



MINERAL PLASTER TECHNOLOGY

SYSTEM 300

TECHNICAL MANUAL

Product Description and Installation Details

Version 1.4 March 2017

RHS (NZ) Ltd t/a Putz-Technik
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New Zealand



SYSTEM 300

System 300 is a Plastering System for external Polystyrene application, installed on an approved drained cavity comprising cement-based BREATHABLE mineral plasters, alkaline resistant fibreglass mesh and assorted PVC flashing and trims. The Polystyrene sheets are mechanically fixed over a nominal 20mm cavity to timber or steel framing.

System 300 is a three-coat plaster system incorporating embedded fibreglass reinforcing mesh and selected finish coats.

The main plaster component of System 300 is PT300 plaster, which provides a tough, durable and crack resistant base coat when used in conjunction with fibreglass reinforcing mesh.

BRANZ APPRAISAL

System 300 has been appraised by BRANZ as an external wall cladding system for buildings within the following scope:

- the scope limitations of NZBC Acceptable Solution E2/AS1, Paragraph 1.1; and,
- with a risk score of 0-20, calculated in accordance with NZBC Acceptable Solution E2/AS1, Table 2; and,
- situated in NZS 3604 Wind Zones up to, and including 'Extra High'.

Putz Technik System 300 has also been appraised by BRANZ for weathertightness and structural wind loading when used as an external wall cladding system for buildings within the following scope:

- the scope limitations of NZBC Acceptable Solution E2/AS1, with regards to building height and floor plan area; and,
- constructed with timber or steel framing subject to specific engineering design; and,
- situated in specific design wind pressure up to a maximum design differential ultimate limit state (ULS) of 2.5kPa.

Putz Technik System 300 must only be installed on vertical surfaces (except for tops of parapets, sills and balustrades, which must have a minimum 10° slope and be waterproofed in accordance with the Technical Literature).

The system has been appraised by BRANZ for use with aluminium window and door joinery that is installed with vertical jambs and horizontal heads and sills. *(The Appraisal of Putz Technik System 300 relies on the joinery meeting the requirements of NZS 4211 for the relevant Wind Zone.)*

Installation of components and accessories supplied by Putz Technik and approved applicators must be carried out only by Putz Technik approved applicators.

BUILDING REGULATIONS

System 300, when installed and maintained according to the instructions and procedures recommended by Putz-Technik Products Ltd will meet or contribute to meeting the provisions of the New Zealand Building Code as required by: Clause B1 Structure: B2 Durability: E2 External Moisture: E3 Internal Moisture: and H1 Energy Efficiency.

TECHNICAL SPECIFICATION

INSULATION BOARDS

- EPS Boards - 40, 50 or 60 mm thick. Class H or Class S expanded polystyrene, manufactured to AS1366 Part 3, supplied in sheets ranging in length from 2.4 m up to 3.6 m. Sheets are typically 1.2 m wide.

FASTENERS

- Timber Framing - Hot dipped galvanized flat head nails of the following sizes, fitted with 40mm diameter plastic washers: 40mm thick insulation board nail size 90 x 3.55 mm; 50 and 60 mm insulation board 110 x 3.8 mm.
- Steel Framing - Self drilling AS3566 Corrosion Class 3 6-gauge screws in mild or moderate industrial or marine environments and Corrosion Class 4 6-gauge screws in severe marine environments, fitted with 40 mm diameter washers. Screw length to allow 10 mm penetration through framing.

SEALANTS

- Putz-Technik recommends the use of BRANZ appraised sealant to reveal junctions, roof flashing extensions, wall penetrations, etc. Where gaps to be filled are substantial a PEF backer rod must be used to for the sealant joint.

PVC FLASHING AND ACCESSORIES

- Sill and jamb flashings, and comer and base mouldings are supplied by Putz- Technik. Head flashings are supplied by the joinery manufacturer.

REINFORCING MESH

- Hard and soft woven alkali resistant fibreglass mesh with a 4 x 4 mm mesh size weighing approximately 160 g/m² for domestic and light commercial situations.

AIRSEALS AND FLASHING TAPES

- An airseal must be installed around all joinery openings to minimise the risk of airflows carrying water into the joinery cavity.
- Prior to the joinery installation the building wrap must be cut and dressed into the opening and flexible sill and jamb tapes must be installed as shown in the installation details.
- An airseal must be provided between the window or door joinery reveal and the building wrap and be taken around the reveal to completely seal the gap.
- Airseals must be made from self-expanding foam over a PEF backing rod.
- The sill trimmer must be flashed along its full length and the flashing must be turned up the opening framing a minimum of 200mm.

HANDLING AND STORAGE

Handling and storage of all materials during delivery or on site is the responsibility of the Putz-Technik Licensed Contractors. Bags of plaster mix require storage in dry conditions, preferably off the floor on pallets or dunnage. PVC extrusions and Polystyrene boards must be stored out of direct sunlight and in a location where physical damage is avoided. Discard any plaster that is 6 months beyond manufacture date.

PLASTER AND FINISH COATS

First Coat

PT300 is a factory mixed adhesive render and is suitable as a bonding and meshing coat on Polystyrene. PT300 is suitable for plastering machines or manual application (drill mixed only). On Polystyrene, PT300 is used as a mesh coat of approximately 3-4 mm thickness, thereby providing a bonding surface for further coats of plaster. PT300 is a non-acrylic plaster with high water vapour permeability (breathing activity) containing only natural materials and additives.

- Technical - PT300 is manufactured using selected aggregates, cement and mineral additives. Sand and particle size range is 0-1.00mm. PT300 has high water vapour permeability (breathing activity).

Compressive Strength (N/mm ²)	10.0
Flexural Strength(N/mm ²)	4.54
Bond Strength(N/mm ²)	0.67
Water Demand (N/mm)	<0.5
Water Retention (%)	99%

- Coverage - Depending on the substrate a 25kg bag of PT300 yields approximately 6 m² at 3-4 mm thickness.

Important

Do not under any circumstances add foreign substances other than clean water to pre- mixed mineral plasters. Do not add further water to PT300/water mixture more than 2 hours after original mixing. Allow 24 hours drying time prior to applying further coats for plaster.

Storage

PT300 is packed in 25 kg plastic lined paper bags. PT300 can be stored in a dry place for up to 6 months

Second Coat

PT350 is an all-purpose skim coat render primarily designed as a levelling coat applied over a primary mesh coat or uneven surface. PT300 can also be laid up as a preparation coat, ensuring a high standard of finish for subsequent finishing coats. PT350 can be trowelled to a minimum thickness of 1 mm and is suitable for commercial plastering machines or manual application (drill mixed only).

- Technical - PT350 is manufactured using selected aggregates, cement and mineral additives. Sand particle size range 0-1.0 mm. PT350 has high water vapour permeability (breathable).

Compressive Strength (N/mm ²)	>3
Flexural Strength (N/mm ²)	>2.05
Bond Strength (N/mm ²)	>0.3
Water Demand (N/mm ²)	>0.5
Water Retention (%)	99
Water Absorption Coefficient (Kg/(m ² .h ^{0.5})	0.25

- Coverage - Depending on the substrate a 25kg bag of PT 350 yields approximately 15m² at 2mm thickness.

Important

Do not under any circumstances add foreign substances other than clean water to pre- mixed mineral plaster. Do not add further water to PT 350/water mixture more than 2 hours after original mixing. Allow 24 hours drying time prior to applying further coats of plaster.

Storage

PT350 is packed in 25 kg bags. PT350 can be stored in a dry place for up to 6 months.

Third Coat Finishes:

All Putz Technik plaster finishes are available standard for painting. To complement the breathing activity of its plaster coats Putz Technik recommends the use of vapour permeable -based exterior house paints which are used over System 300 plaster to give the desired finish colour to the exterior walls and to make the system weathertight. The chosen paint system must comply with any of Parts 7, 8, 9 or 10 of AS 3730. Paint colours must have a light reflectance value of 40% minimum regardless of gloss value. The systems must be applied in accordance with the paint manufacturer's instructions.

PT 100 - Adobe/Undulating

PT 100 is a factory mixed dry plaster and can be applied as a final coat on top of a base coat. PT 100 has been specifically formulated as a fine sponge finish and is ideally suited where an adobe or undulating finish is required.

PT 100 has high water vapour permeability (breathing activity) with excellent adhesion and has a favourable compression/flexural strength ratio.

PT 100 is suitable for commercial plastering machines or can be applied manually when mixed by drill or machine. PT 100 can be applied from 1 - 5 mm thickness, and during setting the applied areas may be sponged or brushed with water to achieve the required finish. PT 100 can be easily worked to any desired effect, from bold rustic and undulating textures to smooth sponge finishes. It may, depending on the straightness of the base coat, be necessary to apply two coats of PT 100. Depending on the substrate and the desired texture, a 25-kg bag of PT 100 yields approximately 7 m² at 2 mm thickness.

PT 101 - Float/Sponge/Texture

PT 101 is a factory mixed dry plaster and can be applied as a final coat on top of a base coat. PT 101 has been specifically formulated for finishing by plastic trowel or sponged with water. PT 101 can also be sprayed through a hopper gun to achieve a fine to medium textured finish.

To achieve a high-quality finish Putz Technik recommends that PT 101 top-coat be preceded by a skim coat of either PT 350 or PT 101. PT 101 is applied manually when mixed by drill or machine and can be applied to a minimum thickness of 1.0 mm. Optimum working time is approximately 3-5 minutes following application to wall surface. PT 101 yields approximately 14-16 m² at 2 mm thickness.

PT 103 - Scratch/Drag

PT 103 is a factory mixed dry plaster and can be applied as a final coat on top of a base coat. PT 103 has been specifically formulated as a medium texture (drag or random scratch coat). Grain size varies from 0.5 - 3 mm to produce the required texture pattern.

During setting the applied areas are worked with a polystyrene or hard plastic float in circular or vertical directions. PT 103 has high water vapour permeability (breathing activity). Depending on the substrate a 25-kg bag of PT 103 yields approximately 6 m².

PT 104 - Scratch/Drag

PT 104 is a factory mixed dry plaster and can be applied as a final coat on top of a base coat. PT 104 has been specifically formulated as a coarse scratch or drag finish. Grain size varies from 0.5 - 4 mm to produce the required texture pattern. During setting the applied areas are worked with a polystyrene or hard plastic float in a circular or vertical direction. PT 104 has high water vapour permeability (breathing activity). Depending on the substrate a 25-kg bag of PT 104 yields approximately 6 m².

Spray Textures:

PT 300, PT 101, PT 102, PT 100 can be sprayed through a hopper gun or similar to produce varying grades of textures from fine to very coarse. Variations are produced by sand particle size, nozzle size and varying air volume.

For further information contact Putz Technik.

DESIGN INFORMATION

Timber Framing

Timber framing must comply with NZS 3604 for buildings or parts of buildings within the scope limitations of NZS 3604. Buildings or parts of buildings outside the scope of NZS 3604 must be to a specific design in accordance with NZS 3603 and AS/NZS 1170. Where specific design is required, the framing must be of at least equivalent stiffness to the framing provisions of NZS 3604. In all cases, studs must be at maximum 600 mm centres for buildings designed to NZS 3604 in Wind Zones up to and including Very High, and at maximum 400 mm centres for buildings situated in NZS 3604 Wind Zone Extra High and specifically designed buildings situated in wind zones above NZS 3604 defined Extra High. Dwalgs must be fitted flush between the studs at maximum 800 mm centres.

Timber framing must have a maximum moisture content of 24% at the time of the cladding application. (If EPS sheets are fixed to framing with a moisture content of greater than 24% problems may occur later due to excessive timber shrinkage.)

General

A minimum slope of 10 degrees is required to all sills and copings, and where necessary a waterproof membrane system or water management facility is to be specified.

Punchings in the ventilated cavity closure provide a minimum ventilation opening area of 1000 mm² per lineal metre in accordance with the requirements of NZBC Acceptable Solution E2/AS1, Paragraph 9.1.8.3(b).

Putz Technik recommends the use of breather type building underlay in keeping with the vapour permeability characteristics of the plaster coats. Unlined gables and walls must incorporate a rigid sheathing or an air barrier which meets the requirements of NZBC Acceptable Solution E2/AS1, Table 23. Where rigid sheathings are used, the fixing length must be increased by a minimum of the thickness of the sheathing.

Where penetrations through System 300 are wider than the cavity batten spacing, allowance must be made for airflow between adjacent cavities. A minimum 10 mm gap must be left between the bottom of the vertical cavity batten and the flashing to the opening.

Weather proofing around aluminium joinery openings, penetrations, construction and expansion joints, base and wall junctions must be given particular attention by designers and installers.

The bottom edge of the finished polystyrene must be kept clear of paved ground, such as footpaths and mowing strips, by a minimum of 100 mm and unpaved ground by a minimum of 175 mm. The ground clearances to finished floor levels as set out in NZS 3604 must be adhered to at all times. Adherence to these requirements is the responsibility of the owner / builder.

Building Wind Zones

Putz Technik System 300 is suitable for use in all Wind Zones of NZS 3604, up to, and including Extra High where buildings are designed to meet the requirements of NZBC Acceptable Solution E2/AS1, Paragraph 1.1, or up to design differential 2.5 kPa ULS wind pressure when the buildings are specifically designed.

Polystyrene Sheet Fixing

EPS sheets must be fixed through the cavity battens and cavity spacers to the wall framing at maximum centres specified in Table 1 and Table 2.

Table 1: EPS Sheet Fixing Centres for Edges and Intermediate Studs

NZS 3604 Wind Zone	Fixing Centres (mm)
Low	300 ¹
Medium	300 ¹
High	300 ¹
Very High	200 ²

1. One fixing is required into each dwang and top and bottom plates at mid-dwang length.
2. Fixings are also required into each dwang at 200 mm centres and top and bottom plates at mid-dwang length.

Table 2: EPS Sheet Fixing Centres for Edges and Intermediate Studs - NZS 3604 Wind Zone Extra High and Specific Design Wind Zones

NZS 3604 Wind Zone Extra High and specifically designed buildings up to 2.5 kPa ULS wind pressure with studs at maximum 400 mm centres		
Maximum vertical fixing centres (mm) along studs	Maximum horizontal fixing centres (mm) along top and bottom plates	Maximum horizontal fixing centres (mm) along dwangs at maximum 800 mm centres
150	200	150

Impact Resistance

System 300 employs the use of alkali resistant 160 g/m² reinforcing mesh for residential and light commercial applications. Consideration must be given to the impact resistance required in commercial applications.

Durability

When installed and maintained in accordance with the instructions and recommendations of Putz Technik, System 300 will meet the provisions of NZBC B2.3.1 (b) 15 years.

Maintenance

Putz Technik recommends regular checking of the system (at least annually) for cleanliness and integrity of the applied finish coatings. Washing with detergent and warm water will remove most dirt or grime build-up not washed away by rain. Checks must also be made of sealant applications and flashed joints to ensure that weather-tightness has been maintained. Unstable or suspect areas must be stripped out and the sealant and/or plaster replaced. Putz Technik supply plaster and technical support to assist with any repair work.

Control of Internal Fire and Smoke Spread

Polystyrene used with the system must meet the flame propagation criteria of AS 1366 as specified in NZBC Acceptable Solution C/AS1, Paragraph 4.2.2 or NZBC Acceptable Solutions C/AS2 to C/AS6, Paragraph 4.17.2. The completed wall system, including the surface lining product enclosing the polystyrene sheet from the adjacent occupied space, must achieve the Group Number for internal surface finish requirements as specified in the relevant NZBC Acceptable Solutions C/AS1 to C/AS6.

Control of External Fire Spread

Putz Technik System 300 using any surface finish is suitable for use on buildings with an SH Risk Group classification, a building height of ≤ 10 m and at a distance of ≥ 1.0 m to the relevant boundary. Refer to NZBC Acceptable Solutions C/AS2 – C/AS6, Paragraph 5.8.1 for the specific exterior surface finishes requirements for other building Risk Groups.

(Note: The scope of the BRANZ Appraisal limits building heights to 10 m in accordance with the limitations of NZBC Acceptable Solution E2/AS1, Paragraph 1.1(a). The building heights referenced in Paragraph 12.1 above are as defined in the Definitions Sections of NZBC Clauses C1 - C6 Protection from Fire.)

When buildings in all Risk Groups, apart from SH and VP, are of the three storeys maximum permitted by NZBC Acceptable Solution E2/AS1, Paragraph 1.1 (a), and when the cladding system extends to cover the walls of all three floors, the requirements for barriers to vertical fire spread in accordance with NZBC Acceptable Solutions C/AS2 to C/AS6, Paragraph 5.7.17 must be met. NZBC Acceptable Solution C/AS2 – C/AS6, Figure 5.8 gives an acceptable detail for barriers, however these do not consider NZBC Clause E2 requirements. Design of the barrier joint must be specifically detailed by the designer to meet the NZBC, including blocking of the cladding cavity and wall framing cavity, and installation of flashing and sealing systems to collect and direct any moisture to the outside of the cladding system at this point. These joints are not covered by the Technical Literature and are also outside the scope of the BRANZ Appraisal.

External Moisture

When installed in accordance with the instructions of Putz-Technik, System 300 will meet the performance requirements of NZBC E2.3.2.

Junctions between the cladding and the external joinery, at control joints and around window penetrations must be detailed to ensure the cladding system is installed and maintained weathertight.

Sills, parapet tops and balustrades must be sloped a minimum of 10° from the horizontal if a plaster finish is required to these areas. However, in the case of parapets and hand rails the use of metal cappings is recommended.

The bottom edge of the insulation boards must over-lap past the edge of the concrete floor, wall plate or bearer by a minimum of 50 mm.

Weathertightness Principles

- Joinery heads must be protected by a flashing.
- In all Building Wind Zones, internal air seals are required around all penetrations installed in the gap between the reveal and framing at the line of the internal framing.
- Jambs must be sealed and utilize a jamb flashing system for recessed joinery. These must be installed on the face of the cavity batten.
- Sills of recessed systems must use a sill flashing which is installed on the face of the cavity sill packers. Where a rigid sill flashing cannot be used, such as for circular type windows and the like, the sill must be sealed with a flexible flashing tape or purpose made extrusion.
- A BRANZ Appraised sealant must be used to make weathertight seals between the joinery and the cladding, around holes for services and at junctions with dissimilar materials. The sealant manufacturer's instructions must be followed for application.

Internal Moisture and Energy Efficiency

MBIE and BRANZ have determined that up to 50% of the polystyrene R-value may be lost due to the installation of a ventilated cavity, therefore there is a requirement for bulk insulation to be installed in the framing cavity to ensure compliance with the requirements of the NZBC.

Buildings must be constructed with an adequate combination of thermal resistance and ventilation, and space temperature must be provided to all habitable spaces, bathrooms, laundries and other spaces where moisture may be generated or may accumulate.

The EPS cavity battens will act as a thermal break to steel framing in accordance with NZBC Acceptable Solution E3/AS1.

Putz Technik System 300 is not a barrier to the passage of water vapour, and when correctly installed will not create or increase the risk of moisture damage resulting from condensation.

Water Vapour

System 300 comprises plaster coats which have high water vapour permeability (breathable). System 300 is not a barrier to the passage of water vapour, and when correctly installed, will not create or increase the risk of damage resulting in condensation.

Hazardous Building Materials

When System 300 is used, and installed in accordance with the instructions and technical literature of Putz Technik, the product will not present a health hazard to people; therefore, the provisions of NZBC F2.3.1 will be met.

Electrical Cables

PVC sheathed electrical cables must be prevented from direct contact with the polystyrene.

When cables must penetrate the polystyrene board for exterior electrical connections the cable must be supported immediately behind the board by passing through a hole drilled in a framing member.

Control Joints

Control joints shall be provided on all walls over 20 metres long and 6 metres high unless specified to be at more frequent intervals by the Designer; where EIFS cladding covers different structural materials, like timber to concrete; at abutments to different cladding materials, and over movement control joints in the underlying structure.

Control joints shall always be located over structural supports.

Where applicable Designers must specify location of all construction joints.

Inter-storey Drained Joints

Inter-storey drained joints must be provided for walls over 2 storeys in height in accordance with the requirements of NZBC Acceptable Solution E2/AS1, Paragraph 9.1.9.4(b).

INSTALLATION INFORMATION

Installation must be in accordance with the instructions of Putz-Technik, which are contained in the technical literature. Only Approved Contractors assessed and approved by Putz Technik may carry out the installation of System 300.

Building Wrap and Flexible Sill and Jamb Tapes

The selected building underlay and flexible sill and jamb tape system must be installed by the building contractor in accordance with the underlay and tape manufacturer's instructions prior to the installation of the cavity battens and the rest of System 300.

The building underlay must be installed horizontally and be lapped 75 mm minimum at horizontal joints and 150 mm over studs at vertical joints. Particular attention must be paid to the installation of the building underlay and sill and jamb tapes around window and door openings to ensure a continuous seal is achieved and all exposed wall framing in the opening is protected.

Ventilation and Drainage Cavity

- Joinery reveals must be sized to allow for the framing and cavity width, plus 2-3 mm extra to allow clearance to fit the sill and jamb flashings.
- Head flashings must be wide enough to allow for fixing the rear upstand directly to lintels. The head flashing upstand must be flashed to the building wrap with flexible tape.
- Flashing tape systems must be installed prior to the joinery installation.
- Vertical battens must be fixed to framing with 30 mm clouts to all studs, and horizontally at the soffit level.
- Packers 100 mm maximum long must be fixed on nogs to provide for fixing of the polystyrene in accordance with Table 1.
- Where the studs are spaced at greater than 450 mm centres, polypropylene strapping must be firmly stretched and fixed horizontally at maximum 300 mm centres to prevent the building underlay bridging the cavity during installation of any internal bulk insulation.
- Cavity battens around joinery openings must be installed in accordance with the technical details to ensure sill and jamb flashings are installed on the outer plane of the cavity.
- Joinery heads must be finished with the PVC angle with drainage holes as set out in the technical literature to allow drainage of the head flashing area.

Fixing of Insulation Boards

- Refer to Table 1 and Table 2 for maximum fixing centres.
- Recessed joinery, including all flashings must be fixed in place prior to fixing the polystyrene boards.
- All sheet edges must be supported and fixed to battens on framing except at the base where they can hang 50mm below the supporting framing. Additional framing may be required at soffits, around openings and at internal corners for the support and fixing of battens and sheet edges.

Plastering

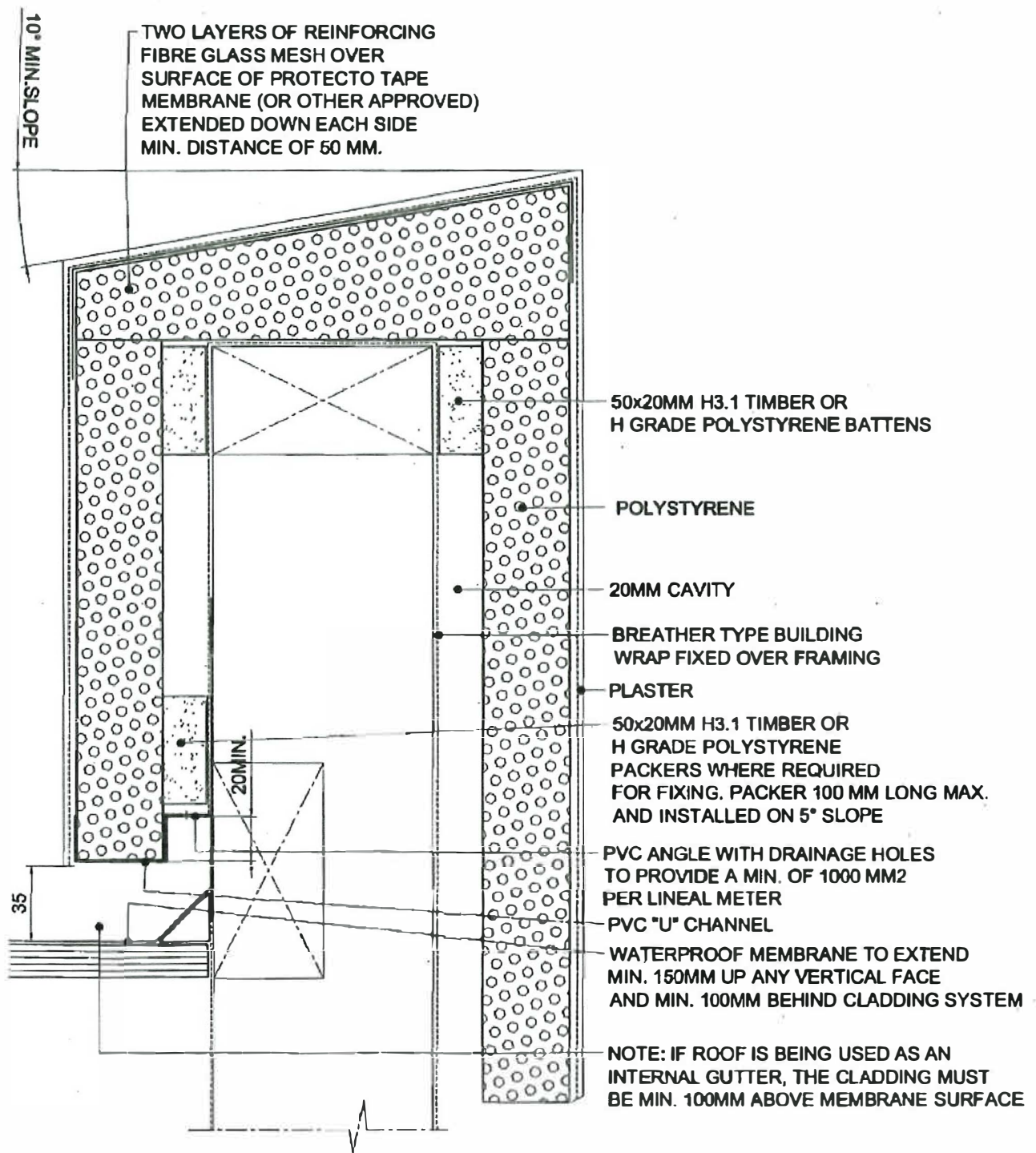
- PVC flashings, trims, profiles and control joints must be installed prior to plastering.
- Joinery, soffits, decking, paving and any other finished surfaces within close proximity to the plastered areas are to be masked for protection from splashes or over-spray.
- Surface "humps" in the polystyrene due to minor variations in wall framing can be removed by sanding or shaving prior to plastering.
- Where polystyrene has been exposed to sunlight over a long period, the resultant yellow powdering caused by oxidation must be removed by sanding or brushing.
- System 300 can only be applied when the temperature range is between 5° - 30°C.
- Initial set occurs after 12 hours on the wall in which time the plaster coats will stabilise sufficiently to withstand the impact of light rain.
- PT300 mesh coat is to be applied at 2-3 mm thickness, in bands of 1.0 m, 1.2 m or 1.3m depending in the width of the reinforcing mesh used. When trowelling mesh into PT300 ensure that the fibreglass mesh is trowelled in such a way that it remains to the exterior surface of the plaster and that it is over-lapped at least 100 mm where it is joined. Diagonal reinforcing strips must be applied at all corners of windows, doors and other exterior openings.
- A skim and levelling coat of PT350 must be applied at a minimum thickness of 1.0 mm once the mesh coat has set sufficiently, and prior to the application of a finish coat.
- Plastered surface must be protected from rain, sunlight and drying winds for at least 12 hours after application.

