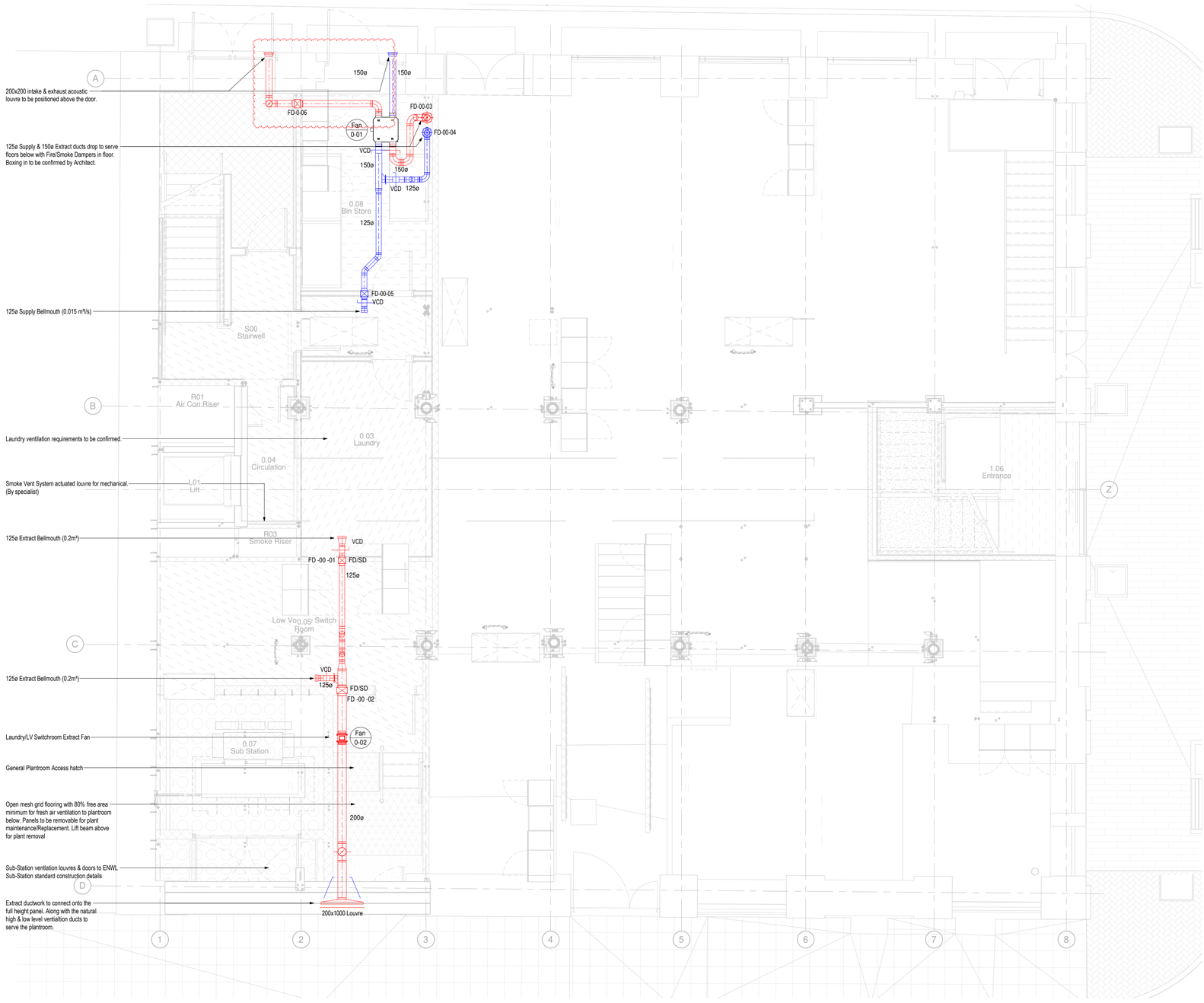
Job No.	Drawing No.	Rev
PA1338	M-301	C09

