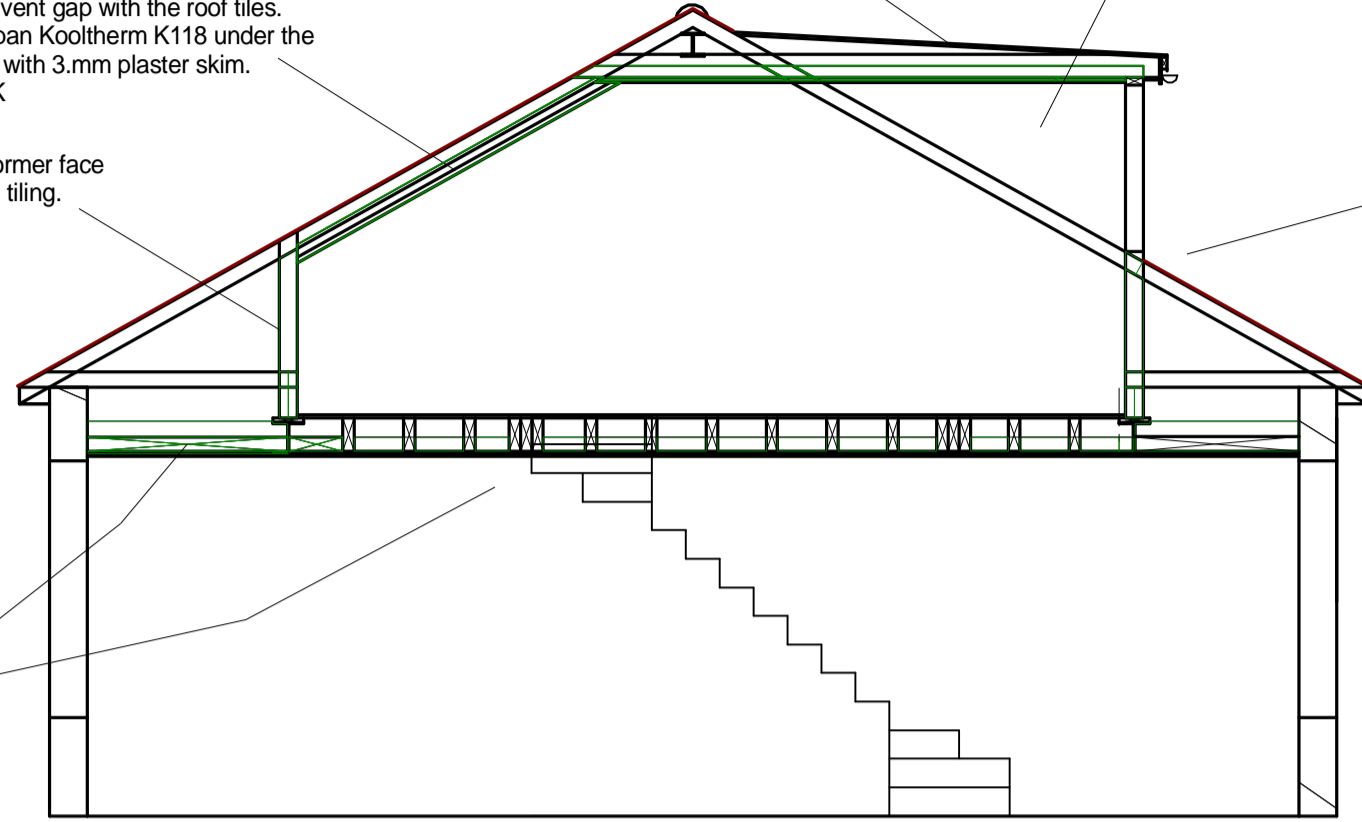


**Flat Roof:**  
 Single layer EPDM covering in grey.  
 18 mm ply decking 1:80 fall to the rear edge.  
 75 mm continuous vented cavity.  
 75 mm Kingspan Kooltherm K7 between joists.  
 32.5 mm Kingspan Kooltherm K118  
 3 mm plaster skim finish.  
 U-value = 0.25 W/m<sup>2</sup>K

