

- NOTES
- DO NOT SCALE FROM THIS DRAWING
 - ALL DIMENSIONS TO BE CHECKED ON SITE BY THE CONTRACTOR PRIOR TO PREPARATION OF SHOP DRAWINGS, FABRICATION OF PARTS, ORDERING MATERIALS OR COMMENCEMENT OF WORKS
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANTS DRAWINGS, SPECIFICATIONS AND SCHEDULES
 - ANY PENETRATION THROUGH FLOOR, SIDE, STRUCTURAL ENGINEERS' APPROVAL BEFORE COMMENCEMENT
 - ALL PLANT AND EQUIPMENT SHALL BE INSTALLED FULLY IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS
1. ALL FAN INSTALLATIONS TO BE COMPLETE WITH ALL ACCESSORIES, CONTROLS AND FITTINGS TO PROVIDE A COMPLETE AND FUNCTIONAL INSTALLATION
2. ALL VENTILATION SYSTEMS AND COMPONENTS TO BE INSTALLED, TESTED AND COMMISSIONED IN ACCORDANCE WITH BUILDING REGULATIONS APPROVED DOCUMENT 'F'
3. ALL DUCTWORK SHALL BE INSTALLED RIGID PVC UNLESS OTHERWISE STATED
4. ALL DUCTWORK TO BE MANUFACTURED AND INSTALLED IN ACCORDANCE WITH BS444
5. CONTRACTOR TO ENSURE CODE CUTS THROUGH JOISTS ARE SUITABLE TO ACCOMMODATE THE DUCTWORK
6. ALL DUCT RIGID ASSUME CLEAR PATHS THROUGH CEILING VOIDS ARE NOT ALLOWED FOR EXHAUSTION THROUGH JOISTS
7. FLEXIBLE DUCTING HAS BEEN ALLOWED FOR THE FINAL UNIT AS WE ARE NOT IN POSSESSION OF A FIRE STRATEGY OR ACOUSTIC REPORT AT THIS STAGE
8. CONDENSATE DRAIN PIPING WILL BE REQUIRED IN 25mm. THIS IS TO BE SUPPLIED BY THE CONTRACTOR. ALL CONDENSATE PIPING IS TO BE INSULATED WITHIN A COLD SPACE AND HAVE A MINIMUM FALL OF 1% TO DRAINAGE
9. ALL DUCTING WITHIN AN UNHEATED SPACE MUST BE INSULATED IN ACCORDANCE WITH PART 'F' OF THE 2019 BUILDING REGULATIONS. FRESH AIR INTAKE AND EXHAUST AIR LINES ARE TO BE FULLY INSULATED BACK TO THE UNIT
10. A MINIMUM DISTANCE OF 500mm IS REQUIRED BETWEEN EACH SPOUT OFF THE UNIT AND ANY DUCTWORK FITTING. FLEXIBLE DUCT SHOULD BE PULLED TIGHT WITH SMOOTH BENDS ONLY
11. PLEASE NOTE TO COMPLY WITH CURRENT BUILDING REGULATIONS MANUAL EXIST SWITCHES ARE TO BE PROVIDED TO EACH RET AREA. THESE ARE TO BE PROVIDED AND FITTED BY THE CONTRACTOR
12. SUPPLY AND EXTRACT VALVES SHALL BE COMMISSIONED / TRIMMED AT THE SPILLE TO ENSURE THE CORRECT FLOW RATE IS ACHIEVED
13. BETWEEN EACH RISE AND FALL BETWEEN FLOOR LEVELS, ALL MECHANICAL & ELECTRICAL CONTRACTORS SHALL ALLOW FOR OFFSETS DURING INSTALLATION
14. WORKSPACE OFFICES OFFICES SUPPLY AND EXTRACT GRILLES SHALL BE USED TO THE SIZE OF ROOMS WITHIN THE SPACE VIA FIRE RATED GRILLES C/W FIRE/RADIAN DAMPER

- LEGEND
- EXTRACT DUCTWORK
 - SUPPLY DUCTWORK
 - ADJUSTABLE AIR VALVE
 - FIRE COLLAR
 - EXTERNAL LOUVER / AIRBRICK
 - TERMINAL (B.C BY ARCHITECT)
 - RECIRCULATING COOKER HOOD MODEL (B.C BY ARCHITECT / INTERIOR DESIGNER)
 - DOOR TRANSFER GRILLE
 - LINEAR SLOT DIFFUSER
- ABBREVIATIONS
- L/L - LOW LEVEL
 - R/A - RISE TO ABOVE
 - F/B - FROM BELOW
 - C/V - CEILING VOID
 - D/L - DROP TO LOW LEVEL
 - D/A - DROP FROM ABOVE

FOR COMMENT
NOT FOR SITE USE

Rev	Description	Date
09.03.23	UNIT D KITCHEN SUPPLY AND EXTRACT	16.01.20
11.04.23	TENDER ISSUE	15.01.20
07.02.23	TENDER ISSUE	14.01.20
25.11.21	REVISIONS LAYOUT UPGRADED VENTILATION AMENDED TO SUIT	13.01.20
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Project
**LONDON ROAD FIRE STATION
FIRE STATION, LONDON ROAD,
MANCHESTER, M1**

Drawing Title
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FIRST FLOOR
VENTILATION LAYOUT**

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TENDER

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