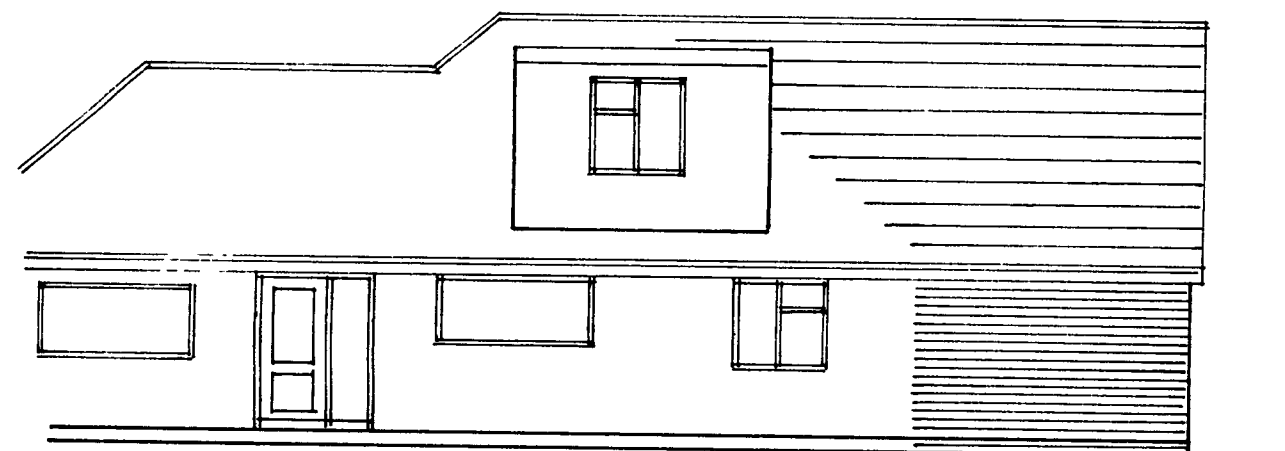
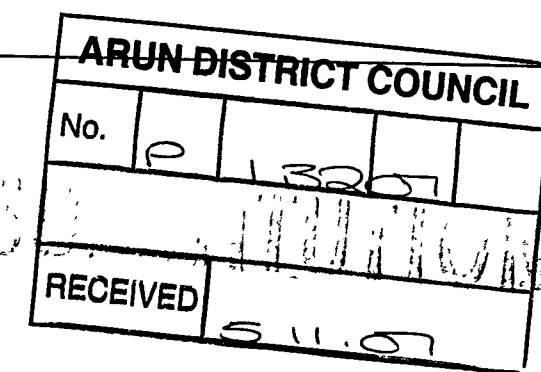
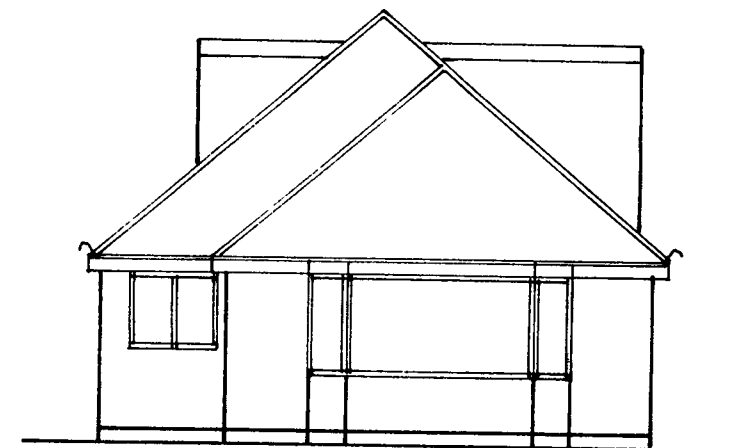
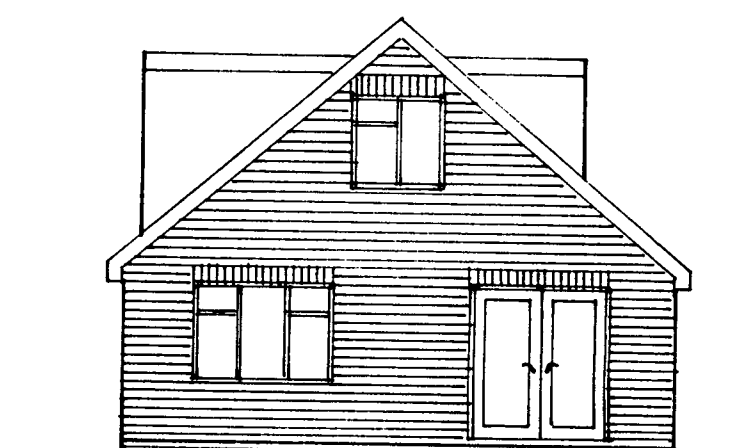




