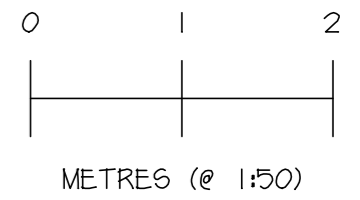


NOTES

All dimensions must be checked on site and not scaled from this drawing



Date	Revisions

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Client

Location

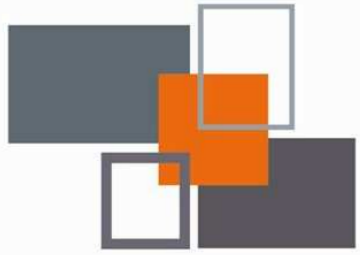
Proposal

Drawing Title

Scale

Date Drawn by

Drg No. Revision



MAKING PLANS
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TRADITIONAL ROOF:
INSTALL NEW TRADITIONAL 150X30MM RAFTERS AT 300 C/C WITH 100X50 COLLARS. (NOTE! ALL FULLY SPECIFIED BY THE STRUCTURAL ENGINEER)
TO SLOPING CEILING6 INSTALL 1 LAYER OF CELOTEX TUFF-R GA3000Z INSULATION WHICH IS TO BE 140MM BETWEEN THE RAFTERS WITH 13MM PLASTERBOARD AND 6KM FINISH TO THE UNDERSIDE. NOTE! MINIMUM 10MM AIR GAP IS TO BE MAINTAINED ABOVE THE INSULATION FOR VENTILATION PURPOSE6. ALL TO PROVIDE A U VALUE OF 0.2 W/M2K.
TO FLAT CEILING6 INSTALL A MINIMUM OF 250MM TOTAL INSULATION GUILT WITHIN ROOF VOID, 100MM CROWN WOOL (0.040W/MK) OR EQUAL LAID BETWEEN CEILING JOIST6 AND 150MM CROWN WOOL (0.040W/MK) OR EQUAL LAID PERPENDICULARLY OVER- U=0.16W/ MK. 12.5MM PLASTERBOARD AND 6KM FINISH TO UNDERSIDE. 50MM AIRFLOW IS TO BE MAINTAINED OVER WALL PLATE6 AND ACROSS6 RIDGE.

VELUX ROOFLIGHT6:
MANUALLY OPERATED VELUX ROOFLIGHT6 FITTED INTO THE VAULTED ROOF WITH THE OPENING TRIMMED OUT AS MANUFACTURER6 RECOMMENDATIONS AND THE APPROVAL OF BUILDING INSPECTOR.

STRUCTURAL 6TIDWORK FRAMING:
USE 100 X 50MM STUDWORK FRAMING AT 300MM C/C WITH 18MM PLY FACE. INSTALL 100MM CELOTEX INSULATION BETWEEN FRAMING.

SECOND FLOOR (TO LOBBY):
125MM X 63MM C16 GRADE TIMBER FLOOR JOIST6 AT MAXIMUM 450MM CENTRE6 SPANNING THE SHORTEST DISTANCE. 1 ROW OF STRUTTING WHERE SPAN6 EXCEED 2500 AND 2NO ROW6 WHERE SPAN6 EXCEED 4500 OF EITHER 125 X 36 SOLID 6TRUTTING OR 36 X 36 HERRINGBONE 6TRUTTING EQUALLY 6PACED PERPENDICULAR TO JOIST 6SPAN. MIN 22MM TONGUE AND GROOVED WATER RESISTANT CHIPBOARD IS TO BE LAID OVER AND NAILED INTO JOIST6. ONE LAYER OF 12.5MM THICK PLASTERBOARD TO U/SIDE WITH TAPED AND SKIMMED JOINT6. 100 MM ROCKWOOL INSULATION IN BETWEEN FLOOR JOIST6 SUPPORTED OFF CHICKEN MESH ABOVE EXISTING PLASTERBOARD.

TRADITIONAL ROOF:
NEW ROOF TILE6 TO MATCH EXISTING, ON 25 X 36 6W TREATED TILING BATTEN6 ON MONOFORM 700 ROOFING MEMBRANE (MIN 150MM LAP6). TRADITIONAL 200X50MM RAFTERS AT MAXIMUM 450MM CENTRE6 WITH 100X50 CEILING JOIST6 AT 450MM CENTRE6. 100X75MM WALL PLATE SECURED WITH 30X5 GALVANISED STEEL RESTRAINT 6TRAP6 AT MAXIMUM 2000 CENTRE6 AND BRACING ALL TO B.S. 5286 6 5626.
INSTALL 175X63MM WALL PLATE BOLTED @ 400 C/C WITH 16MM DIA BOLTS INTO EXISTING WALL TO TAKE THE TOP OF THE NEW RAFTERS. INSTALL STAINLESS STEEL TRUSS CLIP6 TO THE TOP OF THE RAFTER FIXED TO WALL PLATE.
TO SLOPING CEILING6 INSTALL 1 LAYER OF CELOTEX TUFF-R GA3000Z INSULATION WHICH IS TO BE 140MM BETWEEN THE RAFTERS WITH 13MM PLASTERBOARD AND 6KM FINISH TO THE UNDERSIDE. NOTE! MINIMUM 10MM AIR GAP IS TO BE MAINTAINED ABOVE THE INSULATION FOR VENTILATION PURPOSE6. ALL TO PROVIDE A U VALUE OF 0.2 W/M2K.
TO FLAT CEILING6 INSTALL A MINIMUM OF 250MM TOTAL INSULATION GUILT WITHIN ROOF VOID, 100MM CROWN WOOL (0.040W/MK) OR EQUAL LAID BETWEEN CEILING JOIST6 AND 150MM CROWN WOOL (0.040W/MK) OR EQUAL LAID PERPENDICULARLY OVER- U=0.16W/ MK. 12.5MM PLASTERBOARD AND 6KM FINISH TO UNDERSIDE. 50MM AIRFLOW IS TO BE MAINTAINED OVER WALL PLATE6 AND ACROSS6 RIDGE.

254 X 254 X 107 UC ALL FULLY DETAILED IN ENGINEER6 CALCULATIONS

VELUX ROOFLIGHT6:
MANUALLY OPERATED VELUX ROOFLIGHT6 FITTED INTO THE VAULTED KITCHEN ROOF WITH THE OPENING TRIMMED OUT AS MANUFACTURER6 RECOMMENDATIONS AND THE APPROVAL OF BUILDING INSPECTOR.

BRICK AND BLOCK CAVITY WALL6:
285MM CAVITY WALL6 CONSTRUCTED WITH ANCON STAFFX HRT4 STAINLESS STEEL WALL TIE6 AT 300 C/C HORIZONTALLY AND 450 C/C VERTICALLY STAGGERED. 300 C/C VERTICALLY AT REVEAL6. 102MM FACING BRICK OUTER-LEAF, 85MM CAVITY FILLED WITH 75MM CROWN DRITHERM INSULATION AND 100MM DUROX 6UPABLOC (AERATED BLOCKWORK) OR EQUAL APPROVED BY BUILDING INSPECTOR. INTERNALLY BLOCKWORK IS TO RECEIVE A 25MM OVER ALL DRYLINING PLASTERBOARD AND 6KM FINISH. ALL TO PROVIDE A MINIMUM U- VALUE OF 0.30 W/M2K.

