

Cold Deck Roof: GRP or Asphalt covered. Min. 175 x 50mm C24 roof joists with 120mm Kingspan Kooltherm K7 insulation between. 37.5mm K18 insulation under joists.

Batten out existing rafters, dryline and insulate with 100mm Kooltherm K7 between joists & min. 52.5 Kooltherm K18 beneath rafters, as notes.

21mm T & G floorboards on C24 joists supported on "Simpson" strong tie hangers. New floor construction hung between existing ceiling construction to minimise floor depth.

Thruvent tiles at lower level. Number equivalent to continuous 25mm eaves vent and continuous proprietary vent Ridge tile system.

Firestop under beams with wire reinforced Rockwool. Sound insulation to new floors & internal walls.

105mm Kingspan Thermawall TW55 to roof void walls.

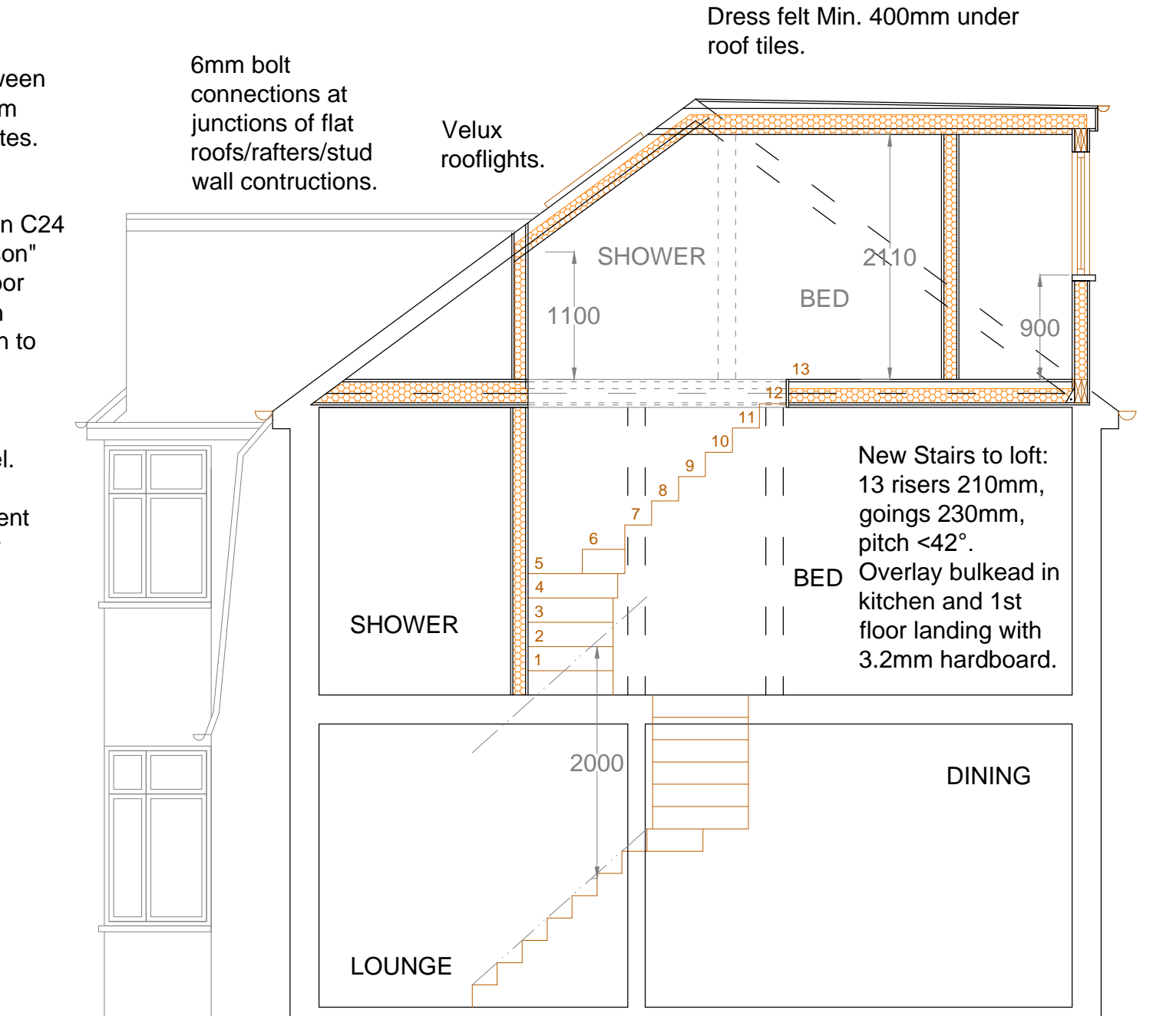
6mm bolt connections at junctions of flat roofs/rafters/stud wall constructions.

Dress felt Min. 400mm under roof tiles.

Over windows: 2 No. 150 x 50mm C24 bolted joists (at 900mm centres), supported on 2 150 x 50mm C24 studs either side. Window cill height 900mm. (125 x 6mm flitch plate recommended over doors or larger windows to limit deflection).

Double glazed windows with low E glazing. Whole unit to achieve a U-Value of 1.6W/m²K.

Spreader joists to be placed across all existing walls taking additional loads. Pack down new joists onto support walls. Double 100 x 50mm C24 joists on existing ceiling joists to spine wall.

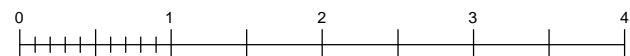


8a PARK AVENUE., HOUNSLOW, TW3 2LZ

CLIENT: MR ADAM GIBBENS

SURVEY DATE: 26/03/21 ISSUE DATE: 23/04/21	
PROJECT: LOFT CONVERSION	DRAWN BY: CG
DRAWING TITLE: PROPOSED SECTION	REVISION: DATE:
<input type="checkbox"/> Full planning <input type="checkbox"/> Prior Approval <input checked="" type="checkbox"/> Permitted Development	<input type="checkbox"/> Building Control <input type="checkbox"/> Draft <input type="checkbox"/> Other
SCALE: 1:50 / A3	
DWG NO: 06	

Verify all dimensions on site before commencing any work or shop drawings. Allow 50mm for tolerance to all dimensions.



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