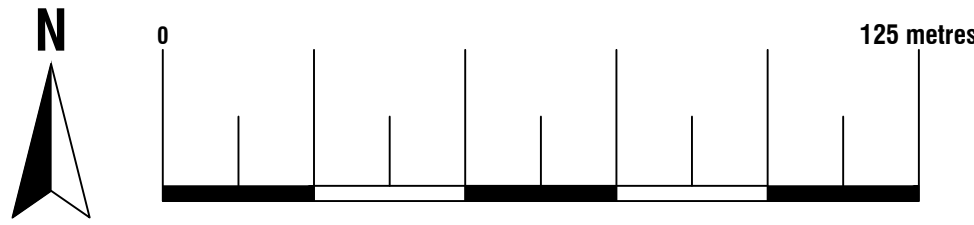
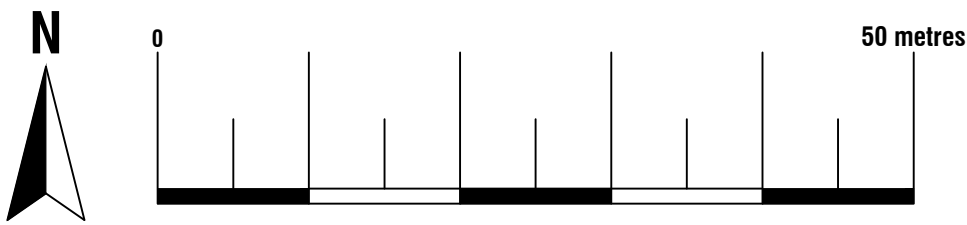




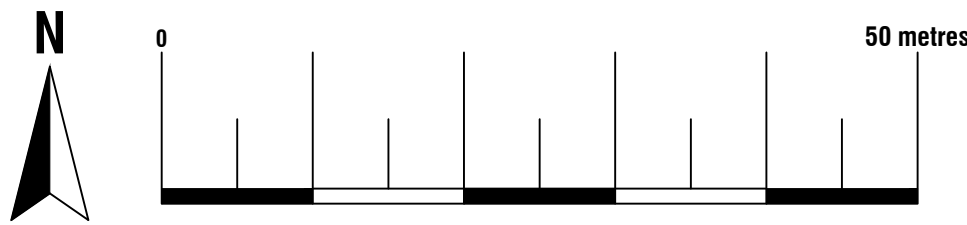
**Location Plan**  
Scale 1:1250  
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OS 100047474



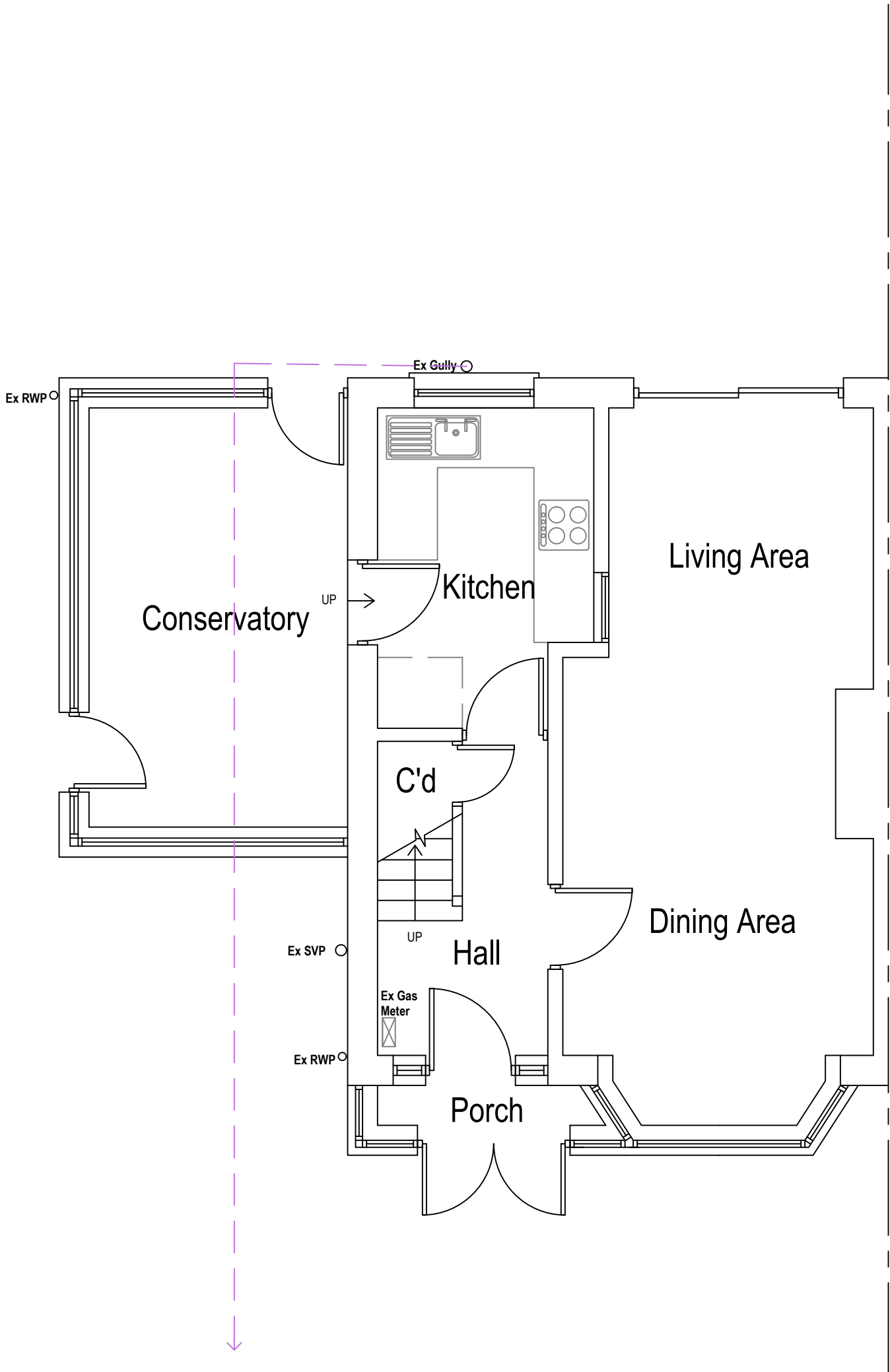
**Existing Block Plan**  
Scale 1:500  
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OS 100047474



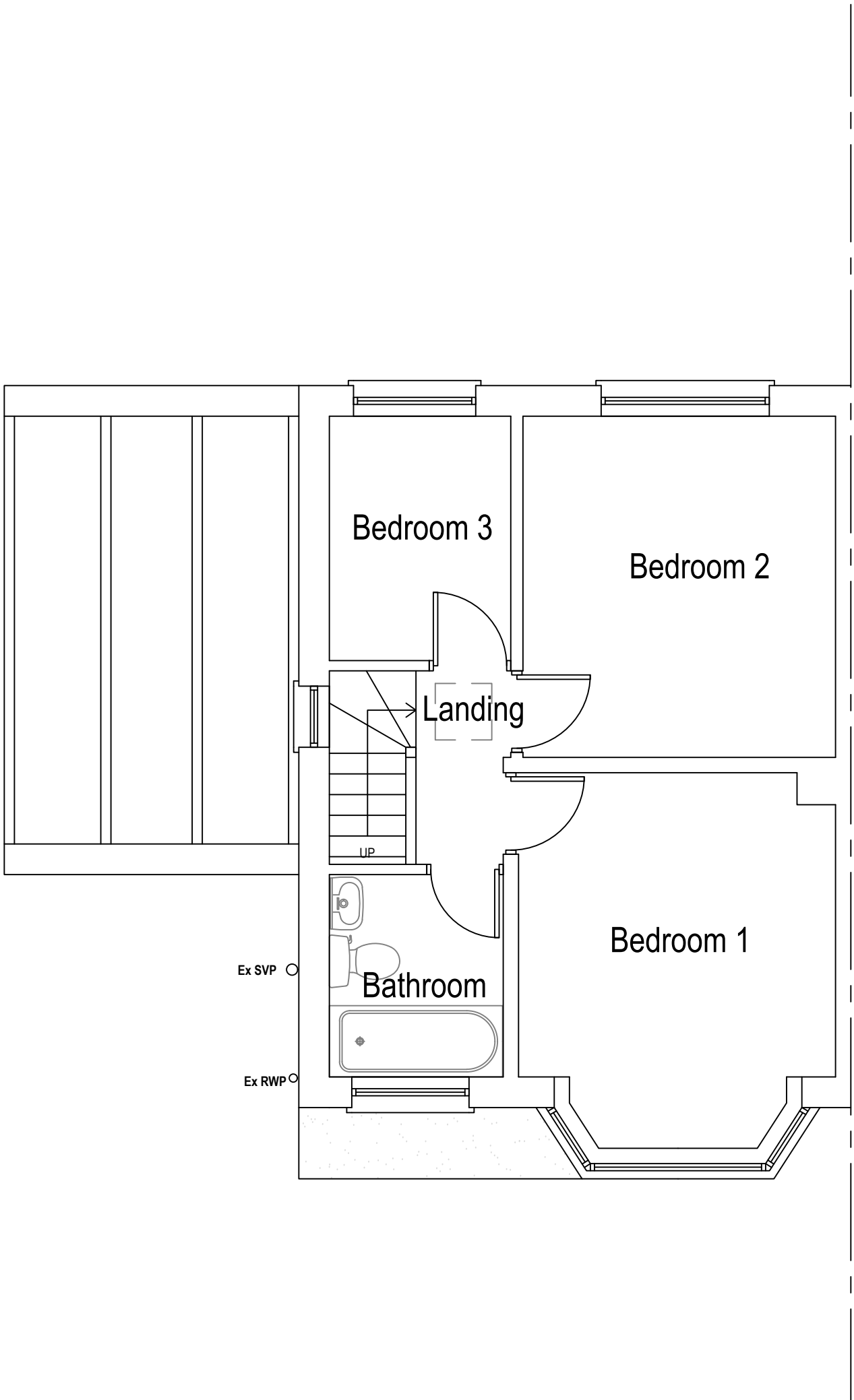
**Proposed Block Plan**  
Scale 1:500  
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OS 100047474



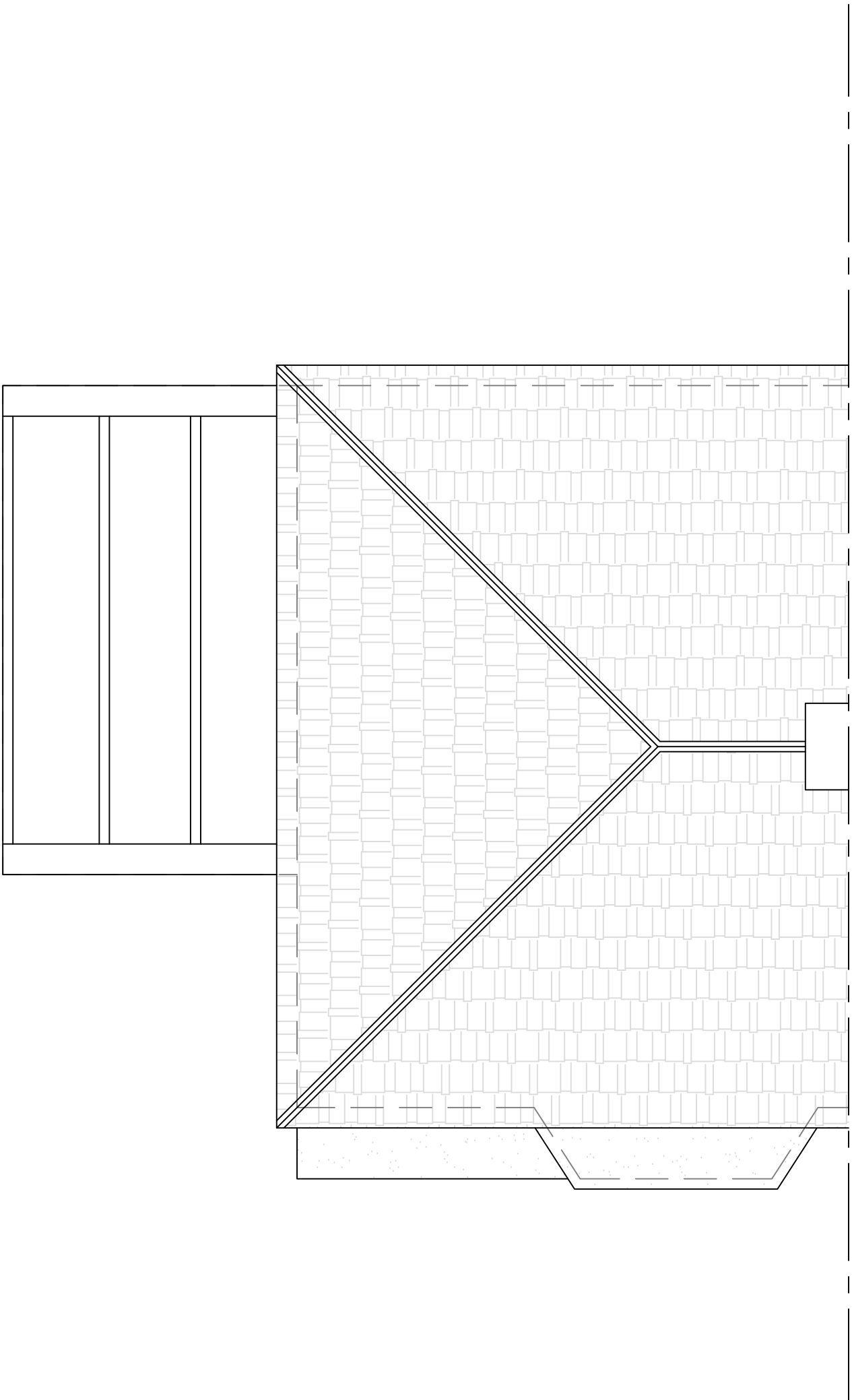
<div>Arkiplan</div> <div>ArkiPlan Architectural Ltd • Enquiries@ArkiPlan.co.uk Lyttchett House, 13 Freeland Park, Wareham Road, Poole, Dorset, BH16 6FA</div>			
Site	126 Glyn Farm Road, Quinton, Birmingham B32 1NP	Date	03.06.2025
		Sheet	24-0724 D01 REV 10
		Job	New Extension
Title Number	-	Scale	1:500, 1:1250 @A1, 1:1000, 1:2500 @A3
		Title	As Shown



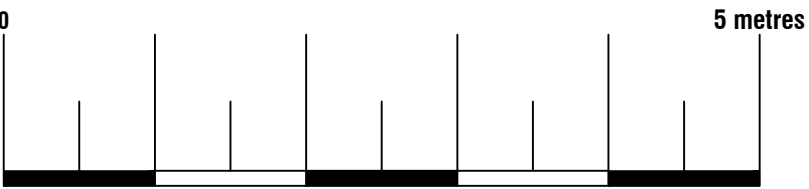
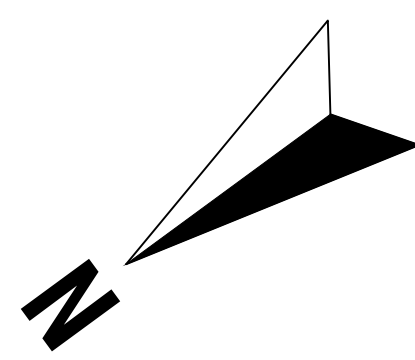
Existing Ground Floor Plan  
Area ca. 46.60 m²



