LONDON BOROUGH OF ENFIELD

PLANNING COMMITTEE	**Date :** 25th June 2019

Report of Head of Planning	**Contact Officer:** Andy Higham Gideon Whittingham Tel No: 02083798169	**Ward:** Chase

Ref: 19/01204/RE4	**Category**: LBE - Dev by LA

LOCATION: Bliss House , 1 Holbrook Close, Enfield, EN1 4UL

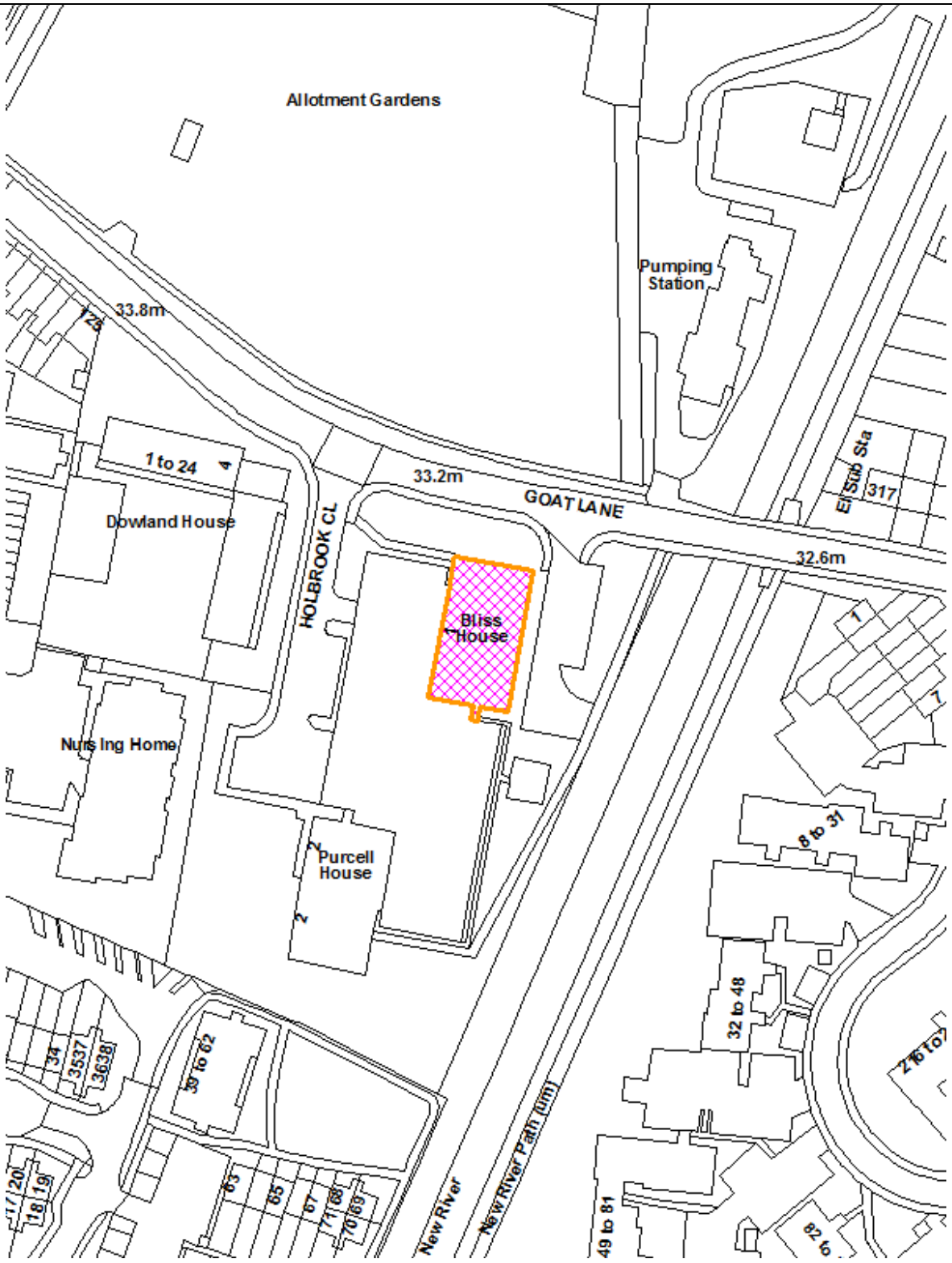
PROPOSAL: Replacement of existing cladding to north and south elevations.

Applicant Name & Address: Mr D Edney Silver Street Enfield EN1 3XA United Kingdom	**Agent Name & Address**: Darren Barnes C/o 8 Coningsby Bank St.Albans AL1 2NX United Kingdom

RECOMMENDATION:

That planning permission be GRANTED subject to conditions.

Ref: 19/01204/RE4 **LOCATION: Bliss House , 1 Holbrook Close, Enfield, EN1 4UL**



ENFIELD Council

Scale 1:1250

North

1. Note for Members

1.1 Although a planning application for this type of development could normally be determined under delegated authority, the application has been brought to the Planning Committee because the applicant and landowner is Enfield Council.

2.0 Recommendation / Conditions

2.1 That in accordance with Regulation 3 of the Town and Country Planning General Regulations 1992, planning permission be deemed to be GRANTED subject to the following conditions:

1. TIME LIMIT

2. DEVELOPMENT IN ACCORDANCE WITH PLANS

   EC/BH/001 (Location Plan); EC/BH/002 (Existing Elevations); EC/BH/003 (Proposed Elevations)

3. MATERIALS TO MATCH THOSE SPECIFIED

2.2 It is also requested that authority to finalise the wording of conditions under the above headings, is given to officers to ensure they reflect any issues raised by Planning Committee and / or any reported updates to the meeting.

3. Executive Summary

3.1 Following investigations by the Council in 2018, it identified that the cladding system on Bliss House, Purcell House and Walbrook House was not appropriate for buildings of their height and type in respect of fire safety.

3.2 The Council immediately committed to removing the existing cladding system and install a new long-term replacement cladding system for the exterior of the blocks. This application is submitted as a result of this decision.

3.3 The replacement cladding system shall match the appearance to those used in the construction of the exterior of the existing blocks.

3.4 The reasons for recommending approval of this application are:

- It is considered that the principle of the replacement cladding is appropriate given its detailed design;
- The replacement cladding would not have a detrimental impact on the character and appearance of the building, the wider street scene and the setting of the adjacent Forty Hill Conservation Area;
- The replacement cladding would not harm the amenity of occupying and neighbouring residents;

- The proposal is in keeping with the sustainability objectives to ensure the longevity of the building and minimise the energy consumption of the building;
- The development would be appropriate and in accordance with relevant National and Regional Policy, Core Strategy and DMD policies.

4. Site & Surroundings

4.1 The application site relates to a purpose built housing estate located on the east side of Holbrook Close, close to the southern junction with Goat Lane.

4.2 The housing estate incorporates two towers, Purcell House and Bliss House. Both towers are 12 storeys, that are identical in plan form.

4.3 The ground floor forms a concreate base with struts around the periphery resulting in high visual permeability at this level. The upper floors are solid, with the longer east and west elevations forming the primary frontages serving habitable rooms onto concrete faced balconies that do not comprise a cladding system.

4.4 The north and south elevations form the shorter flank ends, comprising a cladding system (which has since been removed) punctured with fenestration.

4.5 The site itself is not located within a Conservation Area, however the Forty Hill Conservation Area is located to the north, beyond Goat Lane.

4.6 The site is located to the west of New River, identified as a Wildlife Corridor.

5. Proposal

5.1 The north and south elevations of the Bliss House would be clad in silicone render panels with non-combustible mineral wool insulation in the cavity between the cladding and the existing concrete walls.

5.2 The proposed cladding would of a similar colour to that previously, namely pink (NCS Colour S1010-Y70R) and crème (NCS Colour S0507-Y).

5.3 The removed cladding system on the north and south elevations included mineral wool insulation, however this was applied off a roll and laid in the cavity between the cladding and the existing concrete wall. The replacement cladding system is a fixed mineral wool and non-combustible panel system to address current requirements.

5.4 The proposed cladding would sit 150mm from the existing concrete walls to satisfy thermal performance

5.5 All existing fenestration would remain unchanged, however newly incorporated cills and external extractor fan grilles are to be installed.

5.6 The proposed cladding would not require relocated/replacement flues or smoke vents (AOVs) as such fixtures are not located on the north and south elevations of the tower

5.7 The associated changes proposed are still subject to ongoing consultation discussions with occupiers. If an alteration is required, this is something that could be dealt with via a minor or non-material amendment to the application.

6. Consultation

6.1 Statutory and Non-Statutory Consultees

London Fire Brigade: Any comment received will be reported at the meeting.

6.2 Public:

6.3 Consultation letters were sent to 209 occupiers within Bliss House and adjoining and nearby occupiers.

6.4 To date no objections have been received from residents from either planning consultation.

7. Relevant Planning History

7.1 No relevant planning history

8. Relevant Planning Policies

London Plan (2016)

- Policy 3.5: Quality and design of housing developments
- Policy 3.14: Existing Housing Stock
- Policy 5.2: Minimising carbon dioxide emissions
- Policy 5.3: Sustainable design and construction
- Policy 6.3: Assessing effects of development on transport capacity
- Policy 7.4: Local Character
- Policy 7.6: Architecture

Core Strategy (2010)

- Core Policy 4: Housing quality
- Core Policy 5: Housing types
- Core Policy 20: Sustainable energy use and energy infrastructure
- Core Policy 21: Delivering sustainable water supply, drainage and sewerage infrastructure
- Core Policy 22: Delivering sustainable waste management
- Core Policy 25: Pedestrians and cyclists
- Core Policy 30: Maintaining and improving the quality of the built and open environment
- Core Policy 31 - Built and landscape heritage

- Core Policy 32: Pollution
- Core Policy 46: Infrastructure contributions

Development Management Document (2014)

- DMD 8: General Standards for New Residential Development
- DMD 37: Achieving High Quality and Design-Led Development
- DMD48: Transport Assessments
- DMD 51: Energy Efficiency Standards
- DMD 68: Noise

Other Policy

- National Planning Policy Framework 2018 (NPPF)
- National Planning Practice Guidance 2016 (NPPG)
- Draft London Plan (2018)
- Forty Hill Conservation Area Character Appraisal (2015)
- Forty Hill Conservation Area Management Proposals (2015)

9. Analysis

9.1 The principal considerations material to the determination of this application are considered in the following sections of this report:

9	**Consultation and procedure** - Background - Procedure - Consultation
10	**Principle of development** - Principle - Program of work
11	**Design** - Policy review - Materials and detailed design - Effect on setting of Conservation Area - Conclusion
12	**Impact on occupying and neighbouring amenity** - Policy review - Occupiers of Purcell House - Neighbour Amenity - Conclusion
13	**Sustainable design and construction** - Policy review - Thermal performance Living roofs/walls - Conclusion

14	**Transport** - Policy review - Implementation - Construction management
15	**Community Infrastructure Levy (CIL)**
16	**Conclusion**

Consultation and procedure

Background

9.2 Following the Grenfell fire in June 2017 the Ministry of Housing, Communities and Local Government (MHCLG), formerly the Department for Communities and Local Government (DCLG), and the Building Research Establishment (BRE) have introduced a programme of testing of various cladding systems.

9.3 The Council commissioned Fire Engineers (M10 Fire Engineering) who undertook investigations in 2018 and identified that the cladding system on Bliss, Purcell and Walbrook House did not sufficiently resist the spread of flames meaning this type of cladding system is not appropriate for these buildings.

9.4 The Council, along with the contractor ENGIE, immediately committed to removing the cladding system from all three blocks as soon as the Fire Engineers indicated that the cladding system had failed their tests. This has now been completed system across the three blocks, with the meanwhile safety of the residents and buildings secured by the Council's Housing Fire Safety Team.

9.5 In order to ensure that the same levels of thermal insulation and water resistance are maintained as provided by the prior cladding system, the Council needs to procure and install a new long-term replacement cladding system for the exterior of the blocks.

9.6 For information, inspection of the installed replacement cladding system would be undertaken by the Council's appointed Clerk of Works, the Fire Safety Team and Fire Engineers (M10 Fire Engineering) and the Building Control team, however these are matters for Building Control rather than planning control.

Procedure

9.7 Planning Committee is in effect required to consider this application on the same footing as any other application, notwithstanding the fact that it concerns Council owned property. Hence in determining this application, as with any other application, Planning Committee must base its decision solely on planning considerations. It cannot take into account or base any reason for approval or refusal on a consideration not relevant to planning. In making its decision, the Committee is required to have regard to the provisions of its Development Plan

(Enfield's 2010 Core Strategy and 2014 Development Management Document) and the London Plan 2016 and associated policies and guidance. The determination must be made in accordance with the Plan unless material considerations indicate otherwise.

9.8 Therefore notwithstanding the exceptional circumstances surrounding this issue and this application, the assessment by Planning Committee's can only consider planning issues. The building regulations prescribe very detailed design and construction standards for buildings to ensure health and safety (including fire safety) of people in or about those buildings. Therefore, precise details of how a development is actually built, the quality of work, whether it is safe, or the extent to which it resists spread of fire, are all primarily matters for Building control rather than planning control. Nevertheless, there is some overlap between the two regimes. One illustration of this overlap is that Policy D11(Fire Safety) of the draft New London Plan states development must achieve the highest fire safety standards and incorporate appropriate features to reduce risk to life in the event of fire.

9.9 However it should be noted it would be advisable to accord draft Policy D11 only limited weight at this stage taking account of the fact that it has yet to be adopted. It is also relevant that the draft Policy covers matters in respect of which Building Regulations already impose such extensive control (fire safety).

Consultation

9.10 This planning application as with any other application has been subject to its own consultation as set out in section 5 of this report. However, in addition to that statutory consultation, the Council as applicant has made it clear that the content of the application has been shaped by resident engagement to ensure residents' views are taken into account. The Council in its corporate capacity has also undertaken extensive consultation with residents and continues to do so. Whilst the Council as planning authority has a legal duty to determine any application in the form it is submitted, the content of the application has been shaped by resident consultation which is ongoing. Planning officers have also worked with officers representing the Council as landlord to ensure the application seeks to address all key issues and concerns.

Principle of development

9.11 The principle of replacing the existing cladding system with a cladding of a similar material appearance is considered acceptable. The cladding will improve the energy performance of the building, whilst maintaining the building and its appearance.

9.12 Policy D11 (Fire Safety) of the draft New London Plan notes development proposals must achieve the highest standards of fire safety and ensure appropriate features are incorporated into the design of development to reduce the risk to life in the event of a fire and construction in an appropriate way to minimise the rise of fire spread. Although the new London Plan has not formally been adopted at this time and holds limited weight at this time, consideration has

been given to this issue. The primary regulatory control in this matter is through Building Regulations, but following internal consultation, the proposed cladding's impact on the fire safety of the building is nonetheless considered acceptable and controllable under the Building Regulations in accordance with draft policy D11.

Design

Materials and detailed design

9.13 The replacement cladding would be of a material that is similar in appearance to that previous, both in terms of colour, finish, form and panel arrangement and would therefore respect its intended function and be inappropriate to its context, in accordance with the objectives of DMD8 and DMD37.

9.14 The associated alterations, including the introduction of cills to windows is both a functional and suitably detailed addition that would be sympathetic to the replacement cladding and the character and appearance of the host building.

9.15 No further changes would be required to the existing fenestration or their openings.

Effect on setting of Conservation Area

9.16 Section 72 of the Planning (Listed Buildings and Conservation Areas) Act 1990 ("the Listed Buildings Act") is relevant. Section 72(1) requires that special attention shall be paid to the desirability of preserving or enhancing the character or appearance of a Conservation Area when considering applications relating to land or buildings within that Area.

9.17 The site itself is not located within a Conservation Area, however the Forty Hill Conservation Area is located to the north, beyond Goat Lane, from which views of Bliss House are experienced.

9.18 Given the proposed colour, finish, form and panel arrangement would not appear significantly different to the previous cladding, it is considered that no harm would be caused to the character and appearance of the Forty Hill Conservation Area.

Conclusion

9.19 It is considered that the principle of the replacement cladding is appropriate given its detailed design.

9.20 The replacement cladding would not have a detrimental impact on the character and appearance of the building, the wider street scene and the setting of the adjacent Forty Hill Conservation Area.

