

SLC560/2-3AC FAN DETAIL E1 & S1

PPM: 2930 MAX
SUPPLY: 400W THREE PHASE 50 Hz
MOTOR RATING: 3kW
FL CURRENT: 17A
WEIGHT: 90kg

NOISE DETAILS

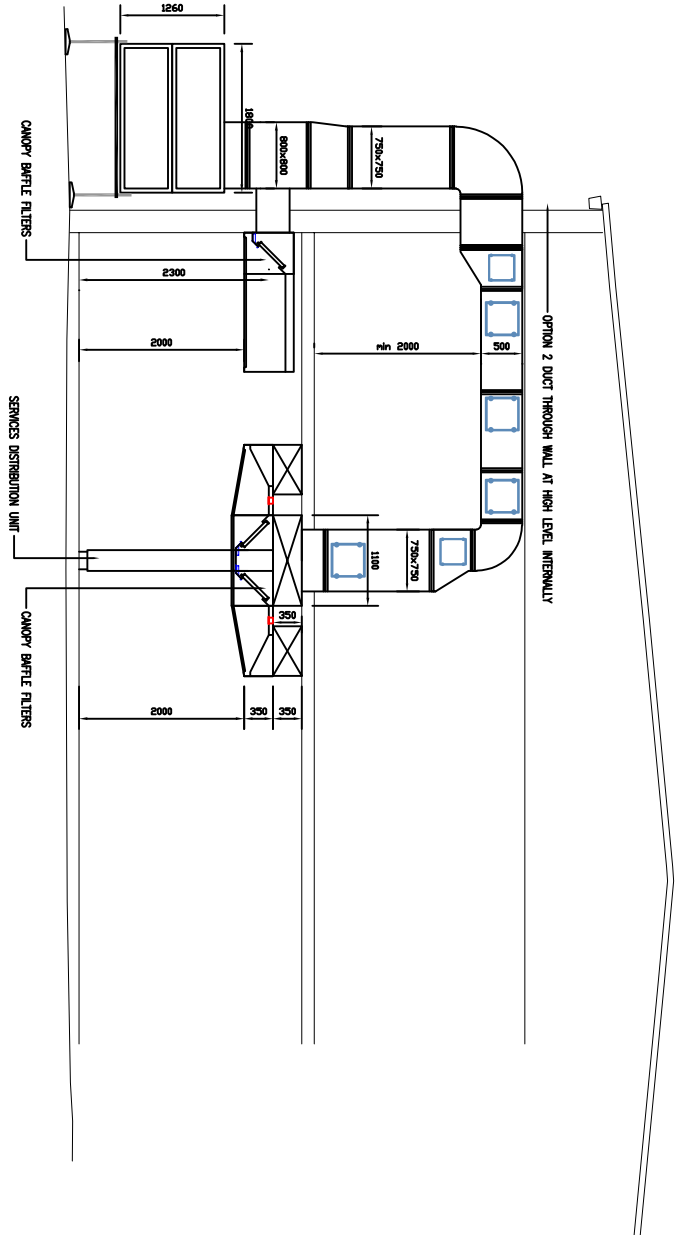
FREQUENCY Hz	63	125	250	500	1K	2K	4K	8K	TOTAL	dB(A)@3m
INLET dB	92	89	85	96	91	91	89	85	100	77
OUTLET dB	95	91	84	93	91	92	90	86	100	77

