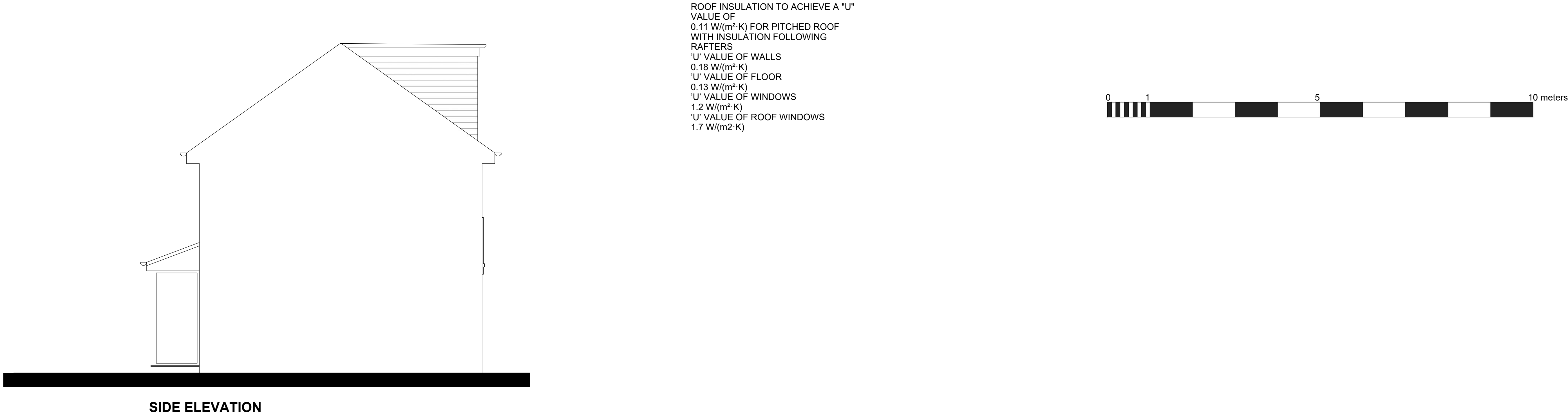




SIDE ELEVATION

ROOF INSULATION TO ACHIEVE A "U" VALUE OF 0.11 W/(m²·K) FOR PITCHED ROOF WITH INSULATION FOLLOWING RAFTERS
'U' VALUE OF WALLS 0.18 W/(m²·K)
'U' VALUE OF FLOOR 0.13 W/(m²·K)
'U' VALUE OF WINDOWS 1.2 W/(m²·K)
'U' VALUE OF ROOF WINDOWS 1.7 W/(m²·K)

A - STRUCTURE
EXTERNAL WALLS:
BRICKWORK OUTER LEAF TO MATCH EXISTING TO APPROVAL
100MM KINGSPAN CAVITY WALL INSULATION LEAVING 50mm GAP IN 150mm TOTAL WIDTH CAVITY
100MM HI-STRENGTH 7 THERMALITE BLOCK MIN.7.0 N/MM2 COMPRESSIVE STRENGTH CONCRETE BLOCK LINED WITH 12.5MM PLASTERBOARD WITH PLASTER SKIM FINISH.
CAVITY WALL INSULATION TO PROVIDE MIN. 'U' VALUE OF 0.18W/M2K AND TO HAVE AN OZONE DEPLETION POTENTIAL OF 0.10 OR LESS.
STAINLESS STEEL WALL TIES, TO BS 1449 PART 2 1983, AT MAX. 750MM HORIZONTAL AND MAX. 450MM VERTICAL STAGGERED CENTRES.
CAVITY WALLS TO BE CLOSED AT EAVES WITH BLOCKWORK.
CAVITY CLOSED AROUND ALL OPENINGS WITH PREMANUFACTURED INSULATED DPCS.
HORIZONTAL DPC'S TO BE MIN. 150MM ABOVE GROUND LEVEL.
INSULATED DPC'S TO BE PROVIDED TO ALL HORIZONTAL AND VERTICAL OPENINGS WITH STEPPED CAVITY DPC'S ABOVE ALL EXTERNAL OPENINGS EXTENDING 225MM TO EACH SIDE OF OPENING AND WITH STOPPED ENDS AND INSULATION.
WEEPHOLES TO BE PROVIDED AT MIN. 900MM CENTRES AT GROUND LEVEL, MIN. OF 2 PER OPENING AND AT ALL CAVITY TRAYS AND LINTELS.

