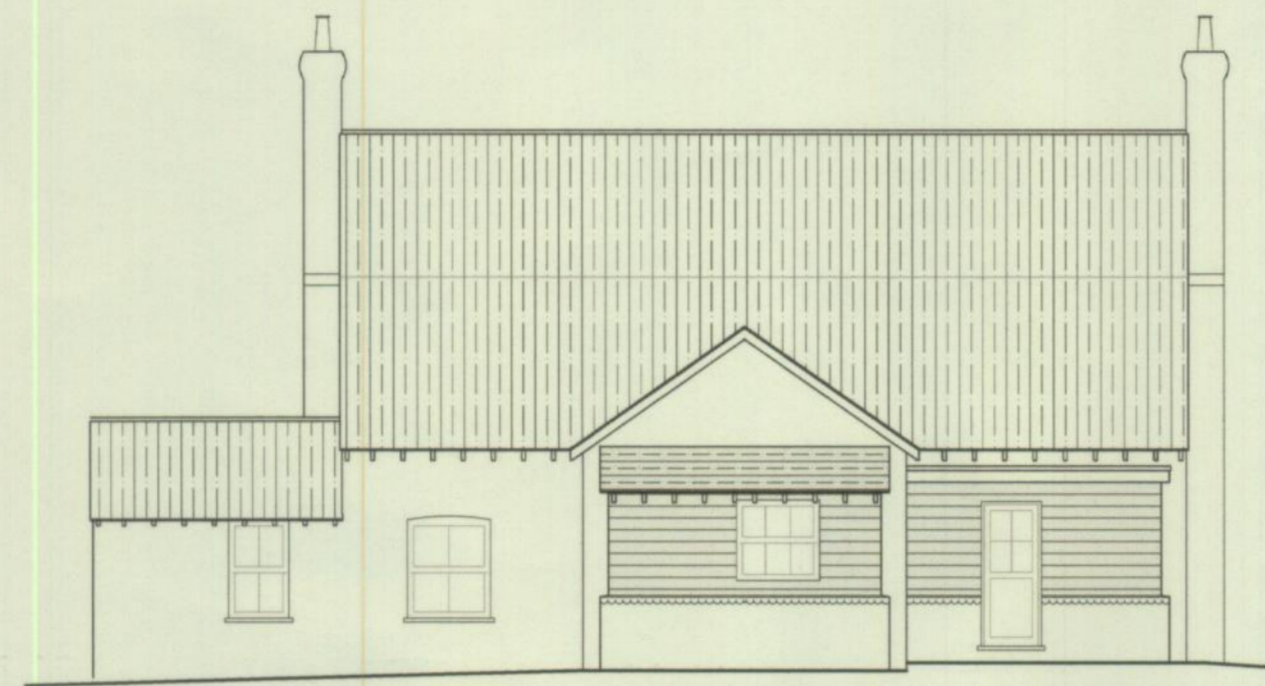




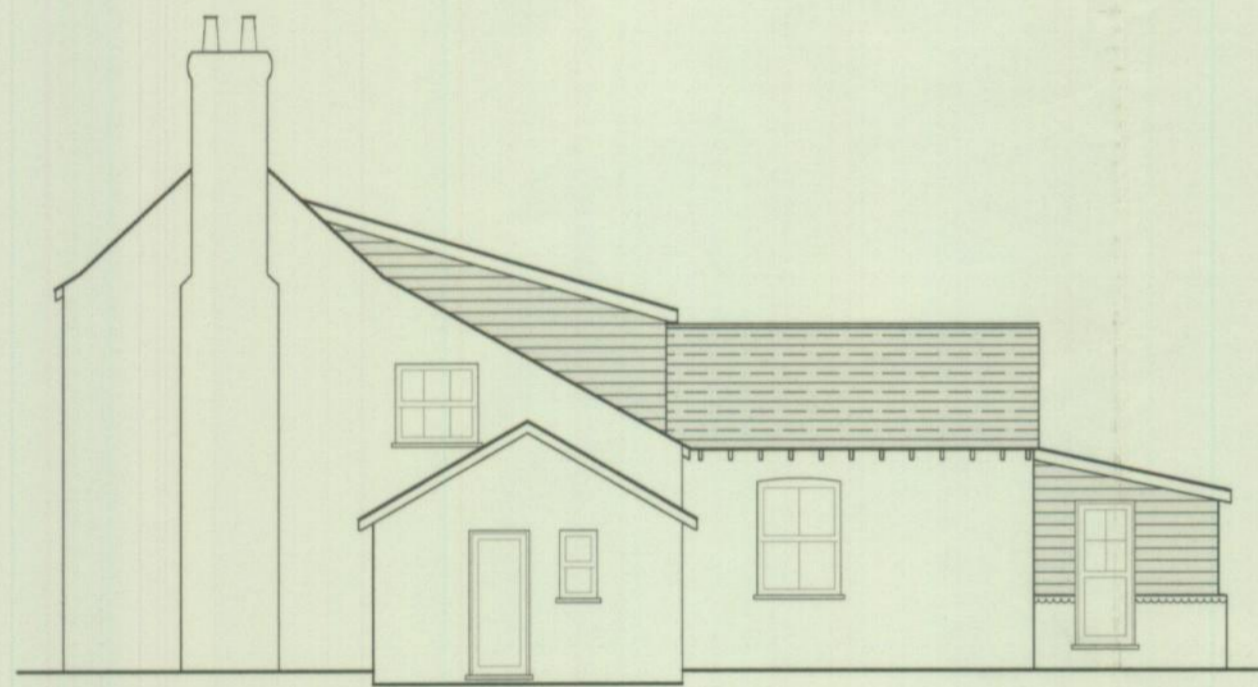
EAST ELEVATION



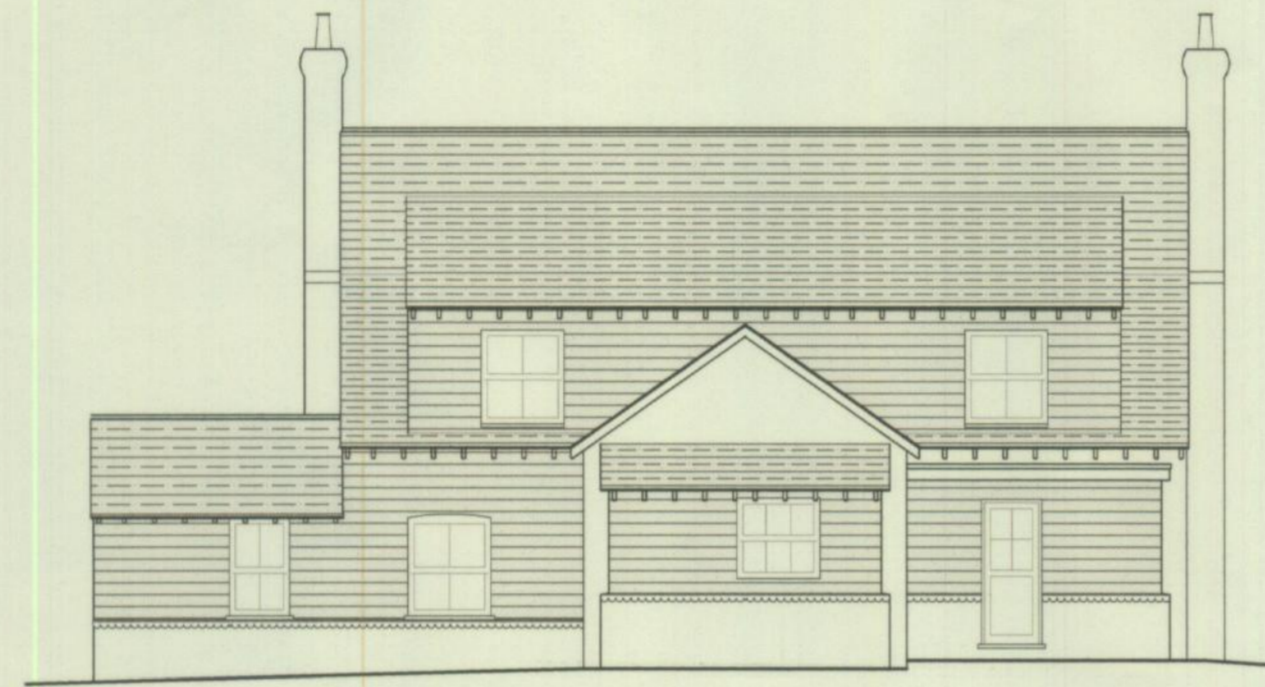
NORTH ELEVATION  
EXISTING



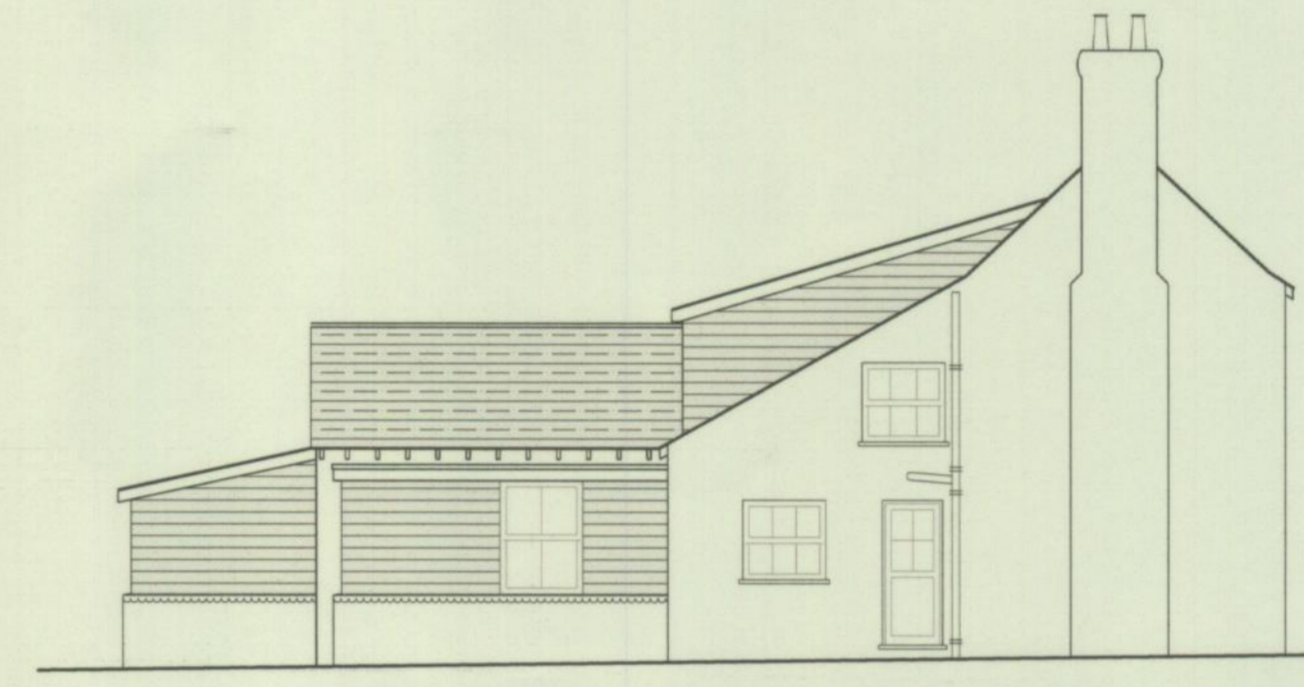
WEST ELEVATION



EAST ELEVATION



NORTH ELEVATION  
EXISTING



WEST ELEVATION

As required by the Building Inspector, expose and examine existing foundations, walls, beams and lintels that are to have additional loads for suitability.

All new electrical work is to be undertaken by a suitably qualified competent person. Upon completion, a test Certificate is to be issued by that person proving compliance with all relevant codes and regulations including Part P of the Building Regulations. Note: Provide 1 in every 4 new fixed lighting points is to have a fitting that can only take lamps having a luminous efficacy greater than 40 lumens per circuit Watt.