PUTZ TECHNIK SYSTEM 300 CAVITY SYSTEM

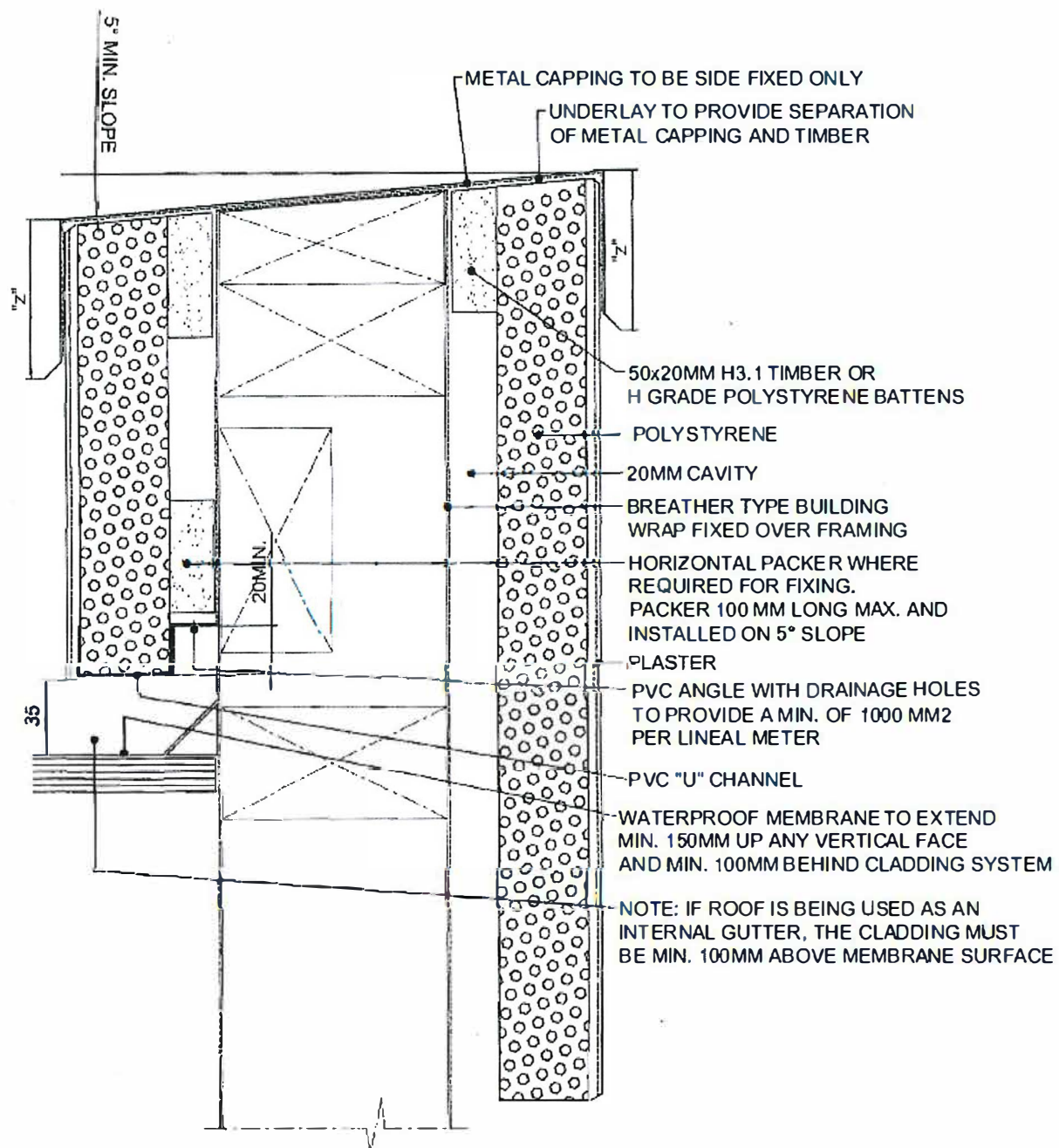
DRAWING REGISTER

Drawing No.	Description	Date	Revision
PT-001	PLASTERED CAPPING TO PARAPETS	25/05/03	5
PT-002	SLOPING METAL PARAPET	14/03/17	5
PT-003	METAL PARAPET	14/03/17	6
PT-004	CONCRETE SLAB OR TIMBER FLOOR	25/05/03	5
PT-005	VERTICAL JOINT	25/05/03	2
PT-006	INTERNAL SQUARE CORNER	25/05/03	2
PT-007	EXTERNAL SQUARE CORNER	25/05/03	2
PT-008	EXTERNAL ROUND CORNER	25/05/03	2
PT-009	FLUSH EAVE	25/05/03	4
PT-010	SOFFIT EDGE	25/05/03	5
PT-011	ROOF/WALL JUNCTION	25/05/03	5
PT-012	SOFFIT	25/05/03	3
PT-013 1 of 2	HEAD	14/03/17	5
PT-013 2 of 2	HEAD	06/09/13	5
PT-014	JAMB	25/05/03	3
PT-015	SILL	14/03/17	4
PT-020	TYPICAL PIPE PENETRATION THROUGH WALL	30/07/03	3
PT-021	PLASTERED CAPPING TO PARAPETS OR BALUSTRADES C/W HANDRAIL	14/03/17	4
PT-023	WEATHER BOARD ABOVE EIFS	04/08/03	1
PT-024	WEATHER BOARD EIFS JUNCTION	04/08/03	1
PT-025	FIXING BLOCK	14/03/17	3
PT-026	WALL PLATE - DECKING OR PERGOLA	14/03/17	3
PT-028	HORIZONTAL EXPANSION JOINT	18/08/03	2
PT-029 1 of 3	BALUSTRADE TO WALL JOINT - STEP-1 FLASHING TAPE OVER BUILDING WRAP	17/09/03	2
PT-029 2 of 3	BALUSTRADE TO WALL JOINT - STEP-2 BATTENS	17/09/03	2
PT-029 3 of 3	BALUSTRADE TO WALL JOINT - STEP-3 FLASHING TAPE OVER EPS	17/09/03	2
PT-030 1 of 2	APRON FLASHINGS DETAILS (IN 3D)	14/03/17	2
PT-030 2 of 2	APRON FLASHINGS DETAILS (IN 2D)	17/09/03	3
PT-031	TYPICAL BATTEN LAYOUT	14/03/17	3
PT-032	TYPICAL BATTEN LAYOUT (ALTERNATIVE OPTION)	20/09/03	2
PT-034	HEAD / JAMB JUNCTION DETAIL	14/03/17	1
PT-035	JAMB / SILL JUNCTION DETAIL	19/10/04	0

Drawing No.	Description	Date	Revision
PT-037	CAVITY THRESHOLD AT WALL ABOVE DECK	19/10/04	1
PT-038	GENERAL INTER-STOREY JUNCTION	19/10/04	1
PT-039	METER BOX INSTALLATION	19/10/04	3
PT-040	OUTLET THROUGH WALL FOR RAINWATER HEAD	19/10/04	1
PT-042	PARAPET/ENCLOSED BALUSTRADE-TO-WALL JUNCTIONS	10/10/05	0
PT-043	DOOR SILL DETAIL	16/10/05	0
PT-045	EIFS / BRICK VENEER JOINT AT INNER CORNER	25/05/06	2
PT-046	EIFS / BRICK VENEER JOINT AT OUTER CORNER	25/05/06	2
PT-047	EIFS / BRICK VENEER JOINT - HORIZONTAL	21/06/06	1
PT-048	EIFS / WEATHER BOARD JOINT - VERTICAL	21/06/06	1
PT-049	EIFS / WEATHER BOARD JOINT AT INNER CORNER	21/06/06	1
PT-050	EIFS / WEATHER BOARD JOINT AT OUTER CORNER	21/06/06	1
PT-051	EIFS / BRICK VENEER JOINT - VERTICAL	10/07/06	0
PT-054	REVERSED SLOPE SOFFIT / EIFS JUNCTION DETAILS	14/03/17	1
PT-056	WINDOW HEAD CLADDING ALTERNATIVE	14/06/08	0
PT-057	WINDOW JAMB CLADDING ALTERNATIVE	14/06/08	0
PT-058	WINDOW SILL CLADDING ALTERNATIVE	14/06/08	0
PT-059	CLADDING AROUND METERBOX - JAMB / SILL	16/06/08	1
PT-060	CLADDING AROUND METERBOX - HEAD	14/06/08	1

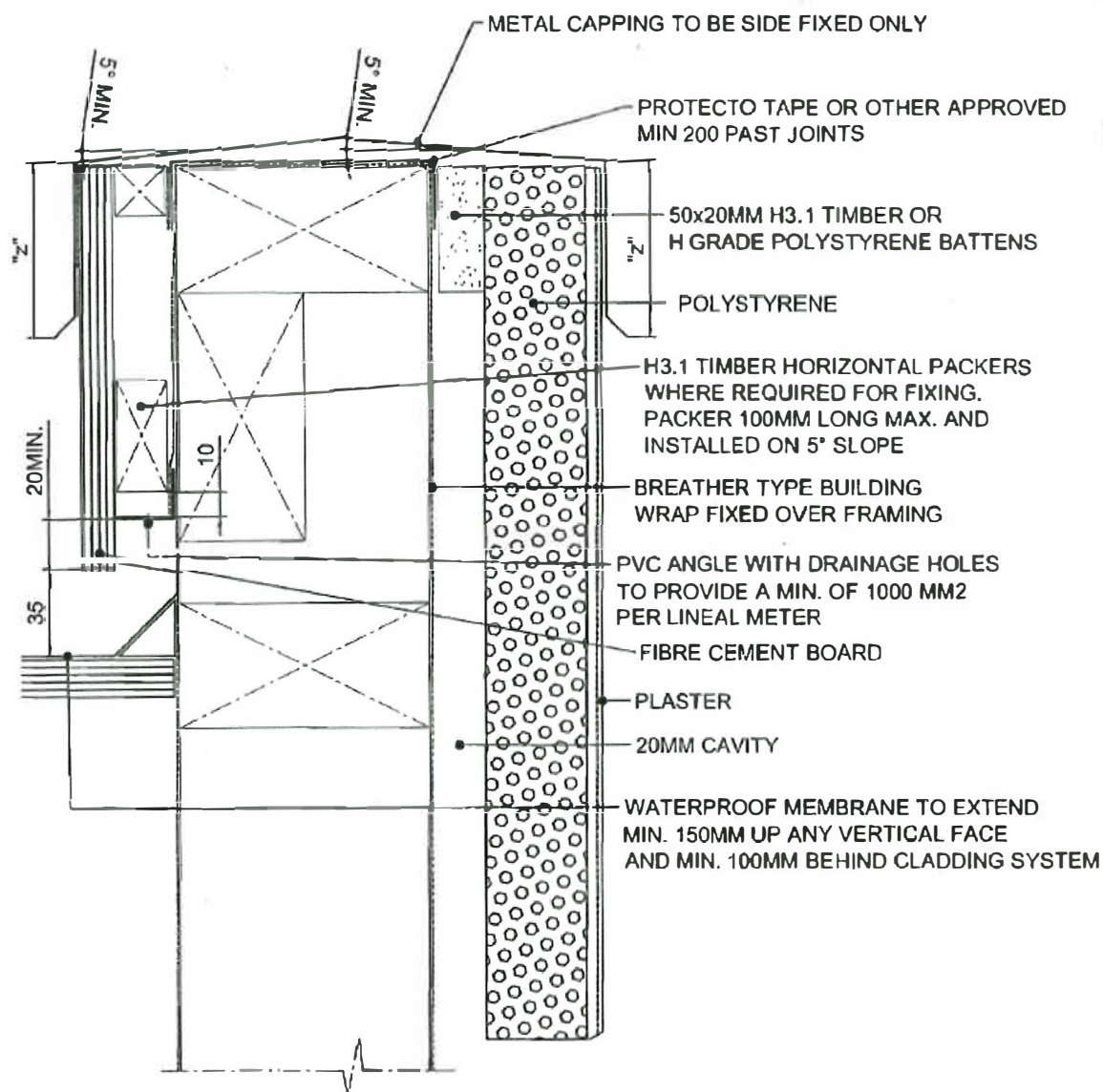


Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-001.DWG	Date: 25/05/03	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: PLASTERED CAPPING TO PARAPETS		
			Drawing Number: PT-001	Revision: 5	Sheet: 1/1



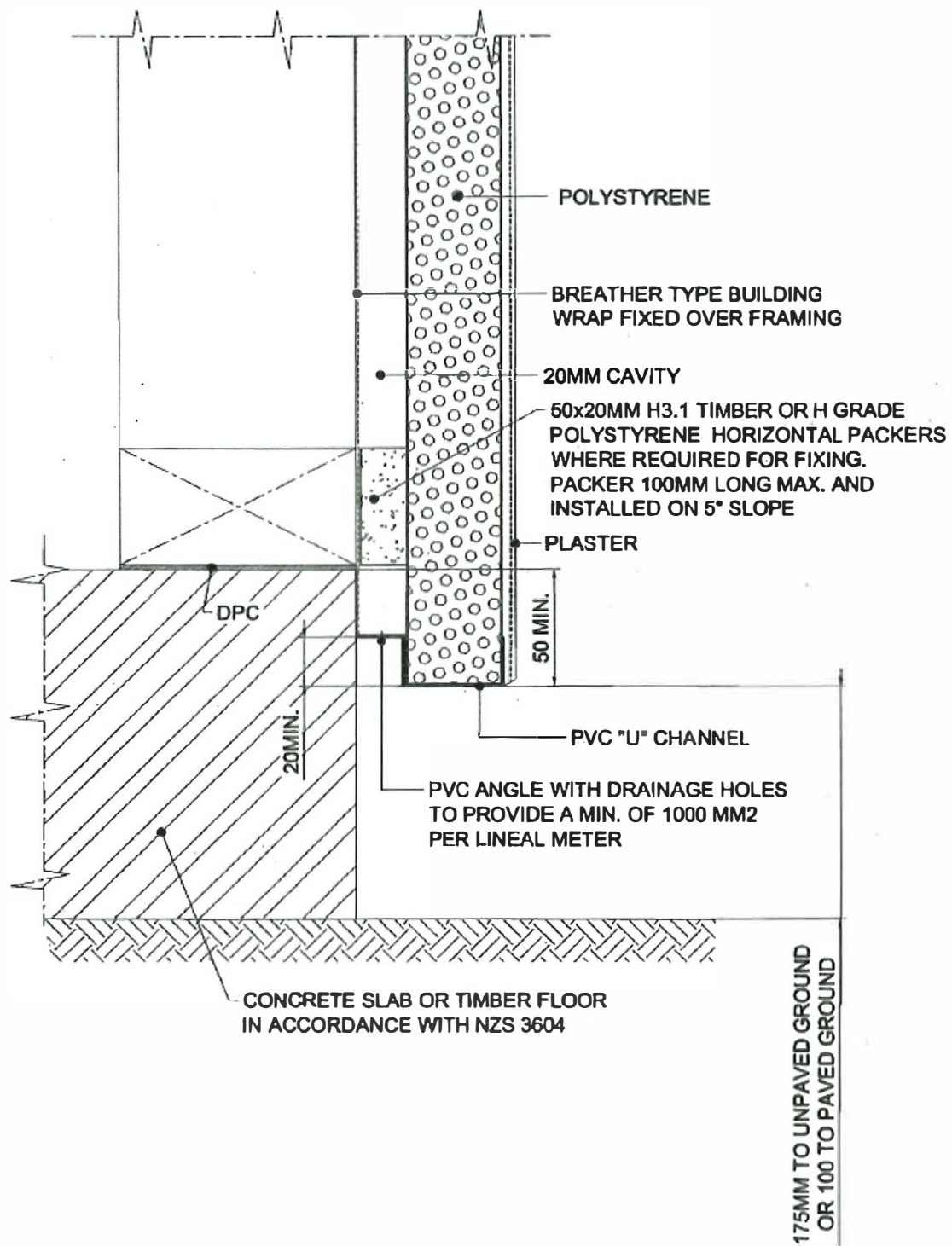
"Z" = VARIABLE ACCORDING TO WIND ZONE	"Z" VALUE MIN. MM
SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES WHERE ROOF PITCH IS 10° OR GREATER	50
SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH WIND ZONES. FOR ALL WIND ZONES WHERE ROOF PITCH IS LESS THAN 10°	70
SITUATION 3: FOR ALL ROOF PITCHES IN EXTRA HIGH WIND ZONE	90

Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-002.DWG	Date: 14/03/17	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: SLOPING METAL PARAPET		
			Drawing Number: PT-002	Revision: 5	Sheet: 1/1

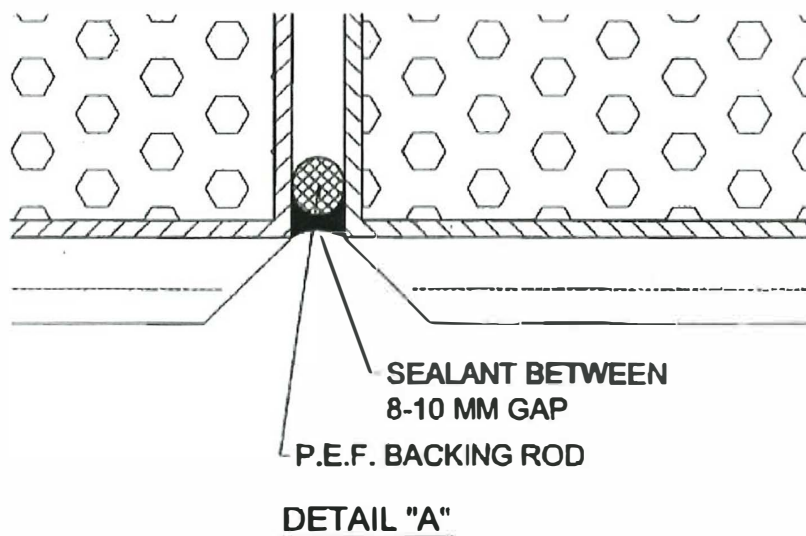
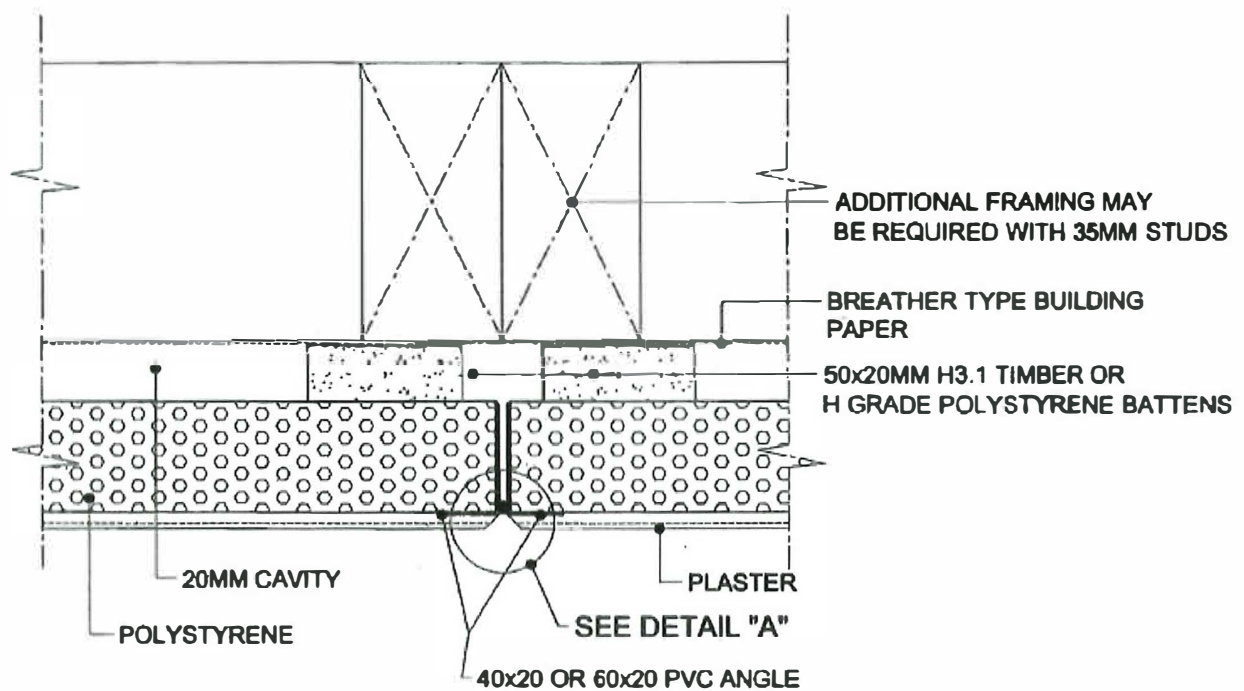


"Z" = VARIABLE ACCORDING TO WIND ZONE	"Z" VALUE MIN. MM
SITUATION 1: IN LOW, MEDIUM OR HIGH WIND ZONES WHERE ROOF PITCH IS 10° OR GREATER	50
SITUATION 2: FOR ALL ROOF PITCHES IN VERY HIGH WIND ZONES. FOR ALL WIND ZONES WHERE ROOF PITCH IS LESS THAN 10°	70
SITUATION 3: FOR ALL ROOF PITCHES IN EXTRA HIGH WIND ZONE	90

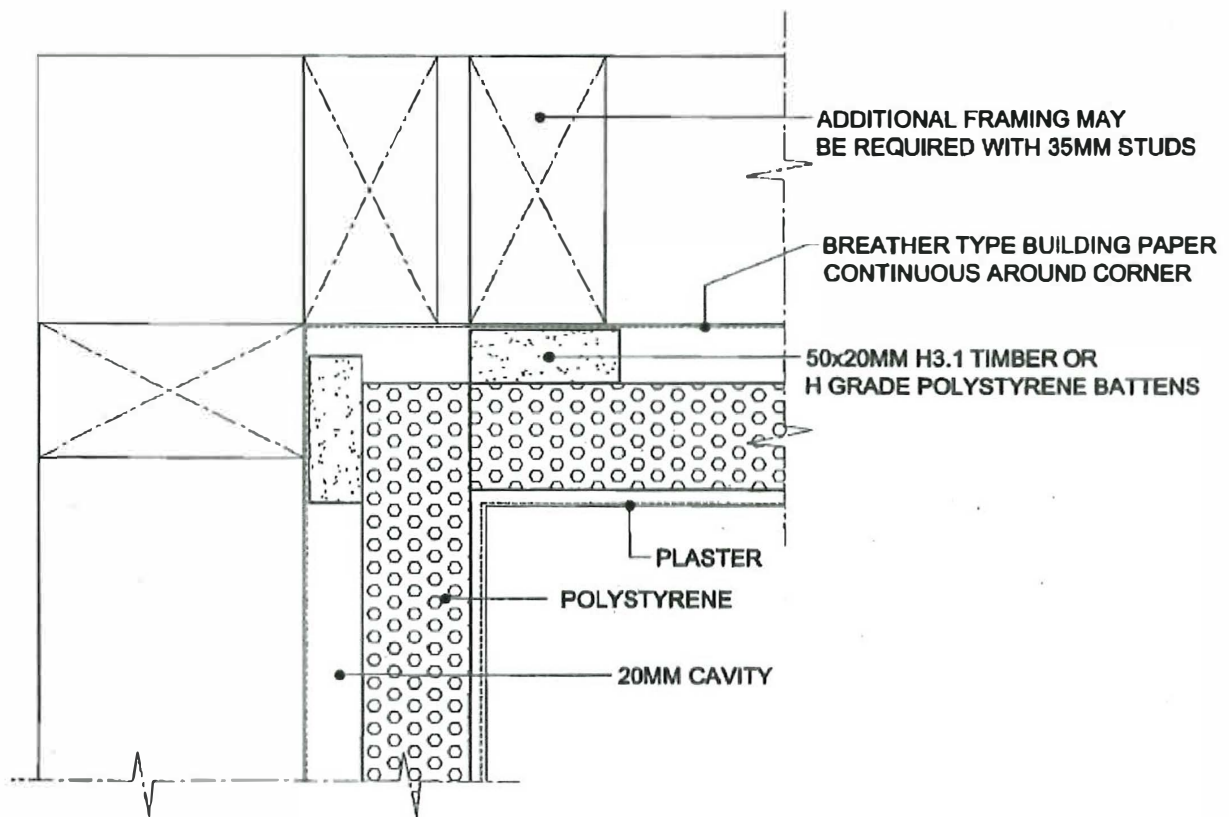
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-003.DWG	Date: 14/03/17	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: METAL PARAPET		
			Drawing Number: PT-003	Revision: 6	Sheet: 1/1



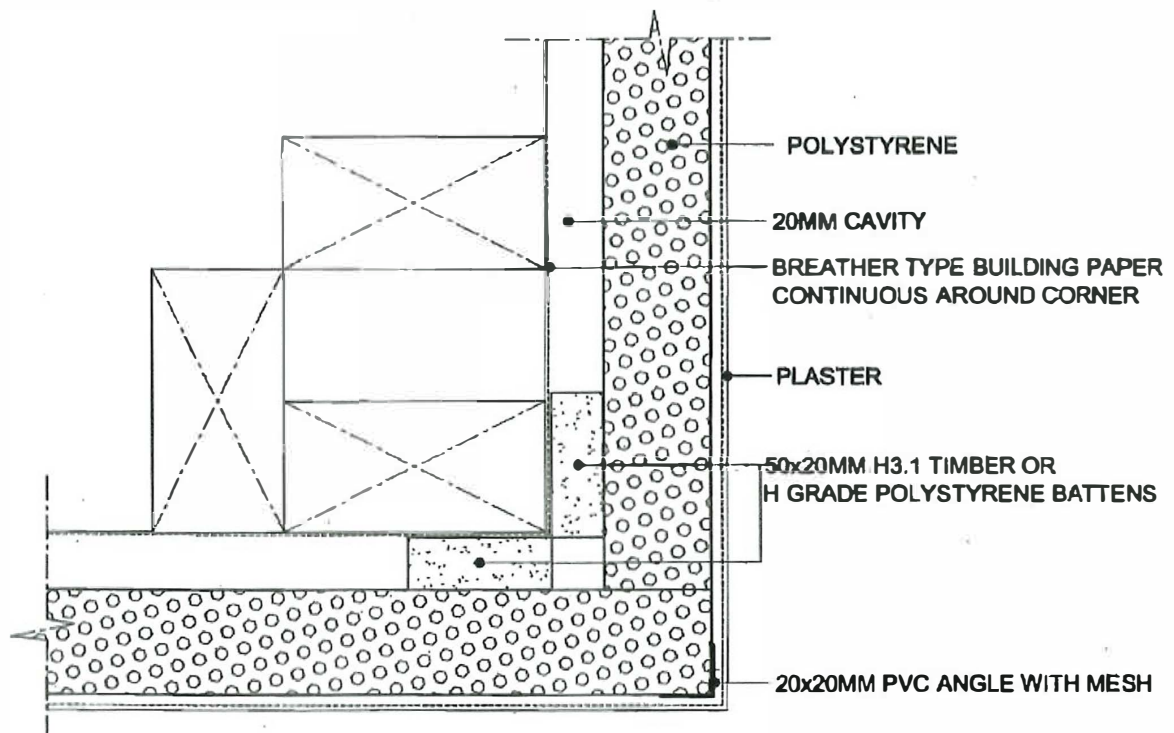
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-004.DWG	Date: 25/05/03	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: CONCRETE SLAB OR TIMBER FLOOR		
			Drawing Number: PT-004	Revision: 5	Sheet: 1/1



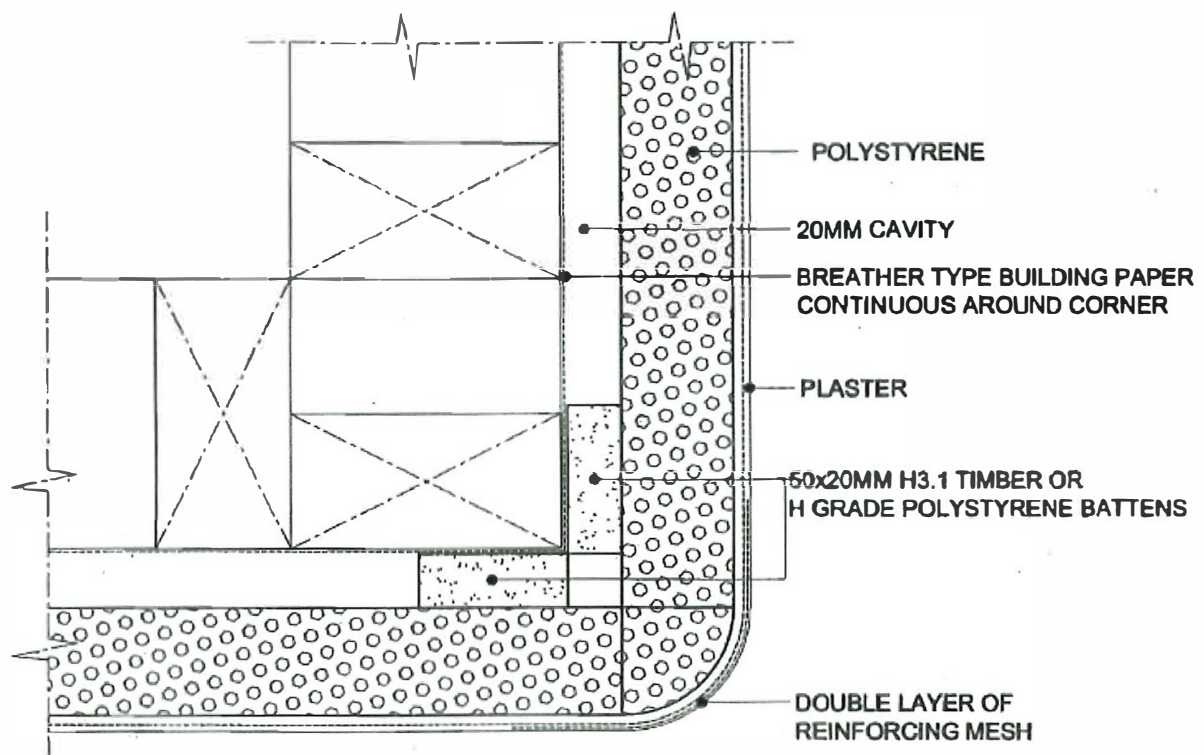
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-005.DWG	Date: 25/05/03	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: VERTICAL JOINT		
			Drawing Number: PT-005	Revision: 2	Sheet: 1/1