B - FIRE
ALL ELEMENTS OF STRUCTURE TO BE PROTECTED TO A HALF HOURS FIRE RESISTANCE.
PARTY WALLS TO BE PROTECTED TO AN HOURS FIRE RESISTANCE.

ONE NO. MAINS OPERATED HEAT DETECTOR IS TO BE FITTED IN KITCHENS TO CONFORM TO BS 5446: PART 1 AND TO BUILDING REGULATIONS APPROVED DOCUMENT B1 SECTIONS 1.8 - 1.15.
ONE NO. MAINS OPERATED SMOKE DETECTOR IS TO BE FITTED IN EACH HALLWAY TO CONFORM TO BS 5446: PART 1 AND TO BUILDING REGULATIONS APPROVED DOCUMENT B1 SECTIONS 1.8 - 1.15.

C - SITE PREPARATION AND RESISTANCE TO MOISTURE
1200G POLYTHENE DPM TO BE DRESSED UP WALLS AND MARRIED TO DPC.
VERTICAL DPC TO BE PROVIDED AT ALL OPENINGS AND RIGID CAVITY TRAY TO BE PROVIDED ABOVE ALL LINTELS AND AT ABUTMENTS WITH 150MM UPSTAND CODE 4 LEAD FLASHING.
HORIZONTAL DPC'S TO BE MIN. 150MM ABOVE GROUND LEVEL. DPC'S TO BE PROVIDED TO ALL HORIZONTAL AND VERTICAL OPENINGS WITH STEPPED CAVITY DPC'S ABOVE ALL EXTERNAL OPENINGS EXTENDING 225MM TO EACH SIDE OF OPENING AND WITH STOPPED ENDS AND INSULATION.

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WEEPHOLES TO BE PROVIDED AT MIN. 450MM CENTRES AT GROUND LEVEL, MIN. OF 2 PER OPENING AND AT ALL CAVITY TRAYS AND LINTELS.

F - VENTILATION.
OPENING LIGHTS TO WINDOWS TO ALL HABITABLE ROOMS TO BE A MIN. OF 1/20TH OF THE ROOM FLOOR AREAS.
ALL WINDOWS ARE TO BE FITTED WITH CLOSEABLE TRICKLE VENTS TO PROVIDE THE BACKGROUND VENTILATION OF 8000MM2
ALL OPENING WINDOWS TO HAVE 2 LOCKABLE FASTENERS WITH 2 LOCKING POSITIONS TO ALLOW FOR BACKGROUND VENTILATION.
ROOFSPACE TO BE VENTILATED BY 25MM CONTINUOUS VENT GAP AT EAVES AND VIA VENTILATED RIDGE TILE.
MECHANICAL VENTILATION TO KITCHENS TO PROVIDE EQUIVALENT OF 30 LITRES /SECOND AT COOKERHOOD.
MECHANICAL VENTILATION TO BATHROOMS TO PROVIDE EQUIVALENT OF 15 LITRES /SECOND WITH 15MIN OVER-RUN.

G - HYGIENE.
THE HOT WATER SYSTEM IS TO BE VENTED.
ALL HOT WATER TO SINKS AND BASINS TO BE FROM BOILER IN ACCORDANCE WITH SPECIALIST ENGINEER DETAILS & CALCULATIONS.
COLD WATER DIRECT FROM MAINS SUPPLY.
SANITARY CONVENIENCES AND WASHING FACILITIES:
WC & WHB'S PROVIDED AS INDICATED AND ALL WASH UNITS TO HAVE HOT WATER.