**Pitched Roof:**  
 The existing 100 mm Jack rafters are to be packed out to be 150 mm deep.  
 Install 75 mm Kingspan Kooltherm K7 between the Jack rafters leaving 75 mm vent gap with the roof tiles.  
 Install 32.5 mm Kingspan Kooltherm K118 under the Jack rafters and finish with 3 mm plaster skim.  
 U-value = 0.25 W/m<sup>2</sup>K

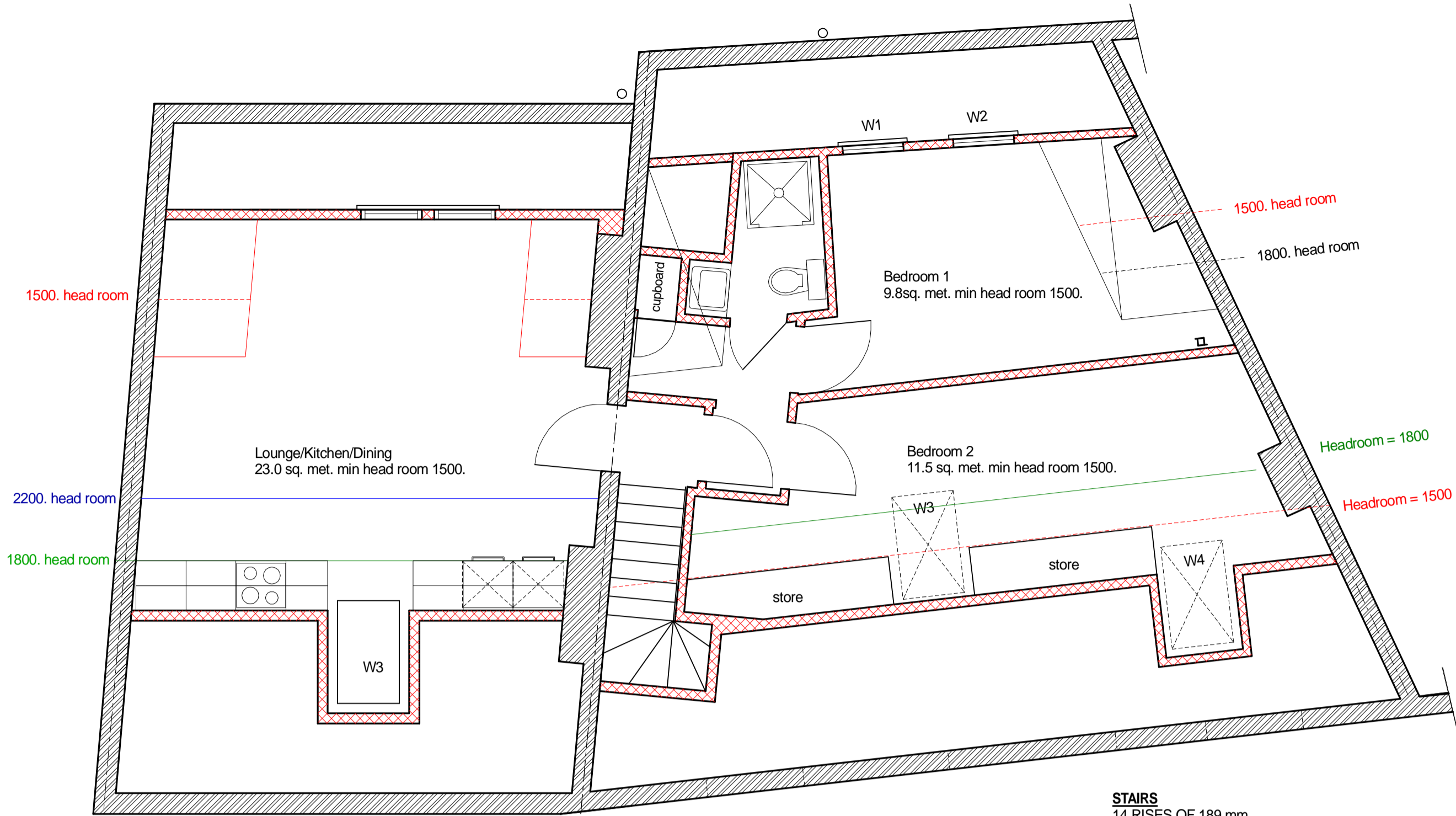
**Lead Flanking Dormer Faces:**  
 100 x 50, C16 timber studs @ 400 cts.  
 External - 9 mm OSB sheathing.  
 Kingspan Nilvent .17 Breathable membrane.  
 25 mm vertical batten ventilated cavity.  
 19 mm marine ply cladding covered with Lead to comply with Planning permission.  
 100 mm Kingspan Kooltherm K7 insulation between the timber studs.  
 Line internally with 500 gauge 0.12 mm polythene vapour control layer.  
 12.5 mm plasterboard  
 3 mm plaster skim finish.  
 U-value = 0.29 W/m<sup>2</sup>K

