

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
- ATT ATTENUATOR
- G: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

P02	DRAFT TENDER ISSUE	ZA	JH	GWR	29.10.25
P01	STAGE 4B ISSUE	ZA	JH	GWR	18.07.25
REV	DESCRIPTION	BY	CHK	APP	DATE

Project Status:
DRAFT TENDER ISSUE



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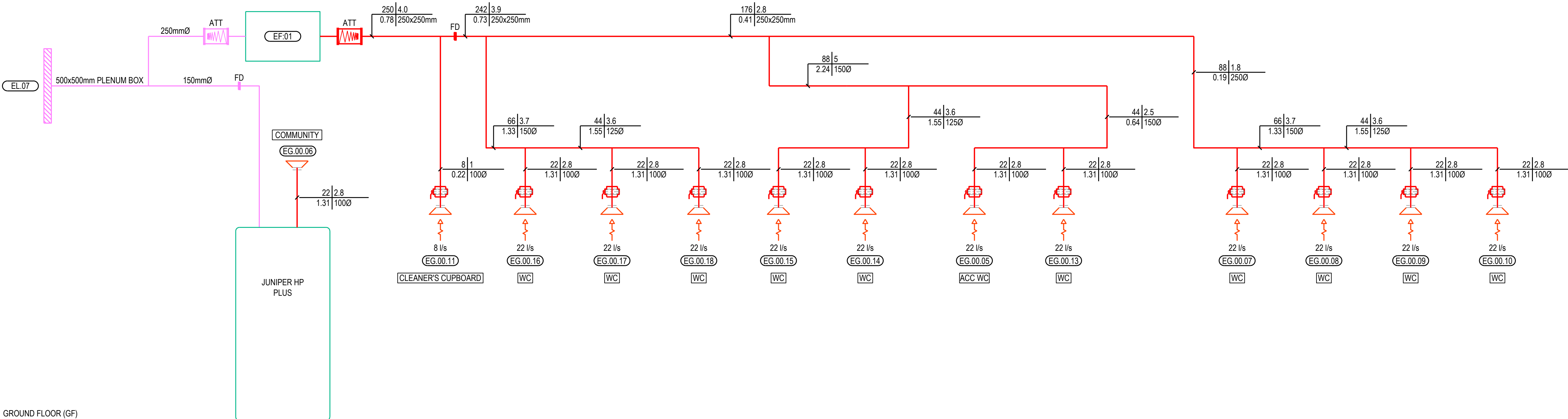