H - DRAINAGE.
APPLIANCES SHALL BE FITTED WITH THE FOLLOWING TRAPS:
SINK - 40MM DIA. BOTTLE TRAP WITH 75MM SEAL.

SINKS TO DISCHARGE THROUGH TRAP TO 38MM D. WASTE AND THEN TO GULLY OR SVP AS INDICATED.
PIPEWORK INSTALLATION TO BE CAPABLE OF WITHSTANDING AIR TEST OF POSITIVE PRESSURE OF 38MM WATER GAUGE FOR THREE MINS.
GULLIES TO SINKS AND/OR WASHBASINS WHERE PROVIDED ARE HEPWORTH ACCESS GULLIES & INTEGRAL VERTICAL VERTICAL BACK INLET CODE SUPERSLEVE 191A OR EQUAL APPROVED.
GULLIES TO BE FITTED WITH SUITABLE RAISING PIECES TO ALLOW MIN. 100MM OF COVER TO TOP OF GULLY OUTLET.
ALL PIPES WITHIN 1000MM OF EDGE OF FOUNDATIONS TO BE ENCASED WITH CONCRETE BY FILLING TRENCH. CONCRETE FILL TO BE PROVIDED TO AT LEAST THE LEVEL OF UNDERSIDE OF ANY ADJACENT STRIP FOOTING.

MINIMUM FALL ON WASTES TO BE 1 IN 40.
ALL UPVC PIPEWORK TO BE TO BS 4514 MATERIALS
ALL NEW PIPEWORK TO BE HEPWORTH SUPERSLEVE WITH MECHANICAL FLEXIBLE JOINTS OR SIMILAR APPROVED.
BEDDING AND BACKFILLING
ALL PIPES TO HAVE CLASS B BEDDING FACTOR 1.9 OR SUITABLE APPROVED DEPENDANT ON GROUND CONDITIONS.
INSPECTION CHAMBERS & MANHOLES
INSPECTION CHAMBERS TO BE HEPWORTH POLYPROPYLENE 475MM DIAM. OR SIMILAR APPROVED WITH MIN DUCTILE IRON LIGHT/MED. COVER AND FRAME TO SUIT, WHERE NEW DRAIN CONNECTS TO EXISTING. NEW 1200 DIAMETER CONCRETE RING (KITE MARKED) MANHOLE MH. TO HAVE KITE MARKED GRADE B, D.I. MEDIUM/HEAVY 600X600 COVER. M.H. TO BE CONCRETE CASED.
RODDING EYES
RODDING EYES ON NEW DRAINS WHERE INDICATED TO BE HEPWORTHS CODE SUPERSLEVE SRP1/1 ALUMINIUM WITH SEAL PLATE AND SAFETY VALVE OR EQUAL APPROVED.

RAINWATER DRAINAGE
ALL GUTTERS ARE TO BE MARLEY FLOWLINE BLACK PVC LAID FLAT DISCHARGING INTO 68 DIA RWP. RAIN WATER PIPES TO DISCHARGE INTO HEPWORTH SG3/1
ACCESS GULLEY WITH RAISING PIECES TO PROVIDE MIN. 100MM COVER TO TOP OF GULLEY OUTLET GRATINGS TO BE SUPPLIED IN CAST ALUMINIUM AND TO BE LOCKABLE.
ALL PIPES AND GUTTERING TO BE FIXED IN STRICT ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
WHERE DRAINS PASSING THROUGH WALLS, LINTEL TO BE PROVIDED AND MIN. 50MM CLEARANCE AROUND PIPE.

PROJECT TITLE PROPOSED LOFT CONVERSION	DRAWING TITLE PROPOSED DETAILS	7 KENDAL CLOSE RAINFORD WA11 7LG Tel: 07786 362 196 EMAIL: gemorris@blueyonder.co.uk G A R Y MORRIS	CLIENT Rachel Higgins 1 Lancing Close L25 9PZ			003 RH
				SCALE	1:50	
				DATE	01:10:2025	
				REV		