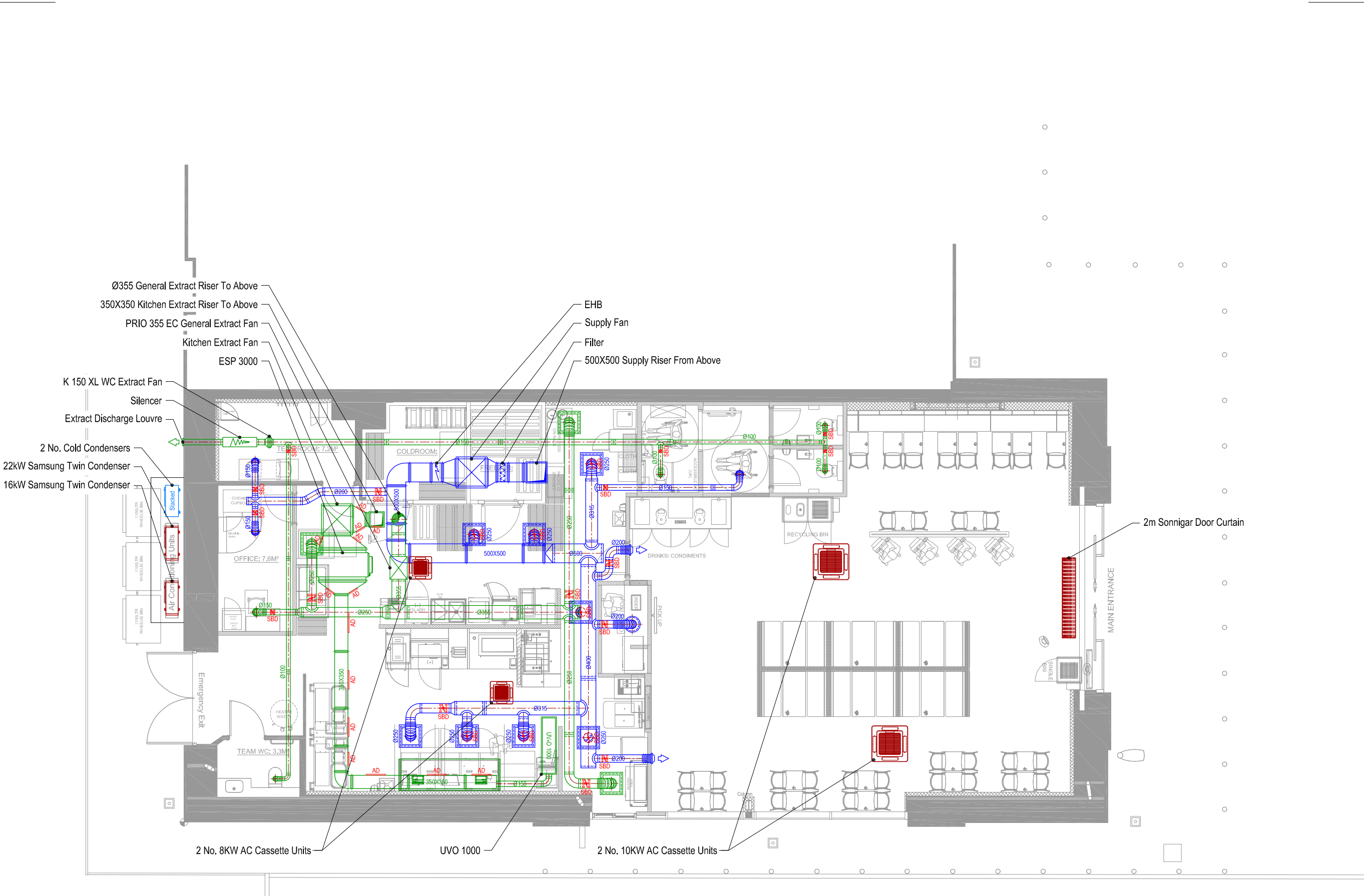




- General notes:
- Positions of all equipment, ductwork and fittings are indicative only.
 - Contractors shall confirm the sequence of installation works to ensure safe access is maintained.
 - Attention is drawn to Health & Safety Issues. Liaise with the main contractor to ensure that installation works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

- Specific notes:
- This drawing should be read in conjunction with all architectural, structural and drawings from other services (incl. mechanical, catering, electrical, sprinklers), along with correct documentation and specifications for the works.
 - Ensure all method statements, sign offs and approvals are in place before proceeding with any work.
 - All works to be carried out in accordance with the current British Standards, B.S. codes of practice and building regulations.
 - The HVAC services works shall be carried out in full accordance with the client specification and shall, together with any pertinent technical guide and specification.
 - Ductwork shall be installed in accordance with all current industry standard guidelines / regulations.
 - Galvanised ductwork to be manufactured to DIN144.
 - Ductwork shall be installed in accordance with all current industry standard guidelines / regulations. Duct dimensions shown on drawing are clear internal dimensions (not including flanges and fittings).
 - Access doors required on kitchen extract duct every 1500mm for cleaning and before / after every change of direction & should be accessible at all locations via ceiling access panels or ground ceiling etc. Access panels to be provided by main contractor in any soft ceilings where final requirements indicated by HVAC installation contractor.
 - Duct connections with fans and other equipment to be a manufactured canvas connection to prevent duct breaching noise and transmission of vibrations.
 - Volume control dampers shall be installed on all branch legs and diffuser / grille terminals to facilitate commissioning.
 - Supply and secondary fan coil unit ductwork to be fully insulated.
 - Fresh air intakes and extract locations are shown individually on these drawings. The exact positions shall be agreed with the client, architect and the main contractor and shall be shown accurately on the working / coordinated drawings.
 - Position of all grille / air valves shown are in optimum positions for air flow. The grille to be provided or shown as preferable to location shown and coordinated with other services and fabric constraints.
 - The dampers are to be shown as ductwork (including kitchen extract ducts) penetrating the compartment division and shall incorporate certified fire dampers to match the fire rating, together with access panels. Reference to be made to architect for strategy drawing to establish locations. The dampers are shown individually on these drawings.
 - All transfer grilles and ductwork where the rated, shall match the fire rating of the wall in which they are located.
 - Attenuation and anti-vibration measures shall be incorporated on all plant and outdoor supports in full accordance with acoustic consultant's specifications.
 - Access required to all plant equipment for maintenance and cleaning.
 - Refer to catering specialist layout to determine confirmed canopy sizes and location.
 - 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 (DPM), subject to manufacturer and their requirements. Both shall be the equivalent plastic or copper slope.
 - Install all mechanical equipment in accordance with manufacturers guidelines.
 - Catering condensers are not CVL equipment. However, they are indicated shown on CVL drawings to allow for provision space and access within the HVAC plant area.
 - Location of all required floor, wall and roof openings shall be coordinated with all other trades involved.
 - No other loads (other services or main loadings) shall be hung from ductwork supports.

No.	Date	Rev. By	Revision Description

Project:

**POPEYES
READING**

Drawing Title:

HVAC LAYOUT

Drawing No.:	Rev:
001-1415-01	-
Scale: 1:50 @ A1 1:100 @ A3	
Drawn By: HW	Date: 21/05/25

