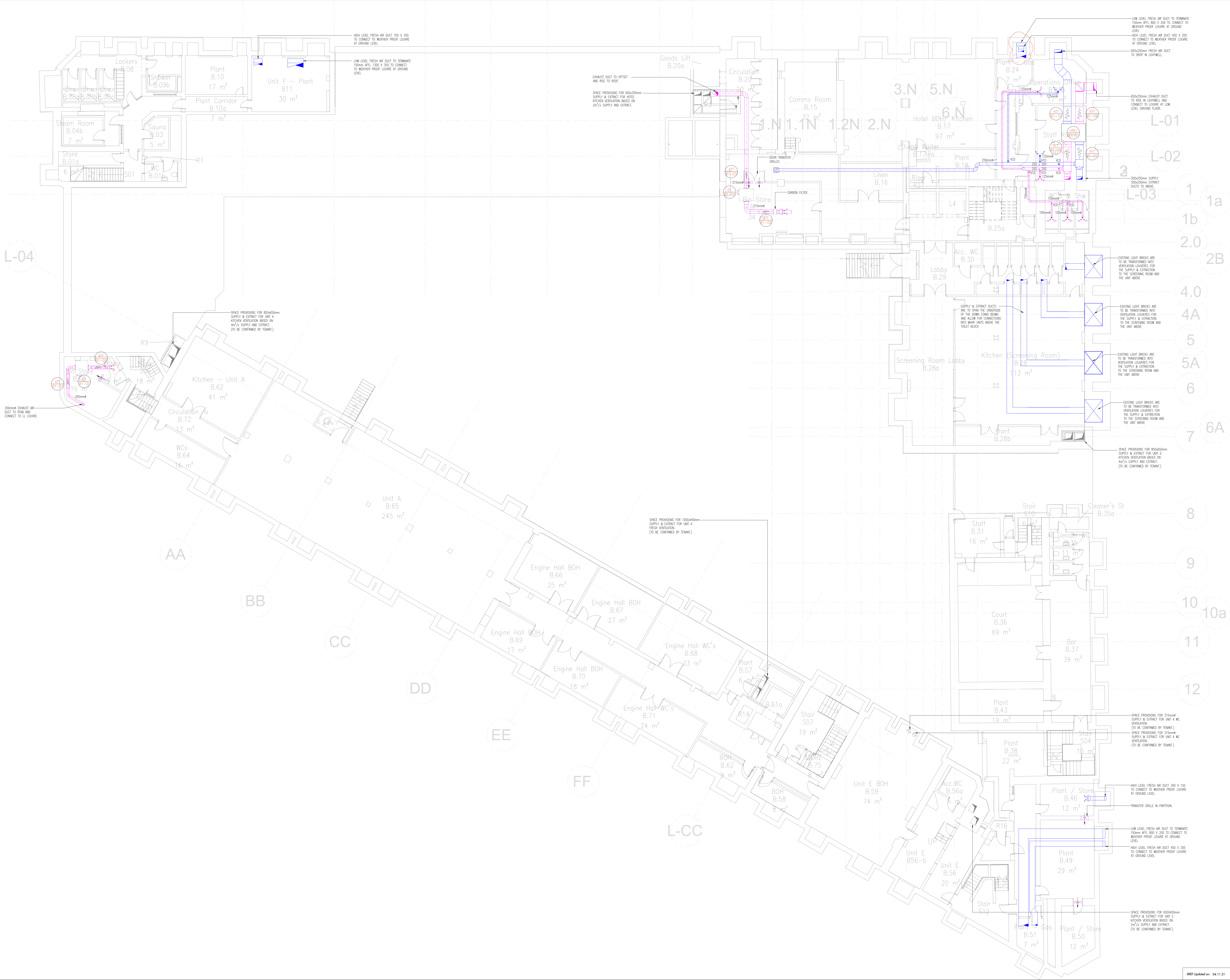




NOTES

- 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 COMMENCING WORKS
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANTS DRAWINGS, SPECIFICATIONS AND SCHEDULES
- ANY PENETRATION THROUGH FLOOR, SEEK STRUCTURAL ENGINEERS APPROVAL BEFORE COMMENCEMENT
- ALL PLANT AND EQUIPMENT SHALL BE INSTALLED FULLY IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS
- ALL FAN INSTALLATIONS TO BE COMPLETE WITH ALL ACCESSORIES, CONTROLS AND FITTINGS TO PROVIDE A COMPLETE AND FUNCTIONAL INSTALLATION
- ALL VENTILATION SYSTEMS AND COMPONENTS TO BE INSTALLED, TESTED AND COMMISSIONED IN ACCORDANCE WITH BUILDING REGULATIONS APPROVED DOCUMENT 'T'
- ALL DUCTWORK SHALL BE INSTALLED RIGID PVC UNLESS OTHERWISE STATED
- ALL DUCTWORK TO BE MANUFACTURED AND INSTALLED IN ACCORDANCE WITH BS144
- CONTRACTOR TO ENSURE CORE CUTS THROUGH JOISTS ARE SUITABLE TO ACCOMMODATE THE DUCTWORK
- FLEXIBLE DUCTING HAS BEEN ALLOWED FOR THE FINAL UNIT CONNECTION, NO MORE THAN 300mm PER LEG SHOULD BE USED AS PER SPEC GUIDANCE
- ATTENUATION AND FIRE PROTECTION HAS BEEN EXCLUDED AS WE HAVE NOT IN RECEIPT OF A FIRE STRATEGY OR ACOUSTIC REPORT AT THIS STAGE
- 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% DEGRESS
- ALL DUCTWORK WITHIN AN UNHEATED SPACE MUST BE INSULATED IN ACCORDANCE WITH PART 'T' OF THE 2009 BUILDING REGULATIONS FRESH AIR INTAKE AND EXHAUST AIR LEGS ARE TO BE FULLY INSULATED BACK TO THE UNIT
- A MINIMUM DISTANCE OF 500mm IS REQUIRED BETWEEN EACH SPROUT OFF THE UNIT AND ANY OUTDOOR FITTING, FLEXIBLE DUCT SHOULD BE PULLED TIGHT WITH SMOOTH BENDS ONLY