FAN NOISE ATTENUATION – SILENCER SPECIFICATION

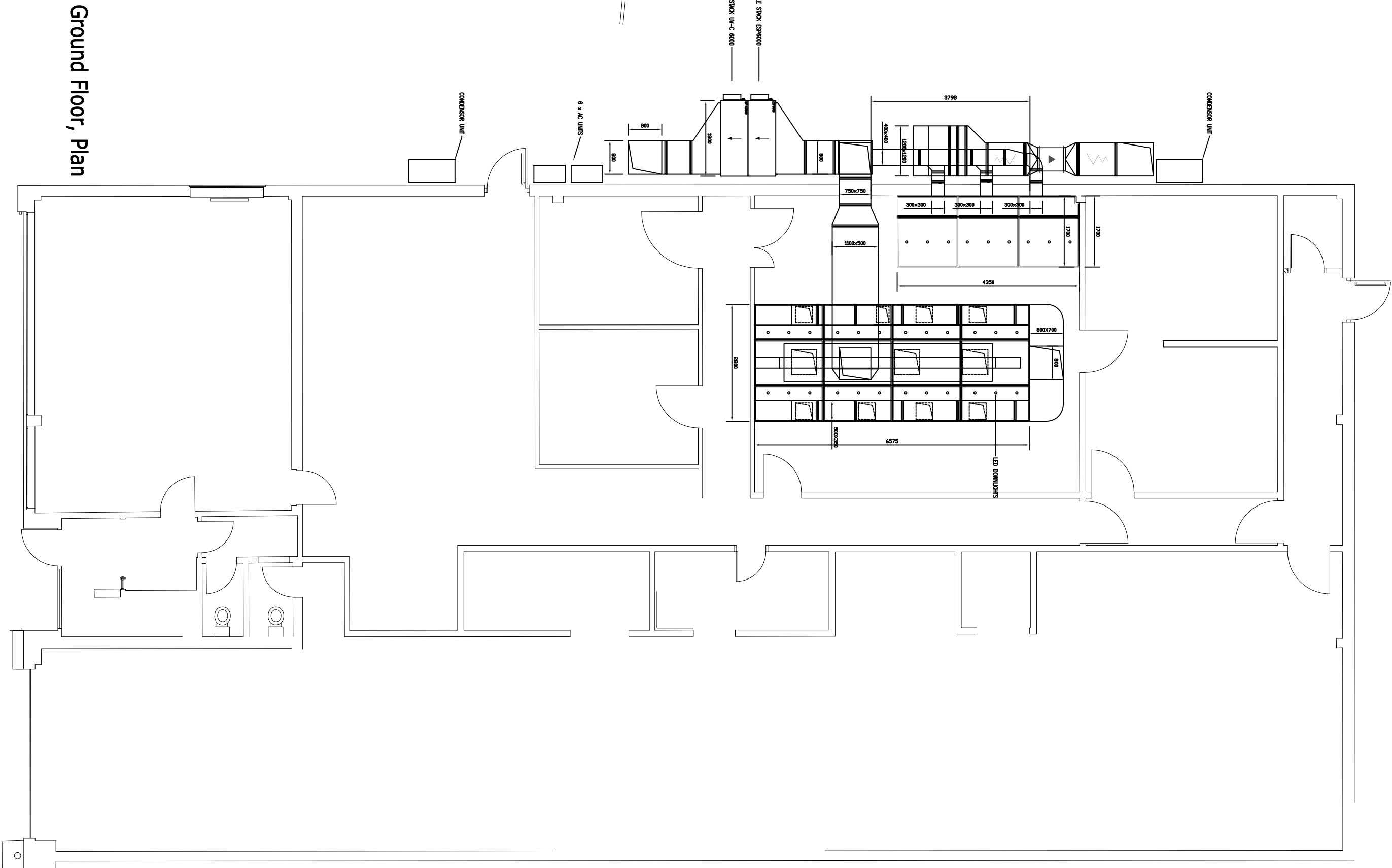
REQUIRED INSERTION LOSSES (FACH) :									
FREQ (Hz)	63	125	250	500	1K	2K	4K	8K	
LOSS (dB)	2	4	6	11	20	12	8	7	

