



THERMAL INSULATION SPECIFICATION- A1 RATING

PITCHED ROOFS: U-VALUE 0.12(W/sq.m.K)

SLOPING CEILING:
120mm K7 KOOLTHERM INSULATION BETWEEN RAFTERS, SKIM FINISH ON 12.5mm PLASTERBOARD ON 1000g POLYTHENE VAPOUR BARRIER ON 30mm K8 KOOLTHERM INSULATION.

EXTERNAL WALLS: U-VALUE 0.12(W/sq.m.K)

VERTICAL STUDS IN ATTIC:
100mm KOOLTHERM INSULATION (K7) BETWEEN STUDS, 42.5mm KOOLTHERM TO FACE OF STUDS.

CONCRETE GROUND FLOORS: U-VALUE 0.12(W/sq.m.K)
150mm CONCRETE FLOOR ON 140mm KOOLTHERM K3 INCLUDING 50mm STRIP AROUND THE PERIMETER OF BUILDING AND INCLUDING INTERNAL WALLS, ON RADON BARRIER/DPC ON 50mm SAND ON MINIMUM 150mm CONSOLIDATED HARDCORE COMPACTED IN LAYERS OF NOT MORE THAN 225mm.

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150mm CONCRETE FLOOR ON 140mm KOOLTHERM K3 INCLUDING 50mm STRIP AROUND THE PERIMETER OF BUILDING AND INCLUDING INTERNAL WALLS, ON RADON BARRIER/DPC ON 50mm SAND ON MINIMUM 150mm CONSOLIDATED HARDCORE COMPACTED IN LAYERS OF NOT MORE THAN 225mm.

FOUNDATIONS:
STRIP FOUNDATIONS IN CONCRETE (1:5) TO SIZES SHOWN AND DEPTH TO AT LEAST THE UNDER SIDE OF EXISTING FOUNDATIONS. EXCAVATION TO BE MIN 600MM BELOW G.L. BLOCK BELOW D.P.C. TO BE 450x225x100MM APPROVED SOLID BLOCKWORK BEDDED IN CEMENT MORTAR (3:1).

WHERE DRAINS PASS UNDER BUILDINGS,
PIPES ARE TO BE ENCASED IN CONCRETE MIN 50mm THICK, WHERE DRAINS PASS UNDER WALLS A P.C. R.C. LINTEL IS TO BE PLACED IN WALL OVER DRAIN TO PREVENT DAMAGE TO DRAIN.

PROVIDE 3 INTERLINKED SELF CONTAINED MAINS OPERATED SMOKE DETECTORS AS SHOWN & ALSO HEAT DETECTOR IN KITCHEN CONFORM TO B.S. 5446 Pt 1.

ALL NEW WINDOWS AND EXTERNAL DOORS TO BE TRIPPLE GLAZED AND TO ACHIEVE A U VALUE OF 0.75 W/m.K. USE PILKINGTON K GLASS 1m.

FIT NEW WINDOWS ON P.C. R.C. SILL ON D.P.C. TURNED UP 60 DEGS AND 200S TO LEVEL OF WINDOW BOARD PLASTER & MAKE GOOD TO BOTH SIDES NEW WINDOWS

ALL NEW SANITARY PIPEWORK TO CONFORM TO B.S. 5572: 1976 PROVIDE CLEANING EYES TO ALL BENDS ALL NEW WINDOWS AND EXTERNAL DOORS TO BE DOUBLE GLAZED

FIT NEW MAINS OPERATED INTER LINKED CARBON MONOXIDE DETECTORS CONFORM TO I.S. EN 50291-1:2010/A1:2012 SHOWN THUS.

NOTES:

All work to comply with the Building Regulations 1997-2014.

It is the responsibility of the builder/contractor of the Building or Works to ensure the compliance of such with the Building Regulations 1997-2014.

Dimensions shown of rooms are wall to wall dimensions and do not include any insulation, plaster, plasterboard or wall finishes.

No dimensions to be scaled from this drawing.

All dimensions to be checked on site.

Where any discrepancy or error may occur, Architect to be notified prior to commencement of work.

NO.	REVISIONS	DATE	BY
PROJECT: PROPOSED NEW DWELLING AT SIDE, PROPOSED SINGLE STOREY EXTENSION AT REAR OF 23 KNOCKLYON CLOSE, KNOCKLYON, DUBLIN 16			
CLIENT: ALAN DAVIS			
Drawing Type: PLANS, BLOCK PLAN			
Date NOV 22	Scales 1:50; 1:500	Drwn. By L.K.	
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