Existing First Floor Plan  
Area ca. 33.58 m²















Existing Roof Plan



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Site	126 Glyn Farm Road, Quinton, Birmingham B32 1NP	Date	03.06.2025
		Sheet	24-0724 D02 REV 10
		Job	New Extension
Title Number	-	Scale	1:50 @A1, 1:100 @A3
		Title	As Shown



Symbol Key:			
	Boundary line		Mechanically ventilated
	Demolished		Mains operated interlinked smoke detector
	Details above		Mains operated interlinked heat detector
	Proposed foundation		Escape door / window
	Waste drainage layout		Carbon Monoxide alarm
	Rainwater drainage layout		
	timber/steel beam above sized and specified by Structural Engineer - fire proofed as per spec. and detail drawing		

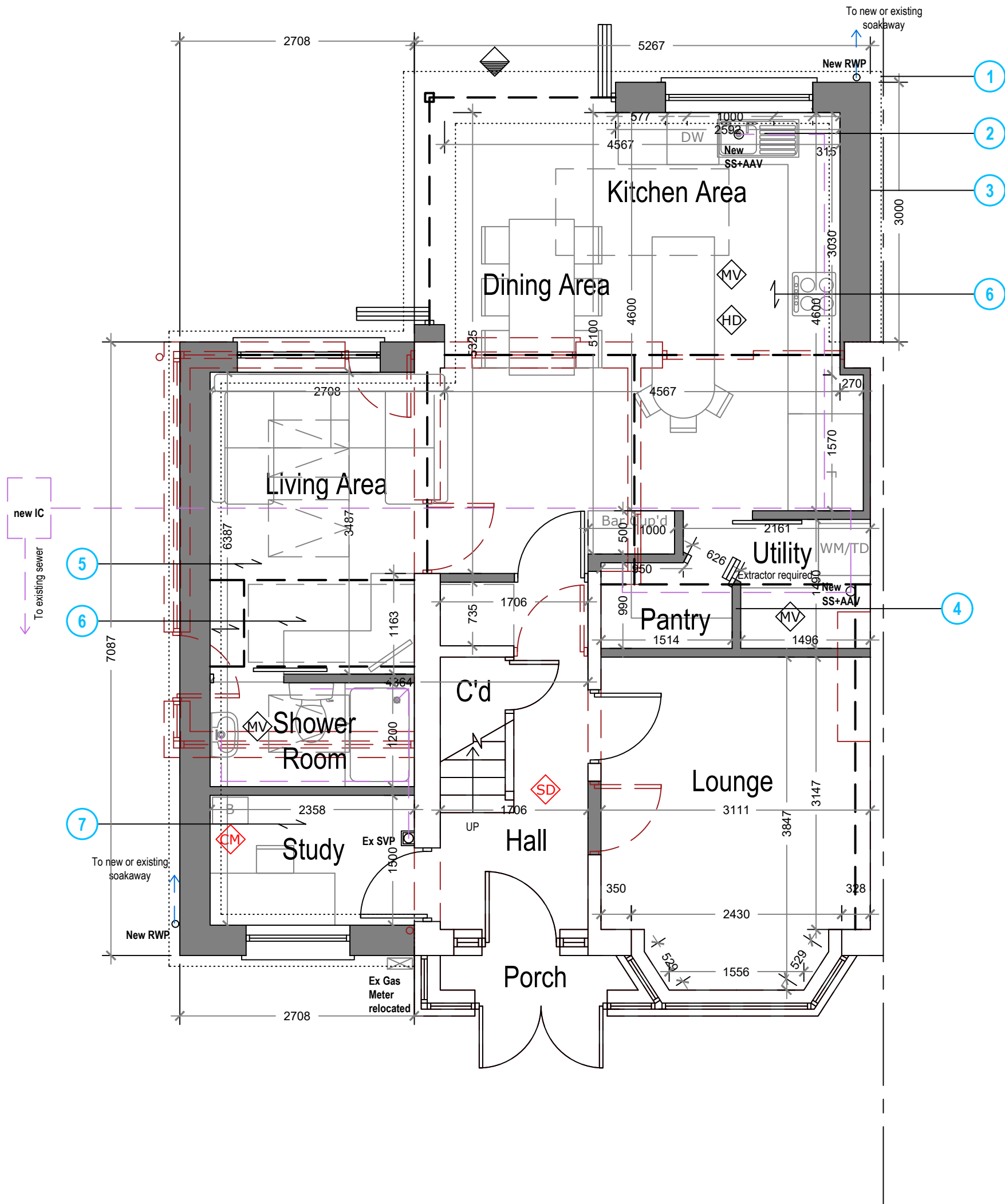
Proposed drainage layout is indicative only and has not been surveyed. Existing foul drainage layout to be surveyed by Contractor on site and exact layout and connections are to be agreed on site with BCO before any works commence. All pipes sizes and falls as per spec. and detail drawings

DRAWING NOTES

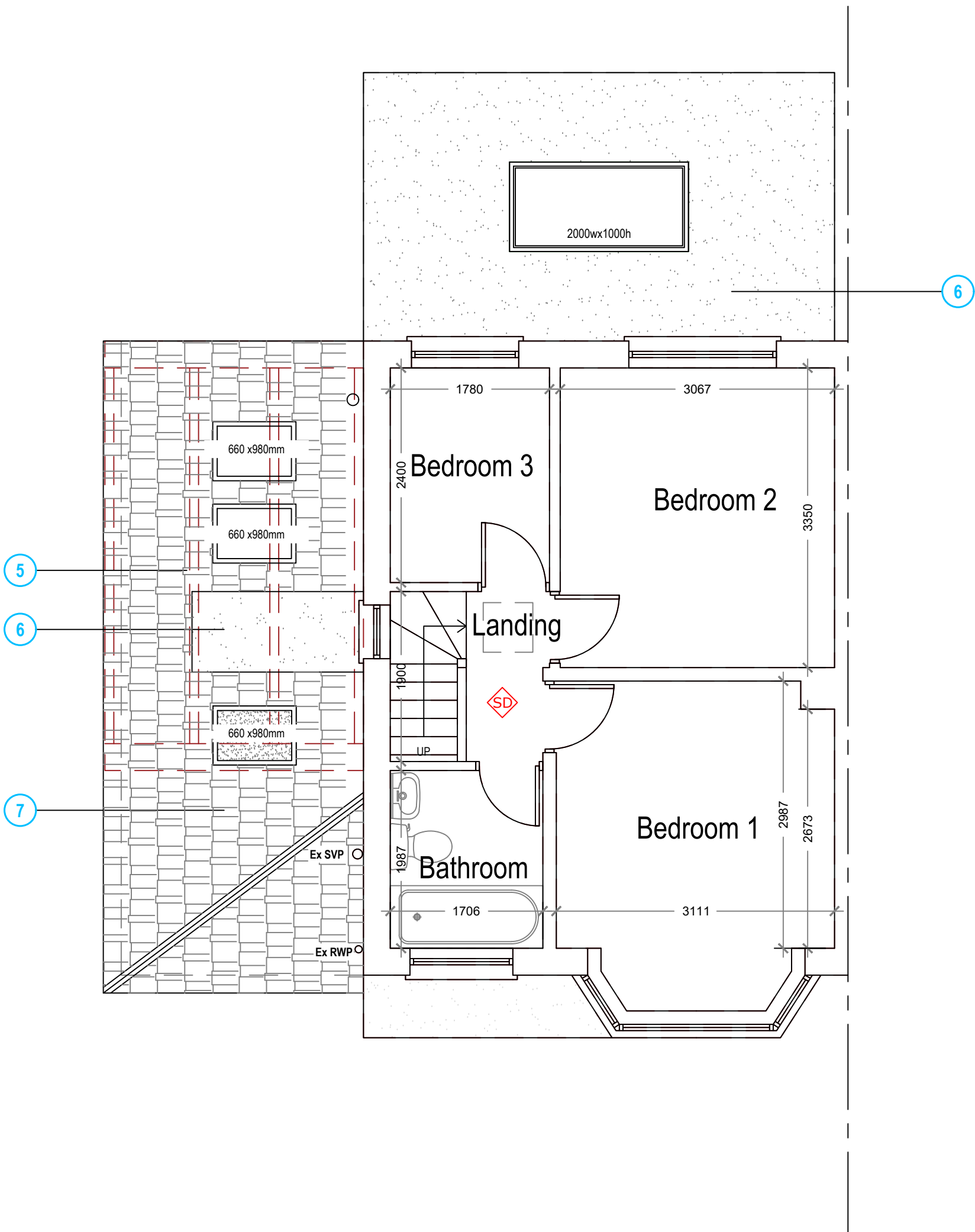
This drawing is the property of Arkiplan Architectural Ltd. Copyright is reserved by the company and the drawing is issued on the condition that it is not copied, reproduced, retained or disclosed to any unauthorised person, either wholly or in part without consent in writing. Dimensions are provided as a guide only. All dimensions are approximate and to be checked on site prior to commencement of any works. All the works should be executed in compliance with the specification. Parts of this project may require new structural steelwork or timberwork. Structural Engineer to provide the necessary calculations and beam sizes/connections to satisfy Building Control Officer requirements. If the proposed area of any new glazing accounts for more than 25% of the new floor area (minus the area of existing glazing being removed) the client may be required to obtain SAP Calculations from a SAP Assessor before Building Control can fully approve the plans. If in doubt please contact Arkiplan: Arkiplan Architectural Ltd, Lytchett House, 13 Freeland Park, Wareham Road, Pool, Dorset BH16 6FA 0845 852 0852 enquiries@arkiplan.co.uk

The Building Regulations 2010  
Under the above regulations, any works to a building that fall within the requirements must be inspected by either the Local Authority Building Control Department or a person registered under the Competent Person Scheme. This includes independent qualified building inspection organisations. These drawings are intended only to obtain approval for Building Control applications by either the Local Authority Building Control Department or an independant building inspection company, and should not be used as working construction drawings. These drawings provide an indication only of the work required, and the current building standards that must be met at the minimum level. All works must be discussed on-site between the contractor(s) and the Inspector prior to being undertaken. All guidance and instructions from the Building Inspector must be strictly adhered to at all times.

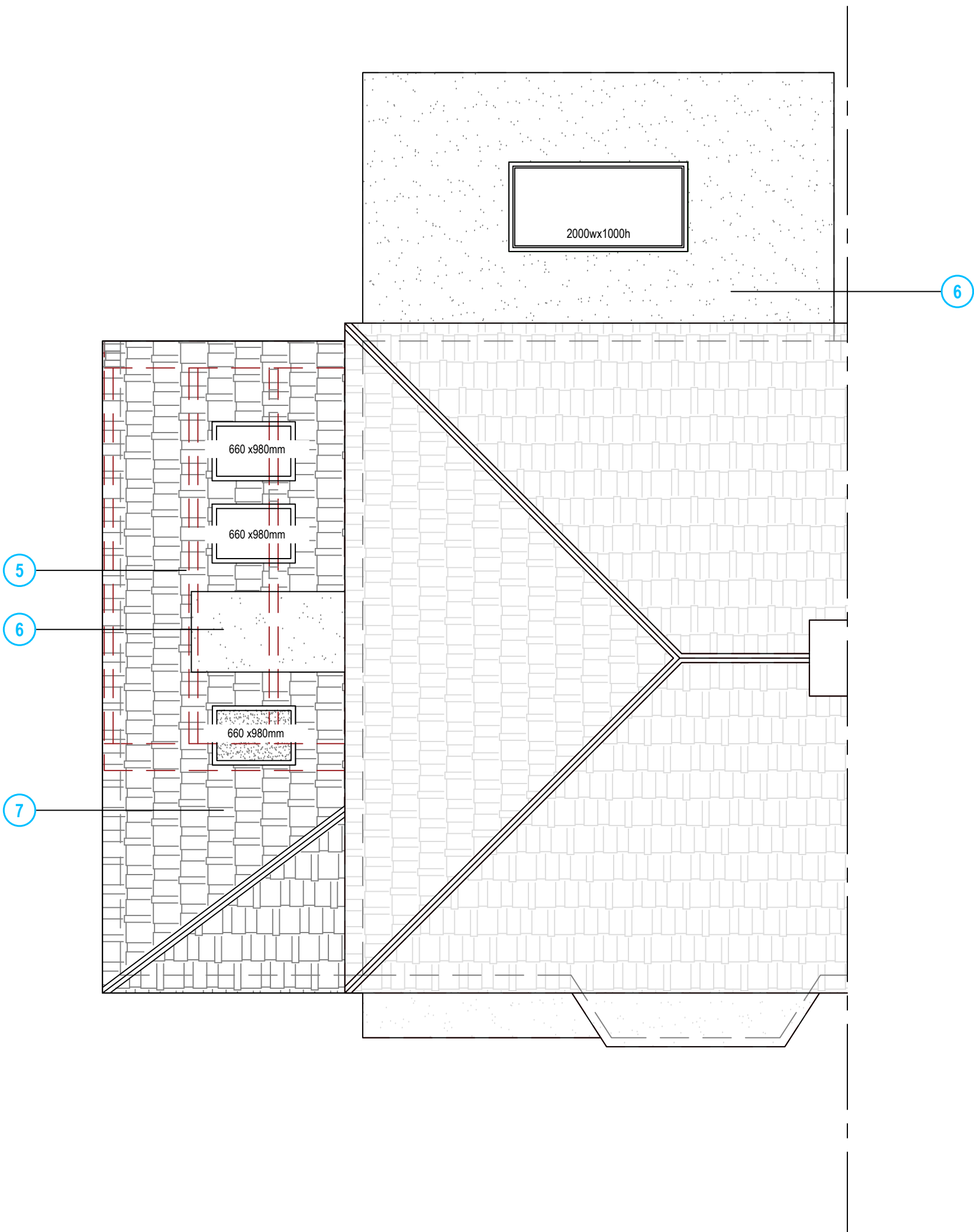
Flexible ducts for extractors are limited to a maximum of 1.5m in length and must be installed to ensure flow resistance is minimized. Information about new ventilation systems must be provided to the homeowner when work is undertaken to an existing dwelling.



