

THIS DRAWING IS INDICATIVE AND REPRESENTS ONLY THE DESIGN INTENT, THE CONTRACTOR MUST PRODUCE FULLY CO-ORDINATED WORKING / INSTALLATION DRAWINGS AS REFERRED TO IN THE CONTRACT DOCUMENTATION

VENTILATION NOTES

- DO NOT SCALE FROM THIS DRAWING. ALL DIMENSIONS INDICATED ARE IN MILLIMETRES
- DRAWING TO BE READ IN CONJUNCTION WITH SPECIFICATION, DOCUMENTATION, DRAWINGS & ALL RELEVANT BRITISH STANDARD DOCUMENTS
- ALL DUCTWORK TO BE MANUFACTURED & INSTALLED TO DW/144 SPECIFICATION FOR SHEET METAL DUCTWORK.
- ALL BRANCHES TO INCORPORATE MULTI-BLADE TYPE VOLUME CONTROL DAMPERS.
- ALL DUCTS PASSING THROUGH CAVITY BARRIERS TO INCORPORATE FIRE DAMPER WITH ACCESS DOOR AS ON BOTH SIDES OF BARRIER.
- GENERAL SUPPLY & EXTRACT DUCTWORK TO BE INSULATED & PROTECTED WITH FOIL FACE FINISH. ALL DUCTWORK WITHIN PLANTROOMS TO BE PROTECTED WITH ALUMINIUM HAMMER CLAD PROTECTION.
- ALL EQUIPMENT, DUCTWORK, GRILLES & PLENUM BOXES TO BE INDEPENDENTLY HUNG FROM STRUCTURE.
- FLEXIBLE DUCTWORK SHOULD NOT EXCEED 500mm IN LENGTH ON EACH GRILLE.
- ALL BENDS TO BE SWEPT WHERE POSSIBLE AND INCORPORATE TURNING VANES WHERE NOT.
- ALL CONNECTIONS TO GRILLES TO BE AS PER MANUFACTURERS STANDARD CONNECTION DETAILS.
- ALL SERVICES SHOULD BE LABELLED TO BS 1710.
- FIRE DAMPERS REQUIRED AT FIRE COMPARTMENTS, ARCHITECT / FIRE ENGINEER / BUILDING CONTROL OFFICER TO CONFIRM

VENTILATION LEGEND

- [NAT VENT] NATURAL VENTILATION (PROVIDED BY OPENABLE WINDOWS)
- SUPPLY AIR DUCTWORK
- EXTRACT AIR DUCTWORK
- AIR INTAKE DUCTWORK
- EXHAUST AIR DUCTWORK
- FIRE RATED DUCTWORK (FR)
- DUCTWORK SET DOWN
- DUCTWORK SET UP
- VCD
- FD — FIRE DAMPER
- ATTENUATOR
- (S:xx.yy) GRILLE REFERENCE (xx DENOTES FLOOR yy DENOTES No.)
- (R:x) RISER REFERENCE (x DENOTES RISER NUMBER)

AIR FLOW RATE (l/s) | VELOCITY (m/s)
PRESSURE DROP (Pa/M) | SIZE (mm)

- ATT ATTENUATOR
- CU EXTERNAL COOLING UNIT
- EF EXTRACT FAN
- EG EXTRACT GRILLE
- E/L EXTERNAL LOUVRE
- FCU FAN COIL UNIT
- SG SUPPLY GRILLE
- AD ACCESS DOOR
- CV CEILING VOID
- H/L HIGH LEVEL
- L/L LOW LEVEL
- DFA DROP FROM ABOVE
- DTB DROP TO BELOW
- RFB RISE FROM BELOW
- RTA RISE TO ABOVE

P07 DRAFT TENDER ISSUE	ZA	JH	GWR	29.10.25
P06 STAGE 4B ISSUE (KEY UPDATED)	ZA	JH	GWR	11.08.25
P05 STAGE 4B ISSUE	ZA	JH	GWR	18.07.25
P04 STAGE 4B ISSUE	ZA	JH	GWR	17.04.25
P03 STAGE 4B ISSUE	ZA	JH	GWR	13.04.25
P02 STAGE 3 ISSUE	ZA	JH	GWR	26.11.24
P01 STAGE 3 COORDINATION ISSUE	ZA	JH	GWR	08.11.24
REV DESCRIPTION	BY	CHK	APP	DATE

Project Status:
DRAFT TENDER ISSUE



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BUILDING THE FUTURE

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Project: 313293

**TOWER OF LONDON
REVELLER**

Drawing Title:

**GROUND FLOOR
VENTILATION SERVICES LAYOUT**

Scale @ A1 1:100	Date OCT 2024	Engineer ZA
Drawing No. 313293-HAH-01-00-D-M-05790	Revision P07	