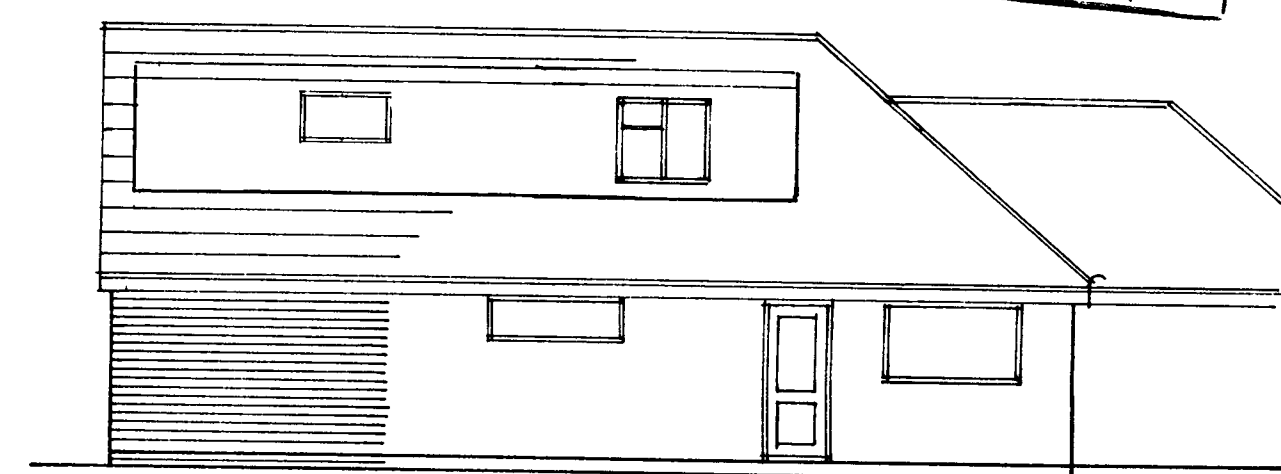
side [no 30]



front



rear



side [no 34]

SPECIFICATION - 1:100

ROOF - Concrete interlocking tiles to match existing on 50 x 25mm sawn treated battens on 'Tyvec' or similar breather felt to BS747 on 100 x 50mm C16 [R1] rafters @ 400mm c/c with 200 x 25mm ridgeboard and supported with designed beams Provide 90mm 'Celotex' insulation laid between rafters to sloping areas with 50 x 50mm batten fixed to underside of rafters to provide min 50mm air gap between insulation and roofing felt and 45mm 'Celotex' fixed continuously to 9.5mm plbd and set 130mm 'Celotex' to 12.5mm plbd and set coat to 150 x 50mm C16 [FR1] ceiling joists @ 400mm c/c Provide 90mm 'Celotex' insulation laid between rafters to sloping areas with min 50mm air gap between insulation and roofing felt and 45mm 'Celotex' fixed continuously to underside of rafters

