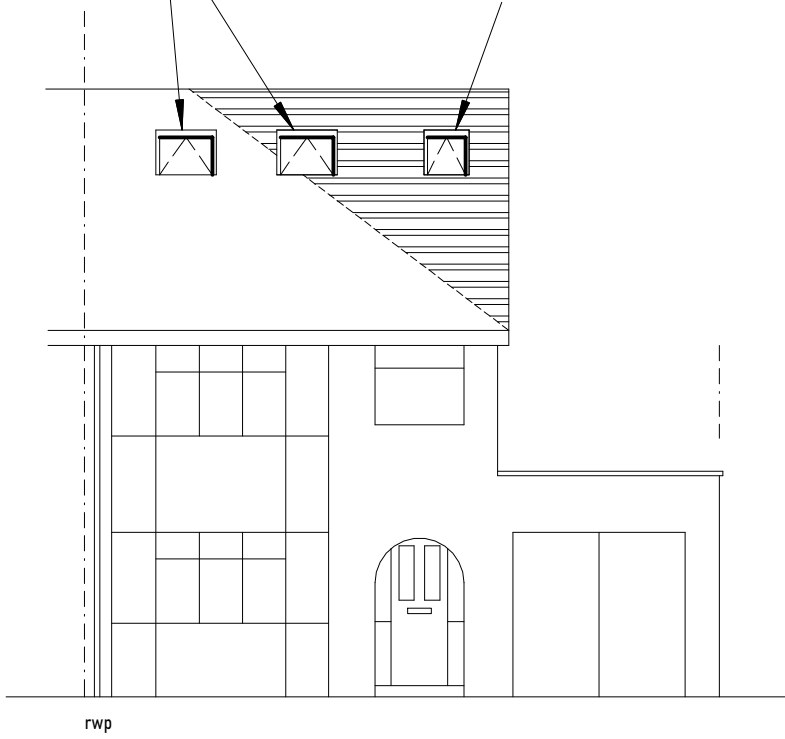


MK04 Velux windows to be installed in accordance with manufacturer's instructions and should achieve a U-value no worse than 2.2 W/m2K. Double rafters bolted each side of structural opening.

CK04 Velux window to be installed in accordance with manufacturer's instructions and should achieve a U-value no worse than 2.2 W/m2K. Double rafters bolted each side of structural opening.



FRONT

Walls to be single brick to match existing, 100mm cavity with 90mm Thermaclass Cavity Wall 21 and 100mm 'Thermalite Shield' block providing a U-value of 0.18W/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 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. All brickwork to match existing.

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

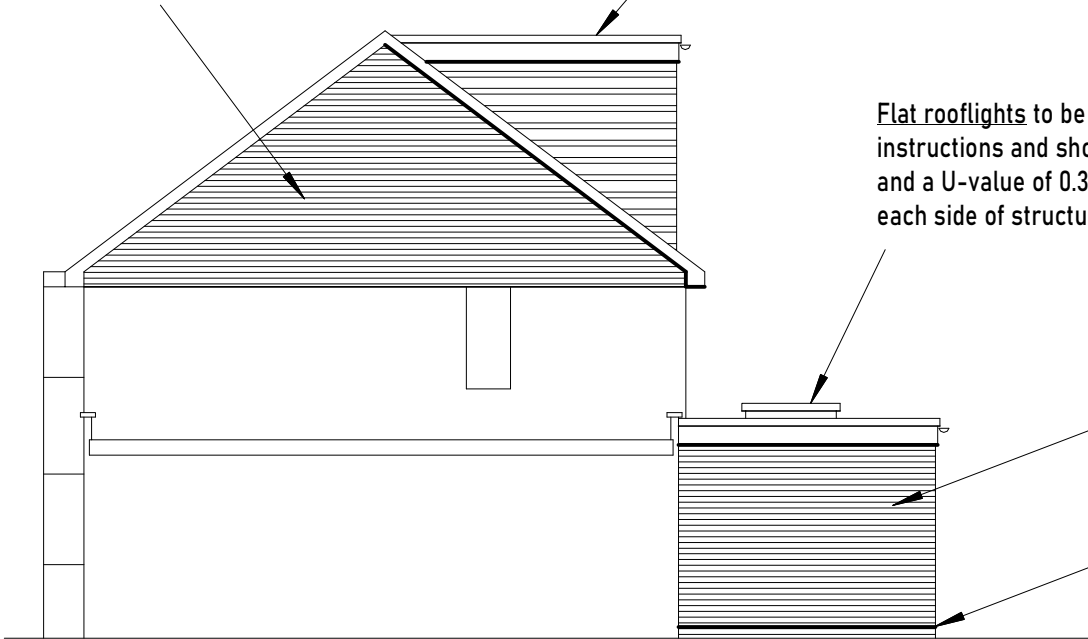
Contractor to ensure all scaffolding is securely attached when working at height. All Personal Protective Equipment to be provided to all people at risk from this activity to protect against falling objects.