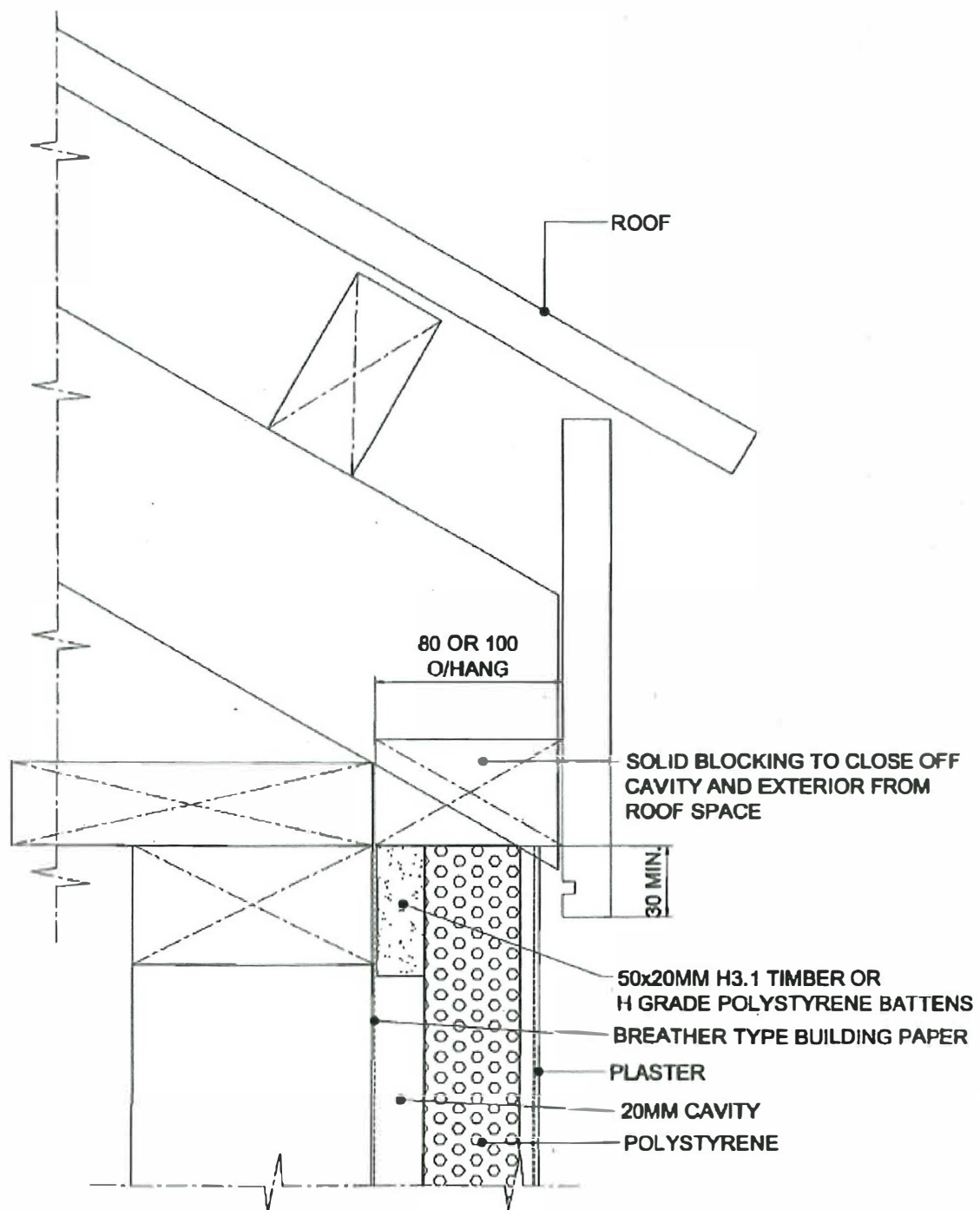
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-006.DWG	Date: 25/05/03	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: INTERNAL SQUARE CORNER		
			Drawing Number: PT-006	Revision: 2	Sheet: 1/1



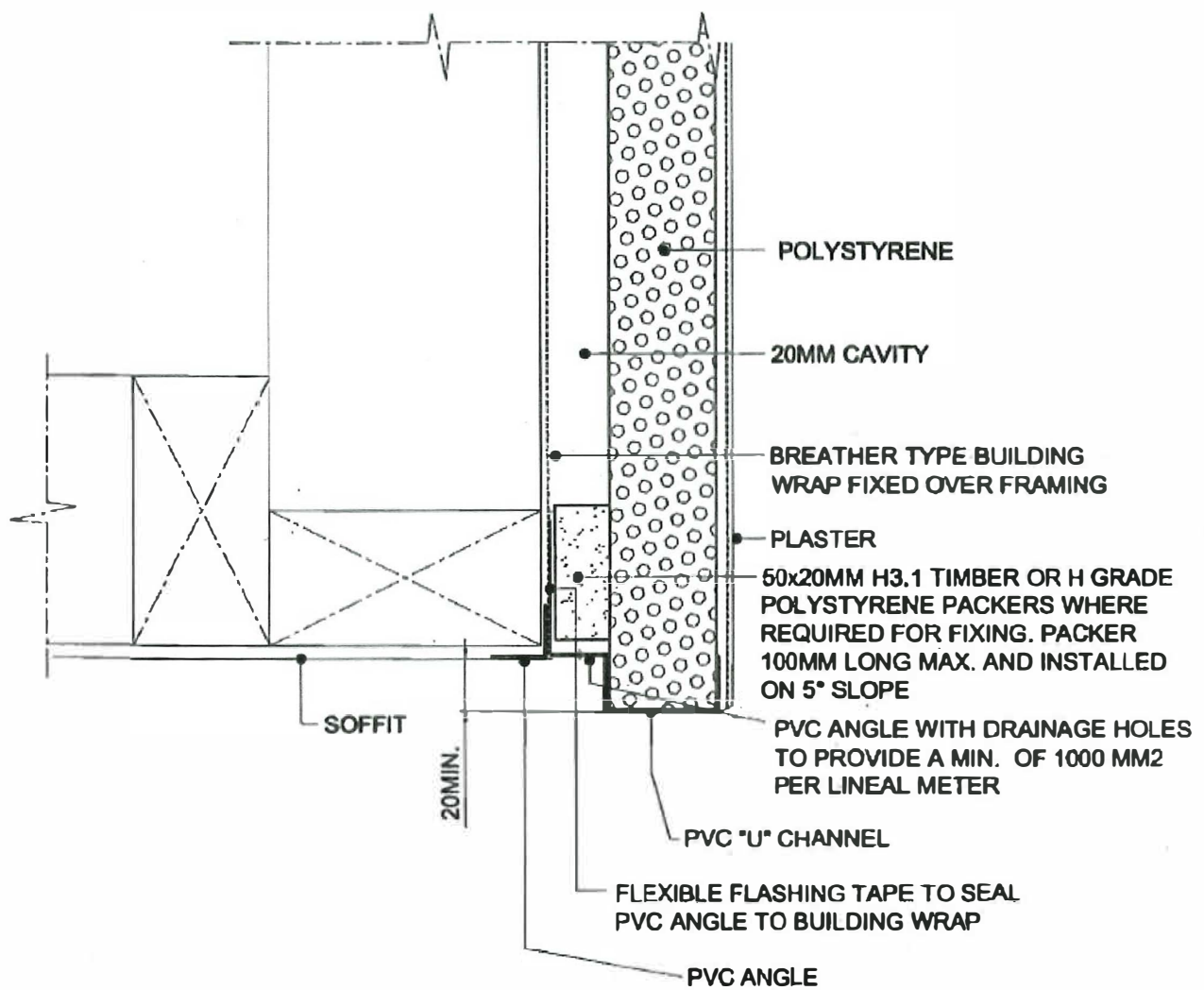
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-007.DWG	Date: 25/05/03	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: EXTERNAL SQUARE CORNER		
			Drawing Number: PT-007	Revision: 2	Sheet: 1/1



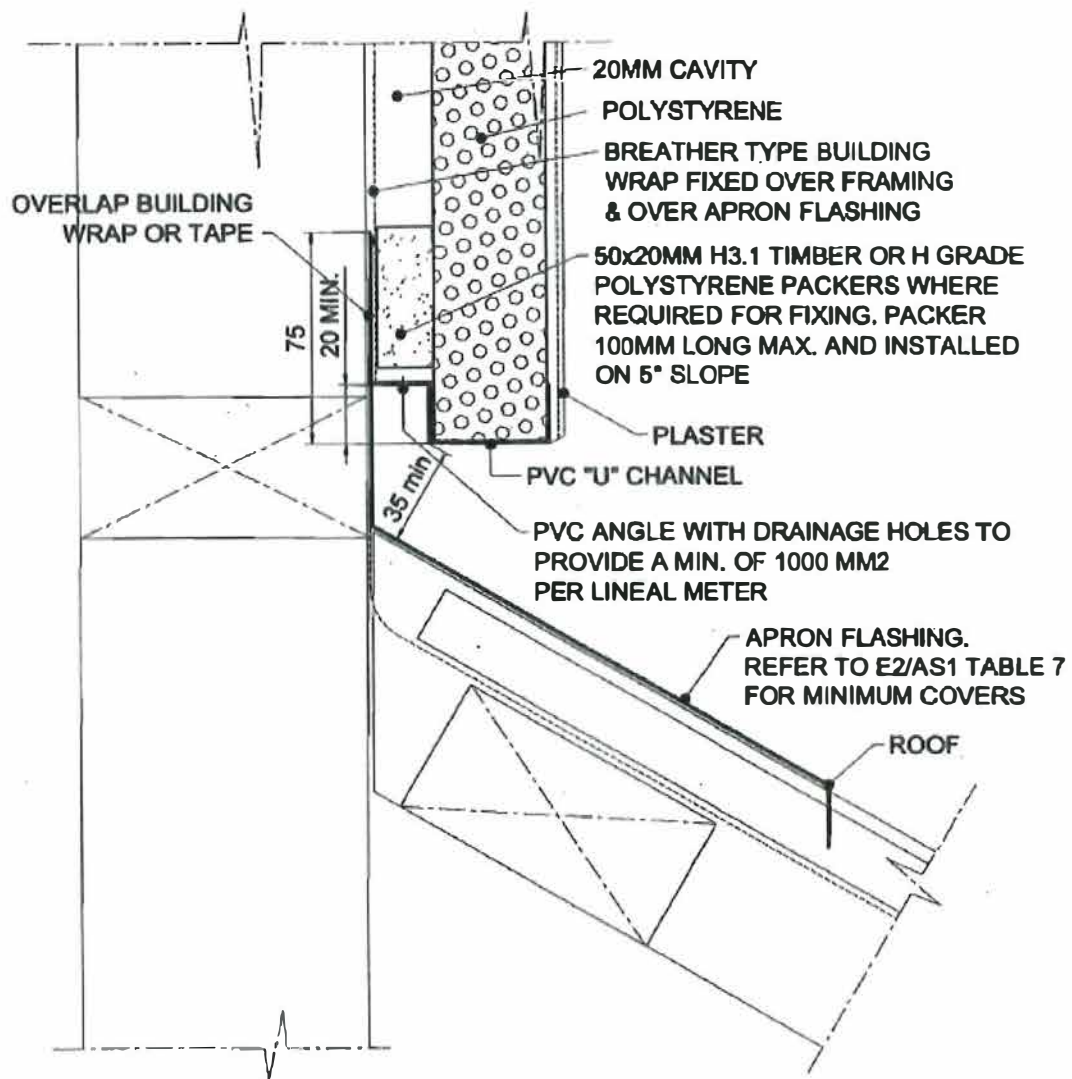
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-008.DWG	Date: 25/05/03	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: EXTERNAL ROUND CORNER		
			Drawing Number: PT-008	Revision: 2	Sheet: 1/1



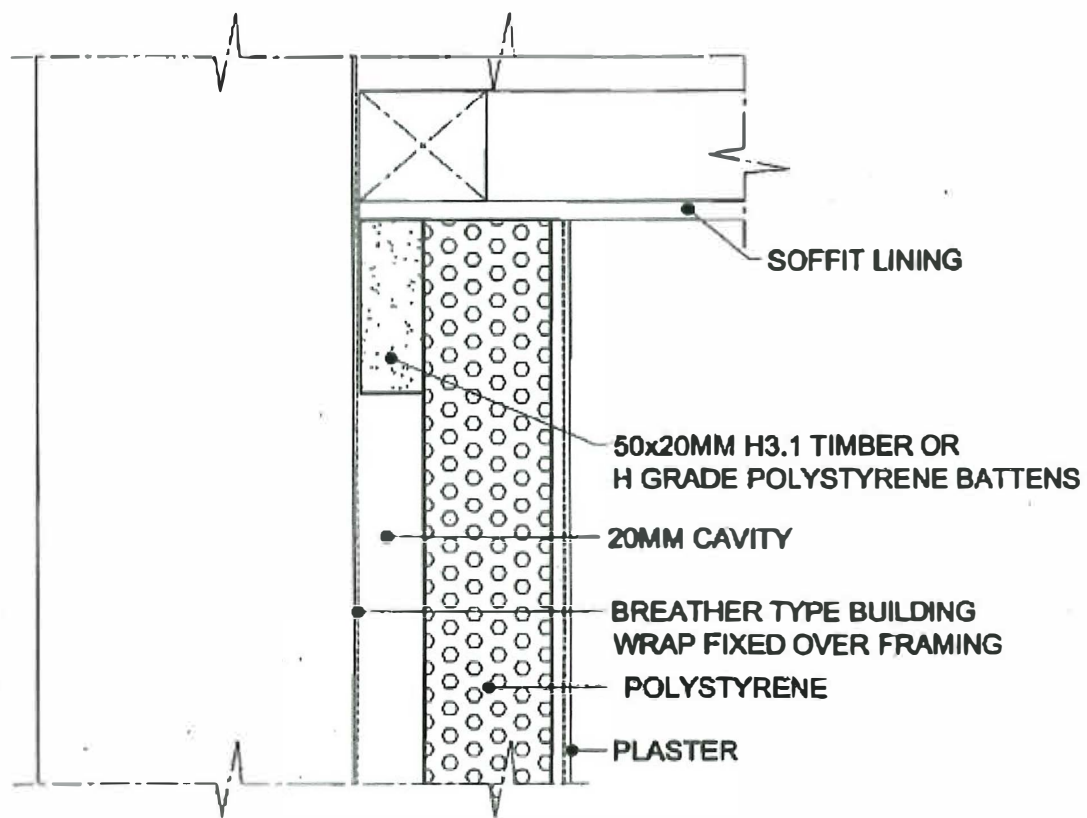
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-009.DWG	Date: 25/05/03	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: FLUSH EAVE		
			Drawing Number: PT-009	Revision: 4	Sheet: 1/1



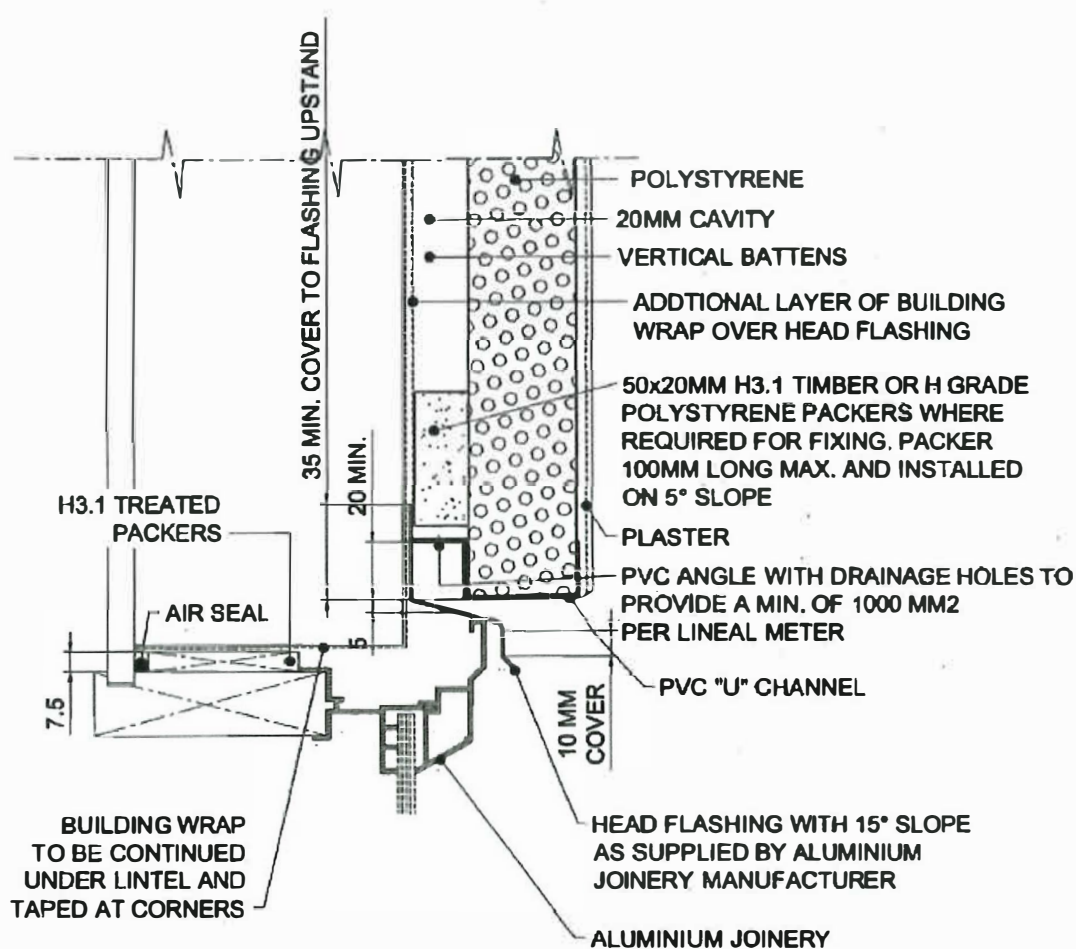
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-010.DWG	Date: 25/05/03	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: SOFFIT EDGE		
			Drawing Number: PT-010	Revision: 5	Sheet: 1/1



Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-011.DWG	Date: 25/05/03	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: ROOF/WALL JUNCTION		
			Drawing Number: PT-011	Revision: 5	Sheet: 1/1



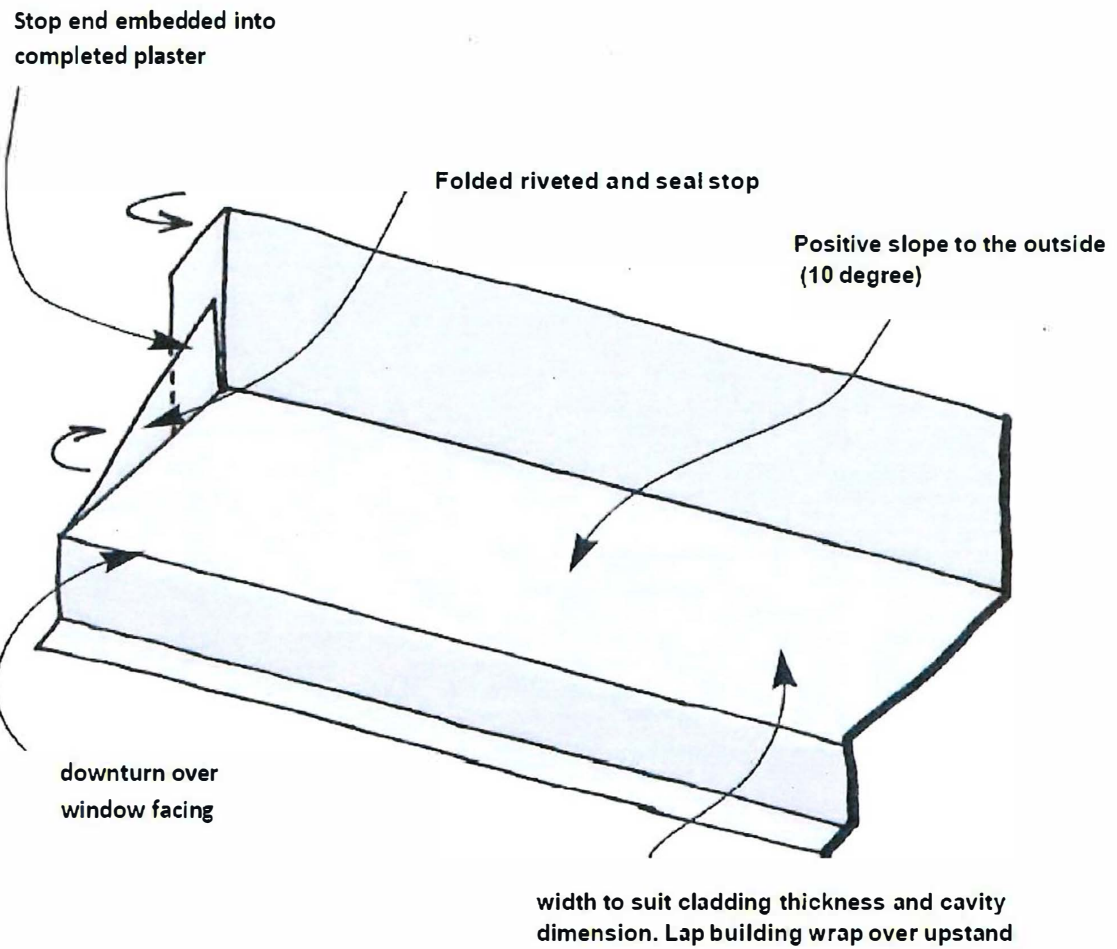
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-012.DWG	Date: 25/05/03	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: SOFFIT		
			Drawing Number: PT-012	Revision: 3	Sheet: 1/1



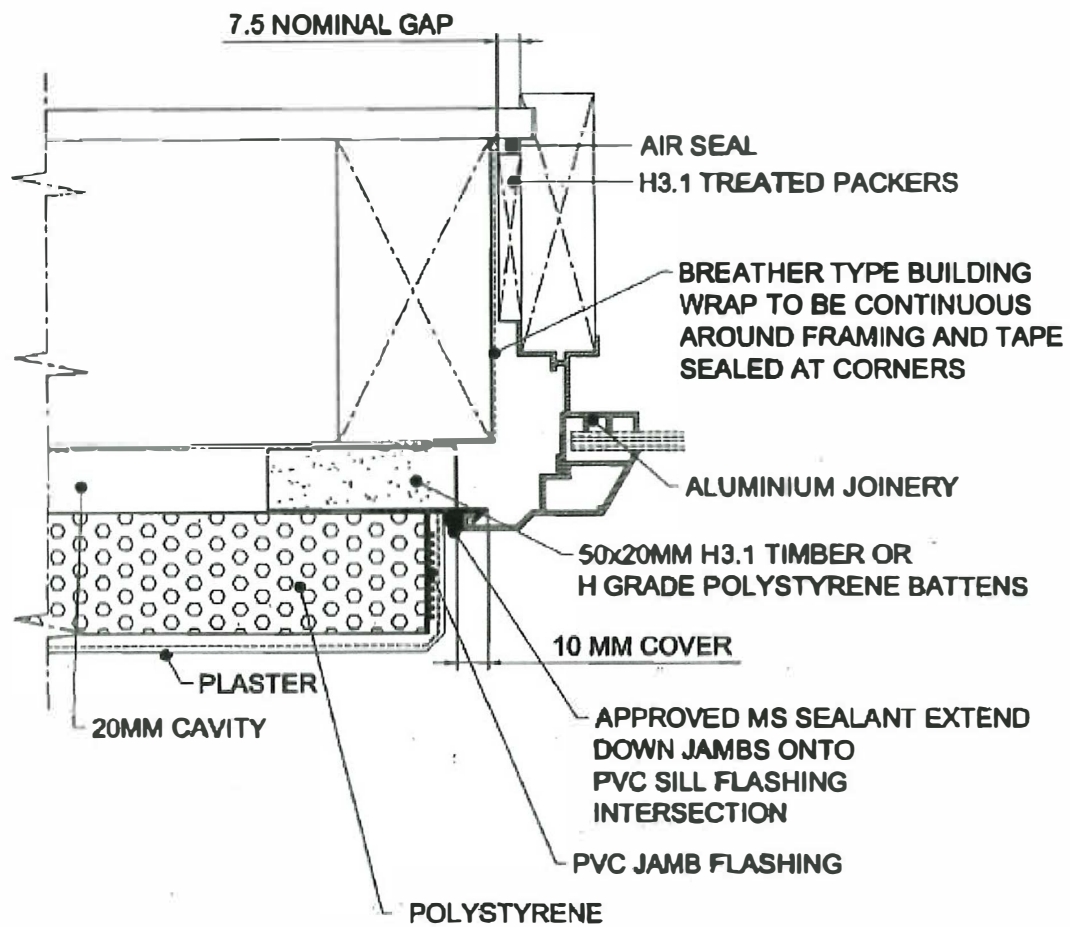
PLEASE NOTE:

1. Head flashing should be the same width as the window/door at framing or garage door opening.
2. Window/door at framing needs to be 25mm from face of timber framing as per diagram above
3. Sealant required at Head for Very High and Extra High wind zones.