Proposed Ground Floor Plan  
Area ca. 63.93 m²  
Additional Area: 17.32 m²



Proposed First Floor Plan  
Area ca. 33.58 m²



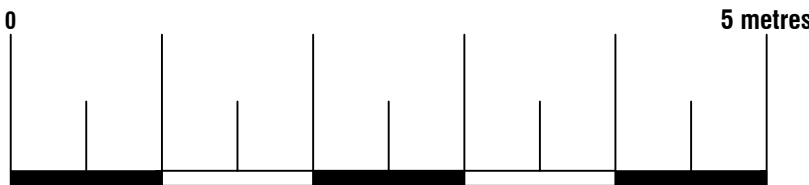
Proposed Roof Plan

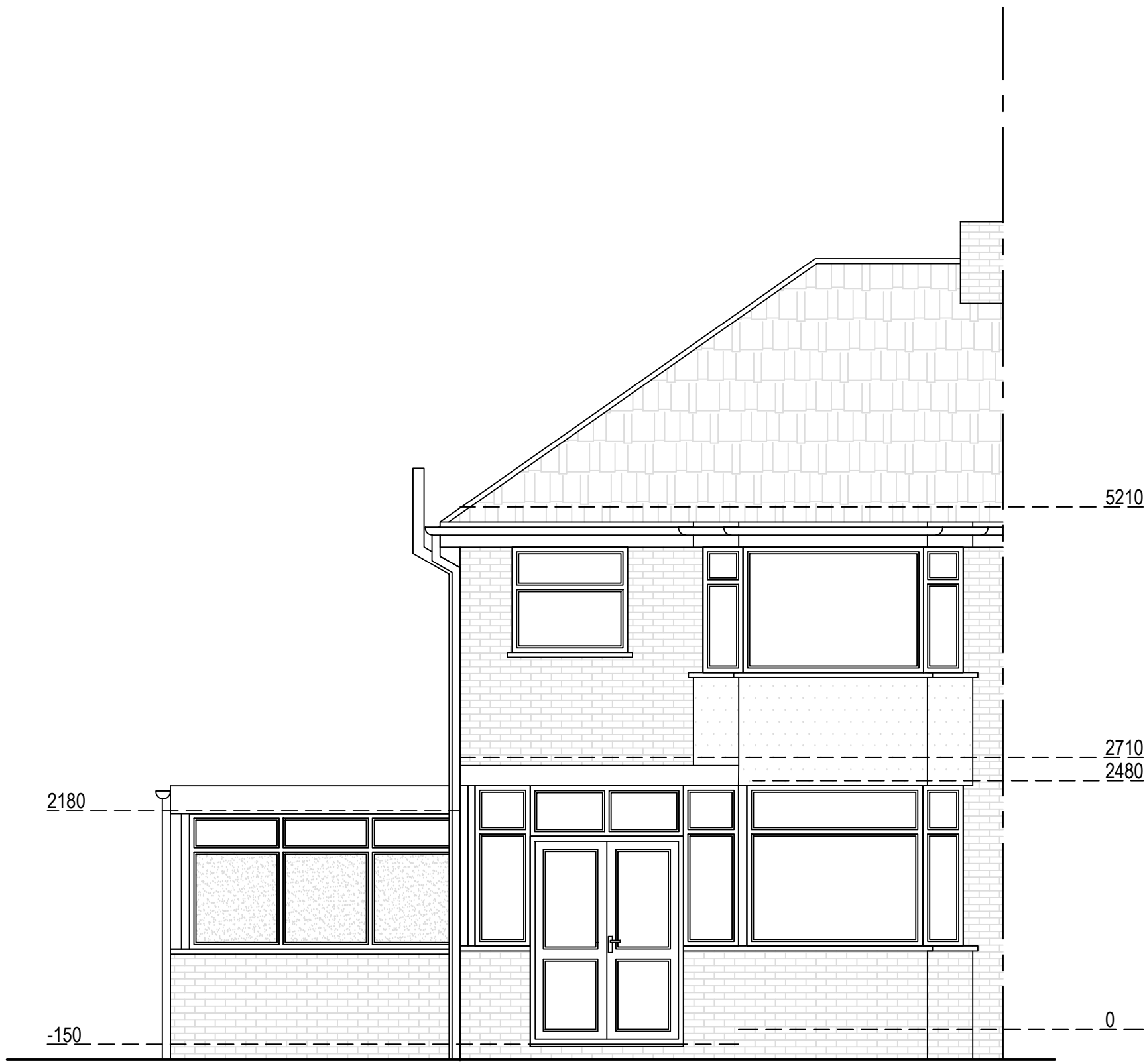
FOR BUILDING CONTROL APPROVAL ONLY  
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Site	126 Glyn Farm Road, Quinton, Birmingham B32 1NP	Date	03.06.2025
		Sheet	24-0724 D03 REV 10
		Job	New Extension
		Scale	1:50 @A1, 1:100 @A3
Title Number	-	Title	As Shown

