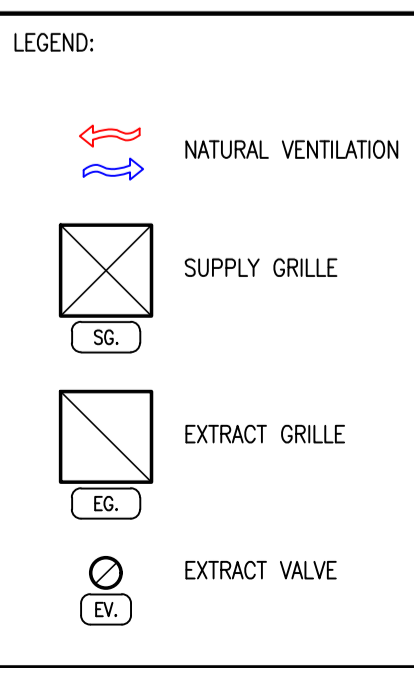


VENTILATION NOTES:

- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE M&E SPECIFICATIONS, SCHEDULES AND ALL OTHER DRAWINGS.
- THE CONTRACTOR IS RESPONSIBLE FOR CO-ORDINATION OF ALL MECHANICAL SERVICES WITH ALL OTHER SERVICES AND THE BUILDING STRUCTURE.
- ALL DUCTWORK ABOVE CEILINGS TO BE OF GALVANISED STEEL CONSTRUCTION.
- 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.
- 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.
- ALL DUCTWORK SHALL BE MANUFACTURED, INSTALLED, TESTED & COMMISSIONED IN STRICT ACCORDANCE WITH DW144, DW143, DW151, DW171, DW/TM2, DW/TM3, TR17 & CIBSE COMMISSIONING CODES.
- ACCESS DOORS SHALL BE PROVIDED ADJACENT ALL FIRE DAMPERS, VOLUME CONTROL DAMPERS AND HEATER BATTERIES, EITHER SIDE OF AIR TURNS & AT LEAST 4M INTERVALS ON DUCT ROUTES.
- ALL BRANCH CONNECTIONS SHALL BE PROVIDED WITH VCD'S TO FACILITATE BALANCING IN ACCORDANCE WITH ALL RELEVANT CIBSE CODES AND GOOD PRACTICES.
- ALL FANS AND VENTILATION UNITS SHALL BE INSTALLED WITHIN ACCESSIBLE LOCATIONS WITH DUE REGARD TO THE MANUFACTURER'S MAINTENANCE SPACE RECOMMENDATIONS.
- THESE DRAWINGS ARE TECHNICAL DESIGN DRAWINGS. FINAL SETTING OUT DIMENSIONS, FIXING BRACKETS, SUPPORTS ETC. ARE TO BE SHOWN ON THE CONTRACTORS INSTALLATION DRAWINGS.
- ALL DUCTWORK TO BE IDENTIFIED IN ACCORDANCE WITH BS1710.
- 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.
- 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.
- THE CONTRACTOR SHALL PROVIDE ALL VENTILATION SYSTEM ATTENUATION AS REQUIRED IN ACCORDANCE WITH THE ACOUSTIC RECOMMENDATIONS.

- NOTES
- ALL EXISTING DUCTWORK TO BE CLEANED, TESTED AND RECOMMISSIONED BY THE CONTRACTOR.
  - ALL POSITIONS OF GRILLES SHOWN ARE INDICATIVE & SUBJECT TO VALIDATION BY THE CONTRACTOR.
  - PROPOSED NEW GRILLES ARE TO BE POSITIONED IN THE SAME LOCATION AS EXISTING.
  - CONTRACTOR TO CHECK DUCTWORK INSTALLATION AND DUCTWORK SIZES REQUIRED FOR ALL NEW CEILING GRILLES AND VALVES.
  - CONTRACTOR TO PROVIDE AND INSTALL SUITABLE SIZED PLENUM BOXES.

- AHU's TO BE PROVIDED WITH MANUFACTURERS MATCHING ROOM SIDE ATTENUATORS.
- FOR EASE OF MAINTENANCE, ACCESS TO ALL AHU COMPONENTS ARE FROM BENEATH THE UNITS.



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 THE SPECIFICATION / BILLS OF QUANTITIES MUST BE CLARIFIED BEFORE COMMENCEMENT OF ANY WORK OR ORDERING OF ANY MATERIALS.

PLEASE CONSULT THE AUTHOR OR PROJECT MANAGER SHOULD THE READER REQUIRE CLARIFICATION ON ANY PART OF THIS DRAWING.

THE COPYRIGHT OF THE DRAWING AND DESIGN IS THE PROPERTY OF THE COMPANY. THIS INFORMATION HAS BEEN ISSUED UNDER SPECIFIC TERMS FOR THIS PROJECT AND MAY ONLY BE USED AND REPRODUCED ACCORDINGLY.

Rev	Date	By	Chk	Appr	Comment
001	02.10.20	MR	SH	AM	Tender Issue

**BRINGING IDEAS TO LIFE**

**FRANKHAM**

**Frankham Consultancy Group Limited**  
E: enquiry@frankham.com  
www.frankham.com

**STOUP OFFICE**  
Five Arches Business Park  
Maldstone Road  
Stoupe, Kent DA14 5AE  
T: 020 8309 7777

**LONDON OFFICE**  
Third Floor  
Barr House  
15-17 St Cross Street  
London EC1N 8JH  
T: 020 7651 0790

**OXFORD OFFICE**  
Wootton Business Park  
Beesley Road  
Wootton, Abingdon  
Oxfordshire OX13 1FD  
T: 01865 322500

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

Project Title:  
**LFB - Euston Fire Station Heating Replacement**

Drawing Title:  
**Mechanical Services Ground Floor Proposed Ventilation Layout**

Client:  
**LFB LONDON FIRE BRIGADE**

Drawn By: **DK** | Designed By: **MR** | Checked By: **SH** | Approved By: **AM**

Original Issue Date: **20/10/2020** | Scale @ A1: **1:50**

Status: **TENDER ISSUE**

Job No/ File Ref	Originator	Zone	Level	Type	Discipline	Number	Suitability	Revision
227637	FCG	MB	00	DR	M	5702	D2	C01