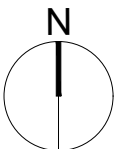




SITE PLAN
SCALE 1:1250 @ A4



BLOCK PLAN
SCALE 1:1250 @ A4



SHORPLANS

DEVELOPMENTS

RIBA

Chartered Practice

RICS

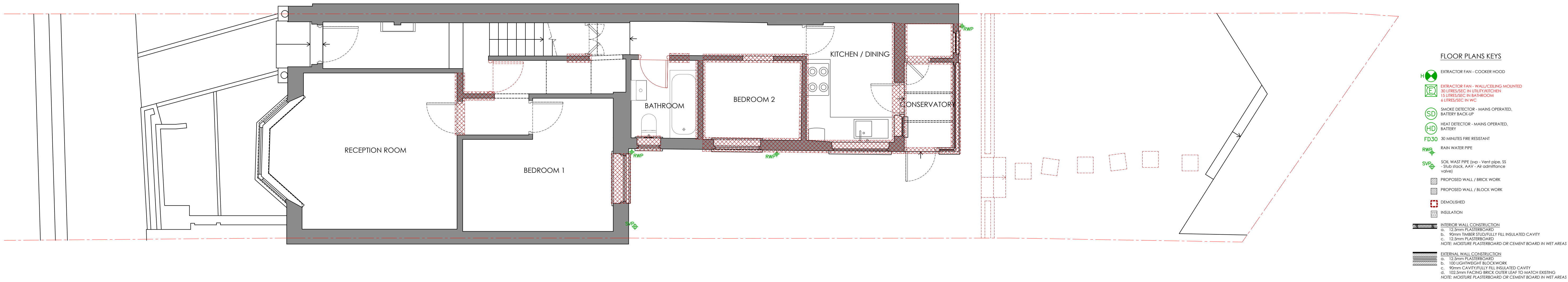
DESIGN + BUILD

71-75 SHELTON STREET
COVENT GARDEN
LONDON
WC2H 9JQ

WWW.SHORPLANS.COM
ADMIN@SHORPLANS.COM
020 38806164



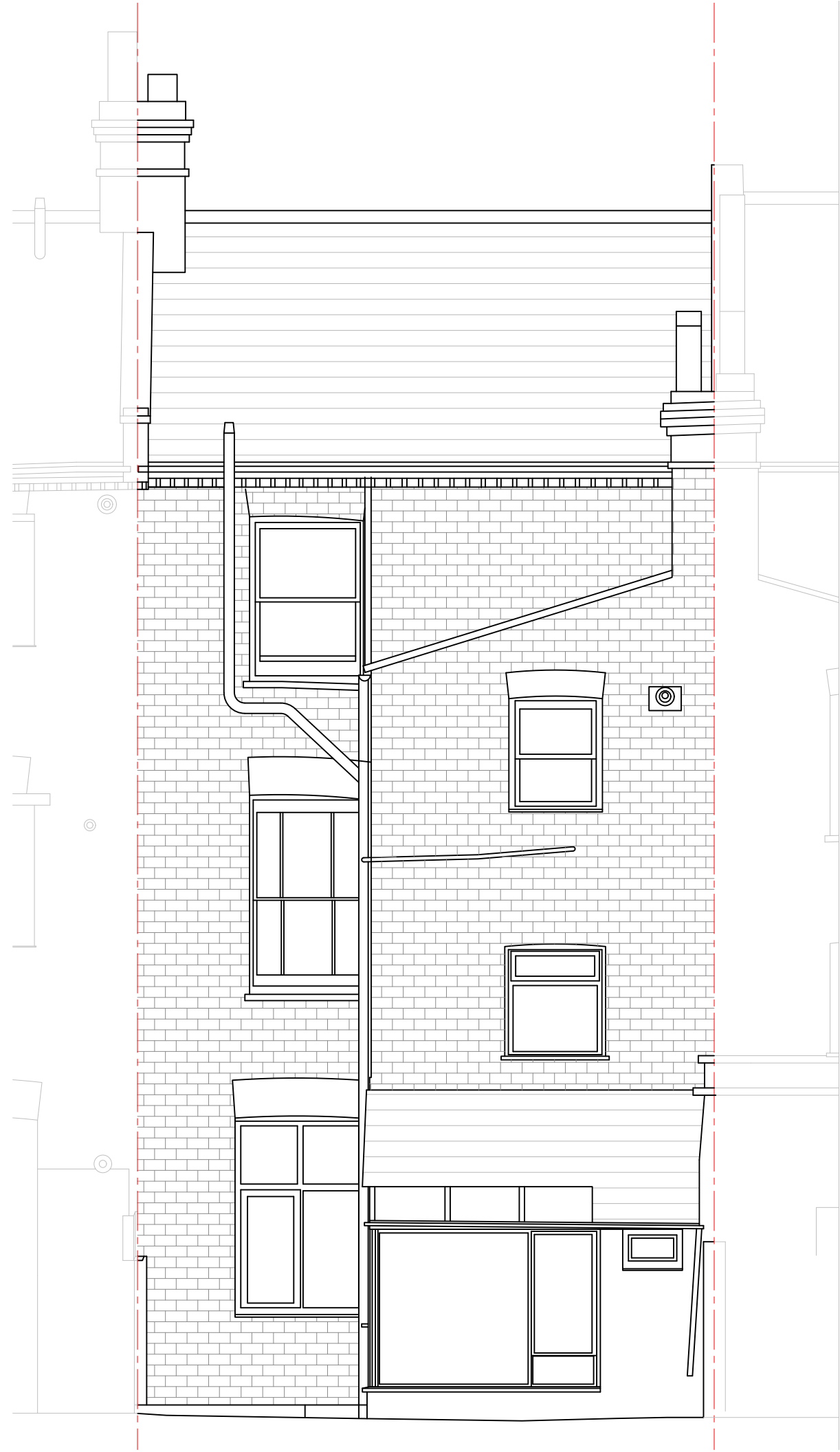
NOTES:	DRAWING NO	DATE	DRAWING	PROJECT
SHORPLANS architects Figured dimensions only are to be used. All dimensions to be checked on site. Differences between drawings and between drawings and specification or bills of quantities to be reported to SHORPLANS architects. The copyright of the drawing and designs remains SHORPLANS architects. All copies are only for information about the application, they may not be used for any other purpose without the express written permission of SHORPLANS architects.	DRAWN	26.11.2024	PLANNING SITE PLAN AND BLOCK PLAN	15A SCARBOROUGH ROAD
		SCALE		
	MS	1:1250 @ A4		



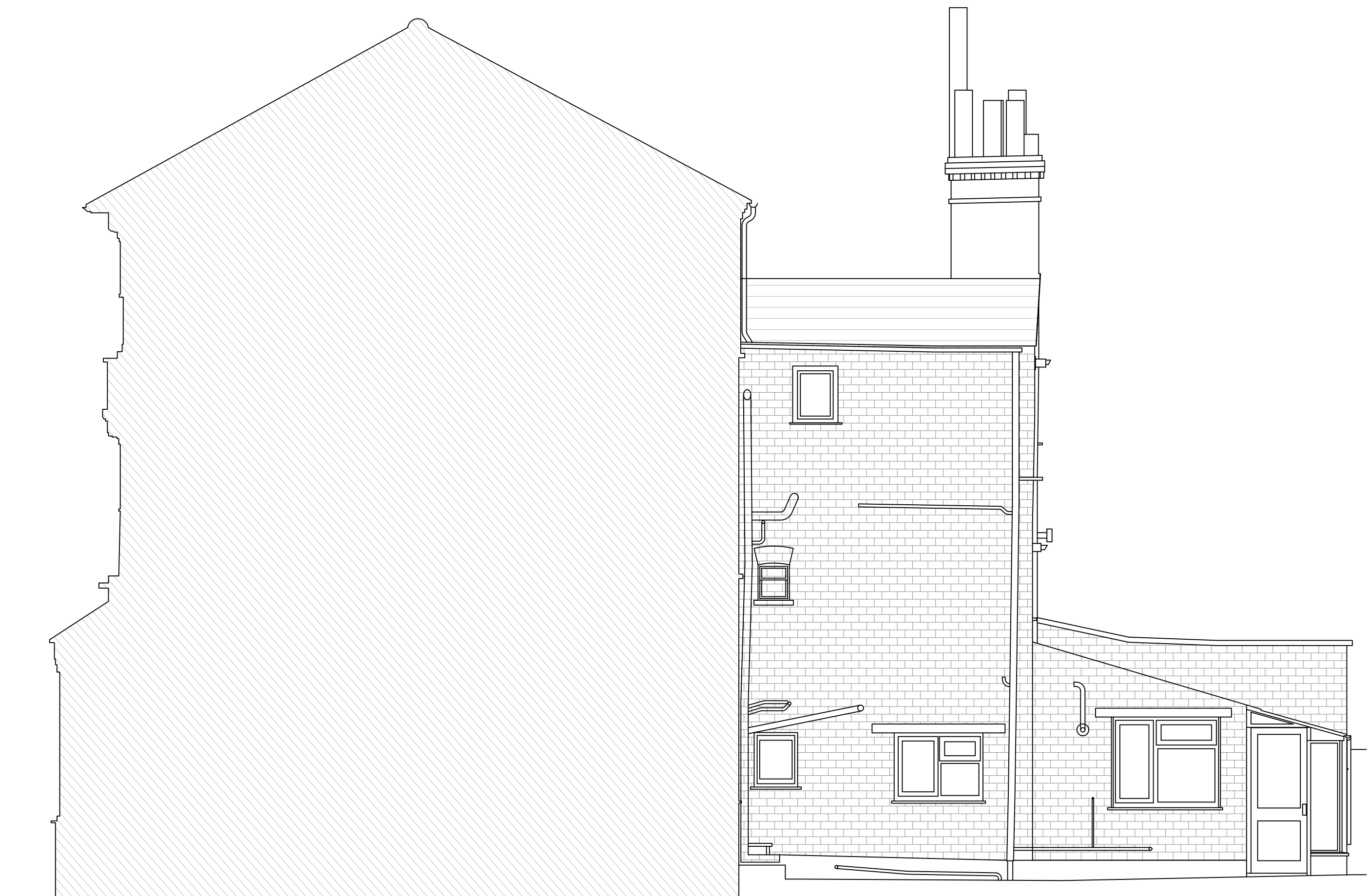
EXISTING GROUND FLOOR



EXISTING FRONT ELEVATION

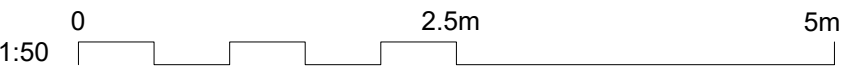


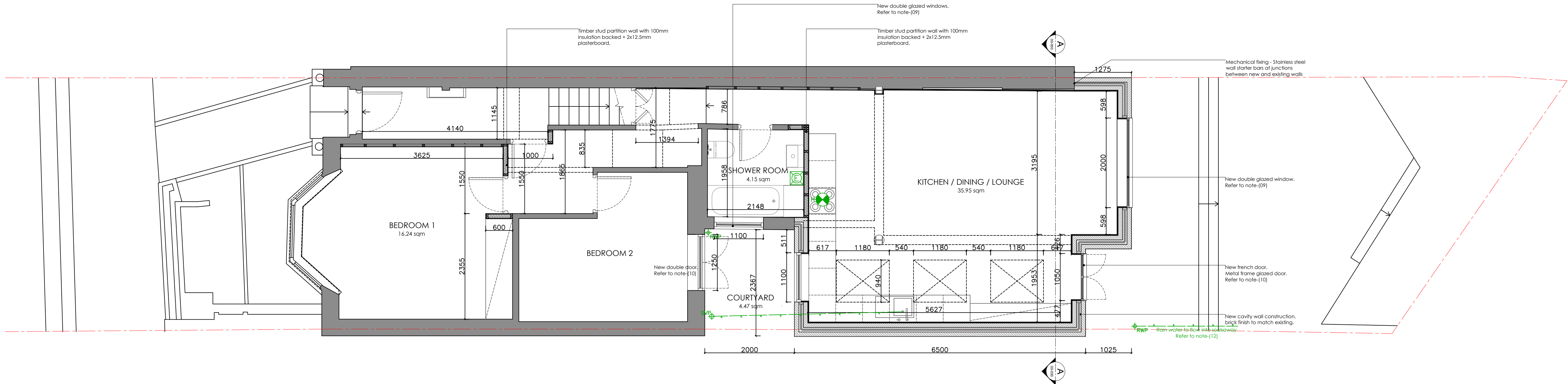
EXISTING REAR ELEVATION



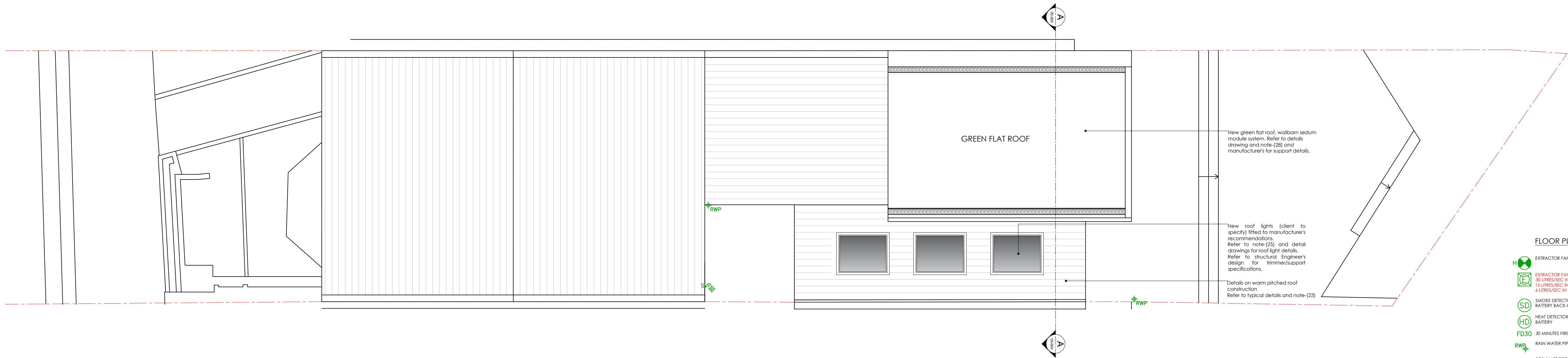
EXISTING RIGHT SIDE ELEVATION

DRAWING NO	DATE	DRAWING	PROJECT
15-001	27.11.24	BUILDING CONTROL EXISTING PLANS AND ELEVATIONS	15A SCARBOROUGH ROAD
DRAWN	SCALE		
MS	1:50 @ A1		