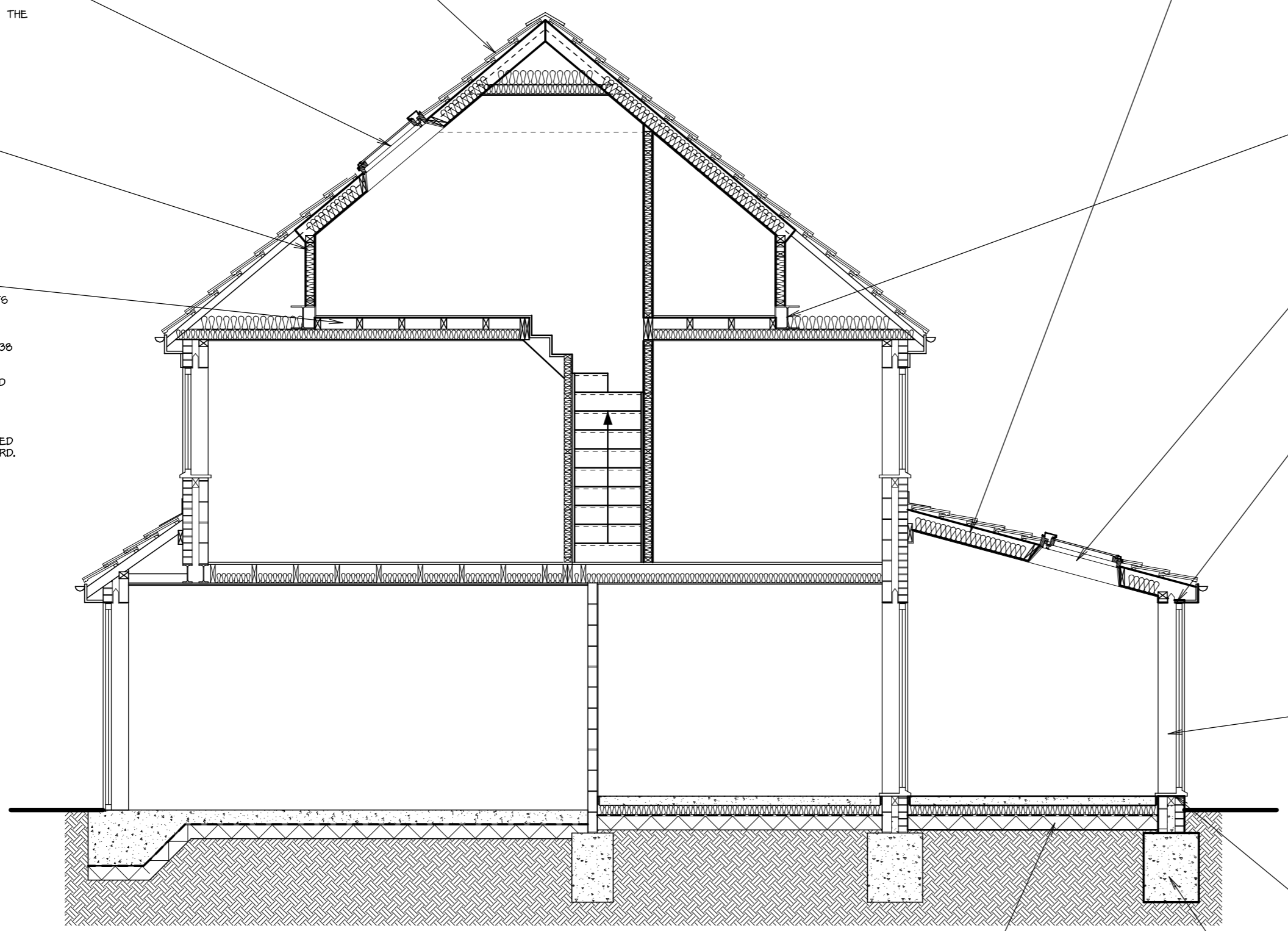
CATNIC COUGAR 70/100 RANGE (OR SIMILAR APPROVED) LINTEL6 TO BE USED OVER NEW EXTERNAL OPENING6 WITH MIN 150MM END BEARING6 AND CAVITY TRAY OVER WITH WEEP HOLE6 BUILT INTO BRICKWORK JOINT6.

DOOR6 AND WINDOW6:
NEW WHITE UPVC WINDOW AND DOOR FRAMES WITH DOUBLE GLAZING UNIT6 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 DOOR6 ETC. AND SIDE LIGHT6, AND WHERE SILL IS BELOW 600MM AND IN DOOR6 1500MM ABOVE FINISHED FLOOR LEVEL (ALL IN ACCORDANCE WITH PART N OF THE BUILDING REGULATIONS).

DAMP PROOF COURSE:
HORIZONTAL AND VERTICAL DAMP PROOF COURSE TO B.S. 743 VERTICAL DAMP PROOF COURSE TO ALL NEW OPENING6, 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.

GROUND FLOOR 6LAB:
INSTALL 100MM GRADE 6T2 READY MIXED CONCRETE IN-6ITU FLOOR 6LAB - HAND FINISHED ON 80MM CELOTEX TUFF-R GA3000Z INSULATION ON 2000G POLYTHENE DPM MADE CONTINUOUS WITH DPC ON SAND-BLINDED WELL CONSOLIDATED HARDCORE, MIN 150MM OVER CLEARED TOPSOIL. ALL IS TO PROVIDE A MINIMUM U- VALUE OF 0.22W/M2K. LEVEL GOOD QUALITY BRICKWORK TO BOTH 6KING

TRENCH FILL FOUNDATION6:
TRENCH EXCAVATION6 MIN 1000MM DEEP AND 600MM WIDE FOR OUTER CAVITY WALL6 AND 450MM WIDE FOR INTERNAL SINGLE 6KIN LOAD BEARING WALL6. ALL DEPTHS TO BE APPROVED ON SITE BY THE BUILDING CONTROL OFFICER WHICH WILL BE DETERMINED BY THE GROUND CONDITIONS. GRADE 6T4 TRENCH-FILL CONCRETE LAID TO MAX 150MM FROM FINISHED GROUND LEVEL. GOOD QUALITY BRICKWORK TO BOTH 6KING UNDERGROUND OR SUITABLE ALTERNATIVE I.E. TRENCH BLOCK.



PROPOSED SECTION THROUGH (1:50)