



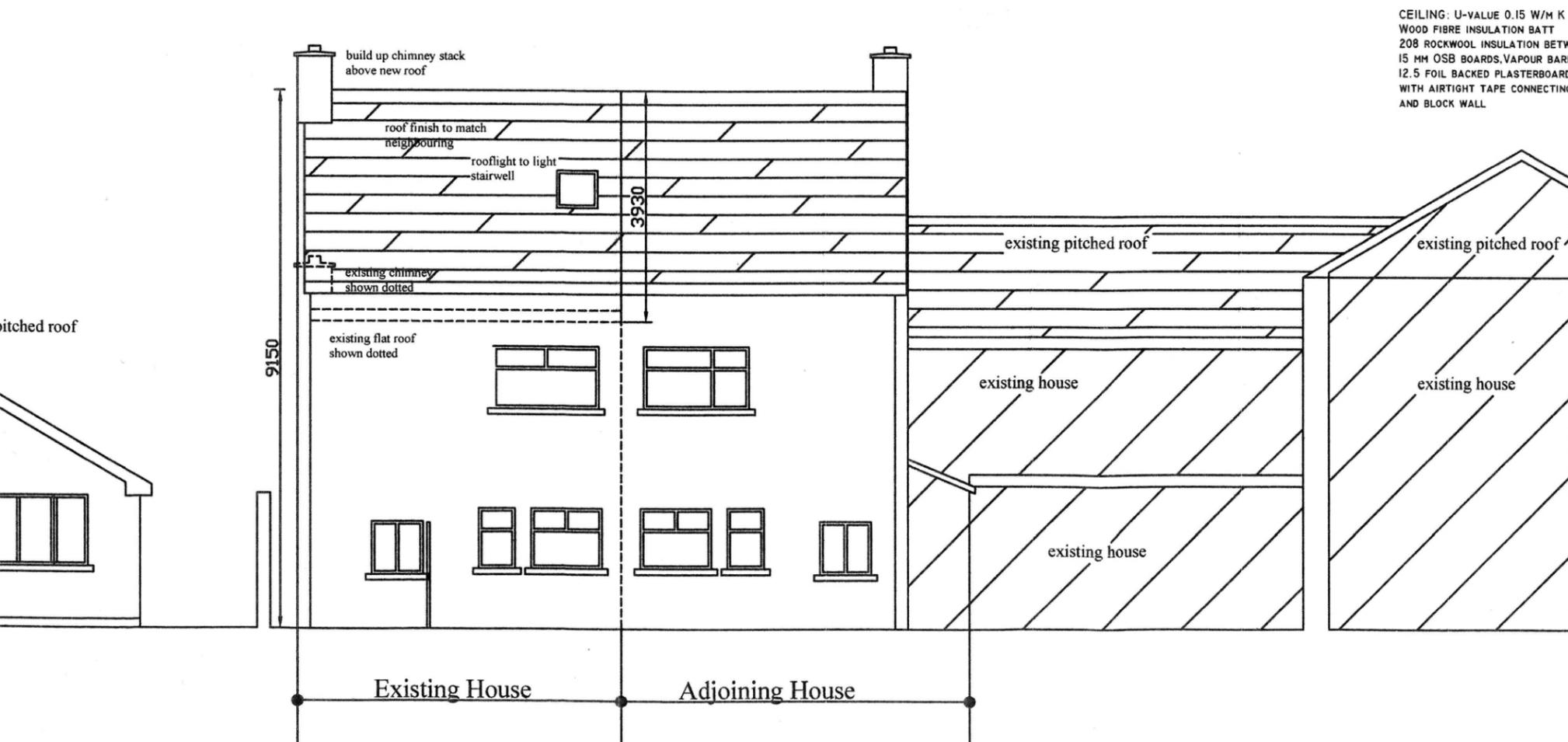
build up chimney stack above new roof
 roof finish to match neighbouring
 triple glazed low-e argon filled window
 dormer window to comply with requirements for means of escape
 existing chimney shown dotted
 existing flat roof shown dotted