Impact on occupying and neighbouring amenity

Occupiers of Bliss House

9.21 The proposed cladding, by its very nature and replacing the same form and position of existing panels, would not result in harm to the existing residents amenity levels, in respect of outlook, privacy and access to daylight/sunlight.

Neighbour Amenity

9.22 Given the nature of the proposed development replacing the same form and position of existing panels, recladding Bliss House would not result in harm to the resident's amenity levels who neighbour the site, in respect of outlook, privacy and access to daylight/sunlight.

Conclusion

9.23 The replacement cladding would not harm the amenity of occupying and neighbouring residents.

Sustainable design and construction

9.24 London Plan policies 5.2 and 5.3 and policies DMD 51: Energy Efficiency Standards seek to secure energy efficiencies and reduce the emissions of CO2.

Thermal performance

9.25 In accordance with the objectives of the London Plan and DMD 51, the development would improve the thermal performance of the building to minimise energy consumption.

Conclusion

9.26 The proposal is in keeping with the sustainability objectives to ensure the longevity of the building and minimise the energy consumption of the building.

Transport

9.27 London Plan policies 5.2 and 5.3 and policies DMD 48: Transport Assessments seek to ensure for safe and legal delivery, collection, construction and servicing.

9.28 In relation to the transport impact of the proposed development, the only consideration is the construction impact.

9.29 The site is currently under scaffolding due to the existing cladding having already been removed. Associated portacabins are located within the grounds of the estate, as are vehicles associated with the works. With an anticipated programme time of 22 weeks and the removal of existing cladding having already been complete, the nature and limited scale of the proposal to come would not generate significant movement of goods or materials. Officers are therefore satisfied that appropriate measures could be taken to minimise the impact on the surrounding highway network and neighbour amenity, such as singing up to the Considerate Constructors Scheme. The applicant will be required to apply for parking bay suspensions to allow for construction vehicles and skips to occupy

existing parking bays. An informative is recommended to advise the applicant of this requirement.

Community Infrastructure Levy (CIL)

9.30 Given the nature of the proposals the development would not be liable for either the Mayoral or Enfield CIL, as there would be no increase in floorspace nor creation of any additional residential units.

10. Conclusion

10.1 It is considered that the principle of the replacement cladding is appropriate given its detailed design. The replacement cladding would not have a detrimental impact on the character and appearance of the building, the wider street scene and the setting of the adjacent Forty Hill Conservation Area.

10.2 The replacement cladding would not harm the amenity of occupying and neighbouring residents.

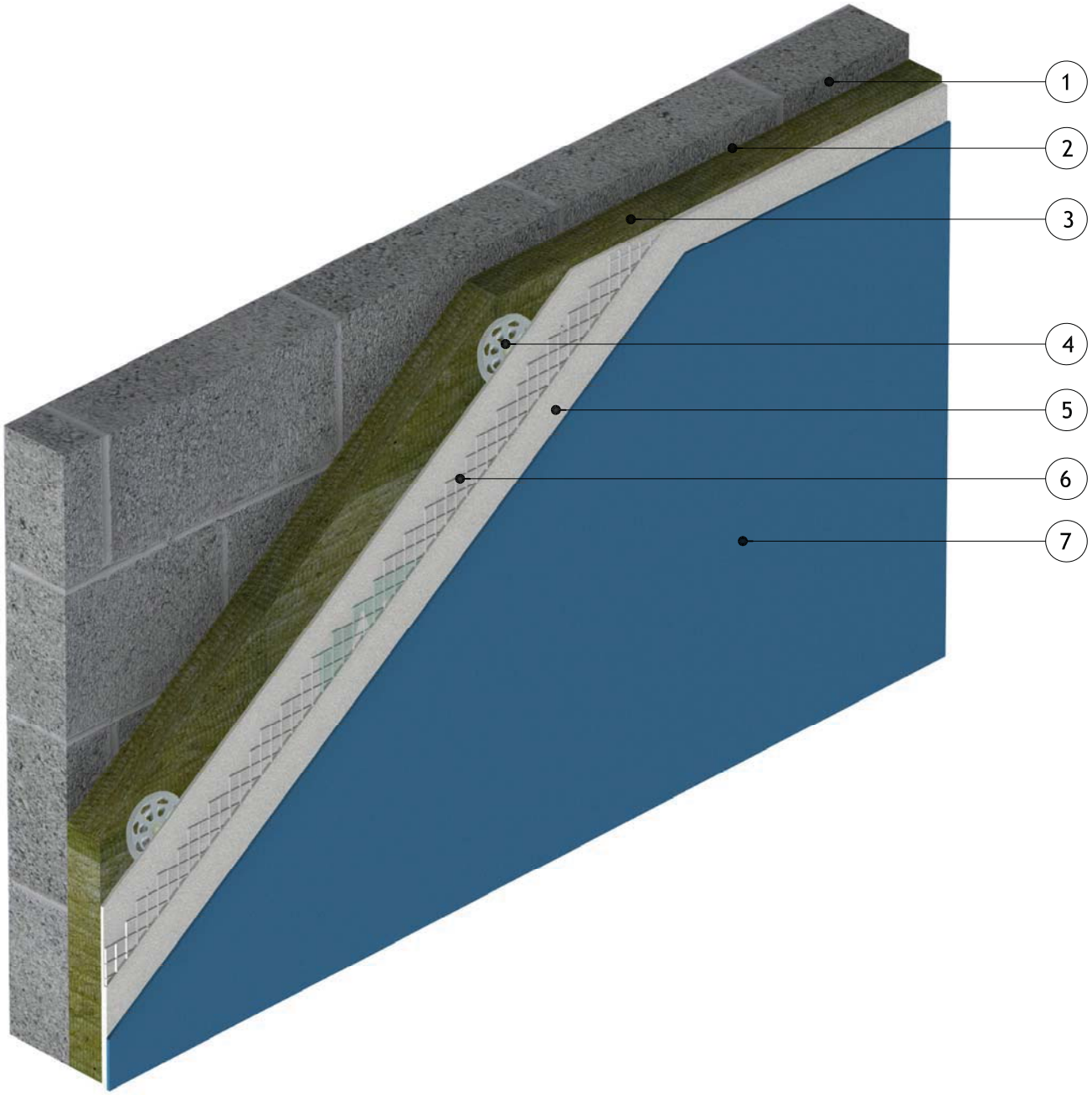
10.3 The proposal is in keeping with the sustainability objectives to ensure the longevity of the building and minimise the energy consumption of the building.

10.4 The development would be appropriate and in accordance with relevant National and Regional Policy, Core Strategy and Development policies and for the reasons noted above.

File:	K.Palmer

Items:-

1 - Masonry Structure
2 - M.R. Bedding Adhesive (if required, please refer to specification)
3 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
4 - Alumasc Approved Mechanical fixing (as per specification)
5 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
6 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
7 - Alumasc Silicone Primer & Silkolitt



Notes:-

1. Refer to Alumasc Facades for technical assistance regarding specification.

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Drawing title:
Silkolitt Pro EWI System
Isometric Detail

Detail is valid only when approved by the Architect / Contractor concerned

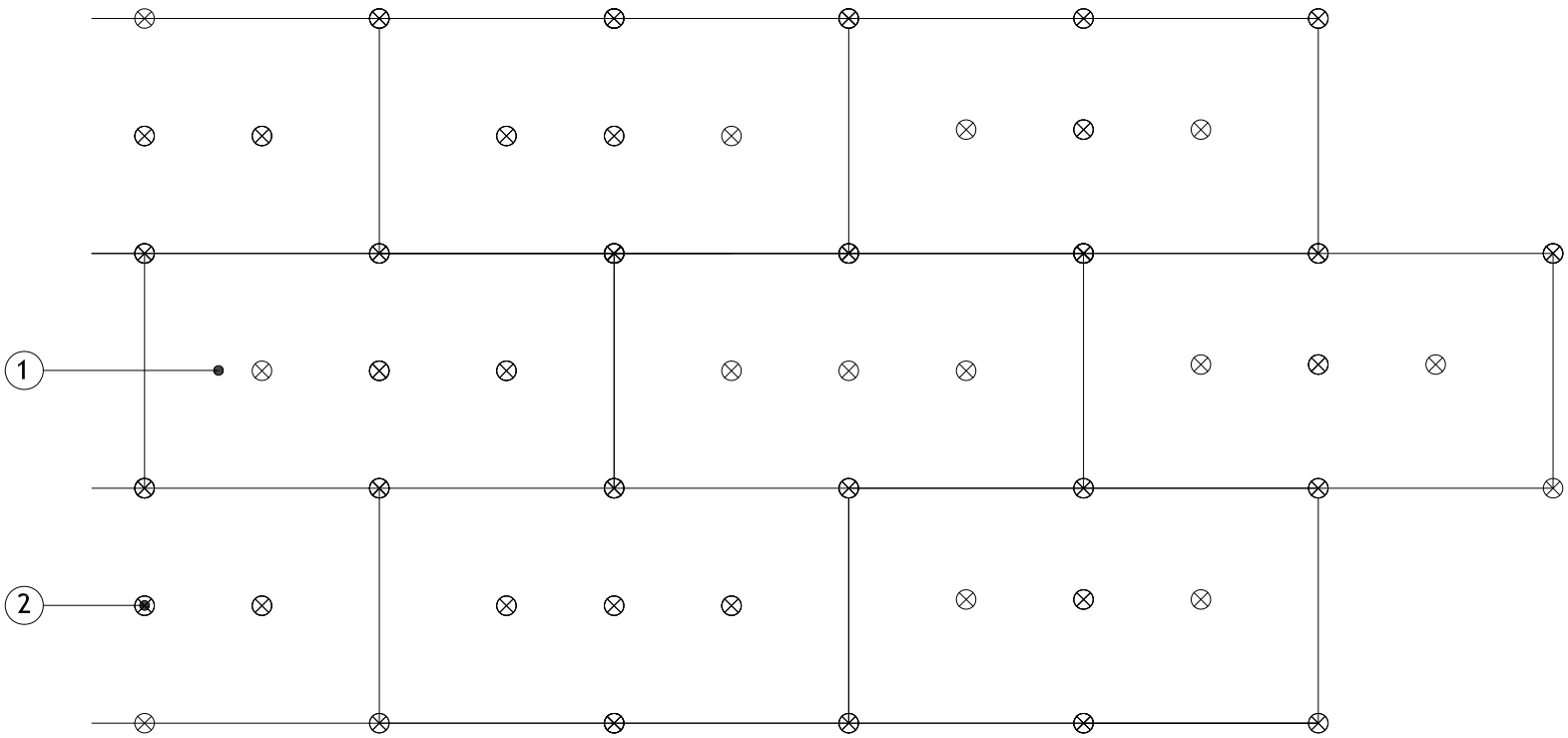
Drawing No:	Scale:
S-PRO-M-001	NTS
Revision:	Date: 01.08.2017

File:	K Palmer

Items:-

1 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)

2 - Alumasc Approved Mechanical fixing (as per specification)



Notes:

1 - Refer to Alumasc E.B.P. Ltd for Technical Assistance regarding specification, fixing type and project specific fixing pattern.

2 - Main area elevations to follow 6.94 mechanical fixings per m2

3 - Min. 200mm bond overlap.

4 - Fixings at 300mm centres at external corners and openings.

ALUMASC FACADES

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E-mail: technical@alumasc-exteriors.co.uk

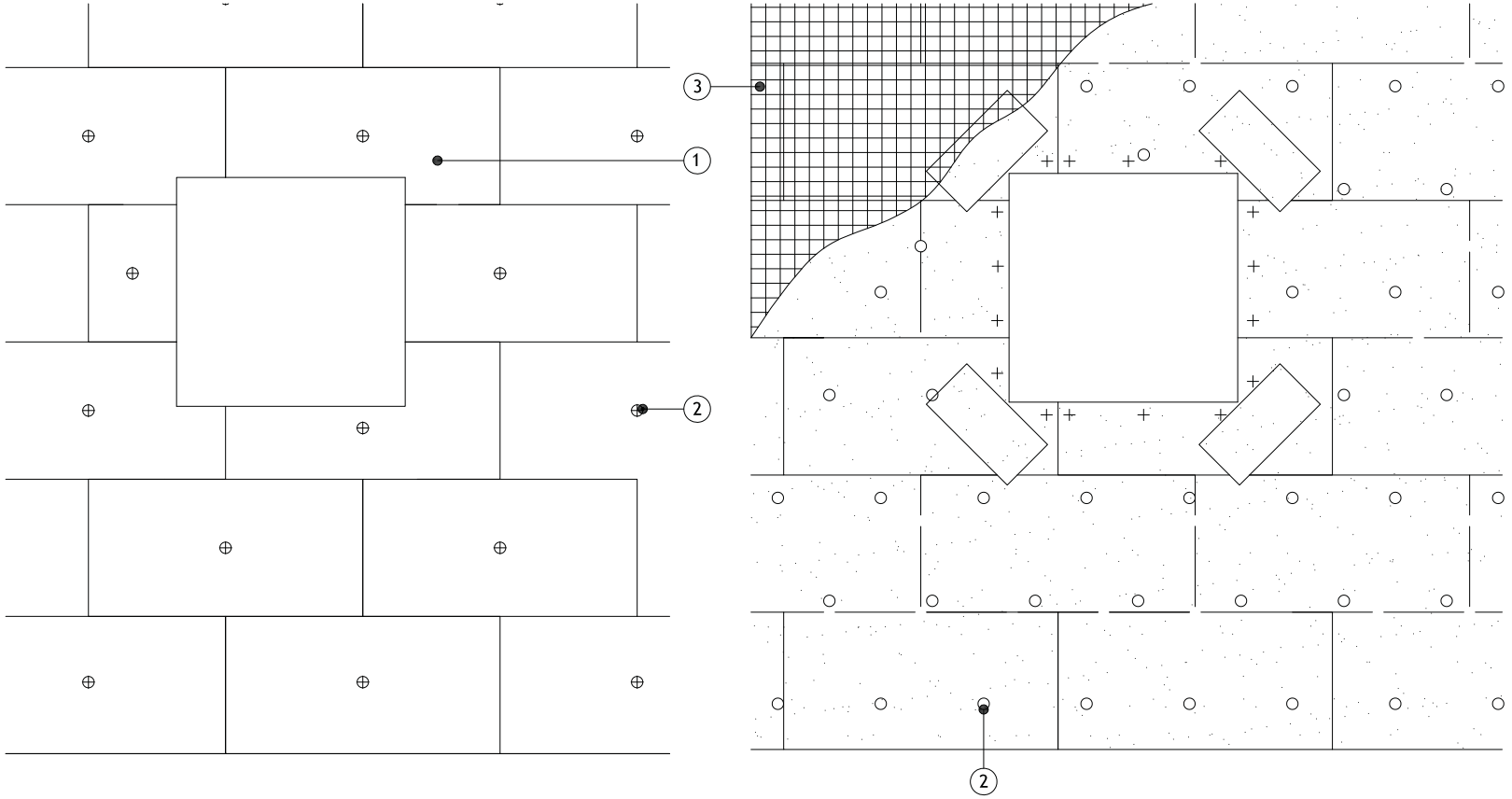
Drawing title:
Silkolitt Pro EWI System
Low Rise Fixing Pattern Detail
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-100	NTS
Revision:	Date: 01.08.2017

File:	K Palmer

Items:-

1 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
2 - Alumasc Approved Mechanical fixing (as per specification)
3 - Alumasc Scrim Reinforcement bedded into Alumasc Base Coat



Notes:

1 - Refer to Alumasc E.B.P. Ltd for Technical Assistance regarding specification, fixing type and project specific fixing pattern.
2 - Main area elevations to follow 1 mechanical fixings through the centre of the board and then 450mm centres through the scrim. TBC by Structural Engineers report.
3 - Min. 200mm bond overlap.
4 - Fixings at 300mm centres at external corners and openings.

