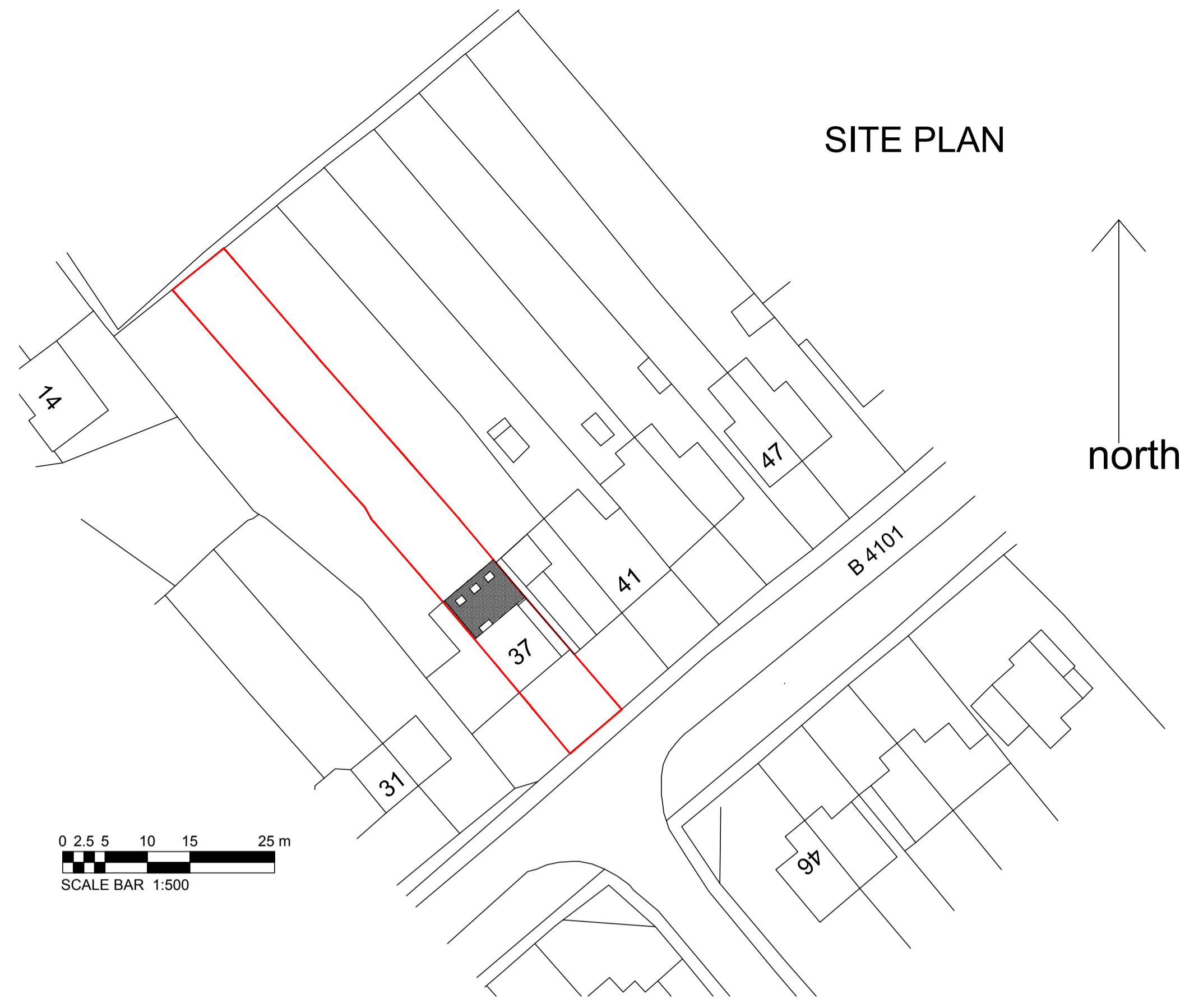


FRONT ELEVATION
0 1 2 3 4 5 m
SCALE BAR 1:100

REAR ELEVATION

SIDE ELEVATION

SIDE ELEVATION



SITE PLAN

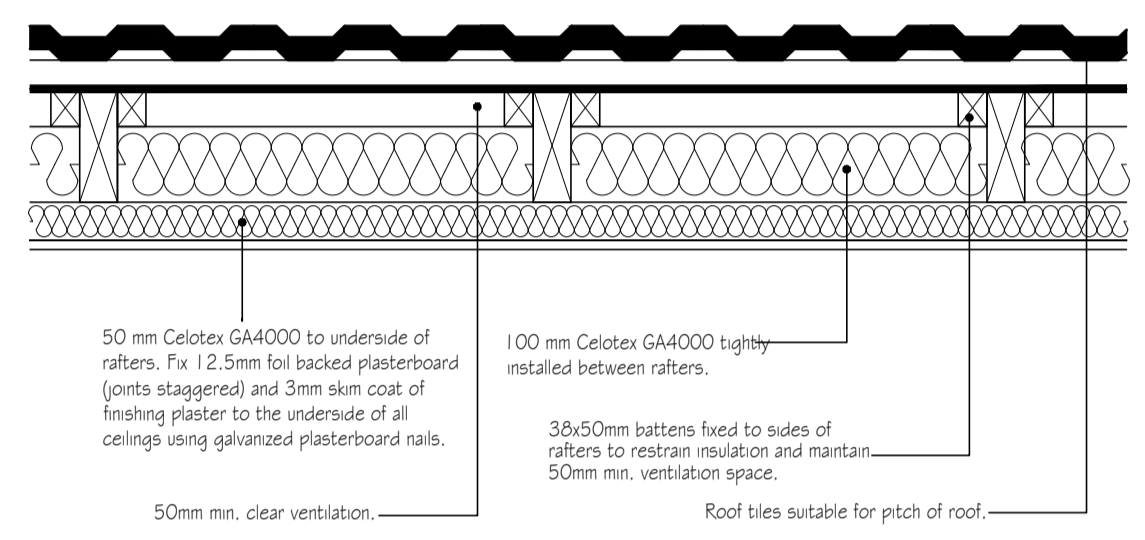
north

0 2.5 5 10 15 25 m
SCALE BAR 1:500

ELECTRICAL INSTALLATION	
TO COMPLY WITH APPROVED DOCUMENT M - 2004 EDITION: PART M1, SECTION 8 & APPROVED DOCUMENT P - 2004 EDITION:	
APPROPRIATE HEIGHTS FROM FINISHED FLOOR LEVEL.	TYPE OF ELECTRICAL OUTPUT.
450MM	SOCKETS, T.V. POINTS, TELEPHONE JACK POINTS.
