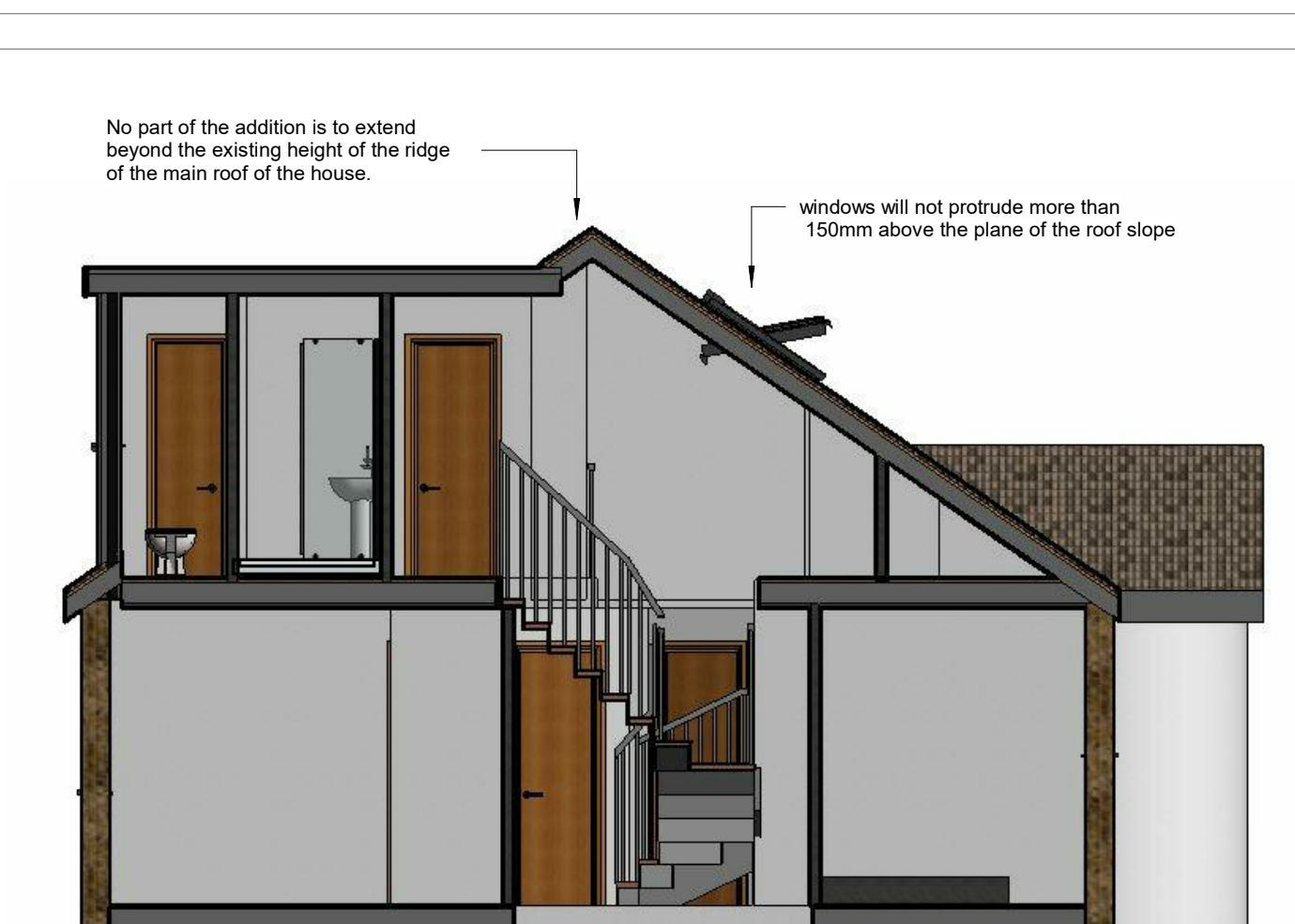
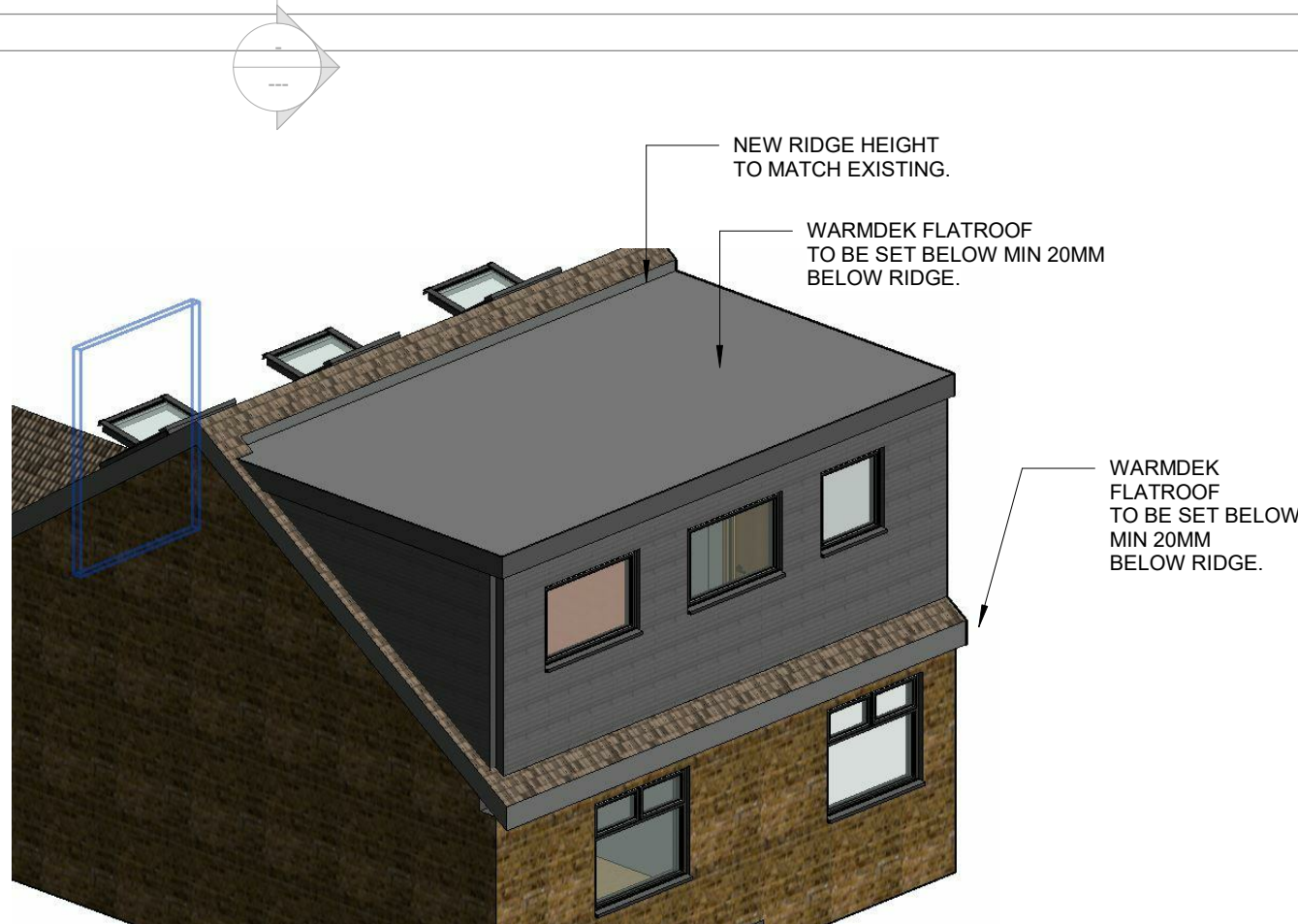
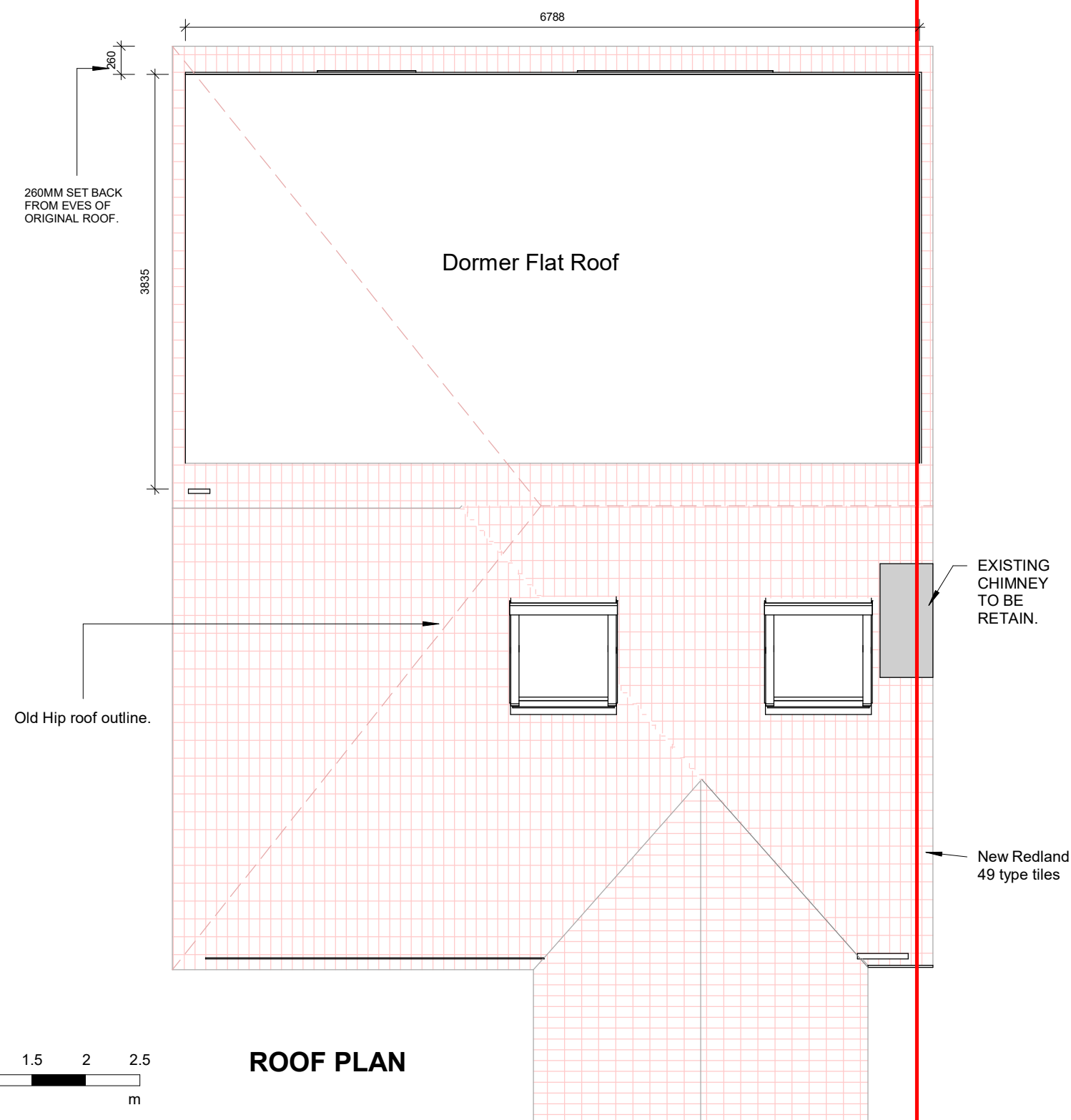
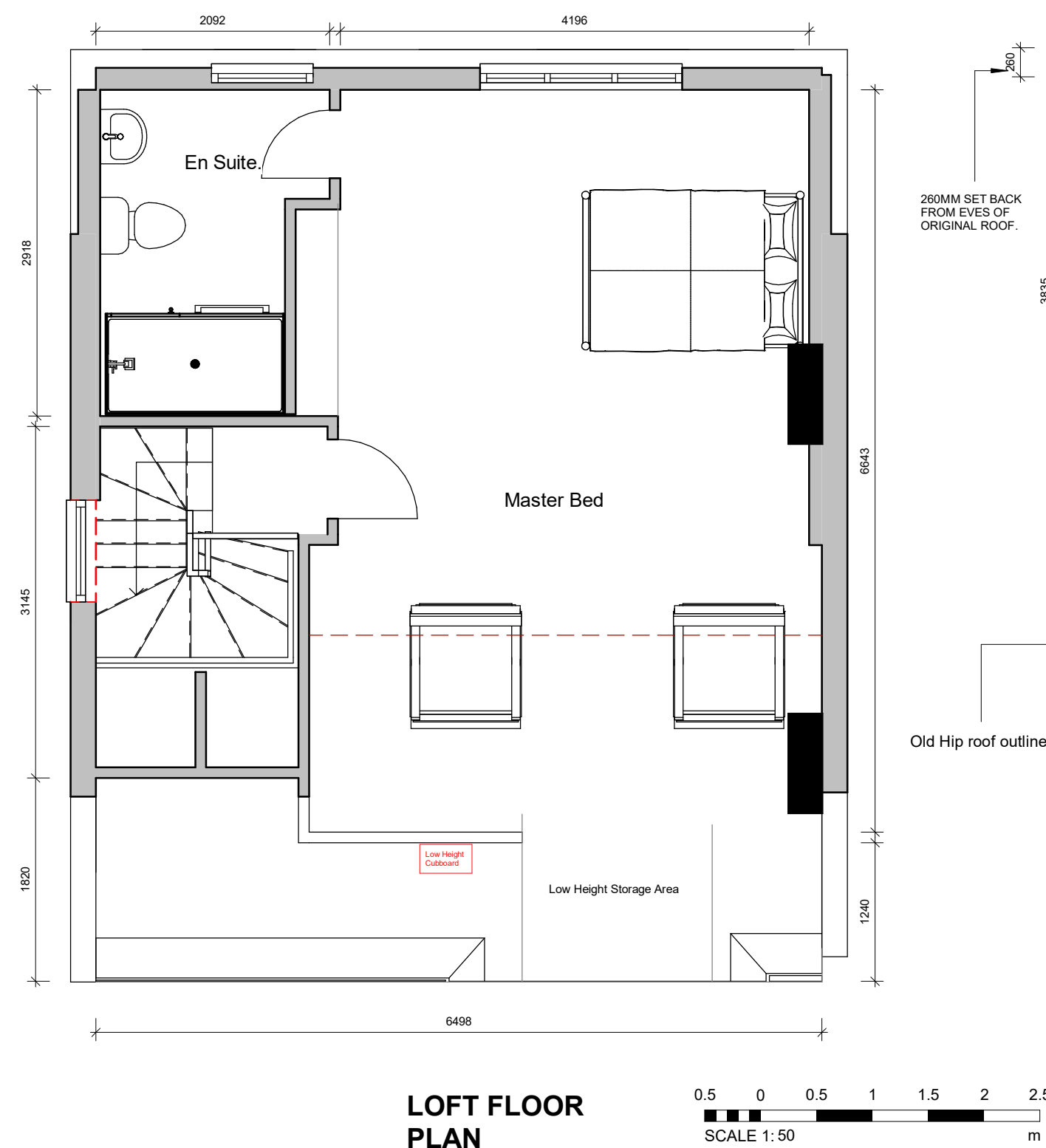
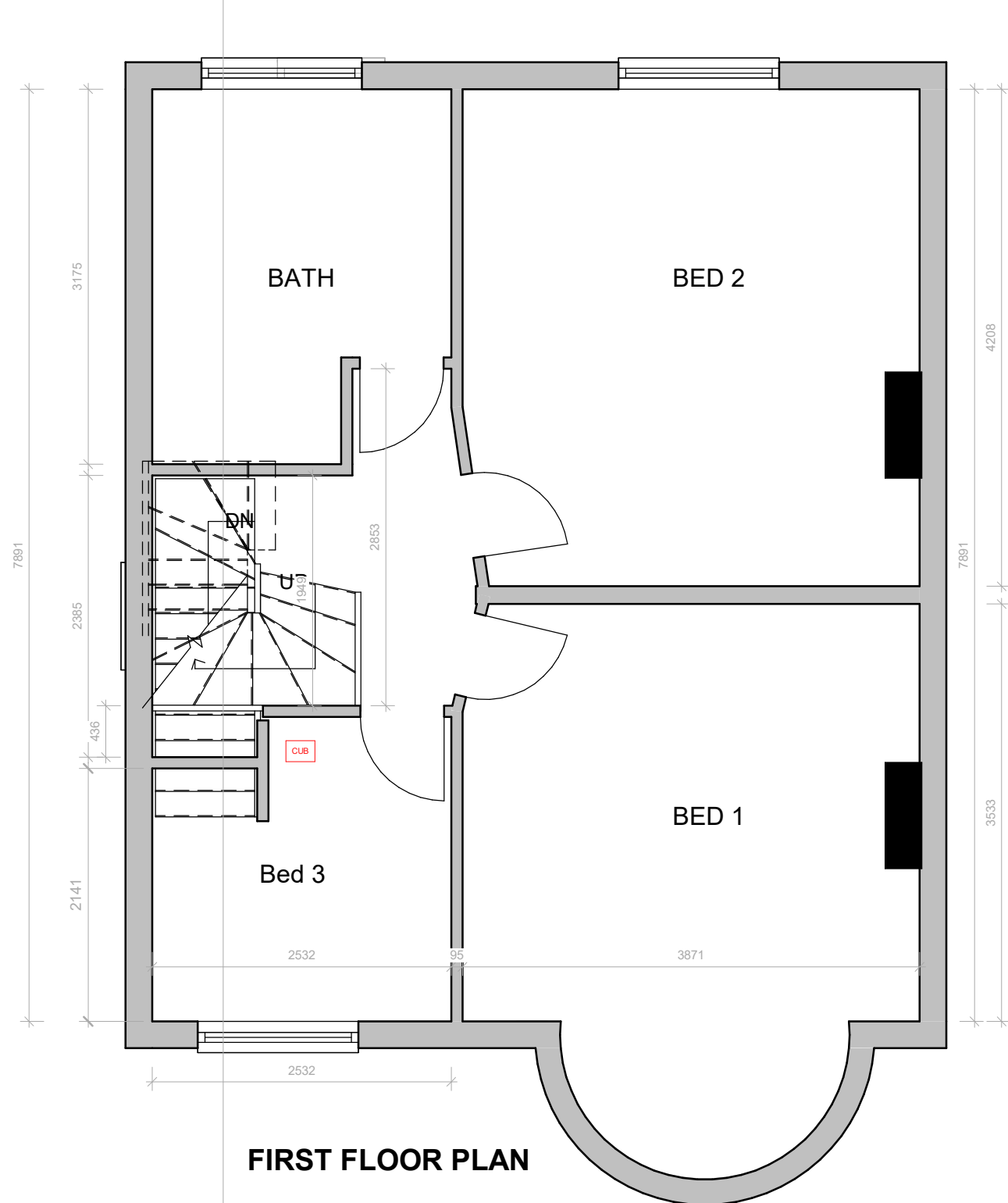




Roof Volume Calculation			
Type Of conversion	Hip to Gable with Rear dormer		
Proposed Dormer			
	Distance	Unit	
A	Depth of main roof	6.6	M