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Drawing title:
Silkolitt Pro EWI System
Medium Rise Fixing Pattern Detail
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Revision:	Date: 01.08.2017

File:	K Palmer

Items:-

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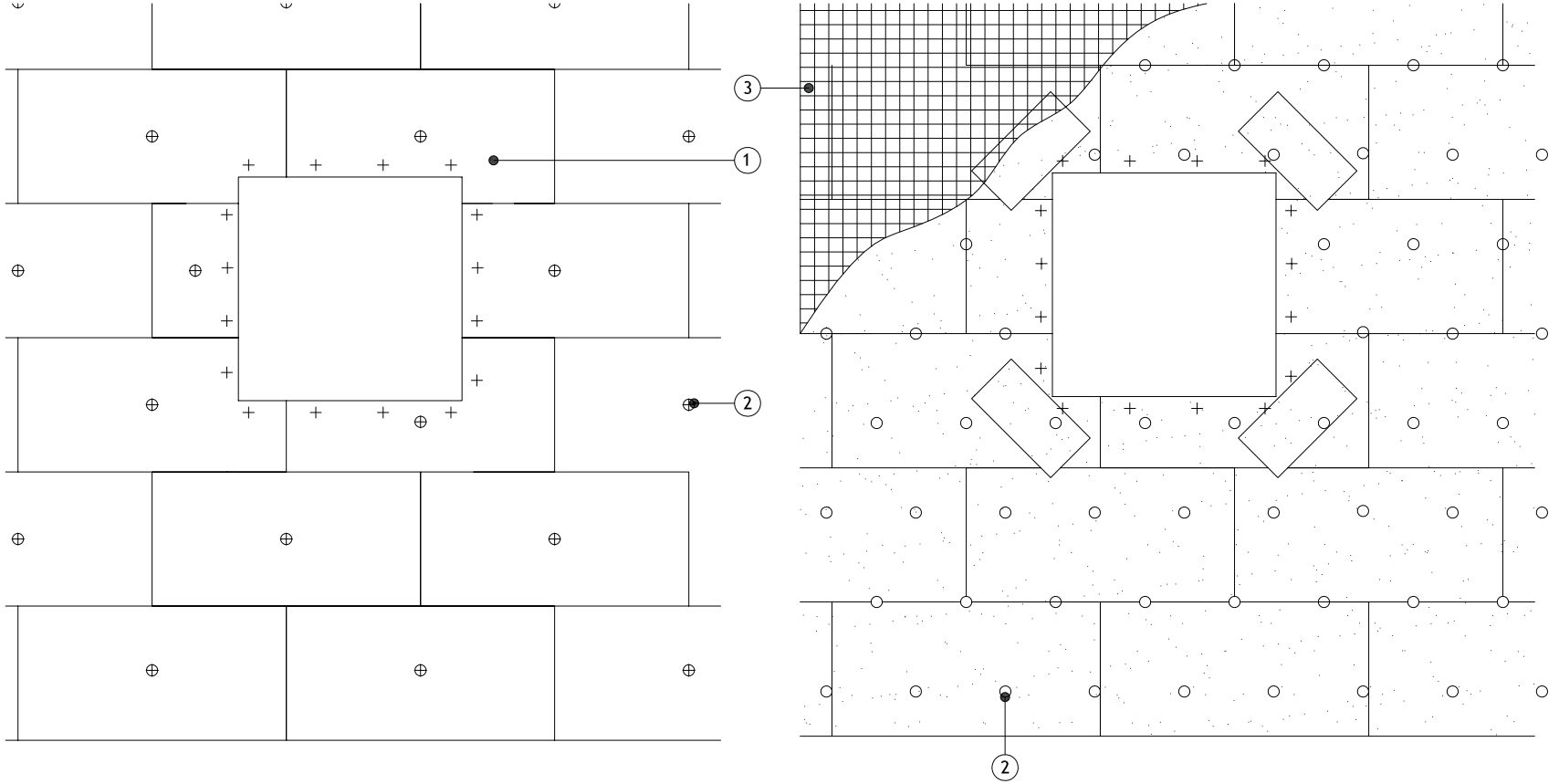
2 - Alumasc Approved Mechanical fixing (as per specification)
3 - Alumasc Scrim Reinforcement bedded into Alumasc Base Coat



Notes:

1 - Refer to Alumasc E.B.P. Ltd for Technical Assistance regarding specification, fixing type and project specific fixing pattern.
2 - Main area elevations to follow 1 mechanical fixings through the centre of the board and then 400mm centres through the scrim. TBC by Structural Engineers report.
3 - Min. 200mm bond overlap.
4 - Fixings at 300mm centres at external corners and openings.

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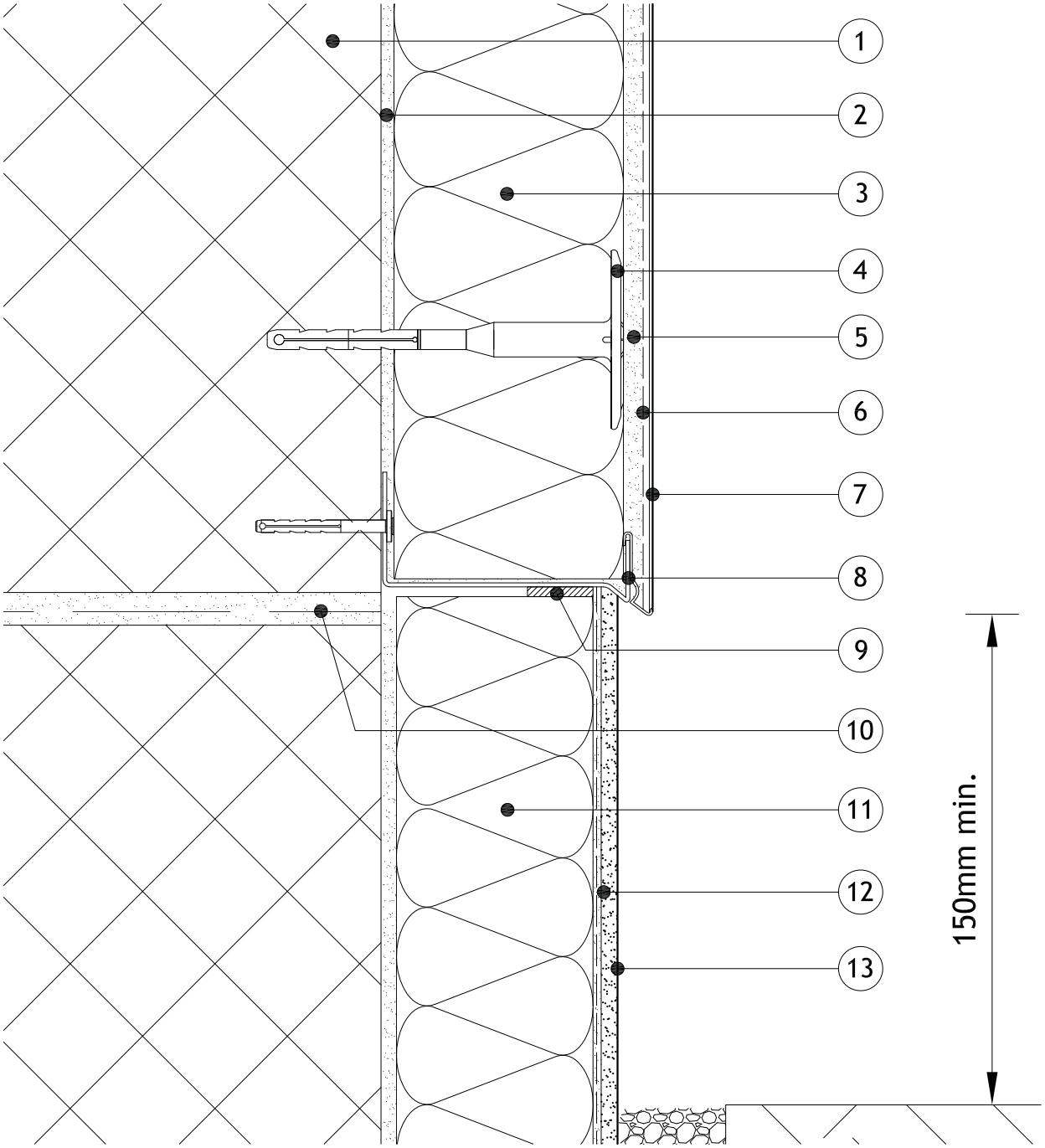
Drawing title:
Silkolitt Pro EWI System
High Rise Fixing Pattern Detail
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-102	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Masonry Structure
2 - M.R. Bedding Adhesive (if required, please refer to specification)
3 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
4 - Alumasc Approved Mechanical fixing (as per specification)
5 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
6 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
7 - Alumasc Silicone Primer & Silkolitt
8 - Alumasc Starter Track with Clip on Drip Profile (as per specification)
9 - Alumasc Sealing tape & Alumasc Low Modulus Silicone Sealant
10 - Anticipated line of DPC
11 - XPS Insulation (as per specification)
12 - M.R. Scrim Adhesive with Alumasc Scrim Reinforcement fully bedded in
13 - M.R. S2 Polymer Plain Render for below DPC (as per specification)



Notes:-

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Drawing title:
Silkolitt Pro EWI System
Insulated below DPC Detail

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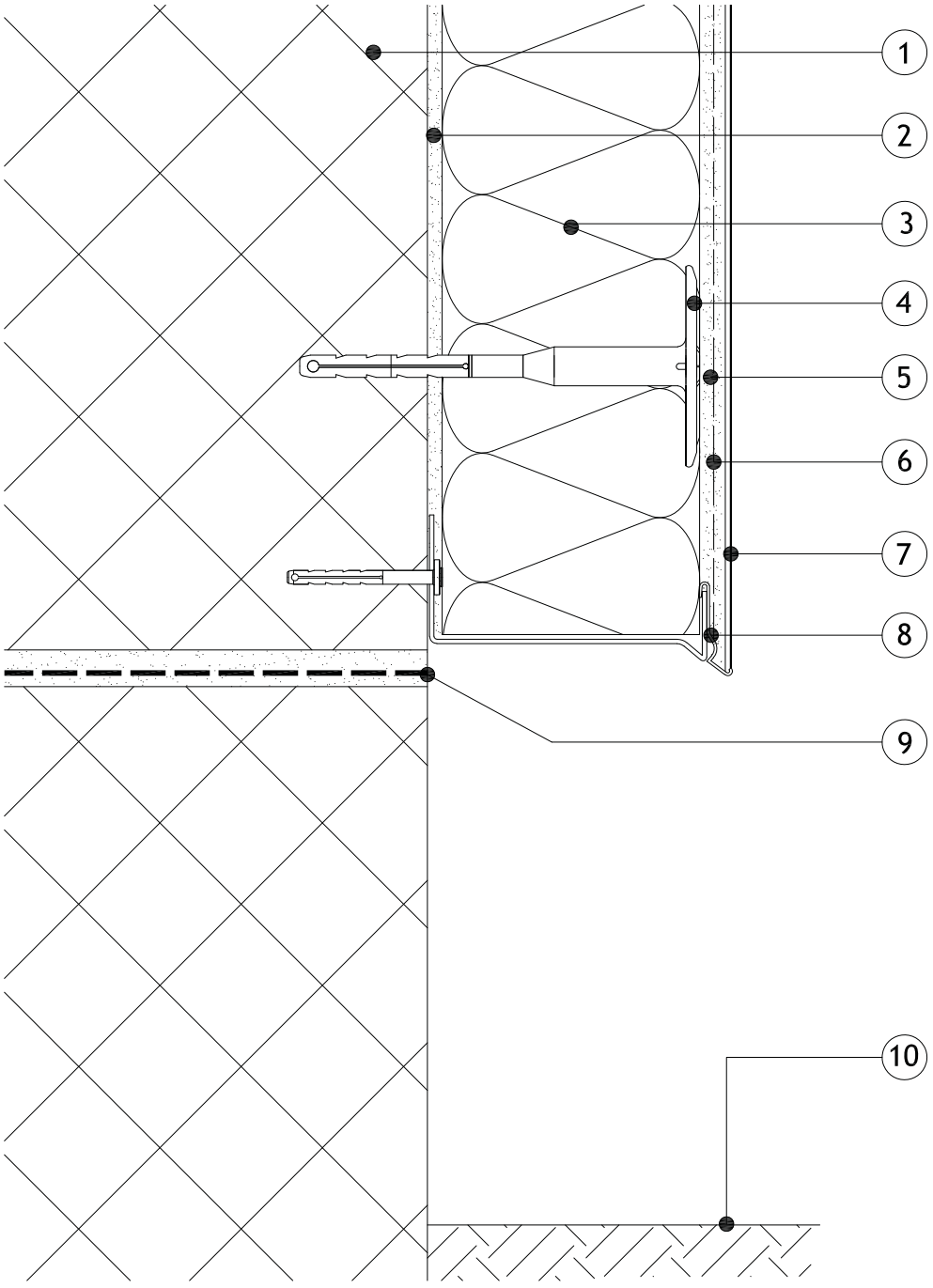
Drawing No:	Scale:
S-PRO-M-200	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Masonry Structure
2 - M.R. Bedding Adhesive (if required, please refer to specification)
3 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
4 - Alumasc Approved Mechanical fixing (as per specification)
5 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
6 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
7 - Alumasc Silicone Primer & Silkolitt
8 - Alumasc Base Track with Base Track Clip (as per specification)
9 - Anticipated line of DPC
10- Existing ground level



Notes:-

1. Refer to Alumasc Facades for technical assistance regarding specification.
2. Please be aware that this detail creates a potential cold bridge. Refer to detail S-PRO-M-200 for best practice.

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E-mail: info@alumascfacades.com

Drawing title:
Silkolitt Pro EWI System
Base Detail

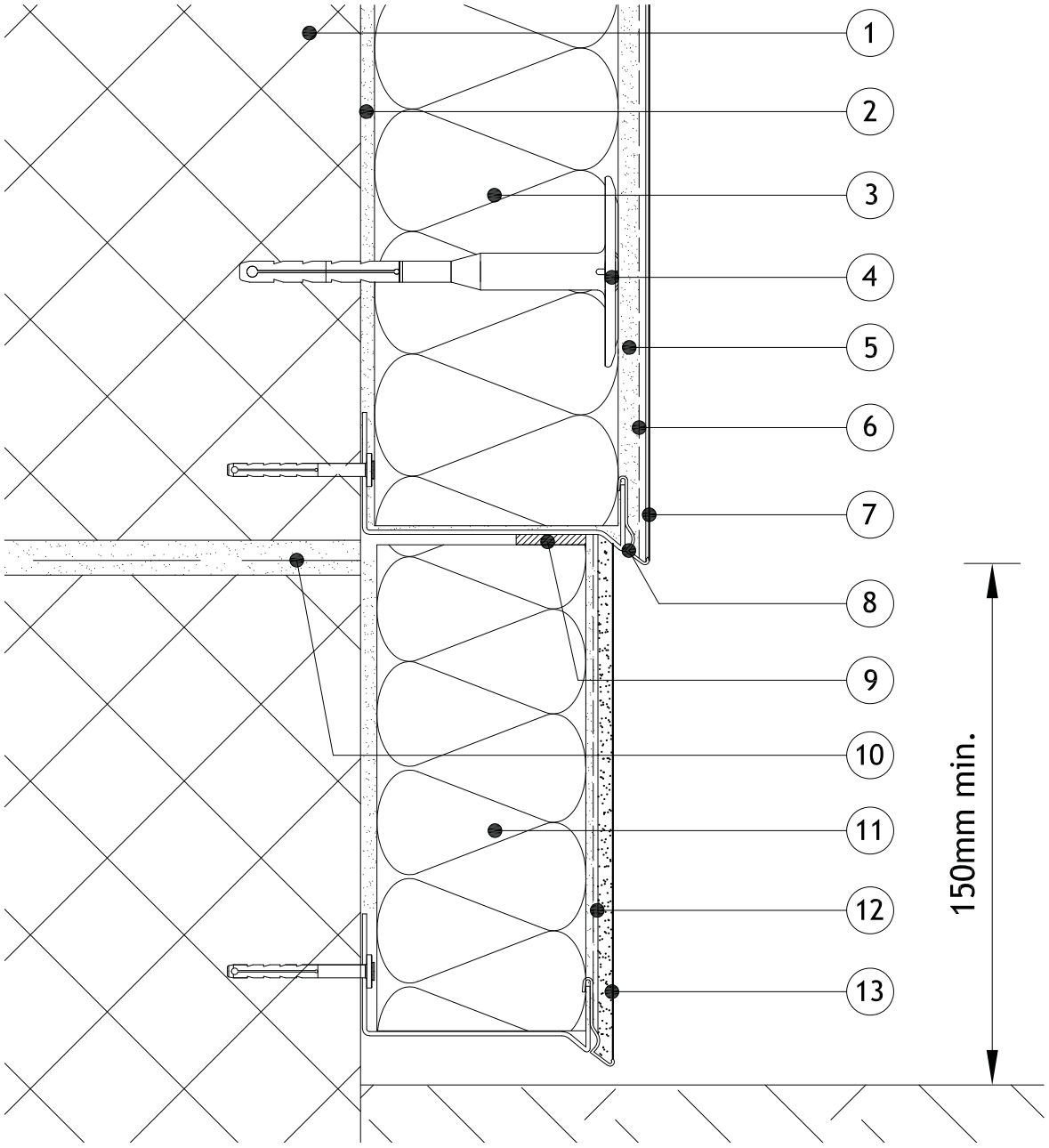
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-201	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Masonry Structure
2 - M.R. Bedding Adhesive (if required, please refer to specification)
3 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
4 - Alumasc Approved Mechanical fixing (as per specification)
5 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
6 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
7 - Alumasc Silicone Primer & Silkolitt
8 - Alumasc Base Track with Base Track Clip (as per specification)
9 - Alumasc Sealing tape & Alumasc Low Modulus Silicone Sealant
10 - Anticipated line of DPC
11 - XPS Insulation (as per specification)
12 - M.R. Scrim Adhesive with Alumasc Scrim Reinforcement fully bedded in
13 - M.R. S2 Polymer Plain Render for below DPC (as per specification)