EXTERNAL WALL: U-VALUE 0.15 W/M K
 EXTERNAL CLADDING ON VERTICAL BATTENS
 MINIMUM 40 MM CAVITY
 MDF BOARDS
 TIMBER STUD/ROCKWOOL INSULATION
 OSB BOARDS
 BREATHER MEMBRANE
 TIMBER BATTENS/ROCKWOOL INSULATION
 SERVICE CAVITY
 FOIL BACK PLASTERBOARD WITH SKIM FINISH

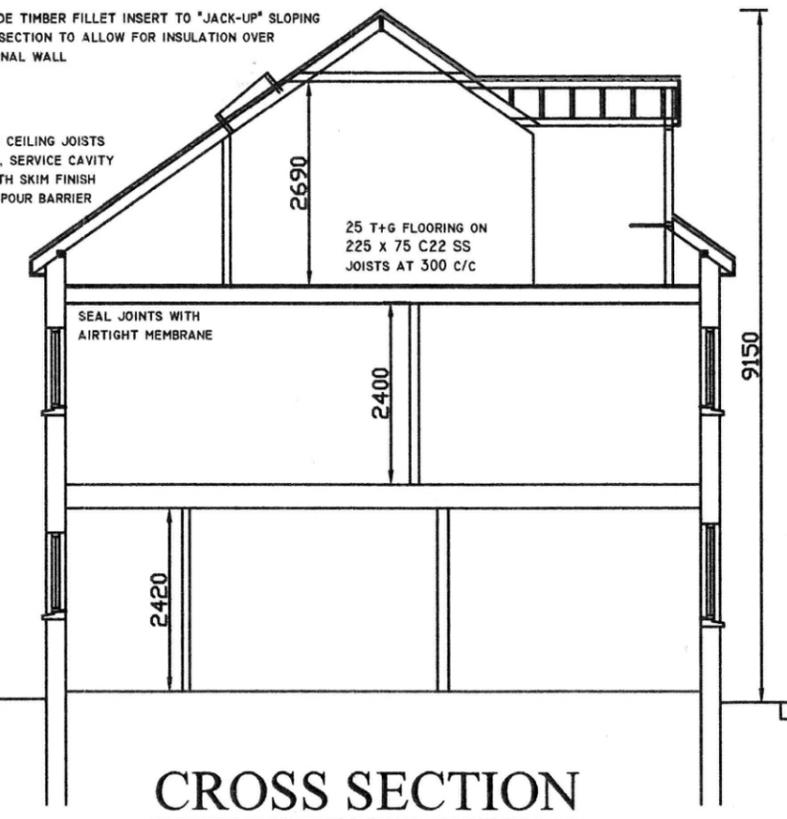
ROOF:
 ROOF FINISH TO MATCH EXISTING ON
 50 x25 TERATED BATTENS ON
 UNTEARABLE ROOFING FELT ON
 150 x 44 RAFTERS CONTINUOUS TO VENT EAVES
 AT 400 C/C ON 100 x 75 WALL PLATES BOLTED TO
 WALLS AND WITH STRAPS

PROVIDE TIMBER FILLET INSERT TO 'JACK-UP' SLOPING
 ROOF SECTION TO ALLOW FOR INSULATION OVER
 EXTERNAL WALL

FRONT (NE) ELEVATION



CEILING: U-VALUE 0.15 W/M K
 WOOD FIBRE INSULATION BATT
 208 ROCKWOOL INSULATION BETWEEN CEILING JOISTS
 15 MM OSB BOARDS, VAPOUR BARRIER, SERVICE CAVITY
 12.5 FOIL BACKED PLASTERBOARD WITH SKIM FINISH
 WITH AIRTIGHT TAPE CONNECTING VAPOUR BARRIER
 AND BLOCK WALL



CROSS SECTION

<p>MICHAEL CARROLL Architectural & Energy Design Glenherbert, Dargle Road, Bray. tel: (01) 286 3958</p>	<p>PROPOSED FRONT & REAR ELEVATIONS AND CROSS SECTION</p>	
<p>PROPOSED ALTERATIONS TO DWELLING AT BY JUPITOR, 3</p>	<p>1/100 SCALE</p>	<p>P/1820/03</p>