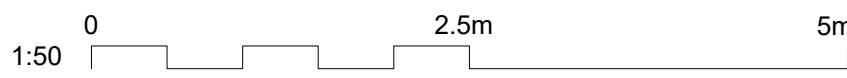


PROPOSED GROUND FLOOR



PROPOSED ROOF PLAN

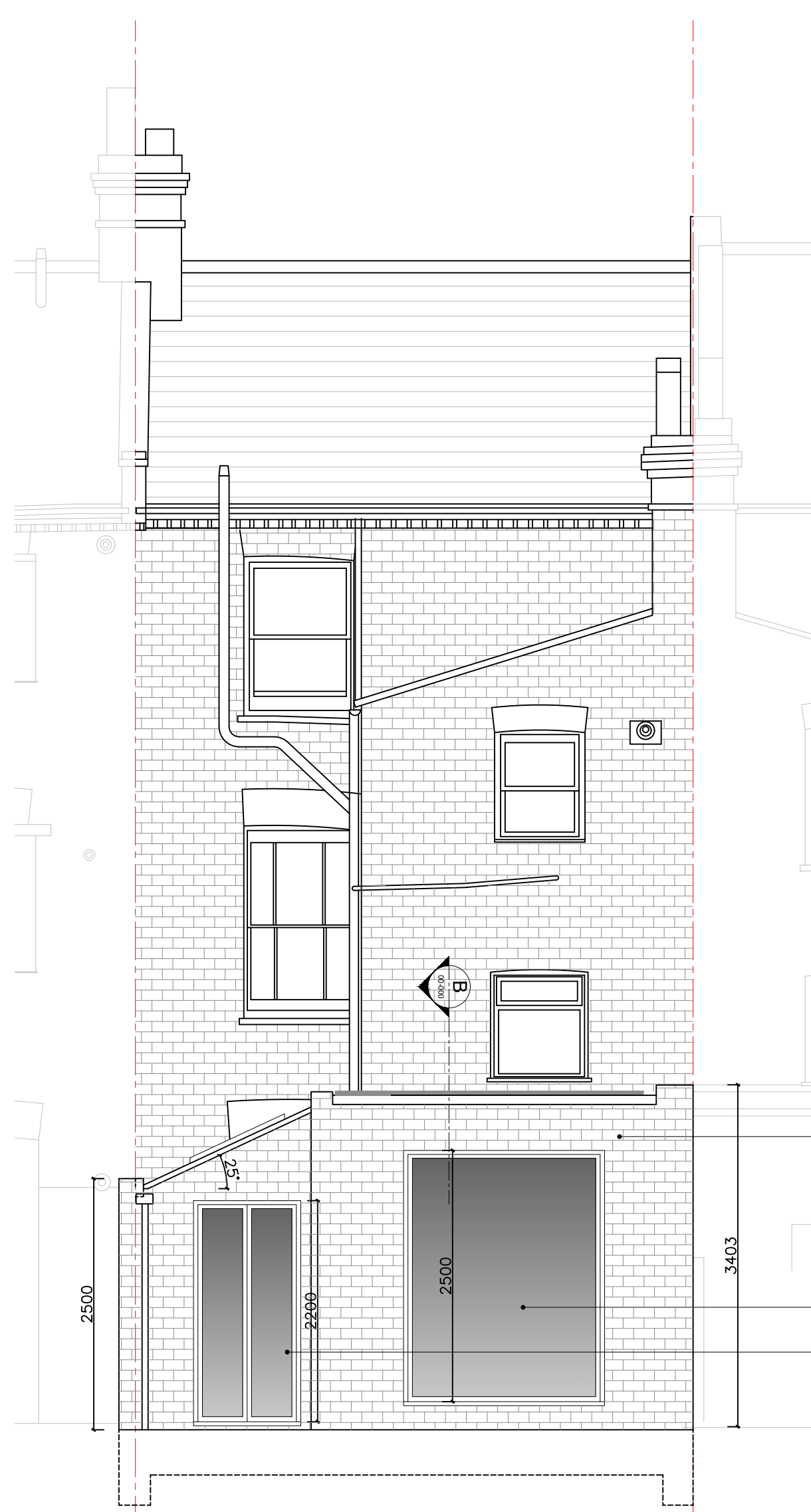
- FLOOR PLANS KEYS
- EXTRACTOR FAN - COOKER HOOD
 - EXTRACTOR FAN - WALL/CUBING MOUNTED 30 LITRES/SEC IN UTILITY/KITCHEN 15 LITRES/SEC IN BATHROOM 4 LITRES/SEC IN WC
 - SMOKE DETECTOR - MAINS OPERATED, BATTERY BACK-UP
 - HEAT DETECTOR - MAINS OPERATED, BATTERY
 - FD30 30 MINUTES FIRE RESISTANT
 - RAIN WATER PIPE
 - SOIL WAST PIPE (w.p. - Vent pipe, SS 3/4" stack, AAV - Air admittance valve)
 - PROPOSED WALL / BRICK WORK
 - PROPOSED WALL / BLOCK WORK
 - DEMOLISHED
 - INSULATION
 - INTERIOR WALL CONSTRUCTION
 - a. 12.5mm PLASTERBOARD
 - b. 90mm TIMBER STUD/FULLY FILL INSULATED CAVITY
 - c. 12.5mm PLASTERBOARD
 - NOTE: MOISTURE PLASTERBOARD OR CEMENT BOARD IN WET AREAS
 - EXTERNAL WALL CONSTRUCTION
 - a. 12.5mm PLASTERBOARD
 - b. 100 LIGHTWEIGHT BLOCKWORK
 - c. 90mm CAVITY/FULLY FILL INSULATED CAVITY
 - d. 102.5mm FACING BRICK OUTER LEAF TO MATCH EXISTING
 - NOTE: MOISTURE PLASTERBOARD OR CEMENT BOARD IN WET AREAS
 - EXTERNAL WALL CONSTRUCTION
 - a. 12.5mm PLASTERBOARD
 - b. 50mm TIMBER STUD/FULLY FILL INSULATED CAVITY
 - c. EXISTING WALL



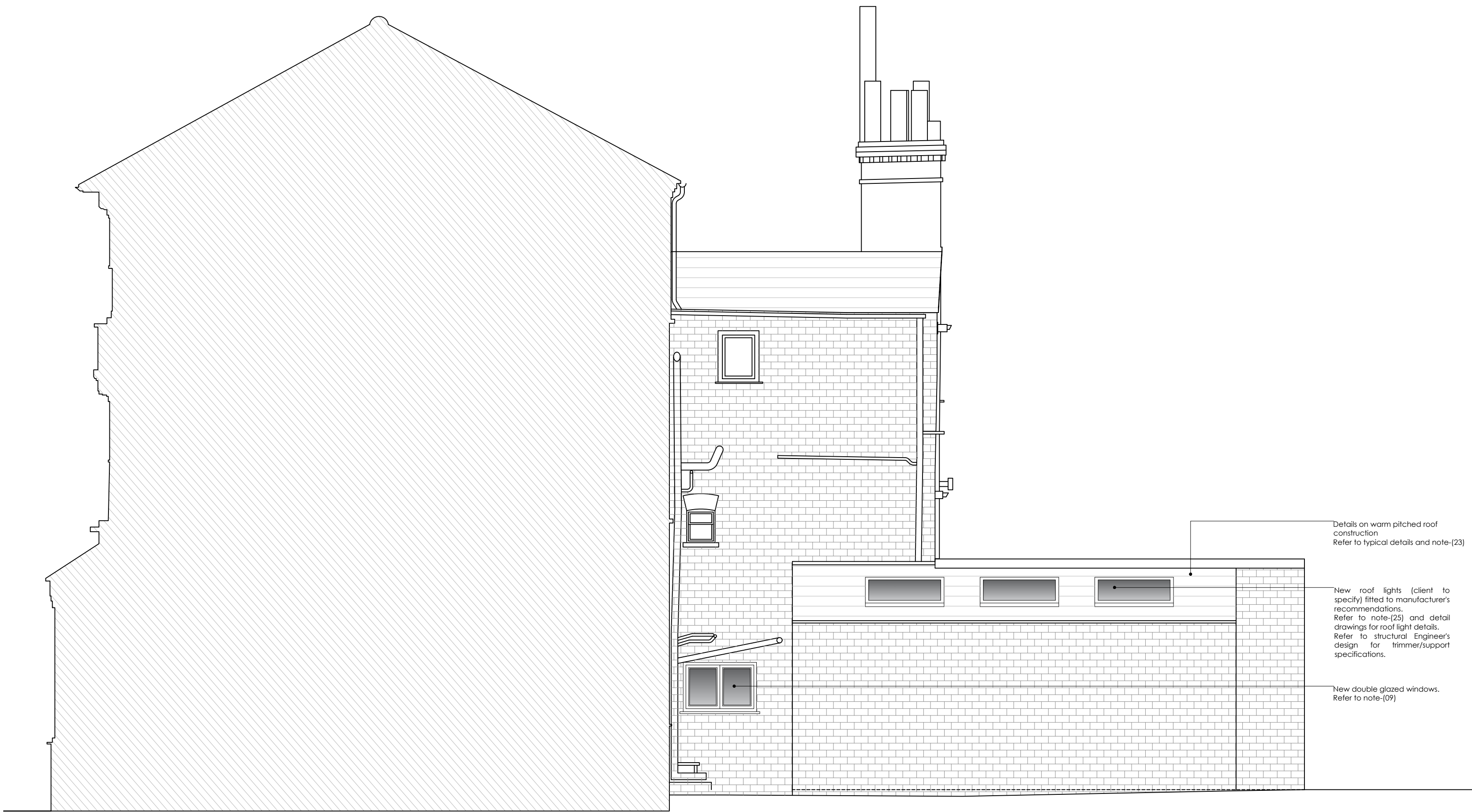
02 PROPOSED PLANS
SCALE 1:50 @ A1

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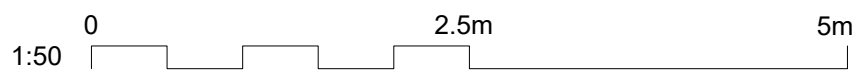
DRAWING NO	DATE	DRAWING	PROJECT
15-002	27.11.24	BUILDING CONTROL PROPOSED PLANS	15A SCARBOROUGH ROAD
DRAWN	SCALE		
MS	1:50 @ A1		