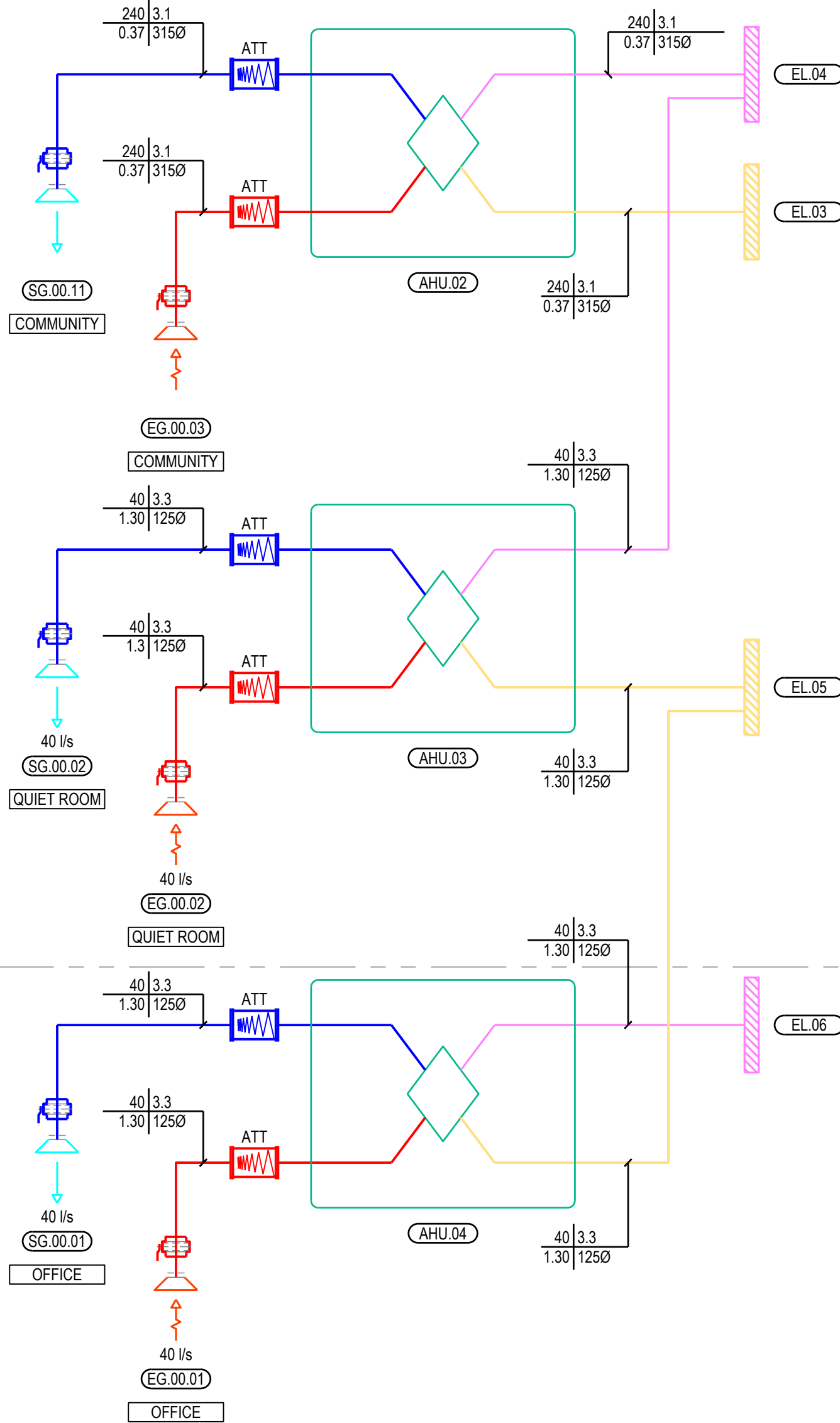
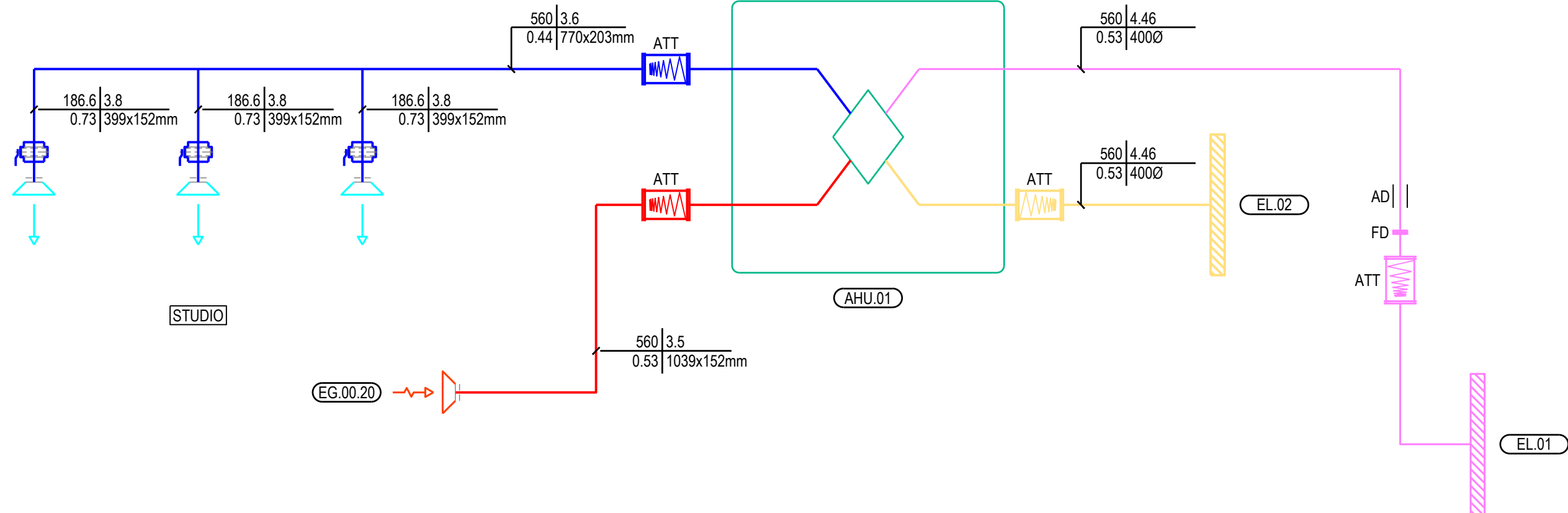
Project: 313293

**TOWER OF LONDON
REVELLER**

Drawing Title:

**VENTILATION SERVICES
SCHEMATIC**

Scale @ A1 1:100	Date OCT 2024	Engineer ZA
Drawing No. 313293-HAH-01-XX-D-M-05790	Revision P02	



(GF) GROUND FLOOR

GROUND FLOOR (GF)