

NO 5. LEAD FLASHING TO BE USED THROUGHOUT TO CHIMNEYS, ETC.

FINISHED FLOOR LEVEL TO TOP OF FOUNDATIONS TO BE A MINIMUM OF 675 MM (I.E. 3 BLOCKS ON EDGE) BUT IS SUBJECT TO GOODGROUND CONDITIONS FOR BASE FOUND.

100 x 75 PRE-CAST CONCRETE LINTOLS (SPANLITE OR EQUAL APPROVED) OVER WINDOW HEAD WITH A MIN. OF 150 BEARING ON EACH SIDE OF WINDOW OPE. FORM STEPPED D.P.C. CAVITY TRAY OVER ALL WINDOW & DOOR OPES. WITH INSULATION BEHIND

WHERE SPANS EXCEED DESIGN TABLES FOR SPANLITE LINTOLS CATNIC DOUBLE GALVANISED INSULATED STEEL LINTOLS TO BE USED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS

FOUNDATIONS UNDER EXTERNAL WALLS TO BE 900mm x 300mm (30 N CONCRETE) REINFORCED WITH 4 No. 12mm M.S. BARS AND TIED TO 6mm DIA. M.S. CROSS BARS, LOCATED EVERY 1800mm ALONG THE FOUNDATION, WITH ANNEALED STEEL TIE WIRES. SUBJECT TO SOIL INVESTIGATION AND SUBSEQUENT APPROVAL FOR THIS FOUNDATION TYPE GROUND FLOOR TO CONSIST OF 150mm THK. POWERFLOATED CONC. SLAB ON 100mm THK. "KINGSPAN KOOLtherm K3" FLOORBOARD OR EQUIVALENT TO PROVIDE MAXIMUM AVERAGE U-VALUE OF 0.16 W/m²K UNDER ENTIRE SLAB AND TURNED UP AT EDGES ON MONOFLEX R.M.B. 400 ALSO TURNED UP AT EDGES & IN UNDER D.P.C.s IN INTERNAL LEAF OF EXTERNAL WALL AT GROUND LEVEL (RADON BARRIER TO BE INSTALLED IN ACCORDANCE WITH THE IRISH AGREEMENT BOARD'S GUIDELINES ON 50mm THK. SAND BLINDING ON MIN. 225mm WELL CONSOLIDATED H'CORE WITH NECOFLEX EASI-SUMP RADON SUMP, ENSURE GAPS LEFT IN RISING WALLS TO ALLOW RADON GAS TO PASS THROUGH TO SUMP

FIRST FLOOR TO BE CONSTRUCTED OF 75MM CONCRETE SCREED ON BRETON ROECRETE OR OTHER APPROVED PRESTRESSED CONCRETE HOLLOWCORE SLABS TO ENGINEERS DESIGN AND DETAIL WITH 40MM X 40MM SOFTWOOD BATTENS AND PLASTERBOARD AND SKIM TO UNDERSIDE.

SOFTWOOD STAIR TO BE INSTALLED TO COMPLY WITH TGD K CURRENT BUILDING REGULATIONS REQUIREMENTS IN ALL RESPECTS

STEPPED PLINTH THROUGHOUT TO ARCHITECTS DETAIL

SAND/CEMENT CAVITY FILL BELOW EXTERNAL GROUND LEVEL

ROOF CONSTRUCTION: SELECTED NATURAL SLATE OR COMPOSITE SLATE ON 50 X 25mm TREATED SOFTWOOD BATTENS ON REINFORCED BREATHABLE UNDERLAY FELT TO BS747 ON 175 X 50mm RAFTERS AT 400mm CENTRES, 175 X 50mm CEILING JOISTS AT 400mm CENTRES, 150 X 75mm RUNNERS. ALTERNATIVELY TIMBER TRUSS ROOF TO MANUFACTURERS DESIGN AND DETAIL CAN BE USED

INSULATION IN ATTIC TO BE 160mm "KINGSPAN KOOLtherm K7" OR EQUIVALENT TO PROVIDE MAXIMUM AVERAGE U-VALUE OF 0.14 W/m²K LAID BETWEEN JOISTS. FIX 42.5mm "KINGSPAN KOOLtherm K17" PLASTERBOARD TO UNDERSIDE OF CEILING JOISTS

