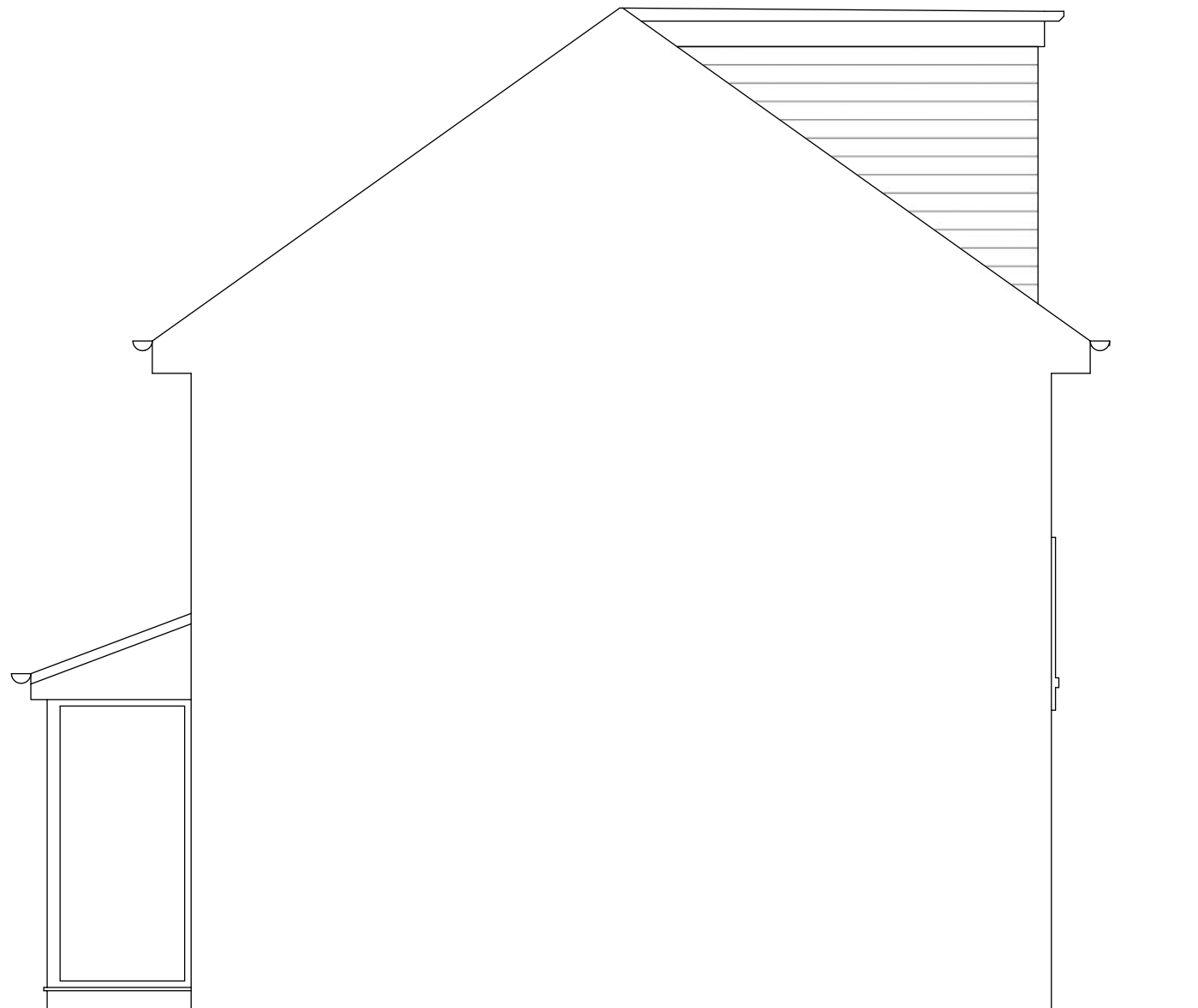




SIDE ELEVATION

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