

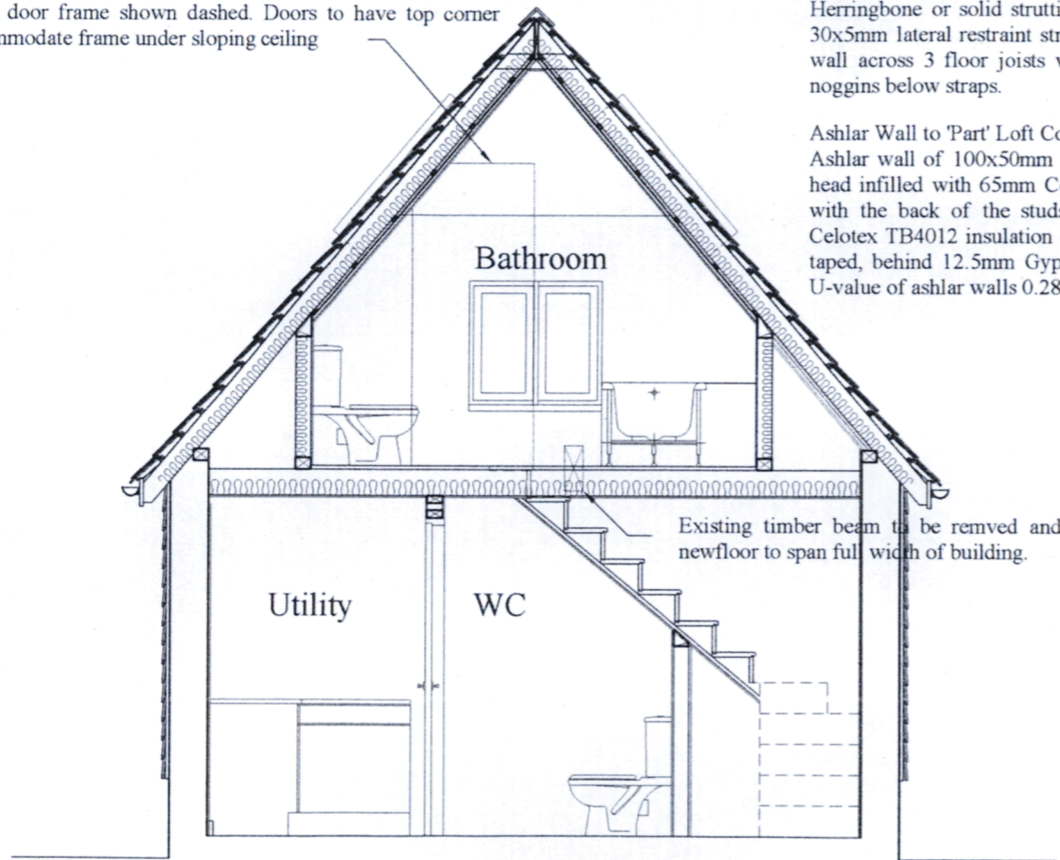
Existing Pitched Roof:  
Pitched roof of plain tiling on 38x25mm tanalised battens fixed with galvanised nails over sarking felt to 125mmx50mm rafters at 400mm centres at 50° pitch.

Ceiling joists 100mmx50mm at 400mm centres. 12.5mm foil backed plasterboard ceiling, finish to be agreed. Insulation to sloping ceiling to be 75mm Celotex FR5000 between rafters with 19x38mm timber battens fixed to underside of rafters lined with Actis Tri-Iso Super 10 multilayer insulation. Secure Tri-Iso with 19x38mm counter battens overlaid with 12.5mm Gyproc wallboard. Maximum U-Value for sloping ceiling 0.18W/m²k.

Ashlar wall of 100x50mm studs on 100x75mm sole plate and ex 100x75 head infilled with 65mm Celotex GA4065 insulation between studs, faced with 12mm Celotex TB4012 insulation with all joints taped behind 12.5mm Gyproc plasterboard with 5mm plaster skim coat.

Landing:  
2.0m head height over landing to be accommodated in recess to glass within window frame.