WALLS - Below G.L. cavity construction of 'Toplite' standard blwk OR dense conc blwk Lean mix concrete cavity fill to min 225mm below d.p.c. Above G.L. outer skin of facing blwk to match existing, 75mm cavity filled with 'Dritherm 32' cavity wall batts and inner skin of 100mm 'Toplite' GTI blwk dry-lined with 12.5mm plbd and set coat 'Catnic' stainless steel wall plates at connections with new and existing cavities running continuously Stainless steel wall ties @ 750mm horz, 450mm vertical and 225mm c/c at reveals 'Catnic' lintels over openings with upvc insulated cavity closers at reveals Bed 100mm horz d.p.c. min 150mm above G.L. lapped over existing d.p.c. Bed 100 x 50mm wall plate tied to blwk with 32 x 6mm galv m.s. straps @ 1800mm c/c

Plain concrete tiles on 38 x 19mm sawn treated battens on 'Tyvec' or similar breather felt to BS747 on 12mm OSB boarding on 100 x 50mm studwork @ 400mm c/c with 75mm 'Celotex' pushed to outer edge of studs leaving 25mm air gap then overboard with 12mm 'Celotex' T break and 12.5mm plbd and set coat Provide Code 4 lead flashing trays below windows

1ST FLOOR PARTITIONS - 100mm fibreglass to 12.5mm plbd with set coat to both sides of 100 x 50mm studwork @ 400mm c/c

1ST FLOOR - 22mm t & g flooring grade water resistant chipboard on 200 x 50mm C 16[F1 & F3] and C 24 [F2] joists @ 400mm c/c Floor levels to run continuous Provide 100mm fibreglass sound insulation between joists Provide 250mm fibreglass between joists below skirting areas

STAIRCASE - 225mm goings with equal [max 220mm] risers [max 42 degrees pitch] with min 2.00 metres vertical headroom above pitchline Min 820mm wide between handrails with handrail 900mm above pitchline with max 100mm gap between vertical spindles

FOUL DRAINAGE - 38 & 32mm dia pvc wastes with 75mm deep seal anti-vac traps and rodding eyes to 100mm dia pvc S & V P with base access rodding plate and terminating with durable cage min 900mm above window level All plumbing to BS5572 S & V P connected with bend to 100mm dia 'Osma' underground drainage pipe laid to 1.40 falls with 100mm bed and surround of 10mm peashingle with 'Osma' preformed inspection chambers and covers and connected to existing foul drain

STORMWATER DRAINAGE - 100mm dia h.r. pvc gutters to existing 65mm downpipes

VENTILATION - Provide min 1/20th floor area ventilation to all habitable rooms Provide background ventilation with 5000 sq mm trickle vents to all habitable rooms and 2500 sq mm trickle vents to bathrooms fitted into heads of window frames Provide additional ventilation to bathroom with mechanical extractor to give min 15 litres/sec extraction and ducted to outside air Provide continuous ventilation to roof with upvc ventilated soffit and high level tile vents @ 3.00 metre c/c both sides of ridge

