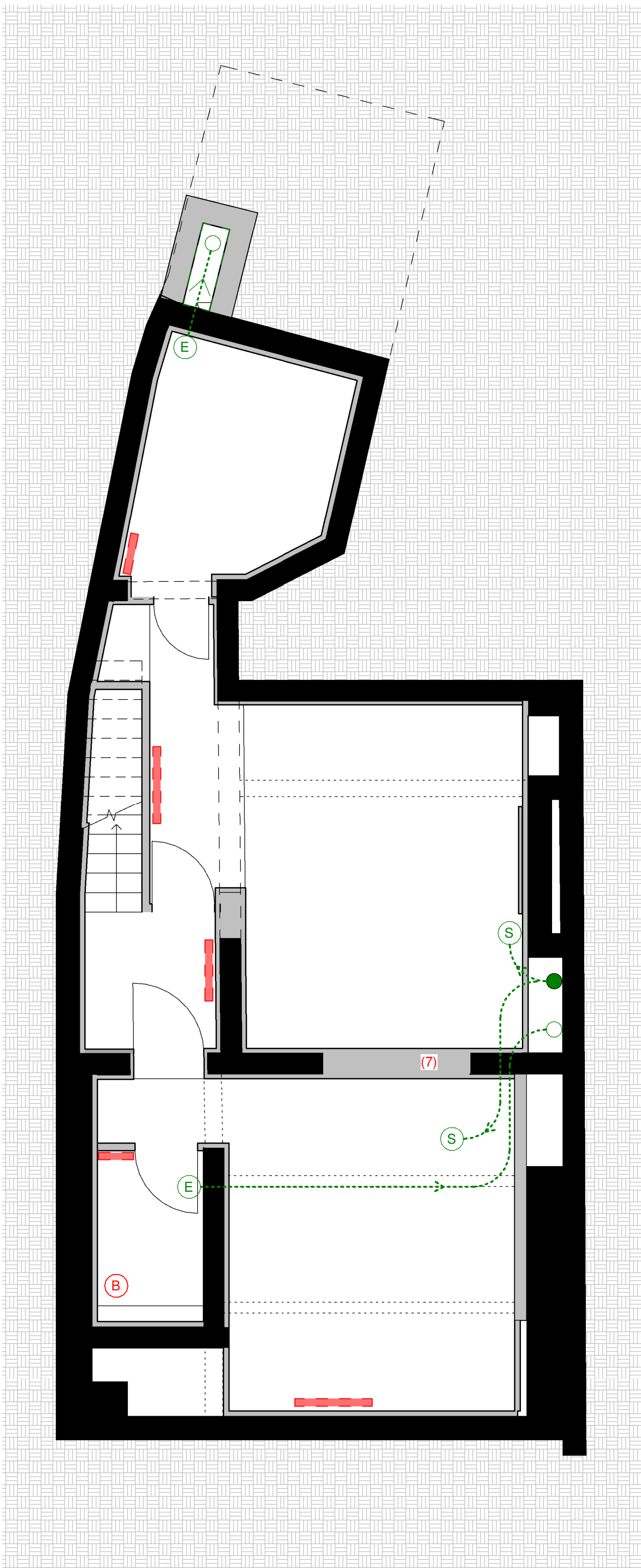




M&E STRATEGY - Basement
1 : 50

KEY

- Existing layout
- Proposed layout
- Projection (Above) of existing beam to be retained
(To be confirmed by SE)
- Projection (Above) of existing beam to be removed
(To be confirmed by SE)
- Proposed service void

VENTILATION SYSTEM

- Proposed location for MVHR
- Supply air duct - suggested semi rigid ductwork
(To be confirmed by M&E engineer)
- Extract air duct - suggested semi rigid ductwork
(To be confirmed by M&E engineer)
- Supply air terminal
- Extract air terminal

General notes to approximate the dimensions of the service shaft to finalise the architectural layout:

MVHR unit A (3)