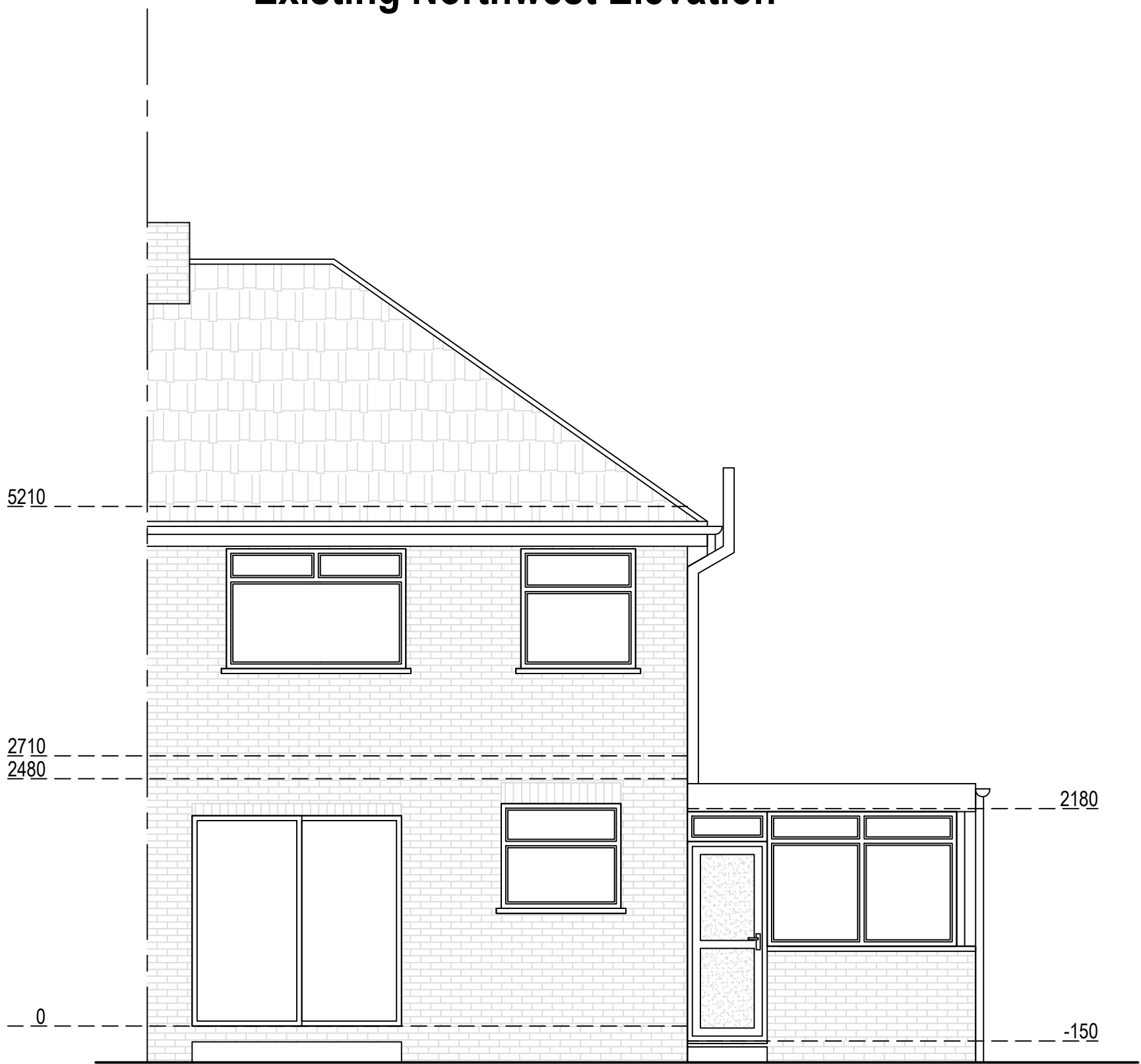




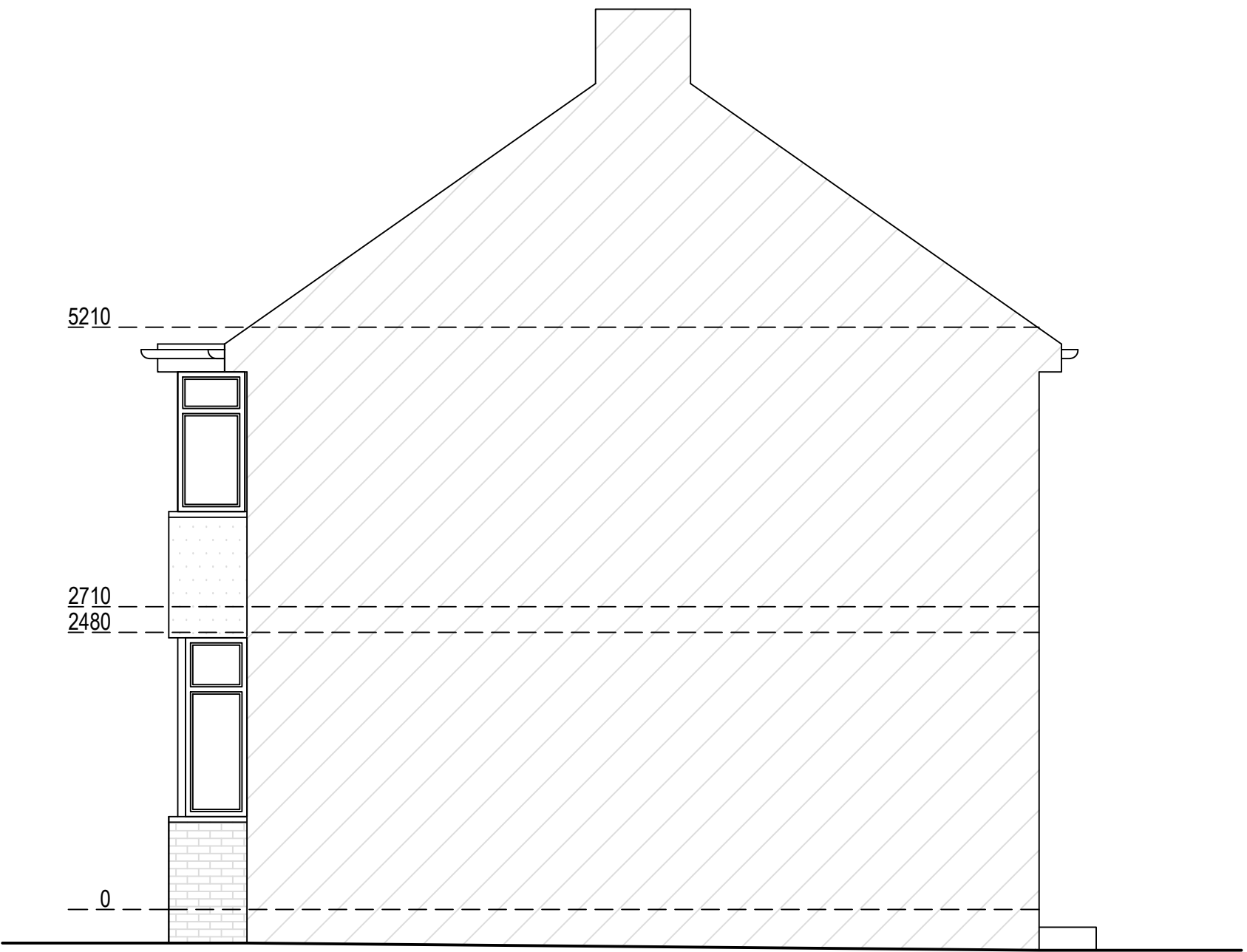
Existing Northwest Elevation



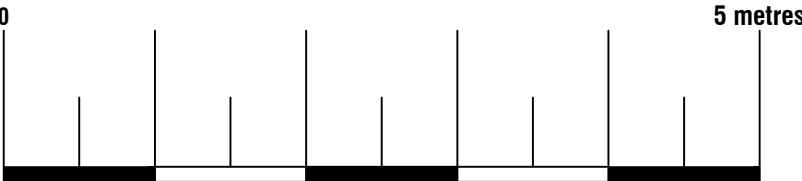
Existing Northeast Elevation



Existing Southeast Elevation



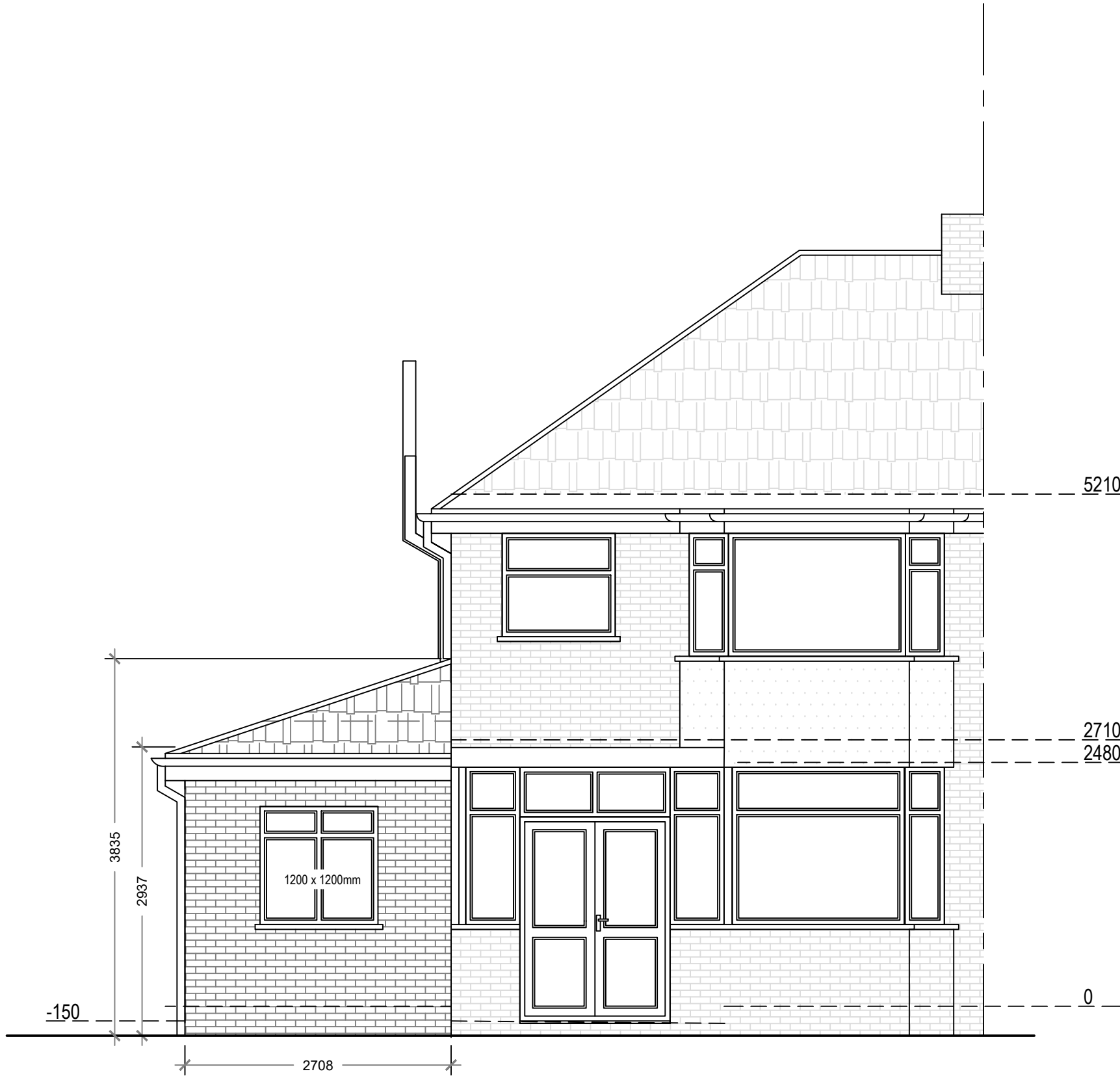
Existing Southwest Elevation



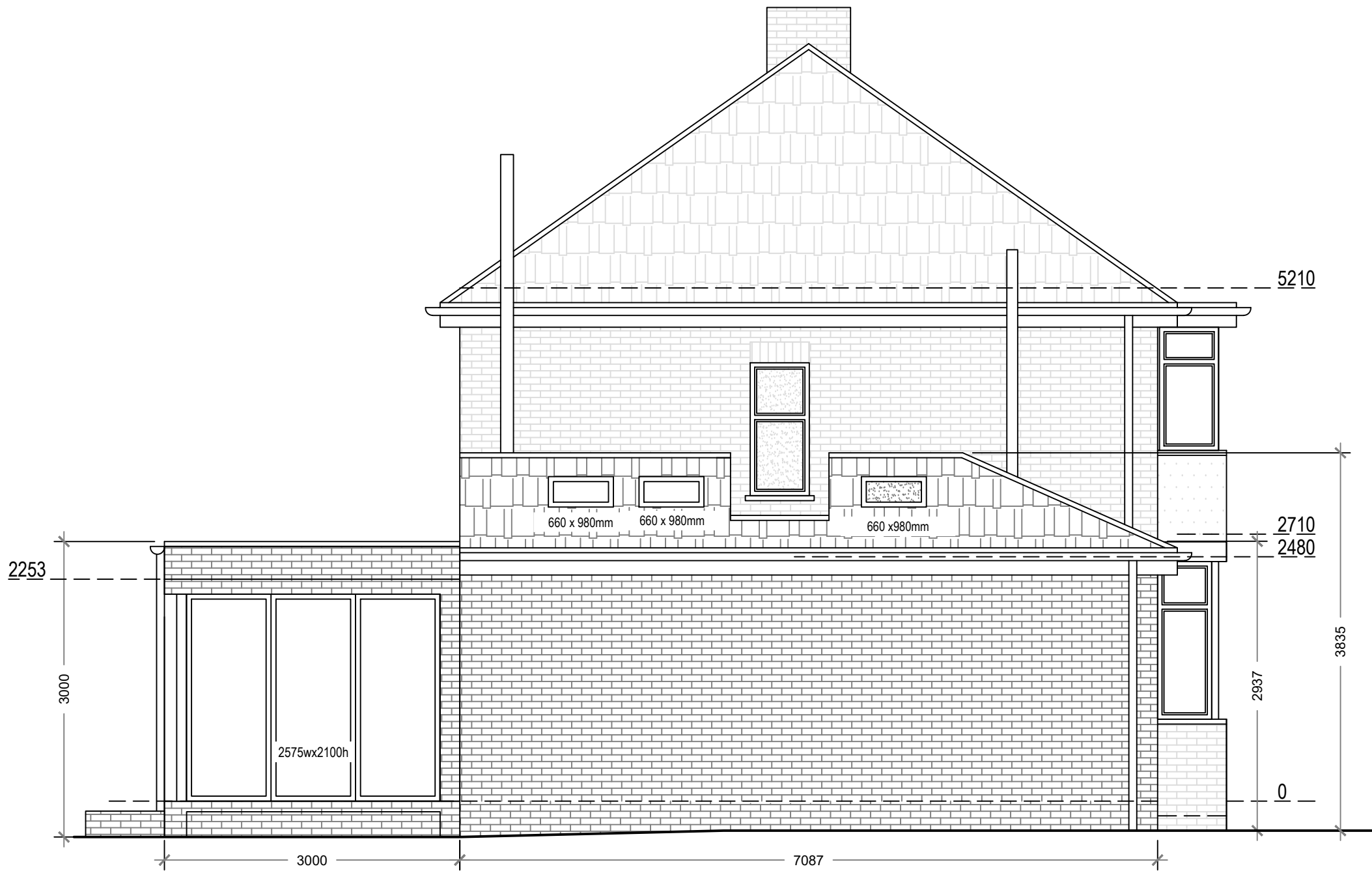
<div>Arkiplan</div> <div>ArkiPlan Architectural Ltd • Enquiries@ArkiPlan.co.uk Lytchett House, 13 Freeland Park, Wareham Road, Poole, Dorset, BH16 6FA</div>			
Site	126 Glyn Farm Road, Quinton, Birmingham B32 1NP	Date	03.06.2025
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		Job	New Extension
Title Number	-	Scale	1:50 @A1, 1:100 @A3
		Title	As Shown



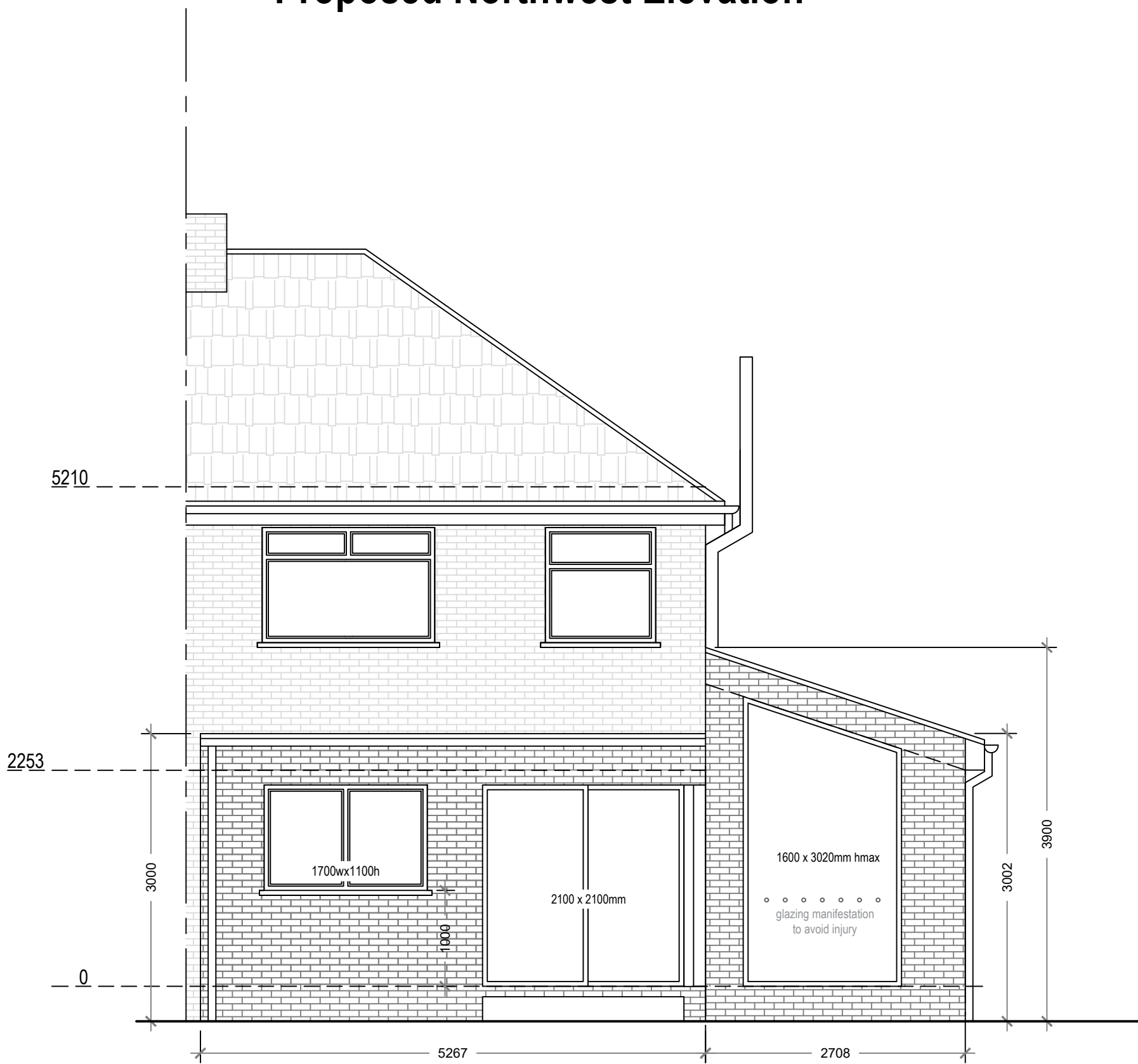
Proposed Materials:  
Walls: Brick (to match existing)  
Pitched roof: Tile (to match existing)  
Flat roof: Ply membrane (to match existing)  
Windows: Double glazed (to match existing)  
Skylights: Size as indicated (not protruding more than 150mm above the existing roof plane)



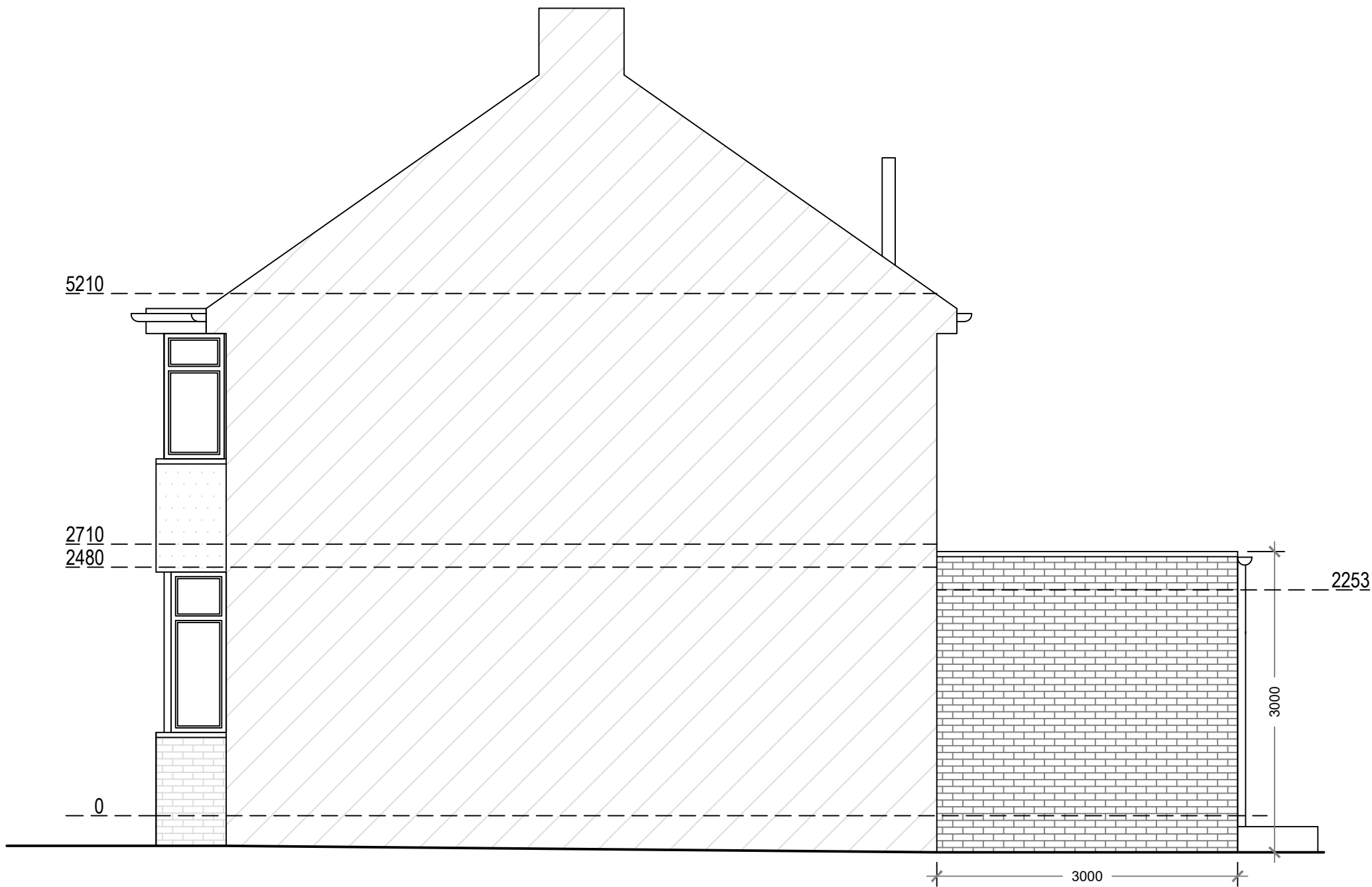
Proposed Northwest Elevation



Proposed Northeast Elevation



Proposed Southeast Elevation



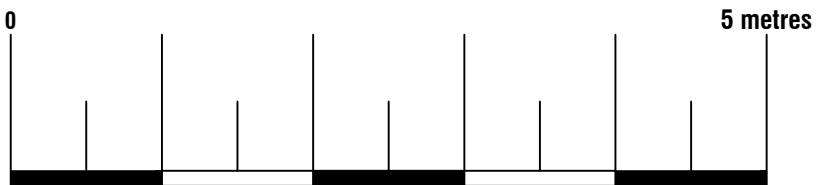
Proposed Southwest Elevation

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Site	126 Glyn Farm Road, Quinton, Birmingham B32 1NP	Date	03.06.2025
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		Job	New Extension
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Title Number	-	Title	As Shown



