HEAT RECOVERY UNIT
EG	EXTRACT GRILLE
SD	SUPPLY DIFFUSER
ATT	ATTENUATOR
VCD	VOLUME CONTROL DAMPER
FS	INTUMESCENT FIRE SLEEVE
FD	FIRE DAMPER
FSD	FIRE SMOKE DAMPER
EXH	WEATHER PROOF VENT TERMINAL. (MIN. 0.02m² FREE AREA, MAX. 25Pa PRESSURE DROP AND 60l/s MAX FLOW RATE)
ATV	ACOUSTIC TRICKLE VENT – MIN. 4000mm² (ACOUSTIC PERFORMANCE TBC BY SPECIALIST)

NOTES:

1. WHERE EXH AND ATV SHARE THE SAME FACADE PANEL, 300mm CLEAR SEPARATION TO BE PROVIDED BETWEEN EXH AND ATV.
2. ASSUMED NATURAL PURGE VENTILATION PROVIDED VIA OPENING WINDOWS.
3. FOR MVHR/HRU SYSTEMS, ALL INTAKE AND EXHAUST DUCTWORK INSULATED USING 25mm MINERAL WOOL INSULATION (0.04W/m.K). FOR MEV SYSTEMS, THE DUCTWORK FROM THE LOUVRE CONNECTION WILL BE INSULATED USING 25mm MINERAL WOOL INSULATION (0.04W/m.K). IN ACCORDANCE WITH THE DOMESTIC VENTILATION COMPLIANCE GUIDE.
4. ALL AIR VALVES TO BE ADJUSTABLE TYPE.
5. NO INSECT MESH TO BE INSTALLED ON LOUVRES.

Rev	Description	Date	Initial
P01	INITIAL DESIGN	30/01/24	S.R.

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CLIENT:
DOWNING PROPERTY SERVICES
5 MYRTLE STREET
LIVERPOOL
L7 7DN

FIRST STREET
MANCHESTER

BLOCK C
LEVEL 01
VENTILATION STRATEGY LAYOUT

Drawing Number	FSS-ABA-ZC-01-DR-M-57001		Revision P01
Drawing Status	RIBA STAGE 2		Scale 1:100 @ A1
Drawn S.R.	Checked S.B.	Approved P.A.	Date JAN 2024