All heights, levels etc. to suit existing.

Renew first floor to localised areas to be 22mm Class 1/18 T96 flooring sheets of density no less than 15 Kg/m<sup>2</sup> on 47x170 C24 timber joists as specified @ 400mm centres. Harropine strapping or black fill @ mid span. 100mm Rockwool insulating matting of density no less than 10 Kg/m<sup>2</sup> laid between the joists supported on wire netting stapled to the sides of each joist. Soffits (ceilings) to be finished in 12.5mm plasterboard and 5mm skim coat.

New dormer in timber studs @ 400mm centres and incorporating 100x400 posts @ corners and window jambs. External finish in feather edged weather boarding on building paper on 12.5mm exterior quality ply. Studs to incorporate 75mm Celotex Taf-R G430752 insulation sheet set to the inside face so as to retain a 25mm void. Internal face of the studs lined 25mm Celotex T63072 with taped joints and finish in 12.5mm plasterboard on 1000 gsm polythene. Flashings and sakers in code 4 lead. Window head to be 50 x 150 spiked joists.

Existing and new roof surfaces to be finished in Eternit "slates" on tanylated softwood battens @ recommended gauge and on Tanyvak breathable felt.

Dormer roof: Roof finished as above on 47 x 170 C16 rafters @ 400mm centres. 47 x 170 C16 ceiling joists @ 400mm c.c.'s. M2 bats and star connectors at all timber passings. Roof void insulated 200mm Rockwool insulation quilt (170mm between the ceiling joists and 100mm across and over the joists). External soffit to incorporate a continuous 25mm wired ventilator. Ridge to incorporate a continuous dry bed ridge vent system.

Walls to first floor 100 x 50 timber studs braced @ 800mm x 6 1800mm heights and lined each side 12.5mm plasterboard. Void filled 100mm Rockwool insulation quilt.