AIR FLOW RATES
BASE ON DW/172 (2018) THERMAL CONVECTION METHOD

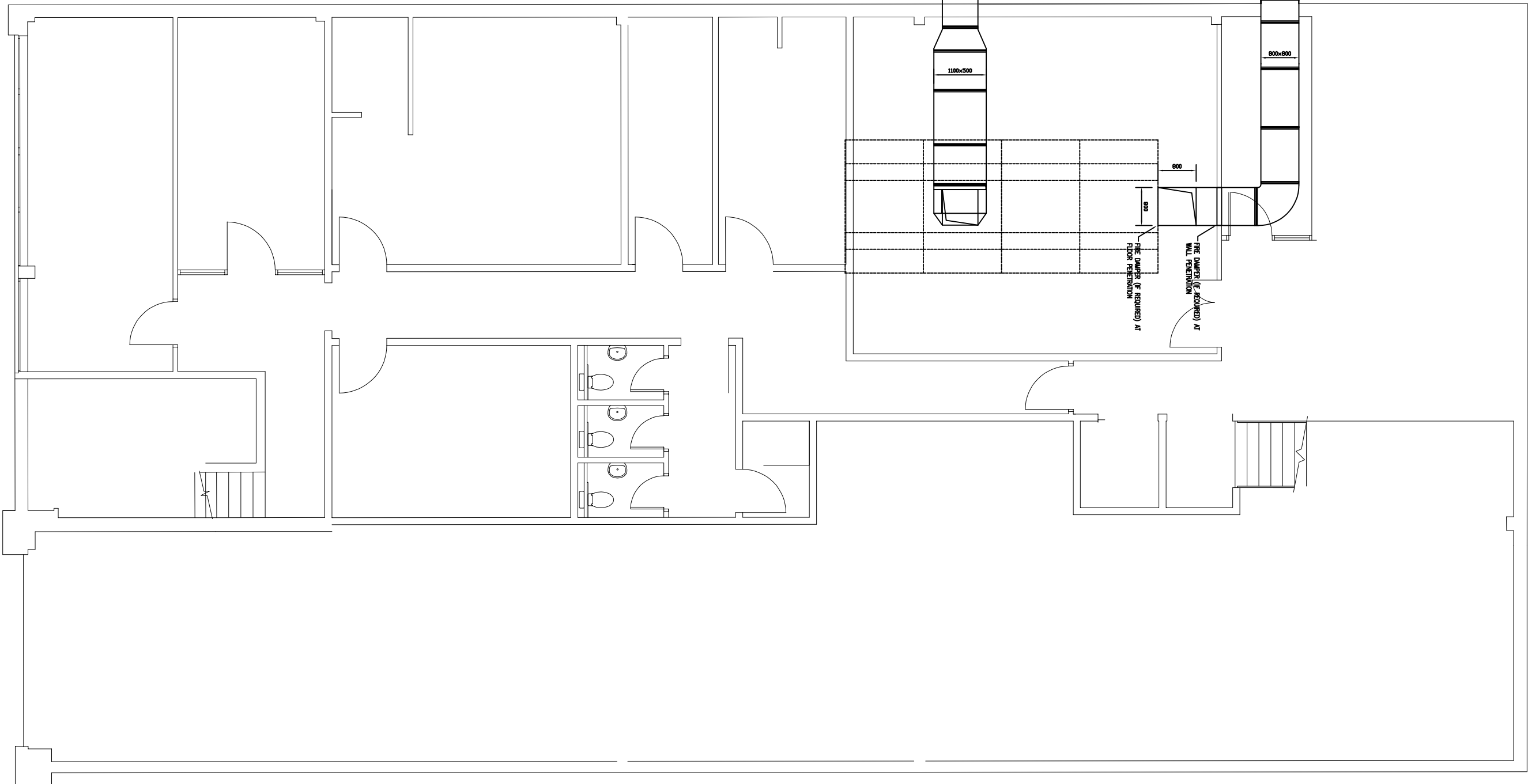
ISLAND CANOPY
EXTRACT : 3.78m³/s
SUPPLY : up to 3.22m³/s
WALL CANOPY
EXTRACT : 1.09m³/s
SUPPLY : 0.93m³/s



