

Proposed Elevations (scale 1:100)

INSULATE TO FLAT CEILING OF ROOF IS TO ACHIEVE A U-VALUE OF 0.16w/m2, USE 200mm ROCKWOOL INSULATION QUILT LAID BETWEEN CEILING JOISTS WITH A FURTHER 200mm CROSS LAID OVER

INSULATE BETWEEN AND UNDERNEATH RAFTERS SLOPING CEILING WITH 165-200mm CELOTEX XR4000 & FL4000 BELOW (IF REQUIRED) INSULATION TO ACHIEVE A U-VALUE OF 0.18w/m2 ALSO PROVIDE BREATHABLE ROOFING FELT TO GIVE SUFFICIENT VENTILATION.

THE TILE SPECIFICATION IS TO MATCH THAT OF THE EXISTING DWELLING

PROVIDE MONAPERM 500 BREATHABLE ROOFING TILE UNDERLAY SUITABLE FOR USE WITHOUT ROOF VENTILATION.

PROVIDE VAPOUR BARRIER BELOW ROOF INSULATION BEHIND THE PLASTERBOARD

STEEL BEAM & PLATE TO SUPPORT STRUCTURAL WALLS AND ROOF STRUCTURE ABOVE ALL TO ENGINEERS DESIGN.

PROVIDE NEW 300/302.5mm THICK WALL TO ACHIEVE A U-VALUE OF 0.28w/m2 COMPRISING OF 100mm LIGHTWEIGHT THERMAL BLOCKWORK INNER SKIN, 100mm INSULATED CAVITY AND 100mm FACING BRICKWORK

STEEL BEAM & PLATE TO SUPPORT STRUCTURAL WALLS ABOVE ALL TO ENGINEERS DESIGN.

MINIMUM 2NO COURSES OF BRICKWORK (TO MATCH EXISTING) ABOVE GROUND BELOW DPC

PROVIDE 25mm OF VERTICAL INSULATION FIXED TO THE PERIMETER OF THE GROUND FLOOR

GROUND FLOOR TO GIVE A U VALUE OF 0.22 W/M2 AND TO COMPRISE OF MINIMUM 65mm SAND / CEMENT SCREED ON 100mm DEEP CONCRETE SLAB ON 100-150mm CELOTEX INSULATION ON 1200 GAUGE VISQUEEN DPM ON 150mm SUB-BASE TO GIVE U-VALUE OF 0.20w/m2. (also provide vcl to warm side of insulation) FLOOR LEVELS TO RUN THROUGH

Section 1-1 Through Proposed Extension (scale 1:50)