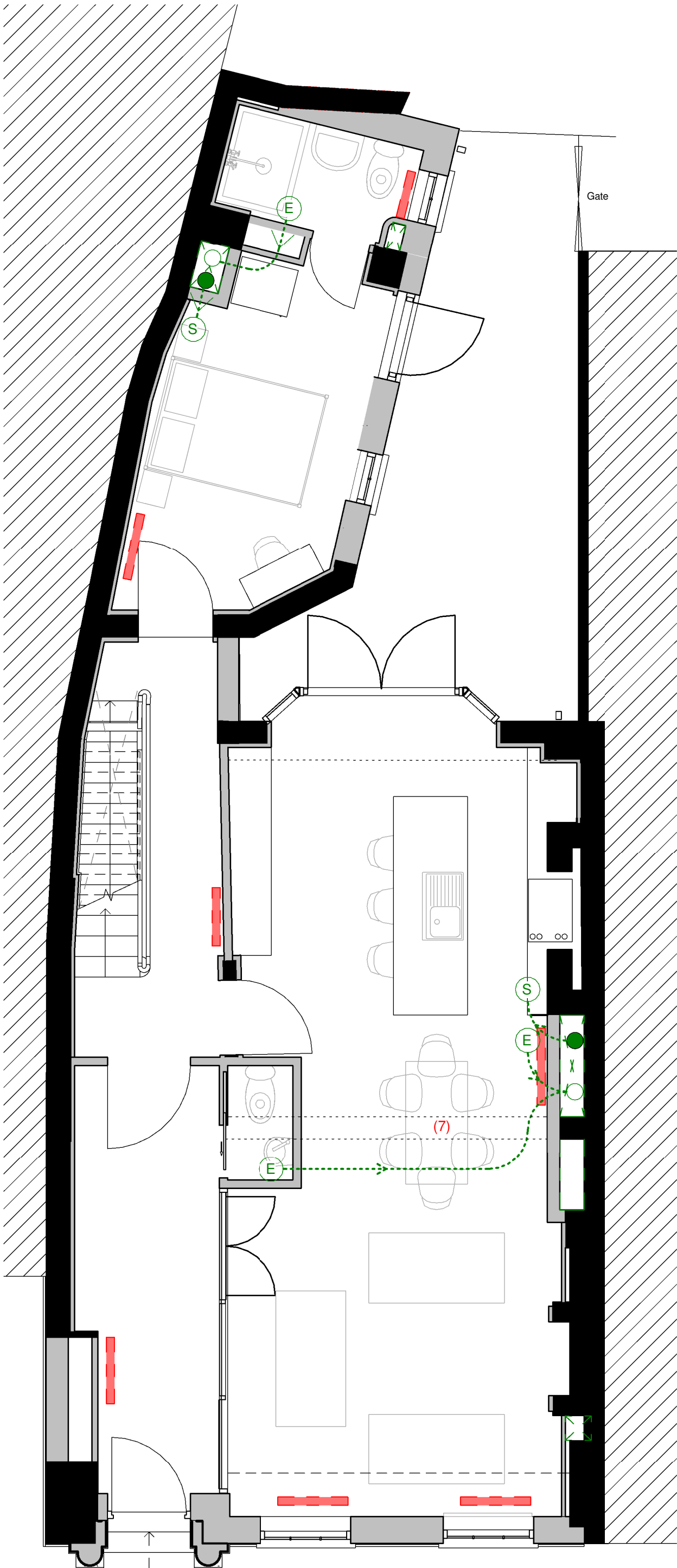
- Total air flow (m³/h) to provide: <226m³/h
- Allowance for 226m³/h air flow: 200mm diameter duct at 2m/s

MVHR unit B (7)

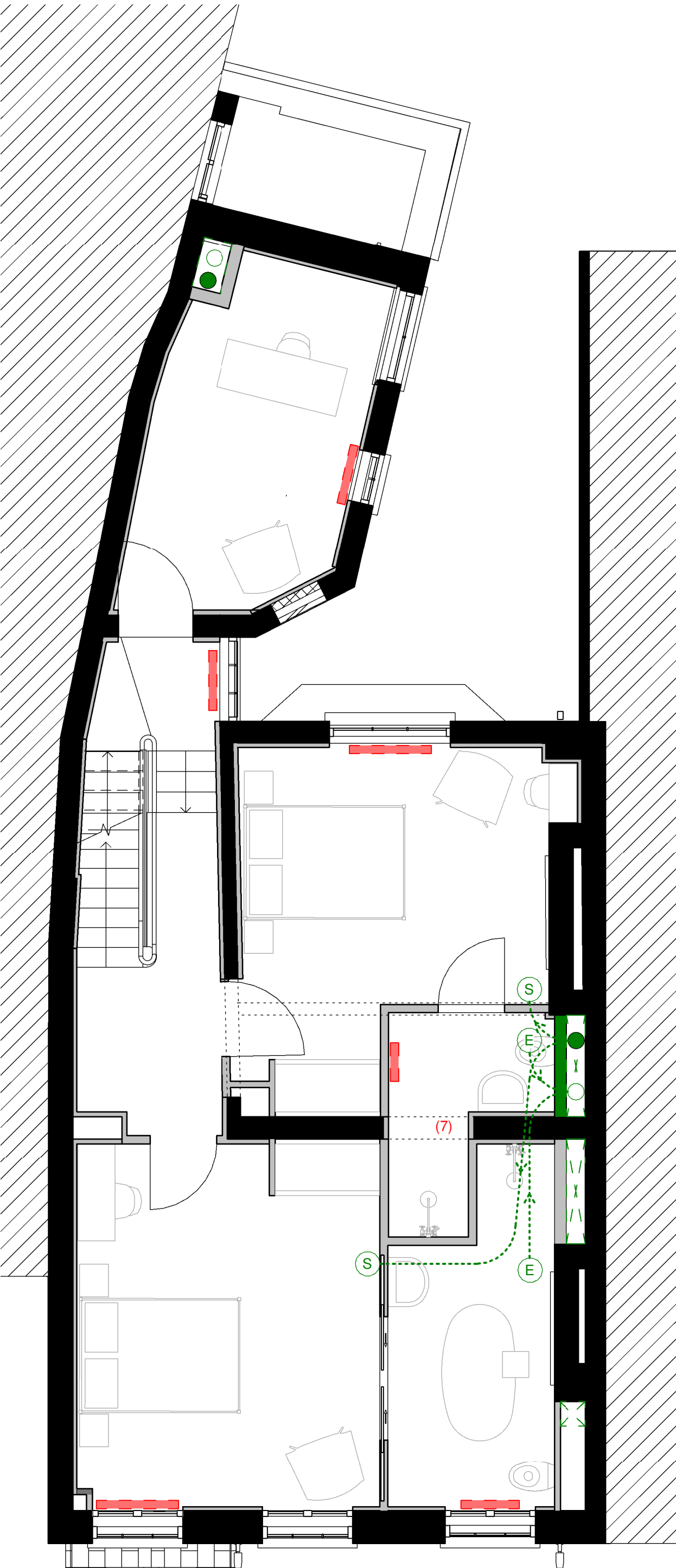
- Total air flow (m³/h) to provide <339m³/h
- Allowance for 339m³/h air flow: 200mm diameter duct at 3m/s

Consider noise attenuators between rooms (where required) to avoid cross talk (i.e. at ground floor level between reception and room). Pressure losses by ducting and noise attenuators not considered

All to be confirmed by Specialist M&E engineer



M&E STRATEGY - Ground Floor
1 : 50



M&E STRATEGY - First Floor
1 : 50

HEATING SYSTEM

- Radiator
- Technical room - Boiler and manifold

General notes to approximate the dimensions of the service shaft to finalise the architectural layout:

(Locations are approximate. Final position to be confirmed by Interior Designer and M&E engineer)

