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	Date	Revisions
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Client

Location

Proposal

Drawing Title

Scale

Date

Drawn by

Drg No.

Revision

TRUSSED RAFTER ROOF:

NEW ROOF TILES TO MATCH EXISTING, ON 25 X 36 SW TREATED TILING BATTENS ON MONARPERM 700 ROOFING MEMBRANE (MIN 150MM LAP). NEW PRE-FABRICATED ROOF TRUSSES TO MANUFACTURERS SPECIFICATION AND DESIGN AT 600MM CENTRES. 100X75MM WALL PLATE SECURED WITH 30X5 GALVANISED STEEL RESTRAINT STRAPS AT MAXIMUM 2000 CENTRES AND BRACING ALL TO BS 5266 & 5262.

TO SLOPING CEILING INSTALL 1 LAYER OF CELOTEX TUFF-R G3000Z INSULATION WHICH IS TO BE 150MM BETWEEN THE RAFTERS WITH 12MM PLASTERBOARD AND SKIM FINISH TO THE UNDERSIDE. NOTE MINIMUM 10MM AIR GAP IS TO BE MAINTAINED ABOVE THE INSULATION FOR VENTILATION PURPOSES. ALL TO PROVIDE A U VALUE OF 0.2 W/M2K.

TO FLAT CEILING INSTALL A MINIMUM OF 300MM TOTAL INSULATION GUILT WITHIN ROOF VOID, 150MM CROWN WOOL OR EQUAL LAID BETWEEN CEILING JOISTS AND 150MM CROWN WOOL OR EQUAL LAID PERPENDICULARLY OVER 12.5MM PLASTERBOARD AND SKIM FINISH TO UNDERSIDE. 50MM AIRFLOW IS TO BE MAINTAINED OVER WALL PLATES AND ACROSS RIDGE.

STONE AND BLOCK CAVITY WALLS:

205MM CAVITY WALLS CONSTRUCTED WITH ANCON STAIRX HRT4 STAINLESS STEEL WALL TIES AT 750 C/C HORIZONTALLY AND 400 C/C VERTICALLY STAGGERED, 300 C/C VERTICALLY AT REVEALS. 100MM FACING STONE 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 DRYLINS PLASTERBOARD AND SKIM FINISH ALL TO PROVIDE A MINIMUM U-VALUE OF 0.30 W/M2K.

CATNAC COUGAR 90/100 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.

TRADITIONAL ROOF:

NEW ROOF TILES TO MATCH EXISTING, ON 25 X 36 SW TREATED TILING BATTENS ON MONARPERM 700 ROOFING MEMBRANE (MIN 150MM LAP). TRADITIONAL 150X50MM RAFTERS AT MAXIMUM 450MM CENTRES WITH 125X200 CEILING JOISTS AT 450MM CENTRES. 100X75MM WALL PLATE SECURED WITH 30X5 GALVANISED STEEL RESTRAINT STRAPS AT MAXIMUM 2000 CENTRES AND BRACING ALL TO BS 5266 & 5262.

INSTALL 175X25MM 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 CLIPS TO THE TOP OF THE RAFTER FIXED TO WALL PLATE.

TO FLAT CEILING INSTALL A MINIMUM OF 300MM TOTAL INSULATION GUILT WITHIN ROOF VOID, 150MM CROWN WOOL OR EQUAL LAID BETWEEN CEILING JOISTS AND 150MM CROWN WOOL OR EQUAL LAID PERPENDICULARLY OVER 12.5MM PLASTERBOARD AND SKIM FINISH TO UNDERSIDE. 50MM AIRFLOW IS TO BE MAINTAINED OVER WALL PLATES AND ACROSS RIDGE.

STONE AND BLOCK CAVITY WALLS:

205MM CAVITY WALLS CONSTRUCTED WITH ANCON STAIRX HRT4 STAINLESS STEEL WALL TIES AT 750 C/C HORIZONTALLY AND 400 C/C VERTICALLY STAGGERED, 300 C/C VERTICALLY AT REVEALS. 100MM FACING STONE 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 DRYLINS PLASTERBOARD AND SKIM FINISH ALL TO PROVIDE A MINIMUM U-VALUE OF 0.30 W/M2K.

