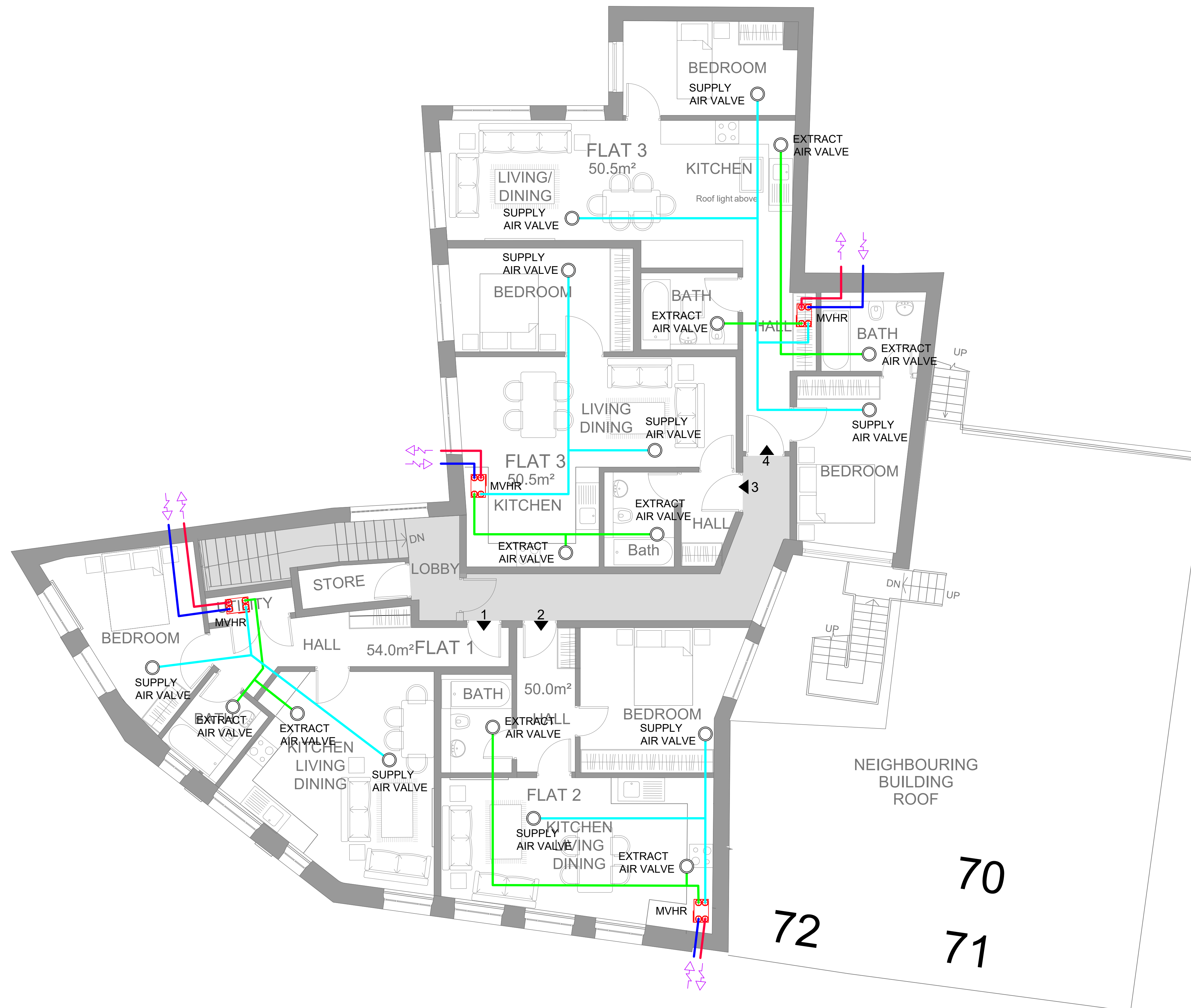




SECOND FLOOR PLAN

General Notes

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS.
2. THIS DRAWING MUST NOT BE SCALED.
3. THE MECHANICAL SERVICES CONTRACTOR IS FULLY RESPONSIBLE FOR ALL ON-SITE CO-ORDINATION OF THEIR SERVICES WITH ALL OTHER SERVICES AND BUILDING STRUCTURE TO ENSURE A NEAT AND ACCESSIBLE INSTALLATION.
4. ALL EQUIPMENT TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS & GUIDANCE.
5. ALL FLEXIBLE DUCTWORK TO BE ADEQUATELY SUPPORTED TO PREVENT 'SAGGING'.
6. FIRE DAMPERS SHALL BE INSTALLED WHERE DUCTWORK PENETRATES A FIRE PARTITIONS AND FLOORS /CEILINGS. THESE SHALL BE INSTALLED IN ACCORDANCE WITH DW145.
7. ALL DUCTWORK CARRYING TEMPERED AIR SHALL BE INSULATED IN ACCORDANCE WITH BS5422:2009.
8. DUCTWORK ACCESS SHALL BE PROVIDED IN ACCORDANCE WITH TR19 SECTION 3.
9. EACH FLAT TO BE SERVED BY A CONTINUOUS BALANCED MECHANICAL VENTILATION WITH HEAT RECOVERY (MVHR) SYSTEM IN ACCORDANCE WITH APPROVED DOCUMENT F, VOLUME 1 (SYSTEM 4). PROPOSED UNIT: NUAIRE MRXBOX HYBRID COOLING SYSTEM (MVHR WITH INTEGRAL COOLING MODULE).
10. COMFORT COOLING TO EACH FLAT TO BE PROVIDED BY THE INTEGRAL COOLING MODULE OF THE MRXBOX UNIT, WHICH COOLS THE FILTERED FRESH-AIR SUPPLY DELIVERED THROUGH THE MVHR DUCTWORK AND ROOM TERMINALS. COMBINED COOLTH-RECOVERY AND SENSIBLE-COOLING OUTPUT IN EXCESS OF 2 KW PER DWELLING. COOLING IS OCCUPANT-CONTROLLED VIA A WALL-MOUNTED COOLING-STAT IN EACH FLAT. NO ROOM-BY-ROOM AIR CONDITIONING. INDOOR FAN-COIL UNITS, REFRIGERANT PIPEWORK WITHIN HABITABLE ROOMS, OR EXTERNAL CONDENSER UNITS ARE PROPOSED.

SCAN THE QR CODE BELOW TO SUBMIT A DRAWING-RELATED CLARIFICATION QUERY.



RESPONSES ARE PROVIDED FOR CLARIFICATION PURPOSES ONLY AND DO NOT CONSTITUTE A SITE INSTRUCTION OR VARIATION APPROVAL.

No.	Revision/Issue	Date
P02	MVHR Details added	11.09.26
P01	For Building Control	06.07.26

APPROVAL



PR architecture

Drawing Number 883H-SDC-02-DRG-M-57001	
Drawing Title MVHR Layout	
Project Name Broad Street	Rev P02
Date 06-07-2026	
Scale XX @ A1	Drafted MR
	Designed CM
	Approved CM