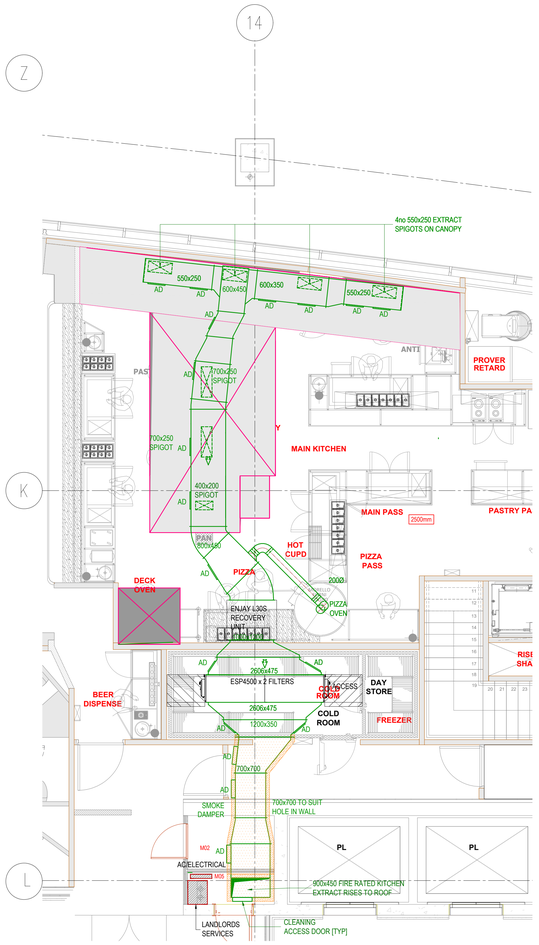
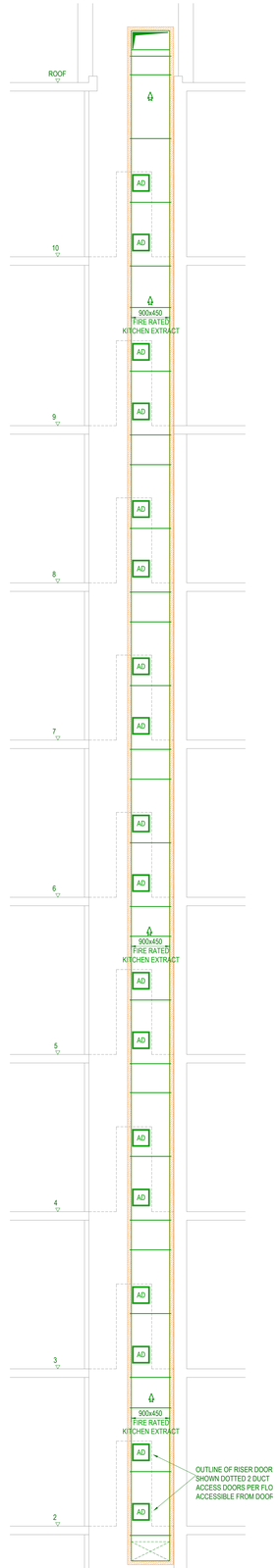
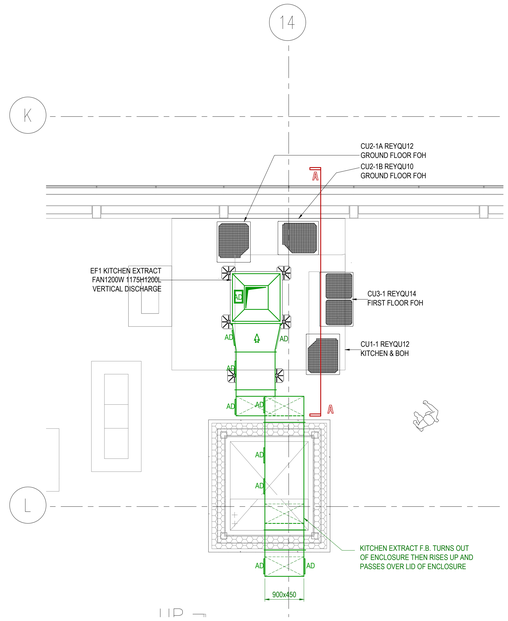


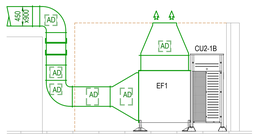
PLAN LEVEL 1



RISER ELEVATION



PLAN AT ROOF LEVEL



ELEVATION A-A

General notes:

1. Positions of all equipment, ductwork and fittings are indicative only.
2. Contractors shall confirm the sequence of installation works to ensure safe access is maintained.
3. Attention is drawn to health & Safety issues. Liaise with the main contractor to ensure that installation works are programmed to minimise H&S risks and optimise installation.
4. All dimensions / duct sizes are in millimetres unless otherwise stated.
5. This drawing was produced using CAD and should not be amended by hand.
6. All dimensions shown are for reference and should be checked on site prior to commencement of work.

Specific notes:

1. This drawing should be read in conjunction with all architectural, structural and other drawings from other services (incl. mechanical, catering, electrical, sprinklers) along with contract documentation and specification for the works.
2. Ensure all method statements, sign offs and approvals are in place before proceeding with any works.
3. All work to be carried out in accordance with the current British Standards, B.S. codes of practice and building regulations.
4. The HVAC services works shall be carried out in full accordance with the client specification, the HVAC Part L compliance report, the contract guide and specification.
5. Ductwork shall be installed in accordance with all current industry standard guidelines / regulations.
6. Galvanised ductwork to be manufactured to DW144.
7. Ductwork sized in accordance with all current industry standard guidelines / regulations. Sizes shown on drawing are clear internal dimensions (not including flanges and flange).
8. Access doors required on kitchen extract duct every 1500mm for cleaning and before and after every bend. Access doors to be provided by main contractor in ceiling, access panels or gridded ceiling etc. Access panels to be provided by main contractor in any solid ceilings where that requirements indicated by HVAC installation contractor.
9. Duct connections with fans and other equipment to be a manufactured canvas connection to prevent duct breakout noise and transmission of vibrations.
10. Balancing dampers shall be installed on all branch tags and diffuser / grille terminals to facilitate commissioning.
11. Supply and secondary fan coil unit ductwork to be fully insulated.
12. Fresh air intakes and exhausts locations are shown indicatively on these drawings. The exact positions shall be agreed with the client, architect and the main contractor prior to commencement of work. Care must be taken to avoid contamination.
13. Position of all grilles / air valves shown are in optimum positions for air flow. The grilles to be positioned as close as practicable to location shown and coordinated with the ceiling and other services.
14. Fire dampers are to be shown on ductwork (excluding kitchen extract ducts) penetrating fire compartment divides and shall incorporate certified fire dampers to suit the duct size and the fire rating of the wall in which it is installed. Refer to architects' fire strategy drawing to establish locations. Fire dampers are shown indicatively on these Drawings.
15. Fire rating of ductwork ductwork where fire rated, shall match the fire rating of the wall in which it is installed.
16. Attenuation and anti-vibration measures shall be incorporated on all plant and ductwork supports in full accordance with acoustic consultant's specification.
17. Access required to all plant equipment for maintenance and cleaning.
18. Ensure all equipment is installed in accordance with manufacturers guidelines and location.
19. Condensate drain from AC condensers to be run to the nearest waste connection or to rooftop drain. Condensate drains from the FCU's to be run to the nearest drain point. Refer to manufacturer and their requirements. Both shall be the equivalent plastic or copper sizes.
20. Install all mechanical equipment in accordance with manufacturers guidelines.
21. Catering condensers are not CIS equipment. However, they are indicatively shown on CIS drawings to allow for provisioned space and access within the HVAC Plant area.
22. Ceiling, wall, floor, roof and roof openings shall be co-ordinated with all other trades involved.
23. No others loads(s) (other services or man loading) shall be hung from ductwork supports.

METERAGE

SUPPLY DUCTWORK	0.0m
WC EXTRACT DUCTWORK	0.0m
AC PIPEWORK	0.0m

Quantities are for this sheet only

No.	Date	Rev By	Revision Description

Client:

BIG MAMMA STUDIO

Project :

2306 - MANCHESTER

Drawing Title :

KITCHEN EXTRACT SYSTEM FIRST FLOOR, RISER & ROOF

Drawing No.: 001-1204-04

Rev: RECORD

Scale: 1:50 @ A0 1:100 @ A2

Drawn By: KDM | Checked By: - | Date: JUNE 2025

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