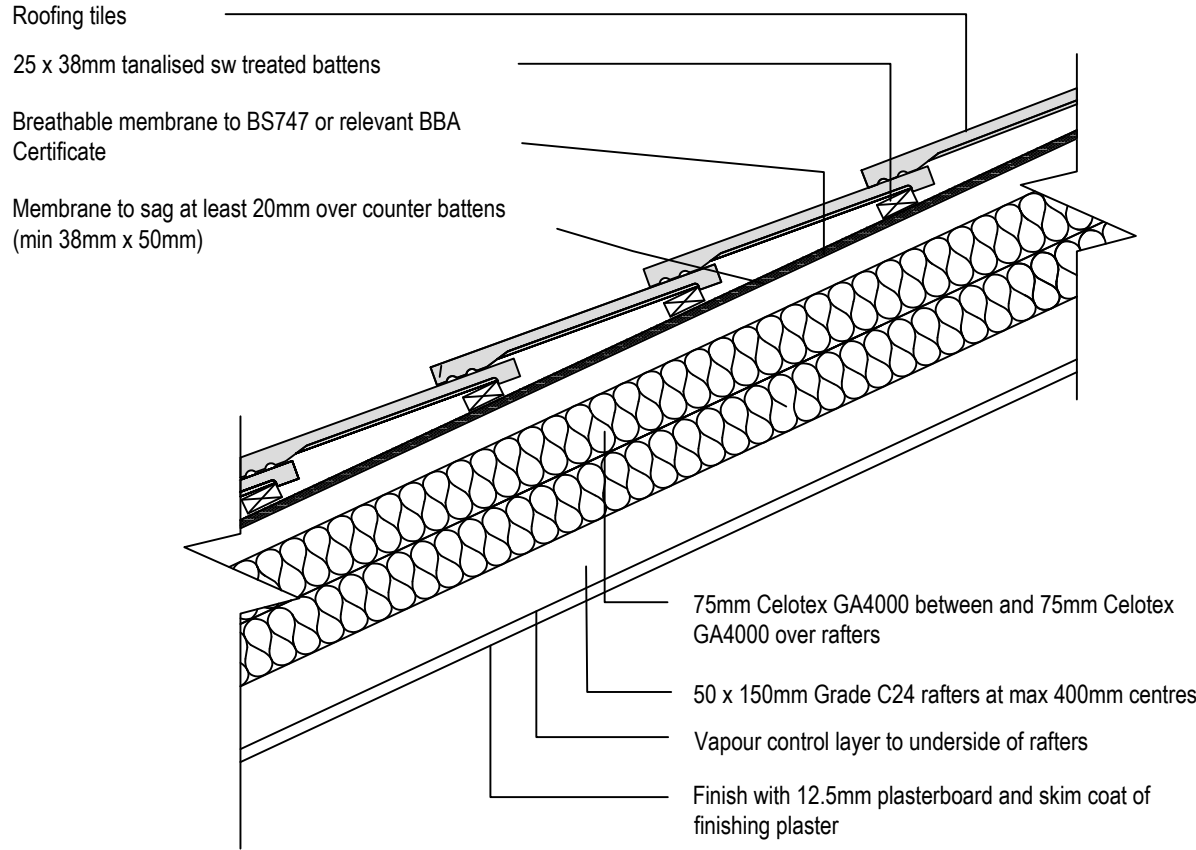






5

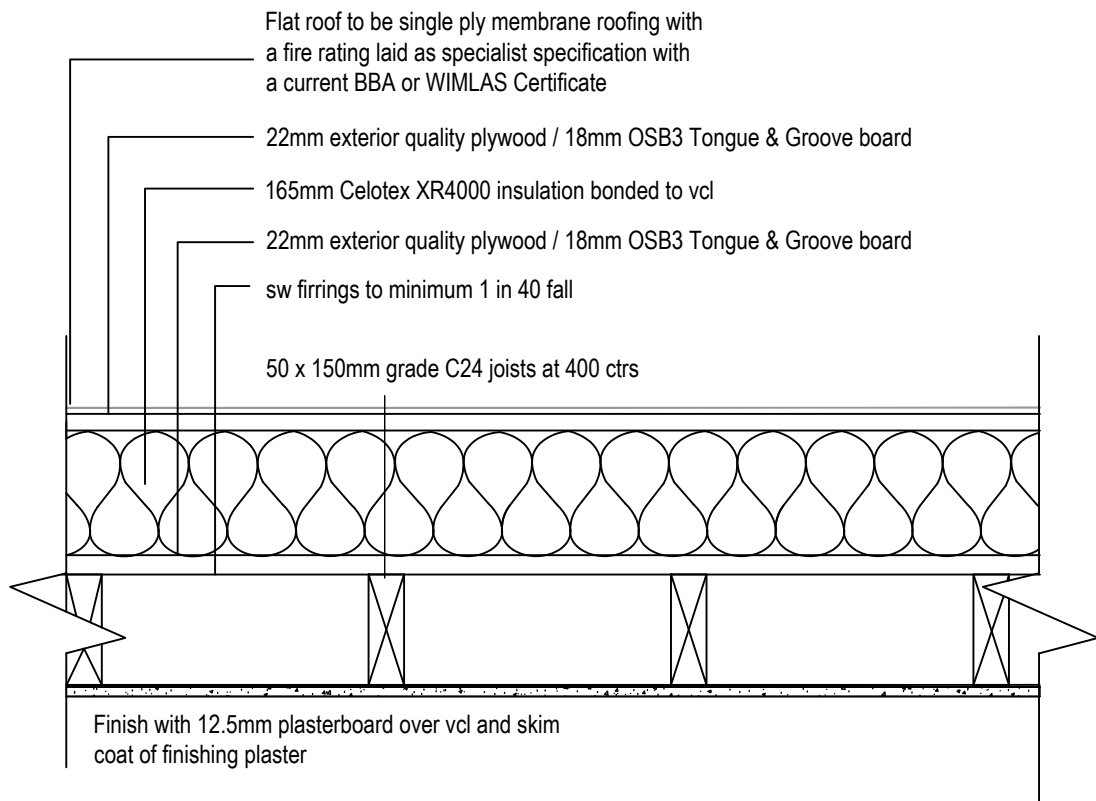
### WARM PITCHED ROOF



**WARM PITCHED ROOF**  
To achieve min U-value required of 0.15 W/m²K  
Timber roof structures to be designed by an Engineer in accordance with NHBC Technical Requirement R5 Structural Design. Calculations to be based on BS EN 1995-1-1. Roofing tiles to match existing fixed to tile battens secured over breathable membrane to relevant BBA Certificate allowing the membrane to sag at least 20mm over preservative-treated counter battens (min 38mm x 50mm). Provide 75mm Celotex GA4000 over rafters and 75mm Celotex GA4000 between 50 x 150mm timber rafters strength class C24 at 400 c/c. A vapour control layer should be provided to the underside of the rafters. Finish with 12.5 plasterboard and skim coat of finishing plaster.

6

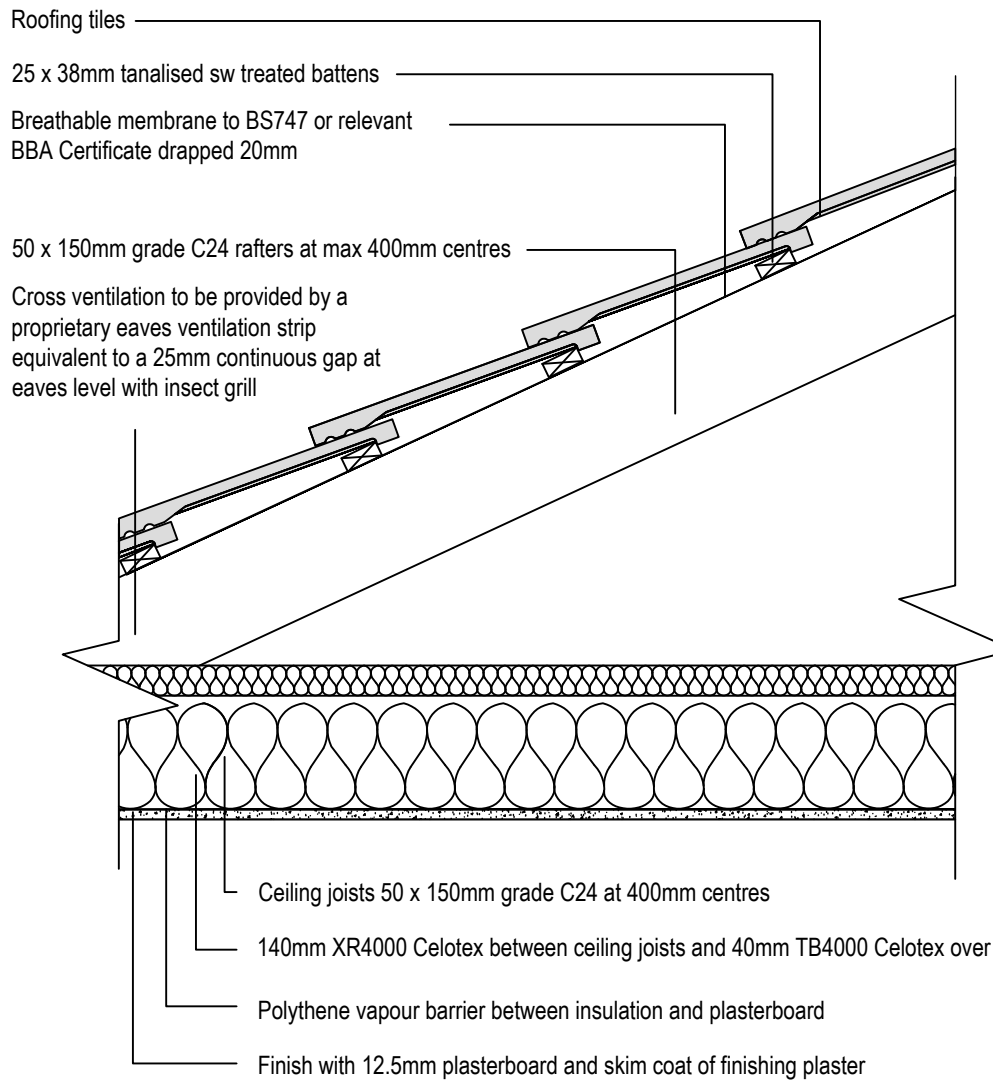
### WARM FLAT MEMBRANE ROOF



**WARM FLAT ROOF**  
(imposed load max 1.0 kN/m² - dead load max 0.75 kN/m²)  
To achieve U value 0.15 W/m²K  
Flat roof to be single ply membrane roofing providing aa fire rating for surface spread of flame with a current BBA or WIMLAS Certificate and laid to specialist specification. Single ply membrane to be fixed to 22mm exterior quality plywood over 165mm Celotex XR4000 insulation. Insulation bonded to vcl on 22mm external quality plywood decking or similar approved on sw firings to minimum 1 in 40 fall on sw treated 50 x 150mm flat roof C24 timber joists at 400mm ctrs. Finish with 12.5mm plasterboard over vcl and skim coat of finishing plaster.

7

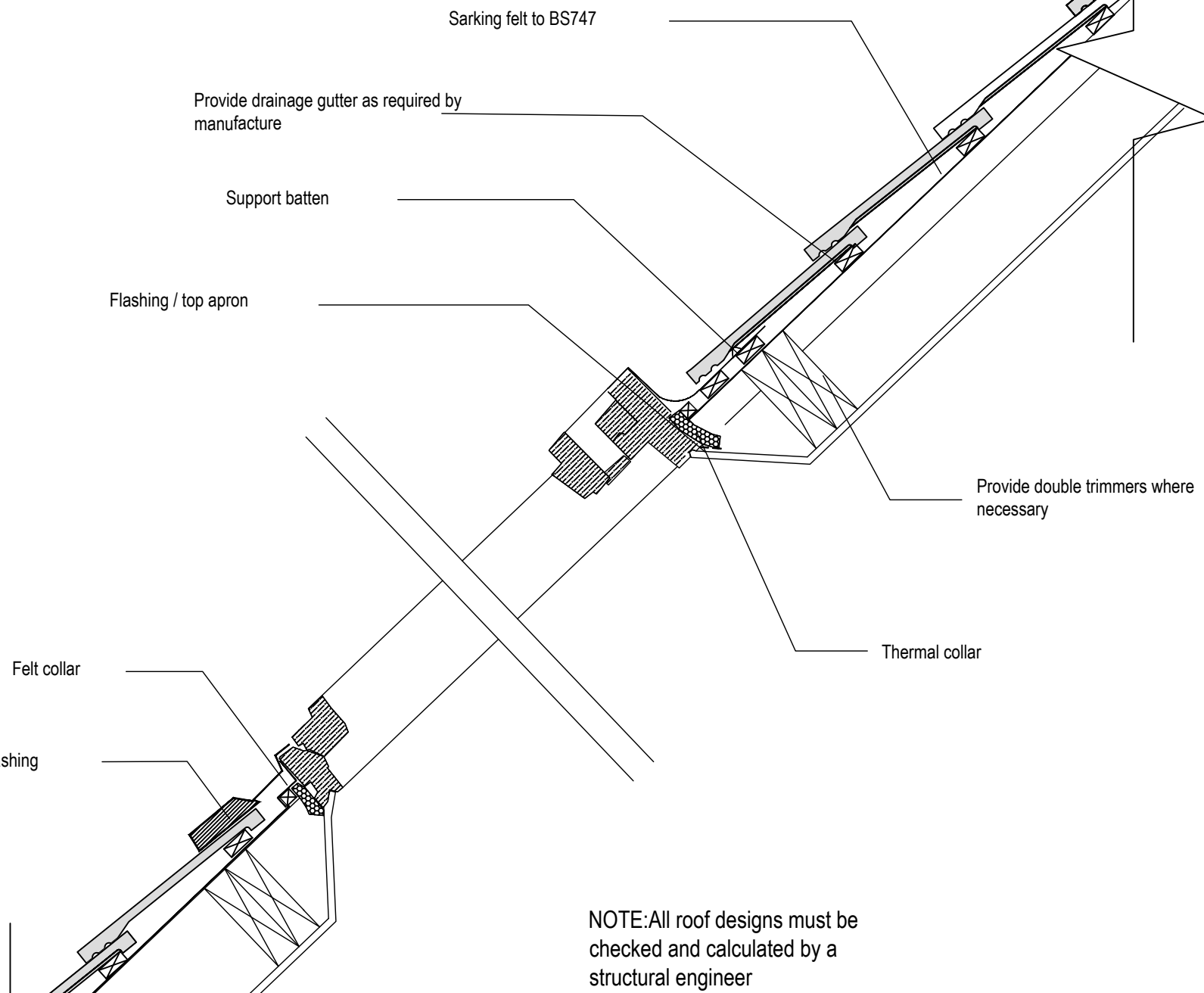
### COLD PITCHED ROOF



**PITCHED ROOF INSULATION AT CEILING LEVEL**  
To achieve U value of 0.15 W/m²K  
Timber roof structures to be designed by an Engineer in accordance with NHBC Technical Requirement R5 Structural Design. Calculations to be based on BS EN 1995-1-1. Roofing tiles to match existing on 25 x 38mm tanalised sw treated battens on breathable membrane supported on 50 x 150mm grade C24 rafters at max 400mm centres. Rafters supported on 100 x 50mm sw wall plates. Insulation at ceiling level to be 140mm XR4000 Celotex between ceiling joists with a further 40mm TB4000 Celotex over joists. Construct ceiling using sw joists at 400mm centres, finished with 12.5mm plasterboard and skim coat of finishing plaster. Provide polythene vapour barrier between insulation and plasterboard. Provide opening at eaves level at least equal to continuous strip 25mm wide in two opposite sides to promote cross-ventilation. Mono pitched roofs to have ridge/high level ventilation equivalent to a 5mm gap via proprietary tile vents spaced in accordance with manufacturer's details.