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Drawing title:
Silkolitt Pro EWI System
Insulated below DPC Detail

Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-202	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Proposed window cill
2 - Alumasc Sealing tape & Alumasc Low Modulus Silicone Sealant
3 - Masonry Structure
4 - M.R. Bedding Adhesive (if required, please refer to specification)
5 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
6 - Alumasc Approved Mechanical fixing (as per specification)
7 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
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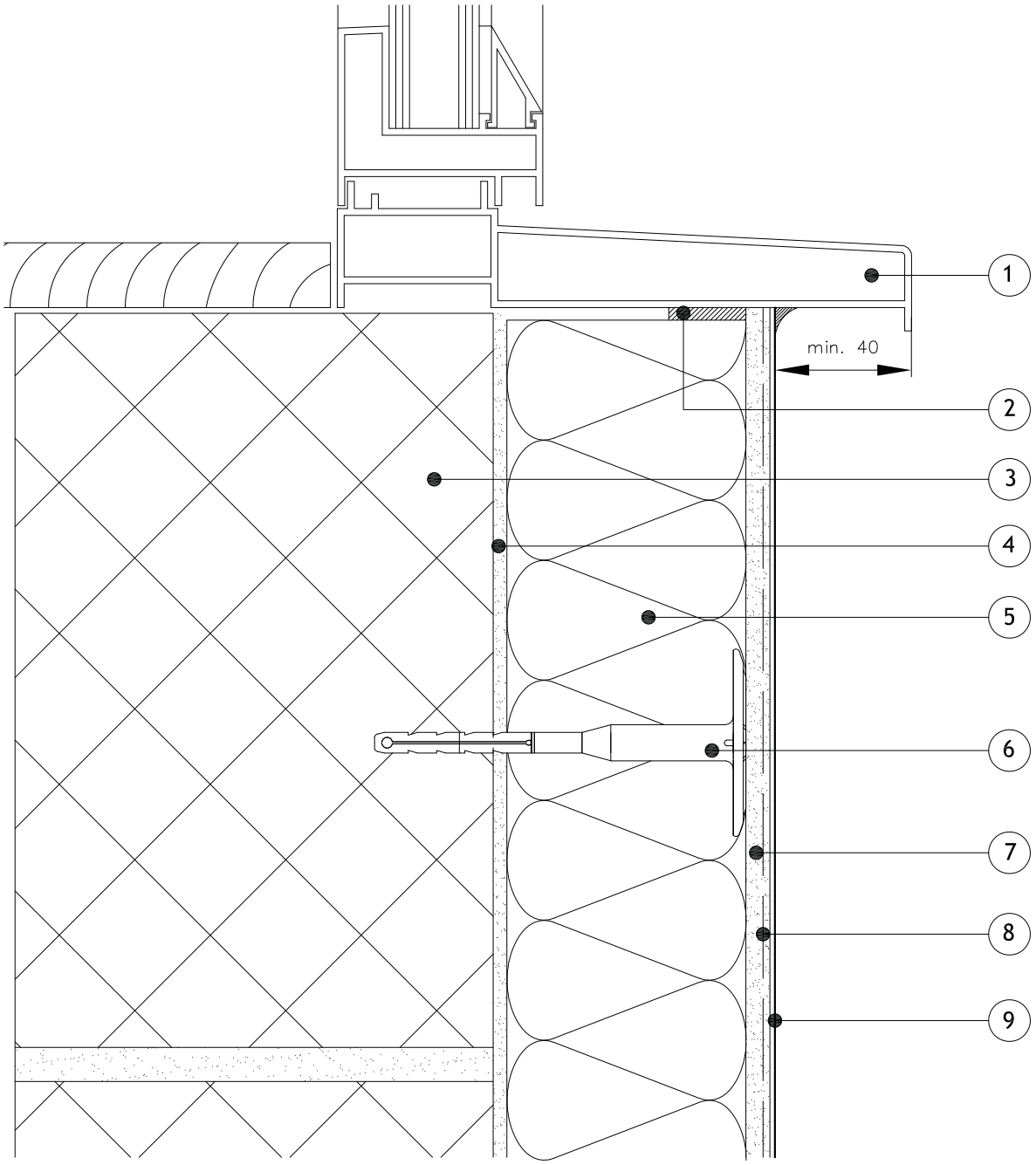
9 - Alumasc Silicone Primer & Silkolitt



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Facsimile: +44 (0)1744 648401
Website: www.alumascfacades.com
E-mail: info@alumascfacades.com

Drawing title:
Silkolitt Pro EWI System
Window Sill Detail

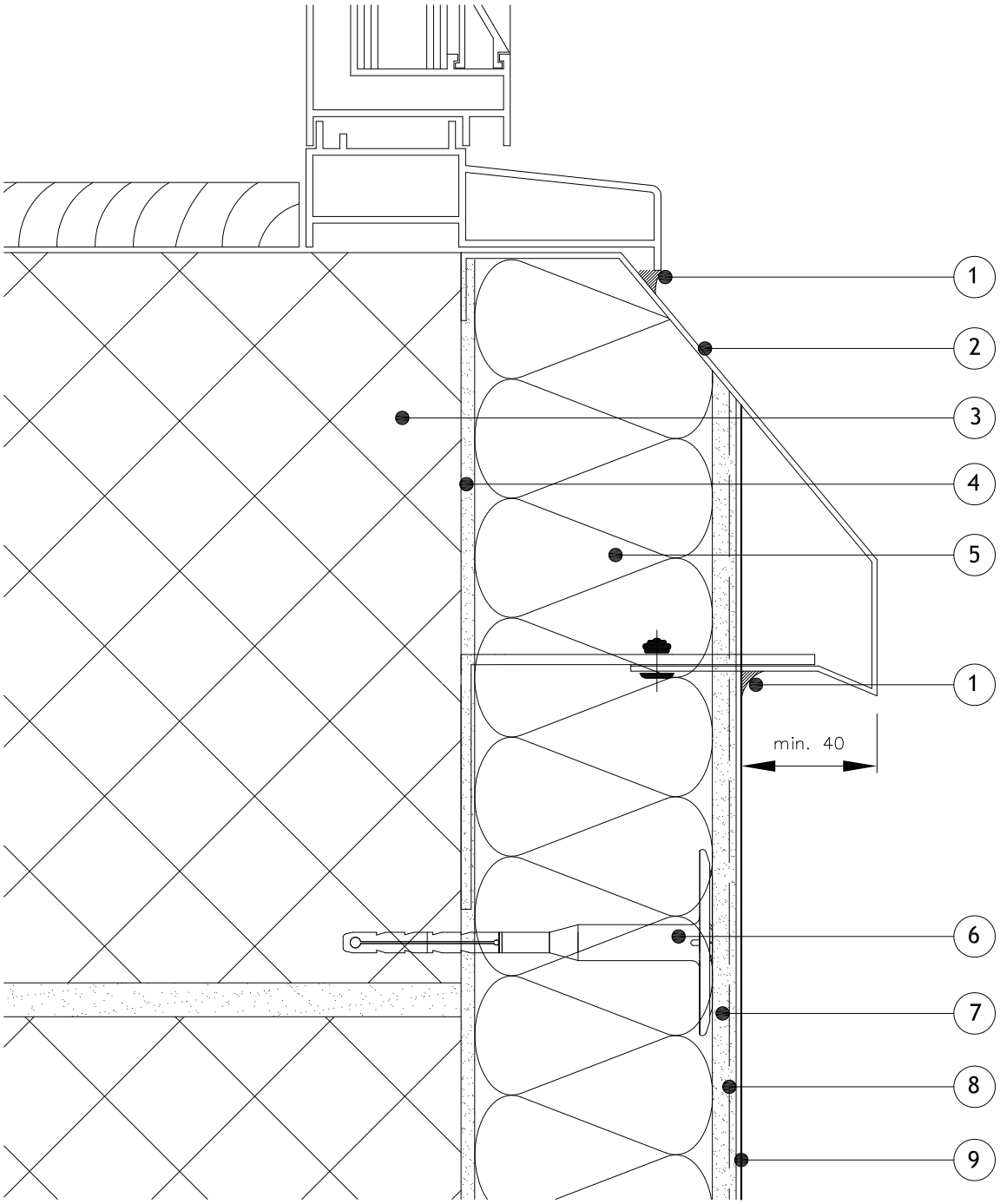
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-300	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Alumasc Low Modulus Silicone Sealant
2 - Alumasc Anti-Perch Window Sill
3 - Masonry Structure
4 - M.R. Bedding Adhesive (if required, please refer to specification)
5 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
6 - Alumasc Approved Mechanical fixing (as per specification)
7 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
8 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
9 - Alumasc Silicone Primer & Silkolitt



Notes:-

1. Refer to Alumasc Facades for technical assistance regarding specification.

ALUMASC FACADES

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E-mail: info@alumascfacades.com

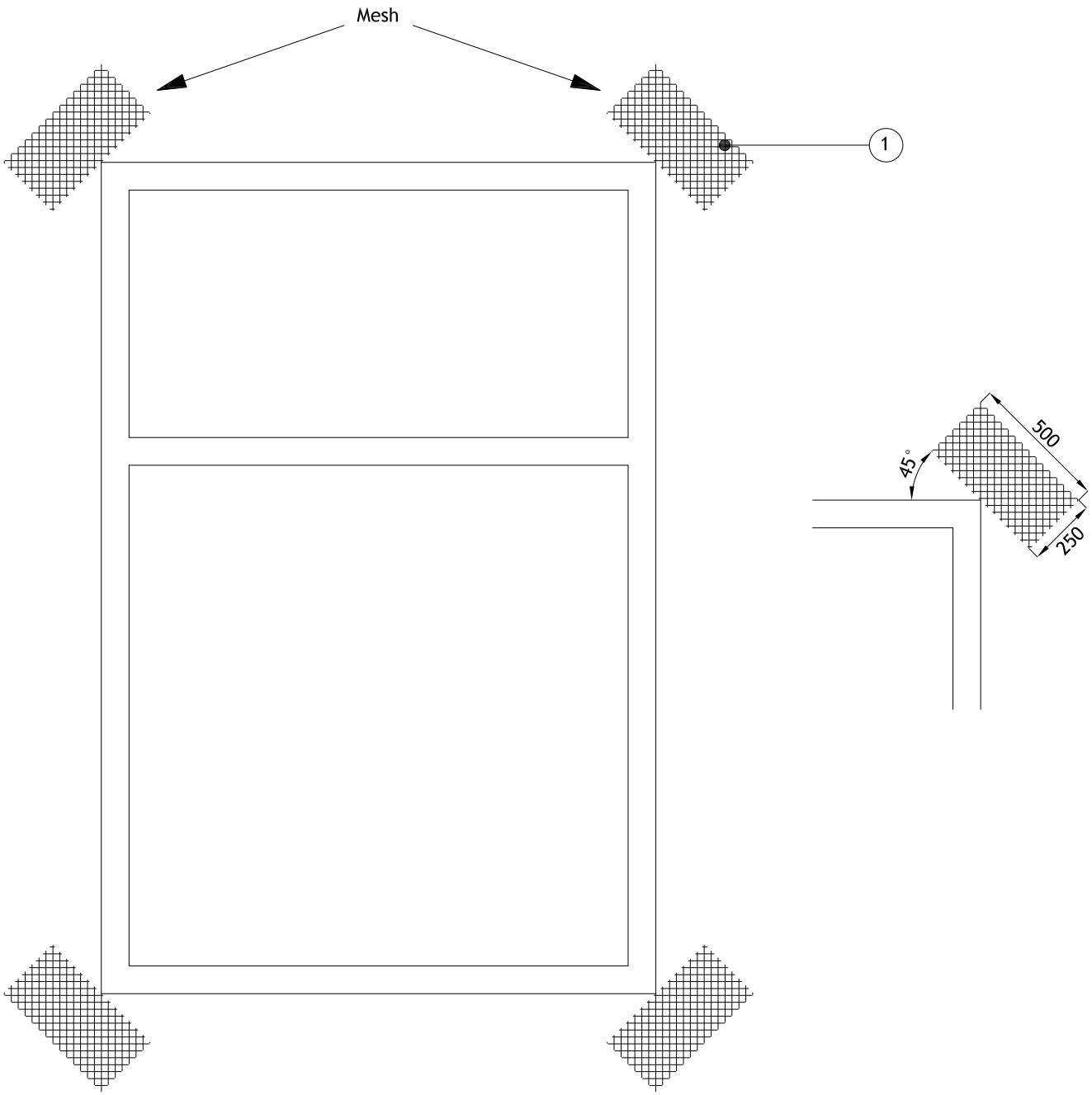
Drawing title:
Silkolitt Pro EWI System
Window Sill Anti-Perch Detail

Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-301	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-
1 - Alumasc Scrim Reinforcement



Notes:-
1. Refer to Alumasc Facades for technical assistance regarding specification.