B	Height of the main roof	2.7	M
C	Ridge to Eaves As per plans	4.1	M
D	Projection of the rear dormer	3.4	M
E	Height of the rear dormer	2.5	M
F	Width of the rear dormer	6.4	M
Volume of rear Dormer = Area of its triangle x its Length		$V = D \times E / 2 \times F$	
V =	3.4 1.25 6.4	27.2	M ³
Proposed Dormer Structure Volume		27.2	M ³
Proposed Hip to Gable Roof Addition			
Volume of Hip to Gable Segment= Pyramid - Base area x 1/3 height		Formula $V = A \times 1/28 \times 1/3C$	
V =	6.6 1.35 1.37	12.177	M ³
Volume of Added Gable Roof		12.18	M ³
Total Volume added to Original roof	Added Gable Roof	Added Dormer	Total
	12.177 m ³	27.2 M ³	39.377 M ³

- No part of the addition is to extend beyond the height of the ridge of the main roof of the house.
- The front "Velux" style rooflight windows will not protrude more than 150mm above the plane of the roof slope
- All materials are to match existing
- The new dormer is to be set back greater than 200mm from eaves of existing roof.
- The property is not known to be in a "designated area" and the designer has not been made aware of any Pre-existing planning conditions/Article 4 Agreements limiting permitted development rights.
- The property is not in a conservation Area
- The flank stair window is to be fixed shut and fully obscure.
- Therefore as far as can be reasonably determined works appear to be Permitted Development. For formal confirmation a certificate of lawful development should be applied for