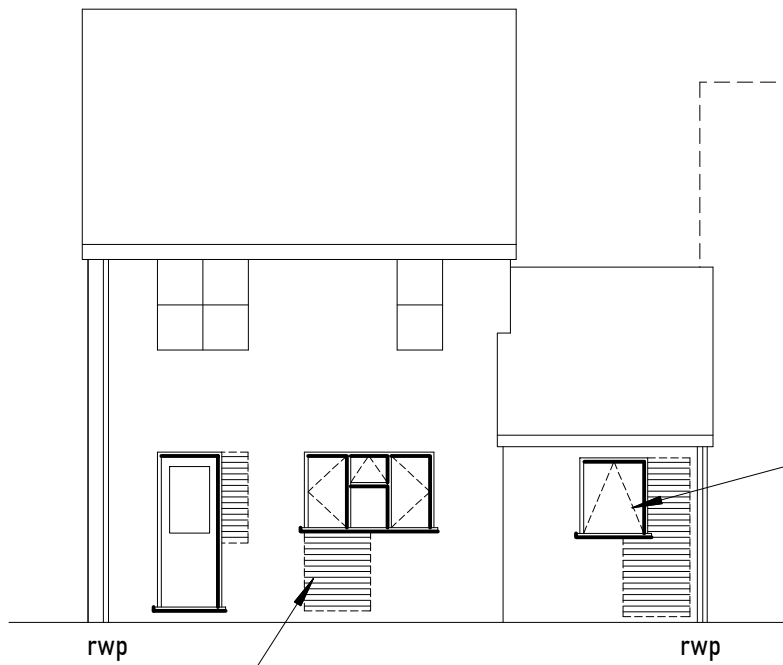




REAR

Infill areas to existing cavity walls to be single brick to match existing and keyed into existing brickwork, 100mm cavity with 90mm Thermaclass Cavity Wall 21 and 100mm 'Thermalite Shield' block providing a U-value of 0.18W/m2K or better.

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

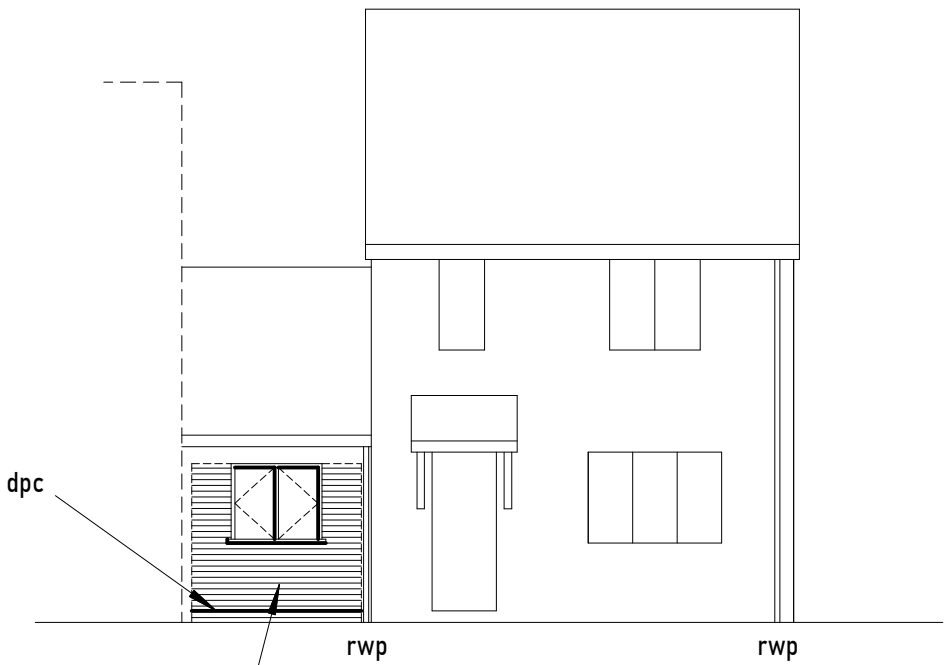
Ties: 750 horizontal, 450 vertical, and double at all reveals. Reveals to have Thermabate Insulated Cavity Closers to prevent cold bridging and provide vertical dpc. All cavities to be clear 225mm below dpc level and closed at roof level.

1.2m galvanised steel straps to be provided at not greater than 2000mm centres, having a cross section of 30 x 5mm.

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.

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 provided.

