

Roof tiles to match existing house colour on battens and breathable felt (e.g. Klover Permo Air open underlay roofing breather felt - or similar). Roof tiles selected must be suitable for roof pitch.

The drawing shows a side elevation of a house. On the left, a section of the existing house is shown with a roofline and a vertical line labeled 'rwp'. A new bedroom window is indicated by a dashed rectangle on the wall. To the right of the window, the roof is shown with horizontal lines representing tiles. A callout points to the roof tiles with the text: 'Roof tiles to match existing house colour on battens and breathable felt (e.g. Klover Permo Air open underlay roofing breather felt - or similar). Roof tiles selected must be suitable for roof pitch.' Below the window, a callout points to the window frame with the text: 'New Bedroom window with Catnic CH90/100 (or equivalent)'. At the bottom right, a dimension line indicates a width of 4300, and another dimension line indicates a width of 600.

New Bedroom window with Catnic CH90/100 (or equivalent)

4300

600

Brickwork to match existing on all new elevations

Velux window to be installed in accordance with manufacturer's instructions (type to be appropriate for the roof pitch) and should achieve a U-value no worse than 2.2 W/m²K. Double rafters bolted each side of structural opening.

dpc

600

900

rwp

Flat roof (warm roof), Broof(t4) membrane (e.g. 1.2mm EPDM membrane or similar) on 150mm Celotex PIR insulation board (to achieve 0.15W/m2K or better) on vapour control layer on 72 x 195mm C24 joists at 400mm centres with tapered firrings and a 19mm exterior grade plywood deck with mushroom vents as required.

Timber cladding to match existing

Ensuite window (obscured glazing)

Brickwork to match existing on all new elevations

300

All windows and glazed doors to be wood, aluminium or PVC-U frames to match existing and be double-glazed with PILKINGTON 'K' glass with 16mm minimum gap (argon filled) to provide U value of 1.4W/m²K and be Band B (minimum), and comply with BS 6206. All habitable rooms to have 8000mm² Equivalent Area ventilation (4000 sq mm for non-habitable rooms) with trickle vent and have a clear opening casement of 750 x 450mm (0.33m² min) with the sill positioned between 800-1100mm above finished floor level. Ventilation openings to be reasonably secure, adjustable, and located 1750mm (typically) above floor level. Window & door frames to be sealed with mastic internally and externally.

Guttering to be 115mm half-round or equivalent with 70mm diameter rainwater pipes to new soakaways 5m (min) from building, if required. Size and type of soakaways will be determined by the builder following a Percolation Test undertaken during excavation on site.

Revision				Drwg No	ANDERSON-0725-04				Scale: (A2)	1:100
				Title	PROPOSED ELEVATIONS					
				2m		4m		6m		8m