PROPOSED REAR ELEVATION



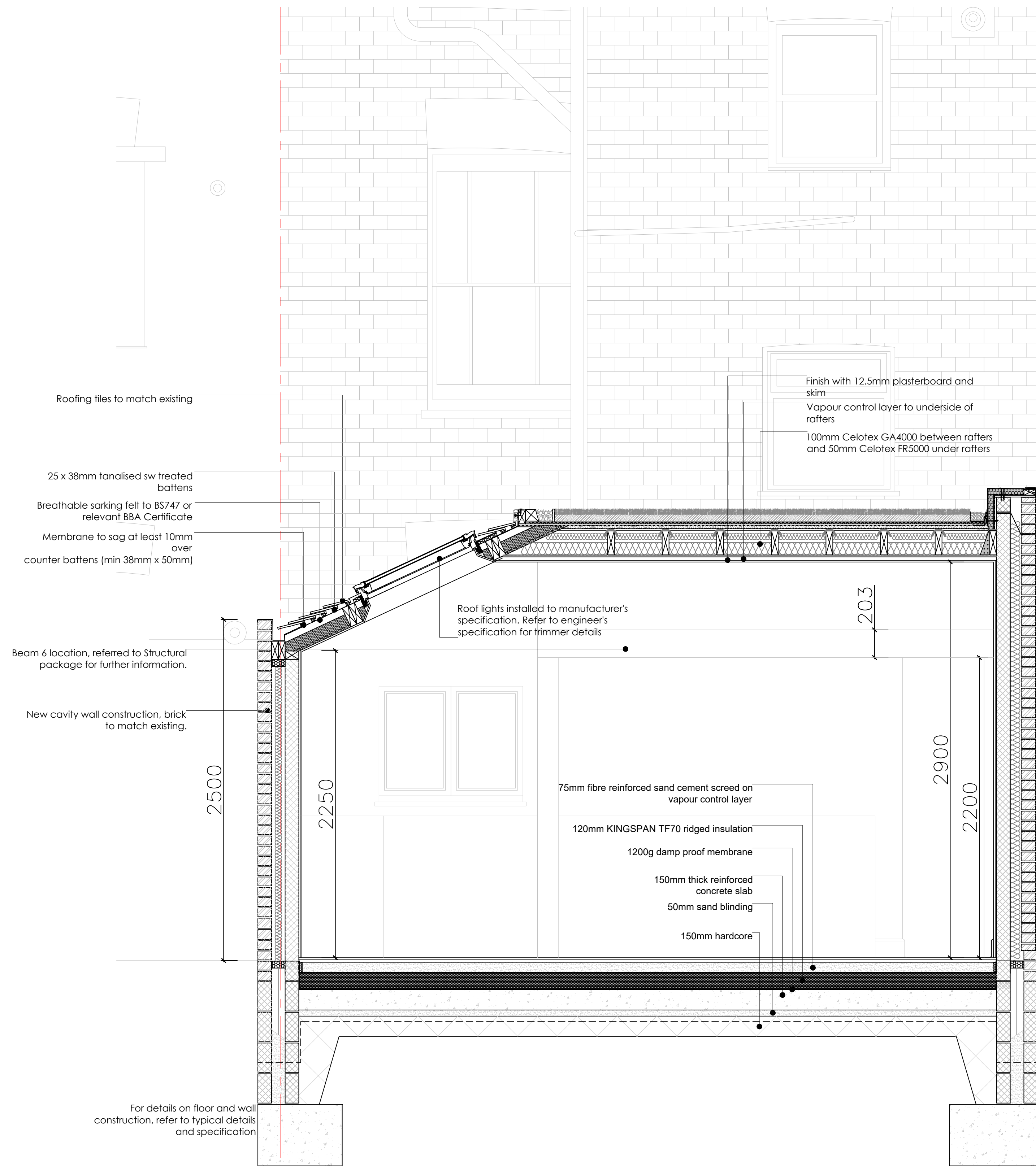
PROPOSED RIGHT SIDE ELEVATION



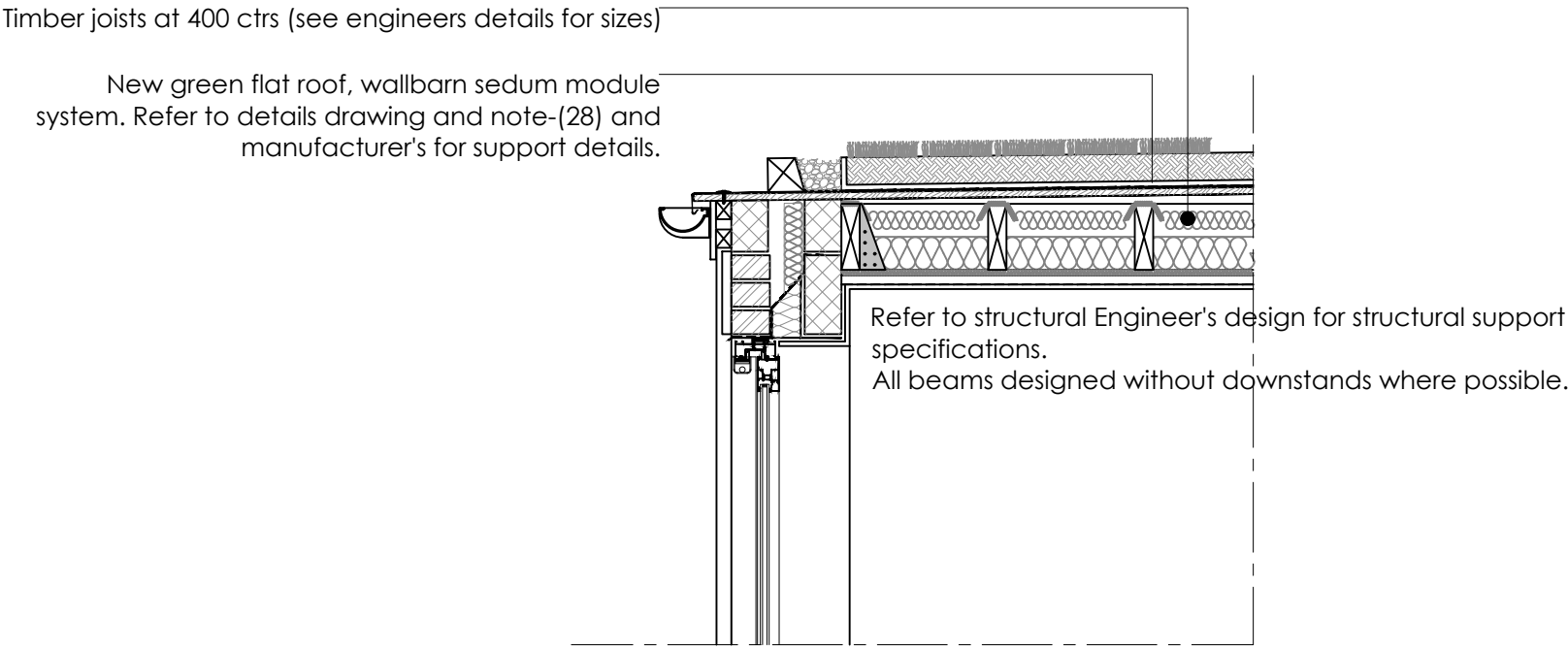
03 PROPOSED ELEVATIONS
SCALE 1:50 @ A1

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DRAWING NO	DATE	DRAWING	PROJECT
15-003	27.11.24	BUILDING CONTROL PROPOSED ELEVATIONS	15A SCARBOROUGH ROAD
DRAWN	SCALE		
MS	1:50 @ A1		

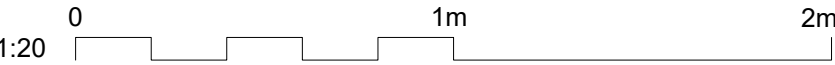


PROPOSED SECTION A

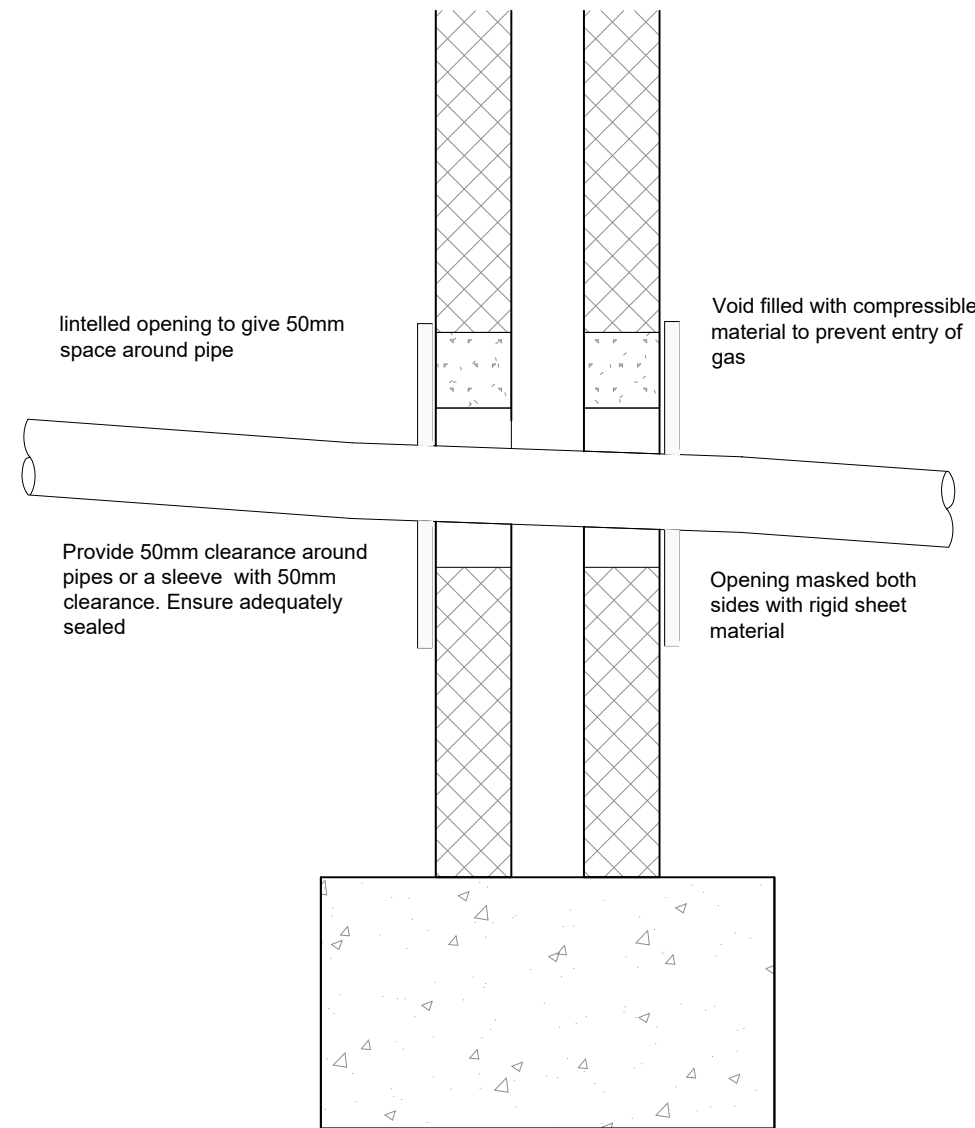


PROPOSED SECTION B

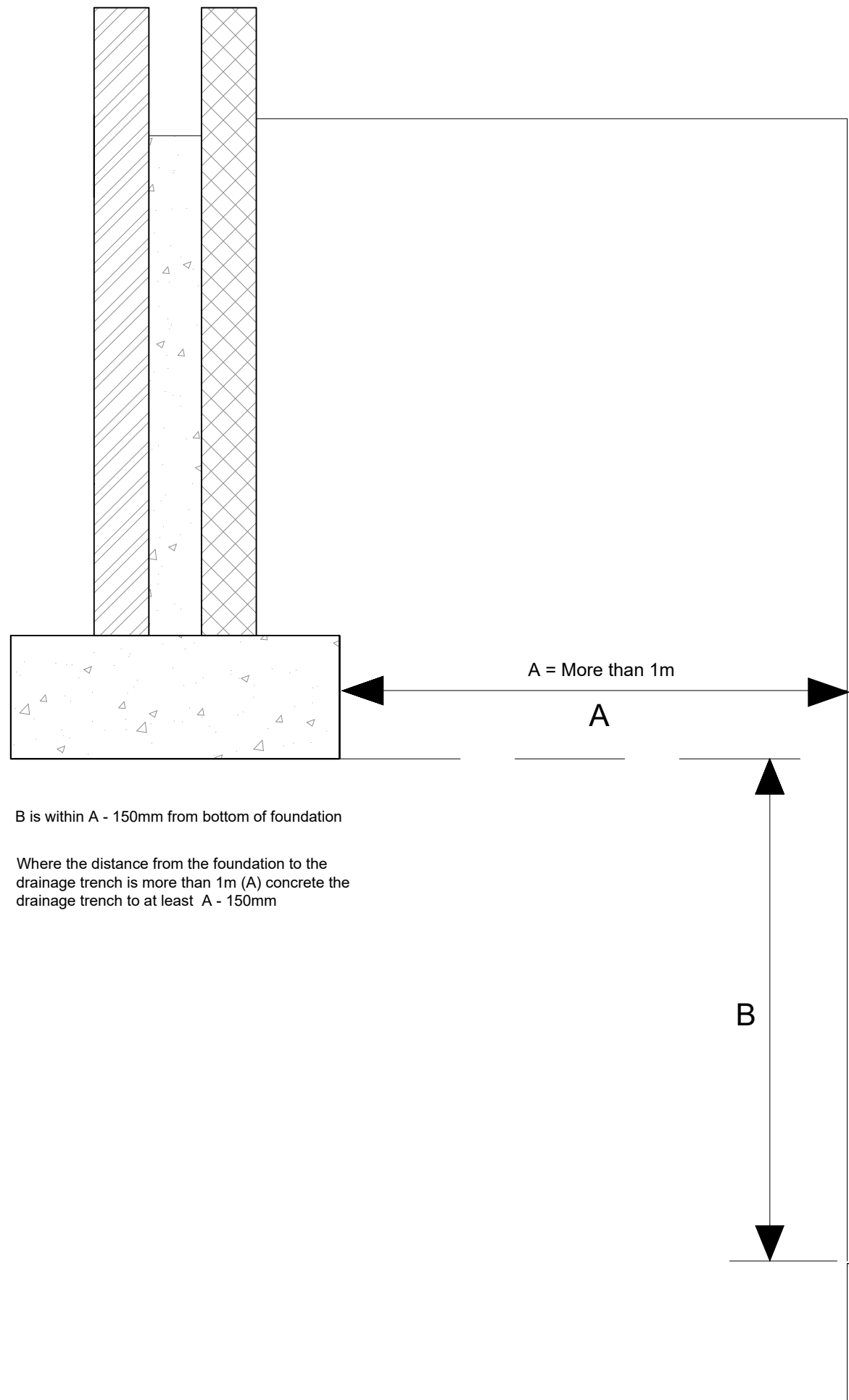
04 PROPOSED SECTION A AND B
SCALE 1:20 @ A1