**Tiled Front Dormer Face:**  
 100 x 50, C16 timber studs @ 400 cts.  
 External - 9 mm OSB sheathing.  
 Kingspan Nilvent .17 Breathable membrane.  
 25 mm vertical batten ventilated cavity.  
 Cross batts and tile hung to comply with Planning permission.  
 100 mm Kingspan Kooltherm K7 insulation between the timber studs.  
 Line internally with 500 gauge 0.12 mm polythene vapour control layer.  
 12.5 mm plasterboard  
 3 mm plaster skim finish.  
 U-value = 0.29 W/m<sup>2</sup>K



200 mm Rockwool insulation slabs between ceiling & Loft.  
 100 mm Rockwool insulation slabs between Rooms with floor above.

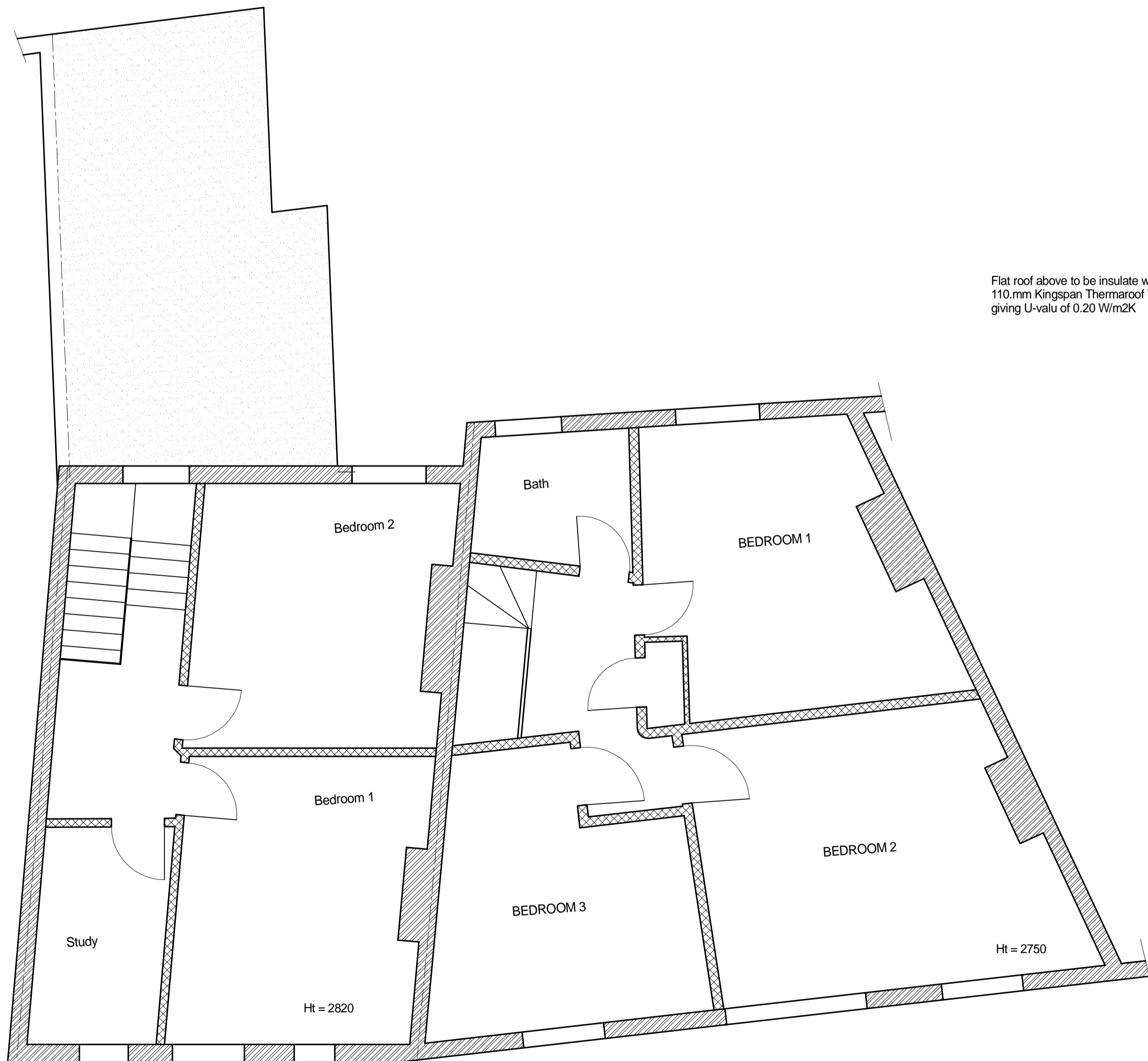
**LOFT EXTENSION INSULATION**



Gross Floor Area for Flat 5 = 64.9 sq. met.  
 58.0 sq. met floor space, headroom >1500.  
 6.9 sq. met storage.

**THIRD FLOOR PLAN (proposed)**  
 SCALE 1:50

**STAIRS**  
 14 RISES OF 189 mm,  
 GOINGS OF 225 mm  
 STAIRS WIDTH 800 mm,  
 BALUSTRADES HEIGHT 900 mm  
 ON RISE AND 1100 mm  
 ON LANDING.  
 MINIMUM HEADROOM OF 2000 mm.  
 Total rise to be confirmed by site measurements before ordering the stairs.