1200MM	LIGHT SWITCHES, DOORBELLS.

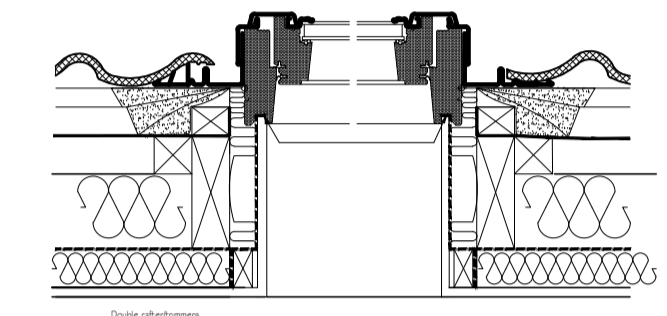
ALL ELECTRICAL WORK REQUIRED TO MEET THE REQUIREMENTS OF PART P (ELECTRICAL SAFETY) MUST BE DESIGNED, INSTALLED, INSPECTED AND TESTED BY A PERSON COMPETENT TO DO SO.
PRIOR TO COMPLETION THE COUNCIL SHOULD BE SATISFIED THAT PART P HAS BEEN COMPLIED WITH. THIS MAY REQUIRE AN APPROPRIATE BS 7671 ELECTRICAL INSTALLATION CERTIFICATE TO BE ISSUED FOR THE WORK BY A PERSON COMPETENT TO DO SO.