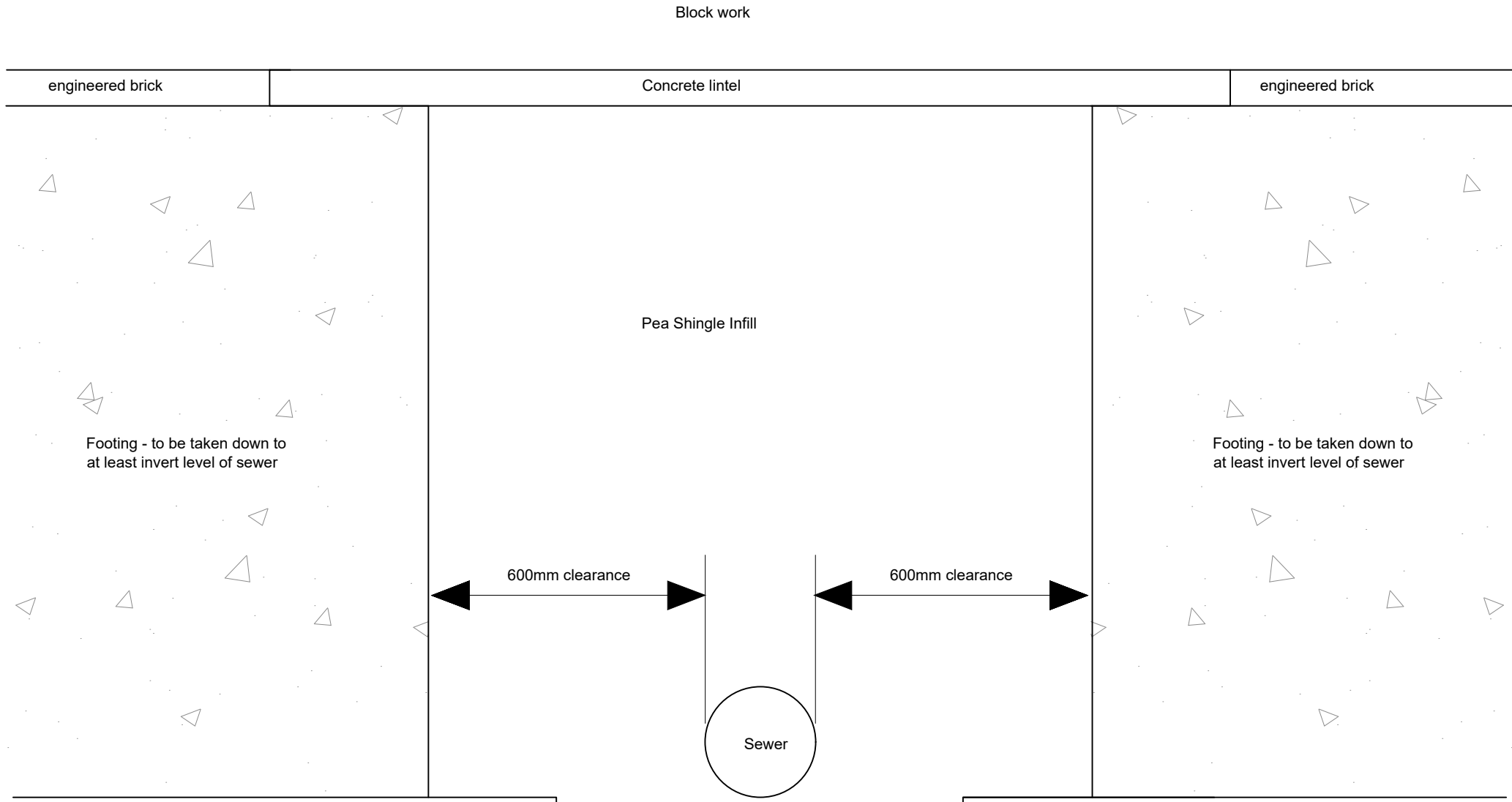
DRAWING NO	DATE	DRAWING	PROJECT
15-004	27.11.24	BUILDING CONTROL PROPOSED SECTION A AND B	15A SCARBOROUGH ROAD
DRAWN	SCALE		
MS	1:20 @ A1		



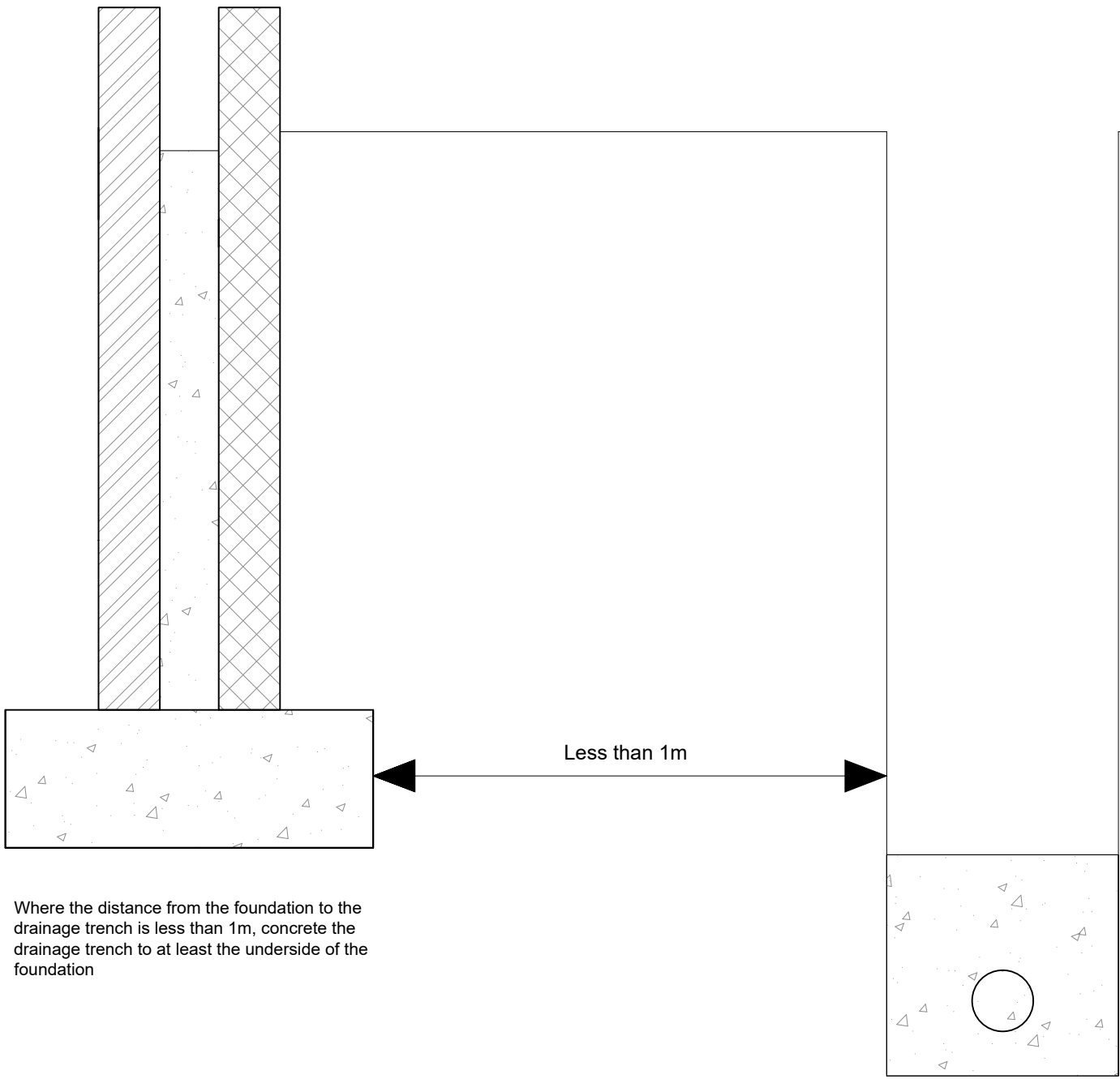
PIPES PASSING THROUGH
WALL (LINTEL)
(Scale 1:10)



FOUNDATIONS NEAR DRAINS



FOUNDATION/SEWER BRIDGE DETAIL



Topsoil back fill to required depth

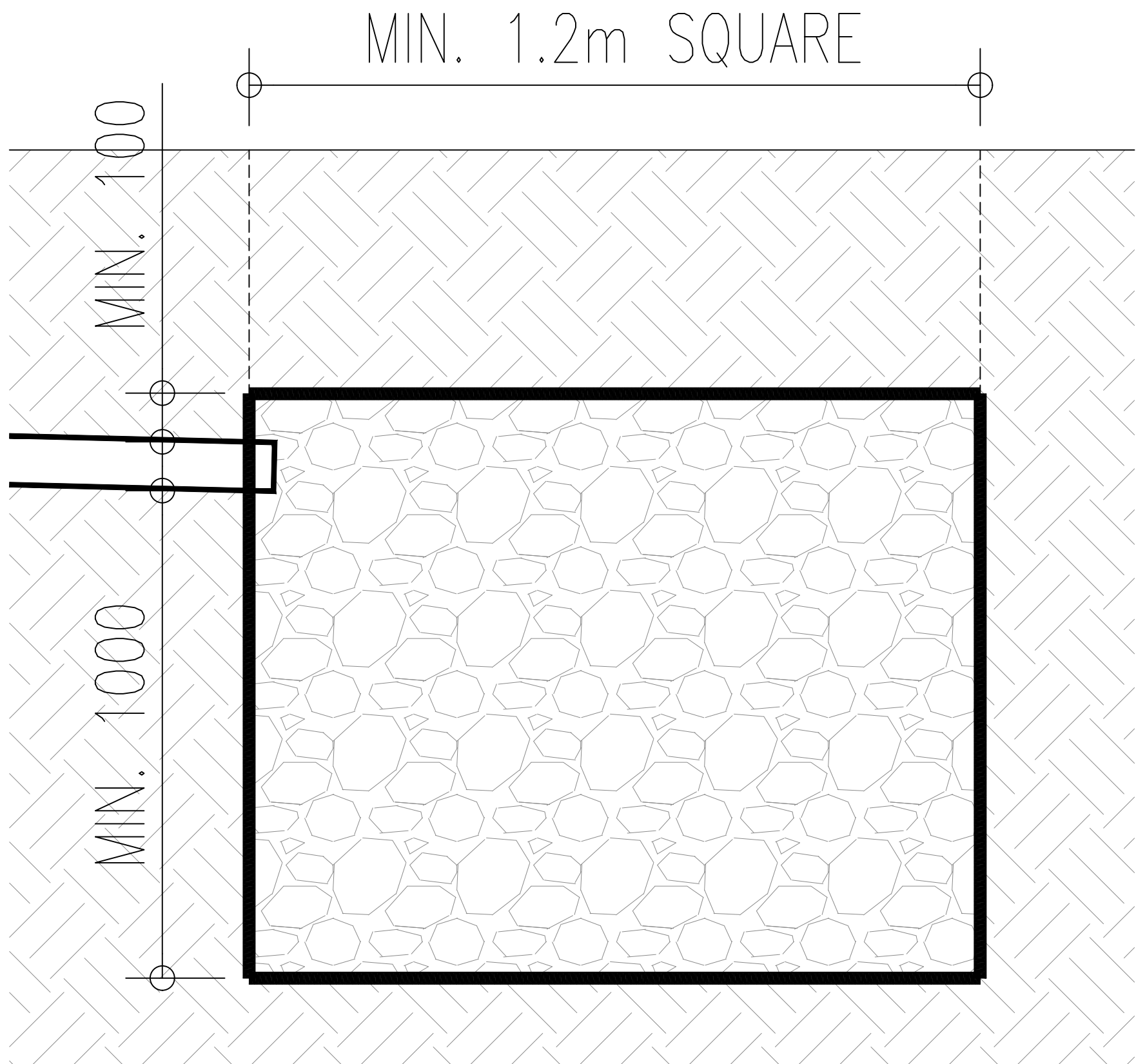
Pipe to enter soakaway at least 100mm below top of membrane

