



General notes:

1. Positions of all equipment, ductwork and fittings are indicative only.
2. Contractors shall confirm the sequence of main works to ensure safe access is maintained.
3. Attention is drawn to Health & Safety issues. Liaise with main contractor to ensure that all relevant health and safety measures are in place before proceeding with any work.
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 services drawings, including all electrical, mechanical, 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 work.
3. All works to be carried out in accordance with the current British Standards, B.S. codes of practice.
4. The HVAC services works shall be carried out in full accordance with the client specification and brief, together with any liaison, technical guide and specification.
5. Ductwork and duct sizes shall be in accordance with all current industry standard guidelines / regulations.
6. Ductwork to be manufactured to D1144.
7. Ductwork to be in accordance with all current industry standard guidelines / regulations. Duct dimensions shown on drawing are clear internal dimensions (not including insulation).
8. Access doors required on kitchen extract duct every 1500mm for cleaning and before any access panels or gridded ceiling etc. Access panels to be provided by main contractor in any solid ceilings where final requirements indicated by HVAC installation contractor.
9. Duct connections with fans and other equipment to be a manufactured canvas flexible with a minimum bend radius of 10 times the duct diameter.
10. Volume control dampers shall be installed on all branch legs and diffuser / grille legs.
11. Supply and secondary fan coil unit ductwork to be fully insulated.
12. Fresh air intake and exhaust locations are shown indicatively on these drawings. The final locations will be determined by the HVAC contractor and the architect and shall be shown accurately on the working / co-ordinated drawings.
13. Transfer air grilles / air valves shown are in optimum positions for flow. The grilles to be positioned as indicated on location plan and coordinated with other services and fabric constraints.
14. Fire rated ductwork and fire dampers (excluding kitchen extract ducts) penetrating fire compartment divides and shall incorporate certified fire dampers to match the fire rating of the wall. Fire dampers to be coordinated with architect's fire strategy drawing to establish location. Fire dampers are shown as red dashed lines.
15. All transfer grilles and ductwork where fire rated, shall match the fire rating of the wall in which it is installed.
16. All mechanical vibration measures shall be incorporated on all plant and ductwork supports in full accordance with acoustic consultant's specification.
17. All ductwork to be fully insulated.
18. Refer to catering specialist layout to determine confirmed canopy sizes and location.
19. Condensate drain from AC condensers to be run to the nearest waste connection or to designated waste connection. All waste connections to be 25mm, subject to manufacturer and their requirements. Both shall be the equivalent pipe size.
20. Install all mechanical equipment in accordance with manufacturers guidelines.
21. Catering condensers are not CTV equipment. However, they are indicatively shown on drawing as such. All ductwork and equipment shall be coordinated with all other services involved.
22. Locations of all required floor, wall and roof openings shall be co-ordinated with all other services involved.
23. No other load(s) (other services or man loading) shall be hung from ductwork supports.

D 28-07-22 GP K.E. duct revised.
 C 07-07-22 GP GA Updated.
 B 10-05-22 GP KE Duct changed to Fire Rated.
 A 06-04-22 GP Revised Supply Grilles.

No. Date Rev By Revision Description

Project :

CHIPOTLE

**UNIT 48-49
THE PAVILIONS
UXBRIDGE**

Drawing Title :
**HVAC LAYOUT
GROUND FLOOR
& MEZZANINE**

Drawing No.: **001-932-02** Rev: **D**
 Scale: **1:50 @ A1 1:100 @ A3**

Drawn By: **PR** Date: **22/03/22**

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