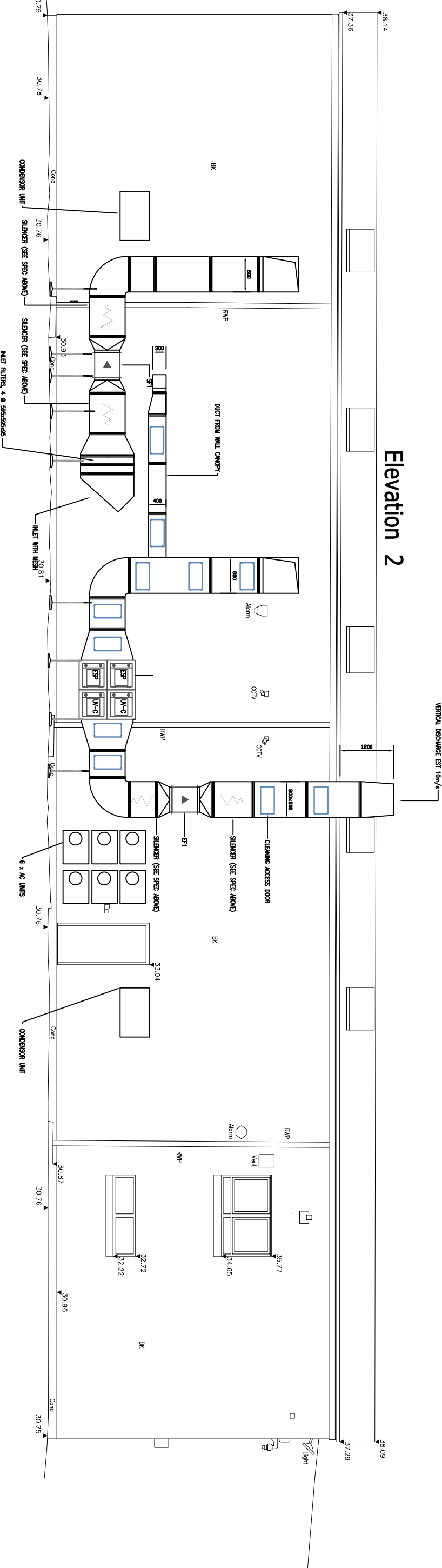
Section Through Canopy Showing Extract



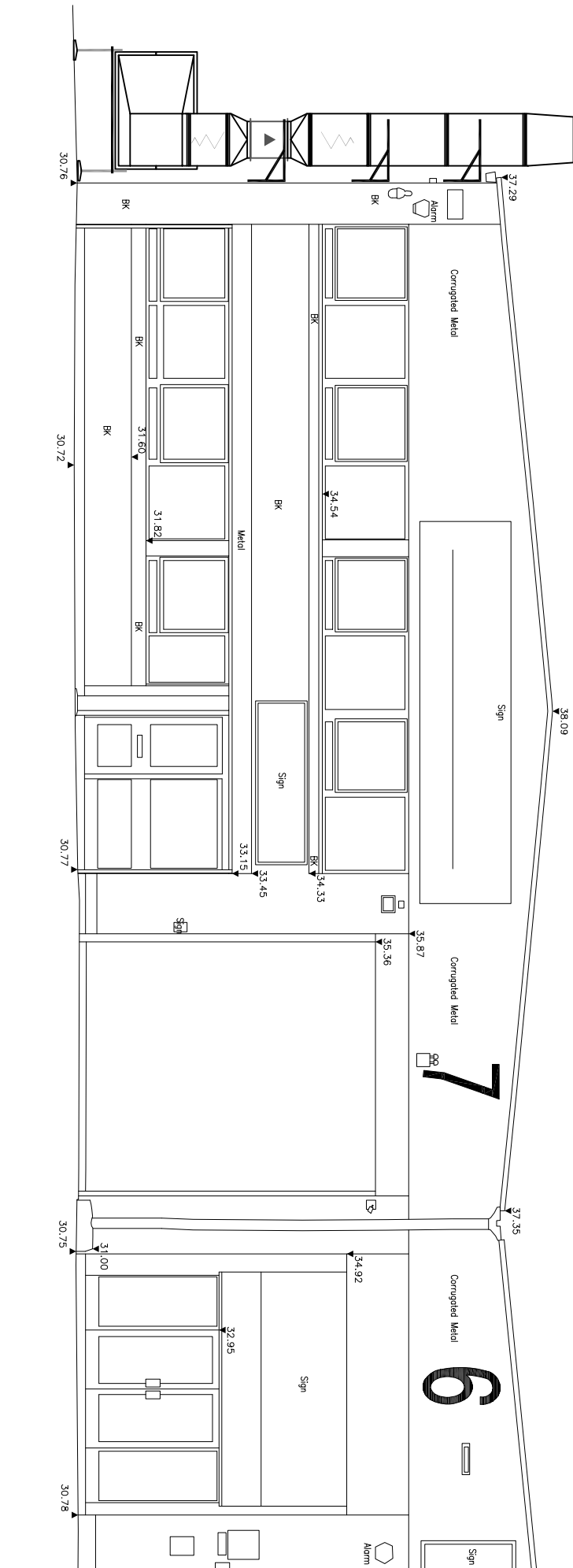
Ground Floor, Plan



Mezzanine Floor, Plan



Elevation 2



Elevation 1

GENERAL NOTES

UNLESS SPECIFIED, AGREED AND INDICATED, ALL DUCTWORK TO BE PLAIN GALVANISED STEEL.
CANOPY TO FABRICATED FROM 18g STAINLESS STEEL, GRADE 304 S16 (EN582) TO BS 1449-PART 4 AND BS 970-PART 4, SATIN FINISH No4, ALL WELDED CONSTRUCTION.

 = BOLTED SITE JOINT
 = SITE MEASURE

DRAWING ISSUE

SURVEY ☐
DISCUSSION ☐
MANUFACTURE ☐

SURVEY NOTES

SURVEY DATE.....
SLAB HEIGHT.....
SLAB ANGLES/VARIATIONS.....
SLAB MATERIAL.....
SUSP. CEILING HEIGHT.....
SUSP. CEILING MATERIAL.....
WINDOW OPENING SIZE.....
MIN ACCESS WIDTH.....
3-PHASE AVAILABILITY.....
OBSTRUCTIONS.....
BEAMS/COLUMNS.....
PIPES.....
CABLES.....
HAZARDS.....
ASBESTOS.....
FIRE BREAKS.....
GENERAL NOTES.....

C	ADD SILENCER DETAILS	10/09/26
B	COMPLETE TO COMMENTS	07/08/26
A	REVISE DUCT INTERNALS	31/07/26
Rev	Description	Date

PROJECT

Foodlink Global
Uxbridge

CLIENT

Quantum Surveys

DESCRIPTION

Kitchen Ventilation Proposal

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REVISION: C

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DATE: 31.07.26