100mm Ø pipe laid to max 1:100 fall to soakaway

Geotextile membrane surround to coarse rubble infill to stop entrance of soil

Soakaway depth to be at least 1.0m below 100mm Ø outlet pipe

SOAKAWAY TO BE LOCATED AT LEAST 5.0m AWAY FROM ALL BUILDINGS



SOAKAWAY DETAIL
(SCALE 1:10)

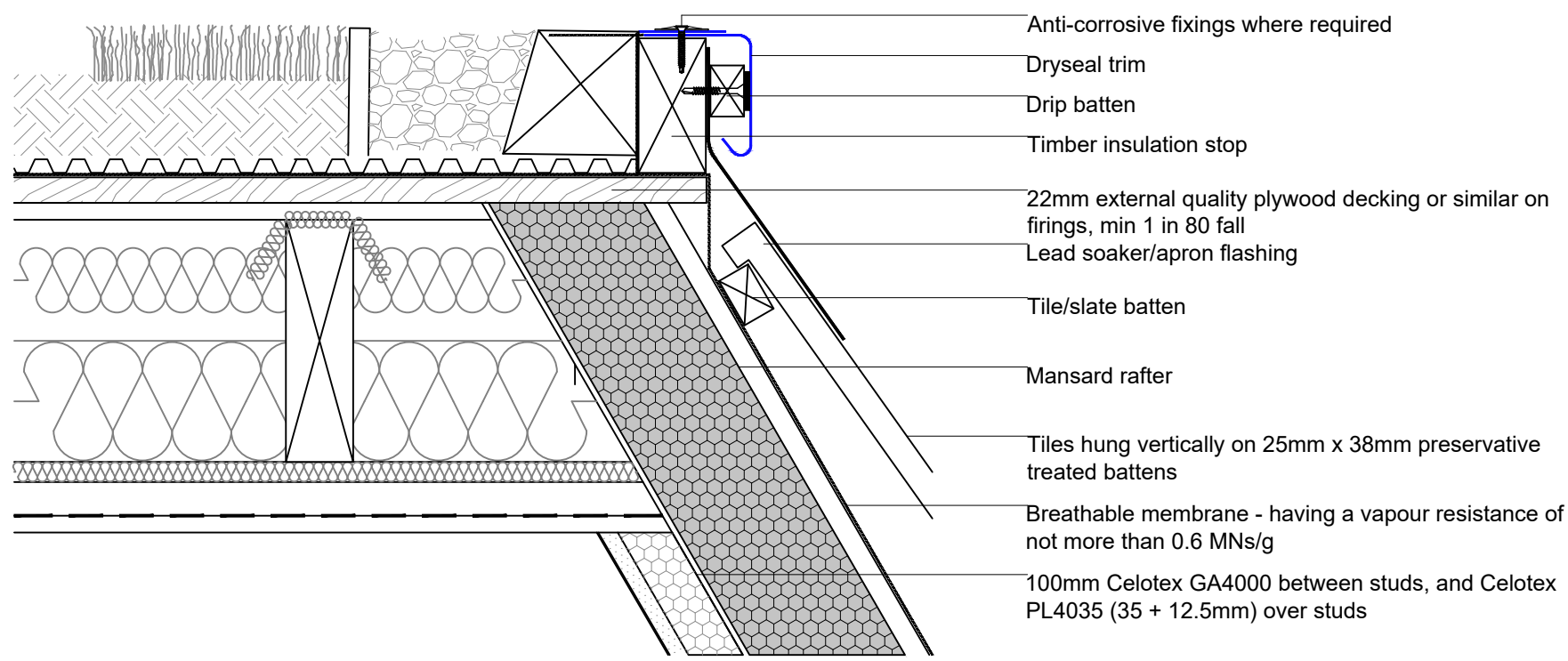
NOTES:

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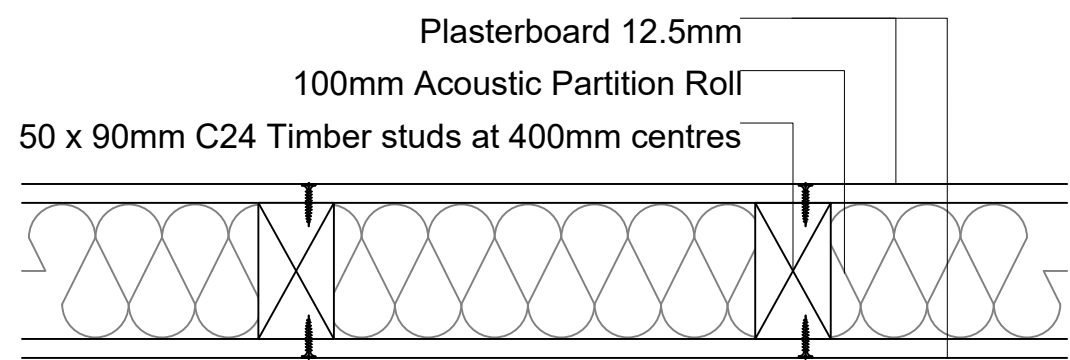
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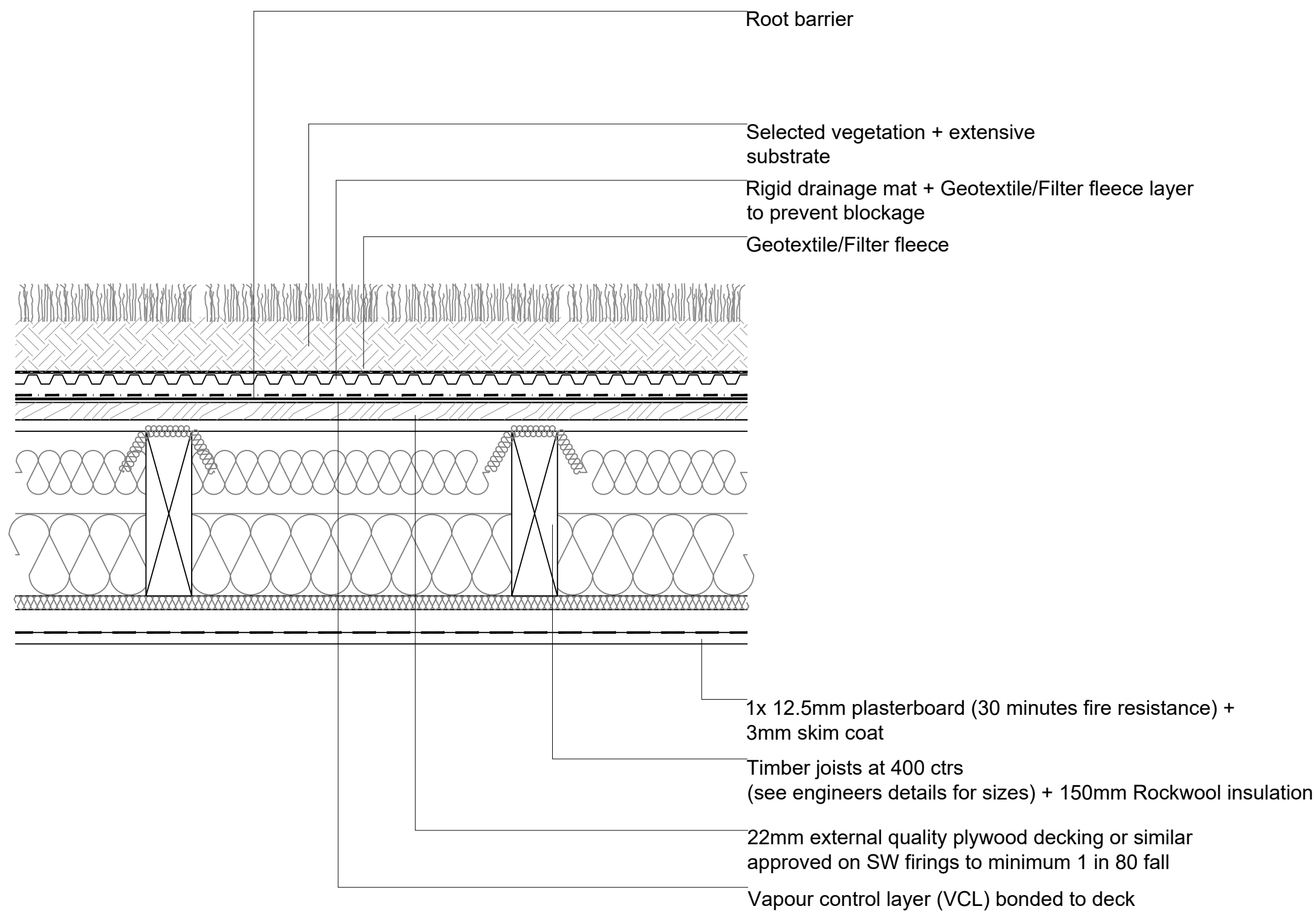
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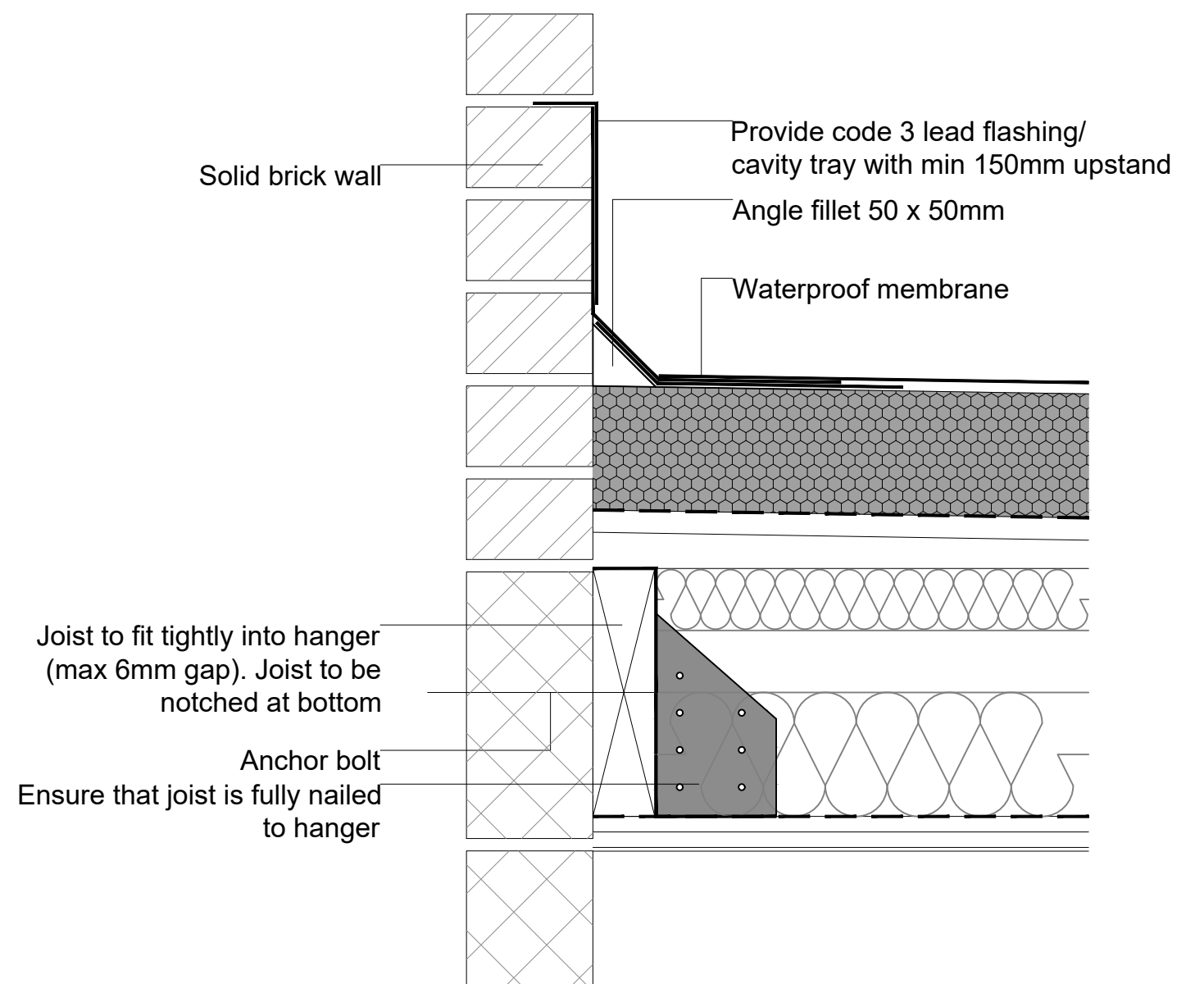
MANSARD EDGE DETAIL
Refer to Structural Engineer's design and specification
(Scale 1:5)