### ROOFLIGHTS (SECTION)

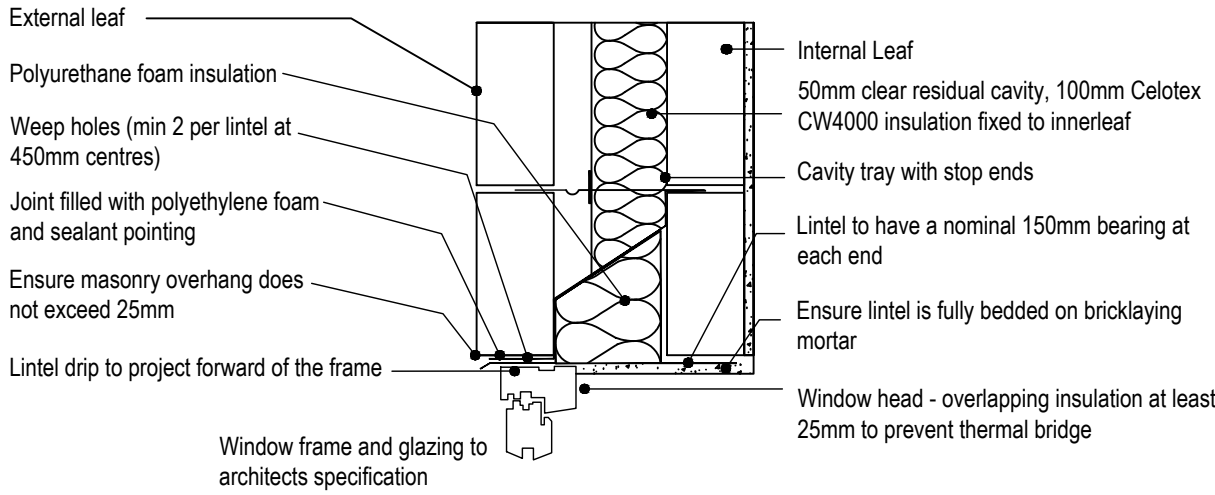
Rooflight installed in accordance with manufactures details



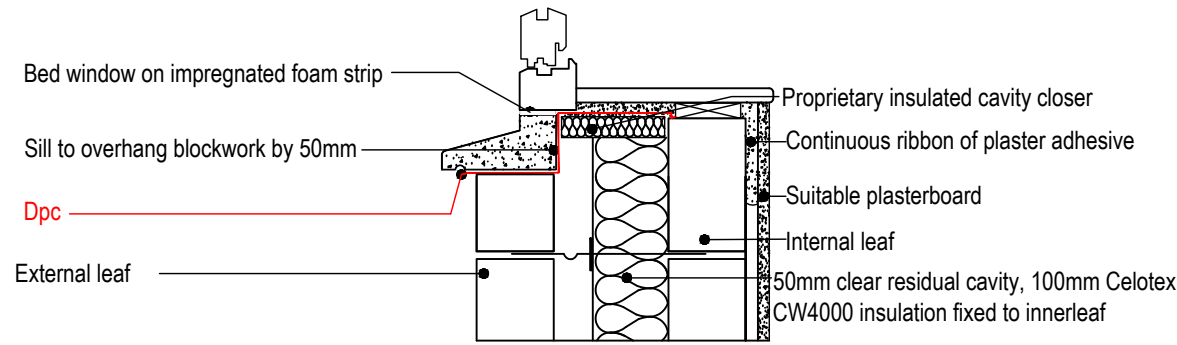
NOTE: All roof designs must be checked and calculated by a structural engineer

**ROOF LIGHTS**  
Min U-value of 1.4 W/m²K.  
Roof-lights to be double glazed with 16mm argon gap and soft low-E glass. Window Energy Rating to be Band C or better. Roof lights to be fitted in accordance with manufactures instructions with rafters doubled up to sides and suitable flashings etc.

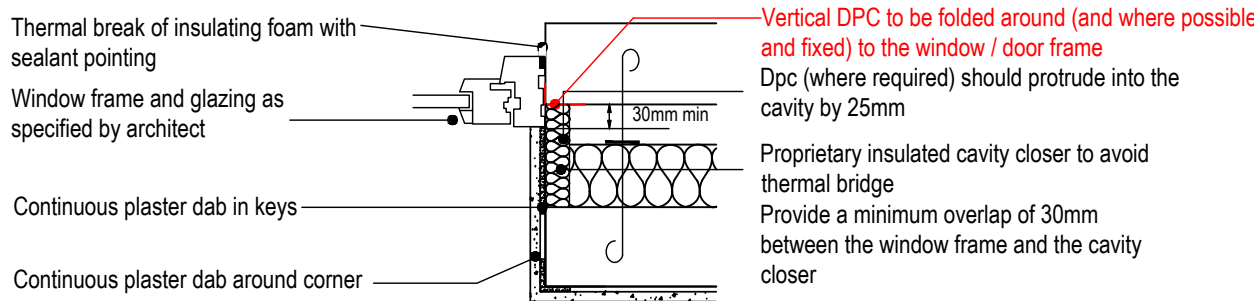
### WINDOW HEAD AND LINTEL



### WINDOW SILL

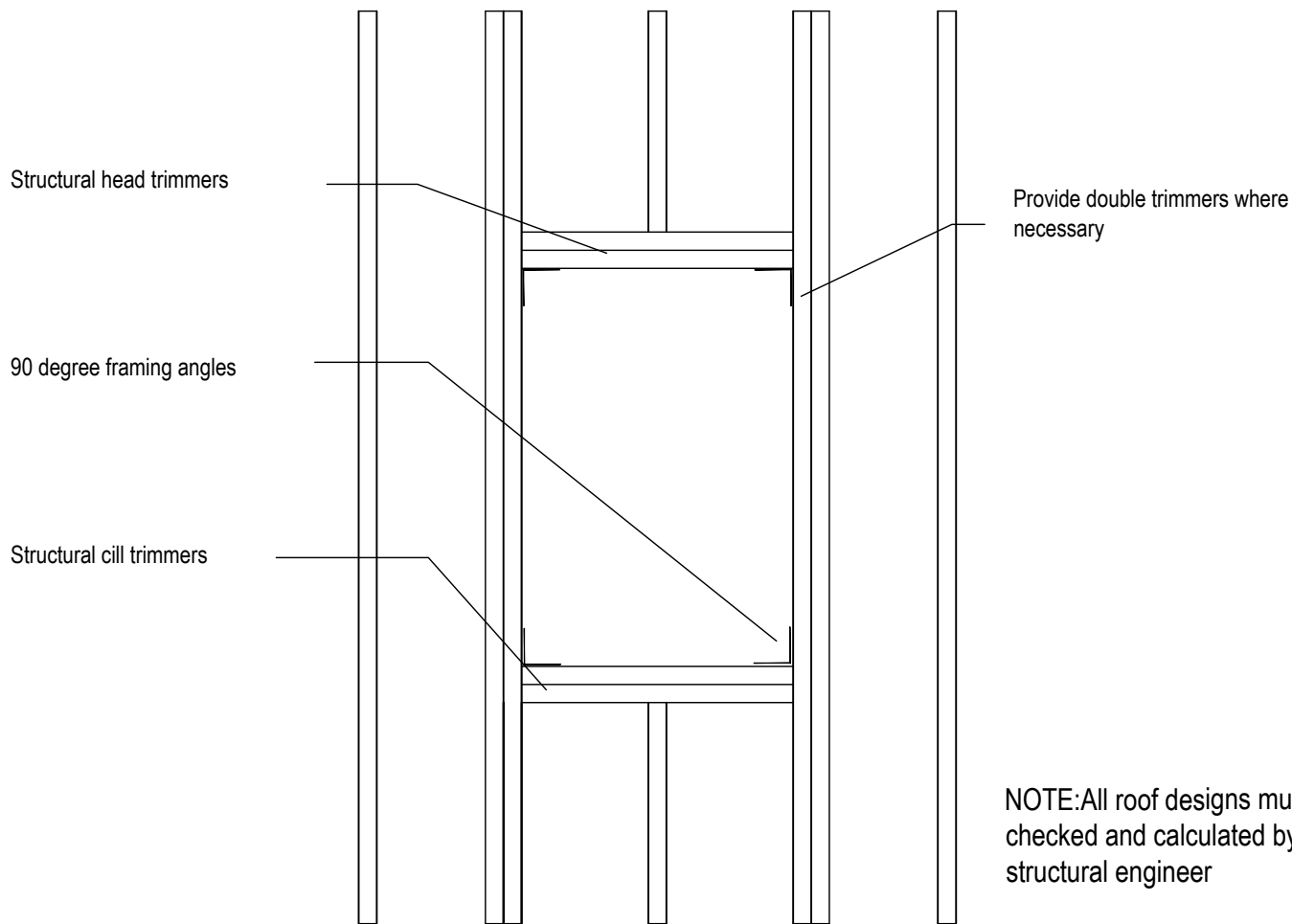


### WINDOW REVEAL (Plan)



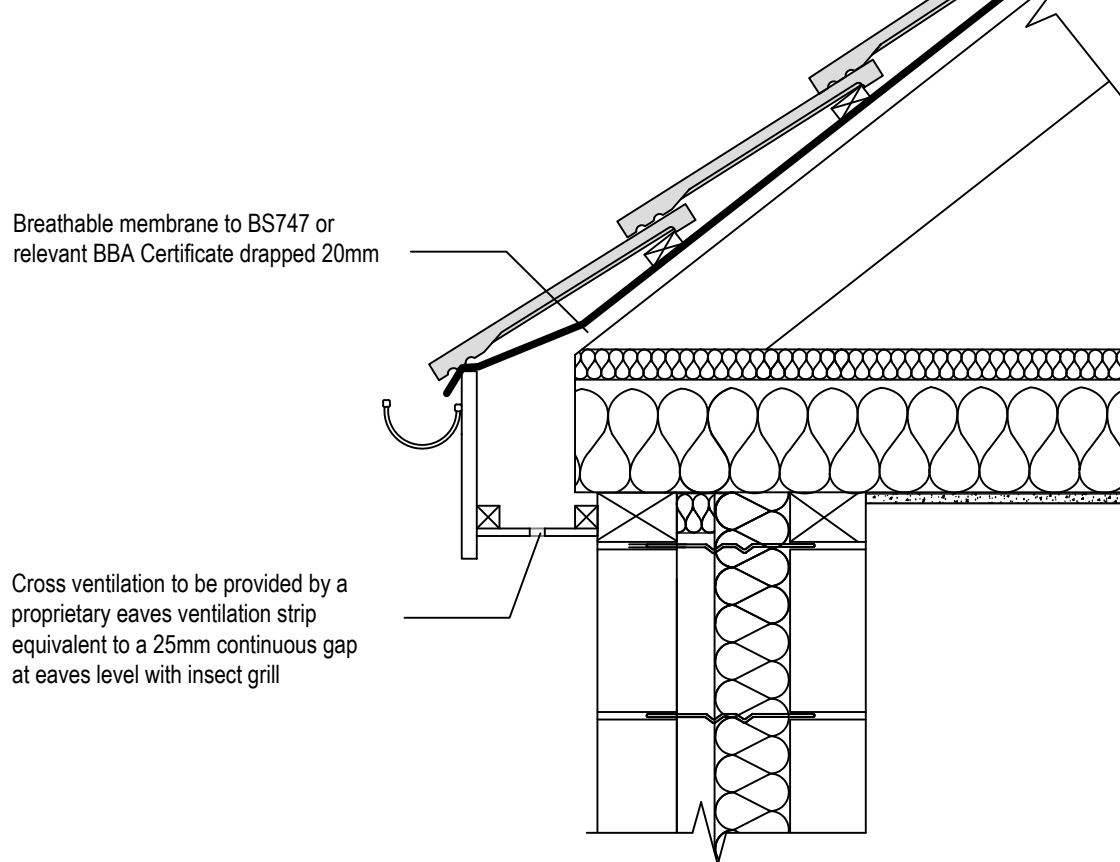
### ROOFLIGHTS (STRUCTURE)

Rooflight installed in accordance with manufactures details



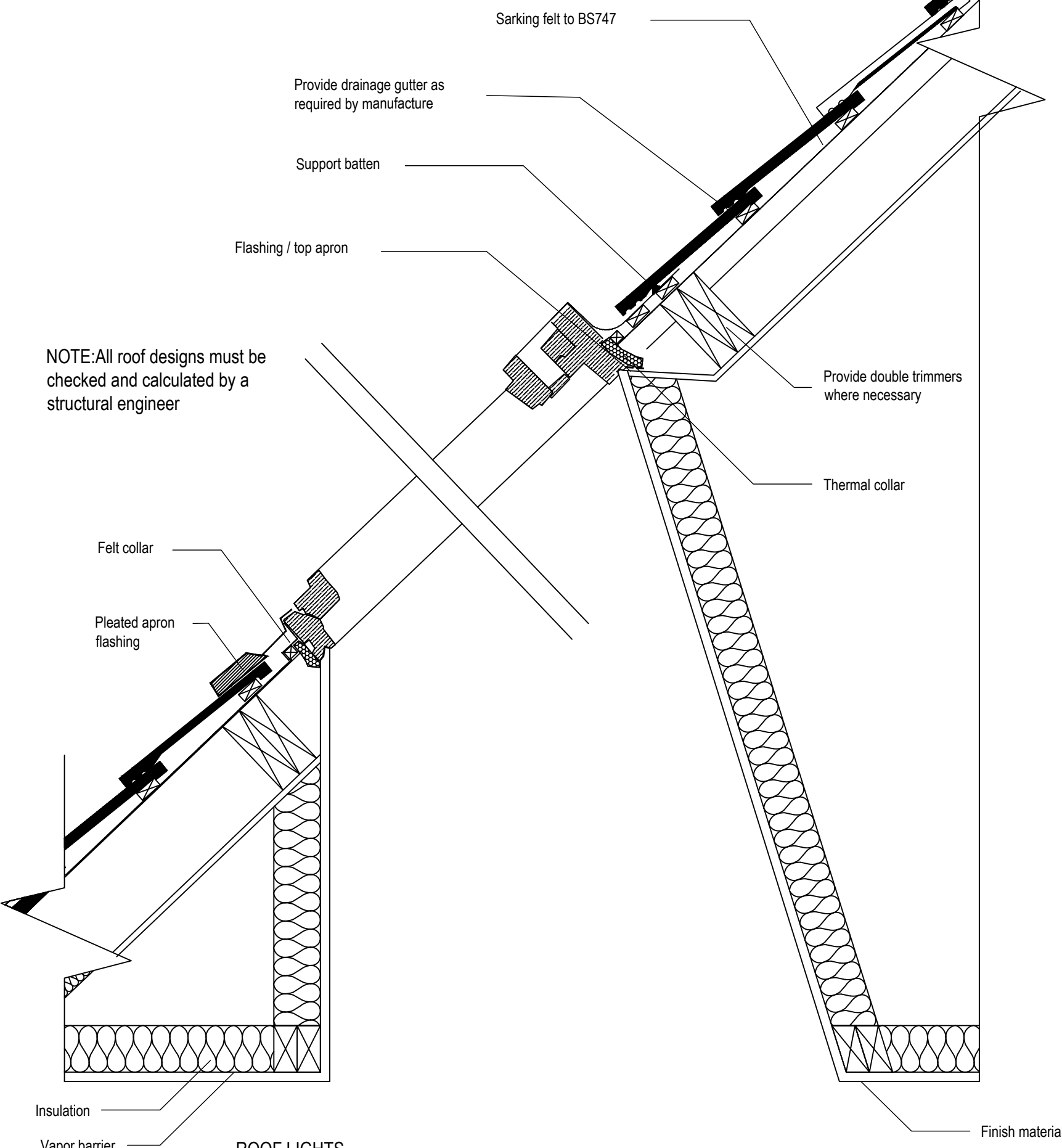
**ROOF LIGHTS**  
Min U-value of 1.4 W/m²K.  
Roof-lights to be double glazed with 16mm argon gap and soft low-E glass. Window Energy Rating to be Band C or better. Roof lights to be fitted in accordance with manufactures instructions with rafters doubled up to sides and suitable flashings etc.

### EAVES DETAIL



### ROOFLIGHTS (SECTION)

Rooflight installed in accordance with manufactures details



**ROOF LIGHTS**  
Min U-value of 1.4 W/m²K.  
Roof-lights to be double glazed with 16mm argon gap and soft low-E glass. Window Energy Rating to be Band C or better. Roof lights to be fitted in accordance with manufactures instructions with rafters doubled up to sides and suitable flashings etc.