Flat roof (cold Roof) construction to have a Broof(t4) membrane (e.g. 1.2mm EPDM membrane or similar) on 19mm grade 3 moisture resistant plywood (shuttering grade) on 200 x 50mm (C24) joists at 400mm centres with tapered firrings. Roof to be provided with 150mm Celotex PIR insulation board (to achieve 0.15W/m2K or better) and vapour control layer. 50mm clear air gap over insulation to be provided to maintain effective cross flow ventilation, and 50mm Celotex PIR insulation board across underside.

Flat rooflights to be installed in accordance with manufacturer's instructions and should achieve a U-value no worse than 2.2 W/m2K and a U-value of 0.35 for the upstands. Triple flat roof joists bolted each side of structural opening (unless shown otherwise)

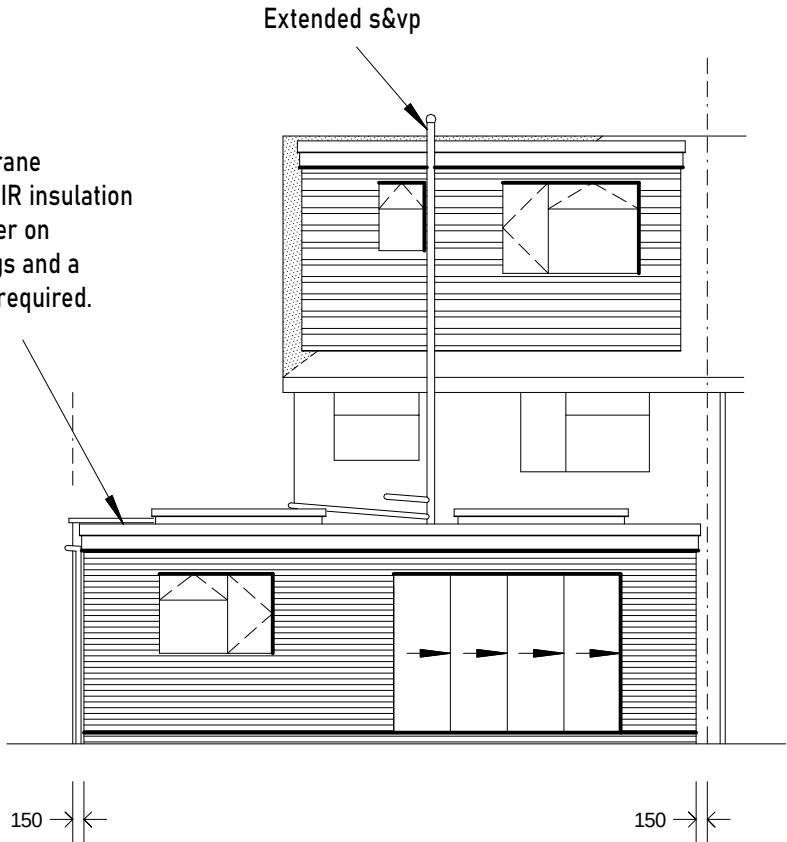
Brickwork to match existing on all new ground floor elevations

dpc



SIDE

Flat roof (warm roof) construction to have a Broof(t4) membrane (e.g. 1.2mm EPDM membrane or similar) on 200mm Celotex PIR insulation board (to achieve 0.15W/m2K or better) on vapour control layer on 200 x 50mm C24 joists at 400mm centres with tapered firrings and a 19mm exterior grade plywood deck with mushroom vents as required.