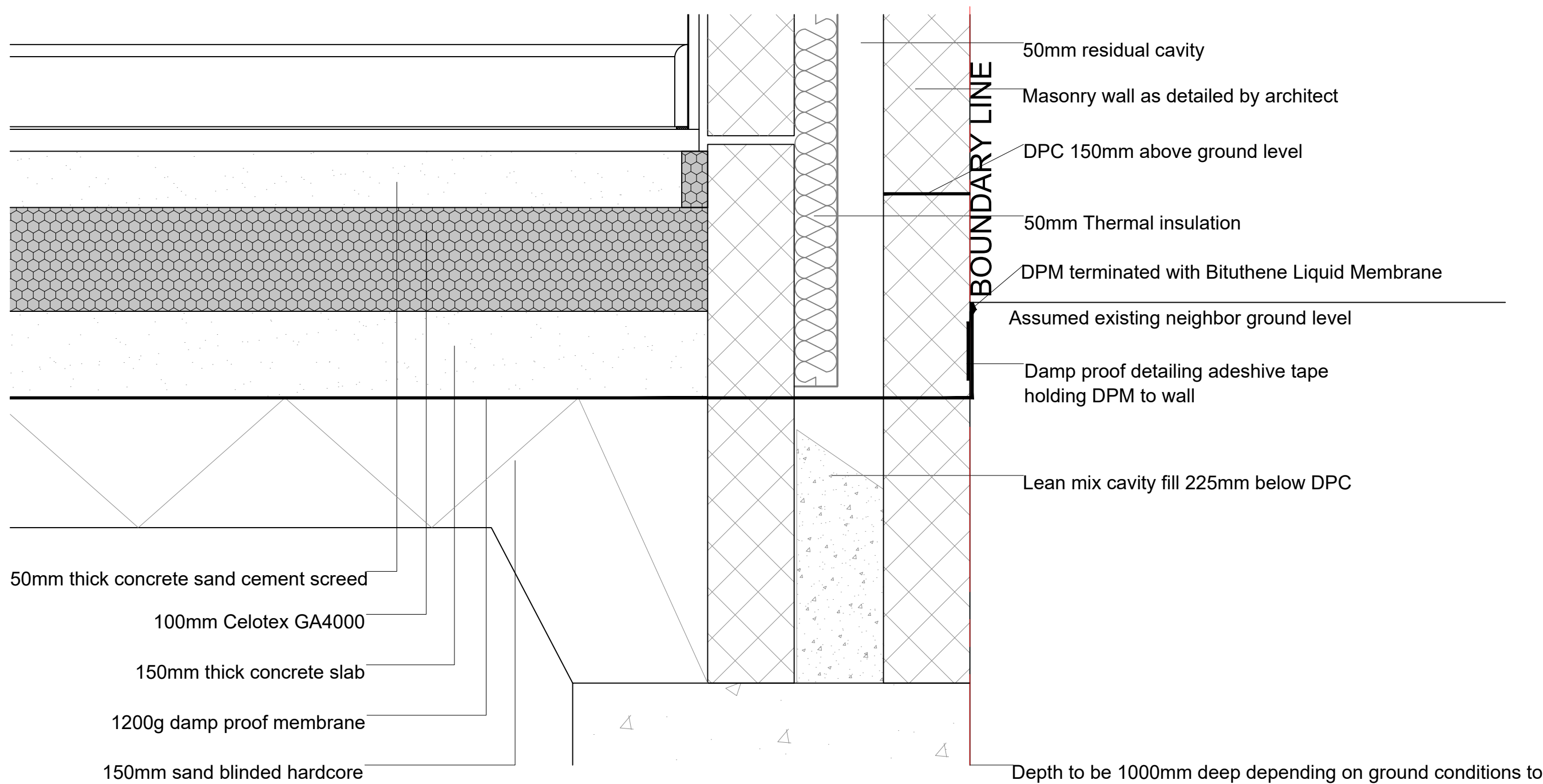
INTERNAL WALLS
(Scale 1:5)



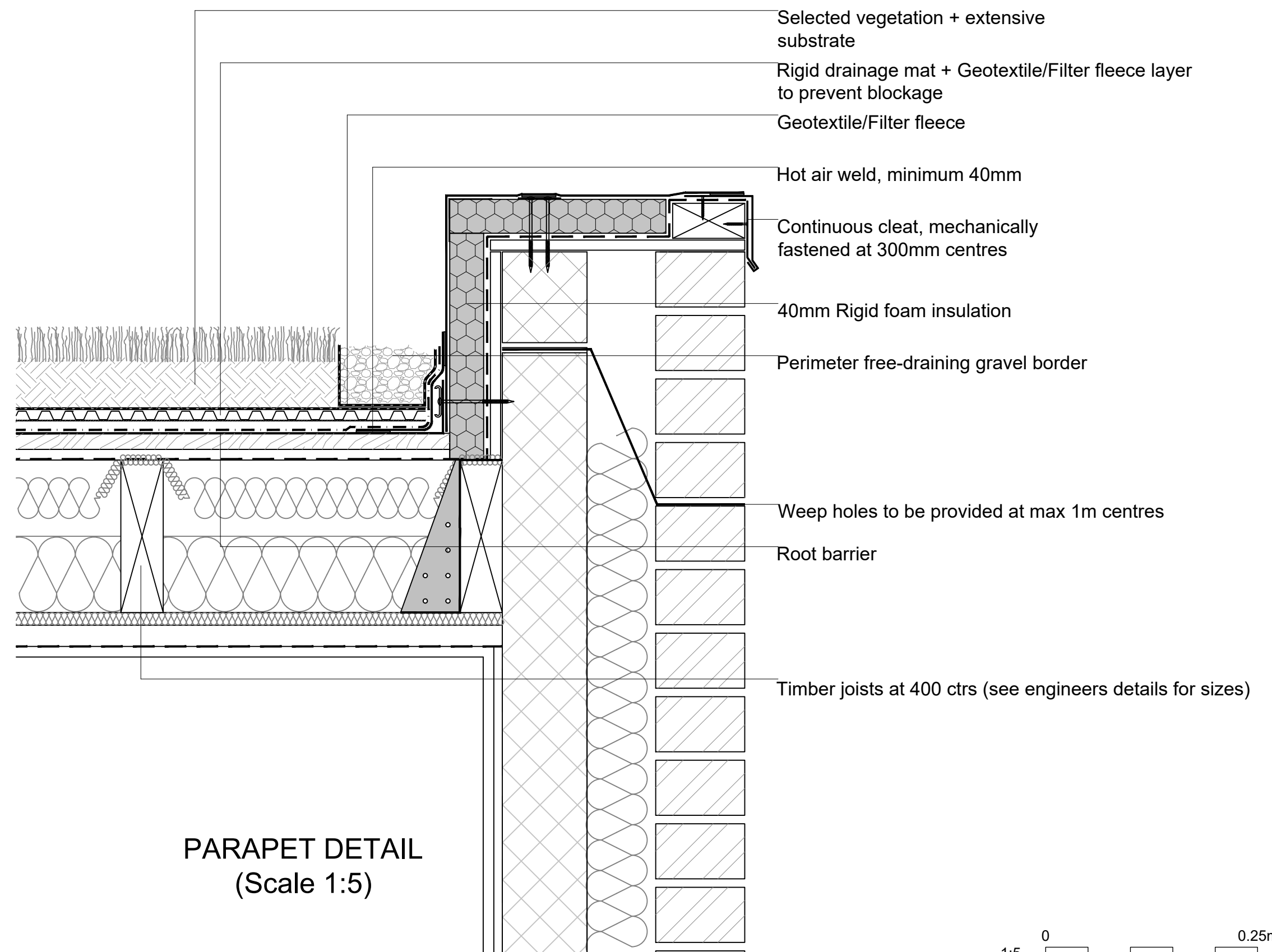
GREEN FLAT ROOF
(Scale 1:5)



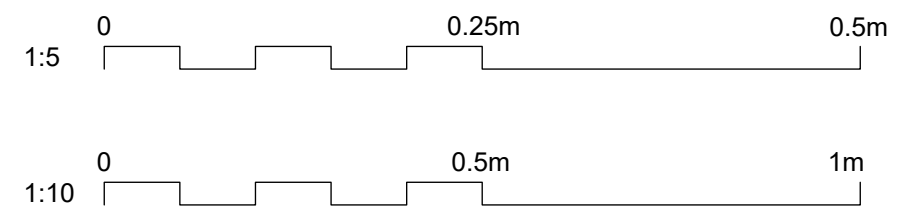
WARM FLAT ROOF - WALL ABUTMENT
(Scale 1:5)

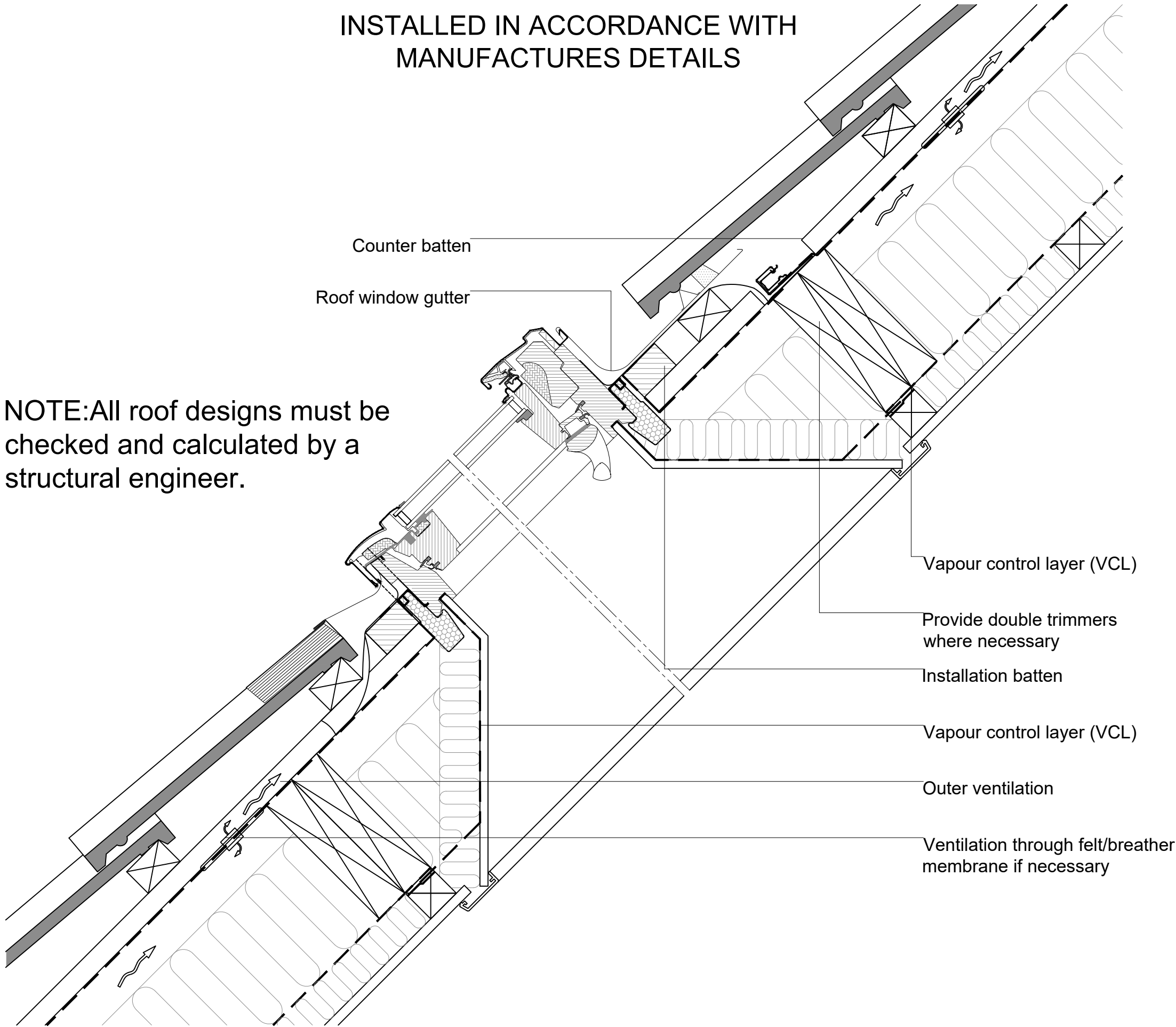


TRENCH FOUNDATION
(Scale 1:5)

