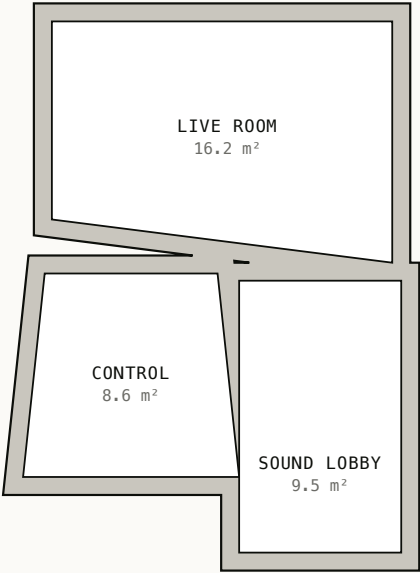


AJ RECORDS — RECORDING STUDIO, WALL SIZES & FLOOR IMPACT

8 Hanway Place, London · LGF · scale 1:75 · for J. Barnes / M. Scaife RFI, 17 Jul 2026 · G. Cyrus

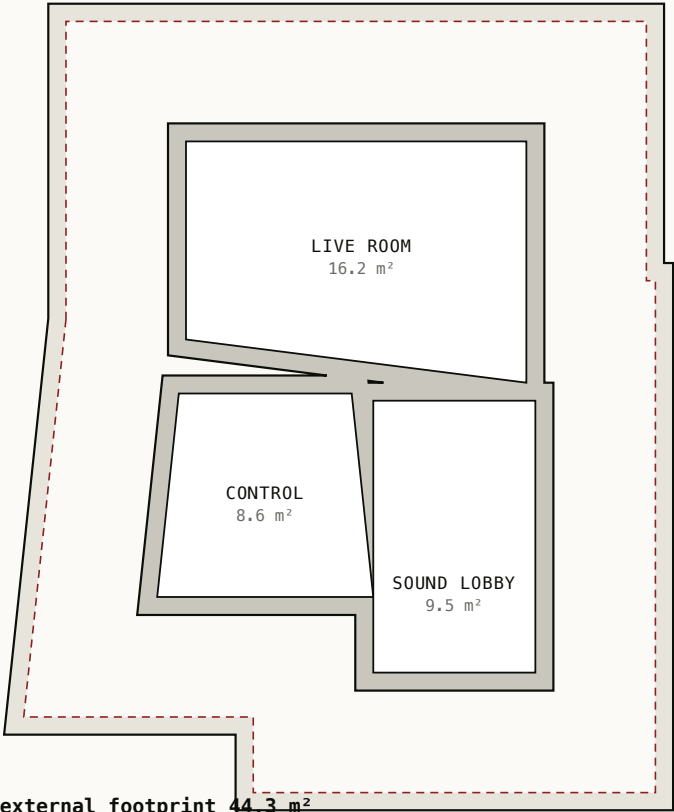
A · AS MODELLED

single 265 mm leaf



B · CAHILL CORRIDOR (1.5 m)

leaf + 1.5 m corridor + outer wall 50–55 Rw



- acoustic leaf (265 mm)
- corridor void (option B)
- usable studio

A — studio as modelled
B — Cahill 1.5 m corridor
Floor taken from the restaurant by option B

internal 34.3 m² · external footprint 44.3 m²
internal 34.3 m² (unchanged) · external footprint 107.4 m²
+63.1 m²

- Cahill spec (M. Scaife, 17 Jul): corridor ≥1.5 m clear of the studio walls, outer wall 50–55 dB Rw, 45 dB door.
- Option B wall face @4.5 m: 193 m² outer leaf + 213 m² inner leaf ≈ 406 m² total, over a 42.8 m outer perimeter.
- Boxes are free-standing inside the 4.5 m shell on 50 mm rubber + 100 mm floated slab; walls splayed (non-parallel).
- Live room 5.00 × 2.91–3.55 m; control 2.54 m front → 3.18 m rear × 3.01 m deep (RFZ); usable 34.3 m² either way.
- The corridor consumes ~63 m² of LGF to wrap a 34 m² studio — the construction envelope is nearly 2× the rooms.
- Geometry matches the 3D model (aj.luvlab.io → BUILD → 3D). Location shown as-modelled; final position per Cahill's sketch.