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E-mail: info@alumascfacades.com

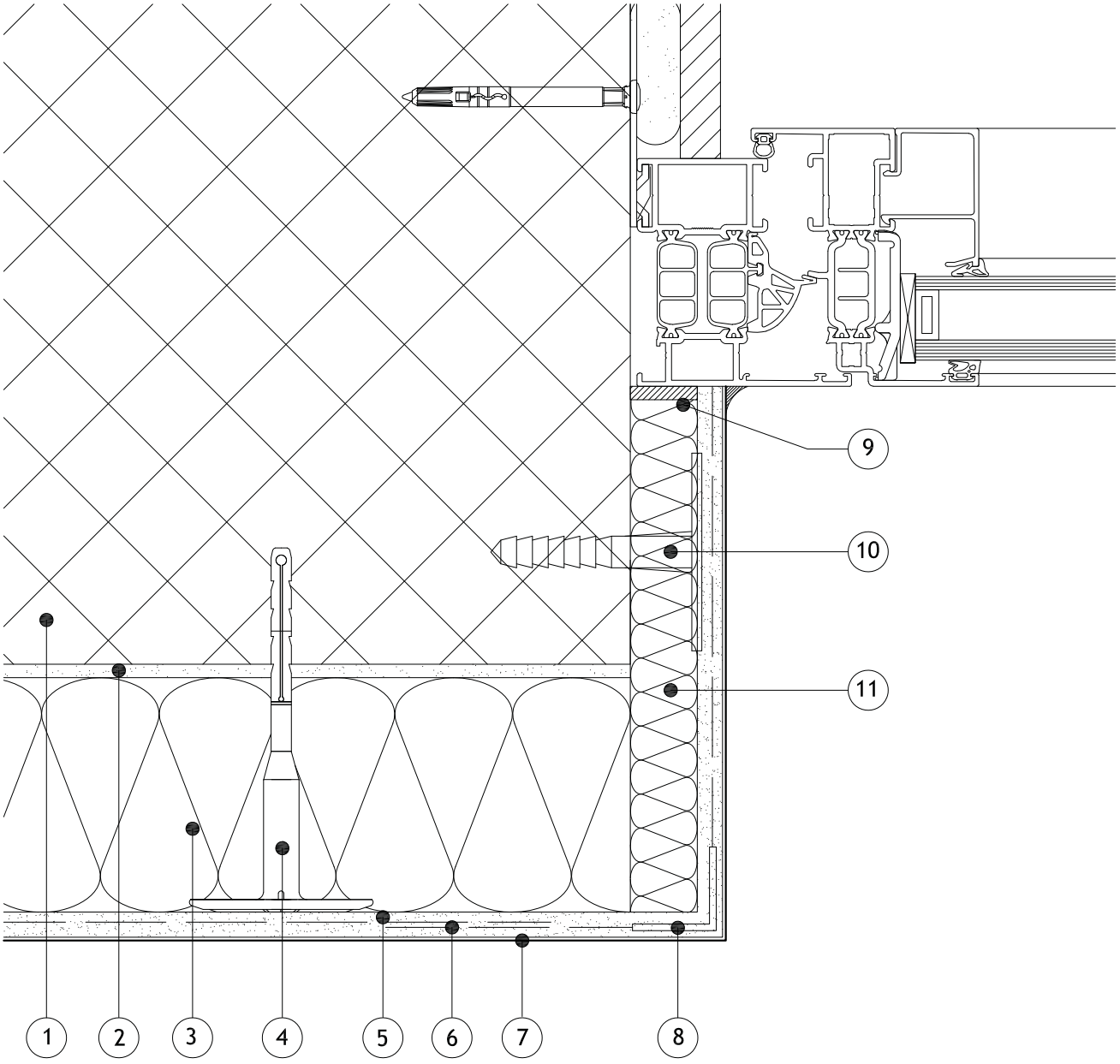
Drawing title:
Silkolitt Pro EWI System
Stress Patch Detail
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-302	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Masonry Structure
2 - M.R. Bedding Adhesive (if required, please refer to specification)
3 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
4 - Alumasc Approved Mechanical fixing (as per specification)
5 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
6 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
7 - Alumasc Silicone Primer & Silkolitt
8 - ST Corner Bead (as per specification)
9 - Alumasc Low Modulus Silicone Sealant & Alumasc Sealing tape
10 - DIPK fixing for reveal board (as per specification)
11 - Alumasc Pro Dual Density Mineral Wool Insulation 20mm (as per specification) mechanically fixed into the reveal



Notes:-

1. Refer to Alumasc Facades for technical assistance regarding specification.

ALUMASC FACADES

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Drawing title:
Silkolitt Pro EWI System
Insulated Reveal Detail

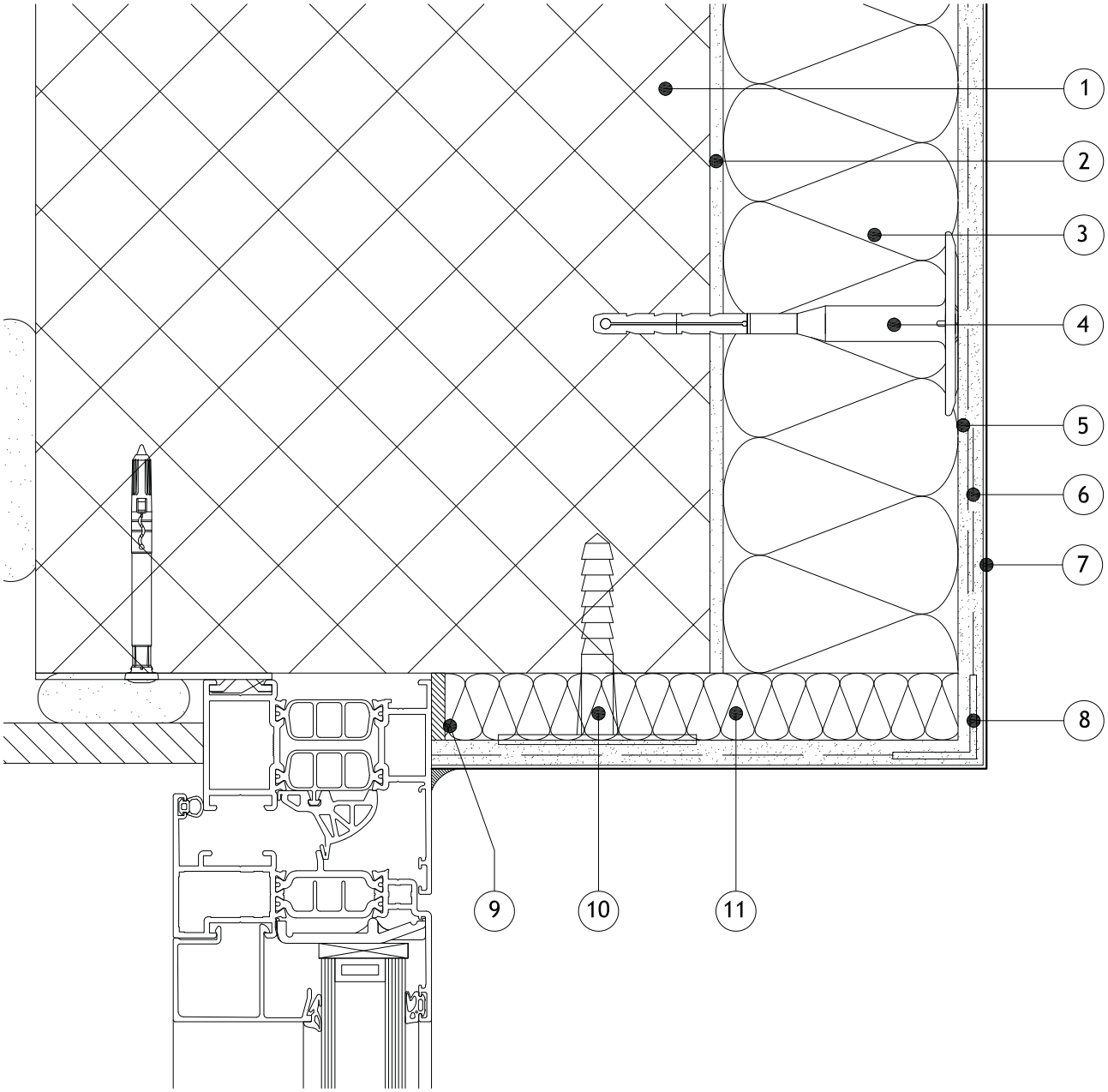
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-303	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Masonry Structure
2 - M.R. Bedding Adhesive (if required, please refer to specification)
3 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
4 - Alumasc Approved Mechanical fixing (as per specification)
5 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
6 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
7 - Alumasc Silicone Primer & Silkolitt
8 - ST Corner Bead (as per specification)
9 - Alumasc Low Modulus Silicone Sealant & Alumasc Sealing tape
10 - Alumasc Pro Dual Density Mineral Wool Insulation 20mm (as per specification) mechanically fixed into the reveal



Notes:-

1. Refer to Alumasc Facades for technical assistance regarding specification.

ALUMASC FACADES

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Drawing title:
Silkolitt Pro EWI System
Insulated Head Detail

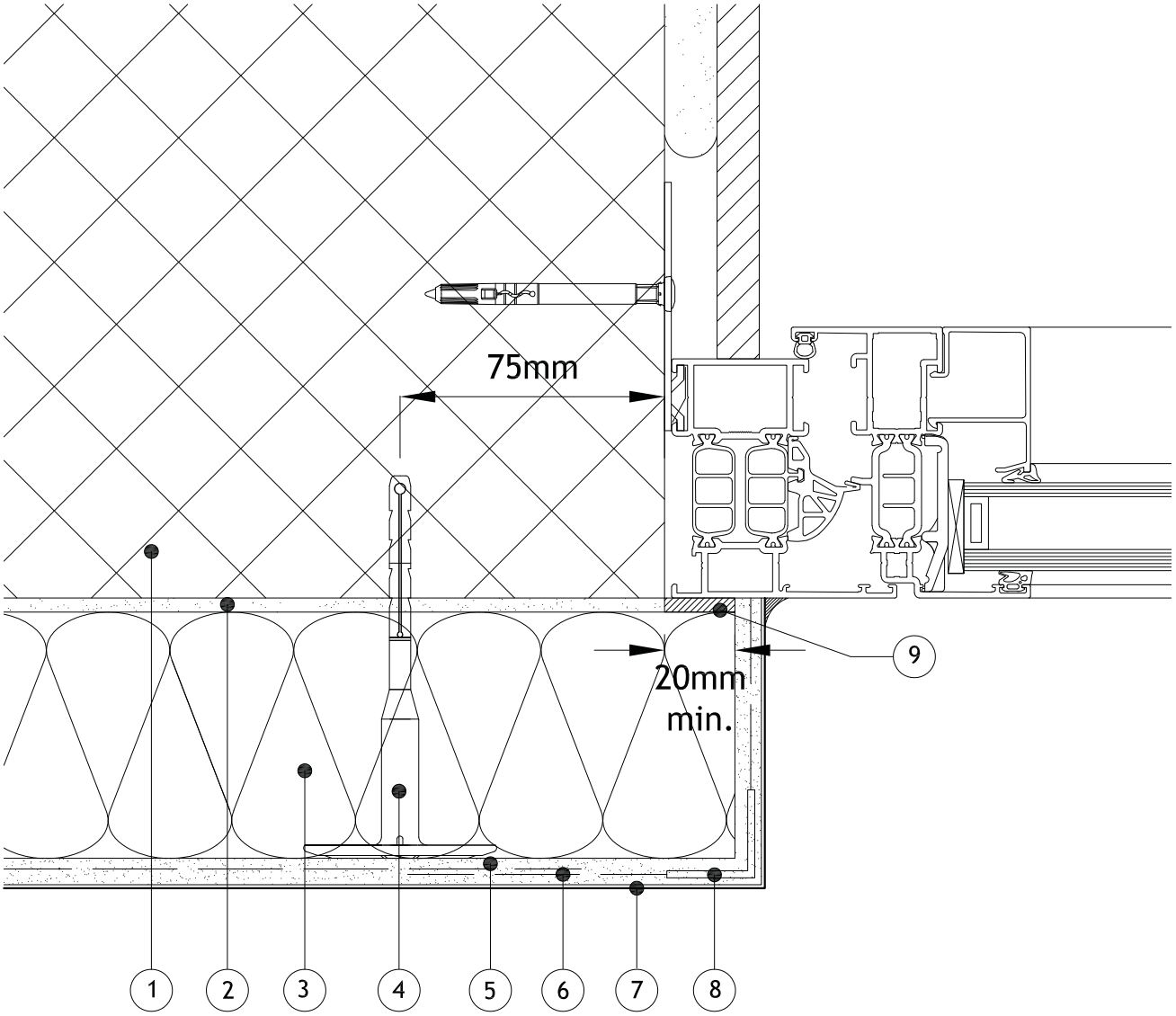
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-304	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Masonry Structure
2 - M.R. Bedding Adhesive (if required, please refer to specification)
3 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
4 - Alumasc Approved Mechanical fixing (as per specification)
5 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
6 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
7 - Alumasc Silicone Primer & Silkolitt
8 - ST Corner Bead (as per specification)
9 - Alumasc Low Modulus Silicone Sealant & Alumasc Sealing tape



Notes:-

1. Refer to Alumasc Facades for technical assistance regarding specification.

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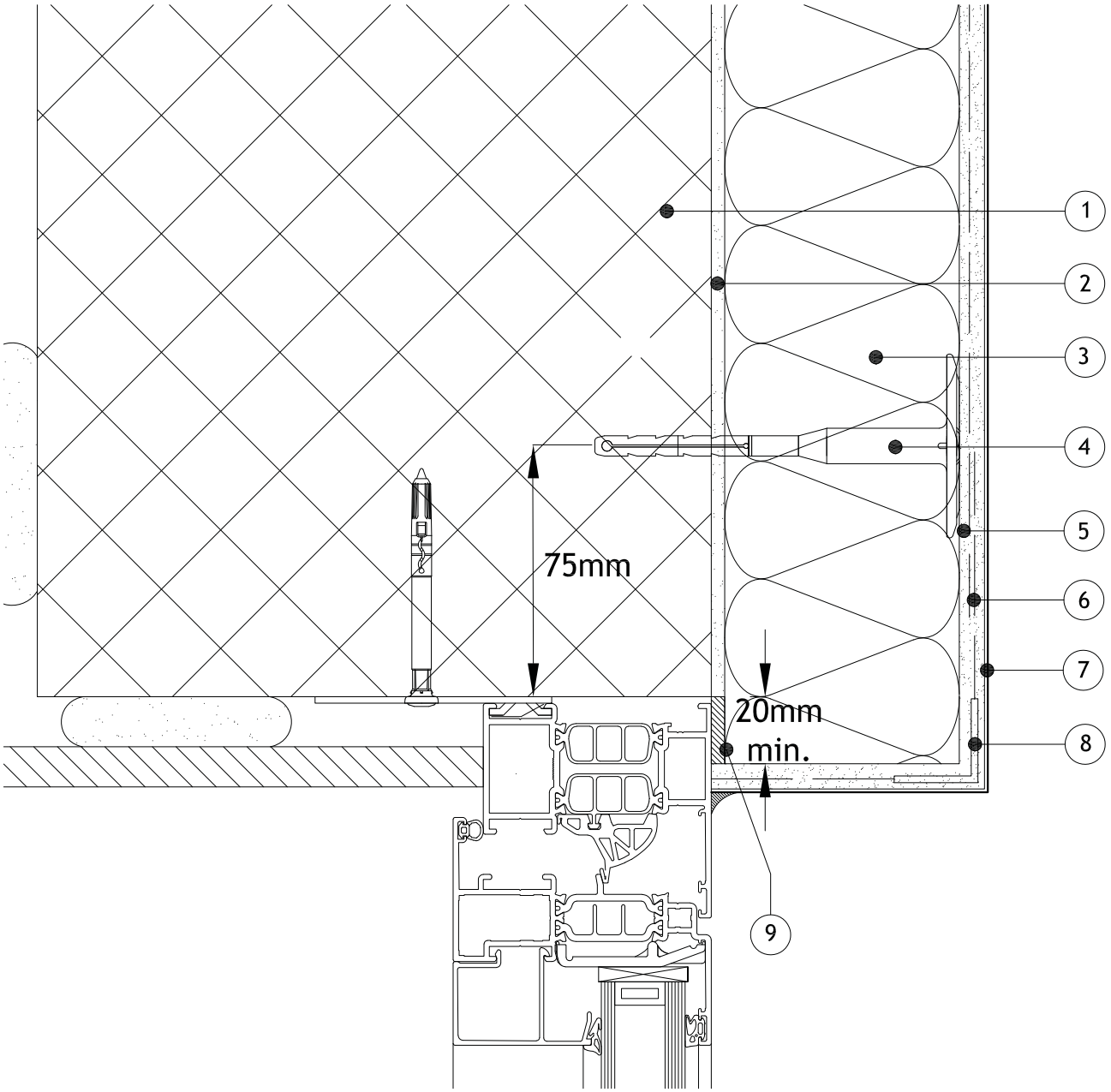
Drawing title:
Silkolitt Pro EWI System
Insulated Reveal Oversail Detail
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-305	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Masonry Structure
2 - M.R. Bedding Adhesive (if required, please refer to specification)
3 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
4 - Alumasc Approved Mechanical fixing (as per specification)
5 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
6 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
7 - Alumasc Silicone Primer & Silkolitt
8 - ST Corner Bead (as per specification)
9 - Alumasc Low Modulus Silicone Sealant & Alumasc Sealing tape



Notes:-

1. Refer to Alumasc Facades for technical assistance regarding specification.

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Drawing title:
Silkolitt Pro EWI System
Insulated Head Oversail Detail