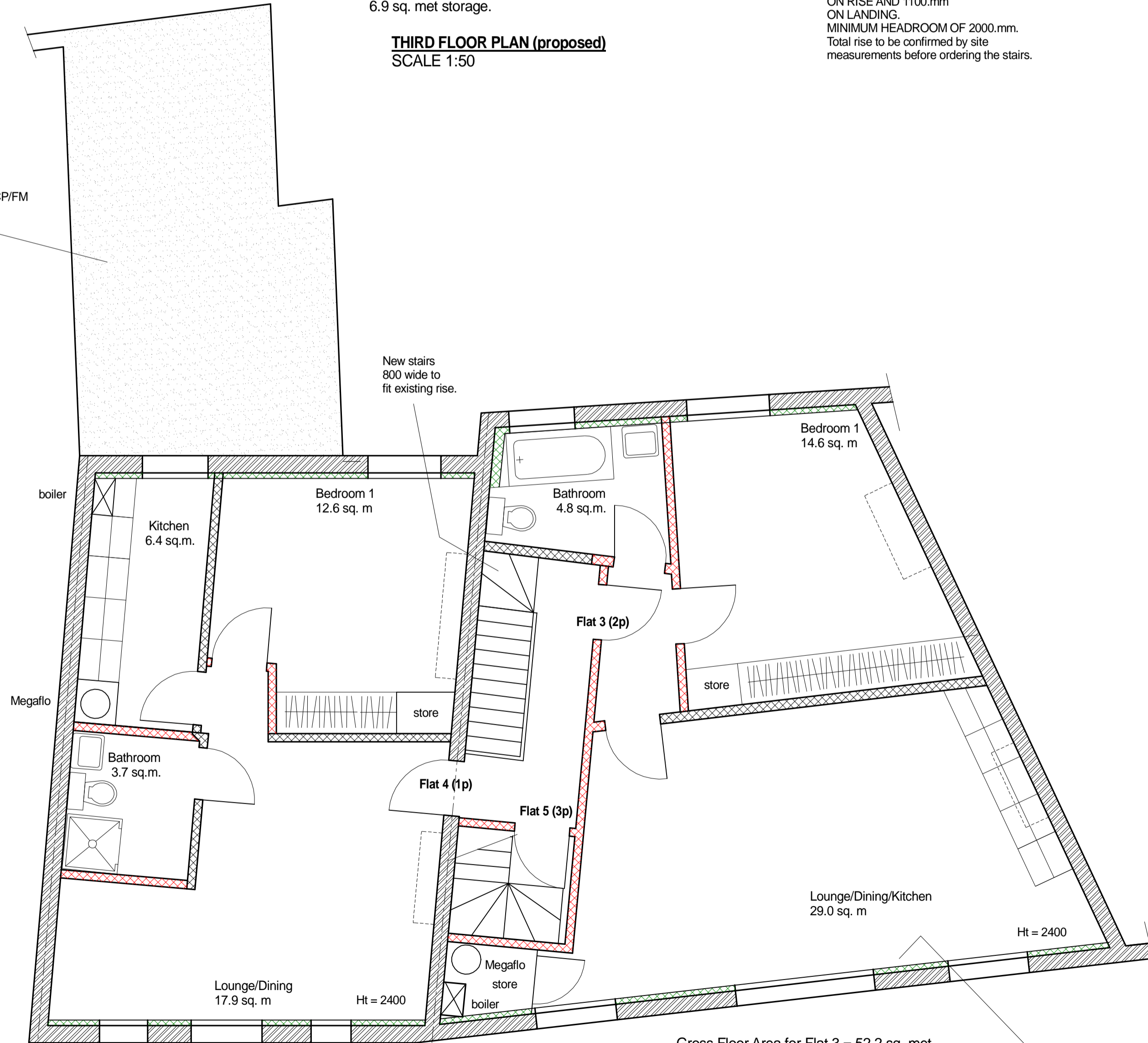


Gross 2nd Floor Area for No.10 = 39.3 sq. met.

Gross 1st Floor Area for No.8 = 59.3 sq. met.

**SECOND FLOOR LAYOUT (existing)**  
 scale 1:50

Flat roof above to be insulate with 110 mm Kingspan Thermaroof TR27 LCP/FM giving U-value of 0.20 W/m<sup>2</sup>K



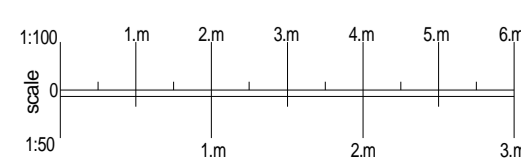
Gross Floor Area for Flat 4 = 44.0 sq. met.

Gross Floor Area for Flat 3 = 52.2 sq. met.

**STAIRS**  
 14 RISES OF 185 mm,  
 GOINGS OF 225 mm  
 STAIRS WIDTH 800 mm,  
 BALUSTRADES HEIGHT 900 mm  
 ON RISE AND 1100 mm  
 ON LANDING.  
 MINIMUM HEADROOM OF 2000 mm.  
 Total rise to be confirmed by site measurements before ordering the stairs.

50 mm Kooltherm K11 between 75 mm studs  
 32.35 mm Kooltherm K118 insulated plasterboard with 3 mm skim. U-value = 0.25 W/m<sup>2</sup>K.  
 Typical of all external walls.

**SECOND FLOOR LAYOUT (proposed)**  
 scale 1:50



C	28-02-2019	TITLE CHANGE
B	13-09-2017	FOR PLANNING APPROVAL
A	11-08-2017	FOR PLANNING APPROVAL
R	Date	Description

**ASPECT PROPERTY SERVICES LIMITED**  
 11 Ickenham Road, Ruislip, Middlesex HA4 7BT  
 tel : 01895 675233

Project 8a - 10a HIGH STREET  
 TEDDINGTON  
 TW11 8EW

Title **SECOND & THIRD FLOORS PLAN**

Scale 1:50 on A1	Drawn	Date April 2017
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Job No 2080	Orig .03	Rev C
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