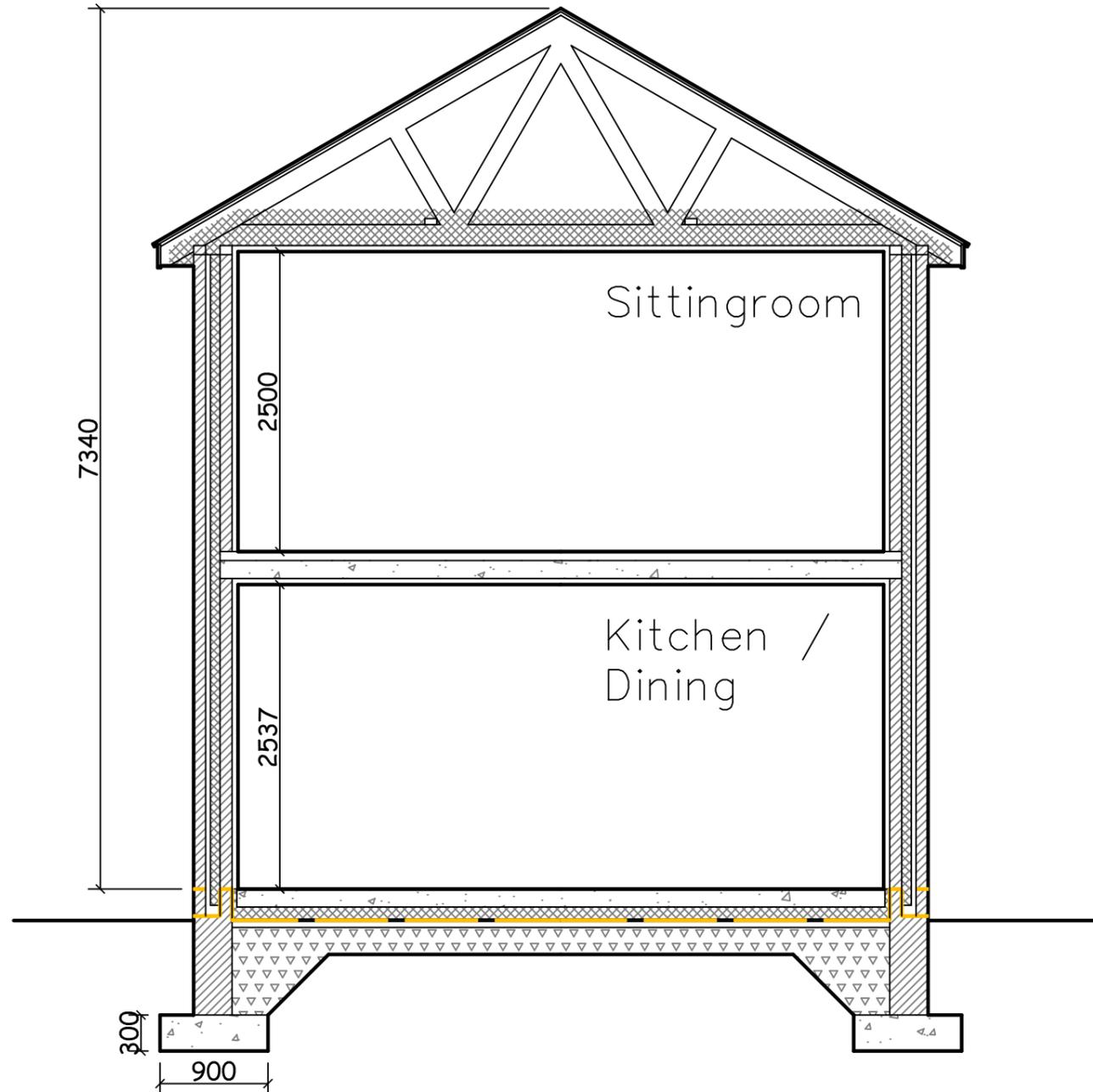
INTERNAL WALLS (GROUND 440 X 225 X 100mm SOLID CONCRETE BLOCKS LAID ON EDGE SCUD, SCRATCH, FLOAT AND FINISH IN HARDWALL PLASTER BOTH SIDES (10mm)

uPVC GUTTERS, DOWNPIPES, FASCIA AND SOFFIT THROUGHOUT BY SPECIALIST SUB CONTRACTOR

FOUNDATIONS UNDER INTERNAL WALLS IF LOAD BEARING TO BE 450mm WIDE * 300mm DEEP WITH 3 No. 12mm DIA. M.S. REINF. BARS & OTHERWISE AS ABOVE. CONCRETE FOOTPATH AROUND DWELLING ON MIN 150mm WELL COMPACTED HARDCORE.

KNAPP PLASTER FINISH ON 320mm CAVITY WALLS EXTERNALLY CONSISTING OF 2 LEAVES OF 100mm SOLID CONCRETE BLOCKS WITH 120mm CAVITY BETWEEN FIT INSULATION AS DESCRIBED BELOW IN CAVITY AS SHOWN. STAINLESS STEEL WALL TIES AT 450mm VERTICAL CENTRES AND 750mm HORIZONTAL CENTRES. FIX 42.5mm "KINGSPAN KOOLtherm K17" PLASTERBOARD TO INTERNAL FACE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS & SKIM IN HARDWALL

INSULATION IN CAVITY WALL TO BE 80mm "KINGSPAN KOOLTHERM K8" OR EQUIVALENT TO PROVIDE MAXIMUM AVERAGE U-VALUE OF 0.20 W/m²K FIXED TO INNER LEAF WITH WALL TIES (TO B.S. 1243 :1978)



CROSS SECTION scale 1:50

<p><i>Proposed Two Storey Dwelling for Patrick Landers at Strandside South, Abbeyside, Dungarvan, Co. Phortlairge.</i></p>		<p>Ailtire Architectural Services</p> <p>Leigh, Ring, Co. Waterford, Tel 058-46498 email: ailtire@indigo.ie</p>
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