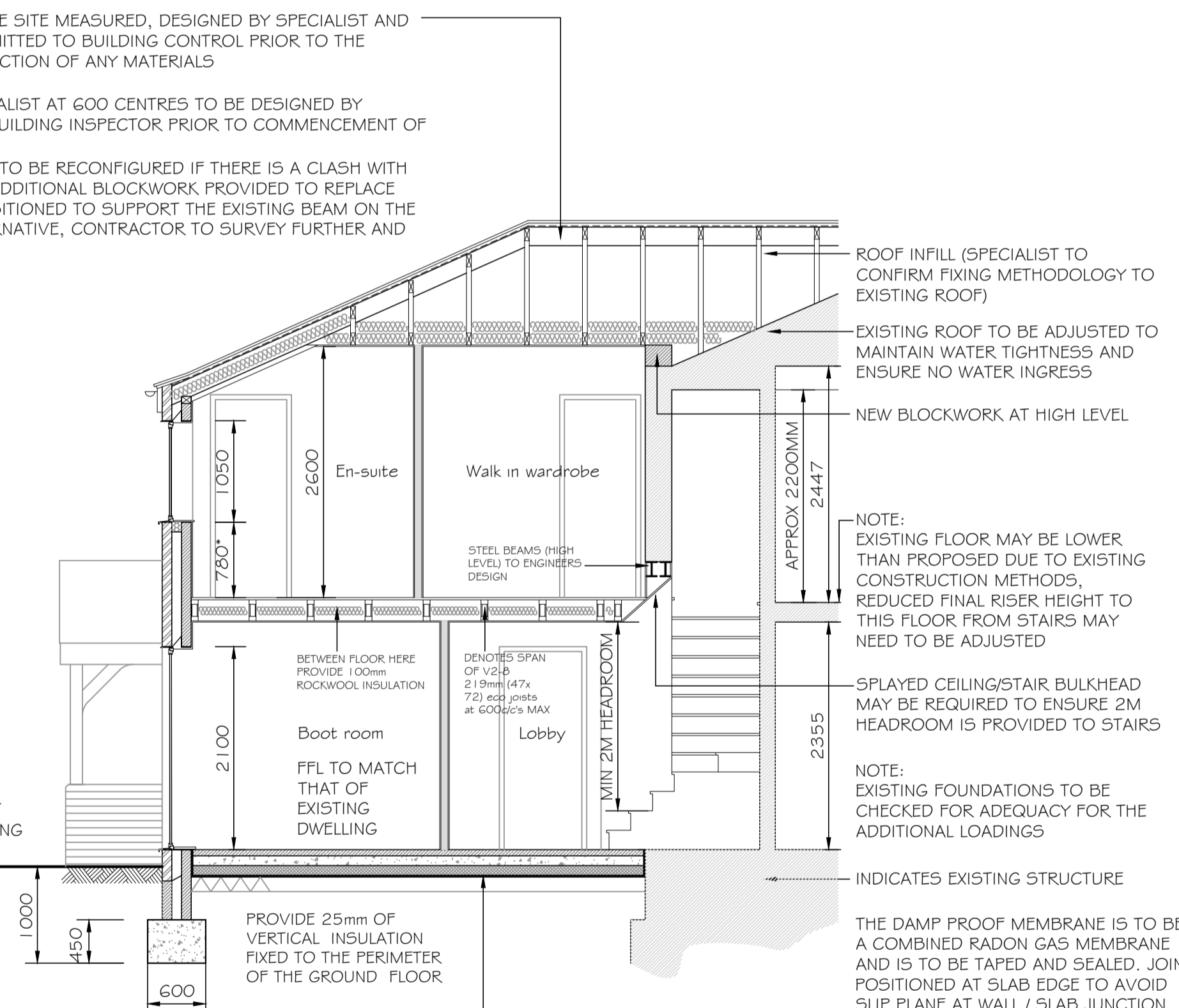
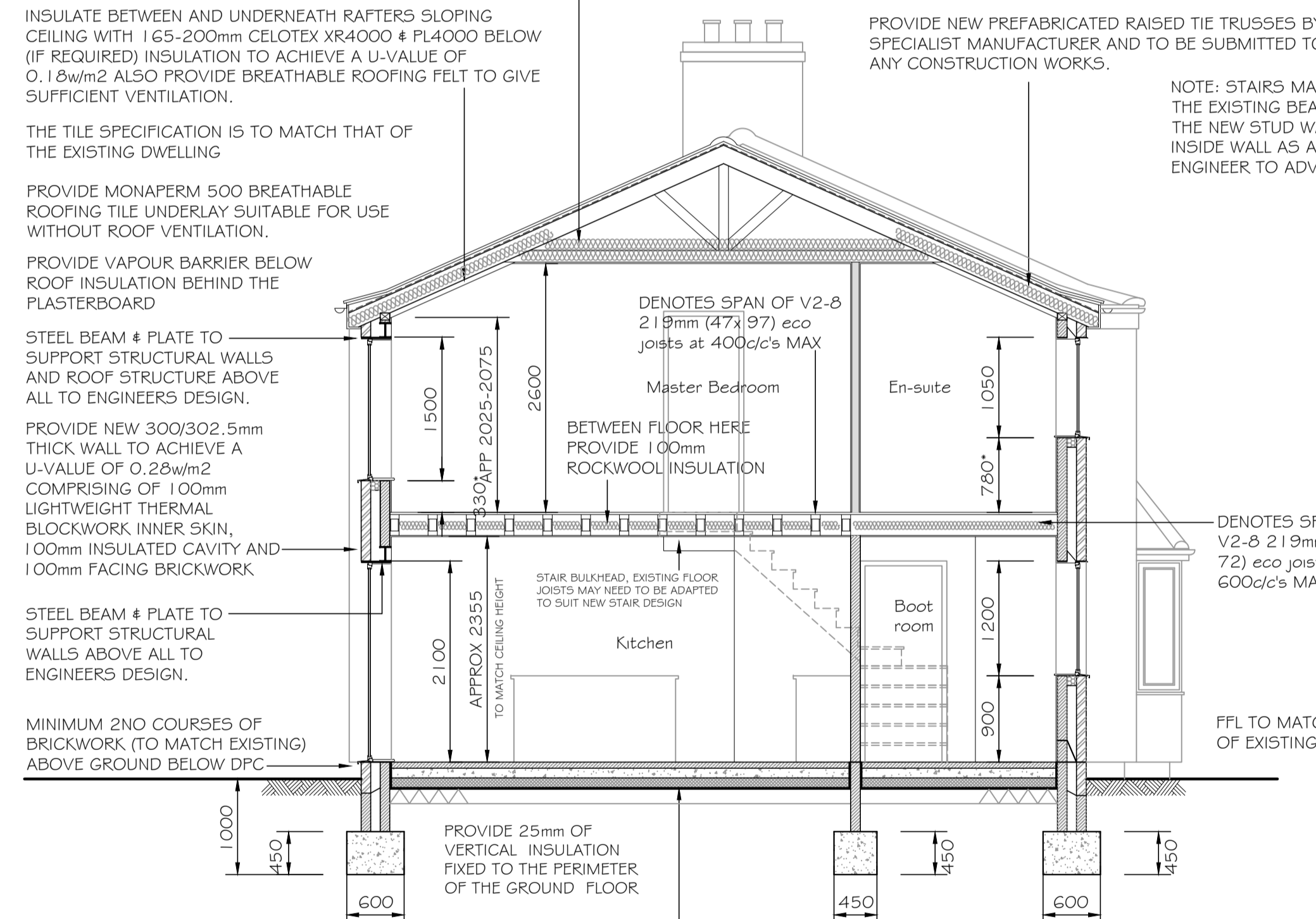
PROVIDING GROUND CONDITIONS ARE OF AN ADEQUATE NATURE THEN EXCAVATE 600mm WIDE x 450mm DEEP TRENCH. FILL FOOTINGS TO EXTERNAL WALLS (UNLESS NOTED OTHERWISE), FINAL DEPTH AND SIZE TO BE AGREED ON SITE WITH LOCAL AUTHORITY BUILDING INSPECTOR, ALL FOOTINGS ARE TO BE REINFORCED WITH MESH REINFORCEMENT IN THE TOP

