Attenuator Schedule

Attenuator reference	Location	HRU reference	Air flowrate (l/s)	Maximum pressure drop (Pa)	Dimensions (LxWxH mm)	Duct connection size (dia mm)	Selections based on Allaway type
ATT 05/01	Intake	HRU 05/01	104	20	200dia x 600	200	Circular
ATT 05/02	Supply	HRU 05/01	104	20	200dia x 900	200	Circular
ATT 05/03	Return	HRU 05/01	104	20	200dia x 900	200	Circular
ATT 05/04	Exhaust	HRU 05/01	104	20	200dia x 600	200	Circular
ATT RF/01	Exhaust	TEF/01	350	31	375x375x920	300	Rectangular
ATT RF/02	Exhaust	TEF/02	300	31	375x375x920	300	Rectangular

Notes:
Unit selections based on Allaway

Condensing Unit Schedule

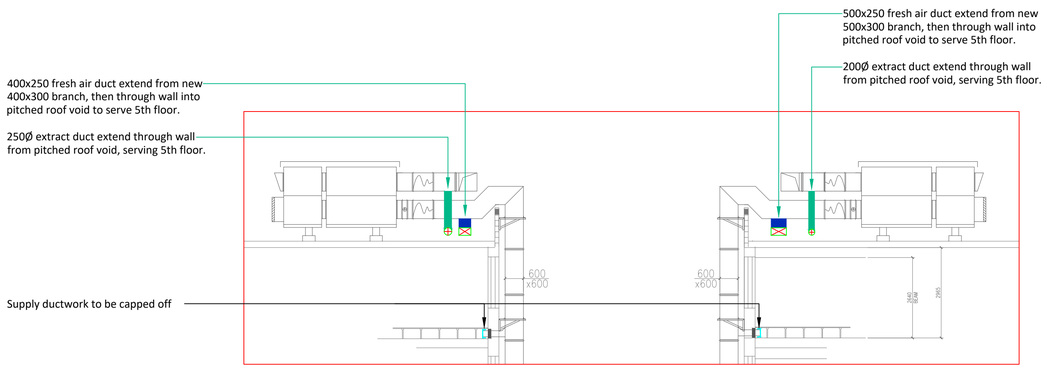
Outdoor unit reference	Unit location	System served	Unit selection	Dimensions HxWxD (mm)	Airflow Rate (L/S)	Sound Pressure	Power Supply	Fuse rating	Starting Current	Running current	Weight (kg)
OU/01	Roof	5th floor LHS	PURY-P500YNW	1858 x 1750 x 740	4917	65 dB(A)	400V 3Nph	1 x 50Amp	8-Amp	43.2	337
OU/02	Roof	5th floor RHS	PURY-P550YNW	1858 x 1750 x 740	6833	70 dB(A)	400V 3Nph	1 x 63Amp	8-Amp	51.4	337

Notes:
Unit selections based on Mitsubishi/Kooltech.

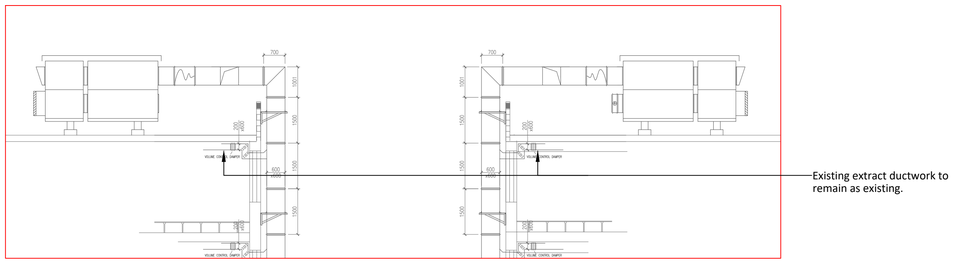
Toilet Extract Fan Schedule

TEF reference	Location	Air flowrate (l/s)	Pressure drop (pa)	Dimensions (mm)	Running current (A)	Power Supply	Weight (kg)	Duct connection sizes (mm dia)	Manufacturer's Selection
TEF/01	Flat roof area	350	250	850W x 800L x 450H	3.1	220V 1ph	40	300	Woods EC Twin Box fan
TEF/02	Flat roof area	300	250	850W x 800L x 450H	3.1	220V 1ph	40	300	Woods EC Twin Box fan