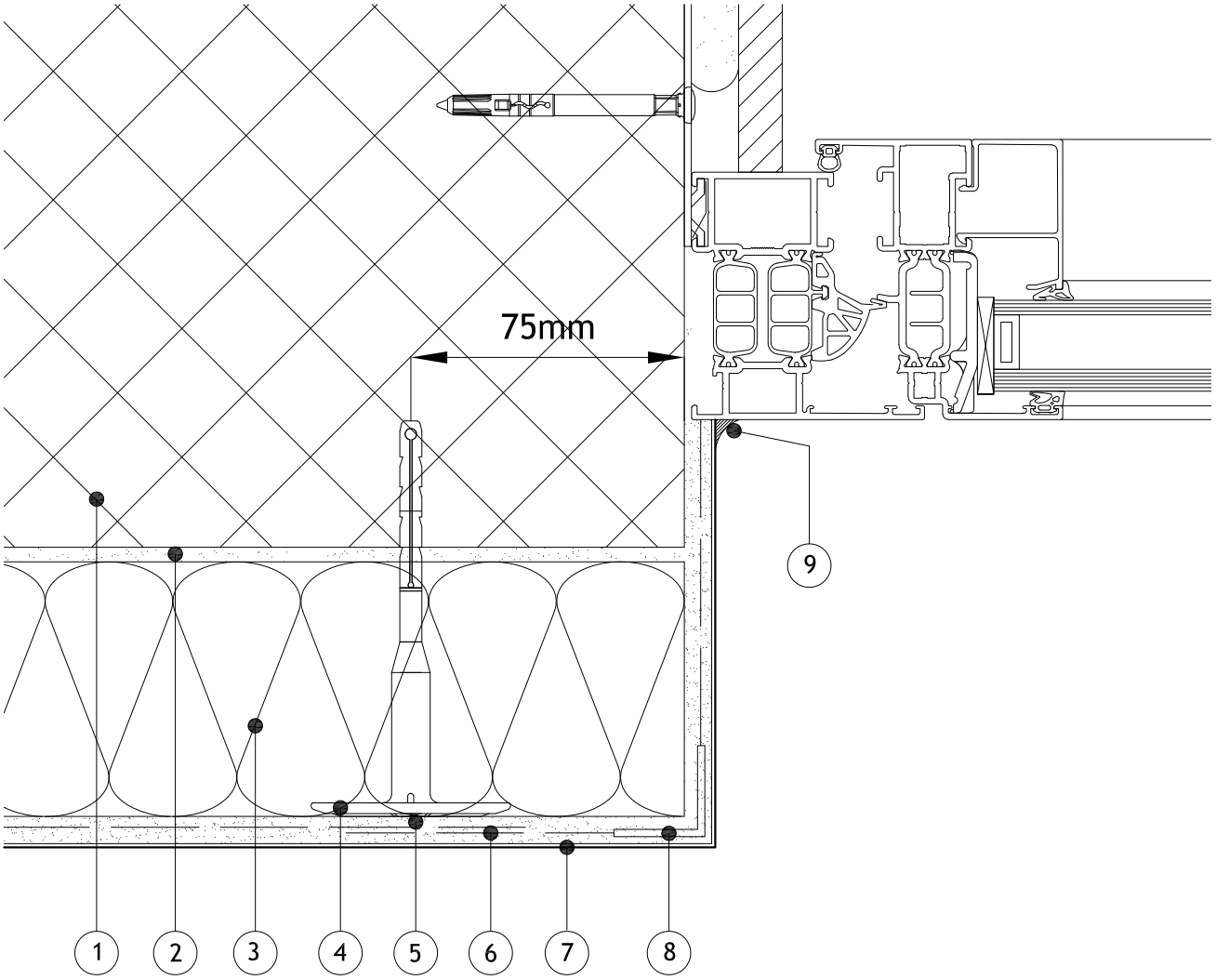
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-306	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Masonry Structure
2 - M.R. Bedding Adhesive (if required, please refer to specification)
3 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
4 - Alumasc Approved Mechanical fixing (as per specification)
5 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
6 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
7 - Alumasc Silicone Primer & Silkolitt
8 - ST Corner Bead (as per specification)
9 - Alumasc Low Modulus Silicone Sealant



Notes:-

1. Refer to Alumasc Facades for technical assistance regarding specification.
2. Please be aware that this detail creates a potential cold bridge. Refer to detail S-PRO-M-303 for best practice.

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Drawing title:
Silkolitt Pro EWI System
Non-insulated Reveal Detail

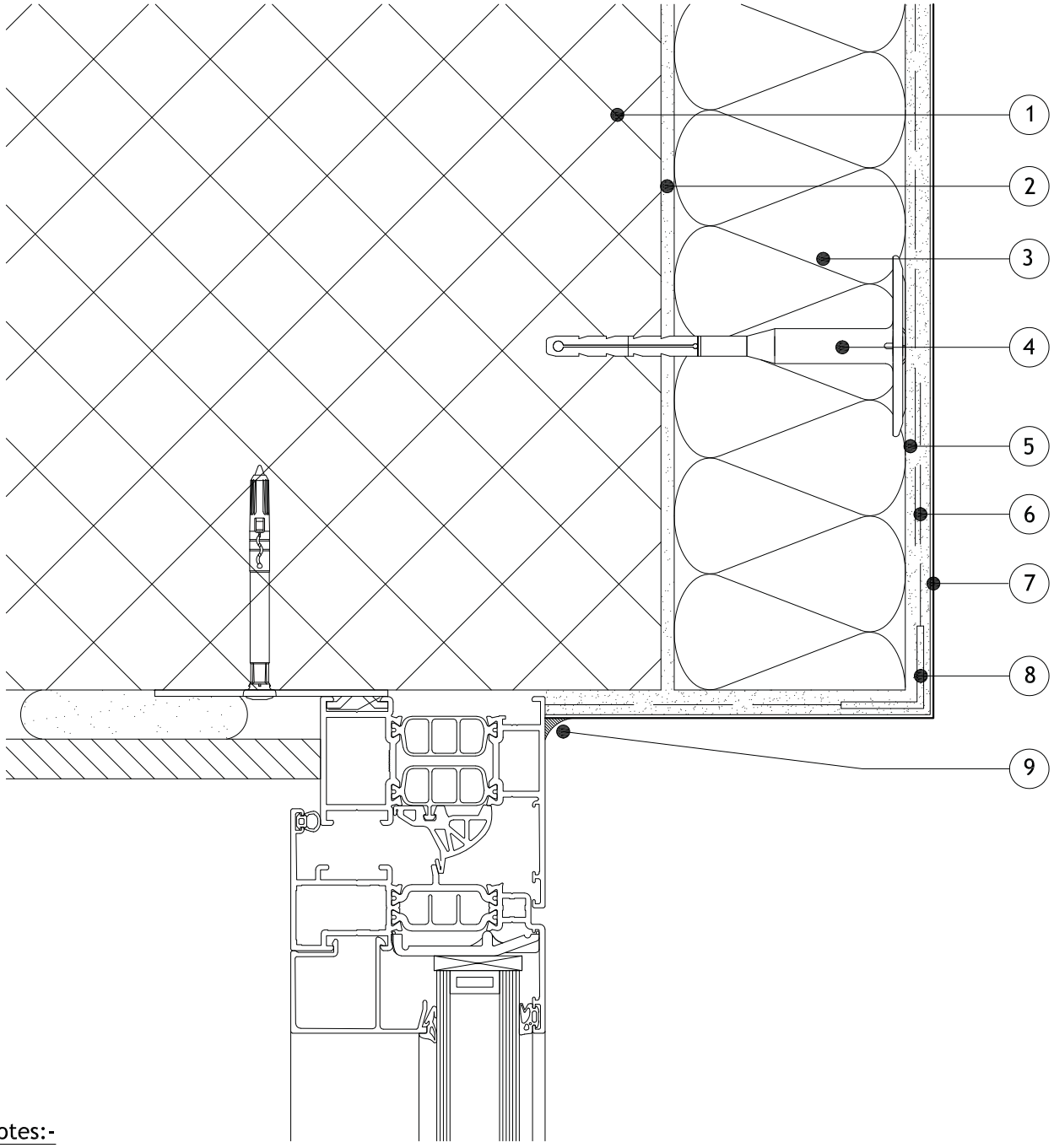
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-307	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Masonry Structure
2 - M.R. Bedding Adhesive (if required, please refer to specification)
3 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
4 - Alumasc Approved Mechanical fixing (as per specification)
5 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
6 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
7 - Alumasc Silicone Primer & Silkolitt
8 - ST Corner Bead (as per specification)
9 - Alumasc Low Modulus Silicone Sealant



Notes:-

1. Refer to Alumasc Facades for technical assistance regarding specification.
2. Please be aware that this detail creates a potential cold bridge. Refer to detail S-PRO-M-304 for best practice.

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Drawing title:
Silkolitt Pro EWI System
Non-insulated Head Detail

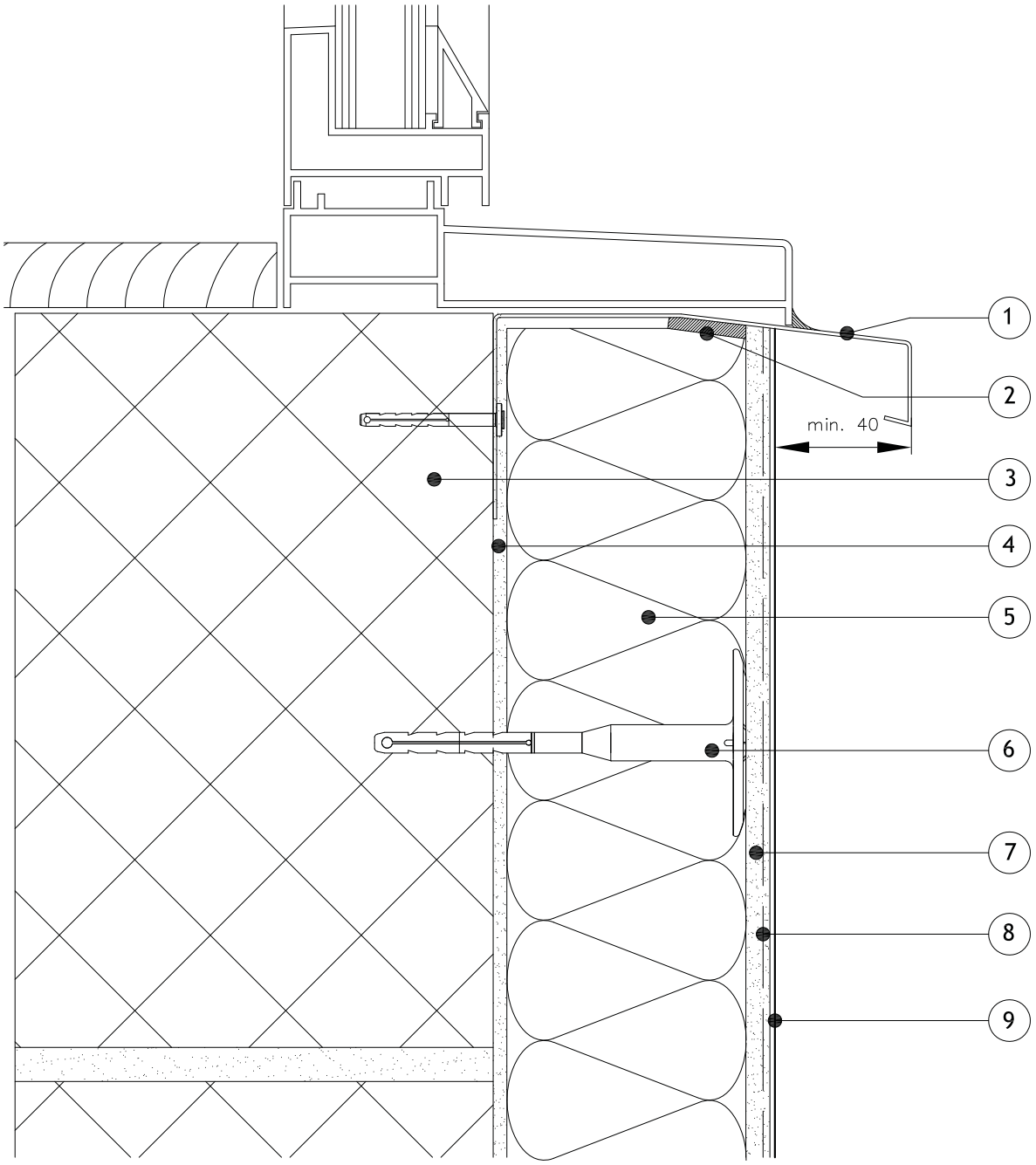
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-308	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Alumasc Undersill (as per specification)
2 - Alumasc Sealing tape & Alumasc Low Modulus Silicone Sealant
3 - Masonry Structure
4 - M.R. Bedding Adhesive (if required, please refer to specification)
5 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
6 - Alumasc Approved Mechanical fixing (as per specification)
7 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
8 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
9 - Alumasc Silicone Primer & Silkolitt



Notes:-

1. Refer to Alumasc Facades for technical assistance regarding specification.
2. Please be aware that this detail creates a potential cold bridge. Refer to detail S-PRO-M-300 for best practice.
3. Ensure window weep holes and vents are not blocked.

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Drawing title:
Silkolitt Pro EWI System
Undersill Detail

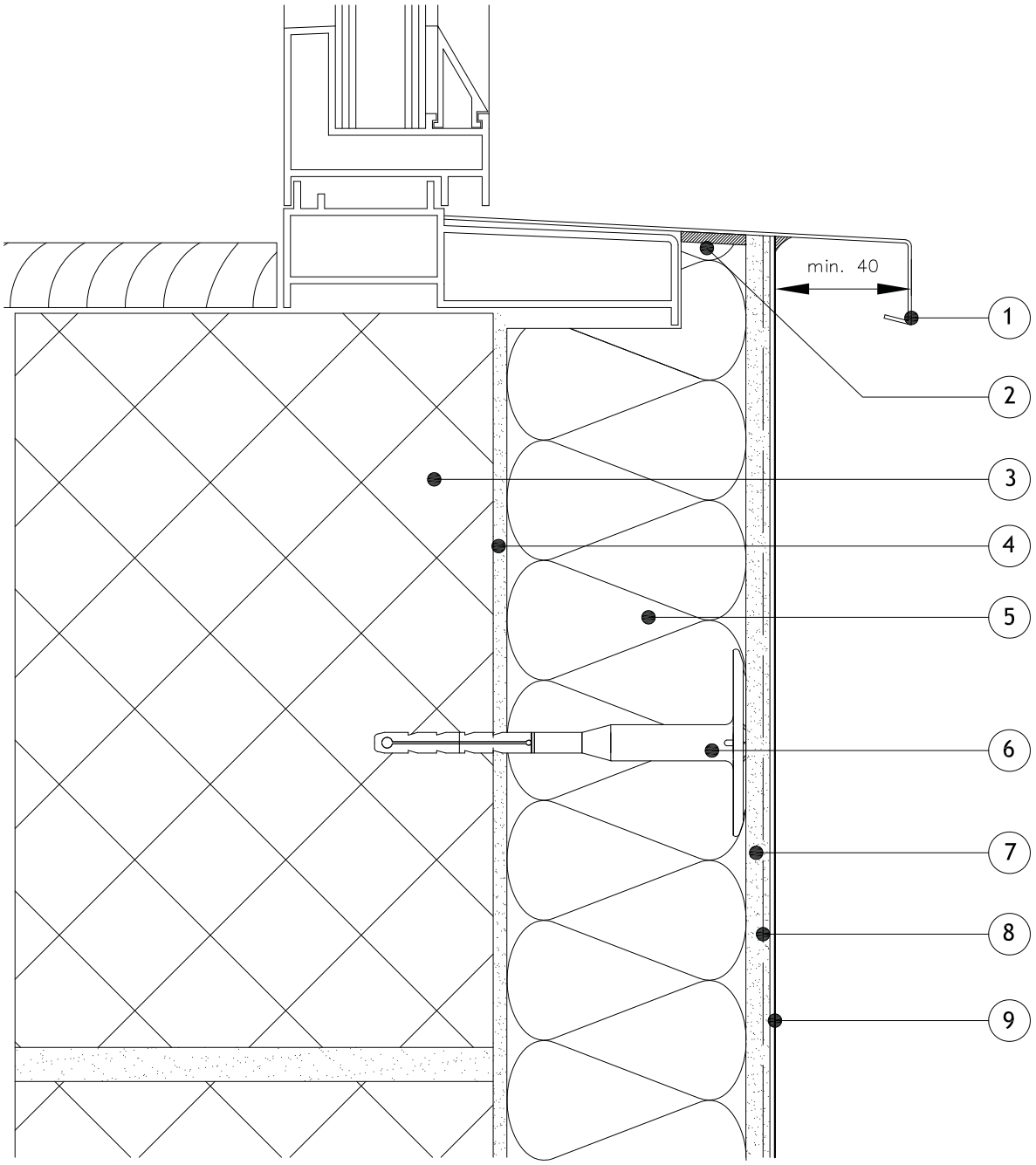
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-309	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Alumasc Oversill bedded on Alumasc Low Modulus Silicone Sealant (as per specification)
2 - Alumasc Sealing tape & Alumasc Low Modulus Silicone Sealant
3 - Masonry Structure
4 - M.R. Bedding Adhesive (if required, please refer to specification)
5 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
6 - Alumasc Approved Mechanical fixing (as per specification)
7 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
8 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
9 - Alumasc Silicone Primer & Silkolitt



Notes:-

1. Refer to Alumasc Facades for technical assistance regarding specification.
2. Please be aware that this detail creates a potential cold bridge. Refer to detail S-PRO-M-300 for best practice.
3. Ensure that any existing drainage holes are not blocked or install new drainage holes.