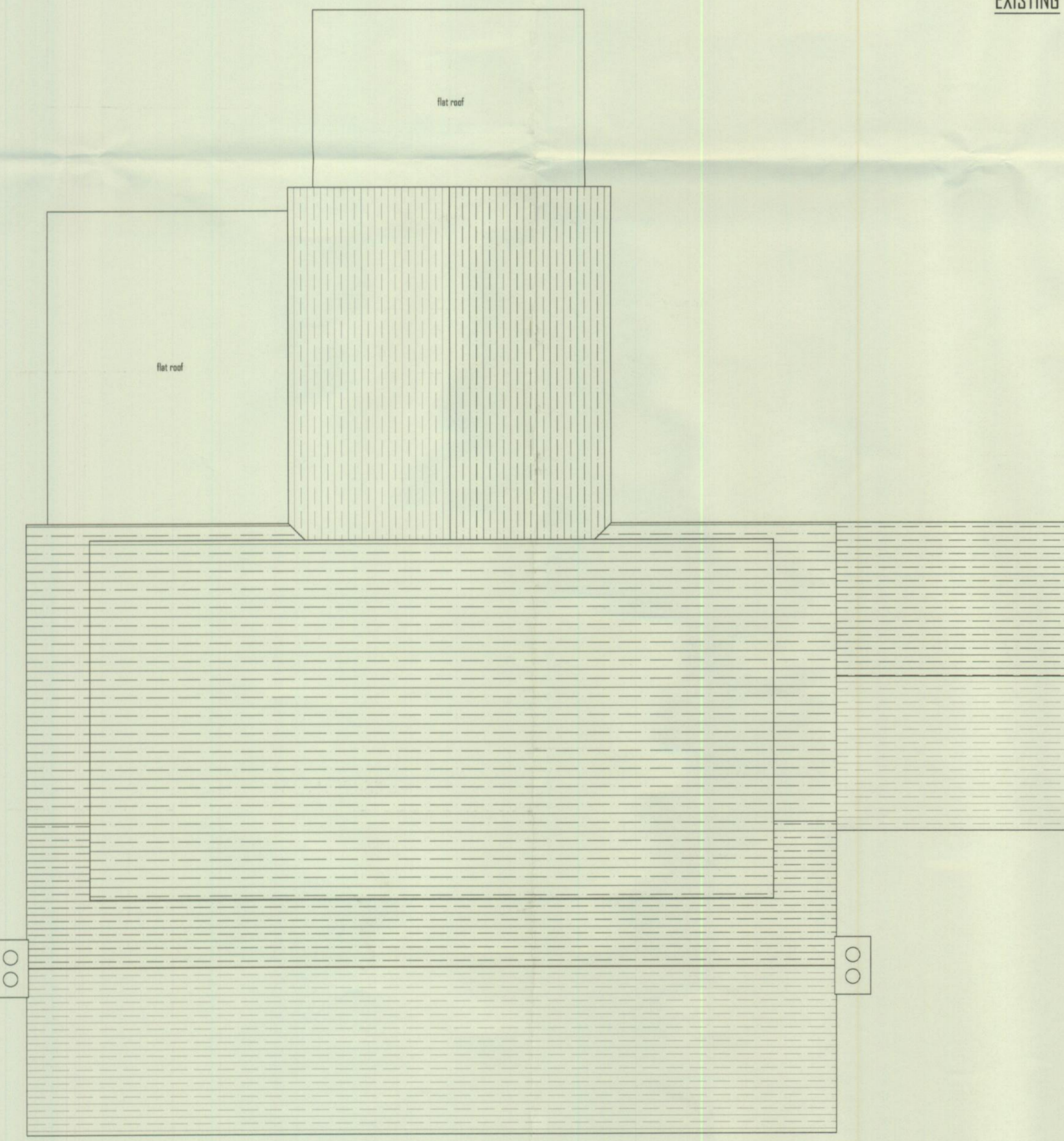
Timber staircase with 11 equal rises of approx. 200mm (subject to site measure). Going to be approx. 225mm to give pitch of 42 deg. Tapered treads to have 50mm minimum width at nosing and extending 500mm above the pitch line. Balustrade 900mm high. Vertical spindles to detail, no gap to spindles or handrail to be more than 95mm.

New fenestration (external windows) to achieve 1.8 W/m<sup>2</sup>.K (e.g. to incorporate Low-E glass and minimum 16mm Argon filled cavity) all to be Part L compliant. Each window to incorporate 5000 sq. mm. EQUIVALENT (8000 sq. mm. nominal) trickle ventilation. Specified casement to achieve a clear opening min. 450mm wide and 750mm high. Bedroom sill 800mm above floor level. Any new glazed doors and side lights within 300mm of doors where within 1500mm of finished floor or ground level, and other windows within 800mm of finished floor level or ground level to be glazed in safety glass to BS 6206.