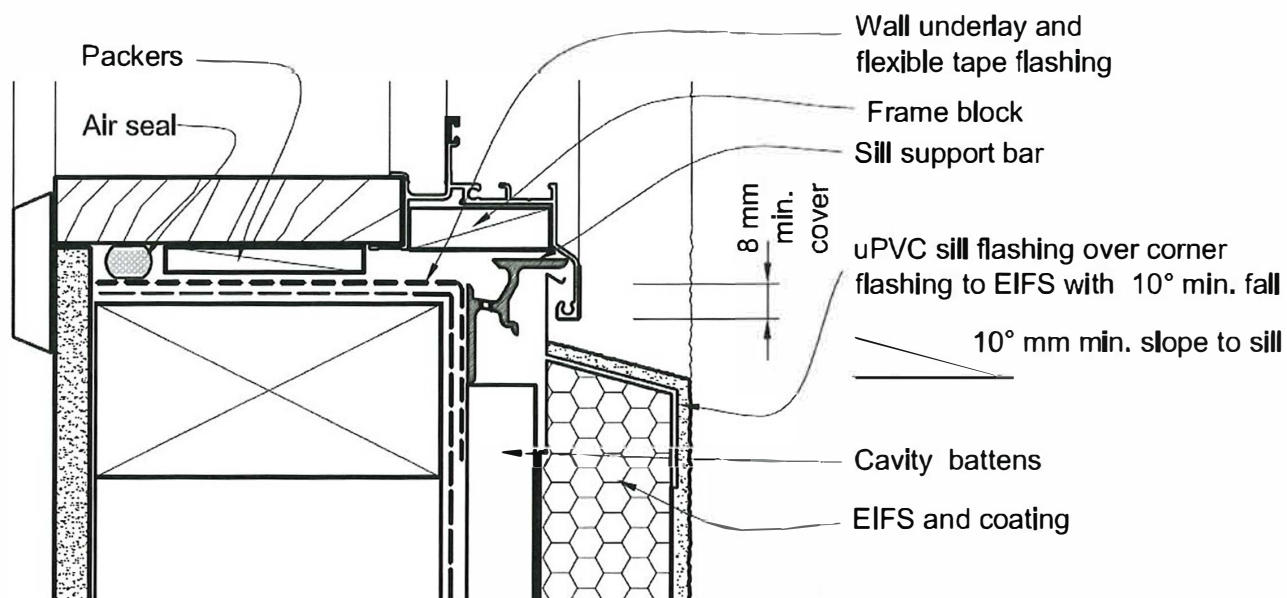
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-013.DWG	Date: 14/03/17	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: HEAD		
			Drawing Number: PT-013	Revision: 5	Sheet: 1/2



Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-013.DWG	Date: 06/09/2013	Scale:
PUTZ TECHNIK			Drawing Title: HEAD FLASHING / ALTERNATIVE SOLUTION		
			Drawing Number: PT-013	Revision: 5	Sheet: 2/2



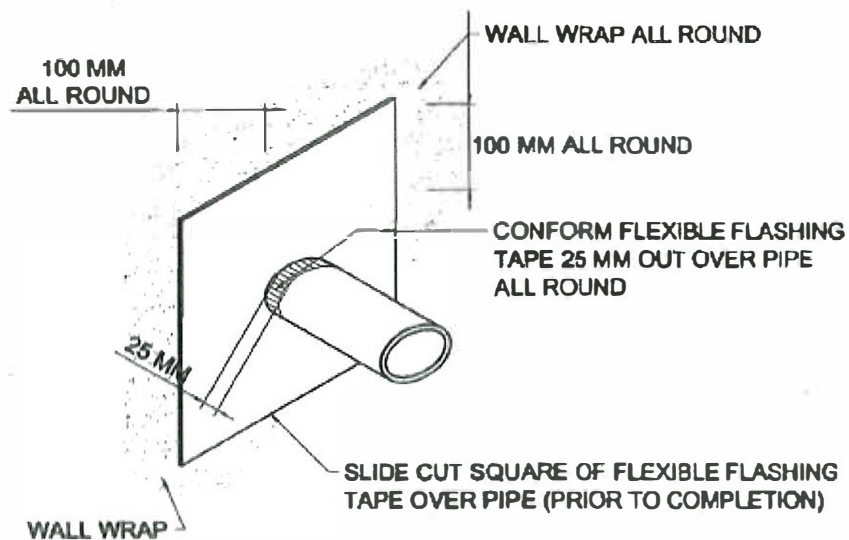
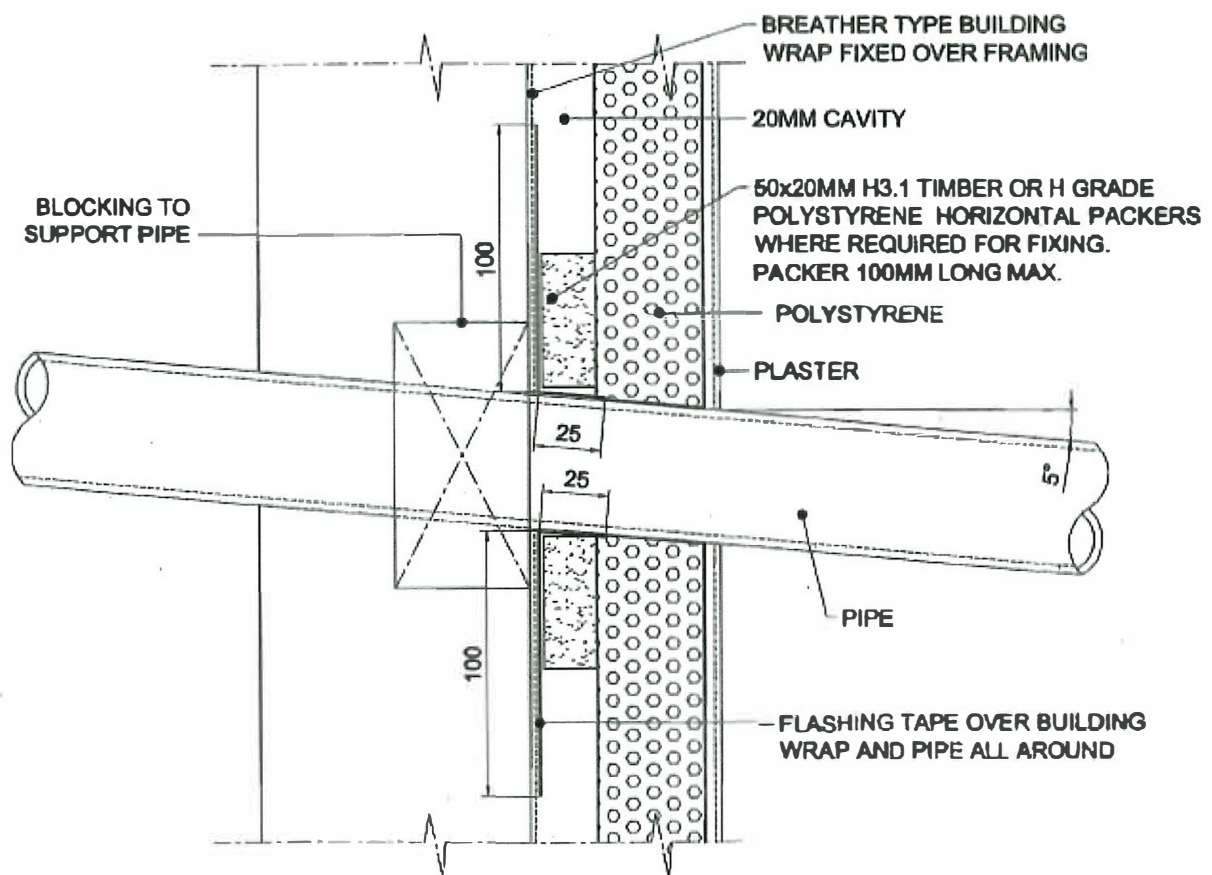
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-014.DWG	Date: 25/05/03	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: JAMB		
			Drawing Number: PT-014	Revision: 3	Sheet: 1/1



PLEASE NOTE:

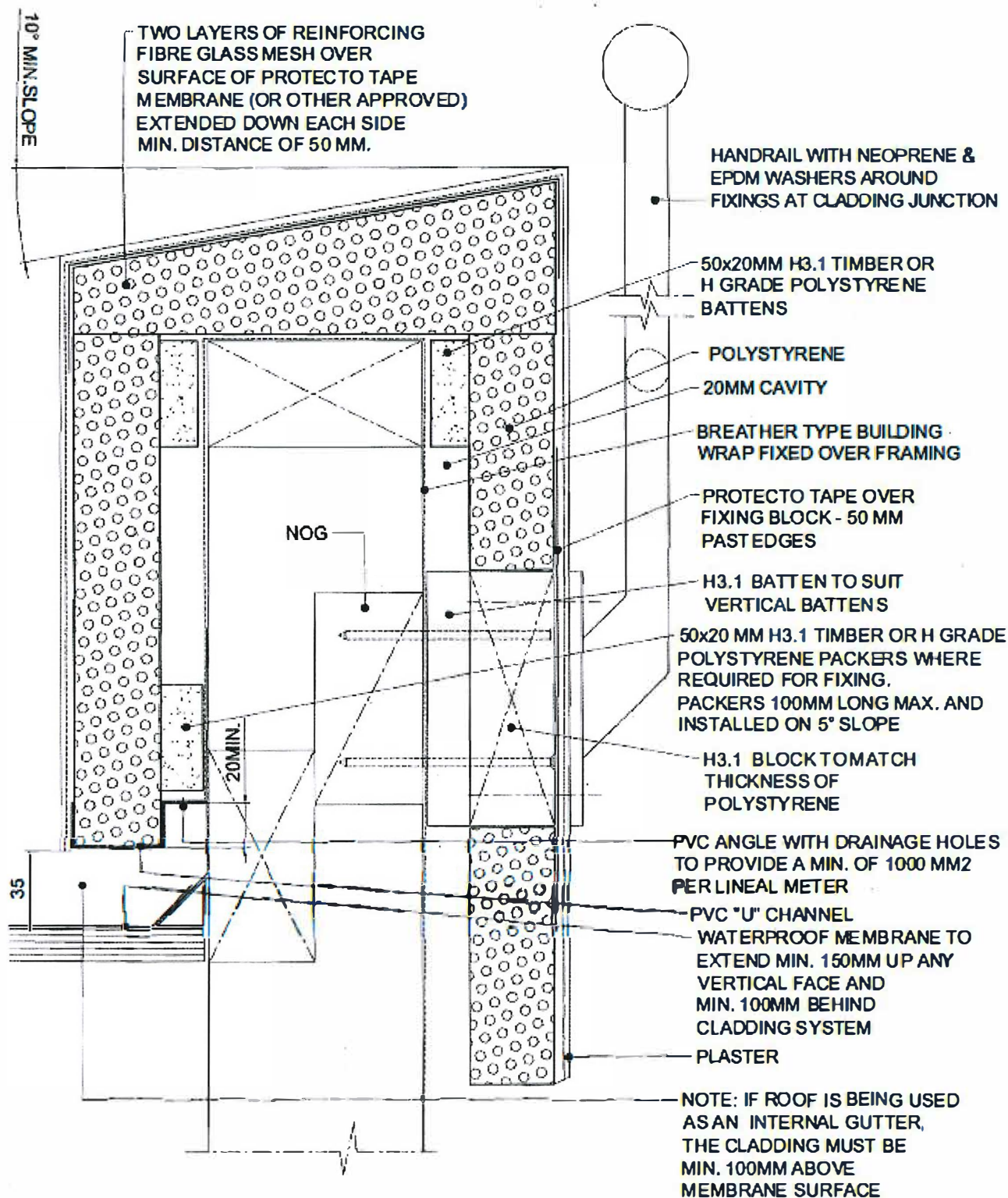
1. Window profile to be selected to achieve cover shown in details.
2. Architraves are shown for consistency only, detail may be used with rebated liner.
3. Sill support bar required conforming with EM6 and NZBC E2/AS1, Paragraph 9.1.10.5.

Designed by:	Checked by:	Approved by:	File Name: PT-015.DWG	Date: 14/03/17	Scale: NTS
PUTZ TECHNIK			Drawing Title: SILL		
			Drawing Number: PT-015	Revision: 4	Sheet: 1/1

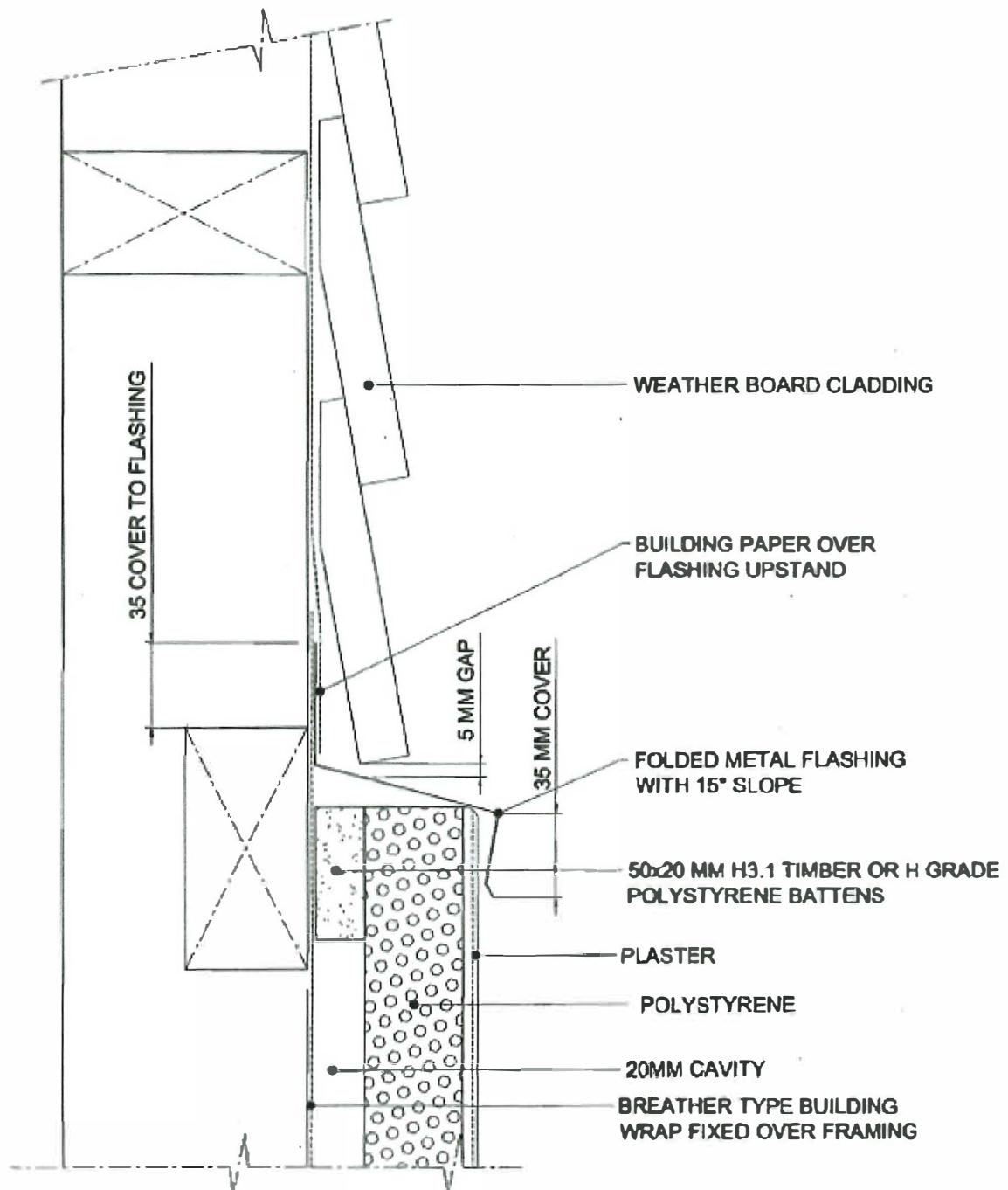


**TYPICAL PIPE PENETRATION
WITH (FLEXIBLE FLASHING TAPE)
ISOMETRIC VIEW**

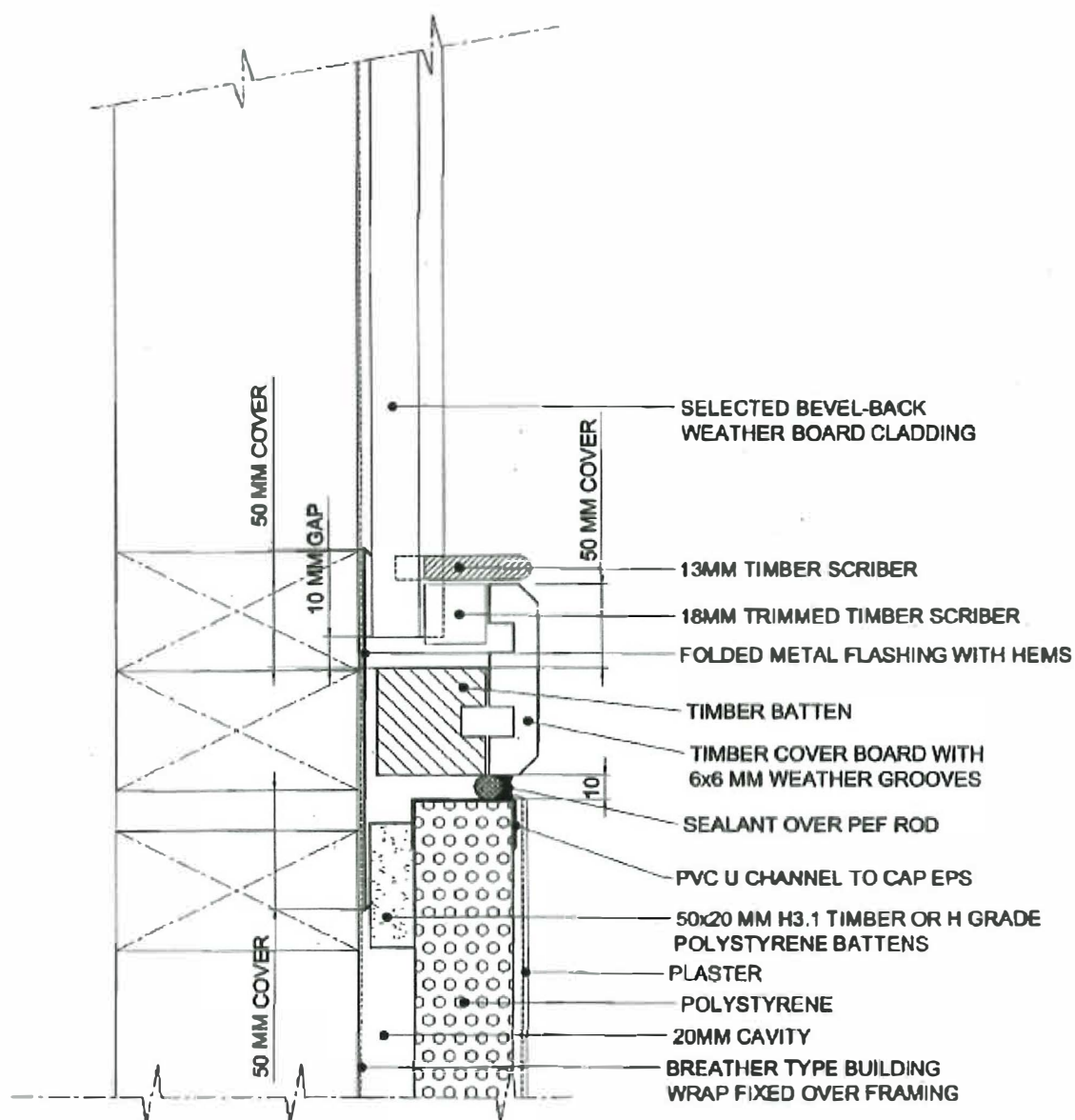
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-020.DWG	Date: 30/07/03	Scale: 1:4 on A4
PUTZ TECHNIK			Drawing Title: TYPICAL PIPE PENETRATION THROUGH WALL		
			Drawing Number: PT-020	Revision: 3	Sheet: 1/1



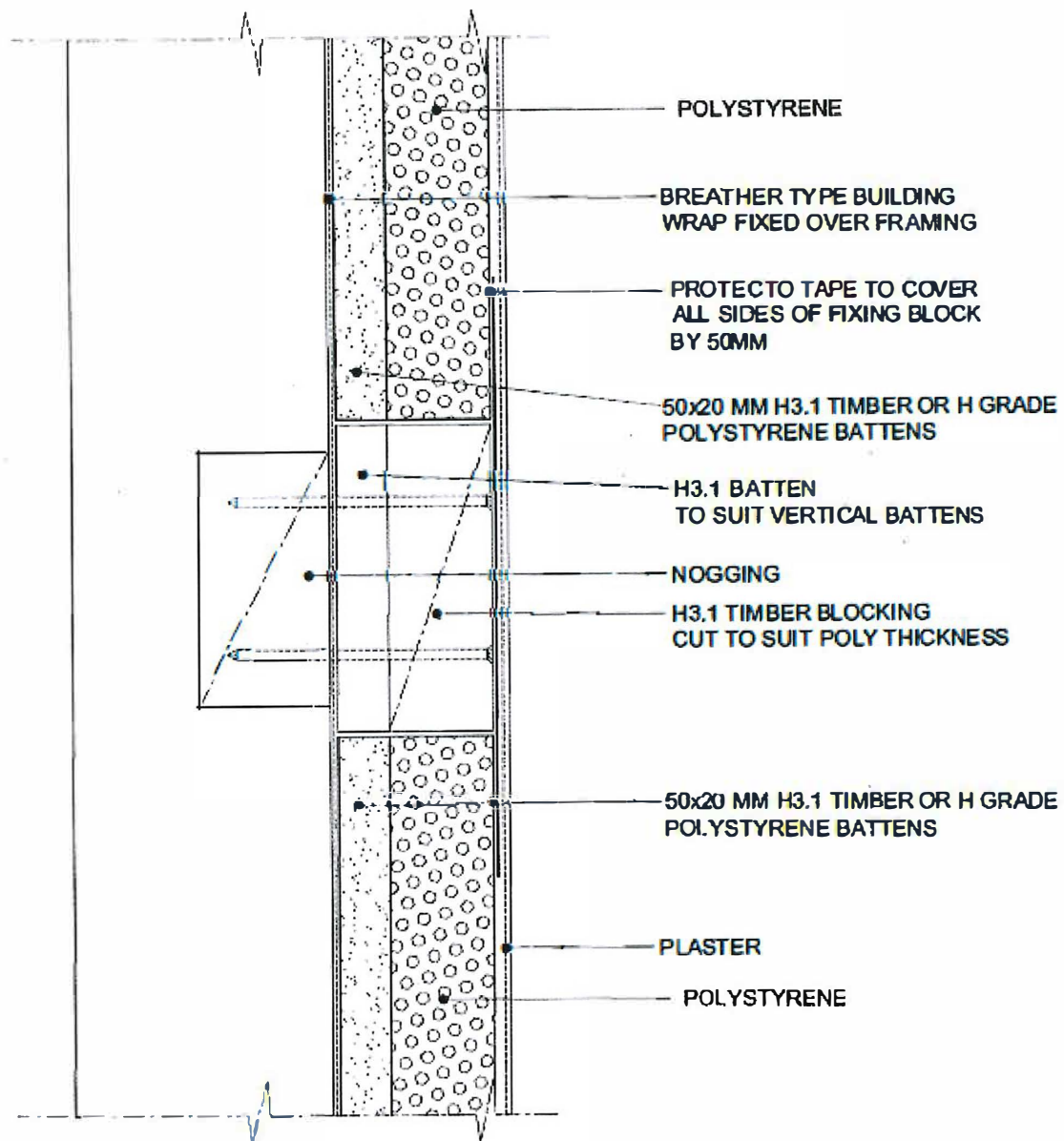
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-021.DWG	Date: 14/03/17	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: PLASTERED CAPPING TO PARAPETS OR BALUSTRADES C/W HANDRAIL		
			Drawing Number: PT-021	Revision: 4	Sheet: 1/1



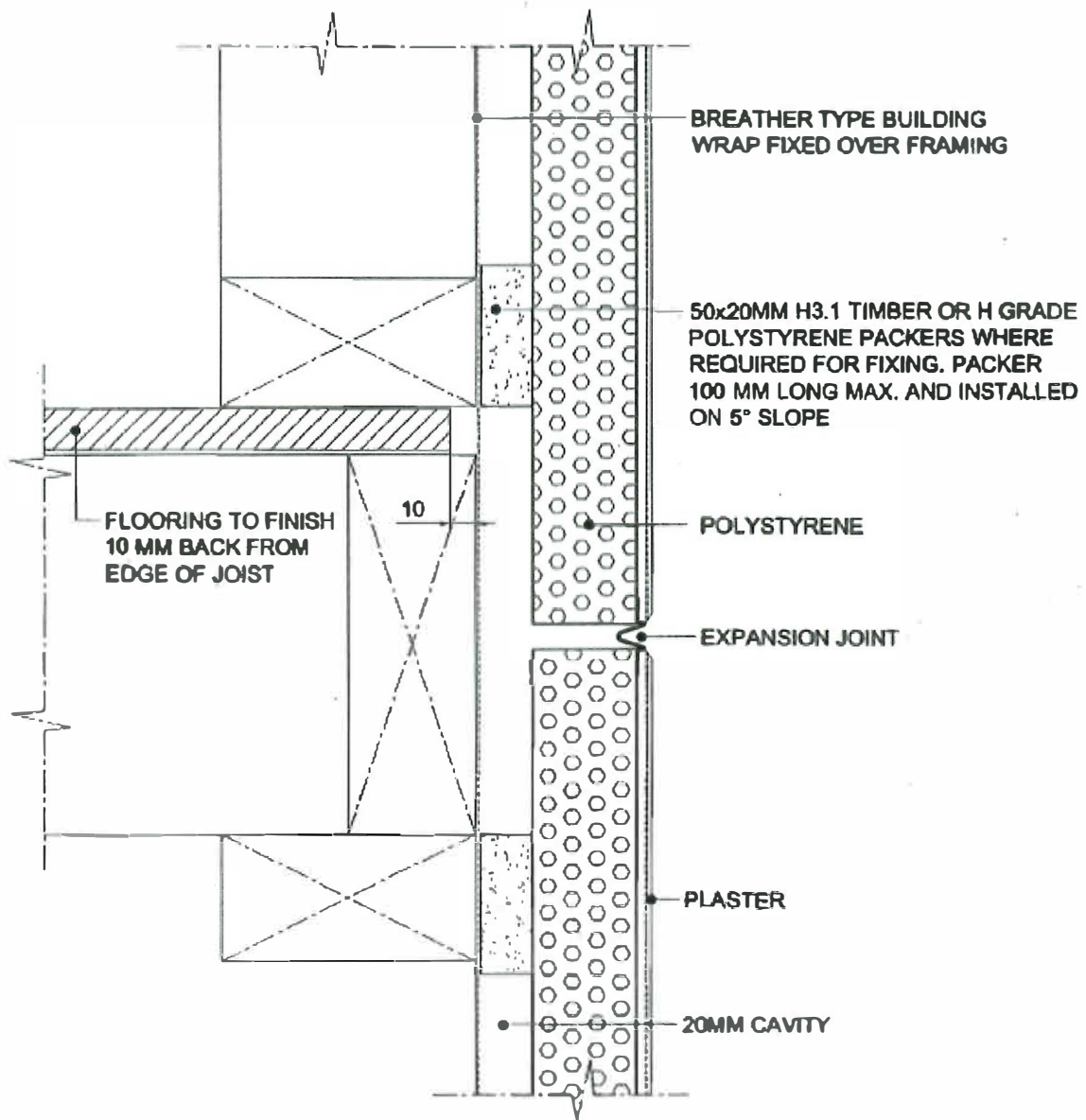
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-023.DWG	Date: 04/08/03	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: WEATHER BOARD ABOVE EIFS		
			Drawing Number: PT-023	Revision: 1	Sheet: 1/1



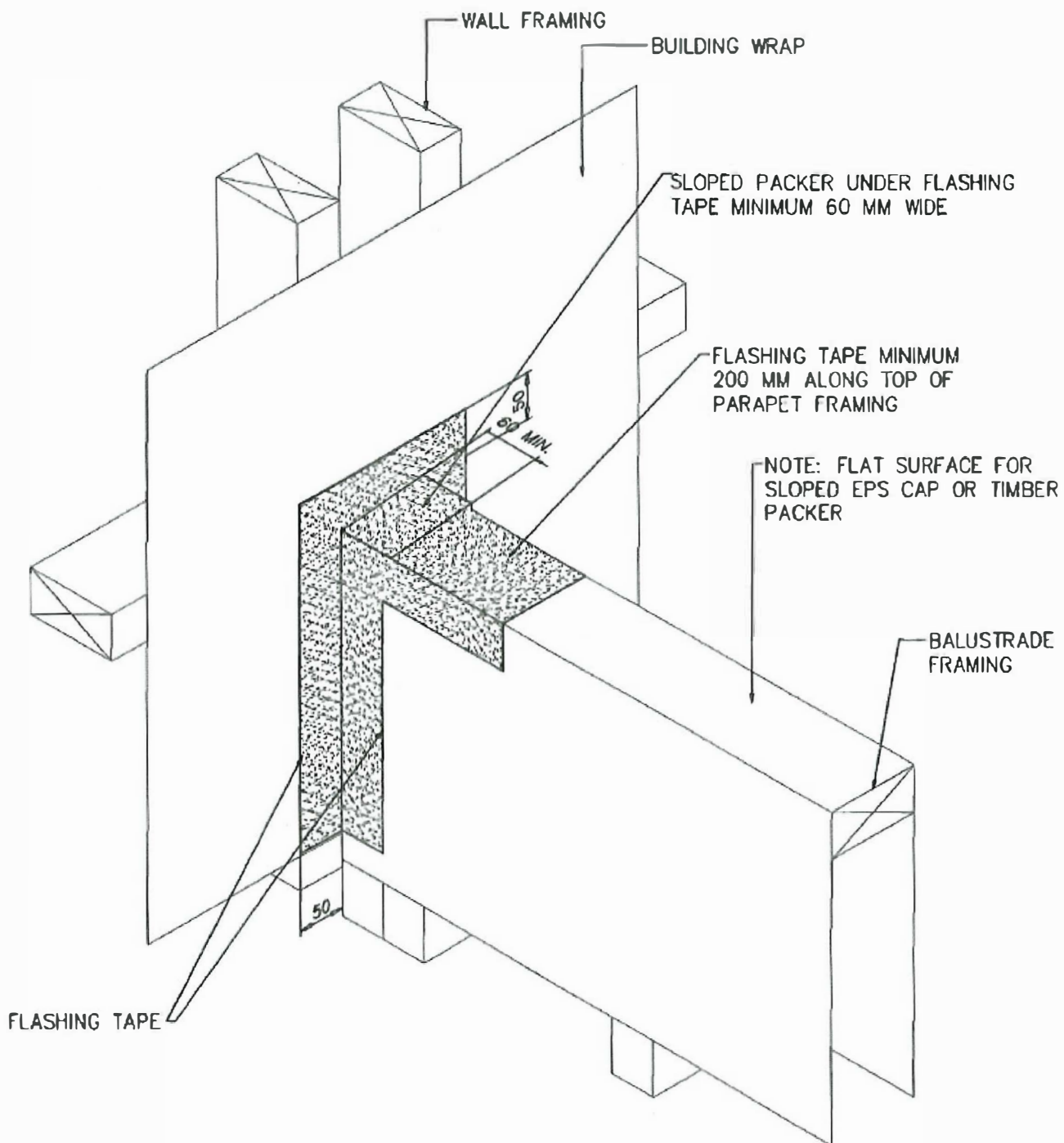
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-024.DWG	Date: 04/08/03	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: WEATHER BOARD EIFS JUNCTION		
			Drawing Number: PT-024	Revision: 1	Sheet: 1/1



