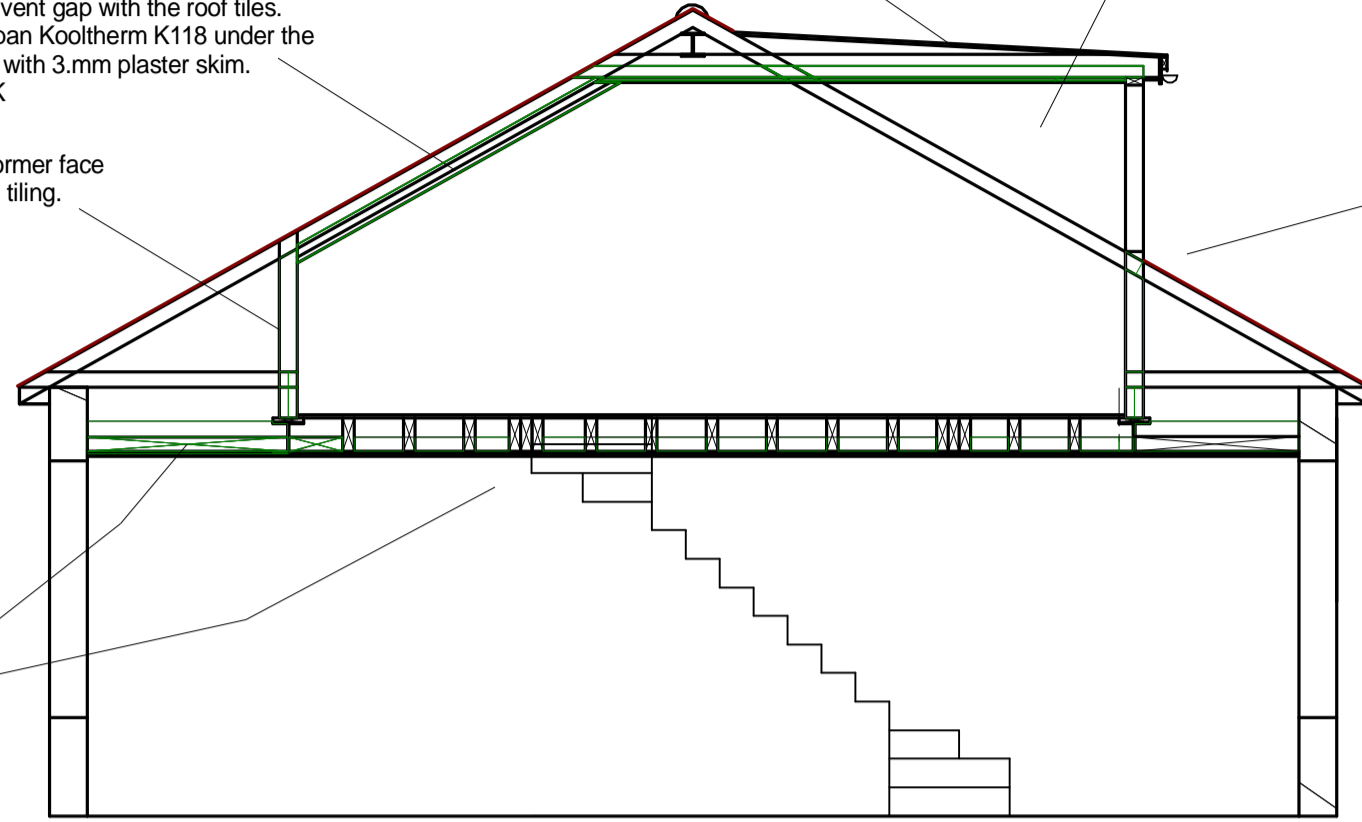


Flat Roof:
 Single layer EPDM covering in grey.
 18 mm ply decking 1:80 fall to the rear edge.
 75 mm continuous vented cavity.
 75 mm Kingspan Kooltherm K7 between joists.
 32.5 mm Kingspan Kooltherm K118
 3 mm plaster skim finish.
 U-value = 0.25 W/m²K

