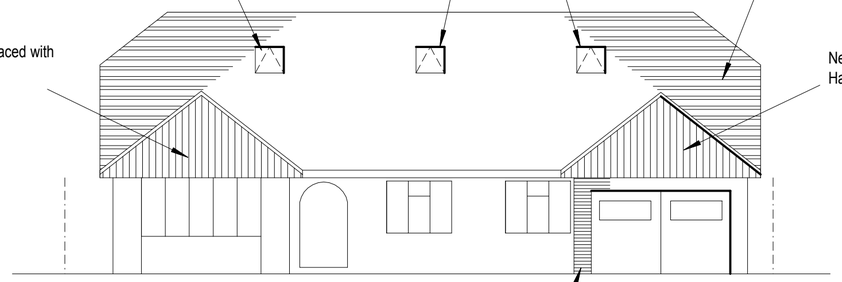
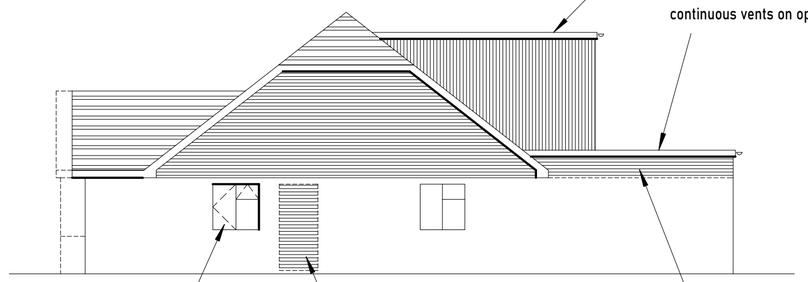


FRONT



SIDE

Hip-to-gable walls to be single brick to match existing, 75mm cavity with 75 Dritherm 32 Ultimate wall batts and 100mm Thermalite Shield block providing a U-value of 0.28W/m2K or better. Contractor to ensure all scaffolding is securely attached when working at height. Personal Protective Equipment to be provided to all people at risk from this activity to protect against falling objects.

3.6N blocks to be used for all walls two-storey high. For walls in excess of two-storeys, 7N blocks to be used at ground floor level.

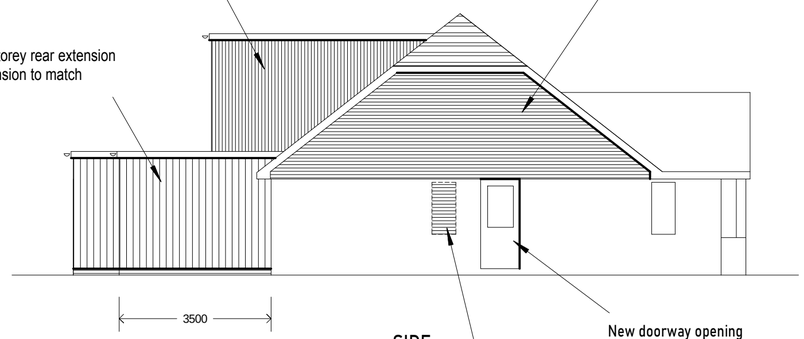
Ties: 750 horizontal, 450 vertical, and double at all reveals. Reveals to have Thermabate Insulated Cavity Closers to prevent cold bridging and provide vertical dpc. All cavities to be clear 225mm below dpc level and closed at roof level. All brickwork to match existing.

Mild steel anchors to be provided at not greater than 2000mm centres, having a cross section of 30 x 5mm.

Contractor to ensure all scaffolding is securely attached when working at height. All Personal Protective Equipment to be provided to all people at risk from this activity to protect against falling objects.

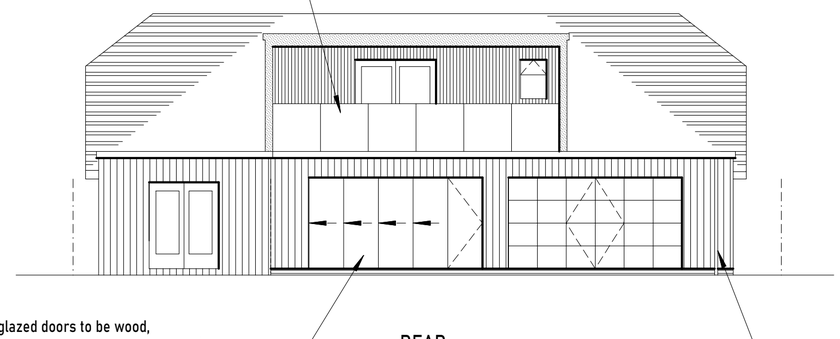
Dormer cheeks to be faced with Forma Slatted Cladding (Midnight) by Ecoscape, on battens and felt on 97 x 47mm (C24) framing lined internally with 12mm foil backed plasterboard and filled with 100mm Celotex, with an additional 25mm Celotex on internal faces. Dormer cheek to be faced with 19mm exterior grade plywood beneath finishings with noncombustible material such as 'Supalux' (or similar) to provide 30 minute fire resistance.

Elevations for single storey rear extension and existing rear extension to match existing brickwork



SIDE

Guarding (*to be specified by balcony manufacturer*) to be securely fixed to rear wall of dormer, capable of resisting loads as given in BS EN 1991-1-1 and PD 6688-1-1. It must be at least 1100mm above floor level, not readily climbable by children, and 100mm sphere must not be able to pass through any openings in the guarding.



REAR

All windows and glazed doors to be wood, aluminium or PVC-U frames and be double-glazed with PILKINGTON 'K' glass with 16mm minimum gap (argon filled) to provide U value of 1.6W/m2K and be Band C or better, and comply with BS 6206. All habitable rooms to have 5000mm2 Equivalent Area ventilation (2500 sq mm for non-habitable rooms) 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.

Any glazing lower than 800mm above finished floor level to be toughened safety glass. All glazing in door panels to be toughened safety glass. All glazing within 300mm of a door to be toughened safety glass to a height of 1500mm above ground level.
If the area of glazing within 1m from any boundary exceeds 1m2, windows must be fixed shut and half-hour fire resistant glass and frames must be provided.

All 70mm dia rwp's to soakaway(s) 5m (min) from building. Soakaway to be 1 cubic metre (min) filled with brick hardcore only, taken down to a previous sub-strata and capped with concrete. Guttering to be 115mm half-round or equivalent.

metres
0 2 4 6 8 10

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Title:	PROPOSED ELEVATIONS	Scale: (A2) 1:100
Drwg No:	DEASY-0821-05	Rev: