

FACING BRICK WALLS

EXTERNAL WALLS ARE TO COMPRISE 100 mm FACING BRICKWORK WITH 100 mm THICK ROCKWOOL FULL FILL INSULATION BATTS TO ACHIEVE 0.28 W/m² AND INNER SKIN TO BE THERMALITE 100 mm 3.5N/m BLOCK WITH 12.5 mm GYPSUM PLASTER FINISH AND SKIM

WALL TIES

STAINLESS STEEL TIES SPACED AT 900 mm HORIZONTAL AND 450 mm VERTICAL CENTRES AND 225 mm AT REVEALS TO COMPLY WITH BS EN 845-1:2003

CAVITY CLOSURES

- DACATIE OR THERMABATE PLUS UP TO 100 mm WIDE U-PVC INSULATED CAVITY CLOSER TO WINDOW AND DOOR HEADS AND JAMBS TO BBA CERT. NO. 87/2648
- CLOSERS ALL TO COMPLY WITH CURRENT 0.28W/m² U - VALUE RATINGS
- ALL FITTING MUST COMPLY WITH AND BE FIRE TESTED TO BS 476: PART 20 - 1987
- AN APPROVED FLEXIBLE MASTIC SEALANT IS TO BE APPLIED TO BOTH INNER AND OUTER FACE OF FRAMES

LINTELS

IG L1/S LINTELS OR SIMILAR APPROVED WITH MINIMUM 150 mm END BEARINGS
ALL GALVANISED STEEL LINTELS ARE TO COMPLY WITH BS 5977 AND SUPPLIED WITH PRE-FITTED CONTINUOUS INSULATION

JOINERY

ALL NEW WINDOWS TO COMPLY WITH CURRENT U-VALUE RATING OF 1.60 W/m² C
EACH WINDOW IS TO BE PROVIDED WITH A MINIMUM 8,000 mm² TRICKLE VENT STRIP FOR PERMANENT BACKGROUND VENTILATION

ESCAPE WINDOWS

ALL INNER ROOM WINDOWS TO HAVE A MINIMUM CLEAR OPENING SIZE OF 750 mm HIGH x 450 mm WIDE - 0.33 m² FOR MEANS OF ESCAPE IN CASE OF FIRE
OPENABLE AREA OF MEANS OF ESCAPE WINDOW TO BE BETWEEN 800 AND1100 mm MAXIMUM ABOVE FINISHED FLOOR LEVEL

DRY LINING TO INNER BLOCK LEAF

WALL CONSTRUCTION AT GF LEVEL ASSUMED TO BE 250 mm WIDE THEREFORE THE FOLLOWING ADDITIONAL INSULATION SHOULD BE USED TO ACHIEVE THE REQUIRED U-VALUE TO THE NEW WALLS AT FF LEVEL AND TO ENSURE THE CAVITY WALL BRICK + BLOCK THICKNESS ALIGNS WITH THE EXISTING GF CONSTRUCTION

- MINIMUM 65 mm THICKNESS CELOTEX PL4000 INSULATION WITH 12.5 mm PLASTERBOARD SHEETS TO FIXED TO WALL INNER FACE - SPECIFIC ADVICE ON SUITABLE FIXINGS SHOULD BE SOURCED DIRECTLY FROM THE MANUFACTURER
- WINDOW AND DOOR REVEALS LINED WITH THINNER PL 4000 BOARDS TO AVOID RISK OF THERMAL BRIDGING
- TO PREVENT EXTERNAL MOISTURE CROSSING OVER TO THE INNER LINING, INSTALL A BREATHABLE MEMBRANE (TYVEK OR SIMILAR) AGAINST THE WALL ACCORDING TO MANUFACTURER'S INSTRUCTIONS
- CELOTEX PL 4000 BOARDS ARE TO BE MECHANICALLY FIXED TO THE WALLS USING SUITABLE FIXINGS AS APPROVED BY MANUFACTURER
- INSULATION BOARDS ARE TO BE FIXED DIRECTLY TO WALLS WITH SUITABLE SCREWS AND PLUGS
- JOINTS BETWEEN THE BOARDS SHOULD BE TIGHTLY BUTTED AND FINISHED BY TAPING AND JOINTING USING APPROPRIATE TAPE AND JOINTING MATERIAL TO CREATE THE VCL
- FINISHED SURFACE TO BE 12.5 mm PLASTERBOARD SHEETS WITH WET SKIM FINISH PLASTER