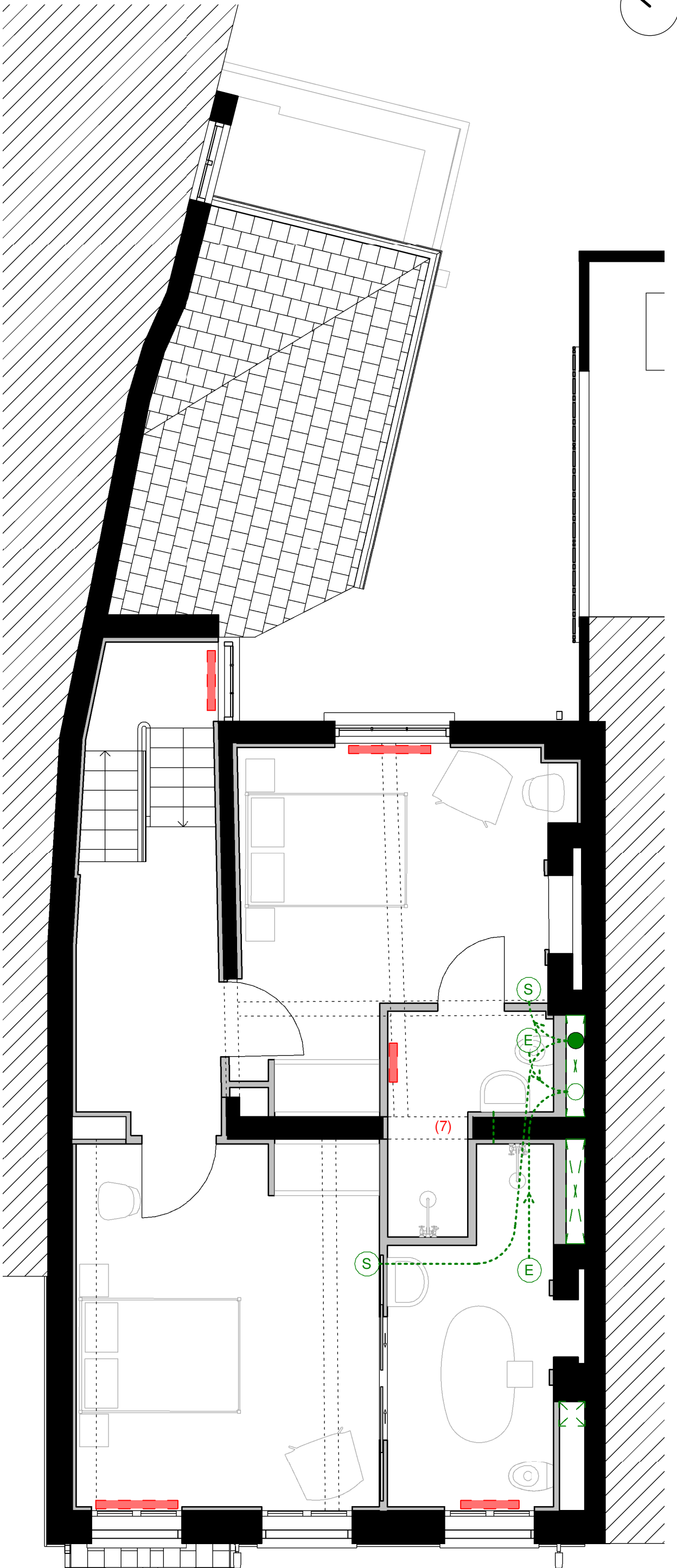
M&E engineer to confirm if current service voids / Technical room would be sufficient for the current layout

Additional comments to services following Proposed Roof layout:

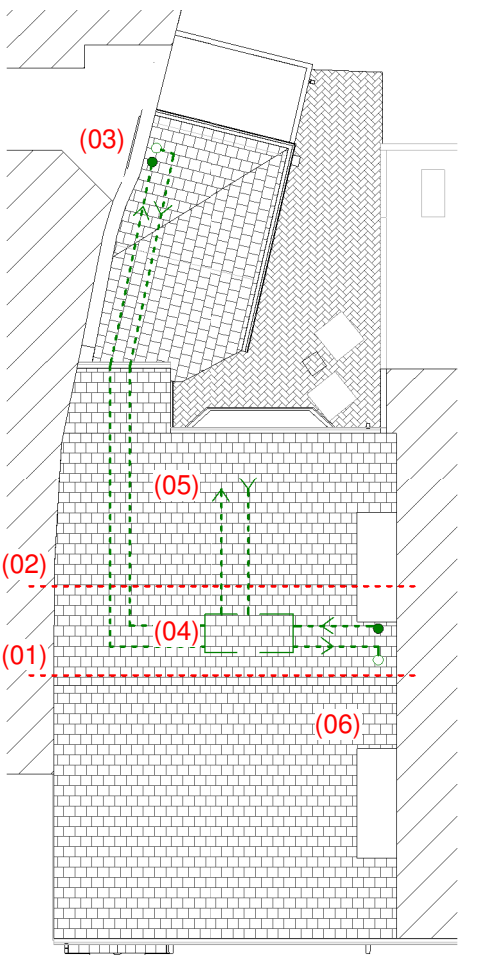
- Ridge roof line reference 2m internal height
- Line reference 1.2m internal height
- Supply and extract ducting to be externally insulated to avoid condensations. Ensure air tightness at joint with roof
- MVHR unit A (approximate dimensions availability for the unit within the under roof space (refer to points 1 and 2)
- Exhaust and Intake to be extended to the exterior for unit B (Ventilation)
- Service shaft
- Possible points where structural works may conflict with ventilation strategy

General notes to approximate the dimensions of the service shaft to finalise the architectural layout:

M&E engineer to confirm if current service voids would allow piping distribution to all rooms



M&E STRATEGY - Second Floor
1 : 50



The Principle Contractor is responsible for managing health and safety risks during the construction phase and must have the skills, knowledge and experience to carry out the work.

The contractor is to check and verify all building and site dimensions, levels and sewer invert levels at connection points before work commences.

This drawing must be read with and checked against any structural or specialist drawings provided.

The contractor is to comply in all respects with the current Building Regulations whether or not specifically stated on these drawings.

No dimensions are to be scaled from this drawing, all dimensions to be checked before work commences and any discrepancy to be reported to client.

Before work commences - ensure all Planning conditions and Building Regulation conditions have been resolved to the satisfaction of the Local Authority.

All works to comply with the workmanship clauses in BS8000 series and to be in full compliance with the Building Regulations.

Contractor is to notify Building Control at the appropriate stages in construction - necessary for them to determine the works statutory compliance.

Should the indicated thermal elements construction (walls / floors/ceilings / roofs / windows / doors) below be altered at the construction stage - contractor is to seek approval from Building Control prior to construction and is to be responsible for achieving the indicated minimum 'U' values for each element.

Contractor shall allow for the provision of all suitable access equipment and scaffolds and must comply with all health and safety legislation, including safe working at heights.

Contractor to remove all rubbish from site during the course of the building operations.

Contractor is to protect all existing fittings, furnishings, decoration etc and shall ensure that dust and disturbance is kept to a minimum for the works duration.

H&S Notes:

Large/ Heavy Glazing Units require specialist lifting equipment to install. Full height glazing will require temporary edge protection during install.

Window cleaning to be by long reach pole from firm level ground.

Future maintenance of windows, gutters, roofs and facias requires specialist access equipment such as fixed scaffolding.

All dimensions for Windows, Kitchen, Bathroom and specialist joinery and to be check on site prior to fabrication.

Drawing notes:

P1	21.01.2021	VK	Revised Planning - Residential
rev	date	issued	description

GUY TAYLOR ASSOCIATES NEWARK / MANCHESTER / DERBY	Newark Studio t: 01635 605100 Derby Studio t: 01332 557557 Manchester Studio t: 0161 8251042
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A1

Original Sheet Size

STATUS

Planning

PROJECT
St. James Residence
65 PRINCESS STREET, M2 4EG

CLIENT
Mr. Colin Shenton

DRAWING TITLE
M&E STRATEGY

SCALE	DATE	DRAWN	CHK
As indicated	10/30/20	AM	CR

DRAWING NUMBER	REVISION
19-0017-25-001	P1

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