

AO DO NOT SCALE

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NOTES:

- 1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE M&E SPECIFICATIONS, SCHEDULES AND ALL OTHER DRAWINGS.
- 2. THE CONTRACTOR IS RESPONSIBLE FOR CO-ORDINATION OF ALL MECHANICAL SERVICES WITH ALL OTHER SERVICES AND THE BUILDING
- STRUCTURE. 3. ALL DUCTWORK ABOVE CEILINGS TO BE OF
- GALVANISED STEEL CONSTRUCTION. 4. THE CONTRACTOR IS RESPONSIBLE FOR FIRE-STOPPING OF ALL MECHANICAL SERVICES PENETRATIONS THROUGH FIRE COMPARTMENTS IN ACCORDANCE WITH THE MECHANICAL SPECIFICATION. THE CONTRACTOR SHALL PROVIDE FIRE DAMPERS, COMPLETE WITH BUILT-IN FRAMES FOR FIXING TO THE BUILDING STRUCTURE AS REQUIRED, IN ACCORDANCE WITH THE CURRENT ARCHITECTS FIRE STRATEGY DRAWINGS. 5. FLEXIBLE VENTILATION DUCTWORK SHALL ONLY BE
- USED FOR THE FINAL CONNECTIONS TO THE GRILLES. ALL EXCESS FLEXIBLE DUCTWORK SHALL BE CUT BACK TO A MINIMUM OF 500MM WHEN MAKING FINAL CONNECTIONS.
- 6. EXACT LOCATIONS OF AIRBRICKS/LOUVRES TO BE AGREED WITH ARCHITECT AND HISTORIC BUILDING
- INSTALLED, TESTED & COMMISSIONED IN STRICT ACCORDANCE WITH DW144, DW143, DW151, DW171, DW/TM2, DW/TM3, TR/17 & CIBSE COMMISSIONING CODES. 8. ACCESS DOORS SHALL BE PROVIDED ADJACENT

7. ALL DUCTWORK SHALL BE MANUFACTURED,

- ALL FIRE DAMPERS, VOLUME CONTROL DAMPERS AND HEATER BATTERIES, EITHER SIDE OF AIR TURNS & AT LEAST 4M INTERVALS ON DUCT 9. ALL BRANCH CONNECTIONS SHALL BE PROVIDED
- WITH VCDS TO FACILITATE BALANCING IN ACCORDANCE WITH ALL RELEVANT CIBSE CODES AND GOOD PRACTICES. 10. ALL FANS AND VENTILATION UNITS SHALL BE INSTALLED WITHIN ACCESSIBLE LOCATIONS WITH
- DUE REGARD TO THE MANUFACTURER'S MAINTENANCE SPACE RECOMMENDATIONS. 11. THESE DRAWINGS ARE TECHNICAL DESIGN DRAWINGS. FINAL SETTING OUT DIMENSIONS, FIXING
- BRACKETS, SUPPORTS ETC. ARE TO BE SHOWN ON THE CONTRACTORS INSTALLATION DRAWINGS. 12. ALL DUCTWORK TO BE IDENTIFIED IN ACCORDANCE WITH BS1710.
- 13. ALL SUPPLY AIR (AND EXTRACT WHERE ON A HEAT RECOVERY SYSTEM) DUCTWORK WITHIN RISERS AND PLANT SPACES AND CEILING VOIDS TO BE INSULATED. INTAKE AND EXHAUST DUCTWORK TO BE INSULATED AND VAPOUR SEALED AGAINST CONDENSATION WHERE LOCATED IN HEATED / INTERNAL SPACES.
- 14. ALL LOUVRES AND ROOF COWLS SHALL BE FITTED WITH BIRD MESH AND INSECT SCREENS. ACCESS PANELS TO BE INSTALLED IN CONNECTING DUCTWORK TO ALLOW CLEANING. ALL LOUVRES SHALL BE SUITABLE FOR INTEGRATION INTO COMPOSITE ARCHITECTURAL PANELS — AS ARCHITECTS SPECIFICATION. EXACT LOCATIONS OF AIRBRICKS/LOUVRES TO BE AGREED WITH ARCHITECT.
- 15. THE CONTRACTOR SHALL PROVIDE ALL VENTILATION SYSTEM ATTENUATION AS REQUIRED IN ACCORDANCE WITH THE ACOUSTIC RECOMMENDATIONS.
- 16. ALL DOOR TRANSFER GRILLES AND DOOR UNDERCUTS TO BE PROVIDED AS NECESSARY FOR VENTILATION RETURN AIR PATH. THE CONTRACTOR WILL NEED TO TAKE IN CONSIDERATION OF ACOUSTIC AND FIRE STRATEGY REPORT TO SATISFY ALL REQUIREMENTS, DOOR UNDERCUTS SHALL BE A MINIMUM OF 10MM AND SHALL NOT EXCEED A MAXIMUM OF 15MM.

ALL DIMENSIONS, LEVELS AND CLEARANCES TO BE CHECKED ON SITE PRIOR TO WORKS COMMENCING THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER PROJECT RELATED DRAWINGS, SPECIFICATIONS AND DOCUMENTS AS PART OF A SINGLE PROJECT PACKAGE. ANY DISCREPANCY BETWEEN THIS DRAWING, OTHER DRAWINGS FORMING PART OF THIS CONTRACT, OR ORDERING OF ANY MATERIALS.

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NOTES	
LEGEND:	
	SUPPLY AIR
	EXTRACT AIR
\otimes	AIR VALVE - SUPPLY
\bigcirc	AIR VALVE - EXTRACT
	GRILLE - SUPPLY
	GRILLE - EXTRACT

VOLUME CONTROL DAMPER FIRE DAMPER DOOR TRANSFER GRILLE HEATER BATTERY SINGLE INLINE/AXIAL FAN

TWIN INLINE/AXIAL FAN VERTICALLY MOUNTED AXIAL FAN/ FAN IN RISER TWIN FAN EXTRACT UNIT

MVHR UNIT ATTENUATOR

ABBREVIATIONS:

F.A. — FROM ABOVE

F.B. — FROM BELOW T.A. – TO ABOVE

VCD - VOLUME CONTROL DAMPER NRD - NON-RETURN DAMPER FD — FIRE DAMPER SD — SMOKE DAMPER CTA - CROSS-TALK ATTENUATOR

C03 24.09.21 RH AM RG Outdoor Unit Positions Amended
C02 20.09.21 RH AM RG Louvre Locations Amended
C01 27.08.21 RH AM RG Tender Issue
P01 05.08.21 RH AM RG Stage 3 - Preliminary Issue for Comments
Rev Date By Chk Apr Comment

FRANKHAM Frankham Consultancy Group Limited N OFFICE
Third Floor
Baird House
15-17 St Cross Street
London EC1N 8UW
T: 020 7651 0790

STEVENAGE OFFICE
Suite 237, Second Floor
Kings Court Business Centre
London Road, Stevenage
Hertfordshire SG1 2NG
T:020 3714 7063

London Borough of Camden

Crowndale Centre Coroners Court

Drawing Title:

Second Floor Mechanical Services Proposed Ventilation Layout

TENDER ISSUE Drawn By: Designed By: Checked By: Approved By RH AM RG

Original Issue Date: Scale @ A0: 05/08/2021 1:50 522200 Type Discipline Number Suitability Revision
DR M 5701 D2 C03

24/09/2021 10:12:37