- PLEASE NOTE TO COMPLY WITH CURRENT BUILDING REGULATIONS MANUAL EXIST SWITCHES ARE TO BE PROVIDED TO EACH MET AREA, THESE ARE TO BE PROVIDED AND FITTED BY THE CONTRACTOR
- SUPPLY AND EXTRACT VALVES SHALL BE COMMISSIONED / TRIMMED AT THE GRILLE TO ENSURE THE CORRECT FLOW RATE IS ACHIEVED
- BETWEEN EACH RISE AND FALL BETWEEN FLOOR LEVELS, ALL MECHANICAL & ELECTRICAL CONTRACTORS SHALL ALLOW FOR OFFSETS DURING INSTALLATION
- WORKSPACE OFFICES SUPPLY AND EXTRACT GRILLES SHALL BE USED TO THE SEES OF RISERS WITHIN THE SPACE VIA FIRE RATED GRILLES C/W FIRE/RACKE DAMPER

LEGEND

- EXTRACT DUCTWORK
- SUPPLY DUCTWORK
- ADJUSTABLE AIR VALVE
- FC FIRE COLLAR
- EXTERNAL LOUVER / AIRBRICK TERMINAL (TBC BY ARCHITECT)
- RECIRCULATING COOKER HOOD, MODEL TBC BY ARCHITECT / INTERIOR DESIGNER
- DOOR TRANSFER GRILLE
- LINEAR SLOT DIFFUSER

ABBREVIATIONS

- L/L - LOW LEVEL
- R/A - RISE TO ABOVE
- FS - FROM BELOW
- CV - CEILING VOID
- D/L - DROP TO LOW LEVEL
- D/A - DROP FROM ABOVE

FOR COMMENT NOT FOR SITE USE

Revision	Description	Rev	Date	By
09.03.23	UNIT D KITCHEN SUPPLY AND EXTRACT	16	21.04.23	RG
11.04.23	TENDER ISSUE	15	07.02.23	RG
07.02.23	TENDER ISSUE	14	20.07.21	AF
20.07.21	TENDER ISSUE	13	02.06.21	AF
02.06.21	TENDER ISSUE	12	21.05.21	AF
21.05.21	TENDER ISSUE	11		

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Project

LONDON ROAD FIRE STATION

FIRE STATION, LONDON ROAD,

MANCHESTER, M1

Drawing Title

MECHANICAL SERVICES

BASEMENT LEVEL

VENTILATION LAYOUT

Date	Design By	Drawn By	Scale
31.03.21	A.F.	RGB	1:100

Task Status

TENDER

Drawing Number

647-M-157-B1-01

Rev

16

100% Updated on: 04.11.21

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