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Drawing title:
Silkolitt Pro EWI System
Oversill Detail

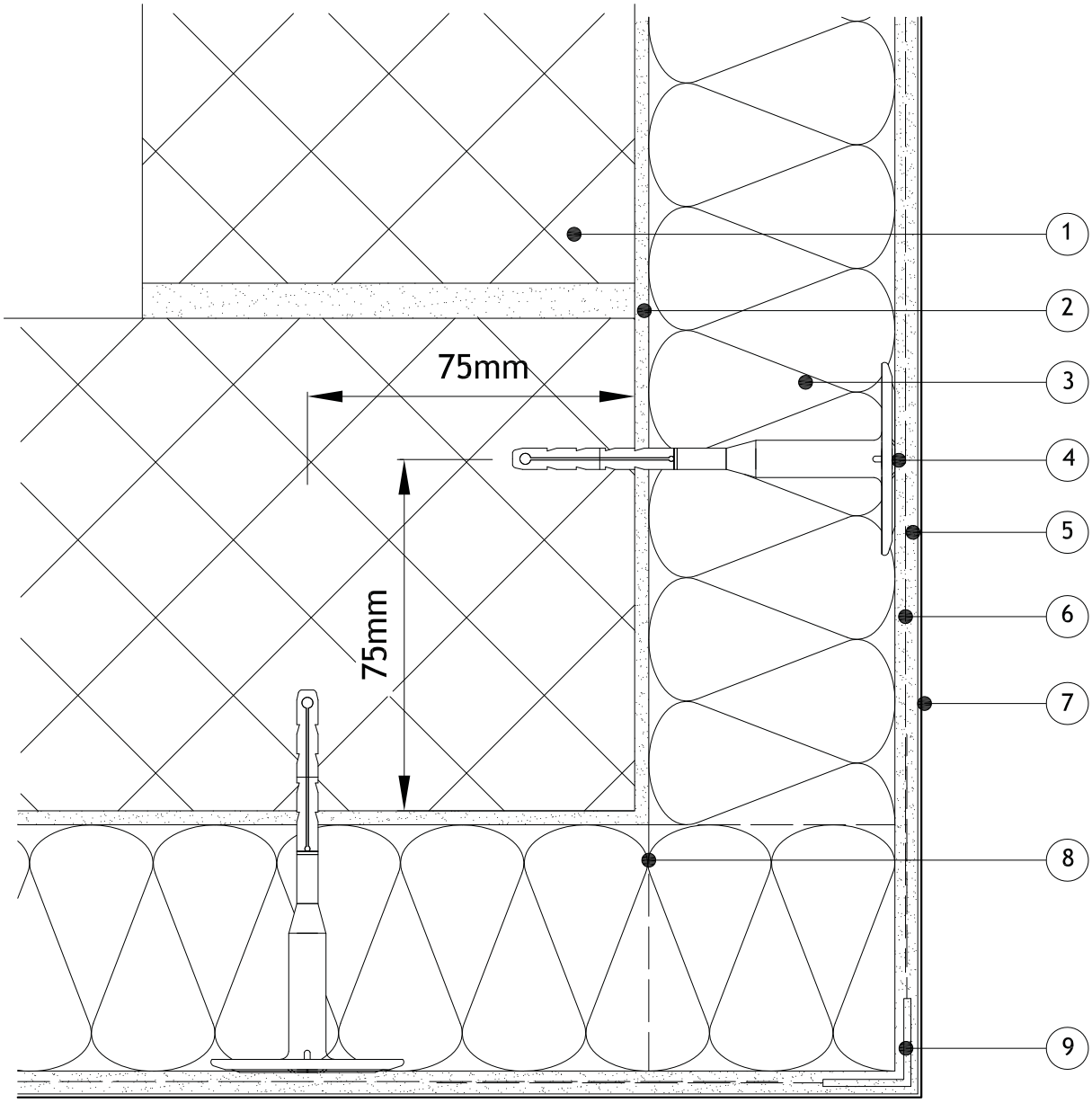
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-310	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Masonry Structure
2 - M.R. Bedding Adhesive (if required, please refer to specification)
3 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
4 - Alumasc Approved Mechanical fixing (as per specification)
5 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
6 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
7 - Alumasc Silicone Primer & Silkolitt
8 - Alternate line of insulation for brick bond (as per specification)
9 - ST Corner Bead (as per specification)



Notes:-

1. Refer to Alumasc Facades for technical assistance regarding specification.

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Drawing title:
Silkolitt Pro EWI System
Building Corner Detail

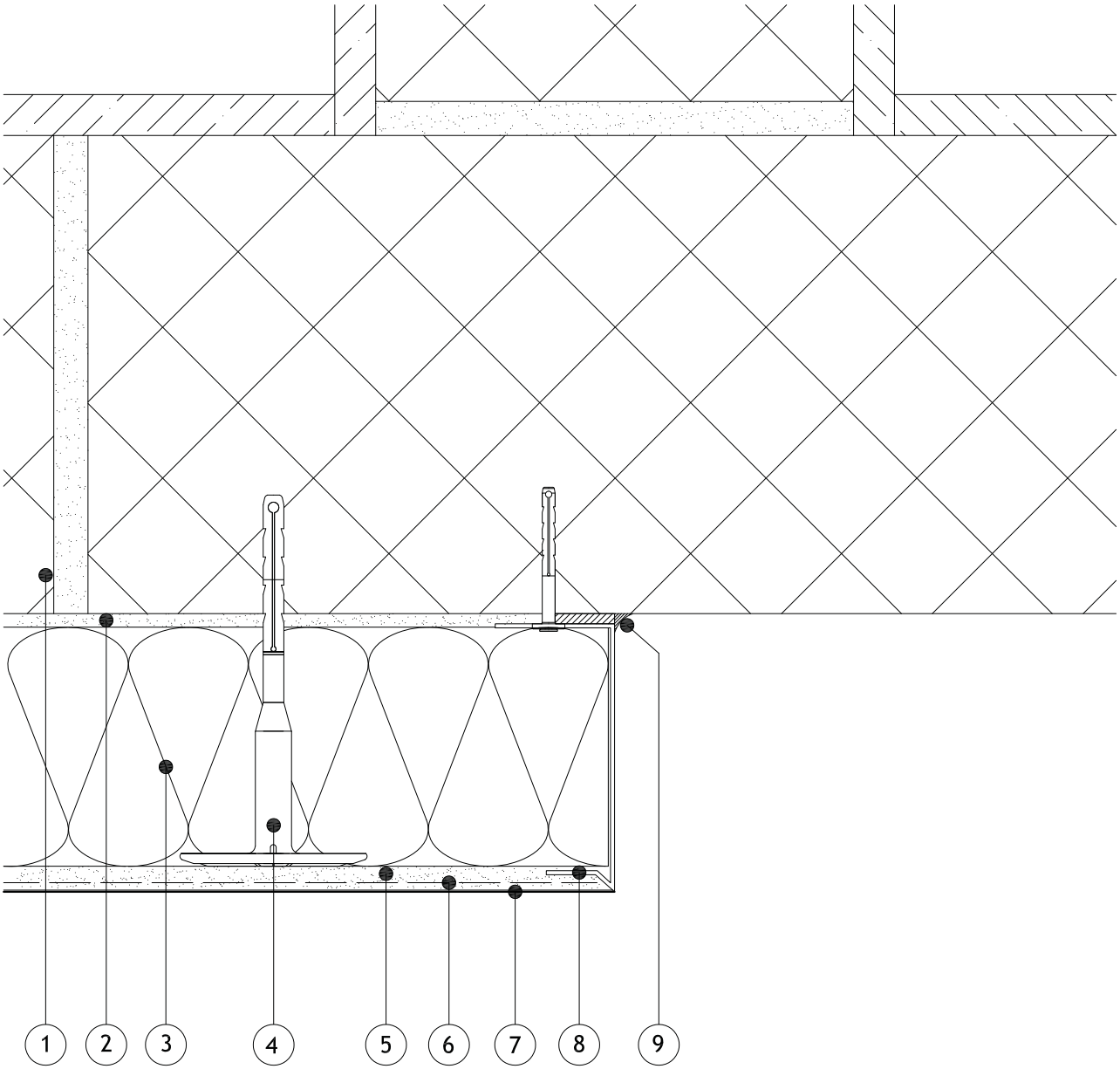
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-400	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Masonry Structure
2 - M.R. Bedding Adhesive (if required, please refer to specification)
3 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
4 - Alumasc Approved Mechanical fixing (as per specification)
5 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
6 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
7 - Alumasc Silicone Primer & Silkolitt
8 - Alumasc System Stop Bead (as per specification)
9 - Alumasc Sealing tape & Alumasc Low Modulus Silicone Sealant



Notes:-

1. Refer to Alumasc Facades for technical assistance regarding specification.
2. Please be aware that this detail creates a potential cold bridge.

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Drawing title:
Silkolitt Pro EWI System
Party Wall Stop Bead Detail

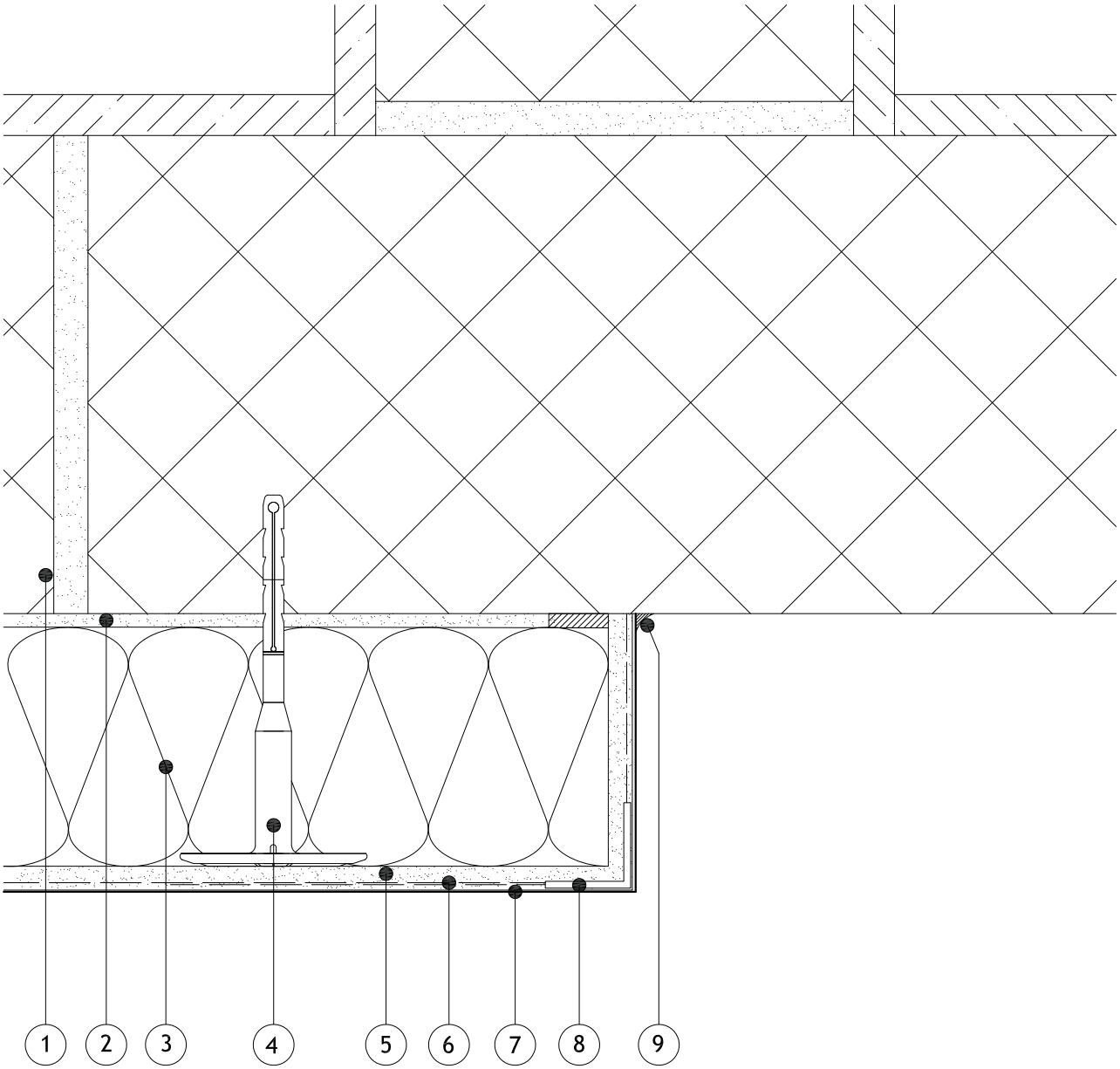
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-401	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Masonry Structure
2 - M.R. Bedding Adhesive (if required, please refer to specification)
3 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
4 - Alumasc Approved Mechanical fixing (as per specification)
5 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
6 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
7 - Alumasc Silicone Primer & Silkolitt
8 - ST Corner Bead (as per specification)
9 - Alumasc Sealing tape & Alumasc Low Modulus Silicone Sealant



Notes:-

1. Refer to Alumasc Facades for technical assistance regarding specification.
2. Please be aware that this detail creates a potential cold bridge.