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/m²K

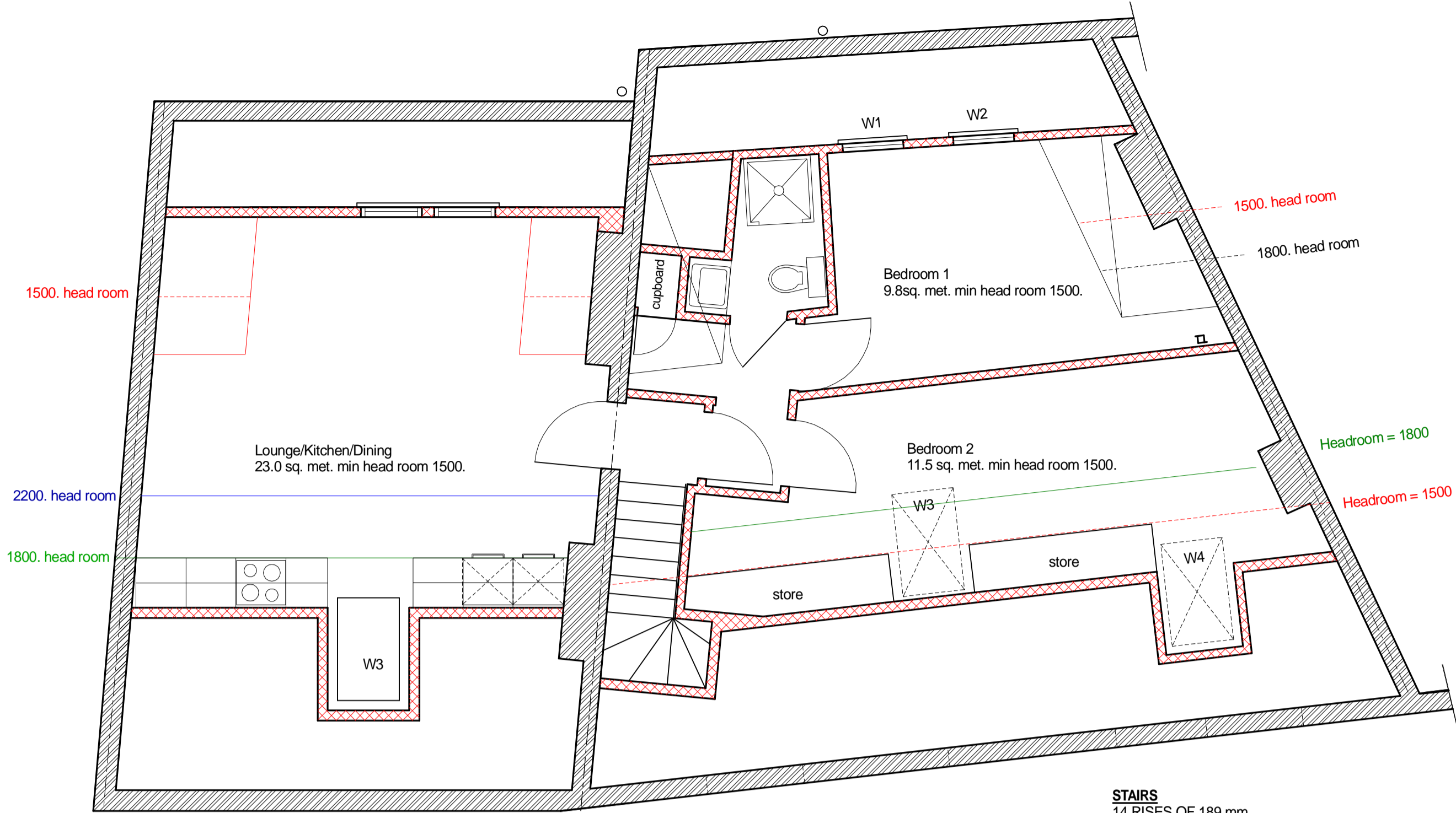
Lead Flanking Dormer Faces:
 100 x 50, C16 timber studs @ 400 cts.
 External - 9 mm OSB sheathing.
 Kingspan Nilvent .17 Breathable membrane.
 25 mm vertical batten ventilated cavity.
 19 mm marine ply cladding covered with Lead to comply with Planning permission.
 100 mm Kingspan Kooltherm K7 insulation 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/m²K

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/m²K



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.