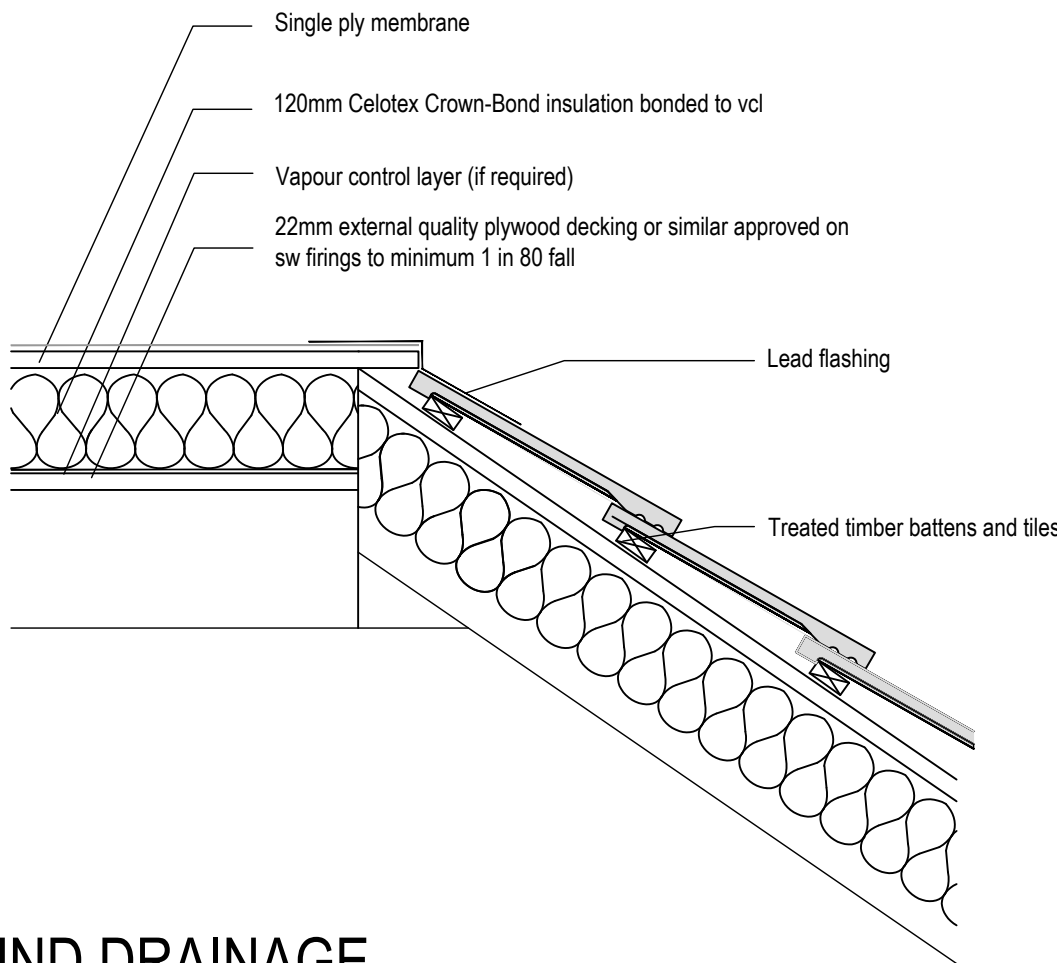
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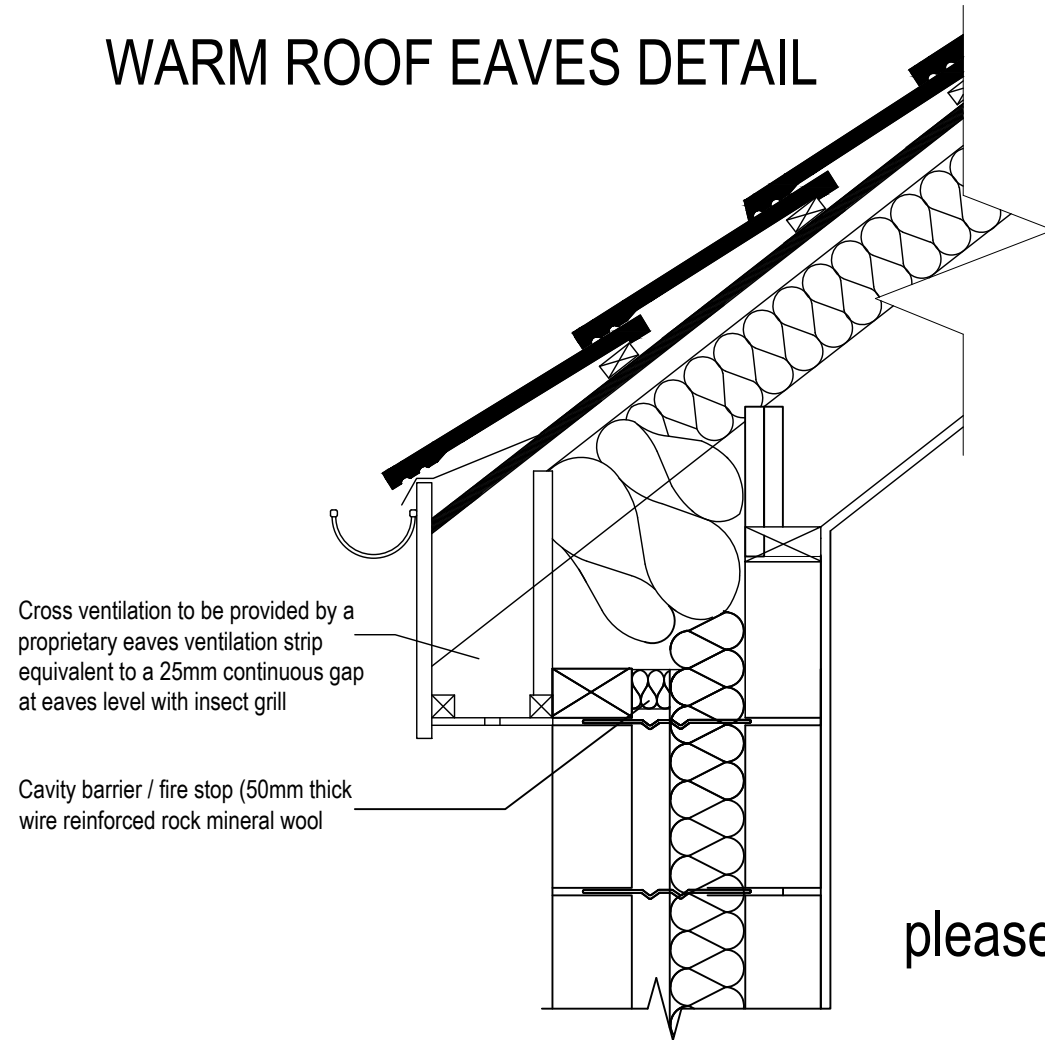
Site	126 Glyn Farm Road, Quinton, Birmingham B32 1NP	Date	03.06.2025
		Sheet	24-0724 D07 REV 10
		Job	New Extension
		Scale	Not To Scale
Title Number	-	Title	Section Detail Drawings 1:10



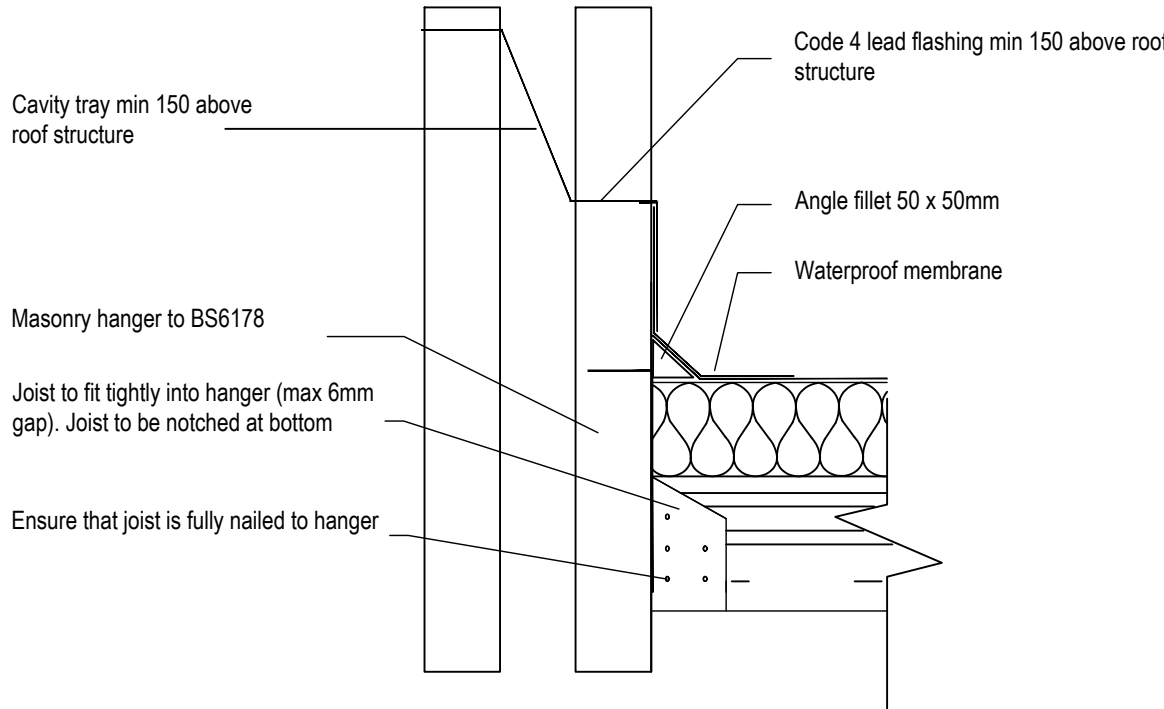
WARM MANSARD ROOF EDGE



WARM ROOF EAVES DETAIL



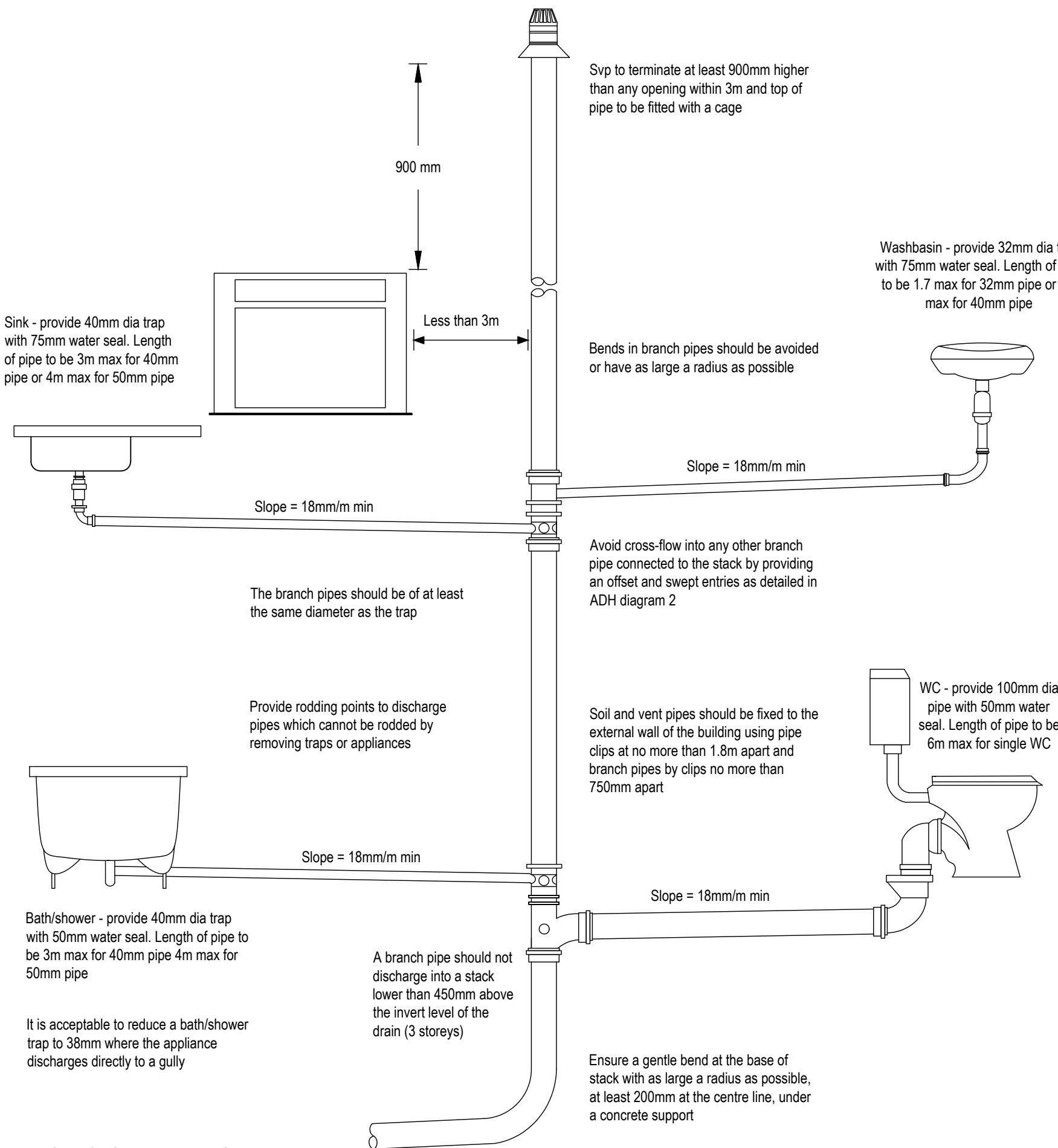
FLAT ROOF / WALL ABUTMENT



SOAKAWAY OPTIONS -

please confirm on site with the BCO the required method

ABOVE GROUND DRAINAGE  
SCALE 1:20



ABOVE GROUND DRAINAGE

All new above ground drainage and plumbing to comply with BS EN 12056-2:2000 for sanitary pipework. All drainage to be in accordance with Part H of the Building Regulations. Wastes to have 75mm deep anti vac bottle traps and rodding eyes to be provided at changes of direction.

