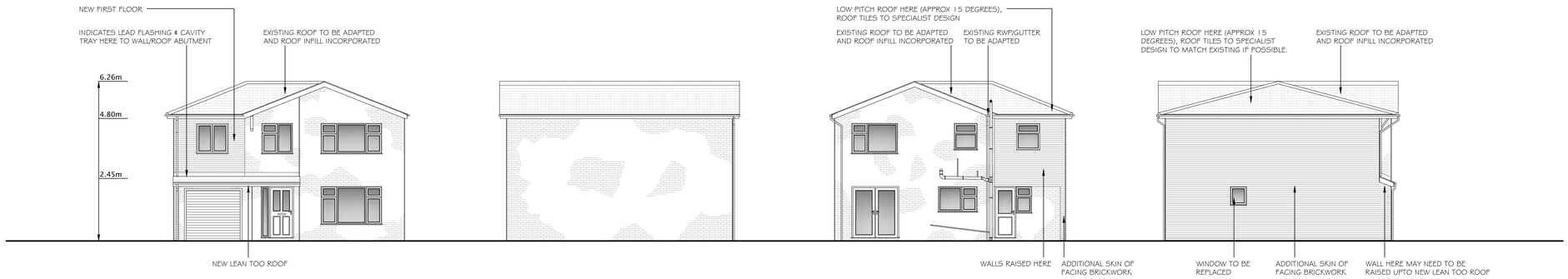
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Front (South-West)

Side (South-East)

Rear (North-East)

Side (North-West)

Proposed Elevations (scale 1:100)

Scale Bar
0.0m 5.0m

NOTE: LEAD FLASHINGS & CAVITY TRAYS TO ROOF & WALL ABUTMENTS

NOTE: NEW RWPS AS INDICATED

NOTE: EXISTING FLAT ROOF TO BE FULLY REMOVED

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

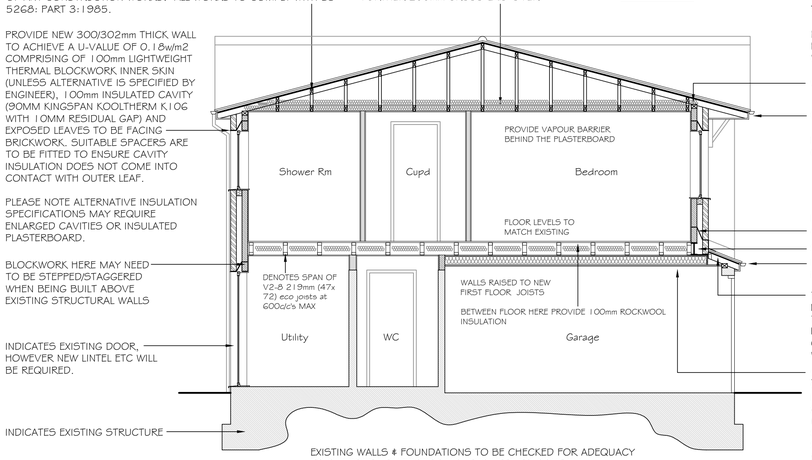
LOOSE LAID RAFTERS & HIP RAFTERS TO BE DESIGNED BY SPECIALIST MANUFACTURER AND DETAILS TO TO BE SUBMITTED TO LOCAL AUTHORITY BUILDING INSPECTOR PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORKS. ALL WORKS TO COMPLY WITH BS 5268: PART 3:1985.

PROVIDE NEW 300/302mm THICK WALL TO ACHIEVE A U-VALUE OF 0.18w/m2 COMPRISING OF 100mm LIGHTWEIGHT THERMAL BLOCKWORK INNER SKIN (UNLESS ALTERNATIVE IS SPECIFIED BY ENGINEER), 100mm INSULATED CAVITY (90MM KINGSPAN KOOLTHERM K106 WITH 10MM RESIDUAL GAP) AND EXPOSED LEAVES TO BE FACING BRICKWORK. SUITABLE SPACERS ARE TO BE FITTED TO ENSURE CAVITY INSULATION DOES NOT COME INTO CONTACT WITH OUTER LEAF.

PLEASE NOTE ALTERNATIVE INSULATION SPECIFICATIONS MAY REQUIRE ENLARGED CAVITIES OR INSULATED PLASTERBOARD.

INSULATION TO ROOF TO ACHIEVE A U-VALUE OF 0.15W/m2, USE 100mm ROCKWOOL INSULATION QUILT LAID BETWEEN CEILING JOISTS WITH A FURTHER 200mm CROSS LAID OVER

HEIGHTS INDICATED TO BE FINALISED BY CONTRACTOR ONCE ALL OPENING WORKS HAVE TAKEN PLACE AND ENGINEER HAVE PROVIDED FULL DESIGNS & CALCULATIONS



BLOCKWORK HERE MAY NEED TO BE STEPPED/STAGGERED WHEN BEING BUILT ABOVE EXISTING STRUCTURAL WALLS

INDICATES EXISTING DOOR, HOWEVER NEW LINTEL ETC WILL BE REQUIRED.

INDICATES EXISTING STRUCTURE

LOW PITCH ROOF (APPROX 15 DEGREES), ROOF TILES TO SPECIALIST DESIGN TO MATCH EXISTING IF POSSIBLE.

PROVIDE AT LEAST 20mm SPACE ABOVE THE ROOF INSULATION TO ALLOW THE BREATHER FELT TO SAG OR A BATTEN WILL REQUIRE PLACING ON TOP OF RAFTER BEFORE TILE LATTS ARE FITTED

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

WALL PLATE HEIGHTS MAY VARY

OVERHANG HERE

ENSURE CAVITY AND ROOF INSULATION IS CONTINUOUS

LEAD FLASHING & CAVITY TRAY TO ROOF/WALL ABUTMENTS

STEEL BEAM & PLATE ENGINEERS DESIGN

NEW LEAN TOO ROOF HERE TO MATCH EXISTING ROOF TILES

TIMBER RAFTERS AT 400-600 CENTRES TO BE DESIGNED BY SPECIALIST MANUFACTURER AND TO TO BE SUBMITTED TO LOCAL AUTHORITY BUILDING INSPECTOR PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION WORKS. ALL WORKS TO COMPLY WITH BS 5268: PART 3:1985.

SOFFITT
WITH 18mm EXTERIOR GRADE PLYBOARD FIXED BELOW JOISTS AND VAPOUR CONTROL LAYER (ABOVE INSULATION) WITH KINGSPAN RIGID BOARD INSULATION (150MM DEEP) BELOW WITH 2 LAYERS OF WEATHERBOARD (FINISHING BOARD) WITH STAGGERED JOINTS (EACH SHEET OF MINIMUM MASS PER UNIT AREA 10KG/M2) TO ALSO PROVIDE 30MIN FIRE & WEATHER PROTECTION FROM BELOW. WITH THERMALLY BROKEN FIXINGS IF REQUIRED (SPECIALIST TO ADVISE). TO ACHIEVE A U-VALUE OF 0.15w/m2.

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

ENGINEER REQUIRED TO CHECK STRUCTURAL DESIGN AND PROVIDE DETAILED SUPPORTING MEASURES, CALCULATIONS AND SPECIFICATIONS OF ALL STRUCTURAL ELEMENTS.

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.



Proposed Visual (n.t.s)

Revision | Amendment | Date

Client

Project
Proposed Extensions and Alterations
75 Aintree Drive
Spalding
Lincolnshire

Drg Title
Proposed Elevations & Section

Drg No.
263794-03

Scale
1:50
1:100

Date
08/26

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