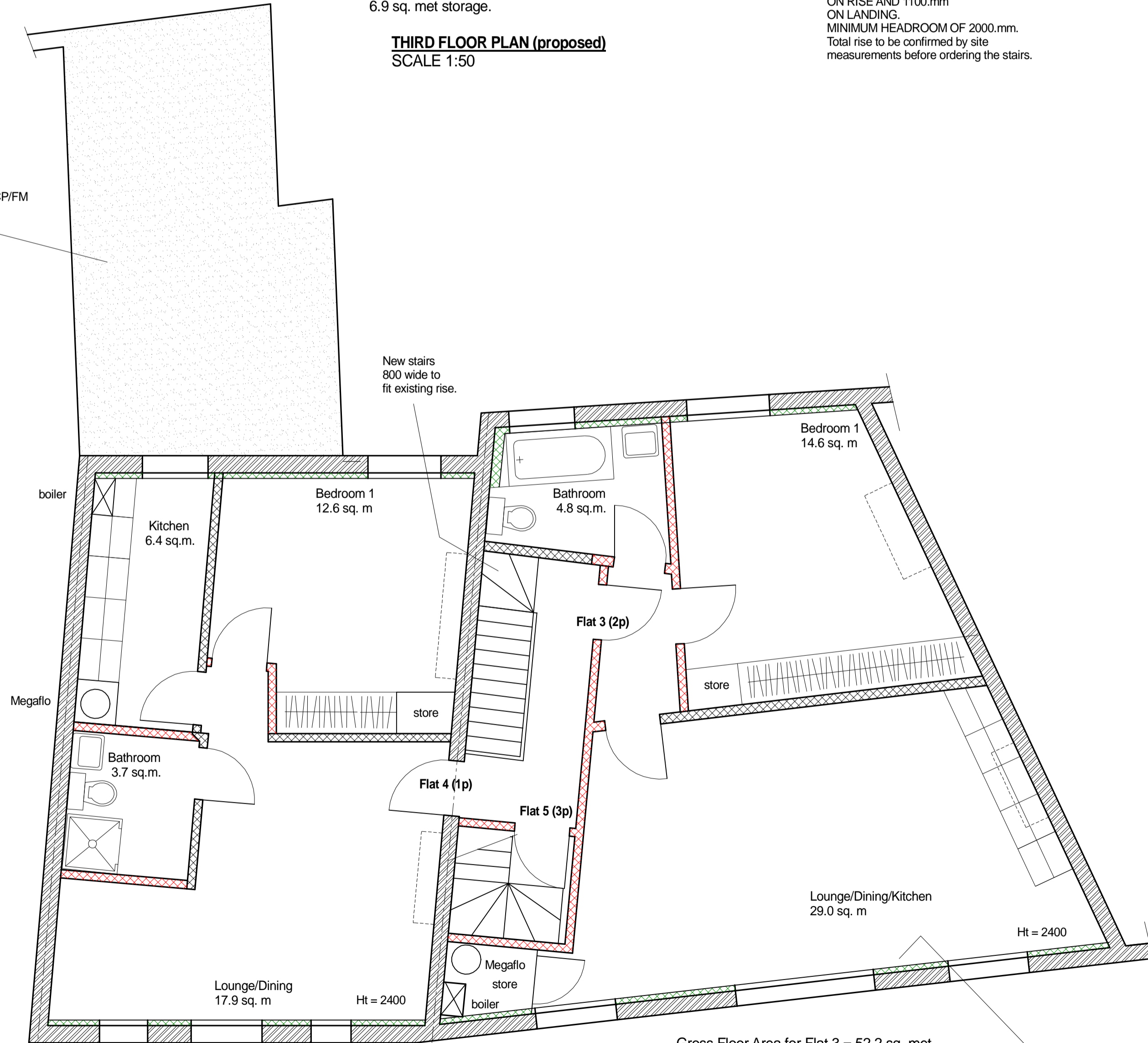
Flat roof above to be insulate with 110 mm Kingspan Thermaroof TR27 LCP/FM giving U-value of 0.20 W/m²K



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



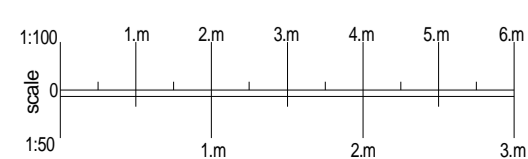
Gross Floor Area for Flat 4 = 44.0 sq. met.

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/m²K.
 Typical of all external walls.

SECOND FLOOR LAYOUT (proposed)
 scale 1:50



B	13-09-2017	FOR PLANNING APPROVAL
A	11-08-2017	FOR PLANNING APPROVAL
R	Date	Description

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

Title **SECOND & THIRD FLOORS PLAN**

Scale	Drawn	Date
1:50 on A1		April 2017

Job No	Orig	Rev
2080	.03	B