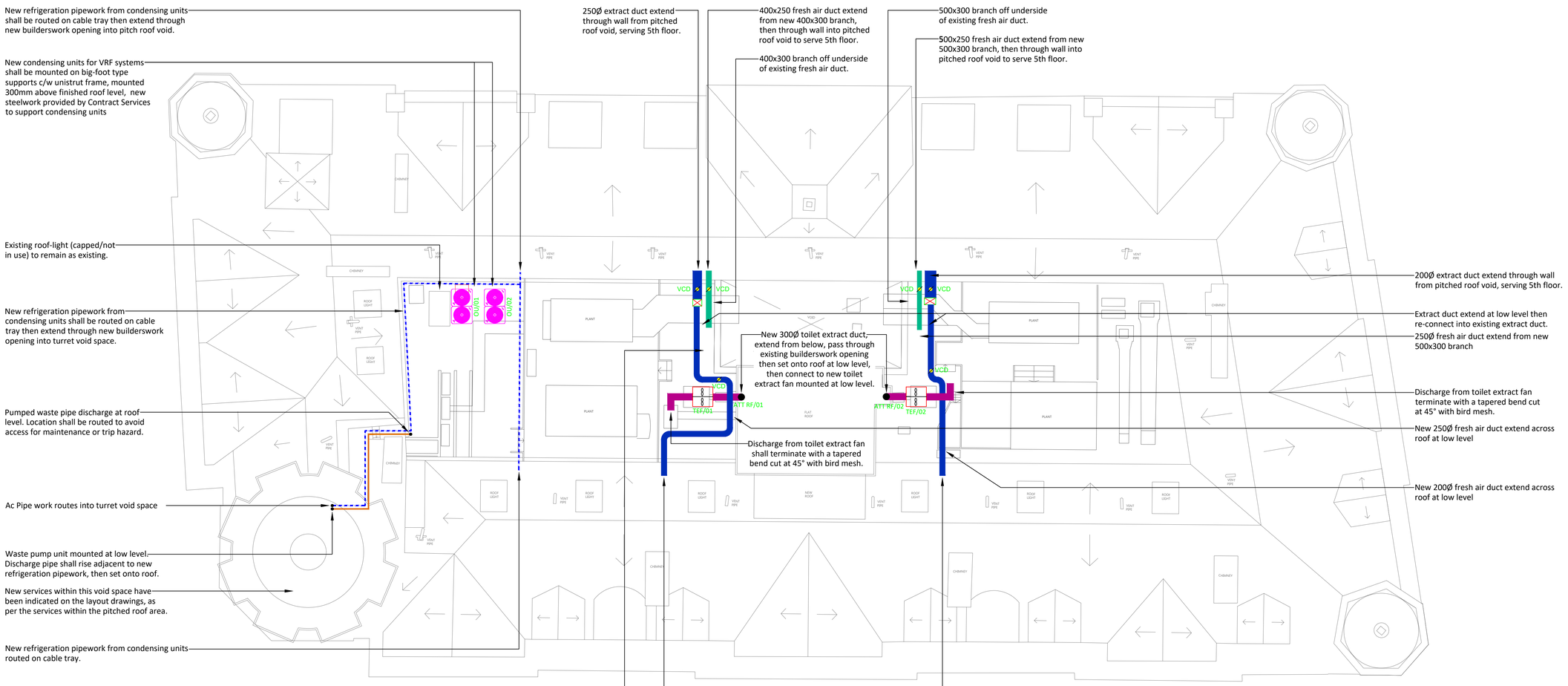
Notes:
Unit selections based on FlaktWoods.
Units shall be provided c/w speed controllers.



Indicative Elevation On Supply Riser



Indicative Elevation On Extract Riser



Notes:

1. This drawing to be be read in conjunction with all other drawings and specifications.
2. New builderswork holes will be formed by Contract Services, including fire stopping where necessary.
3. All new ductwork will contain air flow direction arrows.
4. Duct access panels for cleaning purposes will be located as per HVAC TR19.
5. All pipework will be fully bonded to earth.
6. Refrigeration pipe work will be mounted on cable tray.
7. Where new ductwork extends from existing, all duct insulation will be made good and finished in matching materials as existing.
8. All new externally mounted ductwork will be insulated and finished in black PIB.
9. Where new ductwork and refrigeration pipework extends into roof void, new builderswork openings will be formed (and supported with a lintel if necessary), then sealed and weather-proofed to provide a neat finish with matching materials as existing.
10. Condensing units will be installed and spaced in accordance with the manufacturer's recommendations.

REVISION A AMENDED FOLLOWING COMMENTS	DRAWN	DH	DATE 24/11/24

DRAWING STATUS			
	SKETCH	BUILDING REGS	
	PRELIMINARY	TENDER	
	APPROVAL	CONSTRUCTION	
	PLANNING	DRAFT AS BUILT	

OZONE COOLING SOLUTIONS LTD
| Unit D5, Gate 4 | Meltham Mills Ind Est |
Huddersfield | HD9 4DS |

PROJECT
196 DEANSGATE

DRAWING
ROOF LEVEL
AC & VENTILATION SERVICES

SCALE AT A1	DATE	DRAWN BY	CHECKED BY
1:50@A1	NOV/24	DMH	RD

DRAWING No.	CONTRACT No.	REVISION
M25	C2024-2367	A

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DO NOT SCALE.
THE CONTRACTOR IS RESPONSIBLE FOR CHECKING DIMENSIONS WHICH ARE IN MILLIMETRES, UNLESS OTHERWISE STATED.