REAR

WINDOWS

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 must be provided.

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

ROOF

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.

DORMER

Dormer cheeks to be constructed of hanging tiles to match roof colour on battens and felt on 47 x 140mm (C24) framing lined internally with 12mm foil backed plasterboard and filled with 120mm Celotex PIR insulation board, with an additional 60mm Celotex PIR insulation board 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.

RAINWATER PIPES & GUTTERING

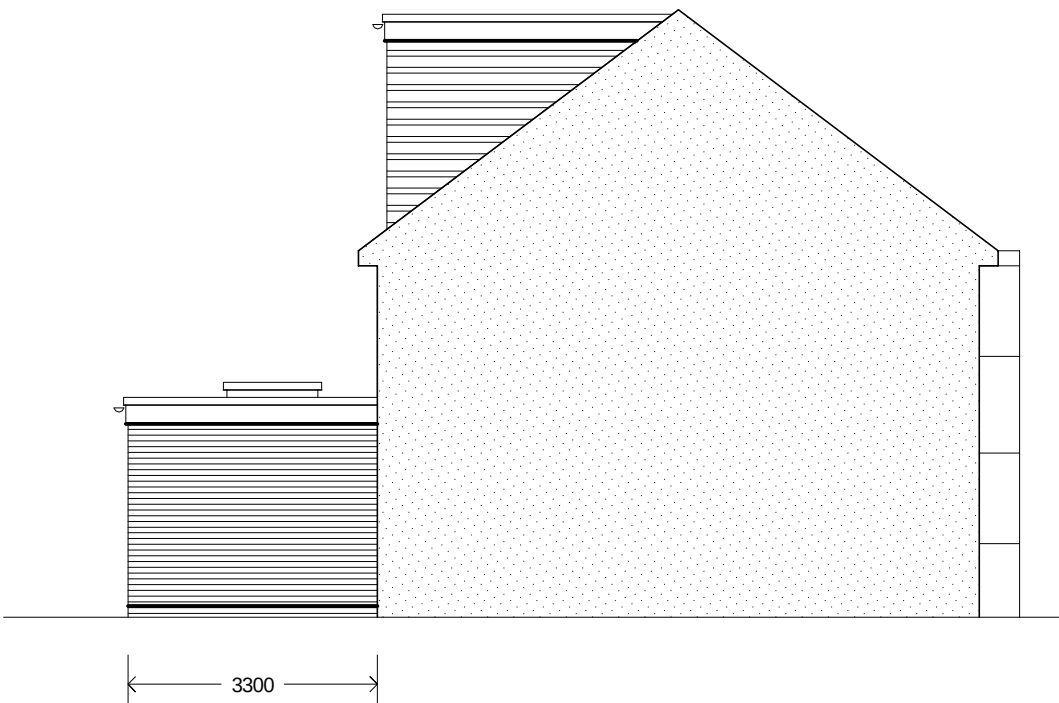
New 70mm dia rwps to soakaway 5m (min) from building. If required, new soakaways to be 1 cubic metre (min) filled with brick hardcore only, taken down to a previous sub-strata and capped with concrete. Guttering to be 115mm half-round or equivalent.

SMOKE DETECTION

Smoke detectors/alarms (SD) to be provided to the Hall/Landings on each level as per the requirements of BS 5839 with a heat detector in the Kitchen (HD). These should be located within 7.5m of doors serving habitable rooms. The detectors are to be mains operated with a secondary power supply, such as batteries, and linked so that the detection of smoke by one unit operates the alarm signal in all of them.

DEMOLITION

Demolition Notice should be made to the Local Authority if the volume of the building to be demolished exceeds 50m3 according to s.80 The Building Act 1984. All conditions imposed in the Local Authority's s.81 acceptance notice to be strictly adhered to. Demolition work must also comply with the CDM Regulations 2015, a health and safety plan, method statement and asbestos report to be produced by the Principal Contractor.



SIDE

Revision				
		2m	4m	6m
			8m	

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Drwg No	BURBRIDGE-1024-04			Scale: (A2) 1:100
Title	PROPOSED ELEVATIONS			