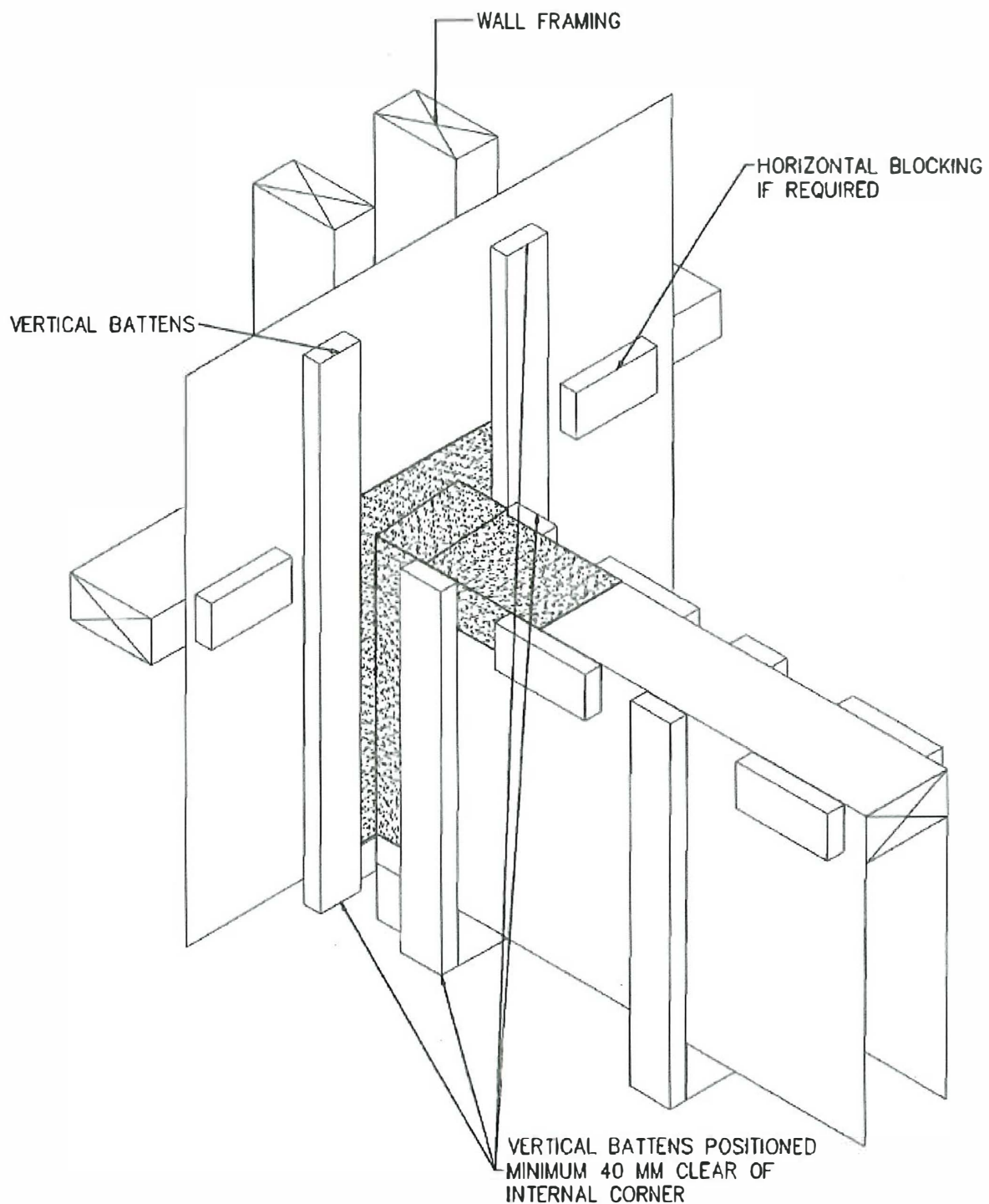
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-025.DWG	Date: 14/03/17	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: FIXING BLOCK		
			Drawing Number: PT-025	Revision: 3	Sheet: 1/1



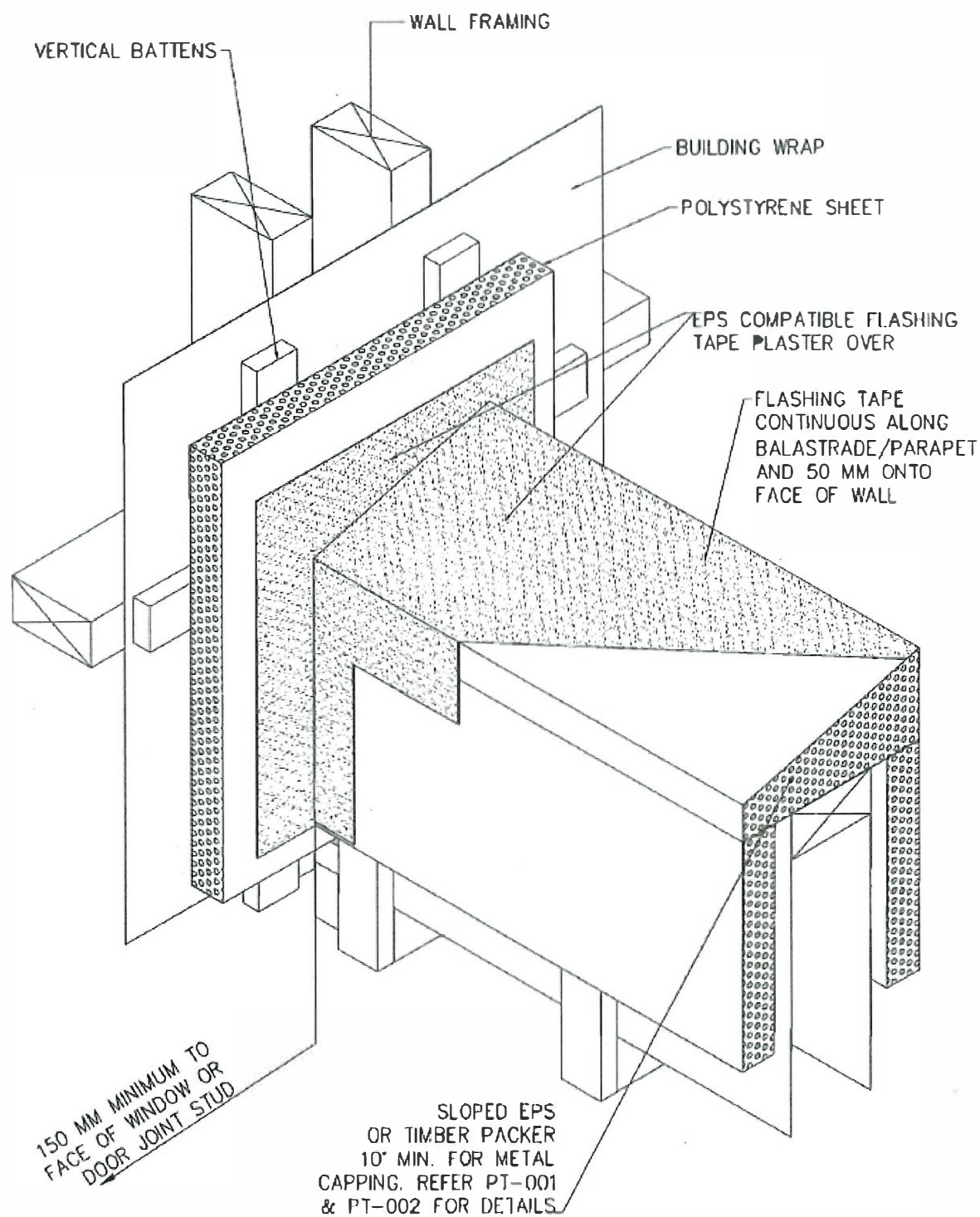
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-028.DWG	Date: 18/08/03	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: HORIZONTAL EXPANSION JOINT		
			Drawing Number: PT-028	Revision: 2	Sheet: 1/1



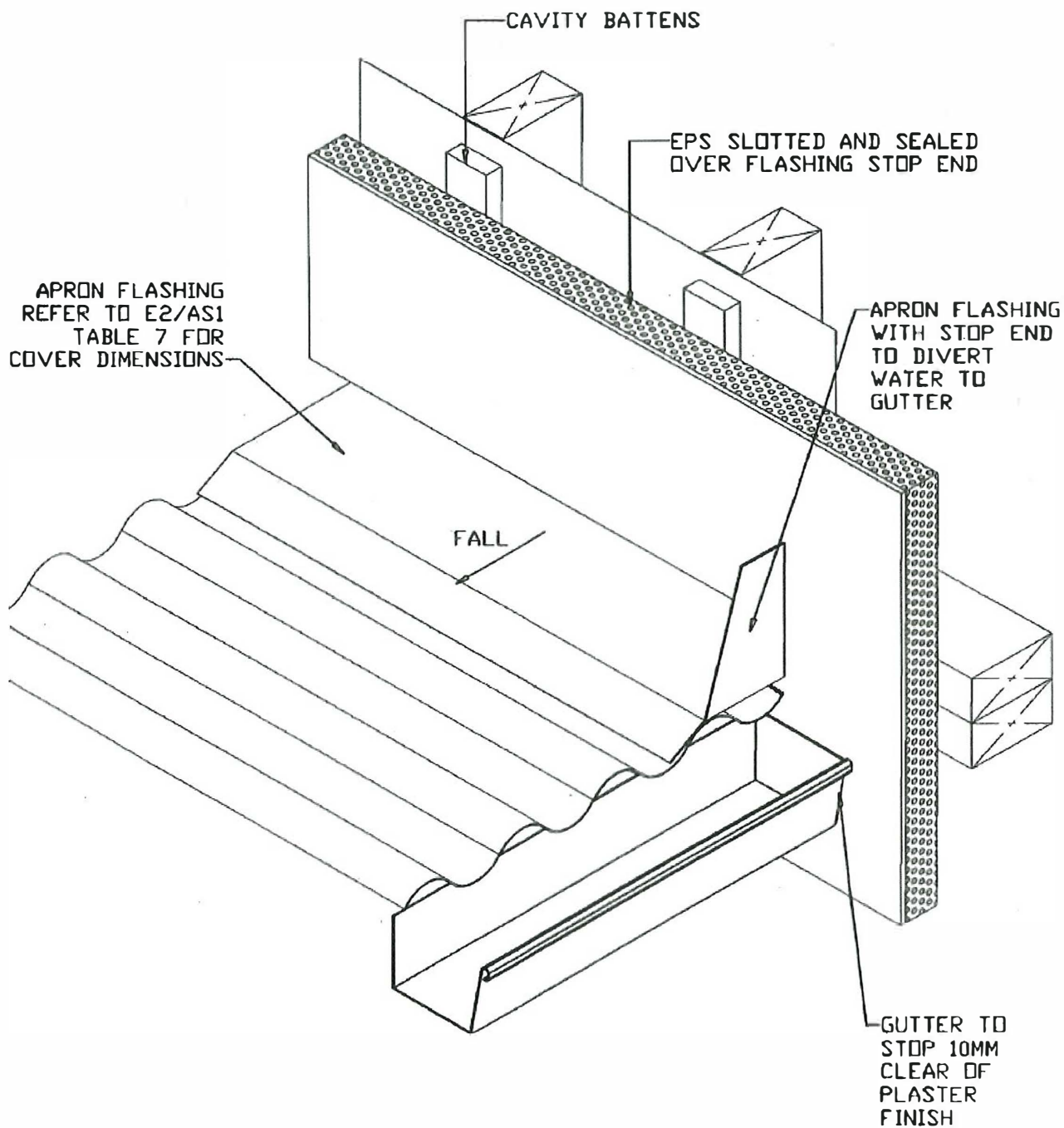
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-029.DWG	Date: 17/09/03	Scale: 1:5 on A4
PUTZ TECHNIK			Drawing Title: BALUSTRADE TO WALL JOINT DETAILS STEP 1: FLASHING TAPE OVER BUILDING WRAP		
			Drawing Number: PT-029	Revision: 2	Sheet: 1/3



Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-029.DWG	Date: 17/09/03	Scale: 1:5 on A4
PUTZ TECHNIK			Drawing Title: BALUSTRADE TO WALL JOINT DETAILS STEP 2: BATTENS		
			Drawing Number: PT-029	Revision: 2	Sheet: 2/3



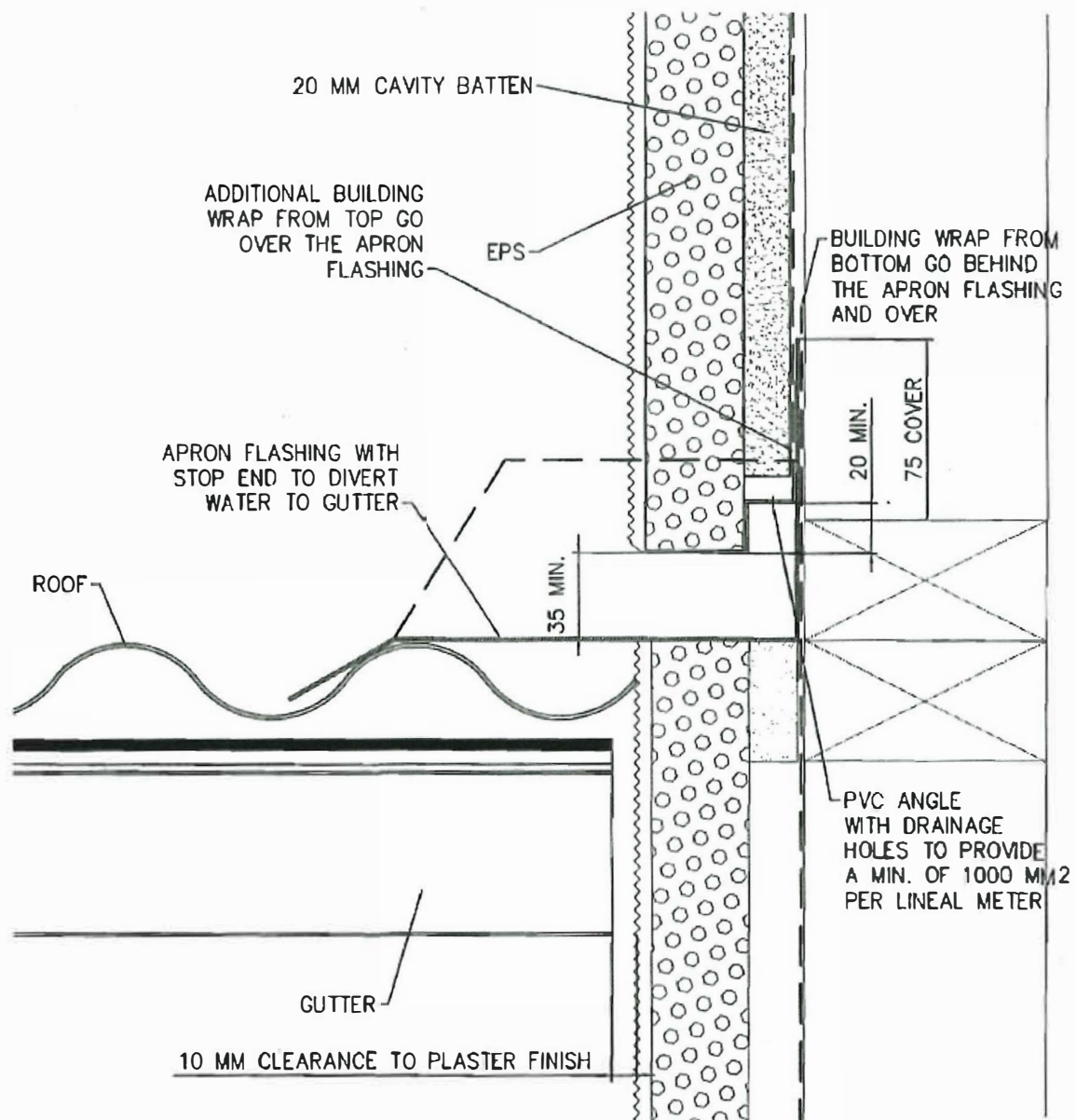
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-029.DWG	Date: 17/09/03	Scale: 1:5 on A4
PUTZ TECHNIK			Drawing Title: BALUSTRADE TO WALL JOINT DETAILS STEP 3: FLASHING TAPE OVER EPS		
			Drawing Number: PT-029	Revision: 2	Sheet: 3/3



PLEASE NOTE:

Transition tray flashing not shown for clarity. See E2/AS1, Fig 8B.

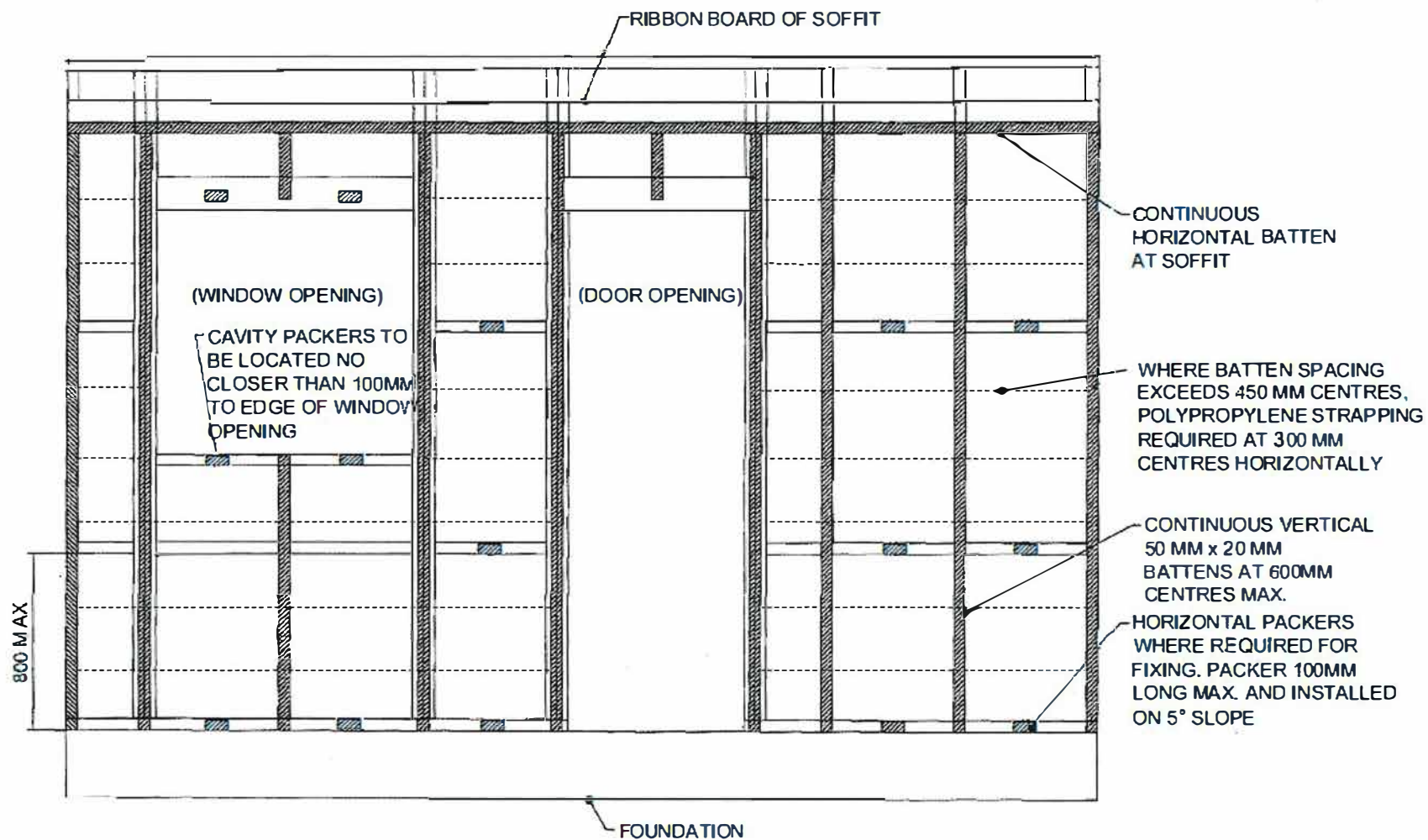
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-030.DWG	Date: 14/03/17	Scale: 1:5 on A4
PUTZ TECHNIK			Drawing Title: WEATHER BOARD EIFS JUNCTION		
			Drawing Number: PT-030	Revision: 2	Sheet: 1/1



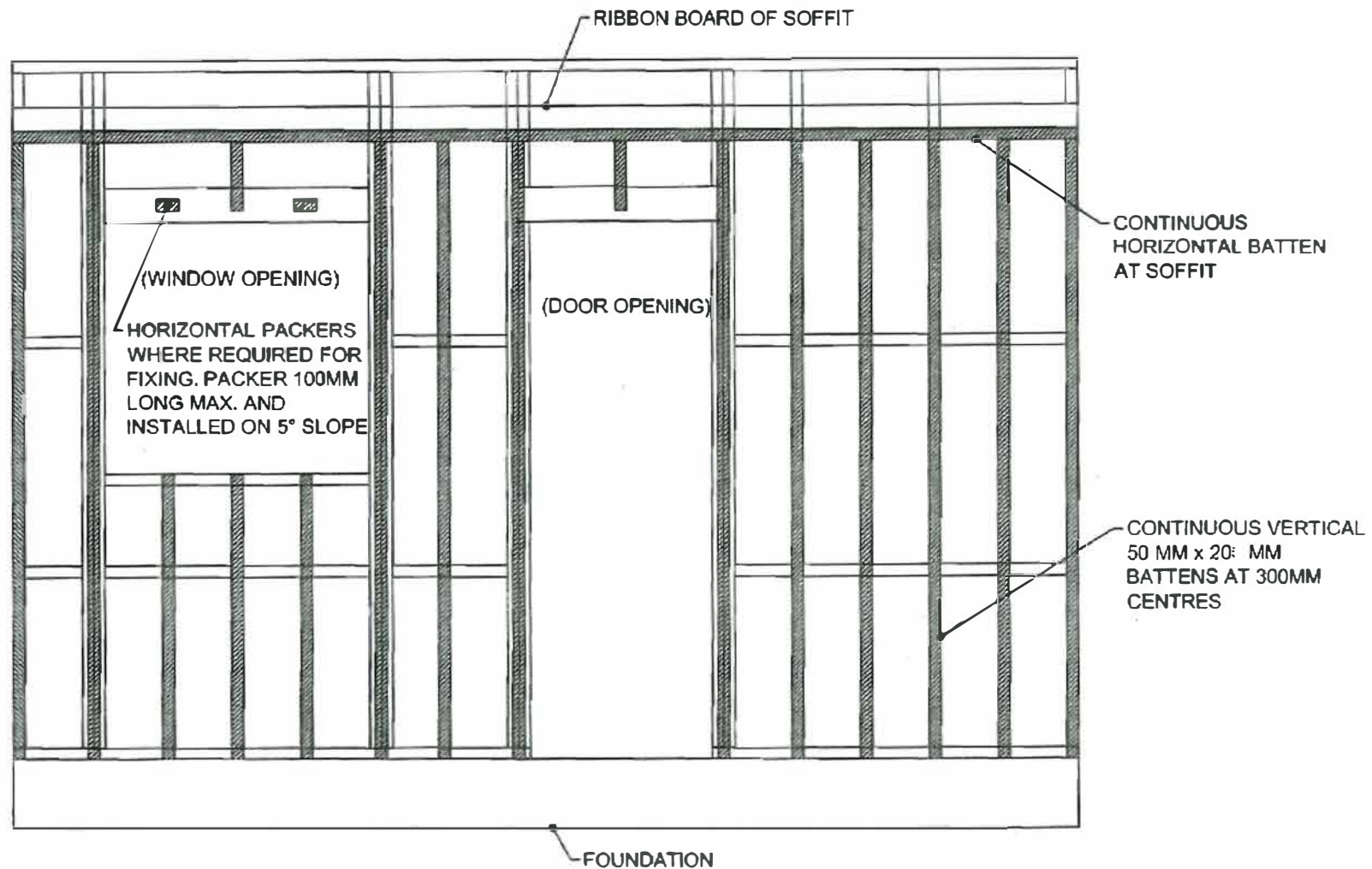
PLEASE NOTE:

Gutter to be installed only after plastering of the wall has been completed.

