

PROPOSED FIRST FLOOR PLAN  
SCALE 1:50

**GLAZING & VENTILATION**

Glazing in all doors to be fitted with safety toughened or laminated glass except fire doors. All external windows and doors to have double glazed units with a 16mm air gap and low-E glass on the inner pane. All new windows to achieve a minimum 'U' value of 1.4W/m<sup>2</sup> and 1.4W/m<sup>2</sup> k for all new doors with more than 50% glazing.



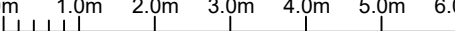
Habitable rooms to have a minimum opening of  $\frac{1}{20}$  of the internal floor area of the room with some part of that being at least 1750mm above finished floor level. Background ventilation is to be provided by trickle ventilators within the window to give a minimum free area of 8000mm<sup>2</sup>.

Safety glass to be used when lower than 800mm above the first floor level, all upper floor windows must be designed with means of escape. Shower/bathroom to have background ventilation of 4000mm<sup>2</sup> and fitted with a mechanical extractor vented to outside air to achieve 15L/S extraction. Existing roof to be provided with proprietary ventilators to achieve the equivalent continuous ventilation of 25mm (eaves) and 5mm ridge.

**RESISTANCE TO THE PASSAGE OF SOUND:**

Existing ceilings lath and plaster or 12.5mm plasterboard in good condition, add 100mm absorbent layer of Rockwool (min.density 10kg/m<sup>3</sup>) to be laid over new floor joists on chicken wire to give good sound resistance. Insulation to continue throughout entire area including storage voids.

Internal walls between a bedroom or a room containing a water closet and other rooms (reg.E2) timber frame with 12.5mm plasterboard linings on each side of frame; add 100mm absorbent layer of Rockwool linings (min.density 10kg/m<sup>3</sup> fixed to frame with a minimum distance between linings 75mm and absorbent layer of unfaced mineral wool batts of quilt which may be wire reinforced, suspended in the cavity. All joints to be well sealed.

Client	ALEX MARTIN	
Project	21 BAWDAL ROAD SE22 9DL	
Job Title	LOFT CONVERSION	
Drawing Title	FIRST FLOOR (PROP)	
Date	FEBRUARY 2024	Drawing No. 2024/337/03
Revision:		
Date:		
		
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0m 0.5m 1.0m 1.5m 2.0m 2.5m 3.0m 1:50  Scale Bar to A3 Paper		
0m 1.0m 2.0m 3.0m 4.0m 5.0m 6.0m 1:100  Scale Bar to A3 Paper		