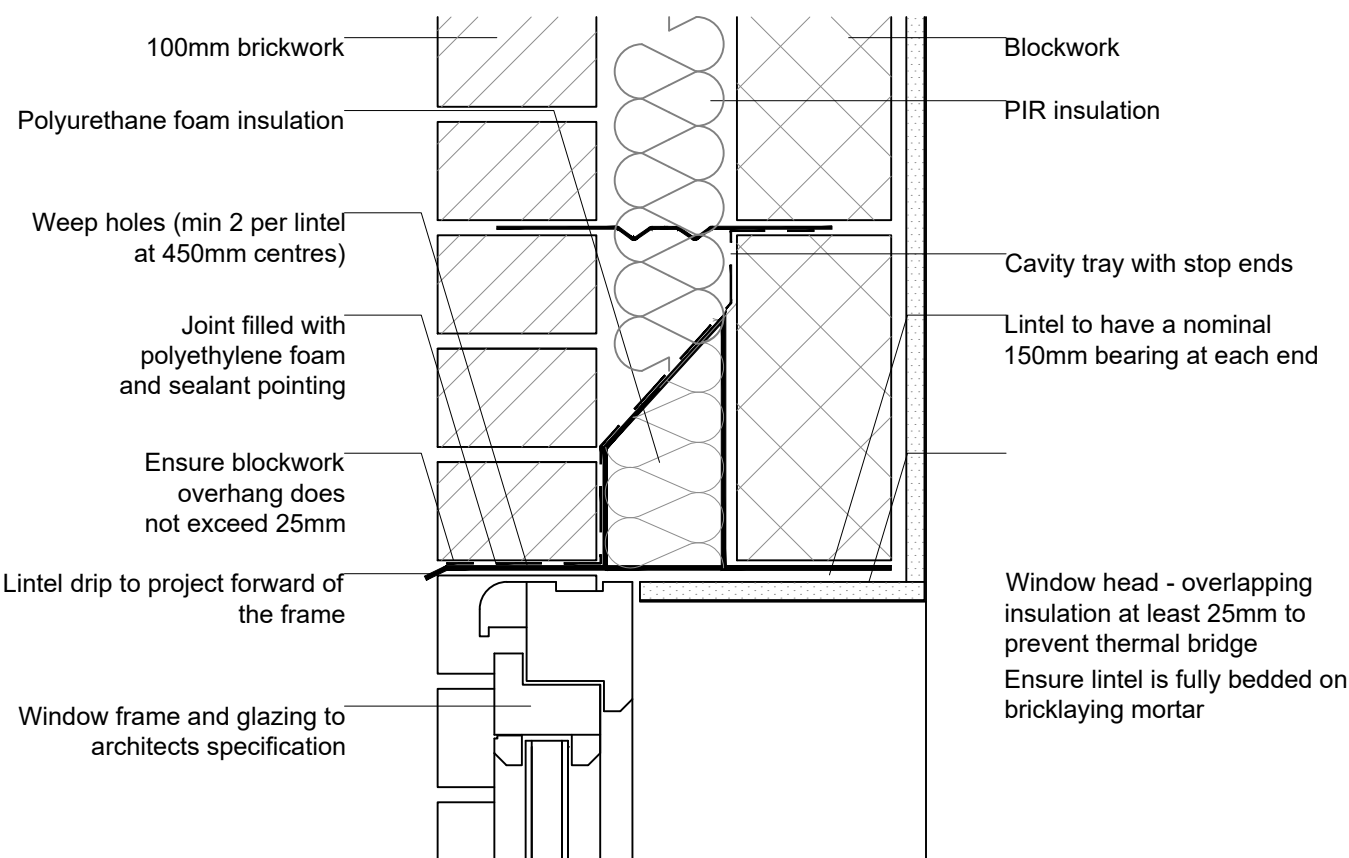


PARAPET DETAIL
(Scale 1:5)

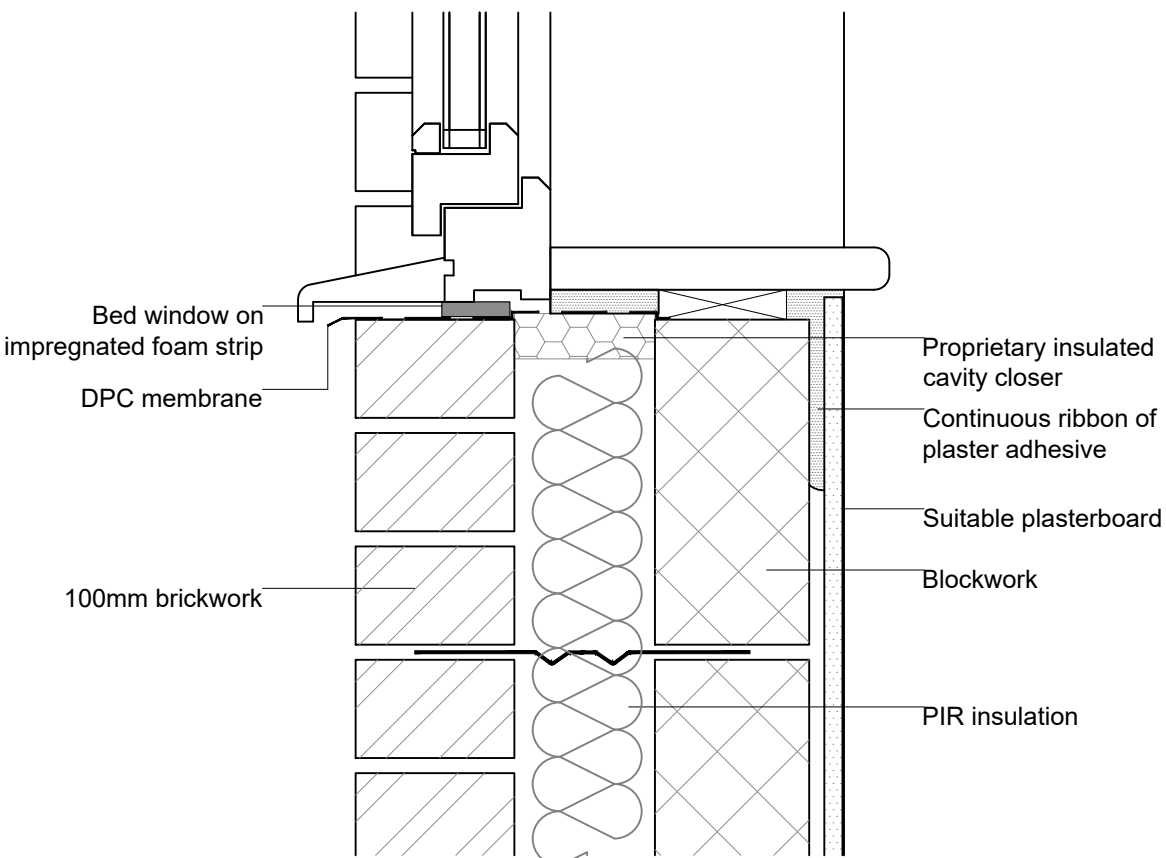




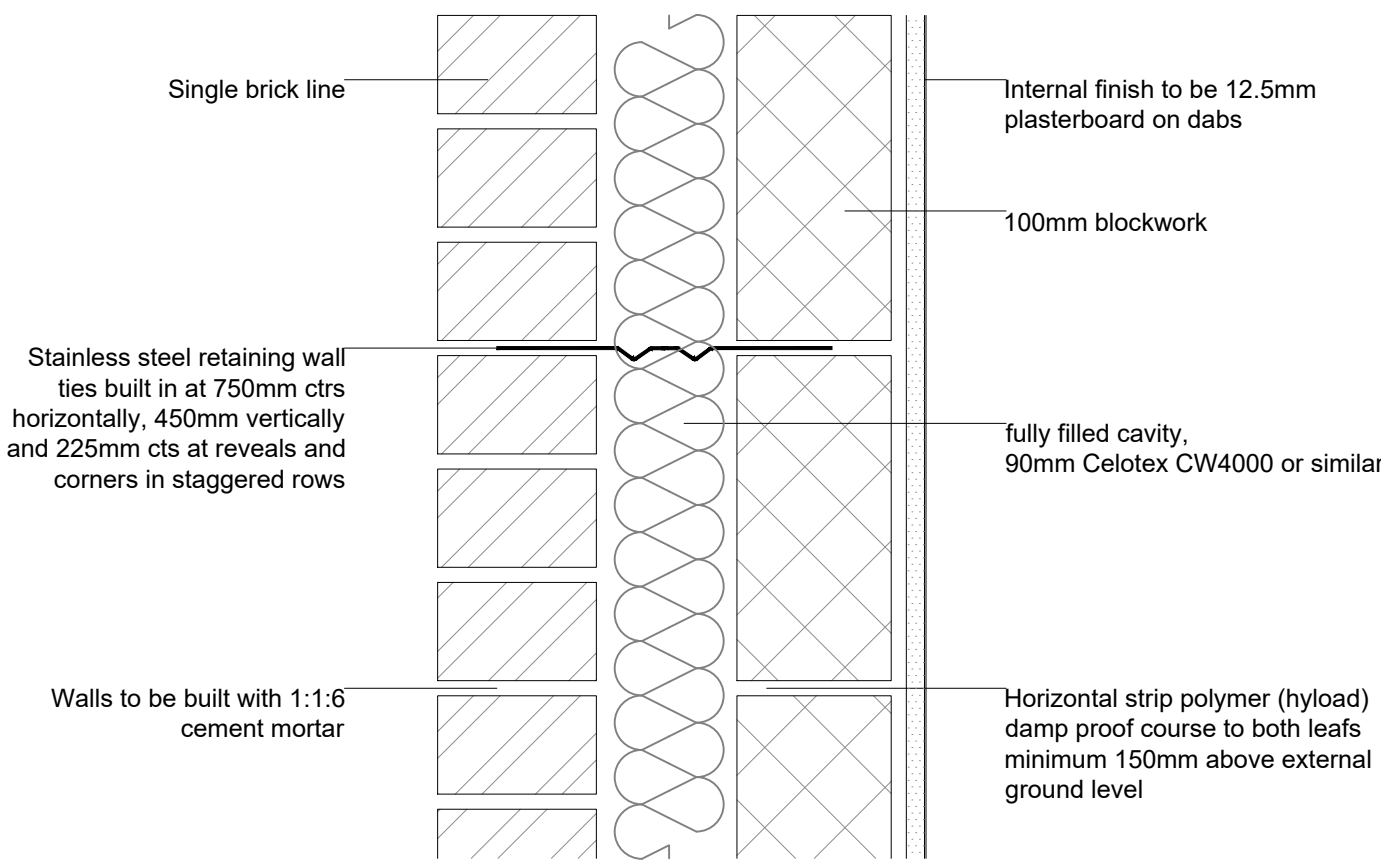
TYPICAL ROOF WINDOW
(Scale 1:5)



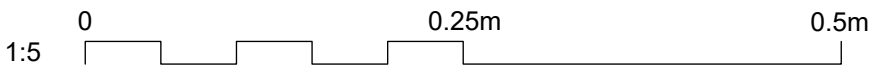
TYPICAL BRICK/BLOCKWORK WINDOW HEAD AND LINTEL
(Scale 1:5)



TYPICAL BRICK/BLOCKWORK WINDOW SILL
(Scale 1:5)



BRICK FILL CAVITY WALL
(Scale 1:5)



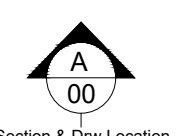
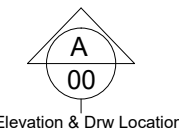
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DRAWING NO

15-007

DRAWN

MS

DATE

27.11.24

SCALE

AS SHOWN @ A1

DRAWING

BUILDING CONTROL
PROPOSED DETAILS

PROJECT

15A SCARBOROUGH ROAD

GENERAL NOTES

The CDM Regulations 2015 are applicable for all domestic and nondomestic projects.

Under the CDM Regulations the Client has certain responsibilities, including the appointment of the Principal Contractor and a Principal Designer where more than one contractor is involved. A construction phase plan should be provided for all contracts and a health and safety file should be provided for projects where more than one contractor is involved.

The Client has a responsibility to notify the HSE where aby project is scheduled to take more than 30 working days, have more than 20 workers working simultaneously or exceed 500 person days.

MATERIALS AND WORKMANSHIP

All works are to be carried out in a workmanlike manner. All materials and workmanship must comply with Regulation 7 of the Building Regulations, all relevant British Standards, European Standards, Agreement Certificates, Product Certification of Schemes (Kite Marks) etc. Products conforming to a European technical standard or harmonised European product should have a CE marking.

SITE PREPARATION

Ground to be prepared for new works by removing all unsuitable material, vegetable matter and tree or shrub roots to a suitable depth to prevent future growth. Seal up, cap off, disconnect and remove existing redundant services as necessary. Reasonable precautions must also be taken to avoid danger to health and safety caused by contaminants and ground gases e.g. landfill gases, radon, vapours etc. on or in the ground covered, or to be covered by the building.

Asbestos may be present in older buildings. Asbestos should be dealt with in accordance with the Control of Asbestos Regulations. If major refurbishment work is being carried out then a demolition/refurbishment survey should be undertaken.

BUILDING REGULATIONS NOTES

(1)-CAVITIES

Provide cavity trays over openings. All cavities to be closed at eaves and around openings using Thermabate or similar non combustible insulated cavity closers. Provide vertical DPCs around openings and abutments. All cavity trays must have 150mm upstands and suitable cavity weep holes (min 2) at max 900mm centres.