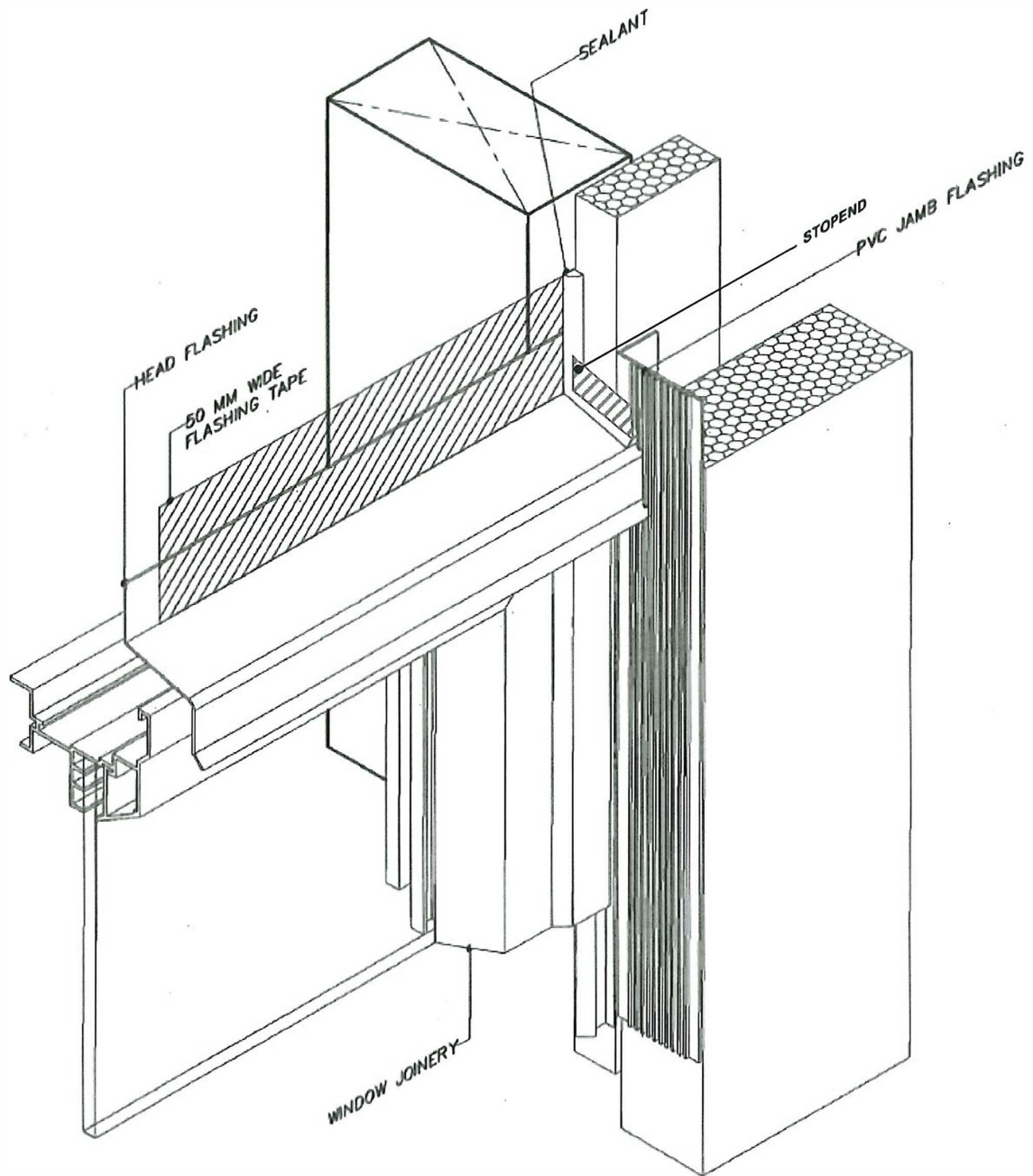
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-030.DWG	Date: 17/09/03	Scale: 1:5 on A4
PUTZ TECHNIK			Drawing Title: APRON FLASHING DETAILS		
			Drawing Number: PT-030	Revision: 3	Sheet: 2/2



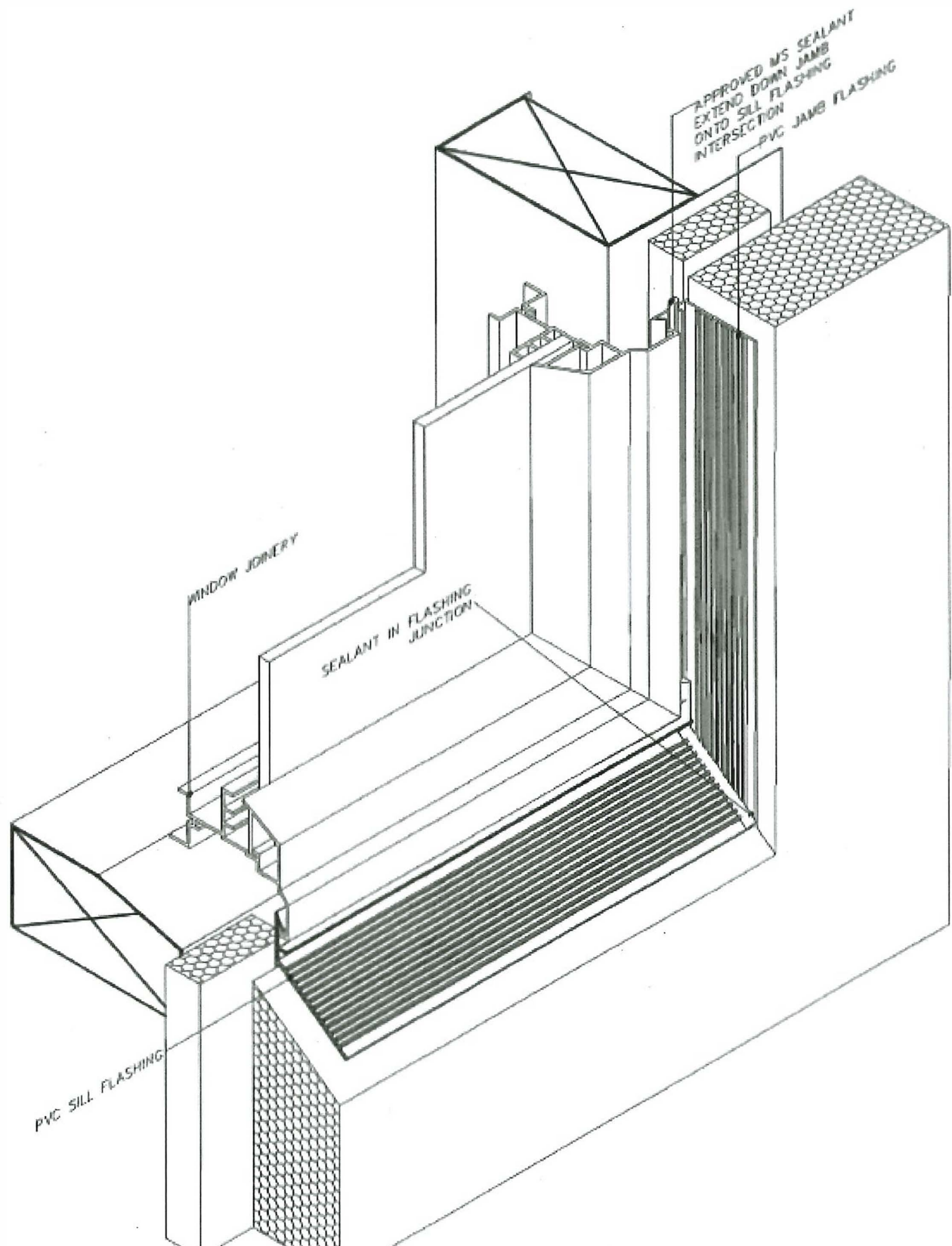
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-031.DWG	Date: 14/03/17	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: TYPICAL BATTEN LAYOUT		
			Drawing Number: PT-031	Revision: 3	Sheet: 1/1



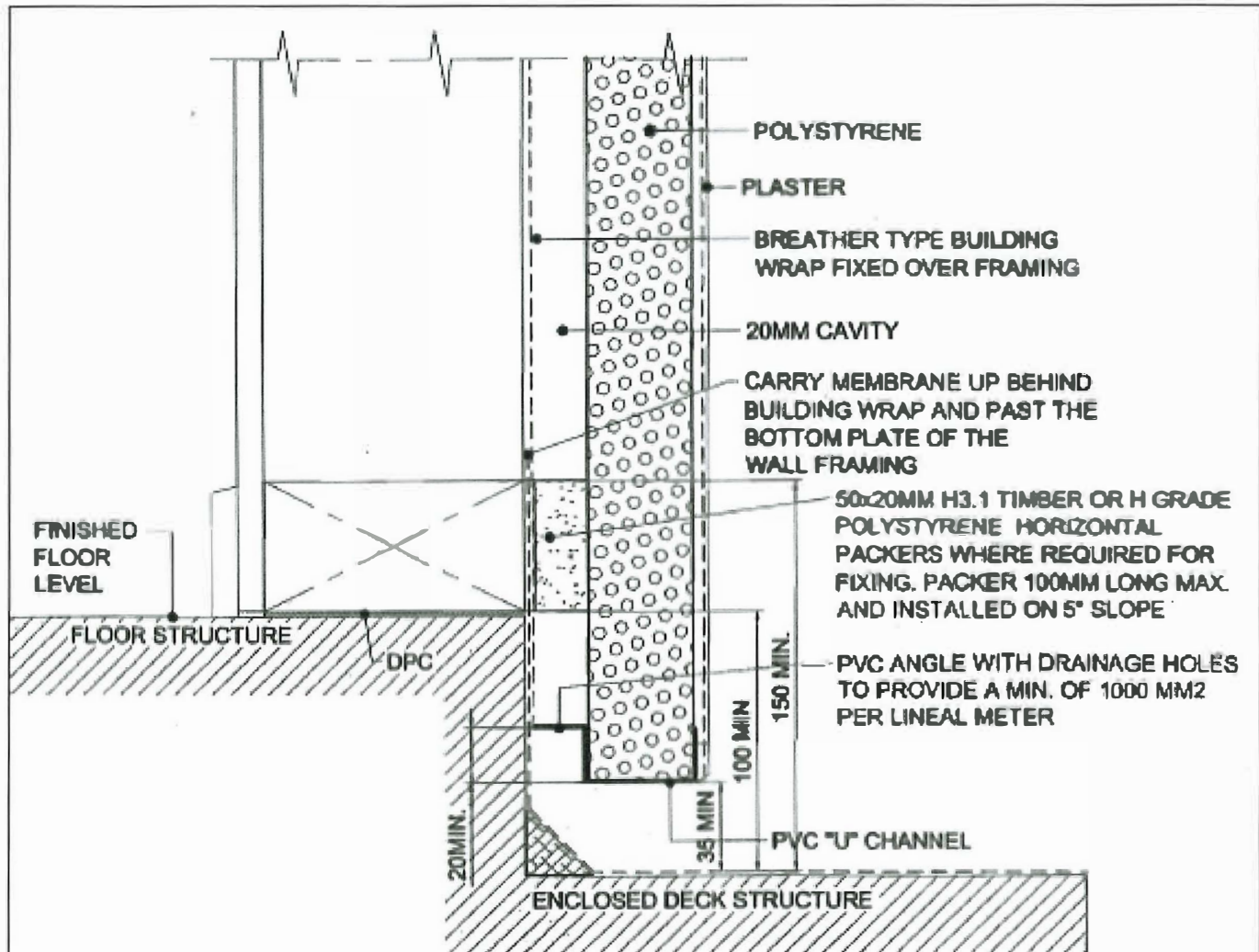
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-032.DWG	Date: 20/09/03	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: TYPICAL BATTEN LAYOUT ALTERNATIVE OPTION		
			Drawing Number: PT-032	Revision: 2	Sheet: 1/1



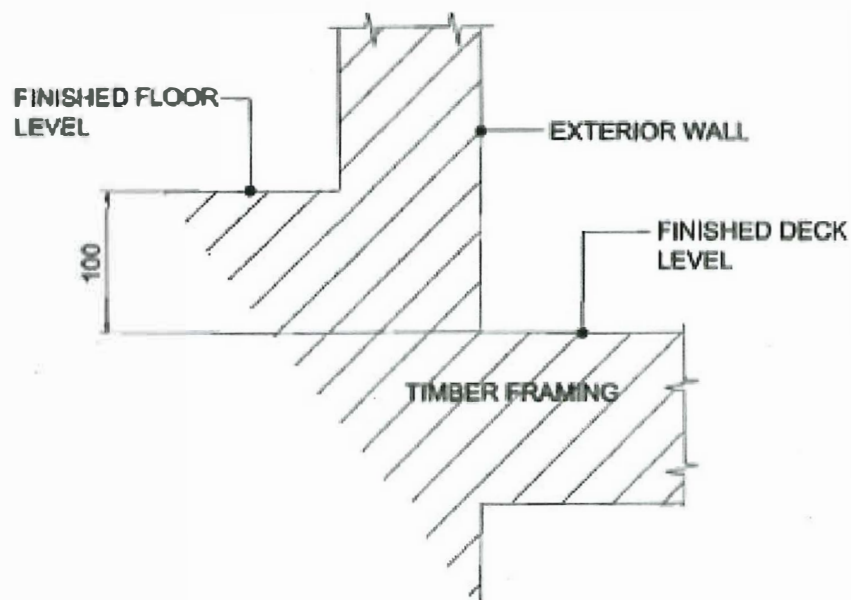
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-034.DWG	Date: 14/03/17	Scale: 1:2 on A4
PUTZ TECHNIK			Drawing Title: HEAD/JAMB JUNCTION DETAIL		
			Drawing Number: PT-034	Revision: 1	Sheet: 1/1



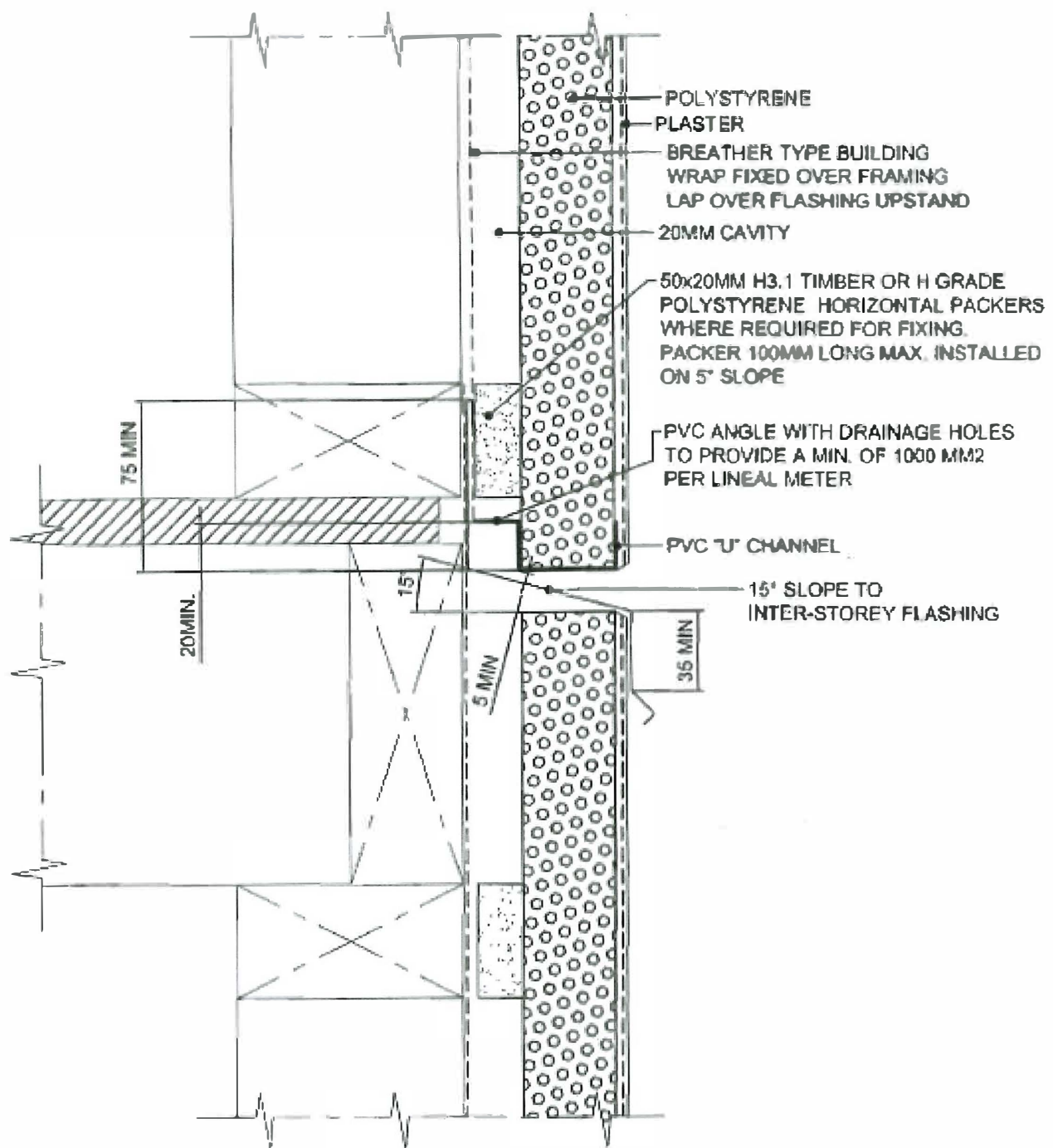
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-035.DWG	Date: 19/10/04	Scale: 1:2 on A4
PUTZ TECHNIK			Drawing Title: JAMB/SILL JUNCTION DETAIL		
			Drawing Number: PT-035	Revision: 0	Sheet: 1/1



CAVITY THRESHOLD AT WALL

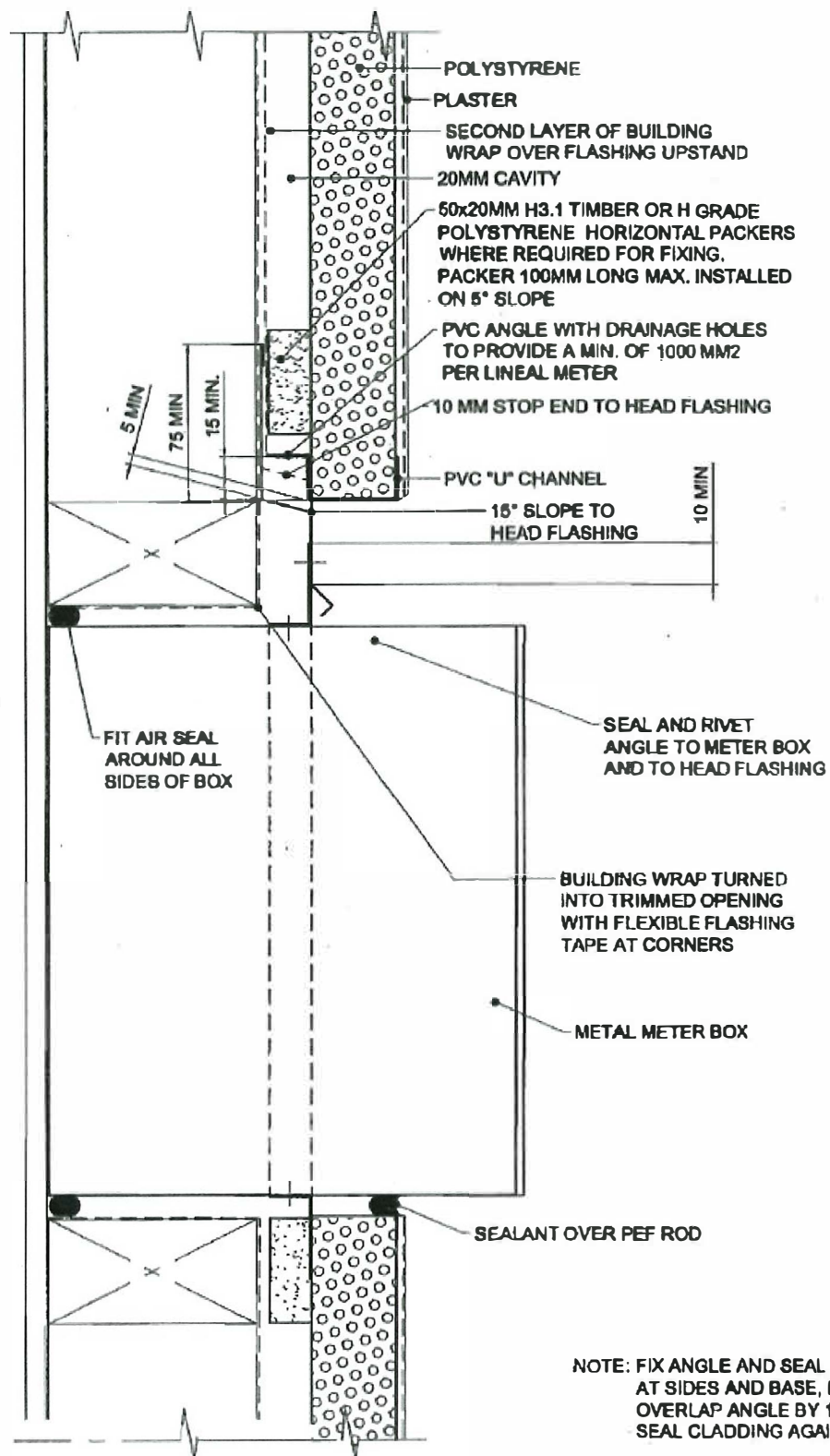


Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-037.DWG	Date: 19/10/04	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: CAVITY THRESHOLD AT WALL ABOVE DECK		
			Drawing Number: PT-037	Revision: 1	Sheet: 1/1

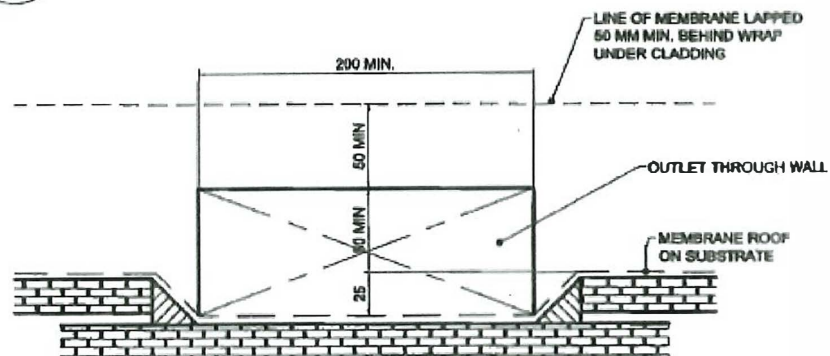
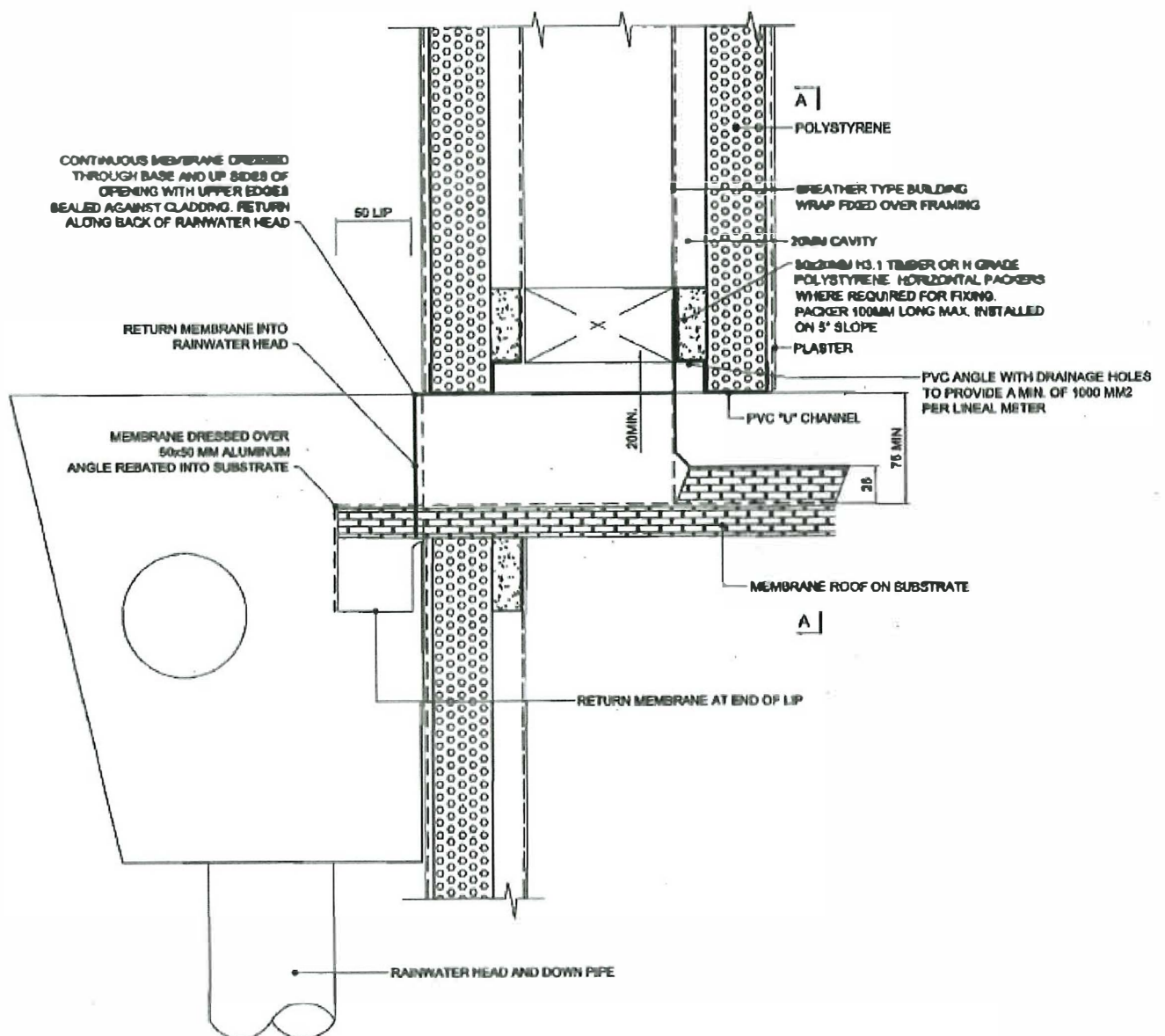


INTERSTORY DRAINED JOINTS MUST BE PROVIDED FOR WALLS OVER 2-STOREY IN HEIGHT IN ACCORDANCE WITH E2/AS1 PARAGRAPH 9.1.9.4 (b)

Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-038.DWG	Date: 19/10/04	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: GENERAL INTER-STOREY JUNCTION		
			Drawing Number: PT-038	Revision: 1	Sheet: 1/1

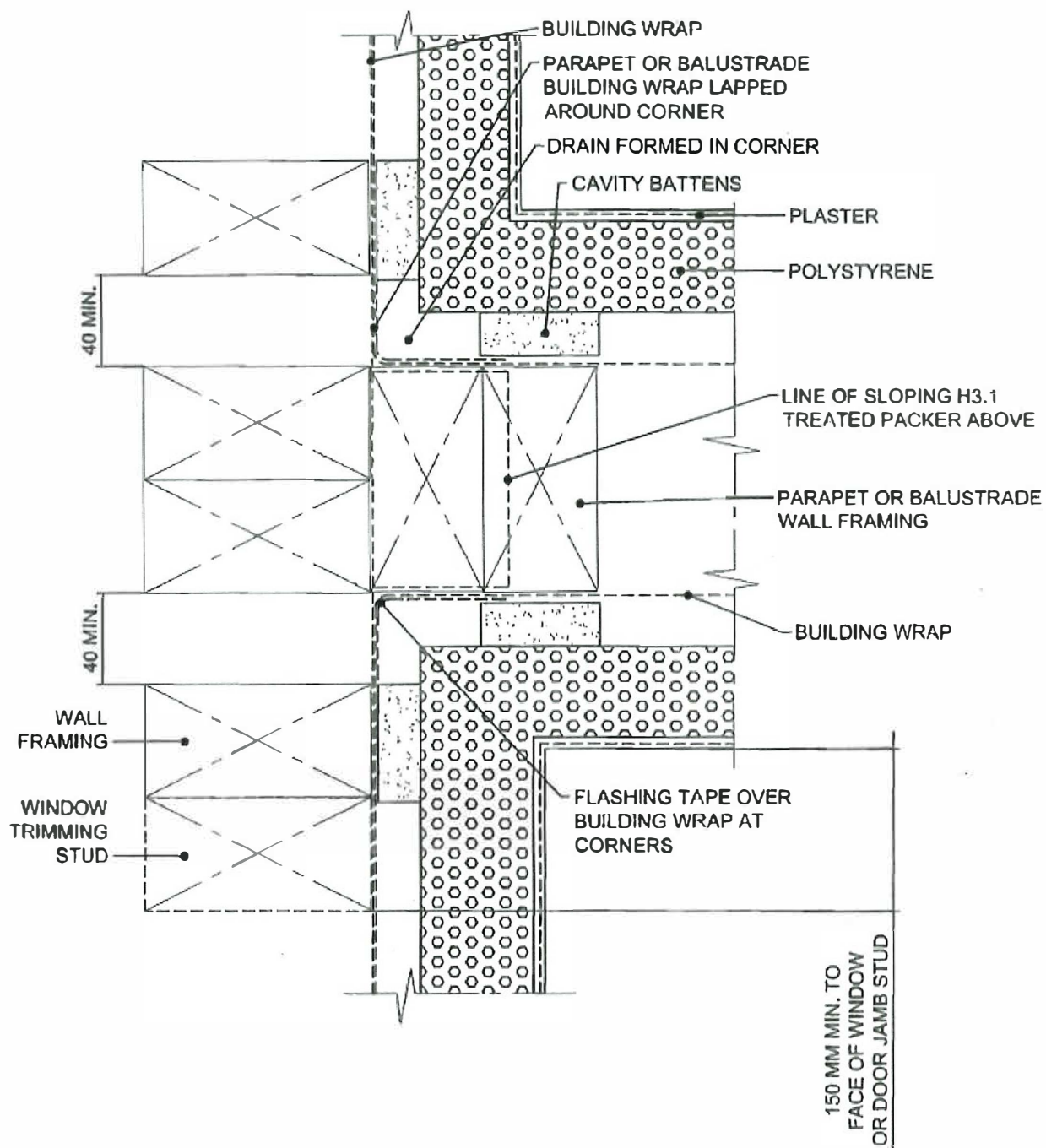


Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-039.DWG	Date: 19/10/04	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: METER BOX INSTALLATION		
			Drawing Number: PT-039	Revision: 3	Sheet: 1/1



