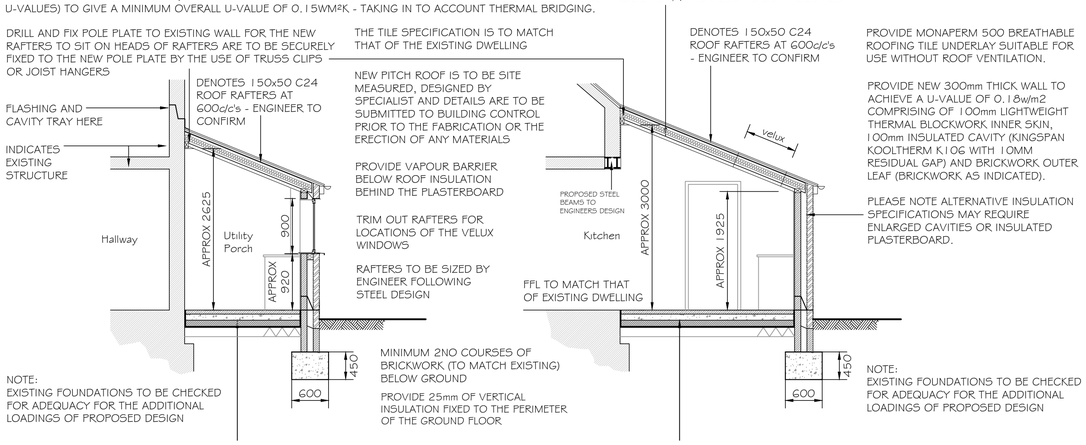
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WARM ROOFS TO BE INSULATED WITH MIN 100MM KINGSPAN K107 INSULATION BETWEEN RAFTERS (PROVIDE MIN 50MM VENTILATION GAP ABOVE INSULATION IF VENTILATED ROOF) AND KINGSPAN K118 INSULATION UNDER RAFTERS WITH INTEGRAL VAPOUR CONTROL LAYER, (THICKNESS TO SUIT REQUIRED U-VALUES) TO GIVE A MINIMUM OVERALL U-VALUE OF 0.15WM²K - TAKING IN TO ACCOUNT THERMAL BRIDGING.



GROUND FLOOR TO GIVE A U VALUE OF 0.18 W/M2 AND TO COMPRISE OF MINIMUM 65mm SAND / CEMENT SCREED ON 100mm DEEP CONCRETE SLAB ON 100-150mm CELOTEX GA4000/XR4000 INSULATION (DEPENDING ON P/A CALCULATION) ON 1200 GAUGE 'VISQUEEN' DPM ON 150mm SUB-BASE (also provide vcl to warm side of insulation)

THE DAMP PROOF MEMBRANE IS TO BE A COMBINED RADON GAS MEMBRANE AND IS TO BE TAPED AND SEALED. JOINT POSITIONED AT SLAB EDGE TO AVOID SLIP PLANE AT WALL / SLAB JUNCTION

Section 1-1 Through (scale 1:50)

Section 2-2 Through (scale 1:50)

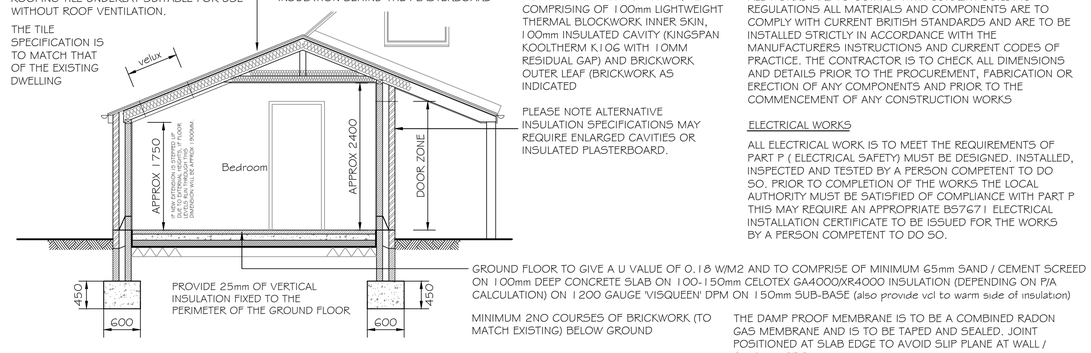
PROVIDING GROUND CONDITIONS ARE OF AN ADEQUATE NATURE THEN EXCAVATE 600mm WIDE x 450mm DEEP TRENCH FILL FOOTINGS TO EXTERNAL WALLS (UNLESS NOTED OTHERWISE), FINAL DEPTH AND SIZE TO BE AGREED ON SITE WITH LOCAL AUTHORITY BUILDING INSPECTOR, ALL FOOTINGS ARE TO BE REINFORCED WITH MESH REINFORCEMENT IN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