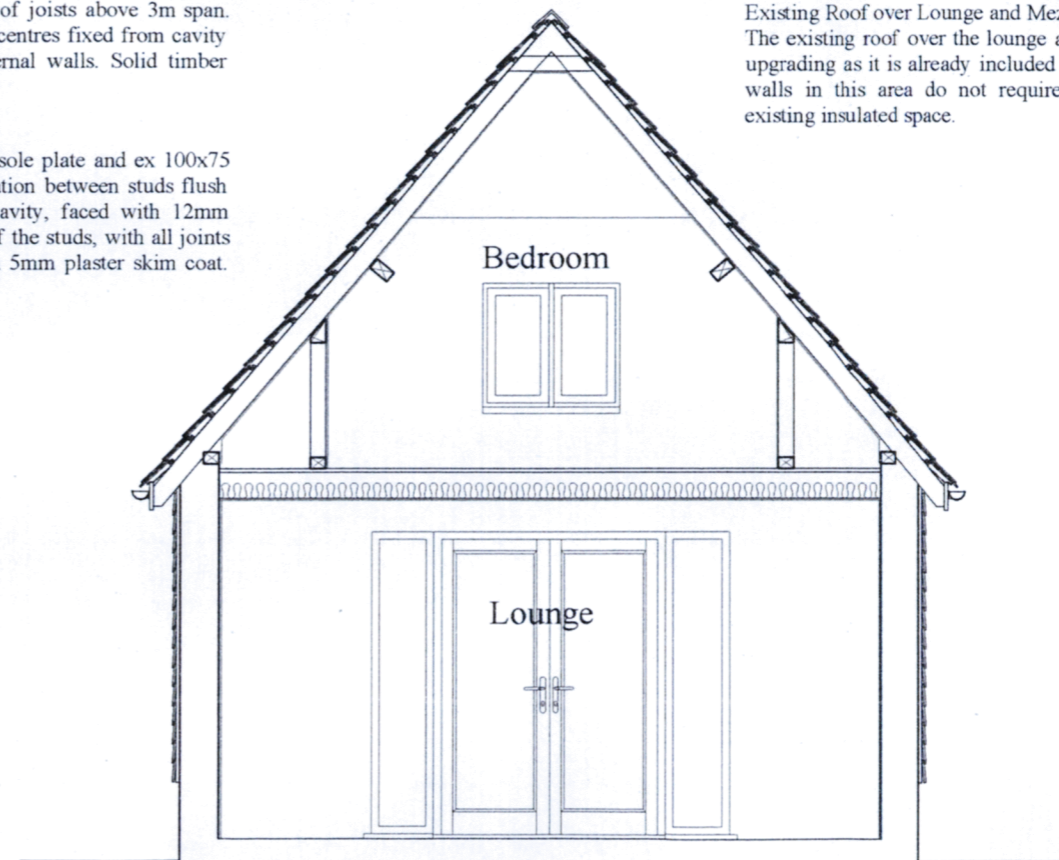
First Floor Doors:  
Line of first floor door frame shown dashed. Doors to have top corner chamfered to accommodate frame under sloping ceiling



SECTION B-B

First Floor to 'Part' Loft Conversion:  
First floor of 175mm x 50mm C24 timber joists at 400mm crs. Joists to be fixed on restraint style stainless steel hangers with 22mm flooring grade MR chipboard flooring. Herringbone or solid strutting built in mid span of joists above 3m span. 30x5mm lateral restraint straps at maximum 2m centres fixed from cavity wall across 3 floor joists where parallel to external walls. Solid timber noggins below straps.

Ashlar Wall to 'Part' Loft Conversion  
Ashlar wall of 100x50mm studs on 100x75mm sole plate and ex 100x75 head infilled with 65mm Celotex GA4075 insulation between studs flush with the back of the studs, leaving a 25mm cavity, faced with 12mm Celotex TB4012 insulation over the inside face of the studs, with all joints taped, behind 12.5mm Gyproc plasterboard with 5mm plaster skim coat. U-value of ashlar walls 0.28 W/m²K.



SECTION C-C

Ground Floor Ceiling:  
The ground floor ceiling is to provide 30mins fire resistance. 12.5mm Gyproc ceiling board will achieve the rating.

Existing Roof over Lounge and Mezzanine:  
The existing roof over the lounge and mezzanine do not require thermally upgrading as it is already included in the habitable space. The new ashlar walls in this area do not require insulation as they merely infill the existing insulated space.

Existing Structural Elements:  
All Existing structural elements under additional load are to be exposed and assessed by the Building Control Survey as suitable.

Staircase:  
Overall rise of stairs 2599.5mm. 12no. Equal risers of approx 216mm with goings of 245mm. Maximum pitch of stair 42°. 2m clear headroom above nosing line of stair. Minimum tread width of 50mm at tapered stair/newell post. Handrail 900mm above nosing line to longest side of stair. Balustrades with maximum 100mm gap, handrail set 900mm above landing. Stair soffit to have 30mins fire resistance provided by 12.5mm Gyproc Wallboard.

P.R. Correspondence?	
REF:	
22 OCT 2021	init
CHQ. DET. £	
DRAWER	

project INTERNAL ALTERATIONS TO DWELLING  
GOOSE MEADOW  
NEWNHAM LANE  
EASTLING  
ME13 0AT

client MRS SUE CHANDLER  
scale 1:50  
date AUGUST 2013  
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drawing title SECTIONS  
revisions

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