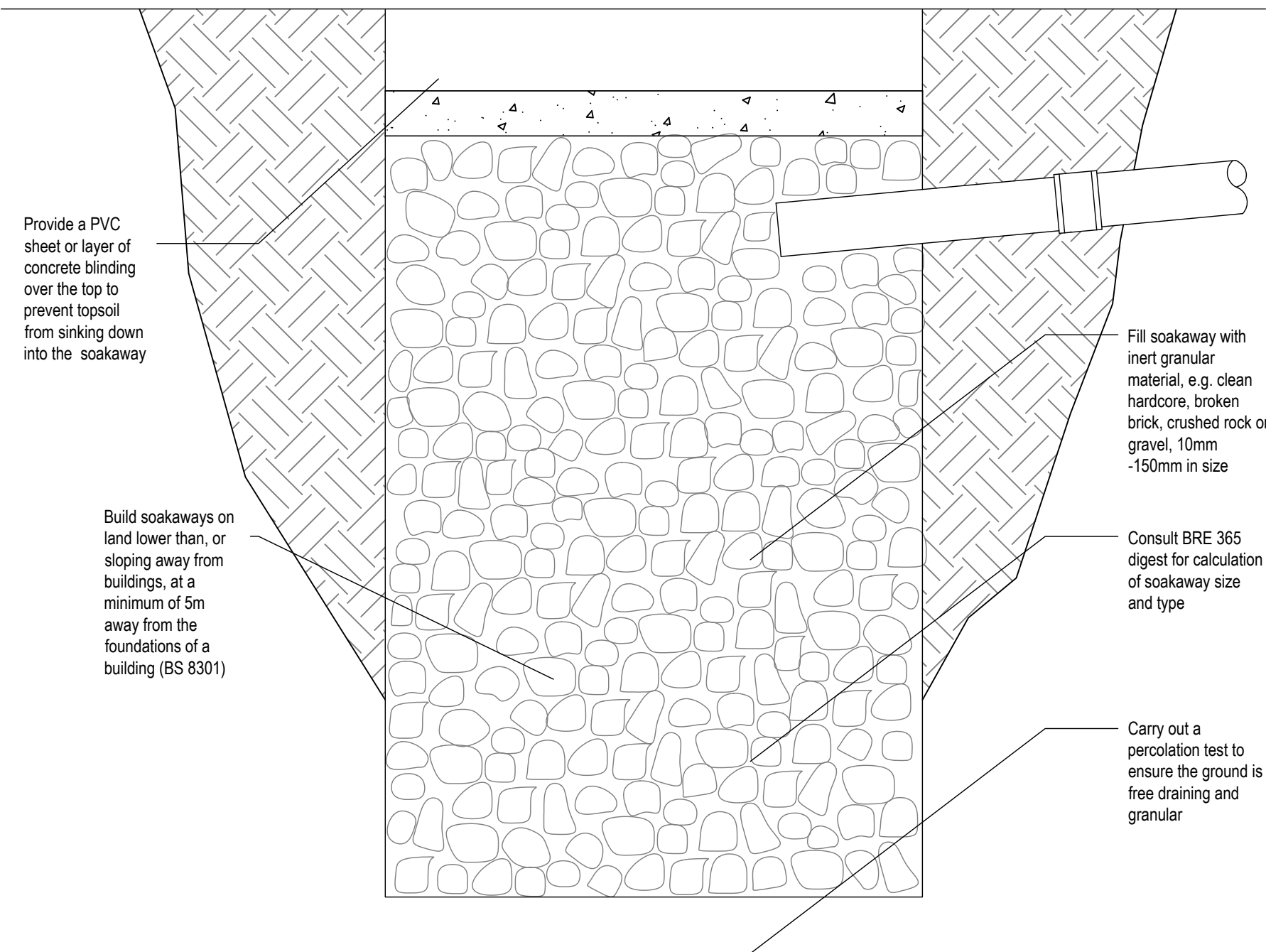
Size of wastes pipes and max length of branch connections (if max length is exceeded then anti vacuum traps to be used)

- Wash basin - 1.7m for 32mm pipe 4m for 40mm pipe
- Bath/shower - 3m for 40mm pipe 4m for 50mm pipe
- W/C - 6m for 100mm pipe for single WC

All branch pipes to connect to 110mm soil and vent pipe terminating min 900mm above any openings within 3m, or to 110mm upvc soil pipe with accessible internal air admittance valve complying with BS EN 12380, placed at a height so that the outlet is above the trap of the highest fitting. Waste pipes not to connect on to SVP within 200mm of the WC connection. Supply hot and cold water to all fittings as appropriate.

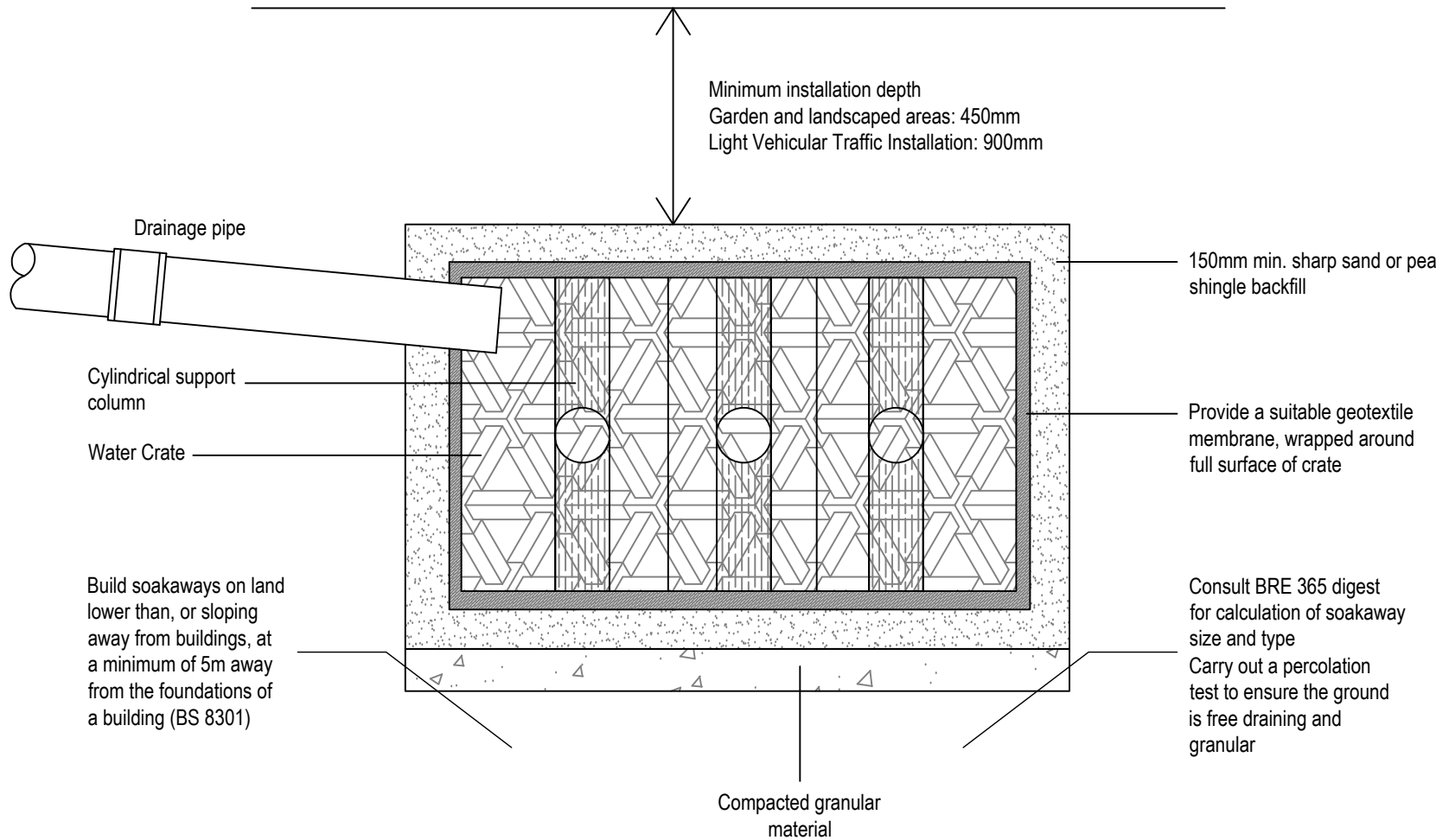
SOAKAWAY

Soakaway size and type dependent on space requirements, site layout, topography, water table, subsoil type, etc.  
Designed to BS EN 752:2017 and BRE digest 365

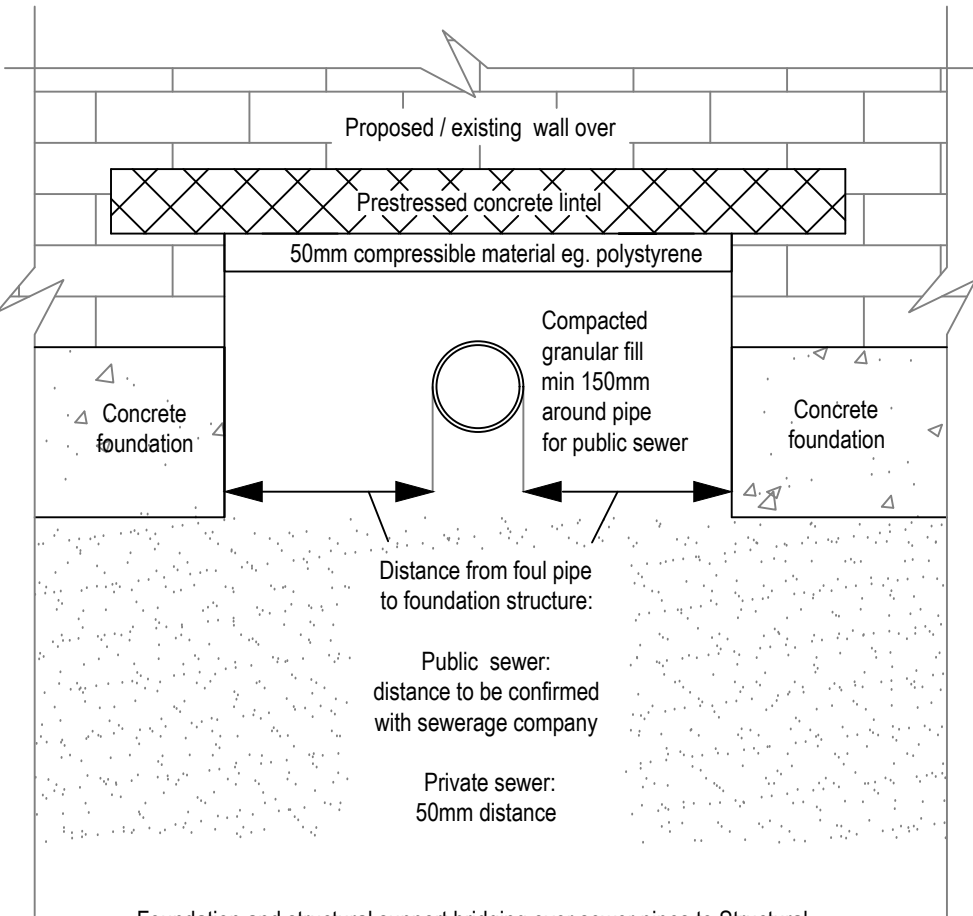


SOAKAWAY CRATES

Soakaway size and type dependent on space requirements, site layout, topography, water table, subsoil type, etc.  
Designed to BS EN 752

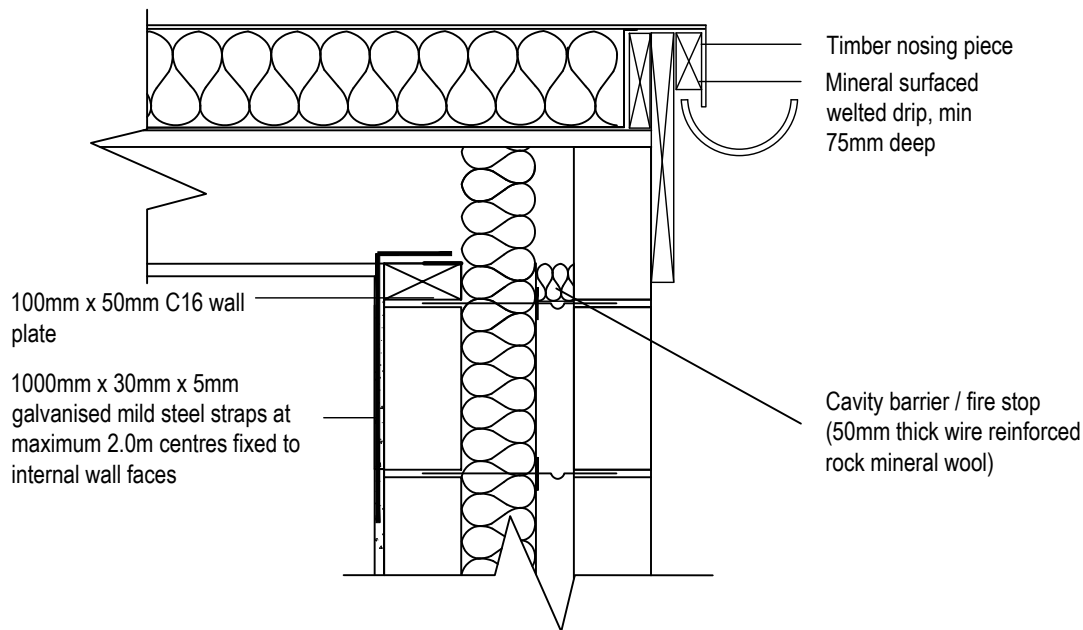


BRIDGING DETAIL OVER SEWER

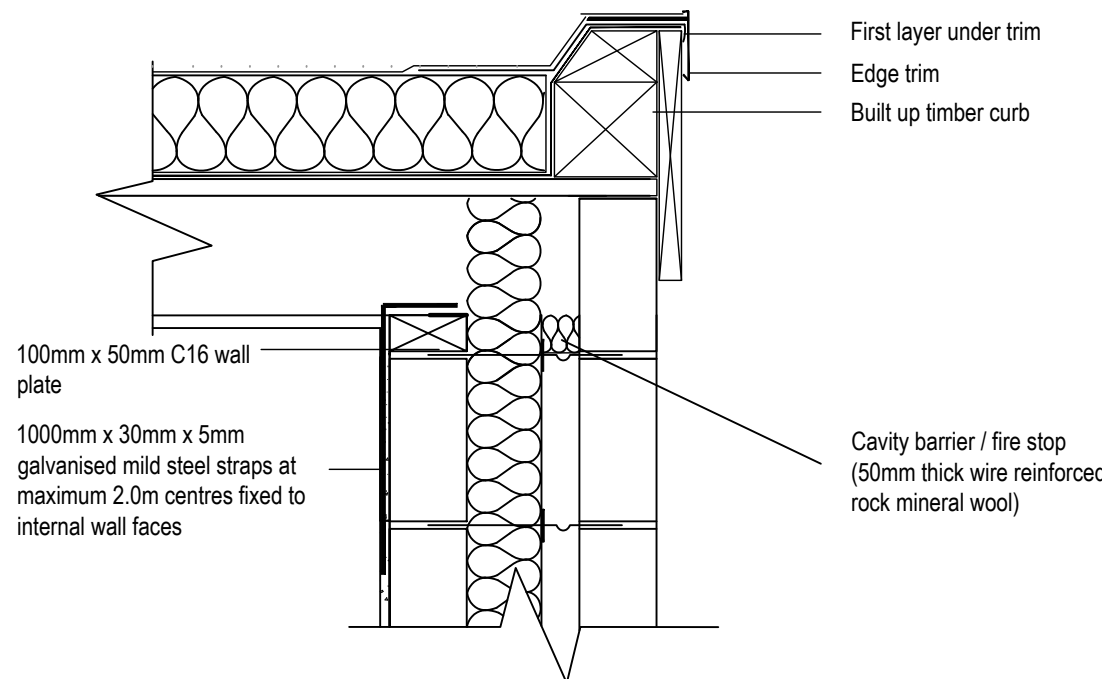


- Foundation and structural support bridging over sewer pipes to Structural Engineer details, specifications and bearing requirements
- No additional loads to be transmitted to sewer pipes
- New connections to existing sewer network to be constructed in matching materials and via a manhole or a pre-formed junction
- Foundations to be taken down a minimum of 150mm below invert.
- Minimum 300mm space between floor level and crown of pipe.
- Mask opening on all sides with rigid sheet material to prevent entry or fill or vermin.

WELTED DRIP TO  
EXTERNAL GUTTER



VERGE DETAIL



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		Sheet	24-0724 D08 REV 10
		Job	New Extension
		Scale	Not To Scale
Title Number	-	Title	Section Detail Drawings 1:10