CATNAC COUGAR 90/100 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:

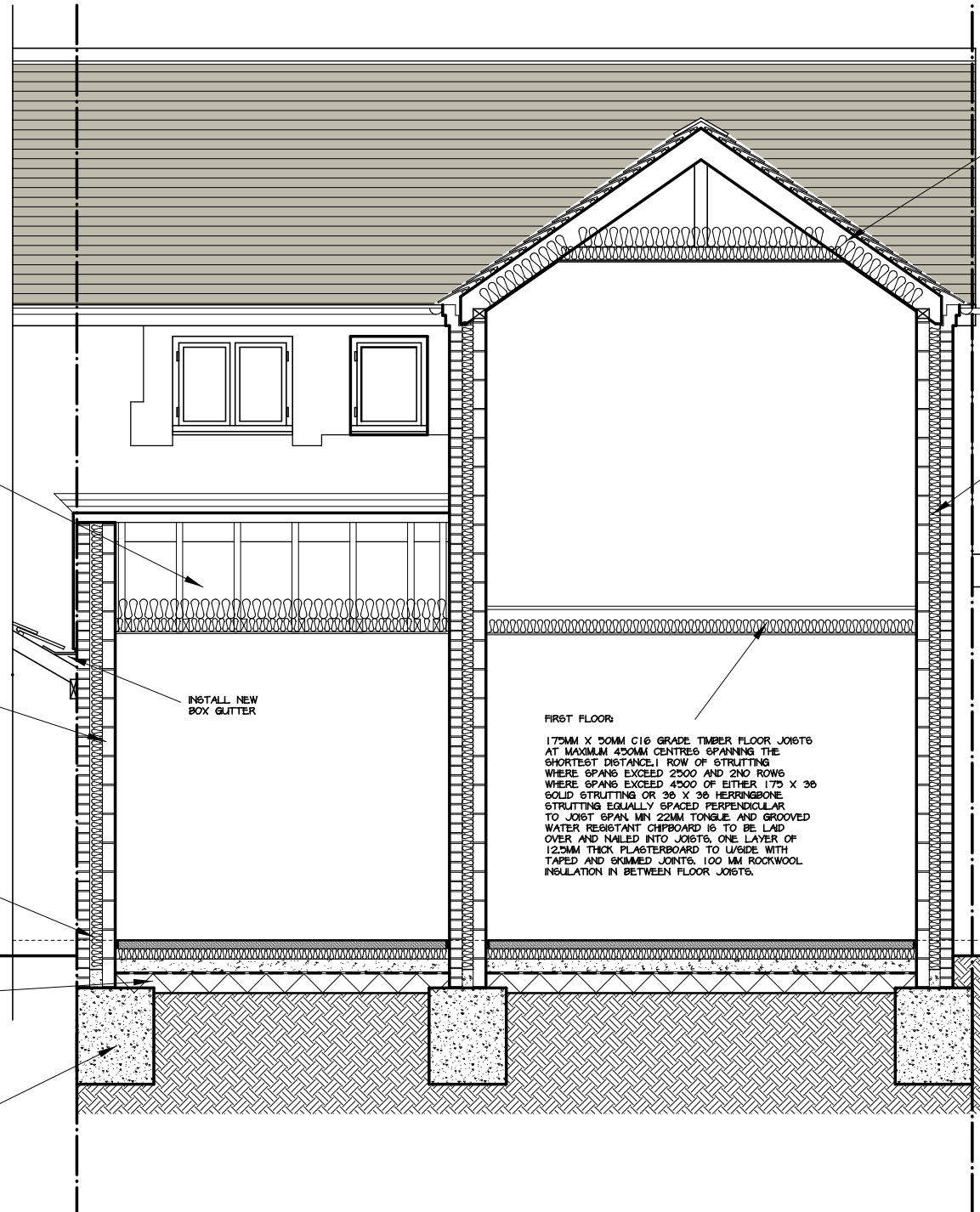
HORIZONTAL AND VERTICAL DAMP PROOF COURSE TO BS 743 VERTICAL DAMP PROOF COURSE TO ALL NEW OPENINGS, MINIMUM 150MM WIDE HORIZONTAL DAMP PROOF COURSE TO BE CONTINUOUS WITH DAMP PROOF MEMBRANE IN THE FLOOR AND POSITIONED 150MM MINIMUM ABOVE FINISHED GROUND LEVEL. CAVITIES TO BE FILLED WITH A WEAK MIX CONCRETE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

GROUND FLOOR SLAB WITH SCREED FINISH:

INSTALL MIN 150MM WELL CONSOLIDATED SAND BLINDED HARDCORE (MAX 600MM DEEP) ONTO THE EXISTING GROUND THAT HAS BEEN SCRAPED BACK TO THE CORRECT HEIGHT. INSTALL 100MM GRADE 6/2 READY MIXED CONCRETE IN-SITU SLAB ABOVE WITH 2000G POLYTHENE DPM WHICH IS TO BE MADE CONTINUOUS WITH THE DPC. ON TOP OF THE CONCRETE IS TO GO A MINIMUM OF 80MM CELOTEX TUFF-R G3000Z INSULATION WITH 1200G POLYTHENE VAPOUR CONTROL LAYER AND A MIN 65MM SCREED FINISH ALL TO PROVIDE A MINIMUM U-VALUE OF 0.22 W/M2K.

TRENCH FILL FOUNDATIONS:

TRENCH EXCAVATIONS MIN 1000MM DEEP AND 600MM WIDE FOR OUTER CAVITY WALLS AND 400MM 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 6/4 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.



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