

THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE FULL SPECIFICATION

Date	Revisions
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Client

Location

Proposal

Drawing Title

Scale

Date Drawn by

Drg No. Revision

TRADITIONAL ROOF:

NEW HIPPED ROOF TO BE FULLY DESIGNED BY A STRUCTURAL ENGINEER AND DESIGN AND DETAILS SUBMITTED TO THE LA BY THE APPLICANT MIN 4 WEEKS PRIOR TO COMMENCEMENT FOR THEIR FULL APPROVAL.

TO FLAT CEILING6 INSTALL A MINIMUM OF 250mm TOTAL INSULATION QUILT WITHIN ROOF VOID, 100mm CROWN WOOL (0.040W/m²K) OR EQUAL LAID BETWEEN CEILING JOISTS AND 150mm CROWN WOOL (0.040W/m²K) OR EQUAL LAID PERPENDICULARLY OVER - U=0.16W/m²K. 12.5MM PLASTERBOARD AND SKIM FINISH TO UNDERSIDE. 50MM AIRFLOW IS TO BE MAINTAINED OVER WALL PLATES AND ACROSS RIDGE.

FIRST FLOOR:

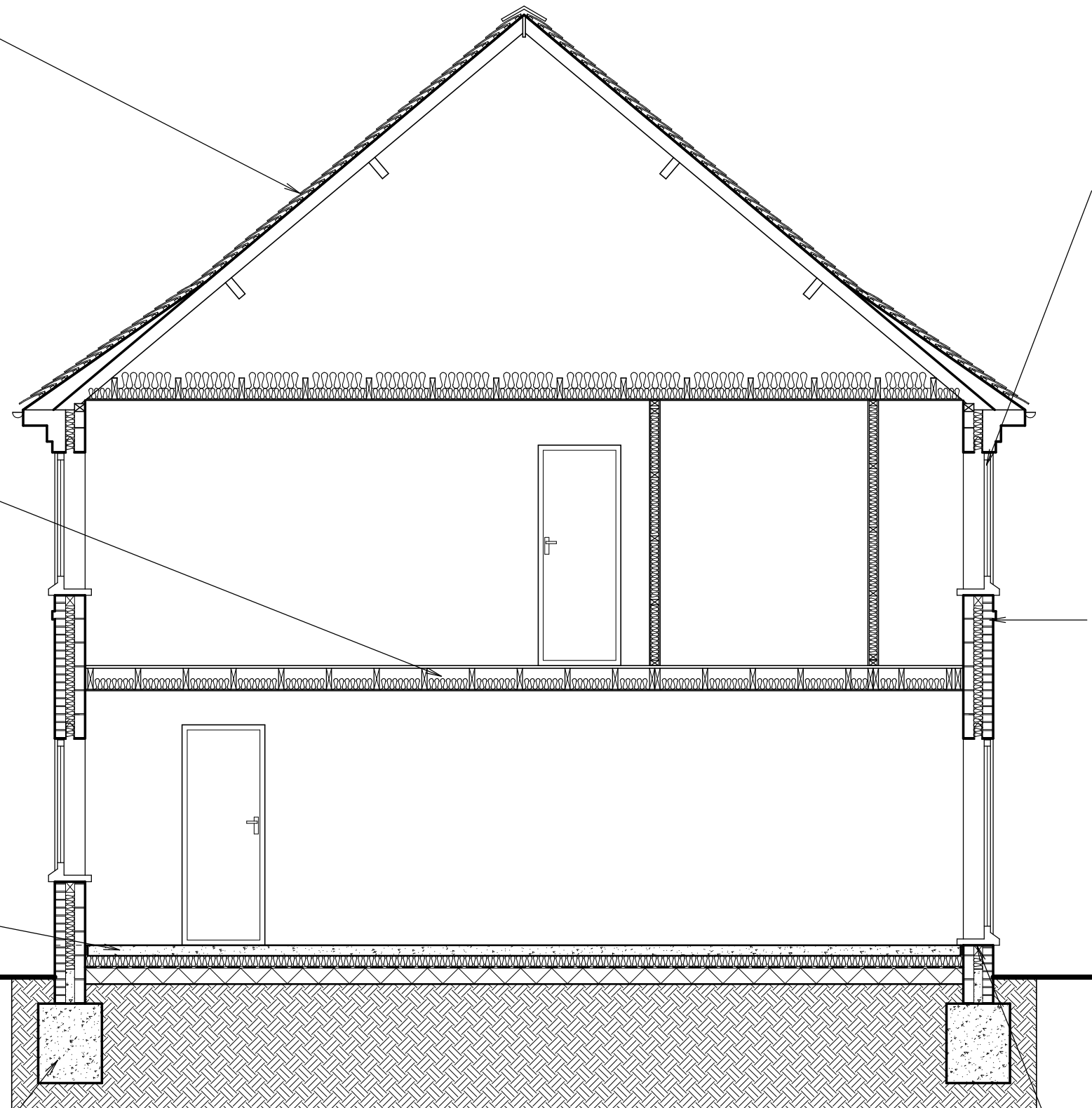
REV A: 200mm x 50mm C16 GRADE TIMBER FLOOR JOISTS AT MAXIMUM 350mm CENTRES SPANNING THE SHORTEST DISTANCE. 1 ROW OF STRUTTING WHERE SPANS EXCEED 2500 AND 2ND ROWS WHERE SPANS EXCEED 4500 OF EITHER 175 X 38 SOLID STRUTTING OR 38 X 38 HERRINGBONE STRUTTING EQUALLY SPACED PERPENDICULAR TO JOIST SPAN. MIN 22mm TONGUE AND GROOVED WATER RESISTANT CHIPBOARD IS TO BE LAID OVER AND NAILED INTO JOISTS. ONE LAYER OF 12.5mm THICK PLASTERBOARD TO U/SIDE WITH TAPED AND SKIMMED JOINTS. 100mm ROCKWOOL INSULATION IN BETWEEN FLOOR JOISTS.