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.

INSULATION TO FLAT CEILING OF ROOF IS TO ACHIEVE A U-VALUE OF 0.15W/m2, USE 200mm ROCKWOOL INSULATION QUILT LAID BETWEEN CEILING JOISTS WITH A FURTHER 200mm CROSS LAID OVER

WARM ROOFS TO BE INSULATED WITH MIN 100MM KINGSPAN K107 INSULATION BETWEEN RAFTERS (PROVIDE MIN 50MM VENTILATION GAP ABOVE INSULATION IF VENTILATED ROOF) AND KINGSPAN K118 INSULATION UNDER RAFTERS WITH INTEGRAL VAPOUR CONTROL LAYER, (THICKNESS TO SUIT REQUIRED U-VALUES) TO GIVE A MINIMUM OVERALL U-VALUE OF 0.15WM²K - TAKING IN TO ACCOUNT THERMAL BRIDGING.



GROUND FLOOR TO GIVE A U VALUE OF 0.18 W/M2 AND TO COMPRISE OF MINIMUM 65mm SAND / CEMENT SCREED ON 100mm DEEP CONCRETE SLAB ON 100-150mm CELOTEX GA4000/XR4000 INSULATION (DEPENDING ON P/A CALCULATION) ON 1200 GAUGE 'VISQUEEN' DPM ON 150mm SUB-BASE (also provide vcl to warm side of insulation)

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

THE DAMP PROOF MEMBRANE IS TO BE A COMBINED RADON GAS MEMBRANE AND IS TO BE TAPED AND SEALED. JOINT POSITIONED AT SLAB EDGE TO AVOID SLIP PLANE AT WALL / SLAB JUNCTION

GENERAL NOTE

ALL WORKS ARE TO COMPLY WITH CURRENT BUILDING REGULATIONS ALL MATERIALS AND COMPONENTS ARE TO COMPLY WITH CURRENT BRITISH STANDARDS AND ARE TO BE INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS AND CURRENT CODES OF PRACTICE. THE CONTRACTOR IS TO CHECK ALL DIMENSIONS AND DETAILS PRIOR TO THE PROCUREMENT, FABRICATION OR ERECTION OF ANY COMPONENTS AND PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION WORKS

ELECTRICAL WORKS

ALL ELECTRICAL WORK IS TO MEET THE REQUIREMENTS OF PART P (ELECTRICAL SAFETY) MUST BE DESIGNED, INSTALLED, INSPECTED AND TESTED BY A PERSON COMPETENT TO DO SO. PRIOR TO COMPLETION OF THE WORKS THE LOCAL AUTHORITY MUST BE SATISFIED OF COMPLIANCE WITH PART P THIS MAY REQUIRE AN APPROPRIATE BS7671 ELECTRICAL INSTALLATION CERTIFICATE TO BE ISSUED FOR THE WORKS BY A PERSON COMPETENT TO DO SO.

Section 3-3 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.



Proposed Internal Impression (n.t.s)



Revision	Amendment	Date

Client

Project
Proposed Extensions and Alterations
Lake View, Pinder Lane
Donington
Lincolnshire

Drg Title
Proposed Site Plan and Visuals

Drg No. 222991-04

Scale 1:250

Date 09/22

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