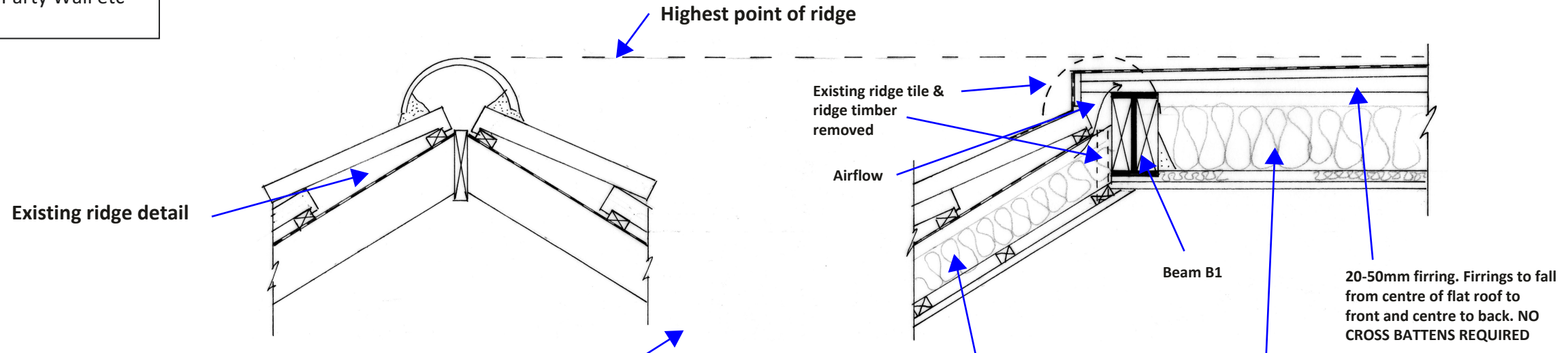


The property owner is required to serve a party structure notice on the adjoining owner as required by The Party Wall etc Act 1996.

Plan 5 of 6

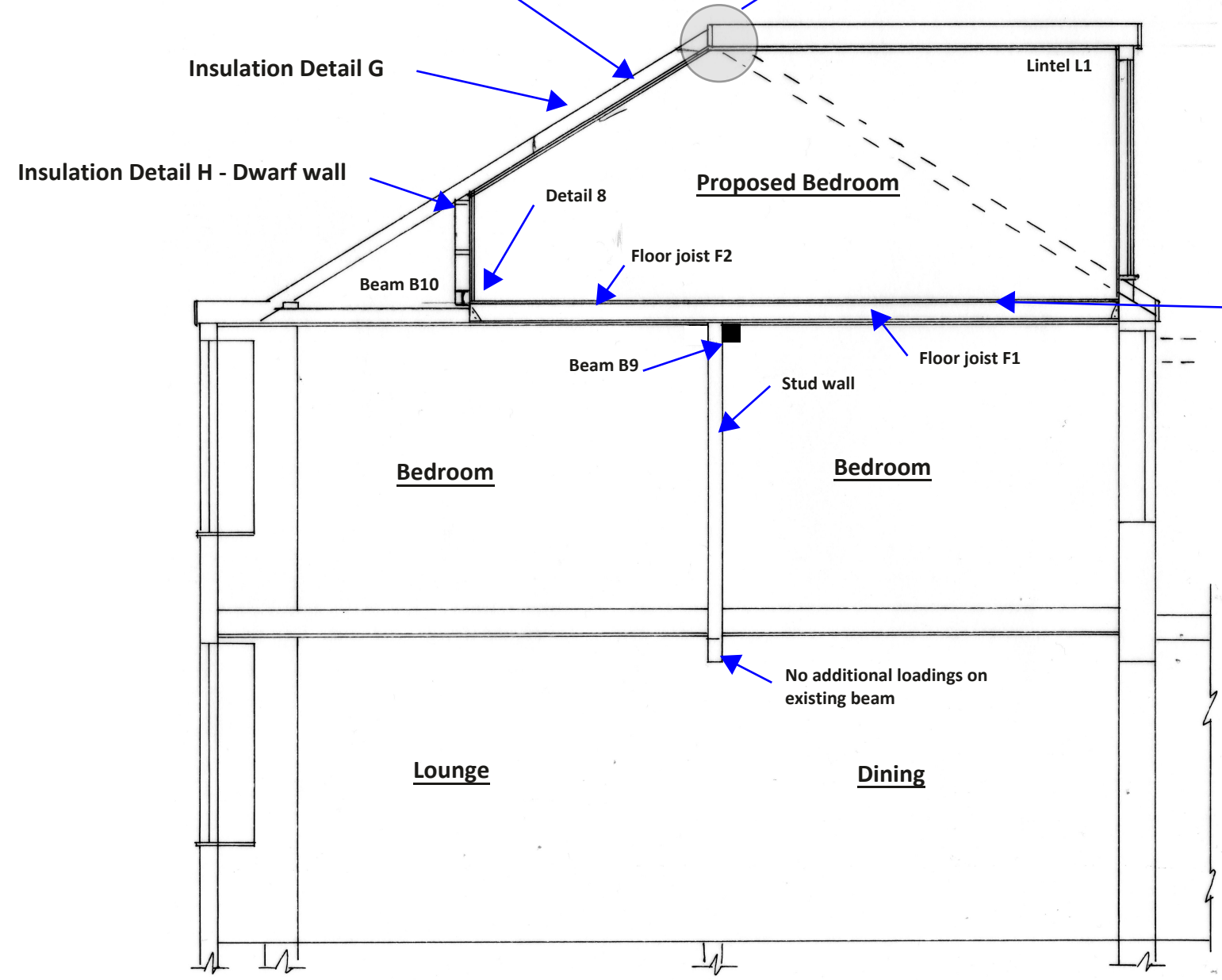
Ridge detail for reduced headroom loft conversion showing new roof not higher than the highest ridge.



Existing front rafters to be removed and new pitch roof installed. The existing ridge and rafters have sagged approx 100mm at the centre due to heavier tiles being installed in the past and no new struts installed.

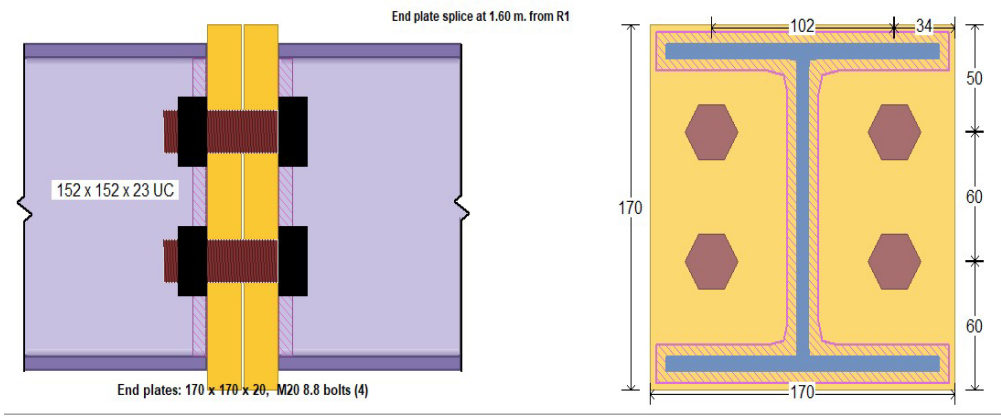
New 47x125mm rafter due to existing roof sag. Breathable felt so on 25mm air vent above 100mm PIR insulation between joists. Multifoil and 25mm cross battens under.

47x170mm C24 joists with 140mm PIR between. 25mm PIR below. Although this does not provide 0.15W/m2k due to the low ridge providing 0.15W/m2 would make the job impracticable. The proposed flat roof will provide 0.18W/m2k. All other elements provide the required Uvalue.



Floor set up

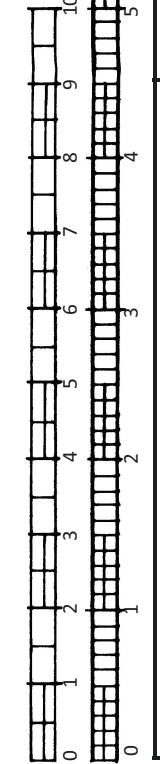
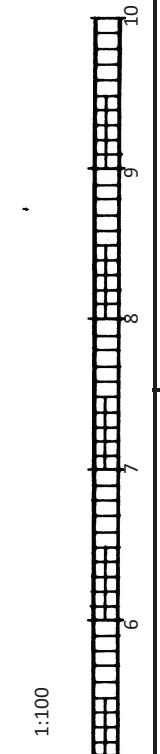
Beam B4 set up 10mm above ceiling. Top of floor joists set up 10mm above the top of beam B4



Splice Detail for Beam B9 & B10 - Splice 1.6m from party wall



1:50 @ A3



<p>BSB S.Barrett Architectural, Structural & Party Wall Services stevebsbtd@yahoo.com 07974 715009</p>	<p>10 Byron Street, Hove BN3 5BA</p>	<p>Loft Conversion</p>	<p>CLIENT: Mr West</p>	<p>DATE: 16.01.2024</p>	<p>DRWG No: BSB/23083/5/A</p>
			<p>1:100</p>	<p>1:50 @ A3</p>	<p>A3</p>