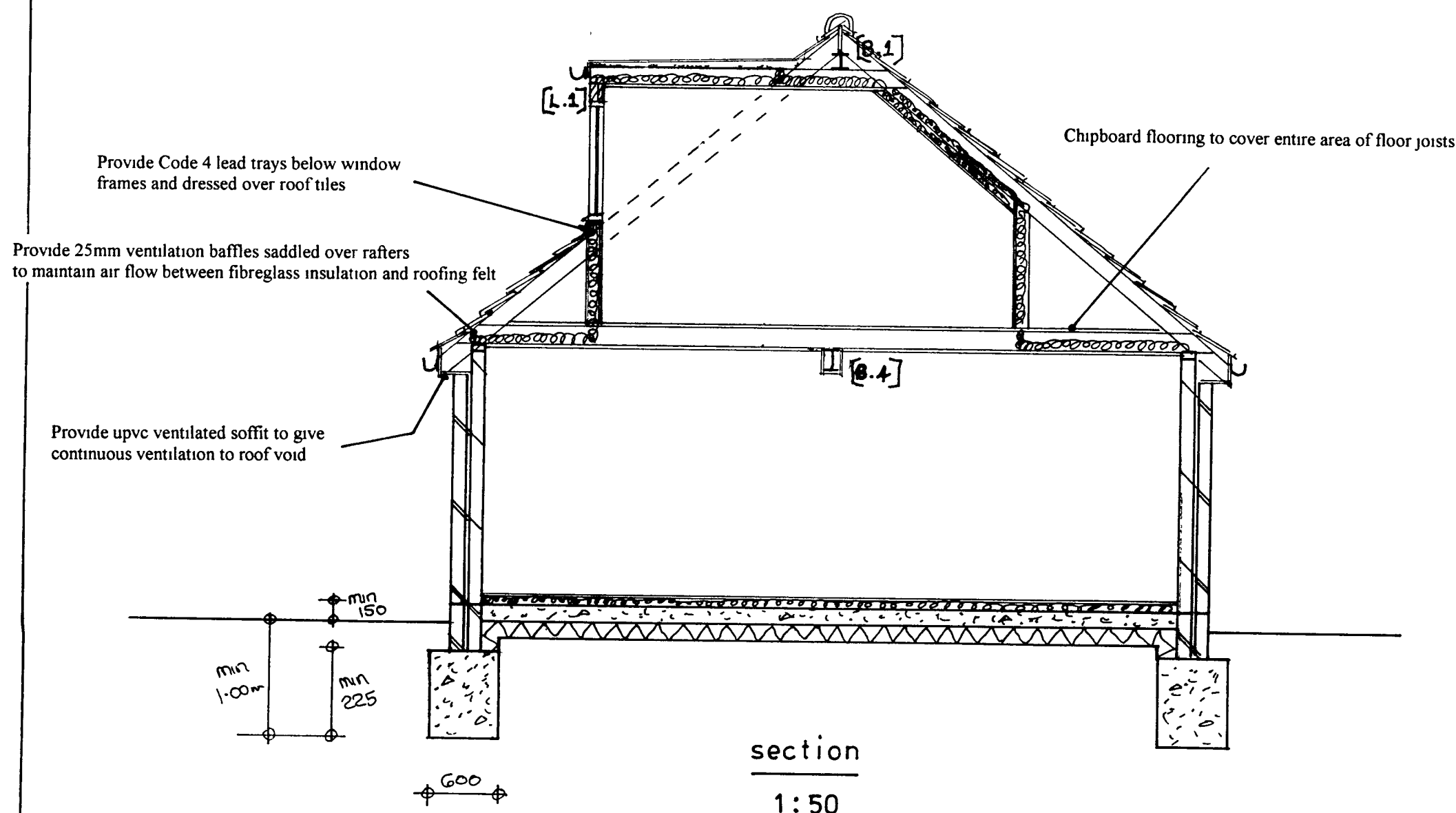
GLAZING - Provide double glazed sealed units in upvc window and door frames Provide toughened glass in all internal and external doors and in all positions less than 800mm above FFL Provide 'Kappafloat' glass to all windows and doors to give 1.8 U-value All glazing to comply with BS 6206

SMOKE DETECTORS - Provide mains operated smoke detectors fitted into single electrical circuit max 7.00 metres from lounge and max 3.00 metres from bedrooms Detectors to be installed min 300mm from walls and light fittings

HEATING - Extend existing system to provide domestic supplies and fully pumped central heating system with thermostatic radiator valves to all rooms

MEANS OF ESCAPE - All 1st floor casement windows to have min 450mm wide with min 0.33m² clear openers between 800 and 1100mm above FFL

ELECTRICAL - Provide min 1No low energy light fitting All electrical work to be installed, inspected and tested by NEC Registered Electrician including provision of BS7671 electrical installation certificate



section

1:50

Depth and size of foundations to suit site conditions
No trees in close proximity affecting foundations

PROPOSED EXTENSION AND NEW 1ST FLOOR WITH DORMERS AT 32,CARDINALS DRIVE ,PAGHAM FOR MR & MRS.P.SHERLOW.

sheet 2a of 2

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