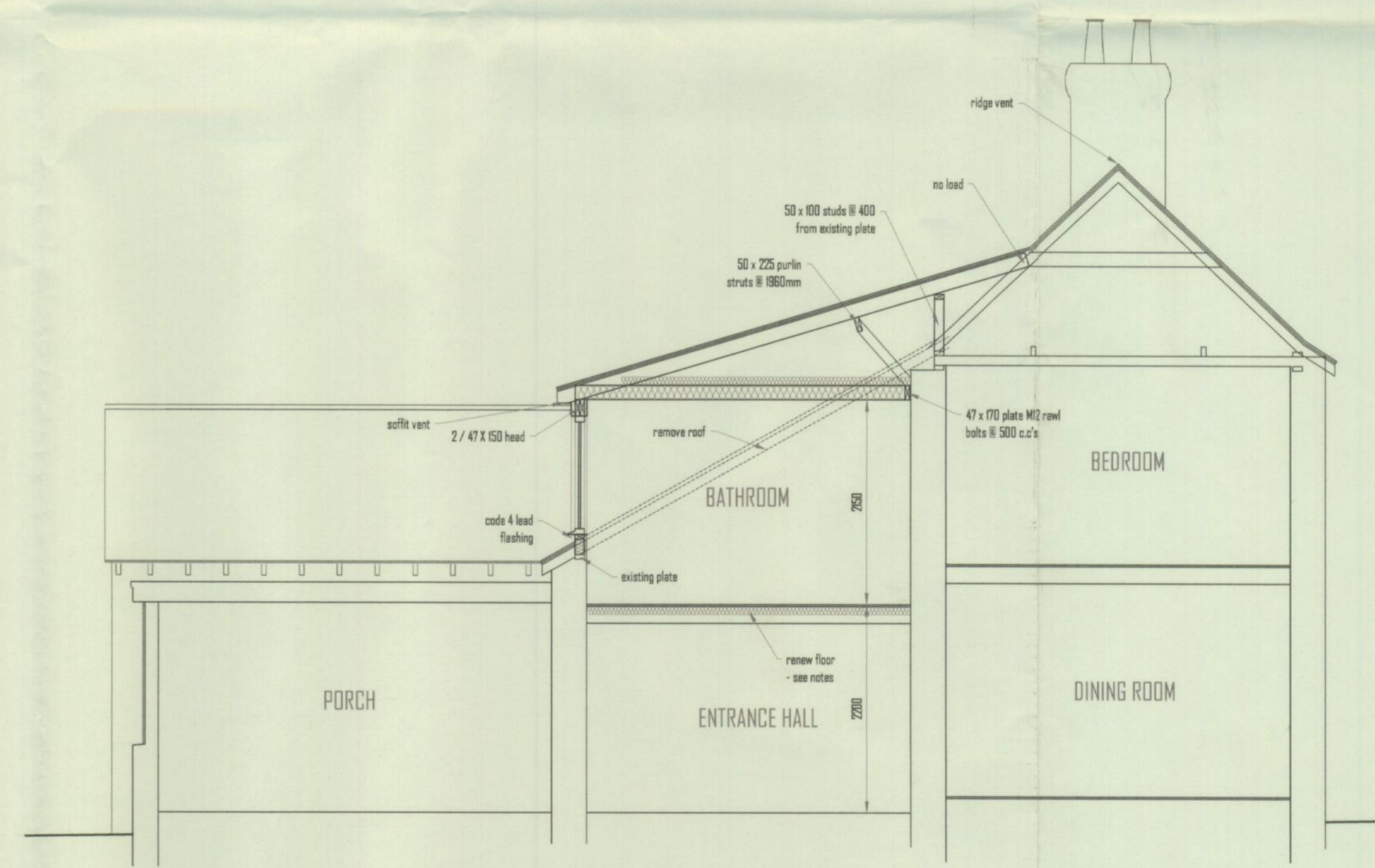
Ventilation throughout: Combined opening areas to all new and altered rooms to be 1/20th floor area. Bathroom to incorporate 100mm diam. fan of extract rate of 15L/sec to vent to external air.

Bathroom fittings layout to detail. Wastes to run to the existing SVP. Shower and Bath wastes 38mm diam. basin wastes 20mm diameter. Wastes in uPVC and fitted to BS 5572 and to incorporate rodding eye at all bends. All wastes greater than 1500mm in length to be 38mm diam. all combined wastes to be 50mm diam. all fittings to incorporate 75mm anti-siphonic traps. No connection within 200mm below the W.C. connection.

Smoke detectors to be mains operated to BS 5446 Part 1 (BS0) and interlinked at each floor.



ROOF PLAN



SECTION

ELEVATIONS SECTIONS Etc.  
to accompany Town Planning & Building Regulations applications  
Alterations & Additions to the roof 2557 03  
Barling Hall Church Road  
Barling Magna SSS3 0LU  
August 08  
Scale: 1:50 1:100

All dimensions must be checked prior to commencement of fabrication. All lines of condition are assumed and are to be checked prior to commencement. Foundation design is based on assumed soil conditions and subject to assessment upon excavation. This drawing is to be read in conjunction with any specialist drawings. This drawing serves only the purpose for which it is produced.

**NEW BUILD** **EXTENSIONS** **ALTERATIONS**  
**DOORS in the DOOR**

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**Barling Hall**