(2)-EXISTING TO NEW WALL

Cavities in new wall to be made continuous with existing where possible to ensure continuous weather break. If a continuous cavity cannot be achieved, where new walls abuts the existing walls provide a movement joint with vertical DPC. All tied into existing construction with suitable proprietary stainless steel profiles.

(3)-BEAMS

Supply and install new structural elements such as new beams, roof structure, floor structure, bearings, and padstones in accordance with the Structural Engineer's calculations and details. New steel beams to be encased in 12.5mm Gyproc FireLine board with staggered joints, Gyproc FireCase or painted in Nullifire S or similar intumescent paint to provide 1/2 hour fire resistance as agreed with Building Control. All fire protection to be installed as detailed by specialist manufacturer.

(4)-ELECTRICAL

All electrical work required to meet the requirements of Part P (electrical safety) must be designed, installed, inspected and tested by a competent person registered under a competent person self certification scheme such as BRE certification Ltd, BSI, NICEIC Certification Services or Zurich Ltd. An appropriate BS7671 Electrical Installation Certificate is to be issued for the work by a person competent to do so. A copy of a certificate will be given to Building Control on completion.

(5)-INTERNAL LIGHTING

Install low energy light fittings that only take lamps having a luminous efficiency greater than 45 lumens per circuit watt and a total output greater than 400 lamp lumens. Not less than three energy efficient light fittings per four of all the light fittings in the main dwelling spaces to comply with Part L of the current Building Regulations and the Domestic Building Services Compliance Guide.

(6)-HEATING

Extend all heating and hot water services from existing and provide new TVRs to radiators. Heating system to be designed, installed, tested and fully certified by a GAS SAFE registered specialist. All work to be in accordance with the Local Water Authorities bye laws, the Gas Safety (Installation and Use) Regulations 1998 and IEE Regulations.

(7)-SMOKE DETECTION

Mains operated linked smoke alarm detection system to BS EN 14604 and BS5839-6:2004 to at least a Grade D category LD3 standard and to be mains powered with battery back up. Smoke alarms should be sited so that there is a smoke alarm in the circulation space on all levels/ storeys and within 7.5m of the door to every habitable room. If ceiling mounted they should be 300mm from the walls and light fittings. Where the kitchen area is not separated from the stairway or circulation space by a door, there should be an interlinked heat detector in the kitchen.

(8)-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.

(9)-NEW AND REPLACEMENT WINDOWS

New and replacement windows to be double glazed with 16mm argon gap and soft coat low-E glass. Window Energy Rating to be Band C or better and to achieve U-value of 1.3 W/m²K. The door and window openings should be limited to 25% of the extension floor area plus the area of any existing openings covered by the extension.

(10)-NEW AND REPLACEMENT DOORS

New and replacement doors to achieve a U-Value of 1.80W/m²K. Glazed areas to be double glazed with 16mm argon gap and soft low-E glass. Glass 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.

(11)-BACKGROUND AND PURGE VENTILATION

Background ventilation - Controllable background ventilation via trickle vents to BS EN 13141-3 within the window frame to be provided to new habitable rooms at a rate of min 5000mm²; and to kitchens, bathrooms, WCs and utility rooms at a rate of 2500mm²

Purge ventilation - New Windows/rooflights to have openable area in excess of 1/20th of their floor area, if the window opens more than 30° or 1/10th of their floor area if the window opens less than 30°

Internal doors should be provided with a 10mm gap below the door to aid air circulation. Ventilation provision in accordance with the Domestic Ventilation Compliance Guide.

Kitchen to have mechanical ventilation with an extract rating of 60l/sec or 30l/sec if adjacent to hob to external air, sealed to prevent entry of moisture. Internal doors should be provided with a 10mm gap below the door to aid air circulation. Ventilation provision in accordance with the Domestic Ventilation Compliance Guide. Intermittent extract fans to BS EN 13141-4. Cooker hoods to BS EN 13141-3. All fixed mechanical ventilation systems, where they can be tested and adjusted, shall be commissioned and a commissioning notice given to the Building Control Body.

(12)-RAINWATER DRAINAGE

New rainwater goods to be new 110mm UPVC half round gutters taken and connected into 68mm dia UPVC downpipes. Rainwater taken to new plastic soakaway, situated a min distance of 5.0m away from any building, via 110mm dia UPVC pipes surrounded in 150mm granular fill. Soakaway to be min of 1 cubic metre capacity (or to depth to Local Authorities approval) with geotextile surround to prevent migration of fines. If necessary carry out a porosity test to determine design and depth of soakaway.

(13)-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.

Underground quality proprietary UPVC 450mm diameter inspection chambers to be provided at all changes of level, direction, connections and every 45m in straight runs. Inspection chambers to have bolt down double sealed covers in buildings and be adequate for vehicle loads in driveways.

(14)-SOIL AND VENT PIPE

Svp to be extended up in 110mm dia UPVC and to terminate min 900mm above any openings within 3m. Provide a long radius bend at foot of SVP.

(15)-UNDERGROUND FOUL DRAINAGE

Underground drainage to consist of 100mm diameter UPVC proprietary pipe work to give a 1:40 fall. Surround pipes in 100mm pea shingle. Provide 600mm suitable cover (900mm under drives). Shallow pipes to be covered with 100mm reinforced concrete slab over compressible material. Provide rodding access at all changes of direction and junctions. All below ground drainage to comply with BS EN 1401-1: 2009.

(16)-INTERNAL STUD PARTITIONS

90mm x 50mm softwood treated timbers studs at 400mm ctrs with 50 x 90mm head and sole plates and solid intermediate horizontal noggins at 1/3 height or 450mm. Provide min 10kg/m³ density acoustic soundproof quilt tightly packed (eg. 100mm Rockwool or Isowool mineral fibre sound insulation) in all voids the full depth of the stud. Partitions built off doubled up joists where partitions run parallel or provide noggins where at right angles, or built off DPC on thickened concrete slab if solid ground floor. Walls faced throughout with 12.5mm plaster board with skim plaster finish. Taped and jointed complete with beads and stops.

Note: Timber studs sizes according as project.

(17)-LINTELS

For uniformly distributed loads and standard 2 storey domestic loadings only

Lintel widths are to be equal to wall thickness. All lintels over 750mm sized internal door openings to be 65mm deep pre-stressed concrete plank lintels. 150mm deep lintels are to be used for 900mm sized internal door openings. Lintels to have a minimum bearing of 150mm on each end. Any existing lintels carrying additional loads are to be exposed for inspection at commencement of work on site. All pre-stressed concrete lintels to be designed and manufactured in accordance with BS 8110, with a concrete strength of 50 or 40 N/mm² and incorporating steel strands to BS 5896 to support loadings assessed to BS 5977 Part 1.

For other structural openings provide proprietary insulated steel lintels suitable for spans and loadings in compliance with Approved Document A and lintel manufactures standard tables. Stop ends, DPC trays and weep holes to be provided above all externally located lintels.

(18)-DPC

Provide horizontal strip polymer (hylod) damp proof course to both internal and external skins minimum 150mm above external ground level. New DPC to be made continuous with existing DPC's and with floor DPM. Vertical DPC to be installed at all reveals where cavity is closed.

(19)-WALL TIES

All walls constructed using stainless steel vertical twist type retaining wall ties built in at 750mm ctrs horizontally, 450mm vertically and 225mm ctrs at reveals and corners in staggered rows. Wall ties to be suitable for cavity width and in accordance with BS 5628-6.1: 1996 and BS EN 845-1: 2003

(20)-BRICK PARTIAL FILL CAVITY WALL

To achieve minimum U Value of 0.28W/m²K Provide 103mm facing brick to match existing construction. Ensure a 90mm clear residual cavity and provide 45mm Kingspan Thermawall TW50 or 45mm Kooltherm K8 insulation fixed to 100mm lightweight blockwork, K value 0.11 (Celcon solar, Thermalite turbo, Toplite GTI, Supablock). Internal finish to be 12.5mm plasterboard on dabs with a plaster skim. Walls to be built with 1:1:6 cement mortar.

(21)-PIPEWORK THROUGH WALLS

Where new pipework passes through external walls form rocker joints either side wall face of max length 600mm with flexible joints with short length of pipe bedded in wall. Alternatively provide 75mm deep pre-cast concrete plank lintels over drain to form opening in wall to give 50mm space all round pipe: mask opening both sides with rigid sheet material and compressible sealant to prevent entry of fill or vermin.

(22)-LEAD WORK AND FLASHINGS

All lead flashings, any valleys or soakers to be Code 3 lead and laid according to Lead Development Association. Flashings to be provided to all jams and below window openings with welded upstands. Joints to be lapped min 150mm and lead to be dressed 200mm under tiles, etc. All work to be undertaken in accordance with the Lead Development Association recommendations.

(23)-WARM PITCHED ROOF

Pitch 22-45°

To achieve min U-value required of 0.18 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 sarking felt to relevant BBA Certificate allowing the breather felt to sag at least 10mm over preservative-treated counter battens (min 38mm x 50mm). Provide 100mm Celotex GA4000 insulation boards installed under the counter battens and between rafters, 50mm Celotex FR5000 under rafters. 47 x 195mm timber rafters strength class C24 at 400 c/c –span to engineer's details. A vapour control layer should be provided to the underside of the rafters. Finish with 12.5 plasterboard and skim.

(24)-PITCHED ROOF RESTRAINT

Restraint strapping - Ceiling joists tied to rafters (if raised collar roof consult structural engineer). 100mm x 50mm wall plate strapped down to walls. Ceiling joists and rafters to be strapped to walls and gable walls, straps built into cavity, across at least 3 timbers with noggins. All straps to be 1000 x 30 x 5mm

(25)-ROOF WINDOW

Min standard U-value of 1.6 W/m²K. Roof-lights to be double glazed with16mm argon gap and soft low-E glass. Window

Energy Rating to be Band C or better. Roof lights to be fitted in accordance with manufacturer's instructions with rafters doubled up to sides and suitable flashings etc.

(26)-WARM FLAT ROOF

(imposed load max 1.0 kN/m² - dead load max 0.75 kN/m²)

To achieve U value 0.18 W/m²K

12.5mm spa solar reflective chippings to achieve aa designated fire rating for surface spread of flame bedded in bitumen on three layer felt to BS 6229:2003 on 22mm exterior quality ply (ply optional, see manufacturer's details) over 125mm Celotex EC3000 or TC3000.

Insulation fixed to VCL bonded to 22mm exterior grade plywood on firings to give 1:60 fall on 47 x 220mm C24 timber joists at 400 ctrs to give a max span of 5.08m (see engineer's details for sizes). Ceilings to be 12.5mm plasterboard over vapour barrier with skim plaster finish. Provide cavity tray where pitched roof meets existing wall.

Provide restraint to flat roof by fixing of 30 x 5 x 1000mm ms galvanised lateral restraint straps at maximum 2000mm centres fixed to 100 x 50mm wall plates and anchored to wall.

(27)-FLAT ROOF RESTRAINT

100m x 50mm C16 grade timber wall plates to be strapped to walls with 1000mm x 30mm x 5mm galvanised mild steel straps at maximum 2.0m centres fixed to internal wall faces.

(28)-GREEN FLAT AND LOW PITCHED ROOF

Wallbarn Sedum Planted Modules, with root barrier, Sarnafil membrane fitted as per manufactures recommendations bonded to 22mm marine ply atop treated SW joists as specified by the engineer. YBS Superquilt taped, overlapped and sealed at all joints as per the manufacturers requirements laid over the rafters and fixed to the top of the joist with a proprietary clip with the remaining length draped inbetween. 90mm mineral wool laid between the joists (min .33W/m2K), with YBS Superquilt taped, overlapped and sealed at all joints as per the manufacturers requirements stapled to the underside of the joists. 25 x 32mm treated SW joists fixed obliquely beneath the joists supporting 12.5mm plaster board with taped and sealed joints with 3mm plaster skim.

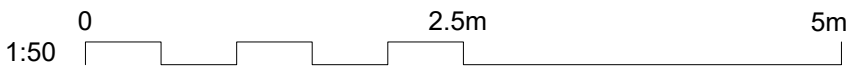
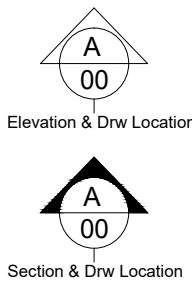
Construction achieves a U-value of 0.15W/m²K. Refer to Structural Engineer's specifications, design details or manufacturer's instructions and according with the building regulations. Ridge & Eaves details to match existing. Valleys, flashings and soakers to be in Code 4 lead. Valley gutter to be in code 5 lead

NOTES:

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Figured dimensions only are to be used. All dimensions to be checked on site. Differences between drawings and between drawings and specification or bills of quantities to be reported to SHORPLANS architects.

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DRAWING NO	DATE	DRAWING	PROJECT
15-0098	27.11.24	BUILDING CONTROL PROPOSED NOTES	15A SCARBOROUGH ROAD
DRAWN	SCALE		
MS	1:50 @ A1		