NOTE

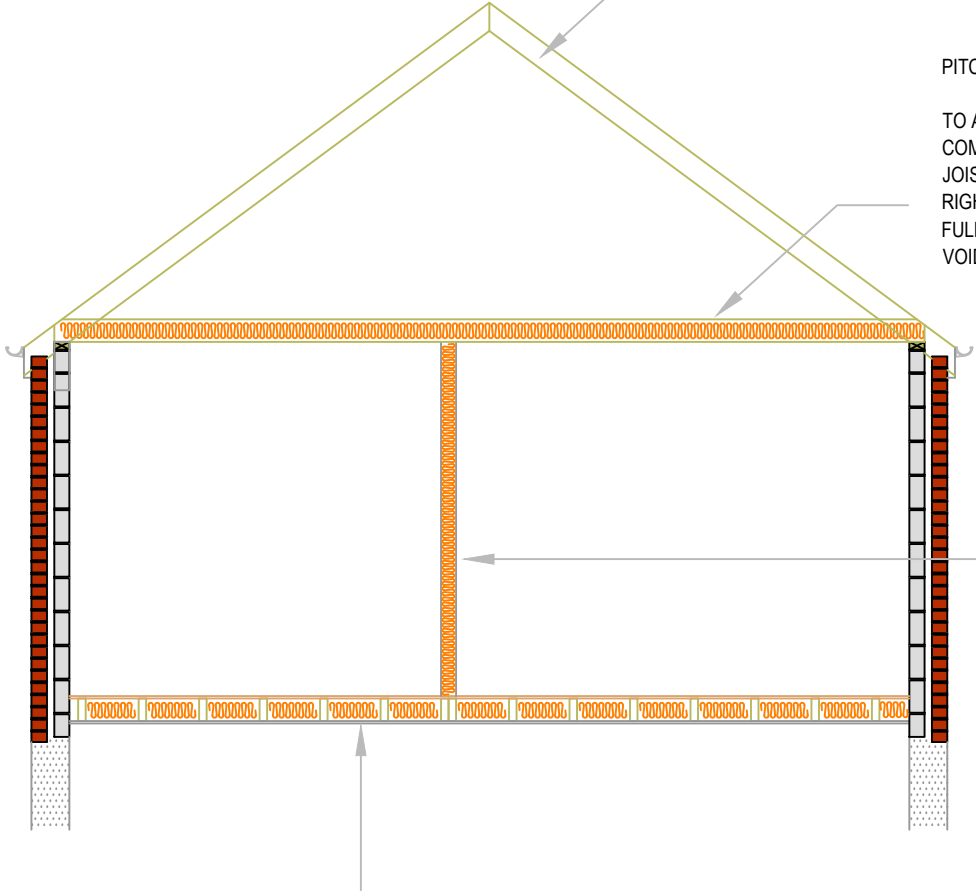
STRUCTURAL ROOF TIMBERS ARE TO BE SPECIFIED BY THE STRUCTURAL ENGINEER

PITCHED ROOF INSULATION

TO ACHIEVE CURRENT 0.16 W/m² K PROVIDE A TOTAL 270 mm THICKNESS MINERAL FIBRE COMPRISING 100 mm MINIMUM THICKNESS MINERAL FIBRE INSULATION QUILT BETWEEN CEILING JOISTS AND 170 mm THICKNESS MINERAL FIBRE INSULATION QUILT OVER CEILING JOISTS LAID AT RIGHT ANGLES AND ROOF INSULATION LAID BETWEEN CEILING JOISTS IS TO BE LINKED WITH FULL CAVITY WALL INSULATION BATTS AND IN ALL CASES THE CROSS AIR FLOW TO THE ROOF VOID IS TO BE MAINTAINED AT THE WALL AND ROOF INSULATION

STUDWORK PARTITION

TO COMPRISE 100 x 50 mm TREATED TIMBER STUDWORK AT 450 mm VERTICAL CENTRES AND HORIZONTAL STUDS EVERY 400 mm CENTRES
ADDITIONAL NOGGINS ARE TO BE PROVIDED TO PARTITIONS AS NECESSARY FOR SUPPORT TO PLASTERBOARD AND OTHER FIXTURES AND FITMENTS
EITHER SIDE OF STUDWORK WALLS ARE TO BE FINISHED WITH 1 LAYER 12.5 mm THICK PLASTERBOARD AND SKIM PLASTER FINISH TO ALLEVIATE SOUND TRANSMISSION BETWEEN ROOMS INFILL ALL VOIDS BETWEEN THE TIMBER STUDWORK AND NOGGINS WITH APPROX. 100 mm THICK MINERAL WOOL QUILT



REMOVE EXISTING FLAT ROOF DECKING + INSULATION AND DEPENDING ON SIZE AND SPAN OF EXISTING ROOF JOISTS SUGGEST PROVISION OF NEW 150 x 50 mm C16 GRADE SOFTWOOD + TREATED FLOOR JOISTS LAID @ 400 mm CENTRES ALL TO COMPLY WITH APPROVED DOCUMENTS AND PROVIDE MINIMUM 100 mm THICK MINERAL WOOL INSULATION- DENSITY TO BE MINIMUM 60 kg/m3 BETWEEN FLOOR JOISTS WITH CEILING OF 12.5 mm THICK PLASTERBOARD - MINIMUM 10 kg/m2 - AND SKIM FINISH

PROVIDE DOUBLE JOISTS SPIKED OR BOLTED AT 900 mm CENTRES WITH 12.5 mm DIAMETER MILD STEEL BOLTS AND DOG TOOTH CONNECTORS WHERE SUPPORTING TIMBER PARTITIONS SPANNING PARALLEL TO JOIST SPAN

ALL JOIST ENDS TO BE SOLELY FULLY FIXED TO GALVANISED RESTRAINT TYPE FLOOR JOIST HANGERS TO PREVENT AIR LEAKAGE AND COLD BRIDGING WITH ALL HOLES FULLY NAILED TO COMPLY WITH BS 6178: PART 1: 1990 AND AS PER MANUFACTURERS INSTRUCTIONS

SOLID TIMBER NOGGINS TO MATCH JOIST DEPTH OR GALVANISED STEEL HERRINGBONE JOIST STRUTS TO BE PROVIDED AT MID-SPAN

Martin Pugsley
MP Building Plans Ltd
1 Testwood Road
WINDSOR
SL4 5RL
telephone: 01753-868902
e-mail: martin@mpbuildingplans.co.uk
www.mpbuildingplans.co.uk

REVISION		
NOTES <ul style="list-style-type: none">ALL DIMENSIONS MUST BE CHECKED ON SITE FOR CONSTRUCTION PURPOSES BY THE CONTRACTORDO NOT SCALE FROM THIS DRAWINGALL BUILDING REGULATION DRAWINGS MUST BE READ IN CONJUNCTION WITH THE ACCOMPANYING A4 BUILDING SPECIFICATION NOTESNO PART OF THIS DRAWING MAY BE COPIED OR REPRODUCED WITHOUT WRITTEN CONSENT FROM MP BUILDING PLANS LTD ©ALL WORKS ARE TO COMPLY WITH THE CURRENT BRITISH STANDARDS AND APPROVED DOCUMENTS REQUIREMENTSDRAWING ERRORS AND OMISSIONS TO BE REPORTED TO THE PERSON RESPONSIBLE FOR PRODUCING THE DRAWINGALL WORKS BEGUN PRIOR TO LOCAL AUTHORITY APPROVAL ARE CARRIED OUT AT THE HOMEOWNERS OWN RISKNO ENCROACHMENT TO THE ADJACENT DWELLING BOUNDARY IS PERMITTED VIA FOUNDATION CONCRETE PROJECTION, SOFFIT AND FASCIA BOARDING OR ANY GUTTERING FIXTURES		

Client name and address
ANDREW & JEAN SHEPPARD
23 PIERSON ROAD
WINDSOR
BERKSHIRE
SL4 5RJ

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