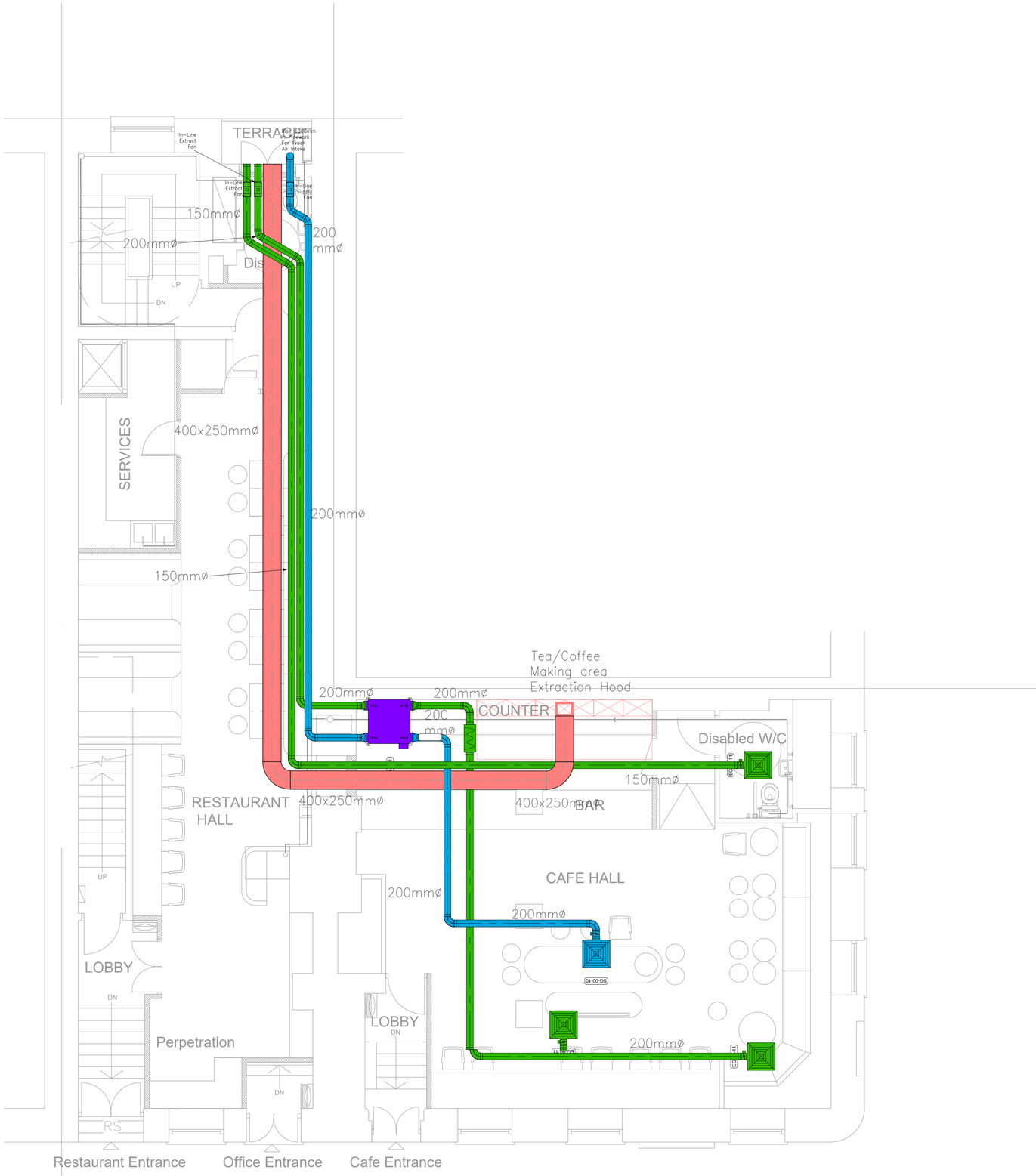


This drawing was produced in AutoCAD, DO NOT change manually.
DO NOT scale from this drawing. The contractor must verify all site dimensions.

This drawing is the property of Mullins Associates (Group) Ltd. It must not be copied or lent to any third party without the written consent of Mullins Associates (Group) Ltd, and must be returned to Mullins Associates (Group) Ltd on request.

Notes:

1. All HVAC installations shall comply with relevant standards including CIBSE guidelines, ASHRAE standards, and applicable local authority regulations.
2. The HVAC system shall be designed to maintain indoor environmental conditions in accordance with occupancy requirements, including temperature, humidity, and indoor air quality.
3. All equipment capacities indicated are preliminary; the contractor shall verify final selections based on detailed heat load calculations and manufacturer data.
4. Ductwork shall be constructed from galvanized steel or approved equivalent, designed and installed in accordance with DW/144 ductwork specification and sealed to the appropriate air leakage class.
5. All ducts shall be adequately supported, braced, and installed to avoid sagging, vibration, and noise transmission.
6. Thermal insulation shall be provided to ductwork, chilled water, and refrigerant piping as required to prevent heat gain/loss and condensation, in accordance with project specifications.
7. Fresh air ventilation rates shall comply with ASHRAE Standard 62.1 or local codes, whichever is more stringent.
8. Fire and smoke dampers shall be installed at all duct penetrations through fire-rated walls and slabs, in accordance with fire strategy requirements.
9. All mechanical equipment (AHUs, FCUs, fans, pumps, condensers) shall be mounted on suitable vibration isolation supports to minimize noise and structural transmission.
10. Condensate drain lines shall be provided from all cooling equipment and routed to suitable drainage points with appropriate traps and slopes.
11. Access doors shall be provided in ductwork for maintenance of dampers, sensors, and other in-line equipment.
12. System balancing shall be carried out upon completion to ensure design air and water flow rates are achieved.
13. All HVAC layouts shown are schematic; contractor shall coordinate exact routing with structural, architectural, and other MEP services on site.
14. Testing and commissioning shall be carried out in accordance with CIBSE Commissioning Code and relevant standards prior to handover.
15. As-built drawings and operation & maintenance manuals shall be submitted after installation for final approval.
16. Provision shall be made for future expansion where indicated, including spare capacity in ductwork and plant where applicable.
17. All equipment, ductwork, pipework, and control devices shall be clearly labeled in accordance with project standards and drawing legends.
18. Notes on drawings shall take precedence over standard symbols where discrepancies occur.

Revision:	Date:	Description:	Drawn:	Checked:
C2	13 05 26	Updated HVAC Ductwork Layout As Per Request. Comment Issue.	E.S	C.M
C1	01 05 26	Comment Issue.	E.S	C.M

MULLINS ASSOCIATES GROUP
Suit 4, Harewood Business Centre
2 Fairfield Road, Buxton, SK17 7DP

Project:

44 - 46 Faulkner St,
Manchester M1 4FH

Title:

Ground Floor
Proposed HVAC Layout

Drawing no:	Revision:
0568-01-M401	C2

Status: COMMENT ISSUE

Drawn:	J.D	Checked:	C.M
Date:	JAN 2025	Scale:	1:50@A1