

basin waste 32mm diameter (upto max. 1.7m, or 40mm for runs upto 3.0m. Provide anti-siphon traps for runs in excess of this  
Smoke detectors to be mains powered on a separate circuit and interconnected

1/2 hour fire resistance to be provided to u/side of staircase where over accommodation below  
dormer studwork with 100mm Celotex & 30mm thermaboard/6mm skim plaster finish internally to achieve max 0.30W/m2K u-value  
pitched roof @ ceiling level to have 270mm rockwool insulation between & over ceiling joists to achieve max 0.16W/m2K u-value

Staircase to have min going of 220mm and max rise of 220mm to achieve max 42° pitch

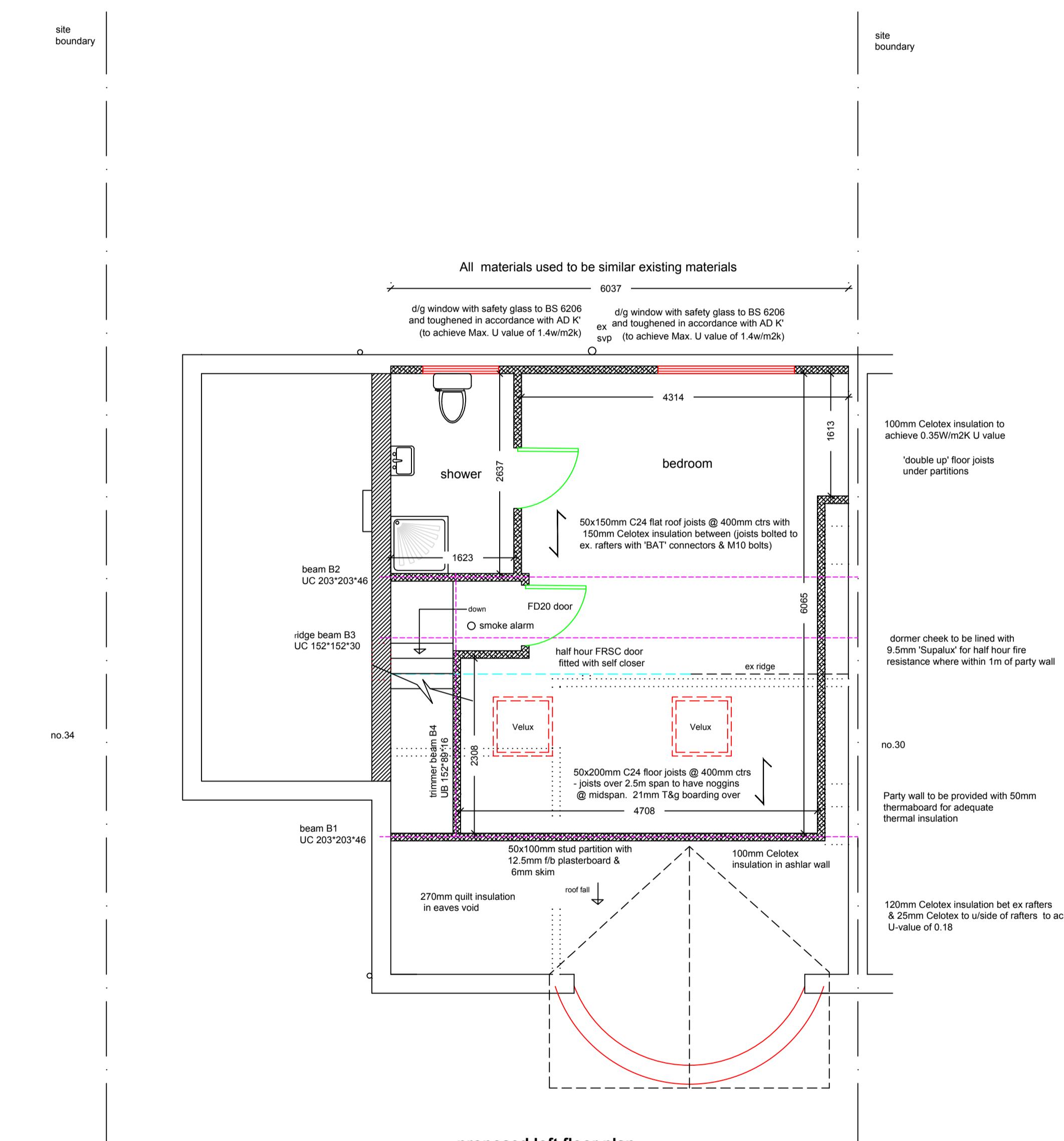
floor to have 270mm quilt insulation between & over joists to achieve max 0.22W/m2K u-value  
pitched roof @ rafter level to have 100mm Celotex between rafters with 30mm thermaboard  
/plaster finish internally to achieve max 0.20W/m2K u-value

All doors to protected stair enclosure are to be FD20 fire doors (with frames) with 1.5 pairs of steel hinges & self closers. Door stops 19x38mm (glued & screwed)

Glazing in critical areas to be provided with safety glass to BS 6206

Provide counter battens beneath vertical tile hanging to prevent premature corrosion of nail fixings, in accordance with tile manufacturer's guidelines

1. All doors to habitable rooms opening onto staircase at ground and first floor level to be half hour fire resisting and to be fitted with self closing devices & 25x38mm door stops, glued & screwed (if no other means of escape)
2. Provide power operated smoke alarms on ground & first floor ceilings & second floor landing area
3. Smoke detectors required to each landing level
4. Vertical insulation in roof void to continue to the ceiling insulation
5. All steel beams to be fire protected with 2 layers of 12.5mm f/b plasterboard and binding wire to provide half hour fire resistance
6. Provide trickle vents in new windows to achieve min. 8,000mm<sup>2</sup> of background ventilation
7. New loft room door to be half hour fire door fitted with steel hinges & self closing device & 25x38mm door stops, g
8. Provide mechanical ventilation to bathroom by means of extractor fan with 3 air changes per hour & 15 minute over run (min. capacity 15 litres/second)



new flat roof to have 150mm Celotex between joists to achieve max 0.20W/m2K u-value  
provide moisture resistant floor boarding in bathroom  
svp to terminate minimum 900mm above any window opening within 3metres  
Heating controls to any extension of existing heating system to be in accordance with A.D. part L,  
i.e. all new radiators to have TRV's, boiler to be operated by a full programmer to enable heating & hot water operations to be timed independently  
Energy efficient lighting to be LED light fittings, bulbs, reflectors, diffusers, housing, etc  
to control light output to have a luminous efficacy greater than 40 lumens per circuit  
watt

0m 5m 10m

NO MEASUREMENTS TO BE SCALED FROM THE  
DRAWINGS AND ALL ACTUAL MEASUREMENTS  
TO BE CHECKED & AGREED WITH CONTRACTOR  
ON SITE AT THE TIME OF CONSTRUCTION

General Notes

Drg. No.	SCT/0401/PD
No.	Revision / Issue
	Date

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Ruislip  
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Project	loft conversion	Sheet
Date	13-01-23	
Scale	1:50	03