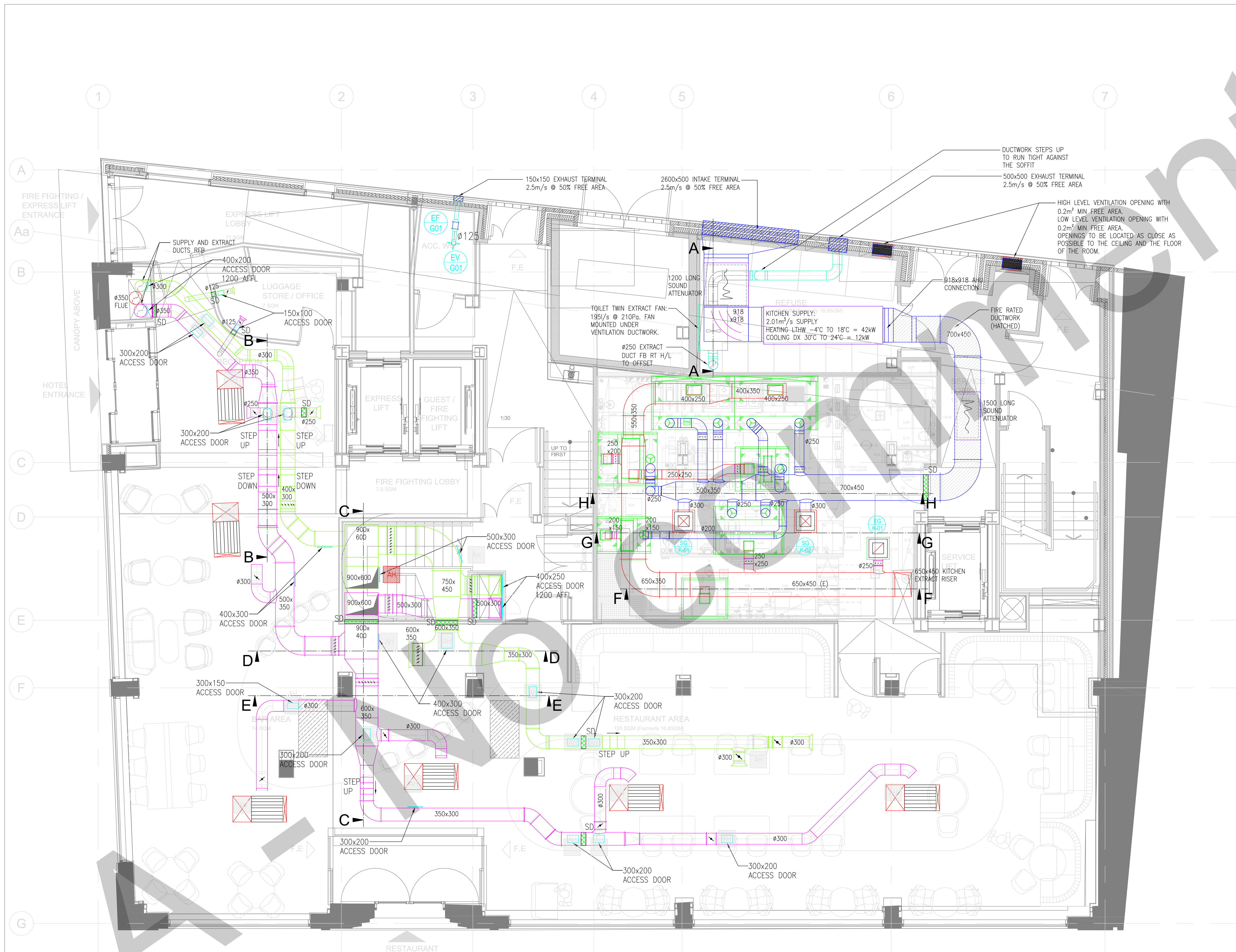


- LEGEND
- SUPPLY DIFFUSER
  - EXTRACT GRILLE
  - EXTRACT VALVE
  - MECHANICAL VENTILATION WITH HEAT RECOVERY UNIT
  - EXTRACT FAN
  - CEILING ACCESS HATCH
  - VOLUME CONTROL DAMPER
  - SMOKE DAMPER

NOTES:

PART OF THE EXTRACT DUCTWORK SERVES BASEMENT SMOKE EXTRACT SYSTEM. REFER TO DRAWING D460-GAL-ZZ-77-SC-M-5700 VENTILATION SCHEMATIC FOR EXTENT OF FIRE RATED DUCTWORK.



Ventilation Schedule

| Ref    | Type        | Serving | Duty (l/s)    |
|--------|-------------|---------|---------------|
| EF/G01 | Extract fan | ACC WC  | 15 l/s @ 35Pa |

Exhaust Valve Schedule

| Ref    | Type          | System | Duty   | Plenum | Spigot size |
|--------|---------------|--------|--------|--------|-------------|
| EV/G01 | Exhaust Valve | ACC WC | 15 l/s | No     | 1250        |

Supply and Extract Diffusers Schedule

| Ref     | Type                       | System                 | Duty    | Plenum | Damper | Spigot size |
|---------|----------------------------|------------------------|---------|--------|--------|-------------|
| SG/K-01 | 4 way louver face diffuser | Kitchen supply system  | 250 l/s | Yes    | Yes    | 3000        |
| SG/K-02 | 4 way louver face diffuser | Kitchen supply system  | 250 l/s | Yes    | Yes    | 3000        |
| EG/K-01 | 4 way louver face diffuser | Kitchen extract system | 120 l/s | Yes    | Yes    | 2500        |

DESIGNED MC 02.11.22 DRAWN MC 02.11.22 APPROVED  
REV DESCRIPTION  
C02 UPDATED TO INCORPORATE DESIGN TEAM COMMENTS

DESIGNED MC 16.02.22 DRAWN MC 16.02.22 APPROVED  
REV DESCRIPTION  
C01 CONSTRUCTION ISSUE  
UPDATED TO THE LATEST ARCHITECTURE

STATUS CONSTRUCTION

GALLANT

NORTH WEST REGIONAL OFFICE, 11G, 100 OLD HALL STREET, LIVERPOOL, L3 9JQ  
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CLIENT GMI CONSTRUCTION GROUP

PROJECT MALMAISON  
MANCHESTER

TITLE MECHANICAL SERVICES  
GROUND FLOOR  
VENTILATION LAYOUT

SCALE: 1:50 @ A1 DATE: SEPT 2021  
DRAWN: MC ENGINEER: MC  
CHECKED: APPROVED:

D460-GAL-ZZ-00-DR-M-5702

C02