HOUSE DRAINAGE
All House drainage to comply with PART H of the current building regulations.
house drainage to be a minimum of 100mm diameter
No drainage to be laid flatter than 1 in 80 or steeper than 1 in 15
House drainage to have a minimum of 450mm of cover. Where cover is less than 600mm then concrete bed and surround is to be used.
Where drains pass close to the property, the foundation is to be taken down to the invert of the drain.
All drainage to be polypropylene



SLOPING CEILING INSULATION DETAIL
Scale 1:10

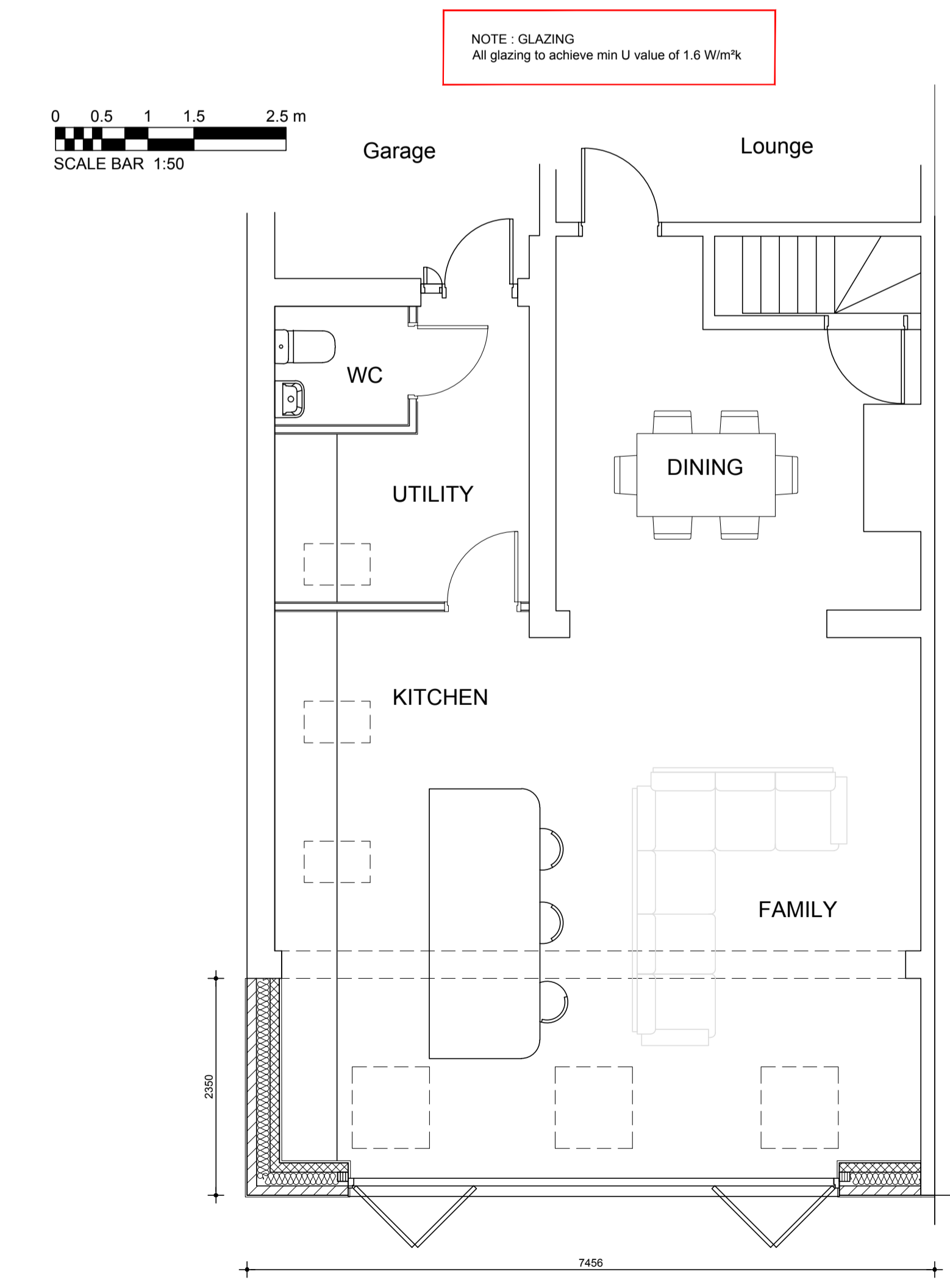
0 0.1 0.2 0.3 0.5 m
SCALE BAR 1:10



INDICATIVE SECTION THRO ROOFLIGHT DETAIL
Scale 1:5

0 0.05 0.1 0.15 0.25 m
SCALE BAR 1:5

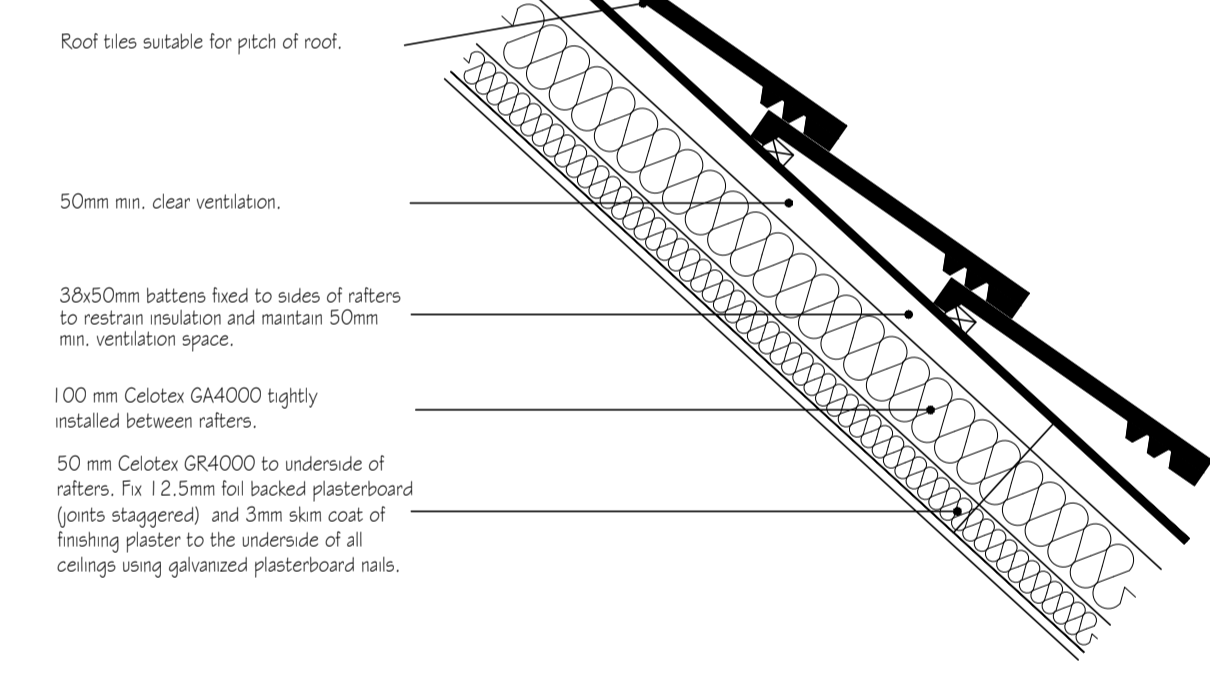
SLOPING CEILINGS



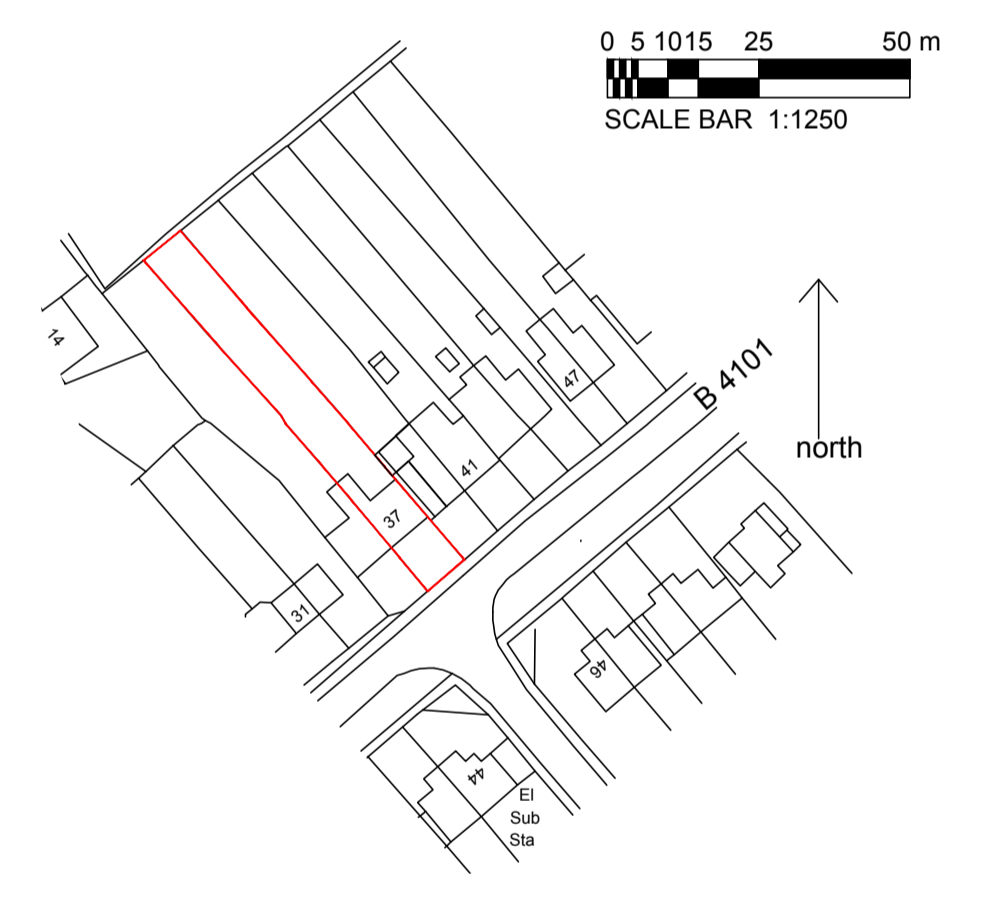
0 0.5 1 1.5 2.5 m
SCALE BAR 1:50

GROUND FLOOR PLAN