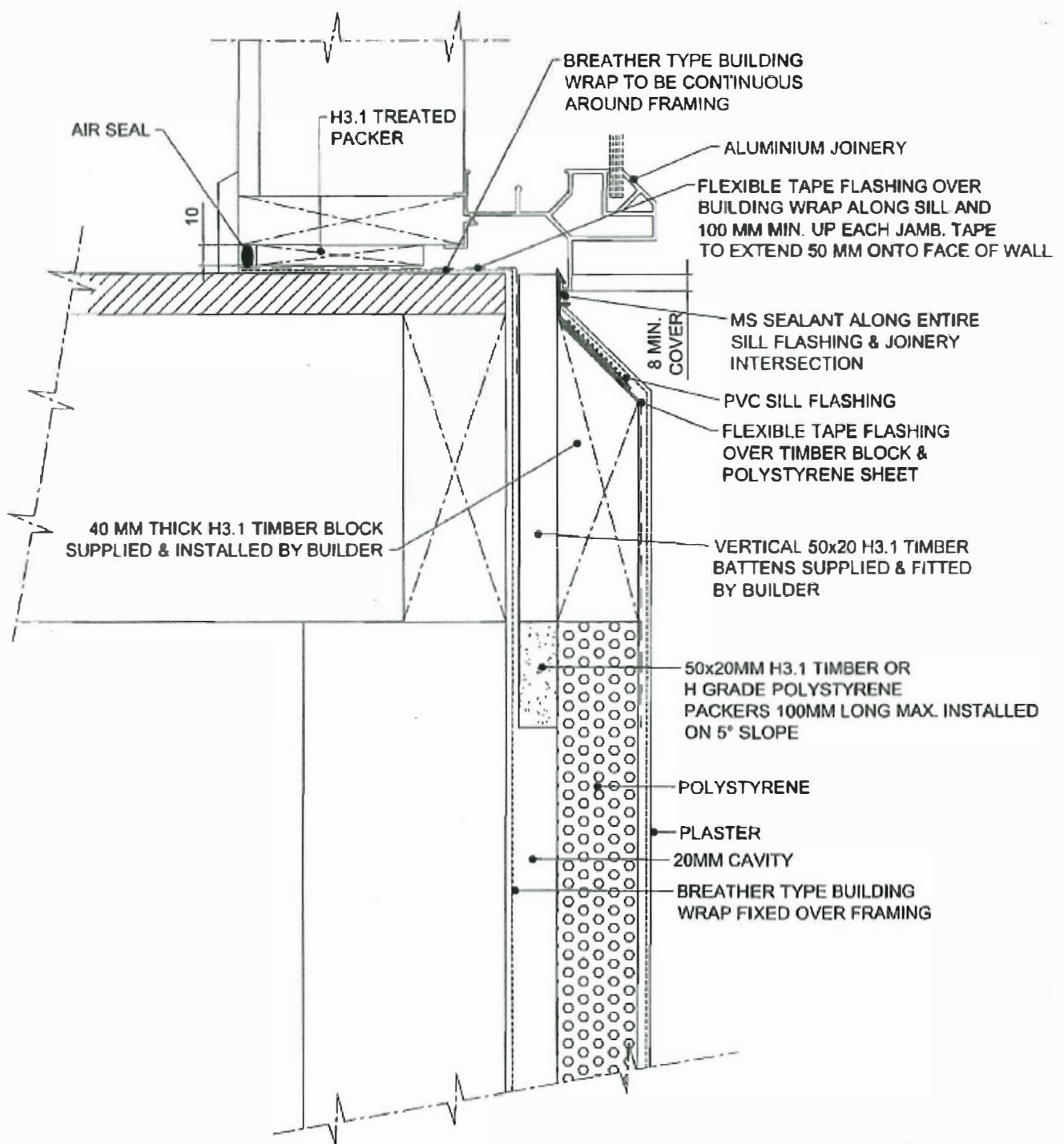
A-A SECTION

Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-040.DWG	Date: 19/10/04	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: OUTLET THROUGH WALL FOR RAINWATER HEAD		
			Drawing Number: PT-040	Revision: 1	Sheet: 1/1

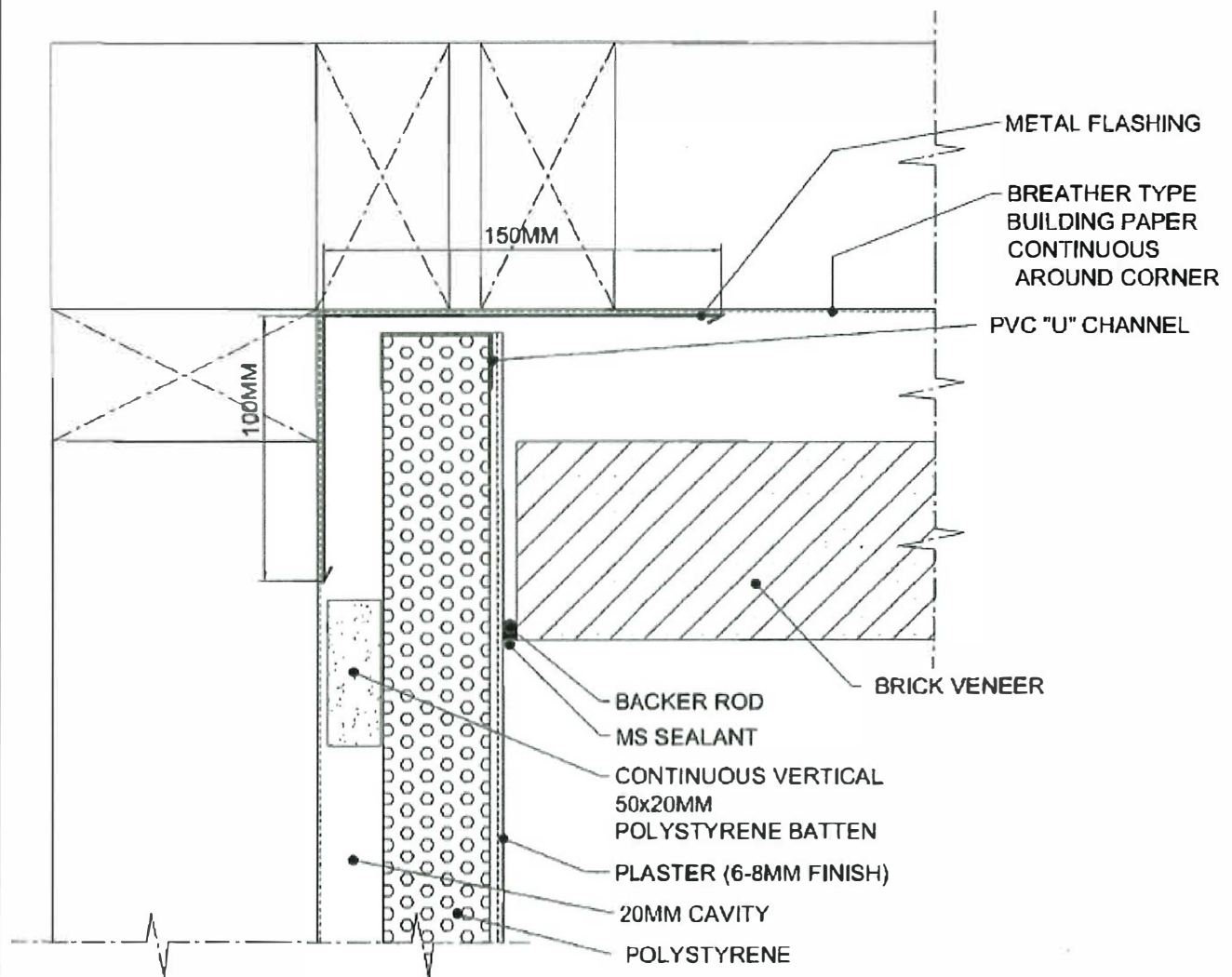


NOTE: PLAN VIEW IS THROUGH BALUSTRADE
OR PARAPET FRAMING, BELOW CAPPING PACKERS

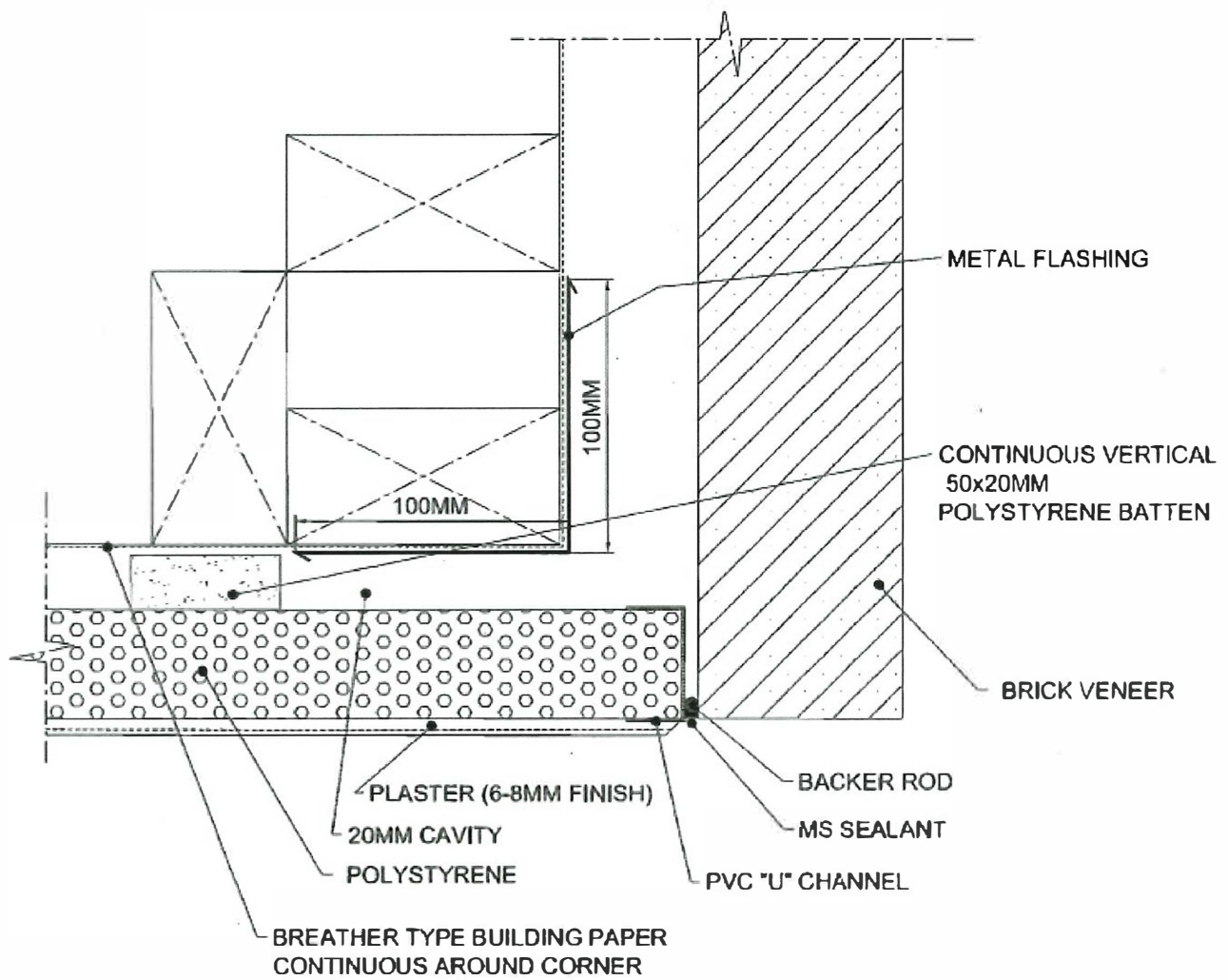
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-042.DWG	Date: 10/10/05	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: PARAPET AND ENCLOSED BALUSTRADE-TO-WALL JUNCTIONS – PLAN VIEW		
			Drawing Number: PT-042	Revision: 0	Sheet: 1/1



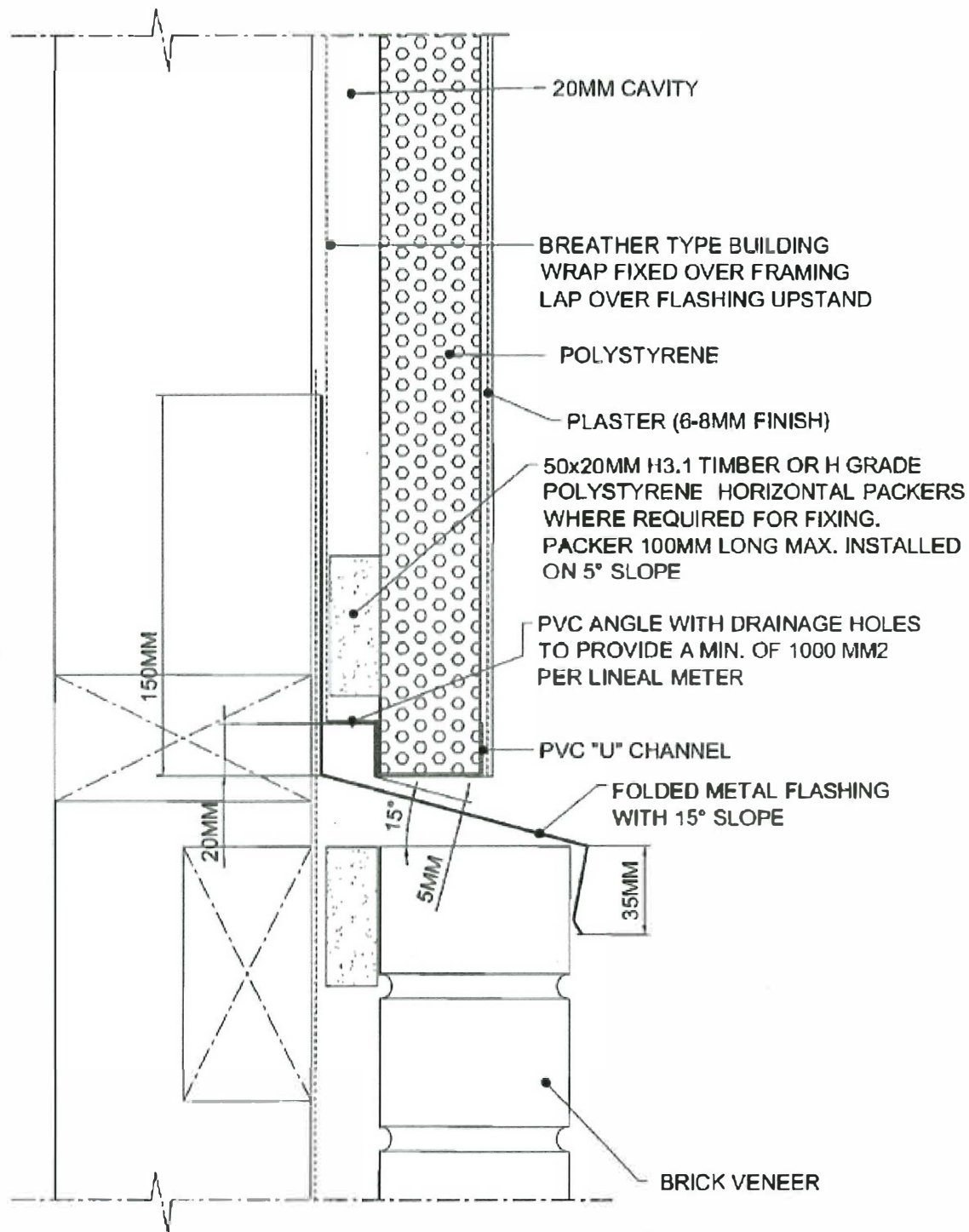
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-043.DWG	Date: 16/10/05	Scale: NTS
PUTZ TECHNIK			Drawing Title: DOOR SILL DETAIL		
			Drawing Number: PT-043	Revision: 0	Sheet: 1/1



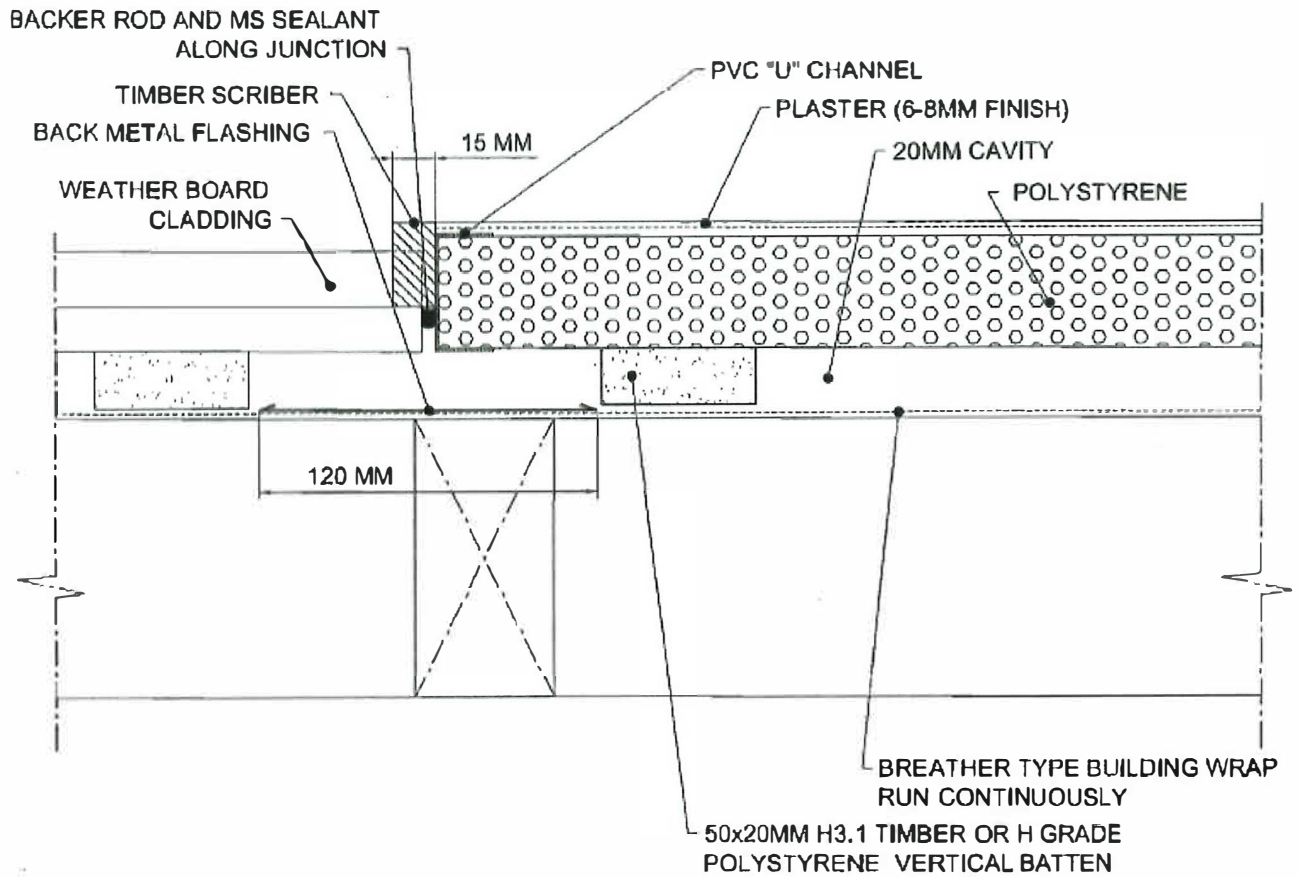
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-045.DWG	Date: 25/05/06	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: EIFS/BRICK VENEER JOINT AT INNER CORNER		
			Drawing Number: PT-045	Revision: 2	Sheet: 1/1



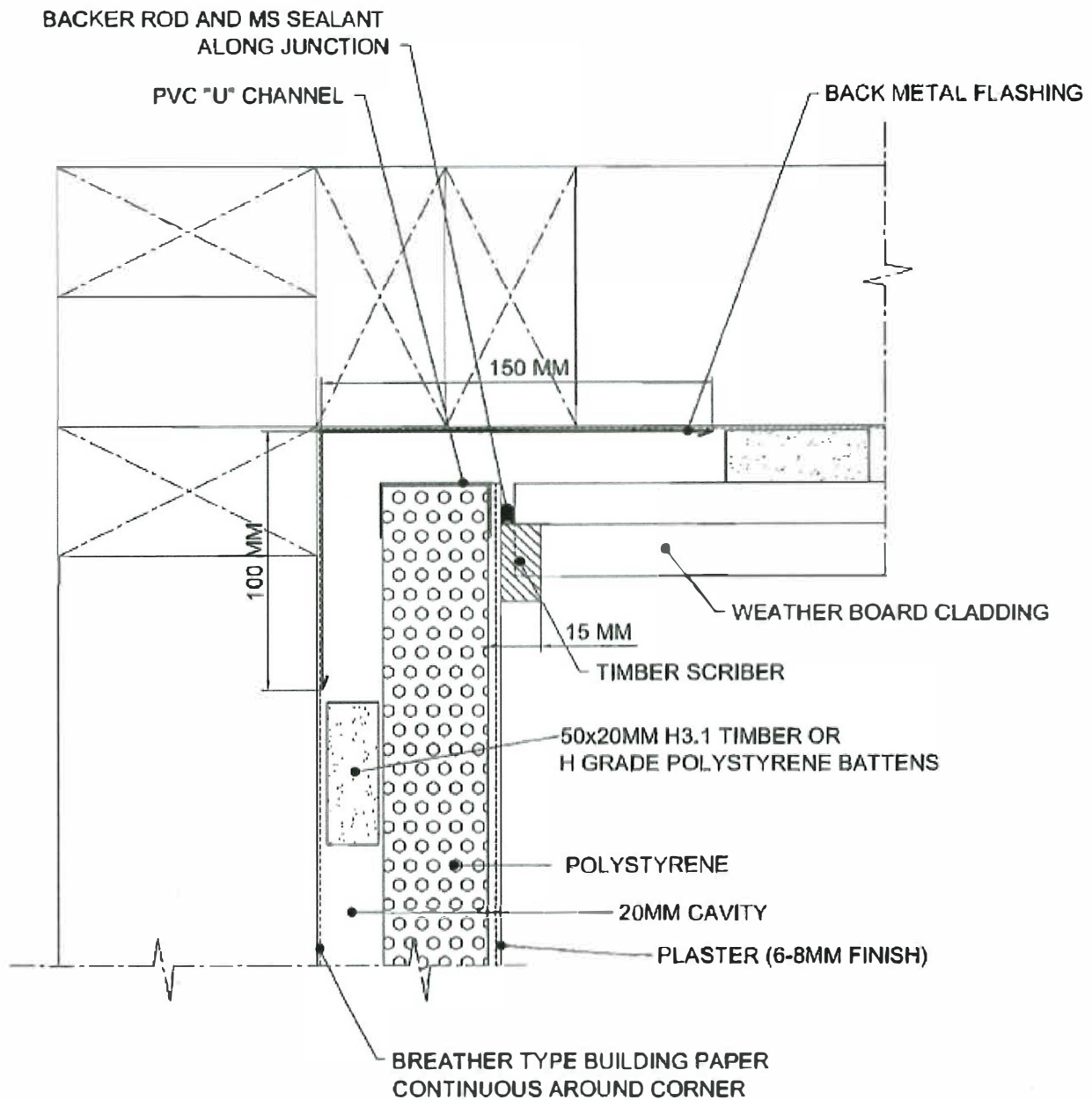
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-046.DWG	Date: 25/05/06	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: EIFS/BRICK VENEER JOINT AT OUTER CORNER		
			Drawing Number: PT-046	Revision: 2	Sheet: 1/1



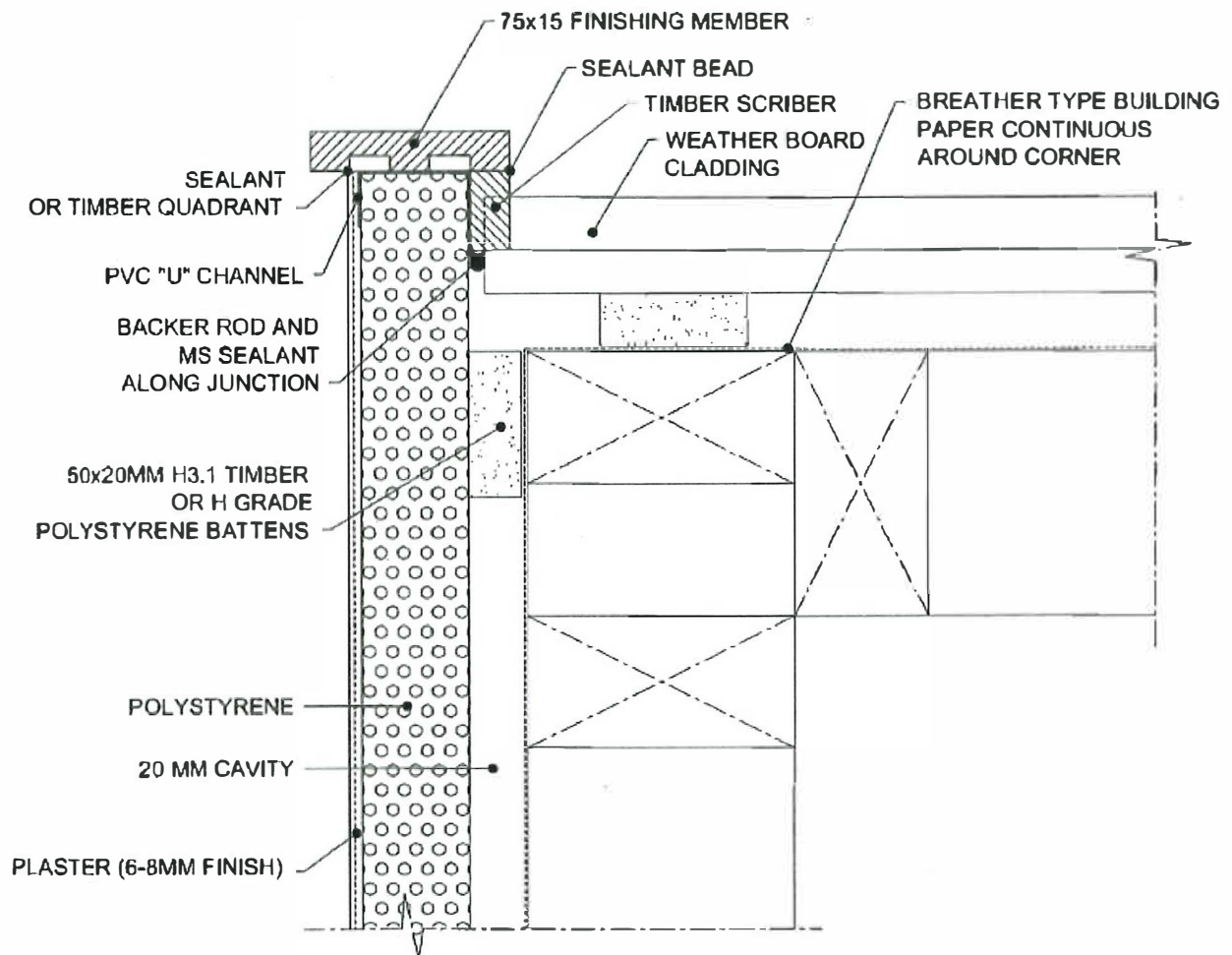
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-047.DWG	Date: 21/06/06	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: EIFS/BRICK VENEER JOINT - HORIZONTAL		
			Drawing Number: PT-047	Revision: 1	Sheet: 1/1



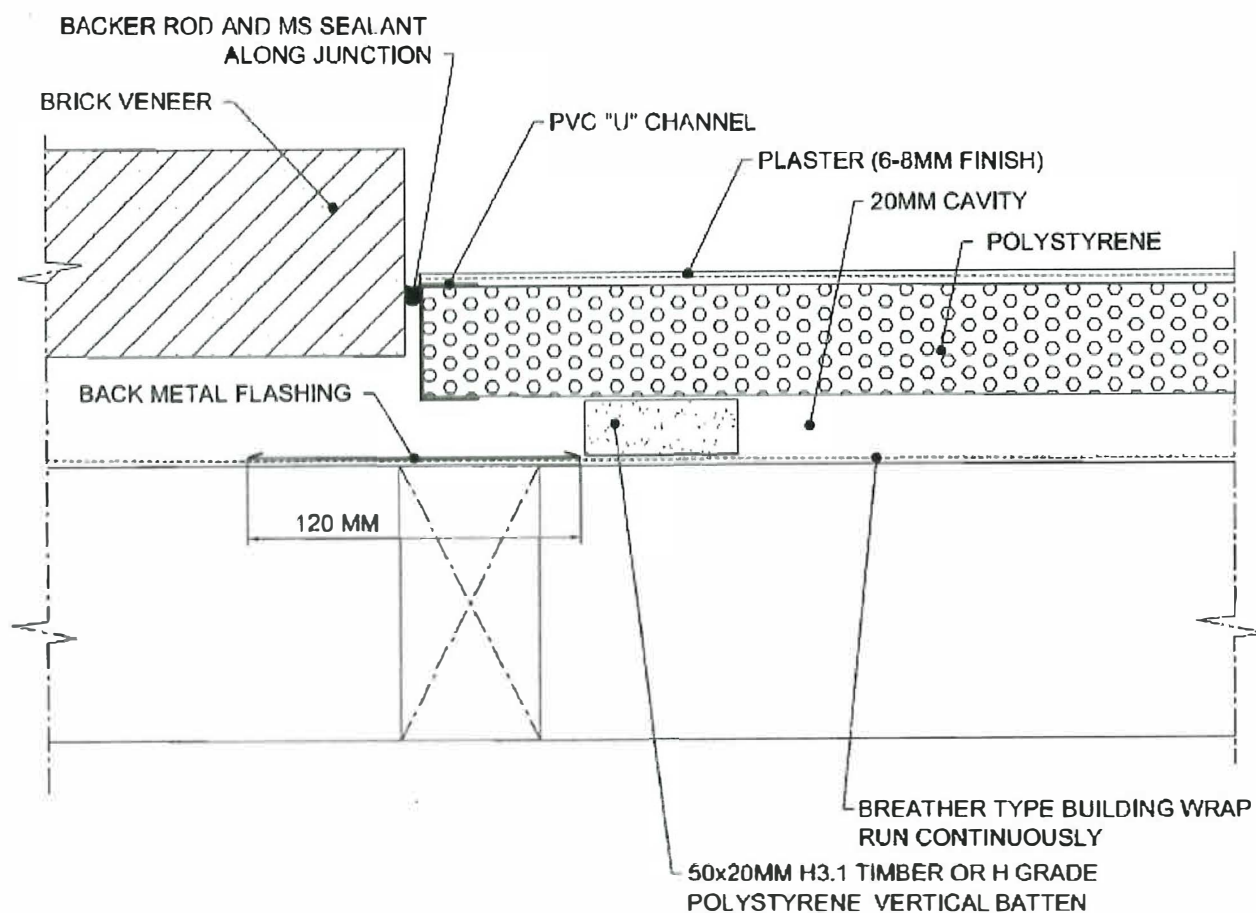
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-048.DWG	Date: 21/06/06	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: EIFS/WEATHER BOARD JOINT - VERTICAL		
			Drawing Number: PT-048	Revision: 1	Sheet: 1/1