THE FORMATION DEPTH OF THE FOUNDATIONS IS TO BE DOWN TO A FIRM LOAD-BEARING STRATA TO FORM A STABLE FOUNDATION. THE MIN. DEPTH IS TO BE 1000mm IN MEDIUM SHRINKABLE CLAYS. ALL FINAL DEPTHS AND PROTECTIONS OF FOOTINGS ARE TO BE AGREED ON SITE BETWEEN THE LOCAL AUTHORITY BUILDING INSPECTOR AND THE BUILDING CONTRACTOR.

NEW PITCH ROOF IS TO BE SITE MEASURED, DESIGNED BY SPECIALIST AND DETAILS ARE TO BE SUBMITTED TO BUILDING CONTROL PRIOR TO THE FABRICATION OR THE ERECTION OF ANY MATERIALS

PROVIDE NEW PREFABRICATED RAISED TIE TRUSSES BY SPECIALIST AT 600 CENTRES TO BE DESIGNED BY SPECIALIST MANUFACTURER AND TO BE SUBMITTED TO THE BUILDING INSPECTOR PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORKS.

NOTE: STAIRS MAY NEED TO BE RECONFIGURED IF THERE IS A CLASH WITH THE EXISTING BEAM OR ADDITIONAL BLOCKWORK PROVIDED TO REPLACE THE NEW STUD WALL POSITIONED TO SUPPORT THE EXISTING BEAM ON THE INSIDE WALL AS AN ALTERNATIVE, CONTRACTOR TO SURVEY FURTHER AND ENGINEER TO ADVISE.



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Section 2-2 Through Proposed Extension (scale 1:50)

PROVIDING GROUND CONDITIONS ARE OF AN ADEQUATE NATURE THEN EXCAVATE 600mm WIDE x 450mm DEEP TRENCH. FILL FOOTINGS TO EXTERNAL WALLS (UNLESS NOTED OTHERWISE), FINAL DEPTH AND SIZE TO BE AGREED ON SITE WITH LOCAL AUTHORITY BUILDING INSPECTOR, ALL FOOTINGS ARE TO BE REINFORCED WITH MESH REINFORCEMENT IN THE TOP

THE FORMATION DEPTH OF THE FOUNDATIONS IS TO BE DOWN TO A FIRM LOAD-BEARING STRATA TO FORM A STABLE FOUNDATION. THE MIN. DEPTH IS TO BE 1000mm IN MEDIUM SHRINKABLE CLAYS. ALL FINAL DEPTHS AND PROTECTIONS OF FOOTINGS ARE TO BE AGREED ON SITE BETWEEN THE LOCAL AUTHORITY BUILDING INSPECTOR AND THE BUILDING CONTRACTOR.

Revision	Amendment	Date

Client

Project
 Proposed Extensions and Alterations
 Heath Cottage
 Wilsford
 Lincolnshire

Dwg Title
 Proposed Elevations and Sections

Dwg No. 222904-04
 Scale 1:50
 Date 04/22

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