PITCHED ROOF
Vented roof – pitch 21° to achieve U-value 0.18 W/m²K.
Timber roof structure.
Roofing tiles to match existing on 25 x 38mm tanalised sw treated battens on sarking felt to relevant BBA Certificate.
Supported on 50 x 150mm grade C24 rafters at max 400mm centres with 200 x 50 ridge runner
Rafters supported on 100 x 50mm sw wall plates.
Insulation to be 100mm Celotex GA4000 between rafters and 50mm Celotex GA4000 under rafters.
Fix 12.5mm foil backed plasterboard (joints staggered)
5mm skim coat of finishing plaster to the underside of all ceilings using galvanized plasterboard nails.
Maintain a 50mm air gap above insulation to ventilate roof. Provide opening at eaves level at least equal to continuous strip 25mm wide opening at ridge equal to continuous strip 5mm wide to promote ventilation.
100mm x 50mm wall plate strapped down to walls. Rafters to be strapped to walls and gable walls, straps built into cavity, across at least 3 timbers with nogginns. All straps to be 1000 x 30 x 5mm galvanized straps or other approved to BSEN 845-1 at 2m centres.



SLOPING CEILING INSULATION DETAIL
Scale 1:10



0 5 10 15 25 50 m
SCALE BAR 1:1250

LOCATION PLAN

EXTENSION GENERAL NOTES

FOUNDATIONS
CONCRETE TRENCH FILL TO CAVITY WALLS/WORK. MIN DEPTH 1000 FN 225 BELOW GL IN CLAY SOIL NOT AFFECTED BY TREE GROWTH OR REMOVAL. DEPTH OF FOUNDATIONS TO SUIT GROUND CONDITIONS TO FIRM BED AND TO APPROVAL OF BUILDING INSPECTOR OR N.B. PRECAUTION AGAINST ROOT DAMAGE TO BE AGREED ON SITE WITH BUILDING INSPECTOR

DPC
ASTOS OR EQUAL CONTINUOUS DPC MIN 150 ABOVE F.G.L WITH D.P.M. UNDER GROUND FLOOR. CAVITIES FILLED WITH WEAK MIX CONCRETE TO WITHIN 225 OF F.G.F.L.

