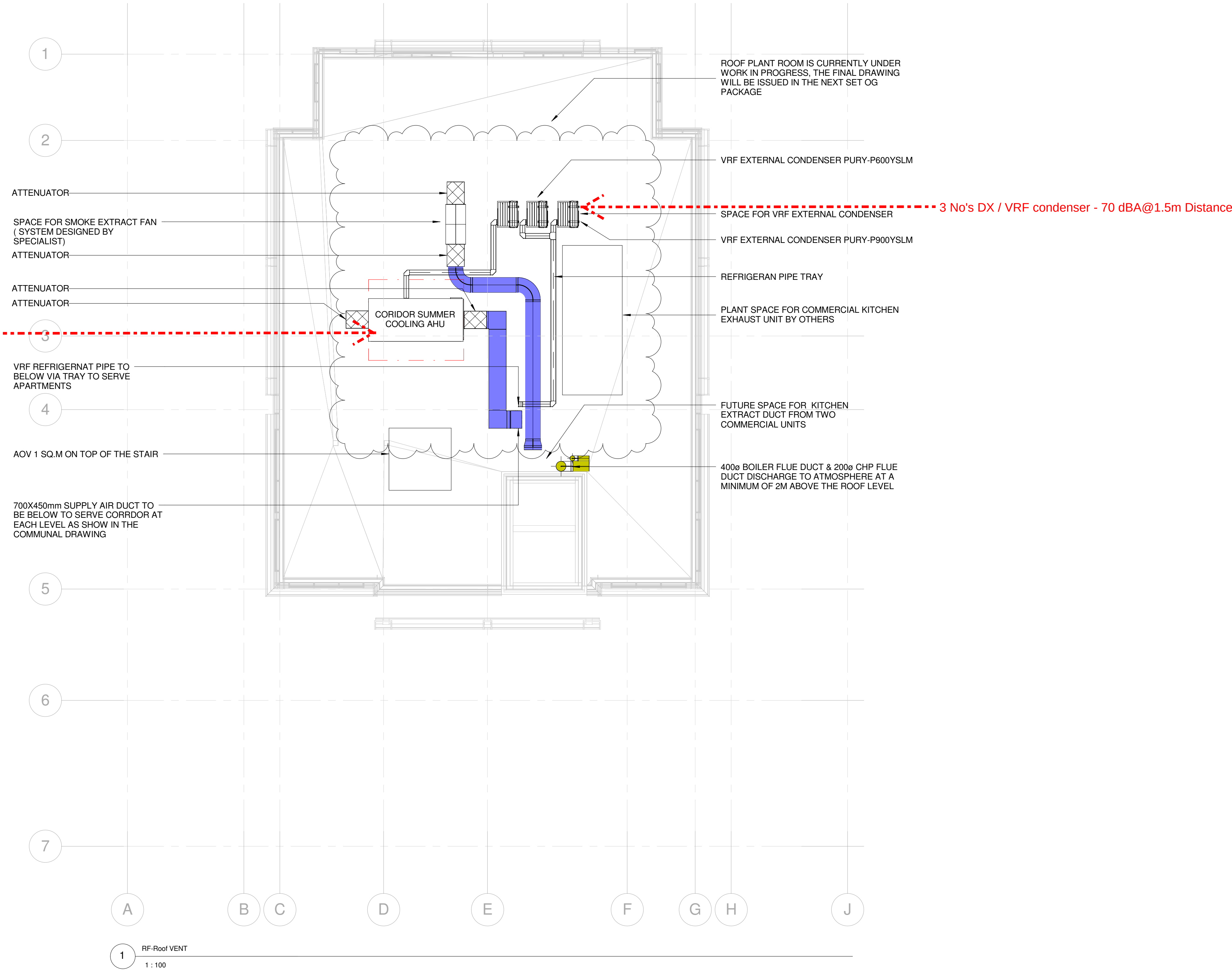


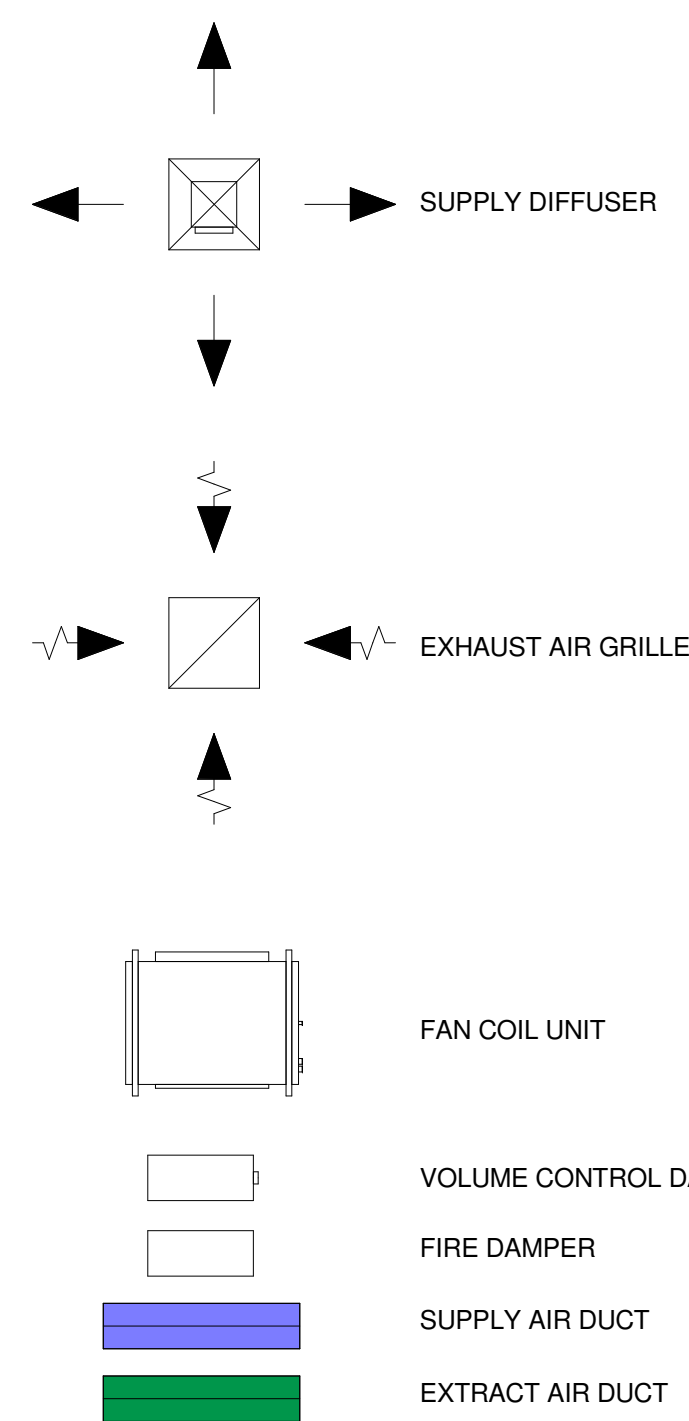
AHU- 54 dBA@3m Distance



NOTES

- DO NOT SCALE
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER ARCHITECTS, STRUCTURAL ENGINEERS AND BUILDING SERVICES DRAWINGS, SPECIFICATIONS AND SCHEDULES.
- ALL DIMENSIONS IN MILLIMETERS.
- ALL FINAL SETTING OUT TO BE BY ARCHITECT.
- ALL DUCTWORK WITHIN INDIVIDUAL APARTMENTS IS TO BE ROUTED IN A CONCEALED MANNER, UTILIZING AVAILABLE CEILING VOIDS.
- THE CONTRACTOR SHALL ALLOW ALL ANCILLARIES AND CONNECTION PIECES REQUIRED FOR A COMPLETE INSTALLATION.
- DUCTS CONNECTING TO/FROM FACADE FOR INTAKE/EXHAUST AIR SHALL BE INSULATED.
- LOUVRES AND AIR BRICKS SHALL BE INSTALLED BY THE MAIN CONTRACTOR AS PART OF THE FACADE SYSTEM.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL FINAL COMMISSIONING AND TESTING OF VENTILATION SYSTEM.
- ALL FILTERS SHALL BE REPLACED AT POINT OF HANDOVER.
- MINIMUM DISTANCE BETWEEN FRESH AIR & EXHAUST LOUVRES TO BE AS PER BUILDING REGULATIONS.
- DURING NORMAL SUMMERTIME OPERATION THE SUPPLY & EXTRACT FANS SHALL REMAIN OFF UNTIL THE INTERNAL TEMPERATURE WITHIN THE LOBBY / CORRIDOR EXCEEDS 23°C. AT THIS POINT THE RESPECTIVE FLOOR SUPPLY AIR SMOKE DAMPER & EXTRACT AIR AOV SHALL MOTOR OPEN AND THE SUPPLY & EXTRACT FAN SPEEDS SHALL INCREASE AS NECESSARY TO SUIT THE NUMBER OF FLOORS SERVED. AS TEMPERATURES WITHIN THE LOBBIES / CORRIDORS FALL BELOW 23°C, THE RESPECTIVE FLOOR SUPPLY AIR SMOKE DAMPER & EXTRACT AIR AOV SHALL MOTOR CLOSED & THE SUPPLY & EXTRACT FAN SPEEDS SHALL DECREASE TO SUIT.
- UNDER A FIRE CONDITION THE SMOKE DETECTOR SHALL ENABLE THE EXTRACT FAN TO DRAW SMOKE FROM THE RESPECTIVE LIFT LOBBY / CORRIDOR IN CONJUNCTION WITH THE HIGH LEVEL EXTRACT AIR AOVs. SMOKE SHALL BE DISCHARGED TO ATMOSPHERE AT ROOF LEVEL.
- FOR CLARITY ON HOW CORRIDOR VENTILATION SYSTEM OPERATES PLEASE REFER TO RELEVANT SECTION OF THE MECHANICAL SPECIFICATION.

LEGEND



T02	31.05.17	ISSUED FOR TENDER	SD	TOS	SM	TOS
T01	19.05.17	ISSUED FOR TENDER	SB	TOS	SM	TOS
Rev	Date	Description	Dm	Orig	Chk	App



Name of Job
120 Kings Road, Reading, RG1 3DA

Title of Drawing
Mechanical Services - Roof Level Ventilation Services Layout

Drawing No: L16033-EDC-00-RF-DR-H-3000

Scale @ A1
As indicated

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engineering design consultants

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