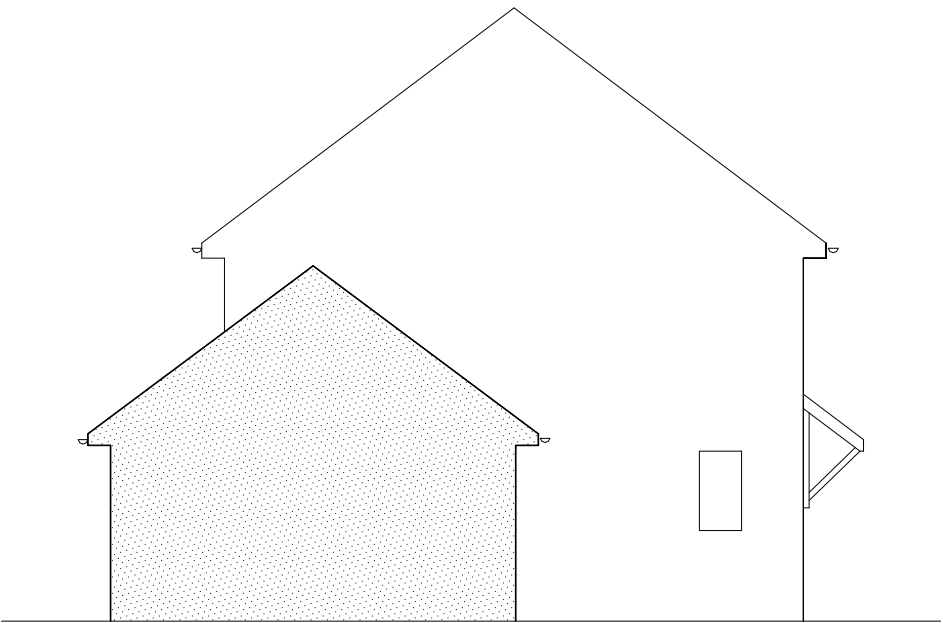
New windows within 1m of the boundary to have fire-rated glass and surrounds. All glazing in windows to be fixed (non-opening)



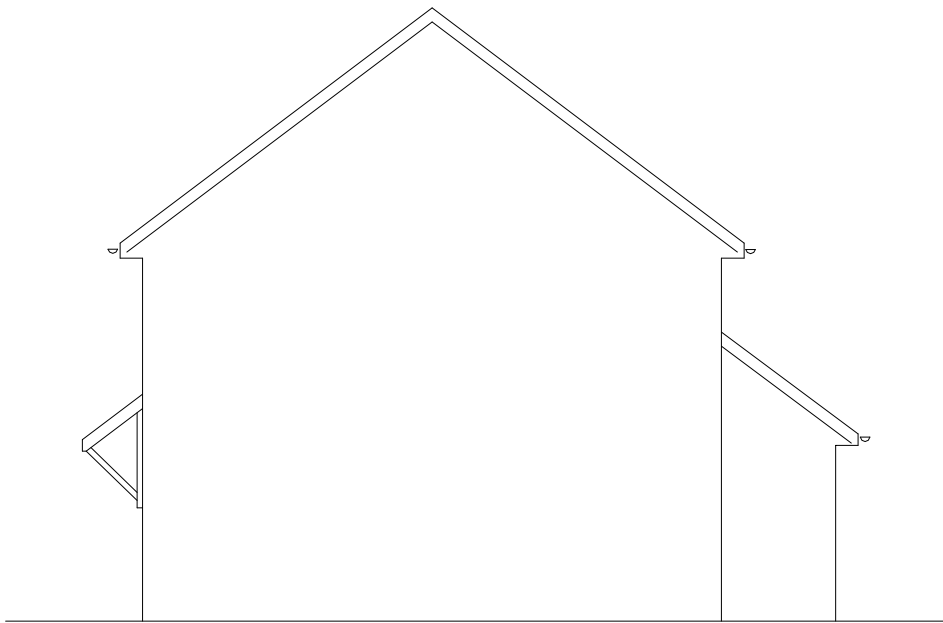
FRONT

Garage door infill panel to achieve a U-value no worse than 0.18 W/m2K: new brickwork to match existing and keyed into existing, 50mm cavity, 9mm plywood with breather membrane facing cavity, 97x47 (C24) timber stud wall with 80mm Celotex PIR insulation board between studs, 50mm Celotex PIR insulation board across face of stud wall and 12mm plasterboard.

Existing foundations and/or existing concrete slab to be exposed to assess their suitability to receive new works to the satisfaction of the Building Control Surveyor on site.



SIDE



SIDE



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Client	Mr C. Davies
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Drwg No	DAVIES-0525-03	Scale: (A2)	1:100
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Title	PROPOSED ELEVATIONS
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Revision				
		2m	4m	6m
				8m