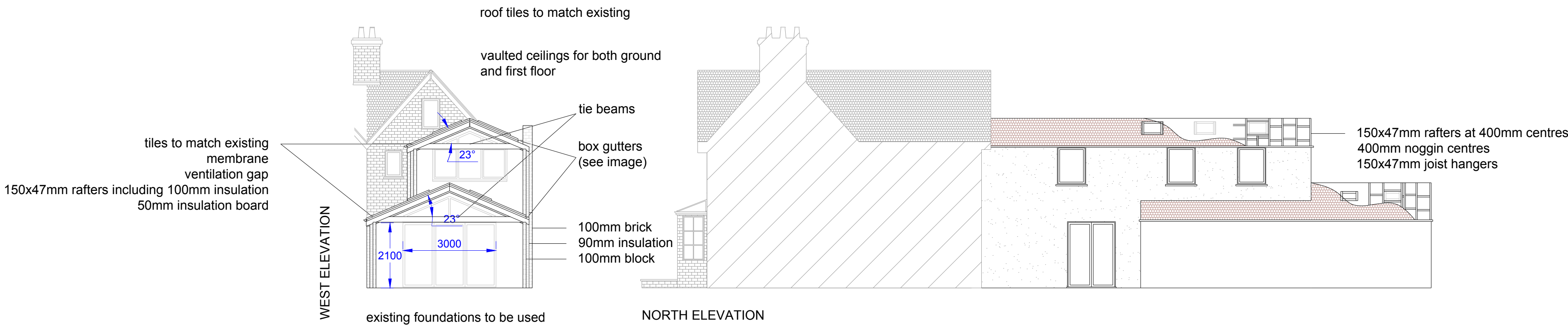
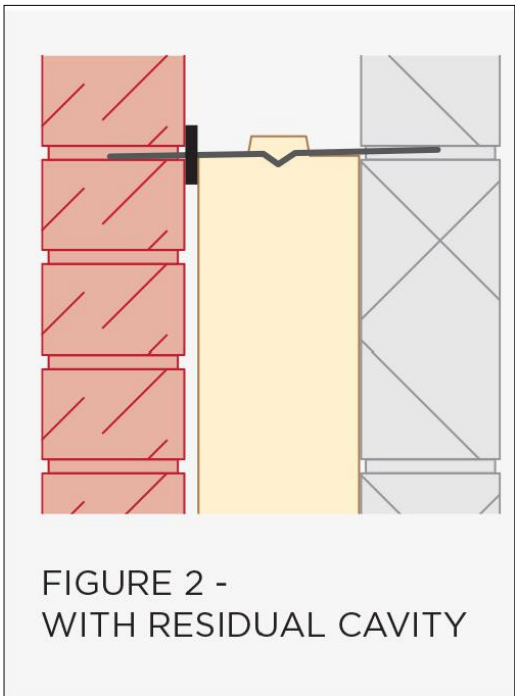
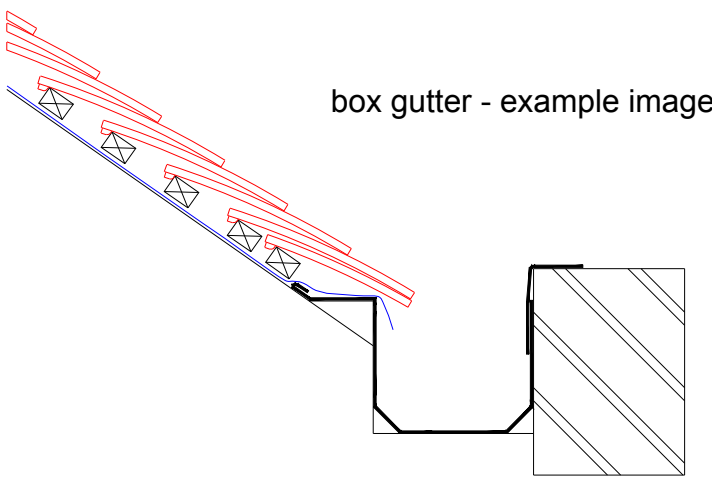


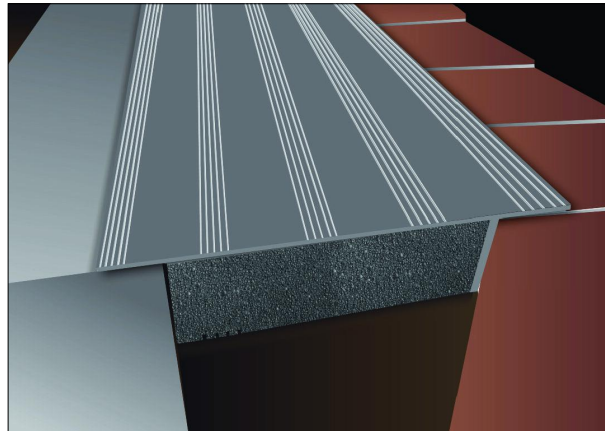


- WALL DETAIL
cavity walls:
- brick exterior
 - full fill with Celotex Thermaclass cavity Wall 21 - 90mm
 - block interior

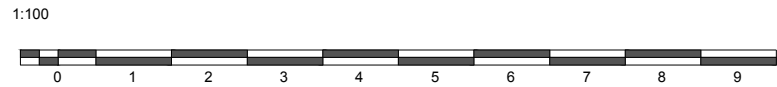
- ROOF DETAIL
- 50mm Ventilation Gap, Side & Ridge roof vents
 - 150mm x 47mm timbers, 400mm centres, noggins at 400mm centres
 - Joist hangers 150mm x 47mm
 - M10 Roofing Bolts for 150 x 47mm x 2 Roof Ridge Bolt 2 every 600mm.
 - Insulation: Celotex XR4000 100mm & 50mm Insulation board under the roof rafters (ceiling) U-Value = 0.15 W/m2K
 - Tie Beams x 2 200 x 47mm C24
 - Roof Plate 100mm x 50mm C16 tied down with Wall Ties every 600mm
 - Roof Ridge to go into exiting rear wall by 150mm
 - Roof Rafter adjacent to existing wall to be bolted with M10 Bolts every 400mm.
 - Roof batten 25 x 38 over Roofing Breathable membrane. Distance based on Tile type chosen.
 - Roof Ridge beam 200x 50mm C24 x 2 bolted every 400mm (may require structural engineer sign off for building control)
 - Tie beams from roof plate to roof plate - 175x 50mm C24 timber



Full fill insulation image (courtesy of Celotex)



Cavity closure tray image (courtesy of wickes.co.uk)



-		Not to be scaled.
		Measurements to be taken on site.
NAME OF ORGANISATION		
AJW-CS		
JOB ARCHITECT		
JOB TITLE		
Kimberley High Street Handcross Haywards Heath West Sussex, RH17 6BJ		
DRAWING TITLE		
BUILDING REGS		
JOB NO.		DRAWING NO.
		BR 001
		REVISION.
		1 2 3
SCALE	DATE	DRAWN BY
1:100 A1	29/05/25	L MURR
		CHECKED BY