GROUND FLOOR
100 POLYURETHANE FINISH TO CONCRETE ON 125 POLYSTYRENE INSULATION SLAB ON 300 1200g POLYETHENE DPM ON 150 CONSOLIDATED SAND BLENDED HARD CORE. N.B. WHERE HARD CORE FILL EXCEEDS 600 FLOOR SLAB TO BE SUSPENDED & REINFORCED TO BUILDING CONTROL. SATISFACTION JUNCTIONS WITH LOAD BEARING WALLS & EXTERNAL WALLS TO BE CONSTRUCTED AS TO PREVENT 'COLD BRIDGING'

WALLS
EXTERNAL DWELLING: 350 CAVITY CONSTRUCTION WITH WALL TIES TO BS 1243:1978 @ 900 c/c HORIZONTALLY AND 450 c/c VERTICALLY STAGGERED. WALL COMPRISING 100 BLOCK OUTER LEAF WITH RENDER FN 150 FULLY FILLED CAVITY. 100 CONC BLOCK INNER LEAF WITH 15 F50 ON DABS DRY LINGING WITH SKIM FINISH. DRY LINGING TO BE SEALED ON EXTERNAL WALLS WITH CONTINUOUS SAND OF PLASTER TO EDGES OF OPENINGS AND AT JUNCTION WITH SKIRTING AND CEILING.
2000g POLYURETHANE DPC CAVITY TRAYS TO OPENINGS WHERE APPLICABLE. CAVITIES TO BE CLOSED AROUND EXTERNAL OPENINGS WITH URON SUPALOC 400. WEEPHOLES TO BE PROVIDED AT TO ALL EXTERNAL OPENINGS. WEEPHOLES TO BE PROVIDED AT 675 c/c TO COURSE ABOVE CONCRETE FILL BELOW. ALL LINTELS TO BE CATNIC OR SIMILAR. KNAUF SUPAFIL 34 FULL FILL CAVITY FILL.

GLAZING
WINDOWS TO BE FITTED WITH 16mm DIA THICKNESS DOUBLE GLAZED UNITS TO BS 6713 & INSTALLED IN ACCORDANCE WITH BS 6800 PART 1. WINDOWS TO BE UPVC. ALL GLASS TO BE TOUGHENED SAFETY GLASS ALL WINDOWS TO BE DRAUGHT PROOFED AND TO COMPLY WITH FIRE ESCAPE TO B REGS

DRAINAGE
RAINWATER GOODS IN UPVC TO BS 4578. 112mm WIDE SECTION GUTTERS AND 66mm SECTION DOWNPIPES. STORM DRAINAGE TAKEN TO EXTG STORM DRAINS
FOUL DRAINAGE TAKEN VIA FLOOR GULLY TO EXTG FOUL DRAINAGE

NEW WINDOWS
TRICKLE VENTS TO BE PROVIDED TO ALL NEW WINDOWS
TO MIN 8000 SQ MM NATURAL VENTILATION. DOUBLE GLAZING TO HAVE LOW EMISSIVITY GLASS

LATERAL RESTRAINT
GULLY NS STRAPS 30x3 SECTION 150 x 1450 LONG FIXED TO 3 No ROOF TRUSSES JOIST LEVEL MAX 2000c

STRUCTURAL BEAMS
TO BE IN ACCORDANCE WITH STRUCTURAL CALCS AND TO HAVE HALF HOUR FIRE PROTECTION PROVIDED BY 2 LAYERS OF 12MM PLASTERBOARD.