Damper Ref	Level	No	Duct Size (mmØ)	Model / Type /	Series	Require Fire/Smoke Damper Rating (Hours)	Actuated or Fusible Link	Visual Position Indicator	Mounting Orientation	Installation Frame
FD	0	1	125	BSB/FSD-TD	125	1	Actuated	Y	Wall	I/F
FD	0	2	200	BSB/FSD-TD	200	1	Actuated	Y	Wall	I/F
FD	0	3	150	BSB/FSD-TD	150	1	Actuated	Y	Floor	I/F
FD	0	4	125	BSB/FSD-TD	125	1	Actuated	Y	Floor	I/F
FD	0	5	125	BSB/FSD-TD	125	1	Actuated	Y	Wall	I/F
FD	0	6	150	BSB/FSD-TD	150	1	Actuated	Y	Wall	I/F

Notes
Fire dampers selection have been based on the manufacturer Actionair Ltd (alternatives to be equal and approved).
Prior to order, fire dampers No's to be checked against the latest fire strategy report/drawings.
Actuated fire/smoke dampers are to be controlled via a smoke damper control panel. Control panel shall come complete with a BMS output relay, Global Test/Normal/Override keyswitch, and linked to the fire alarm panel. The control panel to be of type 'Actionpac EMS'
Proposed damper connection boxes shall be factory fitted and pre-wired to failsafe actuators of type Mode 5 PTC SMK ETR 72°C 24V.
All failsafe actuators are proposed to be of type Mode 5 PTC SMK ETR 72°C 24V.
All electrical requirements are to be advised to the electrical contractor.
Fire damper control panel to be linked to fire alarm, and monitored for fault conditions via the BMS panel.



Fan Reference	Duty (l/s)	Pd	Type	Manufacture	Model
FAN-0-01	44	150	MVHR	Vent Axia	Integra Plus EC
FAN-0-02	40	200	Extract	Vent Axia	ACP 20012

Ecosmart Controls

Fan Schedule

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Do NOT scale from this drawing, work only to figured dimensions. All dimensions in millimetres unless otherwise stated.

This drawing has been created electronically, do NOT modify by hand

Notes

1. This drawing shall be read in conjunction with all other services, Architectural drawings, project specifications and contract documentation.
2. All grilles and diffusers to have opposed blade dampers.
3. All ductwork to DW144/DW172 (where applicable).
4. Flex to be used only straight-all bends to be rigid.
5. Fire/Smoke dampers to be located in accordance with fire strategy drawing requirements as Fire Engineers report.
6. Access doors to be located adjacent to fire dampers and every 3m.
7. All branch connections shall have VCD's.
8. All diffusers and grilles to be supported by structure.
9. In positions of restricted headroom, ducts may be supported with flat bar formed to duct shape with fixings at sides on bent lugs.
10. All ductwork brackets to have an acoustic soft rubber or neoprene interface layer to the duct.
11. All supply ductwork, including supply plenum boxes to be thermallyinsulated.
12. All references to specific manufacturers are made for design specification purposes, installed equipment should be of equal standard and approved.
13. All fan coil units are to be fitted with 22mm condensate drains and pumps.
14. All louvres to be 50% free area.
15. All motorised volume control dampers are to be controlled based on CO2 level by a local CO2 sensor within its dedicated zone.

Rev	By	Date	Description
C09	SS	18.03.21	Bin Store Ventilation Updated
C08	SS/JF	01.12.20	Stage 5 Issue.
C07	SS	14.10.20	Stage 5 Issue. SCL comments incorperated.
C06	SS	28.09.20	Stage 5 Issue.
C05	SC	16.03.20	Ventilation updated inline with latest architects model. Bin store updated.
C04	JM	19.02.20	Fire damper references and schedule added.
C03	JM	06.08.19	Drawing number amended.
C02	JM	16.07.19	Stage 5 Issue
C01	JM	24.06.19	Stage 5 Issue

Seddon

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Client
Seddon

Project
Chorlton Street Hotel

Drawing title
Ground Floor Ventilation Layout

Drawn	Date	Revit File Path
JF	12/06/18	PA1338 Chorlton Street R18
Checked		
SS		
Approved		Scale
SS		1:50 @ A1

Project No.	Drawing number	Rev
PA1338	M-301	C09