GROUND FLOOR SLAB:

INSTALL 100mm GRADE ST2 READY MIXED CONCRETE IN-SITU FLOOR SLAB - HAND FINISHED ON 80mm CELOTEX TUFF-R GA3000Z INSULATION ON 2000G POLYTHENE DPM MADE CONTINUOUS WITH DPC ON SAND-BLINDED WELL CONSOLIDATED HARDWARE, MIN 150mm OVER CLEARED TOPSOIL. ALL IS TO PROVIDE A MINIMUM U-VALUE OF 0.22W/m²K. LEVEL GOOD QUALITY BRICKWORK TO BOTH SKINS

TRENCH FILL FOUNDATIONS:

REV A: TRENCH EXCAVATIONS DEPTH TO BE FULLY APPROVED BY THE BUILDING CONTROL OFFICER ON SITE AND THEY ARE TO BE 600mm WIDE FOR OUTER CAVITY WALLS AND 450mm WIDE FOR INTERNAL SINGLE SKIN LOAD BEARING WALLS. ALL DEPTHS TO BE APPROVED ON SITE BY THE BUILDING CONTROL OFFICER WHICH WILL BE DETERMINED BY THE GROUND CONDITIONS. GRADE ST4 TRENCH-FILL CONCRETE LAID TO MAX 150mm FROM FINISHED GROUND LEVEL GOOD QUALITY BRICKWORK TO BOTH SKINS UNDERGROUND OR SUITABLE ALTERNATIVE I.E. TRENCH BLOCK.



PROPOSED SECTION THROUGH (1:50)

DOORS AND WINDOWS:

NEW WINDOW AND DOOR FRAMES TO MATCH EXISTING WITH DOUBLE GLAZING UNITS INCORPORATING A 16mm AIR GAP BETWEEN GLASS WHICH IS TO BE ARGON GAS FILLED WITH A 'SOFT' LOW-E COATING (SUCH AS PILKINGTON 'K' GLASS OR SIMILAR) U=1.8W/m²K. ALL TO BE FULLY DRAUGHT PROOFED. TOUGHENED SAFETY GLASS TO BS.6206: 1981 TO BE USED IN LOCATIONS SUCH AS DOORS AND SIDE LIGHTS, AND WHERE SILL IS BELOW 800mm AND IN DOORS 1500mm ABOVE FINISHED FLOOR LEVEL (ALL IN ACCORDANCE WITH PART N OF THE BUILDING REGULATIONS).

FIRST FLOOR WINDOWS TO PROVIDE EMERGENCY EGRESS WITH OPENING WINDOW MIN 0.33m², MIN 450mm WIDE, WITH SILL HEIGHT BETWEEN 800mm & 1100mm FROM FINISHED FLOOR LEVEL.

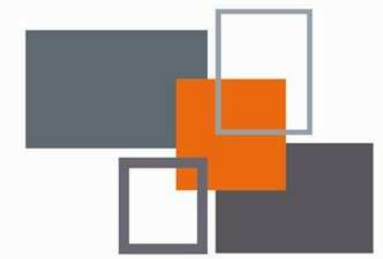
BRICK AND BLOCK CAVITY WALLS:

285mm CAVITY WALLS CONSTRUCTED WITH ANCON STAFIX HRT4 STAINLESS STEEL WALL TIES AT 900 C/C HORIZONTALLY AND 450 C/C VERTICALLY STAGGERED, 300 C/C VERTICALLY AT REVEALS. 102mm FACING BRICK OUTER-LEAF, 85mm CAVITY FILLED WITH 85mm CROWN DRITHERM INSULATION AND 100mm DUROX SUPABLOC (AERATED BLOCKWORK) OR EQUAL APPROVED BY BUILDING INSPECTOR. INTERNALLY BLOCKWORK IS TO RECEIVE A 25mm OVER ALL DRYLINING PLASTERBOARD AND SKIM FINISH. ALL TO PROVIDE A MINIMUM U-VALUE OF 0.30 W/m²K.

CATNIC COUGAR 70/100 RANGE (OR SIMILAR APPROVED) LINTELS TO BE USED OVER NEW EXTERNAL OPENINGS WITH MIN 150mm END BEARINGS AND CAVITY TRAY OVER WITH WEEP HOLES BUILT INTO BRICKWORK JOINTS.

DAMP PROOF COURSE:

HORIZONTAL AND VERTICAL DAMP PROOF COURSE TO BS. 743 VERTICAL DAMP PROOF COURSE TO ALL NEW OPENINGS, MINIMUM 150mm WIDE. HORIZONTAL DAMP PROOF COURSE TO BE CONTINUOUS WITH DAMP PROOF MEMBRANE IN THE FLOOR AND POSITIONED 150mm MINIMUM ABOVE FINISHED GROUND LEVEL. CAVITIES TO BE FILLED WITH A WEAK MIX CONCRETE 225mm BELOW DPC.



MAKING PLANS
architecture

Ivy Lodge, Twyford Road, Willington, Derby. DE65 6DE
T/F 01283 703160 E info@makingplans-architecture.co.uk
W www.makingplans-architecture.co.uk