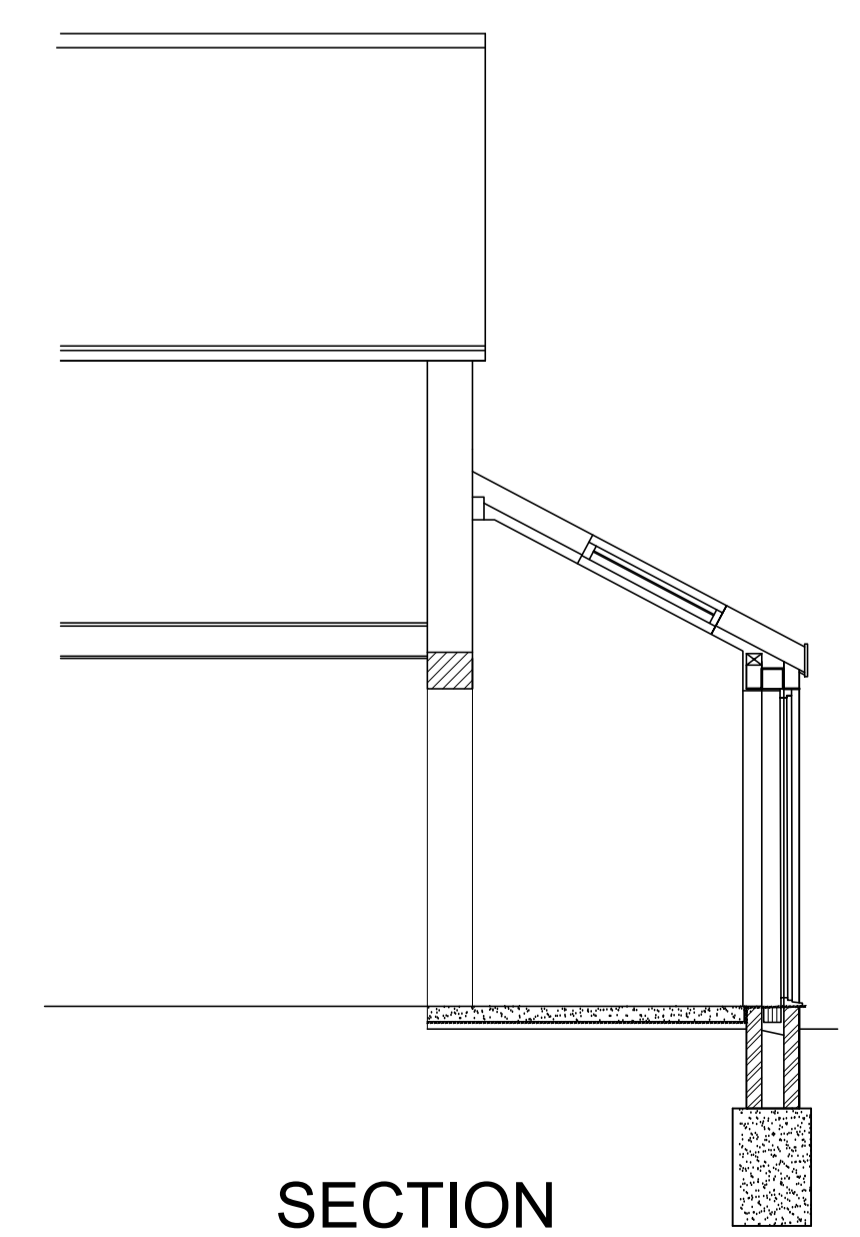
VENTILATION NATURAL
HABITABLE ROOMS OPENING WINDOWS MIN 1/20TH FLOOR AREA OF ROOM WITH PART AT LEAST 1.75M ABOVE FLOOR LEVEL. TRICKLE VENTS TO BE FITTED TO WINDOWS WITH 6000mm² BACKGROUND VENTILATION TO HABITABLE ROOMS (INC PATIO DOORS)

SAFETY GLAZING
All glazing in critical locations to be toughened or laminated safety glass to BS 6206, BS EN 14179 or BS EN ISO 12543-1:2011 and Part K (Part N in Wales) of the current Building Regulations.
i.e. within 1500mm above floor level in doors and side panels
within 300mm of door opening and within 800mm above floor level in windows.

EXTRACT TO KITCHEN
TO PROVIDE MECHANICAL VENTILATION DUCTED TO EXTERNAL AIR CAPABLE OF EXTRACTING AT A RATE OF 30 LITRES PER SECOND ABOVE CENTRE OF HOB OR 60 LITRES PER SECOND ELSEWHERE.

EXTRACT TO UTILITY AREA
EXTRACT TO UTILITY AREA VENTED TO EXTERNAL AIR TO GIVE MIN EXTRACT RATE OF 30 L/S

EXTRACT TO WC
WC to have mechanical ventilation ducted to external air with an extract rating of 15l/s operated via the light switch. Vent to have a 15min overrun



SECTION

0 0.5 1 1.5 2.5 m
SCALE BAR 1:50

PROPOSAL DRAWING

PROPOSED EXTENSION AT
37 AYLESBURY ROAD,
HOCKLEY HEATH,
B94 6PD.

Scale 1:50, 1:100, 1:500 1:1250 @A1
Date APRIL 24

Drg No ARS_PD_01