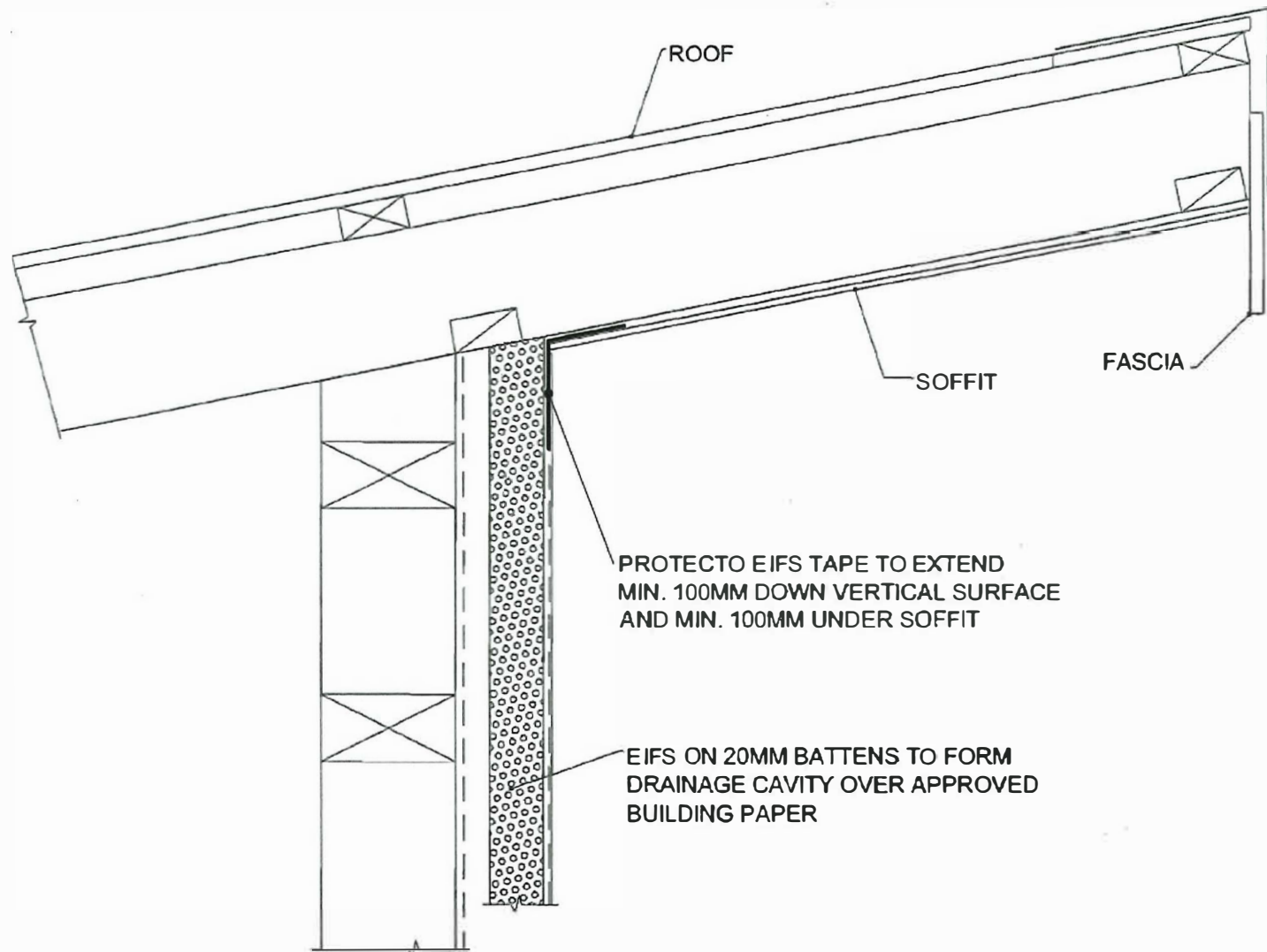
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-049.DWG	Date: 21/06/06	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: EIFS/WEATHER BOARD JOINT AT INNER CORNER		
			Drawing Number: PT-049	Revision: 1	Sheet: 1/1



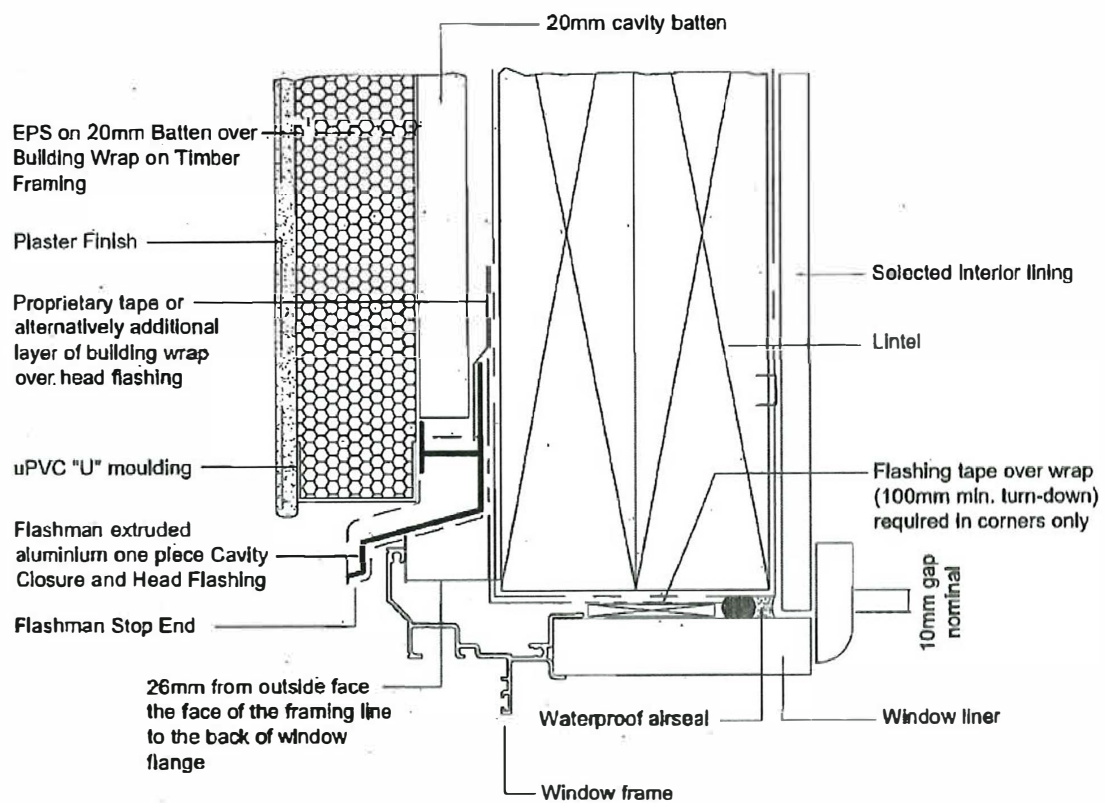
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-050.DWG	Date: 21/06/06	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: EIFS/WEATHER BOARD JOINT AT OUTER CORNER		
			Drawing Number: PT-050	Revision: 1	Sheet: 1/1



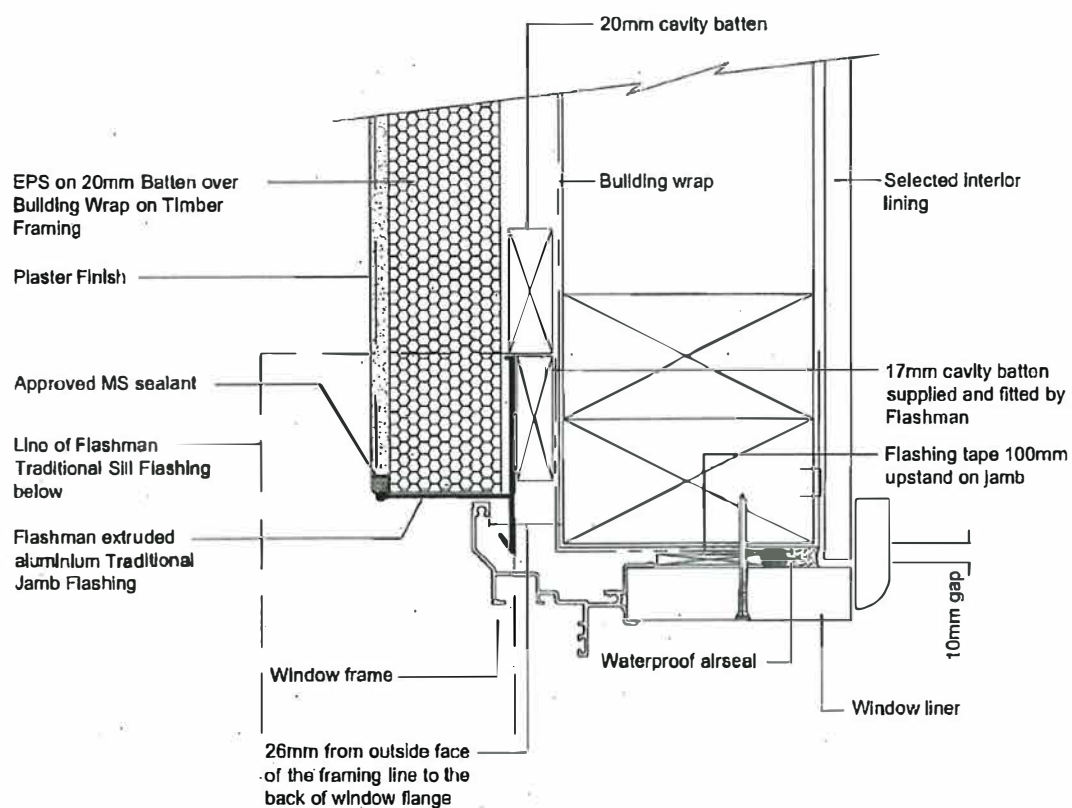
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PUTZ TECHNIK			Drawing Title: EIFS/BRICK VENEER JOINT - VERTICAL		
			Drawing Number: PT-051	Revision: 0	Sheet: 1/1



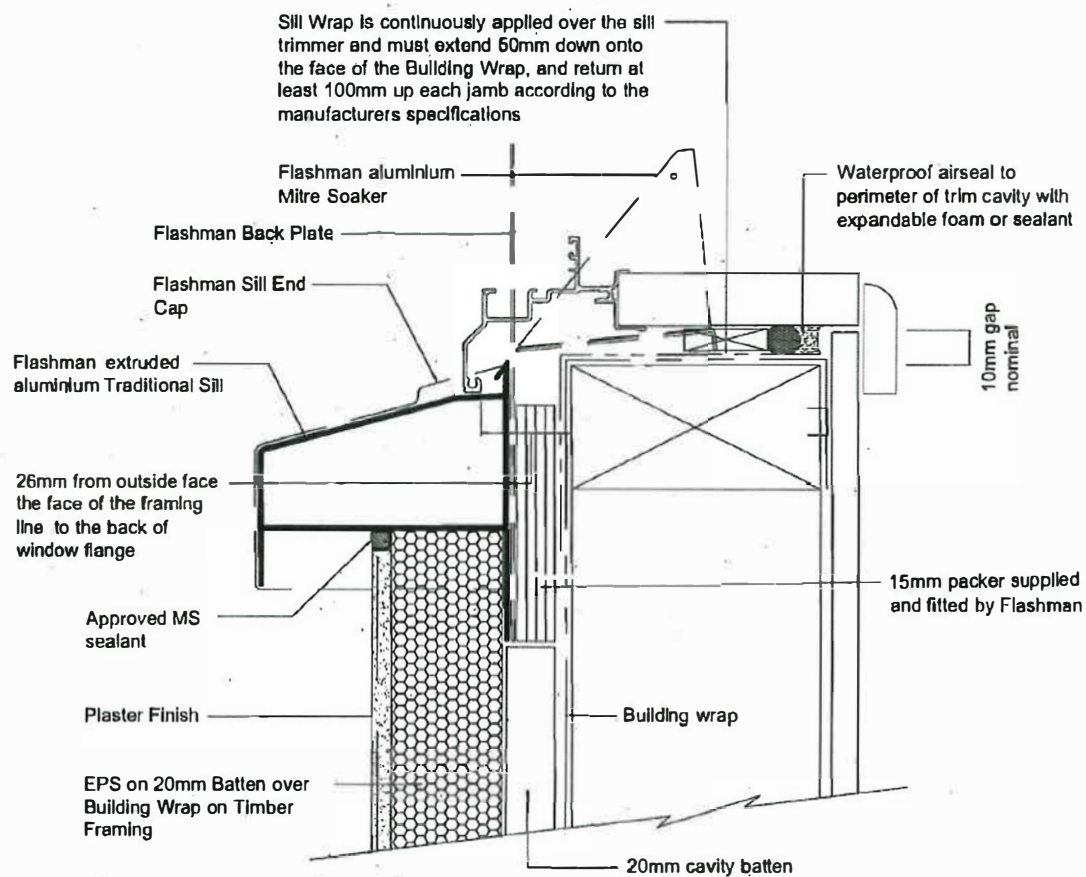
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-054.DWG	Date: 14/03/17	Scale: 1:5 on A4
PUTZ TECHNIK			Drawing Title: REVERSED SLOPE SOFFIT/EIFS JUNCTION DETAILS		
			Drawing Number: PT-054	Revision: 1	Sheet: 1/1



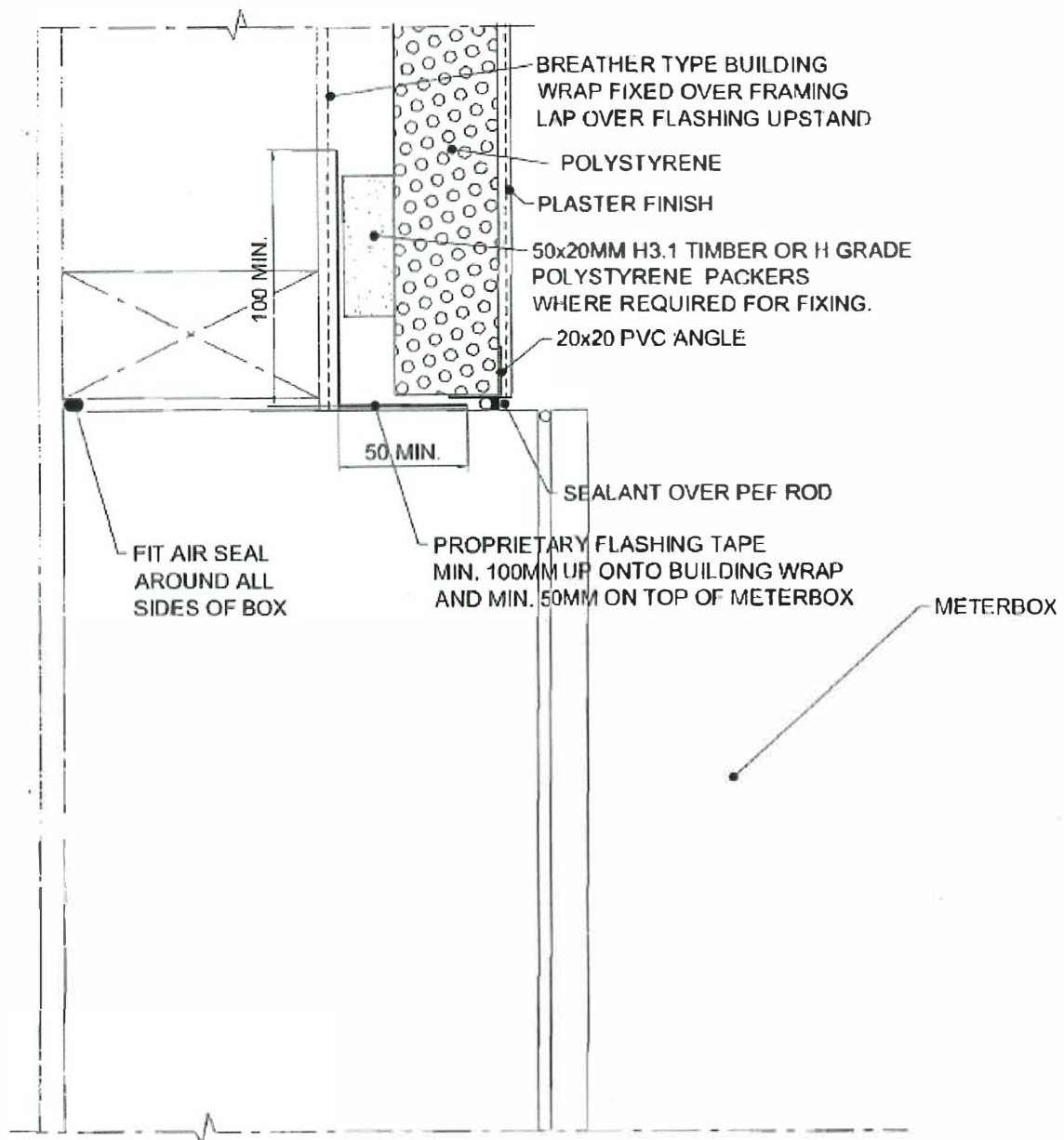
Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-056.DWG	Date: 14/06/08	Scale: 1:5 on A4
PUTZ TECHNIK			Drawing Title: WINDOW HEAD - ALTERNATIVE		
			Drawing Number: PT-056	Revision: 0	Sheet: 1/1



Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-057.DWG	Date: 14/06/08	Scale: 1:5 on A4
PUTZ TECHNIK			Drawing Title: WINDOW JAMB - ALTERNATIVE		
			Drawing Number: PT-057	Revision: 0	Sheet: 1/1

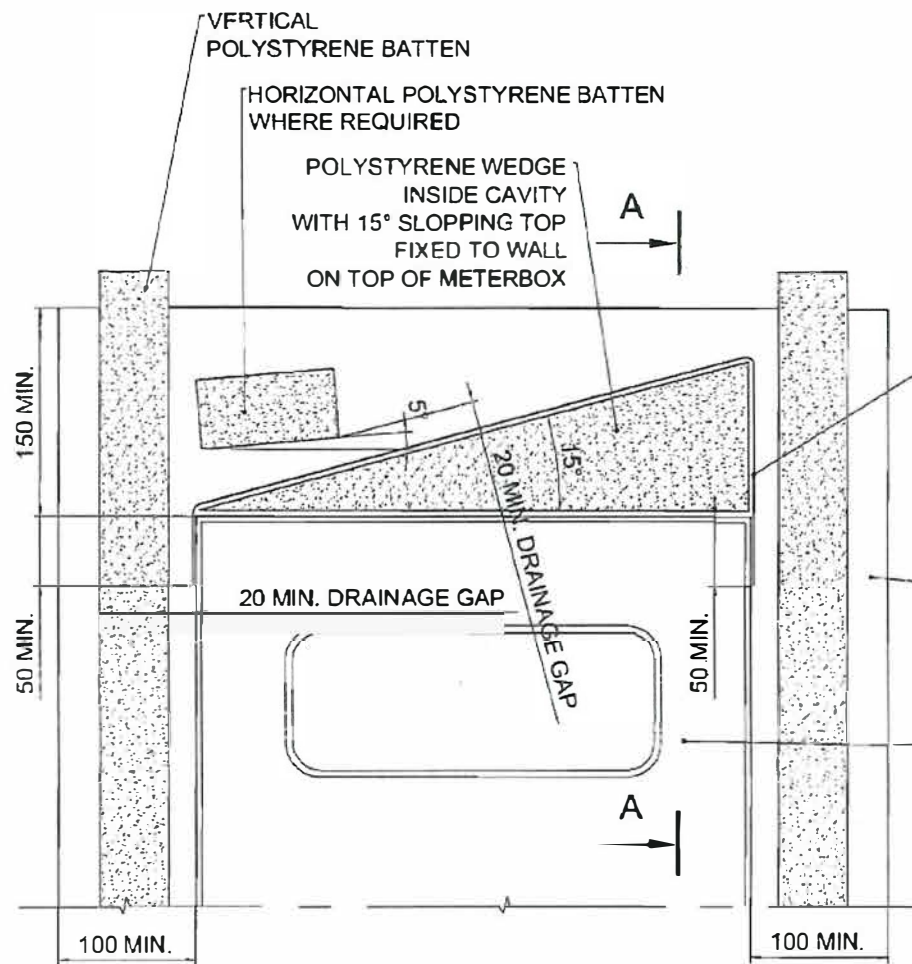


Designed by: S.L.	Checked by: D.L.	Approved by: B.D.	File Name: PT-058.DWG	Date: 14/06/08	Scale: 1:5 on A4
PUTZ TECHNIK			Drawing Title: WINDOW SILL - ALTERNATIVE		
			Drawing Number: PT-058	Revision: 0	Sheet: 1/1

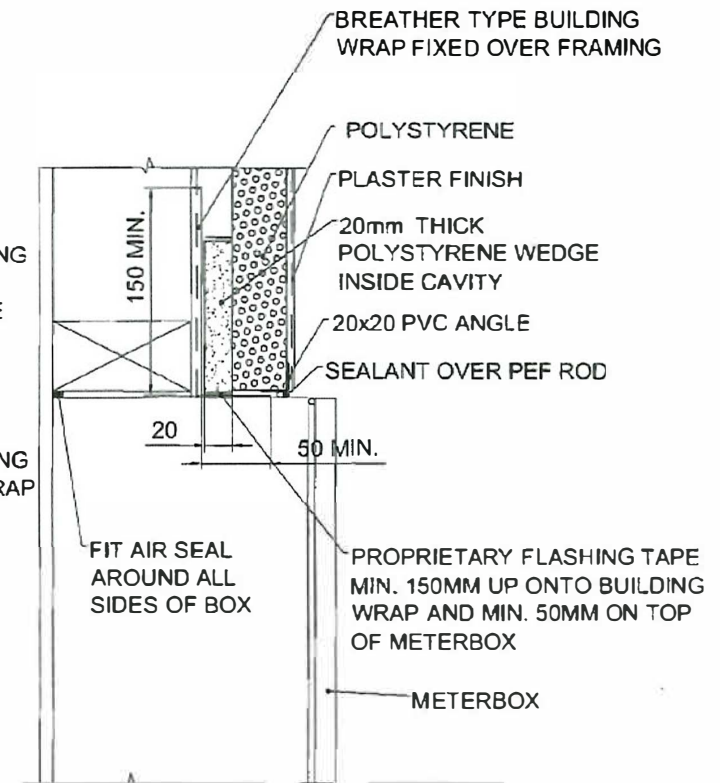


JAMB/SILL

Designed by: S.L.	Checked by: h.L.	Approved by: B.D.	File Name: PT-059.DWG	Date: 16/06/08	Scale: 1:2.5 on A4
PUTZ TECHNIK			Drawing Title: CLADDING AROUND METERBOX – JAMB/SILL		
			Drawing Number: PT-059	Revision: 1	Sheet: 1/1



HEAD
FRONT VIEW



HEAD
A-A SECTION VIEW

Designed by: S.L.	Checked by: H.L.	Approved by: B.D.	File Name: PT-060.DWG	Date: 16/06/08	Scale: 1:5 on A4
PUTZ TECHNIK			Drawing Title: CLADDING HEAD AROUND METERBOX - HEAD		
			Drawing Number: PT-060	Revision: 1	Sheet: 1/1

SITE CHECK LIST AND COMPLIANCE FORM

Main contractor / Owner: _____

Site name / Address: _____

Check list completed by: _____

(Tick as applicable ☒)

- ☐ Health and Safety requirements meet (safe scaffold, etc.)
- ☐ Head flashings to windows and doors
- ☐ Building paper installed correctly
- ☐ Framing within tolerance
- ☐ Internal corner dwangs fitted
- ☐ All corners plumb
- ☐ All roof flashings fitted to correct height and overlapping
- ☐ All butynol flashing fitted to correct height
- ☐ All treated timber packers fitted for handrails, down pipes, etc.
- ☐ Bottom plate flush with slab edge
- ☐ All posts to be clad are plumb and straight
- ☐ Report any damage to windows, roofing, gutters etc.
- ☐ Clean water supply and power
- ☐ All soffits fitted and nailed off

Details of items that do not comply and action taken

Signed off by: _____

Date: / /

Print Name: _____

PUTZ TECHNIK INSTALLER CHECK LIST

(Tick as applicable ☒)

- ☐ PVC sill and jamb flashing fitted correctly
- ☐ KOOLFOAM EPS Class S OR Class H Insulation boards
- ☐ EPS Thickness
 - ☐ 40 mm
 - ☐ 50 mm
 - ☐ 60mm
- ☐ EPS Fixings with 40 mm diameter washers
 - Timber framing
 - ☐ 40 mm EPS - 90 x 3.55 mm flat-head HD galvanized nails
 - ☐ 50 and 60 mm – 110 x 3.8 mm flat-head HD galvanized nails
 - Steel framing
 - ☐ 40 mm EPS – min 70 mm x 6g Class 4 screws
 - ☐ 50 mm EPS – min 80 mm x 6g Class 4 screws
 - ☐ 60 mm EPS – min 90 mm x 6g Class 4 screws

Wind Zone and Maximum Fixing Centres

- ☐ Low 300 mm to studs and mid-dwang to top/bottom plates/dwangs
- ☐ Medium 300 mm to studs and mid-dwang to top/bottom plates/dwangs
- ☐ High 300 mm to studs and mid-dwang to top/bottom plates/dwangs
- ☐ Very High 200 mm to studs and mid-dwang to top/bottom plates/dwangs
- ☐ Extra High 150 mm to studs, 200 mm to top/bottom plates and 150 mm to dwangs
- ☐ SED up to 2.5 kPa - 150 mm to studs, 200 mm to top/bottom plates and 150 mm to dwangs
- ☐ Polystyrene overhang bottom plate 50mm
- ☐ PVC U Channels fitted and straightened to all exposed bottom edges
- ☐ Form any control joints
- ☐ Electrical conduit around all electrical cables
- ☐ PVC Z Flashing fitted to any polystyrene going below ground level
- ☐ PVC corners fitted to all external corners
- ☐ All jamb and construction joints sealed with sealant supplied by Bostik, Sika or Holdfast

Details of items that do not comply and action taken

Signed off by:

Date: / /

Print Name:

PUTZ TECHNIK PLASTERER CHECK LIST

(Tick as applicable ☒)

Plasters Used

- ☐ PT300 Base Coat
- ☐ PT350 Skim and Levelling Coat
- ☐ PT100 Adobe or Undulating Coat
- ☐ PT101 Float/Sponge/Texture
- ☐ PT103 Scratch/Drag
- ☐ PT104 Scratch/Drag

Other Plastering Products Used

- ☐ Mask off windows, doors, soffits etc
- ☐ Putz Technik supplied mesh
- ☐ Minimum 100 mm laps in mesh
- ☐ Mesh embedded min. 2mm into Base Coat plaster over all exposed polystyrene
- ☐ Mesh is overlapping all PVC Flashings
- ☐ Two layers of mesh over parapet and deck handrail capping
- ☐ Two layers of mesh at comers of all openings 100mm x 200mm
- ☐ Apply finish coat when mesh coat has cured (Minimum of 24hrs)
- ☐ Remove tape off windows and clean all gutters, roofing, etc. and clean the site

Details of items that do not comply and action taken.

[illegible]

Signed off by:

Date: / /

Print Name: