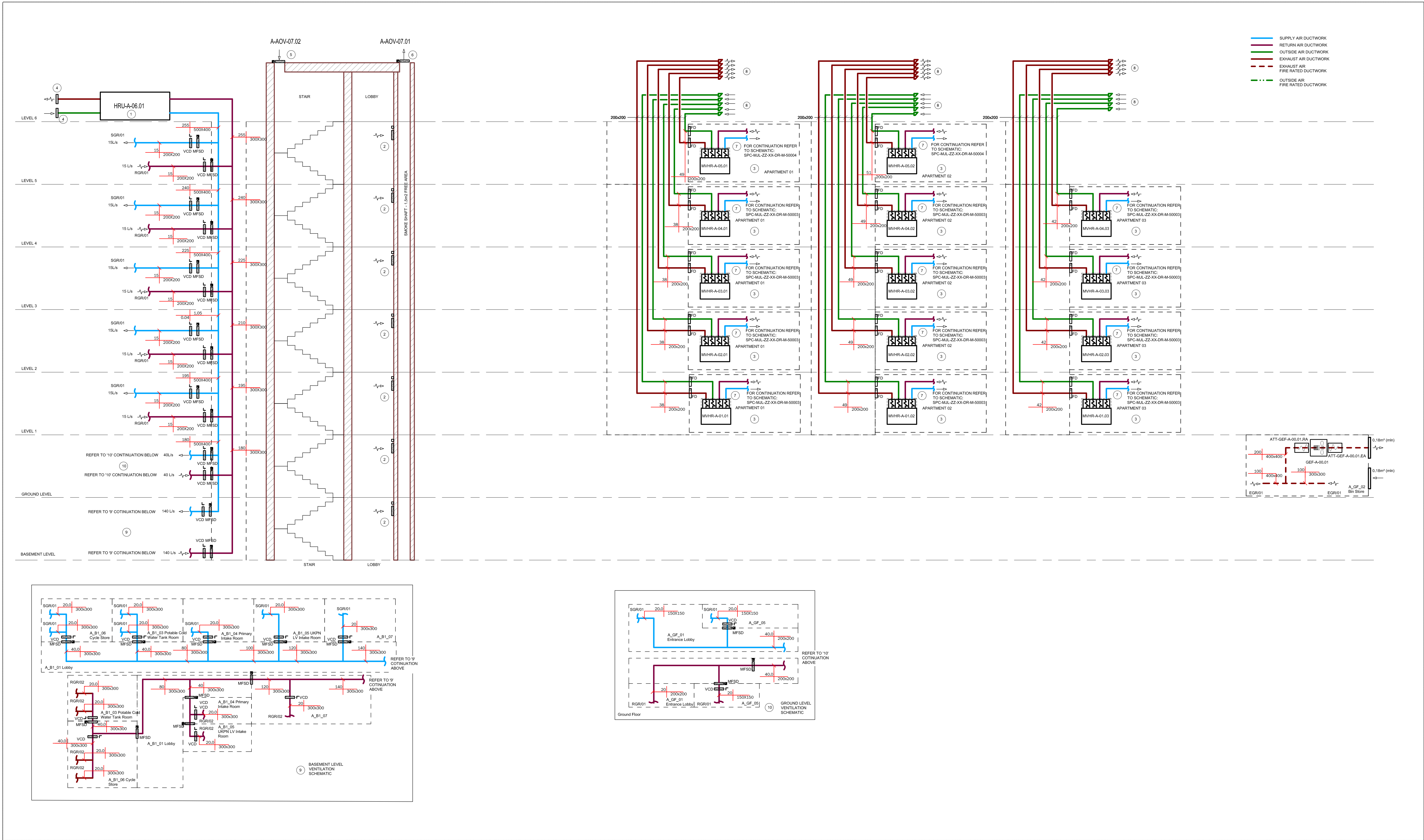




- Notes:
- Do not scale. Verify all dimensions by site measurement.
 - This drawing is to be read in conjunction with all relevant drawings and specifications.
 - For Mechanical Symbols Legend refer to drawing No. SPC-MJL-ZZ-XX-DR-M-05000
 - Flow rates shown are worst case 'overheating mode'.

Flow Rate (l/s) | Duct Size (mm)

No.	DESCRIPTION
1	HEAT RECOVERY UNIT SERVING COMMON LOBBY AREAS AND BASEMENT.
2	SMOKE CLEARANCE SHAFT WITH RECESSED INTEGRAL AUTOMATIC ACTUATED OPENING VENTILATION DOOR WITH MIN. 1.5m ² FREE AREA
3	MECHANICAL WHOLE HOUSE VENTILATION UNIT INSTALLED WITHIN UTILITY CUPBOARD AT HIGH LEVEL COMPLETE WITH ATTENUATION PACK CONDENSATE DRIP TRAY AND DRAINAGE TO ADJACENT SOIL STACK (REFER PH INFORMATION)
4	0.15m ² MINIMUM FREE AREA WEATHERPROOF DISCHARGE LOUVRE WITH VERMIN PROOF MESH
5	HEAD OF STAIR AOV TO HAVE MINIMUM FREE AREA OF 1.5m ²
6	HEAD OF SHAFT AOV TO HAVE MINIMUM FREE AREA OF 1.5m ² . OPENING TO BE A MINIMUM OF 500mm ABOVE HIGHEST OBSTRUCTION WITHIN 2000mm AND 2.500mm FROM CEILING OF HIGHEST LEVEL SERVED
7	PROPRIETARY, PRE-FABRICATED MVHR ACOUSTIC PACK TO ACHIEVE INTERNAL NOISE RATING REQUIREMENTS
8	BIRDS BEAK TO BE WEATHERPROOF AND COMPLETE WITH VERMIN PROOF MESH
9	BASEMENT VENTILATION SCHEMATIC
10	GROUND LEVEL VENTILATION SCHEMATIC

P01	26/11/21	STAGE 4A ISSUE	TC	DA
REV	DATE	REVISION	DRN	CHK

Stage 4 Consultant: **Norman Disney & Young** Architects
Architect: **Caruso St John Architects**

Client: **Westminster Real Estate**

Project: **St Pancras Campus**

Status: **STAGE 4A ISSUE**

Drawing Title: **Mechanical Services Residential Affordable VENTILATION SCHEMATIC**

MJL Michael J. Lonsdale Limited 2024
Chapman BDSP
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Design: Ventilation	Design: SPC-MJL-ZZ-XX-DR-M-50002	Site Reference: N/A
Checked By: TC	Checked Date: 10/12/2021	M.E. Project No: ME 2551
Approved By: DA	Approved Date: 10/12/2021	Client Project No: TBC
Author: TC	Drawn: Suitability Code: S3	Scale: N/A

Drawing Number: SPC-MJL-ZZ-XX-DR-M-50002	Revision: P01
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Notes:



Notes

- Do not scale. Verify all dimensions by site measurement.
- This drawing is to be read in conjunction with all relevant drawings and specifications.
- For Mechanical Symbols Legend refer to drawing No. SPC-MUL-ZZ-XX-DR-M-05000
- Flow rates shown are worst case 'overheating mode'.

Flow Rate (l/s) | Duct Size (mm)

GENERAL NOTES

DO NOT SCALE. VERIFY ALL DIMENSIONS BY SITE MEASUREMENT.
THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS AND SPECIFICATIONS.
REFER LAYOUT FOR GRILLE TYPES AND DUCT SIZES

No. DESCRIPTION

- HEAT RECOVERY UNIT SERVING COMMON LOBBY AREAS AND BASEMENT.
- SMOKE CLEARANCE SHAFT WITH RECESSED INTEGRAL AUTOMATIC ACTUATED OPENING VENTILATION DOOR WITH MIN. 1.5m² FREE AREA
- MECHANICAL WHOLE HOUSE VENTILATION UNIT INSTALLED WITHIN UTILITY CUPBOARD AT HIGH LEVEL. COMPLETE WITH ATTENUATION PACK, CONDENSATE DRIP TRAY AND DRAINAGE TO ADJACENT SOIL STACK (REFER PH INFORMATION)
- 0.15m² MINIMUM FREE AREA WEATHERPROOF DISCHARGE LOUVRE WITH VERMIN PROOF MESH
- HEAD OF STAIR AOY TO HAVE MINIMUM FREE AREA OF 1.5m².
- HEAD OF SHAFT AOY TO HAVE MINIMUM FREE AREA OF 1.5m². OPENING TO BE A MINIMUM OF 500mm ABOVE HIGHEST OBSTRUCTION WITHIN 2000mm AND 2.500mm FROM CEILING OF HIGHEST LEVEL SERVED
- PROPRIETARY, PRE-FABRICATED MVHR ACOUSTIC PACK TO ACHIEVE INTERNAL NOISE RATING REQUIREMENTS
- BIRDS BEAK TO BE WEATHERPROOF AND COMPLETE WITH VERMIN PROOF MESH
- BASEMENT VENTILATION SCHEMATIC
- GROUND LEVEL VENTILATION SCHEMATIC

P01 10/12/21 STAGE 4A ISSUE TC DA
REV: DATE: REVISION: DRN: CHK

Stage 4 Consultant: **Norman Disney & Young** Architect: **Caruso St John Architects**

Client: **Westminster Real Estate**

Project: **St Pancras Campus**

Status: **STAGE 4A ISSUE**

Drawing Title: **MECHANICAL SERVICES RESIDENTIAL MARKETABLE VENTILATION SCHEMATIC**

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Originator Ventilation	Originator (CAD Bureau) CHAPMANBDSP	Site Reference N/A
Checked By TC	Checked Date 10/12/2021	MUL Project No. ME 2831
Approved By TC	Approved Date 10/12/2021	Client Project No. TBC
Author TC	Shared Sustainability Code S3	Scale N/A

Drawing Number: **SPC-MUL-ZZ-XX-DR-M-50023** Revision: **P01**