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E-mail: info@alumascfacades.com

Drawing title:
Silkolitt Pro EWI System
Party Wall Stop Render Detail

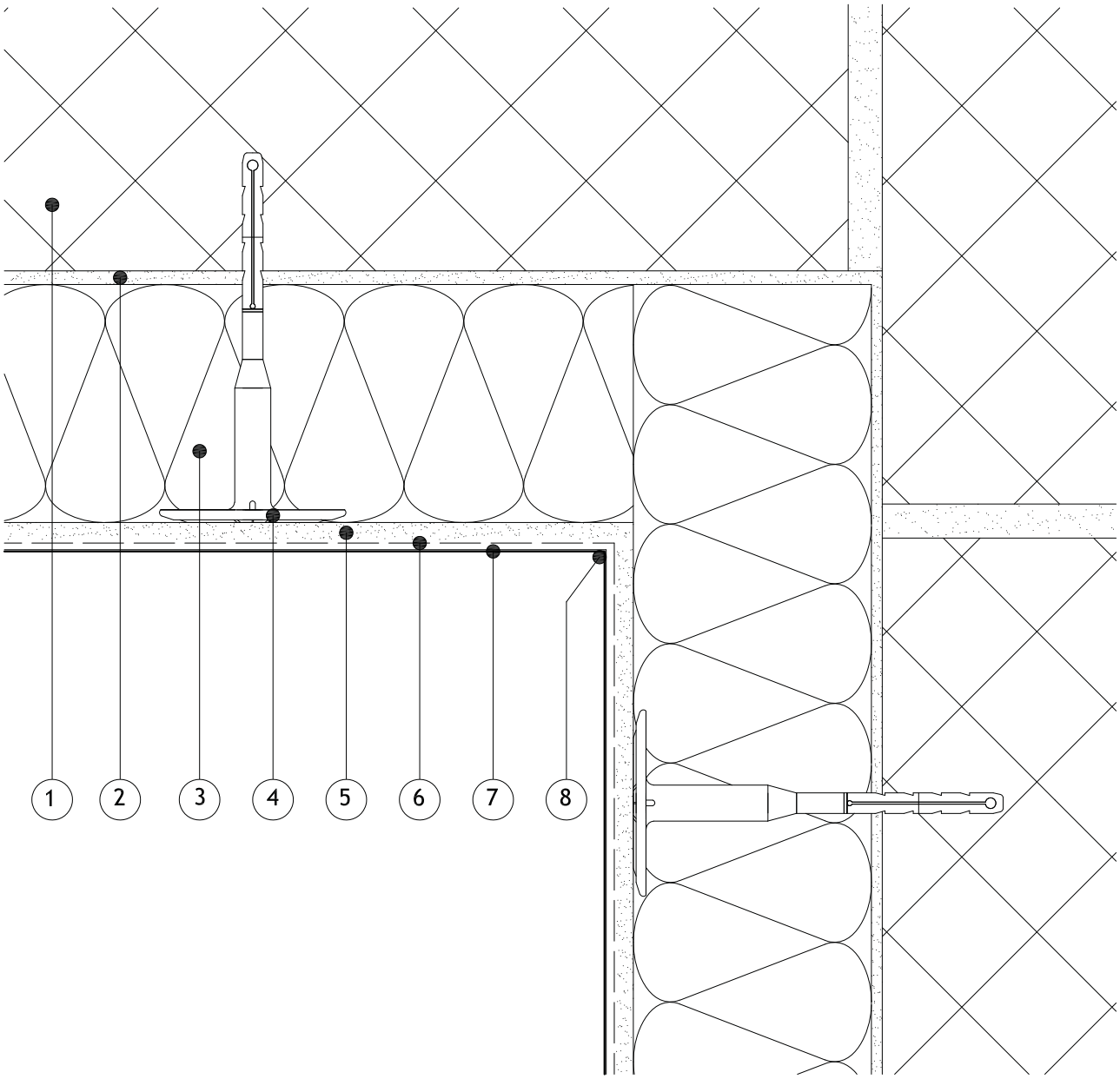
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-402	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Masonry Structure
2 - M.R. Bedding Adhesive (if required, please refer to specification)
3 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
4 - Alumasc Approved Mechanical fixing (as per specification)
5 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
6 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
7 - Alumasc Silicone Primer & Silkolitt
8 - Alumasc Low Modulus Silicone Sealant applied prior to Silkolitt render



Notes:-

1. Refer to Alumasc Facades for technical assistance regarding specification.

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Drawing title:
Silkolitt Pro EWI System
Internal Corner Detail

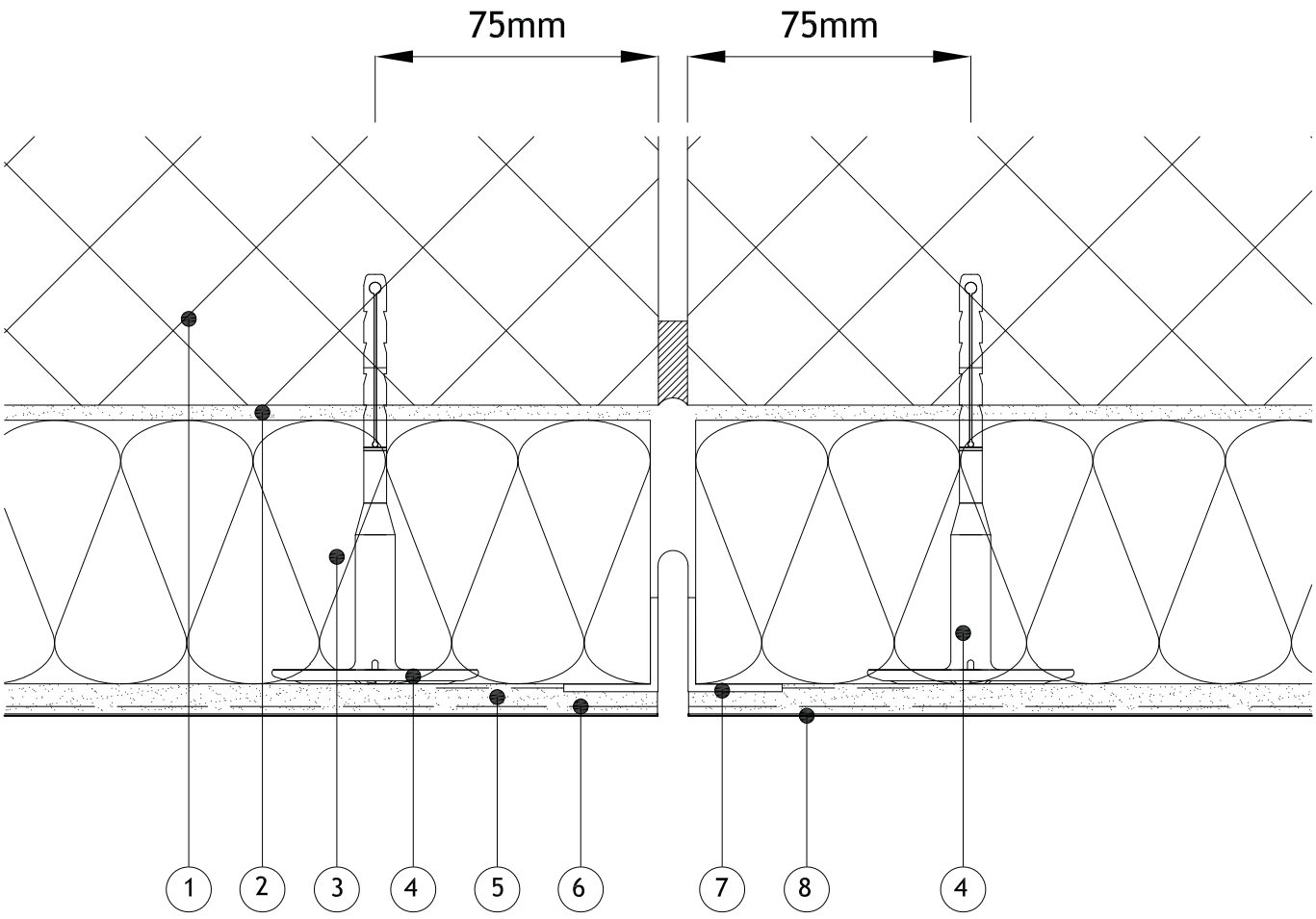
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-403	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Masonry Structure
2 - M.R. Bedding Adhesive (if required, please refer to specification)
3 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
4 - Alumasc Approved Mechanical fixing (as per specification)
5 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
6 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
7 - Alumasc Movement profile (Ref: MR8575) bedded into Alumasc Base Coat
8 - Alumasc Silicone Primer & Silkolitt



Notes:-

1. Refer to Alumasc Facades for technical assistance regarding specification.

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E-mail: info@alumascfacades.com

Drawing title:
Silkolitt Pro EWI System
Vertical Movement Joint Detail

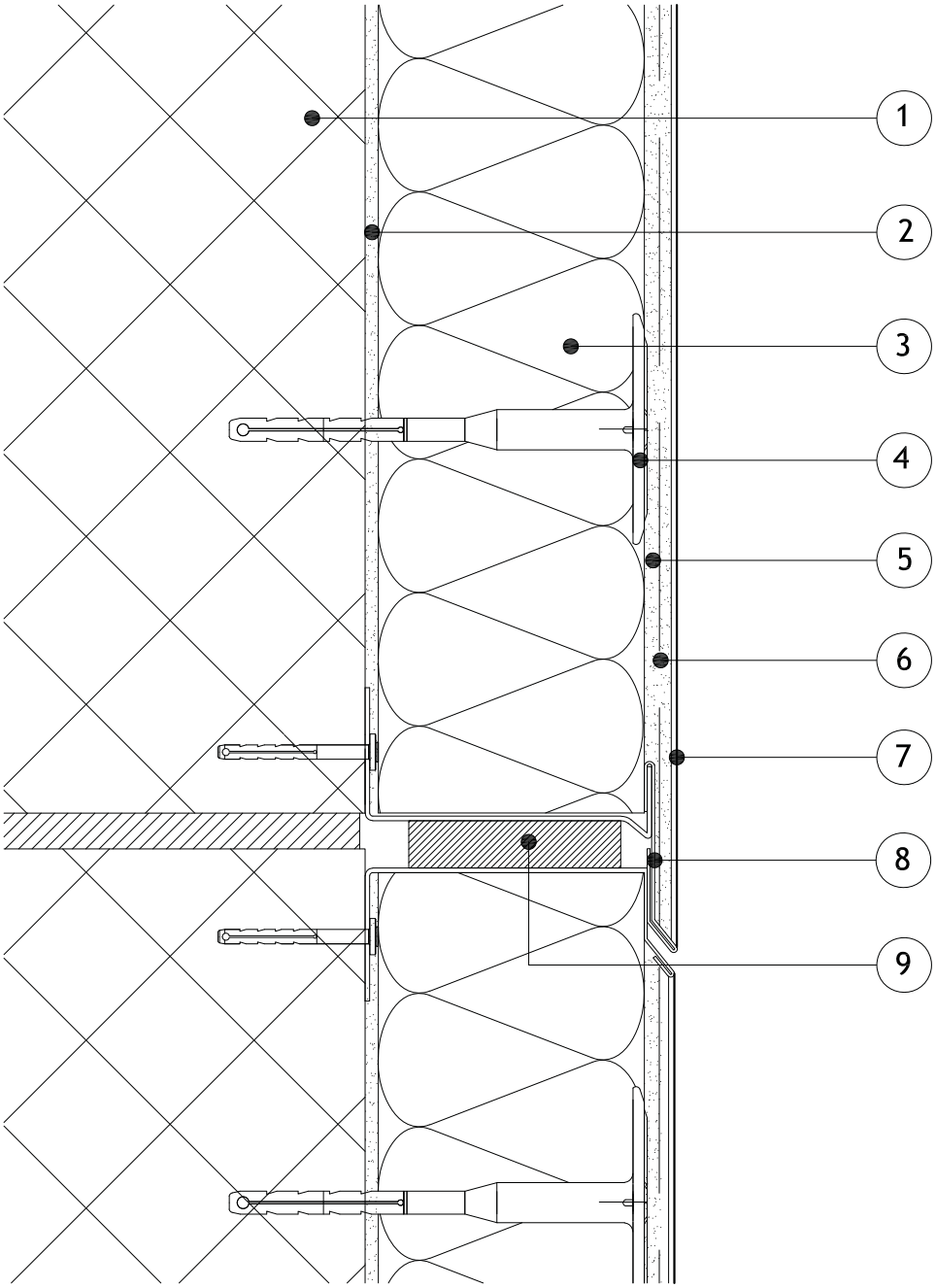
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-500	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Masonry Structure
2 - M.R. Bedding Adhesive (if required, please refer to specification)
3 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
4 - Alumasc Approved Mechanical fixing (as per specification)
5 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
6 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
7 - Alumasc Silicone Primer & Silkolitt
8 - Alumasc Starter Track with 9181 & 9182FS Movement Bead (as per specification)
9 - Alumasc Sealing tape



Notes:-

1. Refer to Alumasc Facades for technical assistance regarding specification.

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E-mail: info@alumascfacades.com

Drawing title:
Silkolitt Pro EWI System
Horizontal Full System Movement Detail

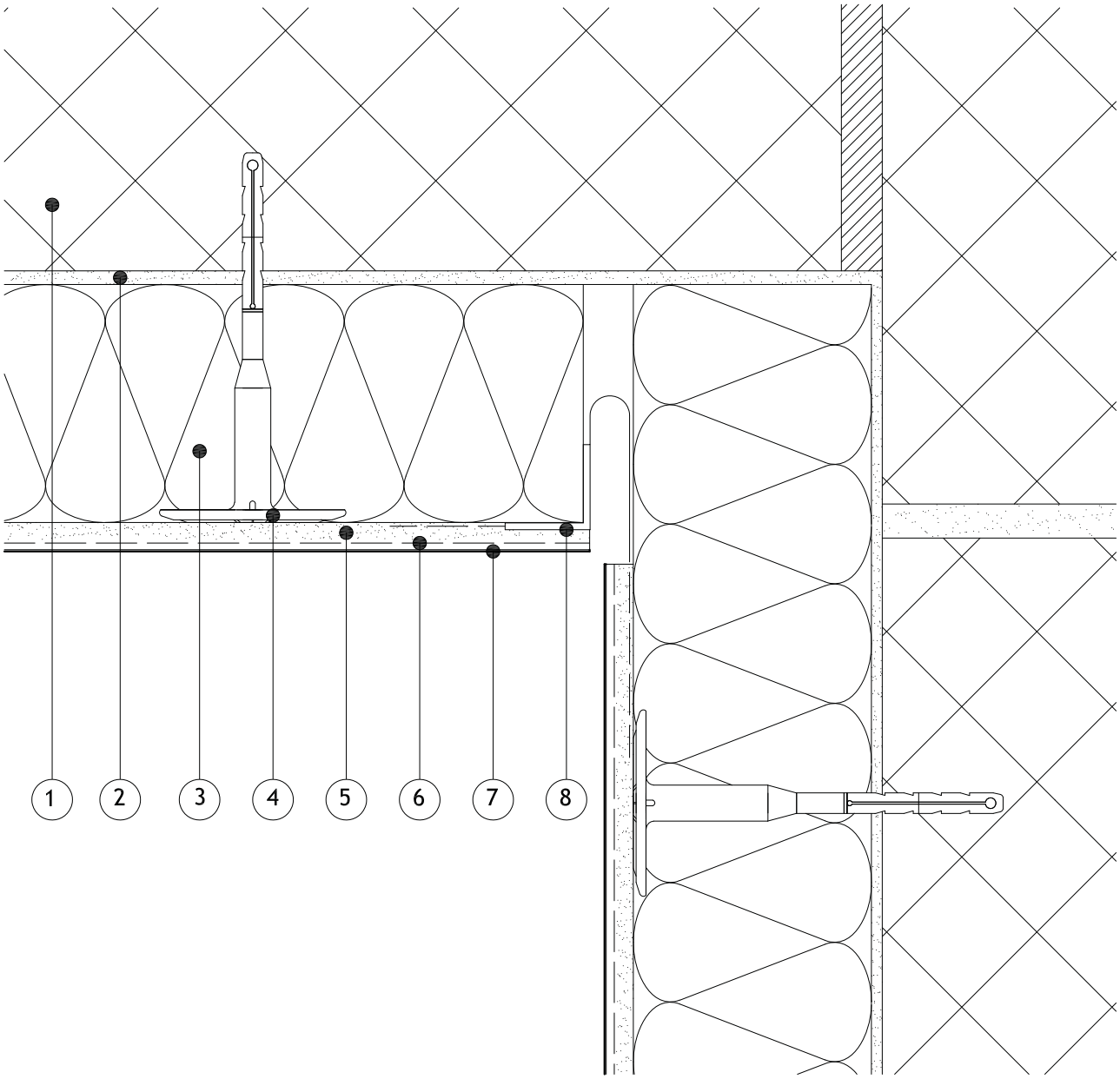
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-501	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Masonry Structure
2 - M.R. Bedding Adhesive (if required, please refer to specification)
3 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
4 - Alumasc Approved Mechanical fixing (as per specification)
5 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
6 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
7 - Alumasc Silicone Primer & Silkolitt
8 - Alumasc Internal Corner Movement profile (Ref: MR8576) bedded into Alumasc Base Coat



Notes:-

1. Refer to Alumasc Facades for technical assistance regarding specification.

ALUMASC FACADES

ALUMASC EXTERIOR BUILDING PRODUCTS LTD
White House Works, Bold Road, Sutton
St Helens, Merseyside, WA9 4JG, UK
Telephone: +44 (0)1744 648400
Facsimile: +44 (0)1744 648401
Website: www.alumascfacades.com
E-mail: info@alumascfacades.com

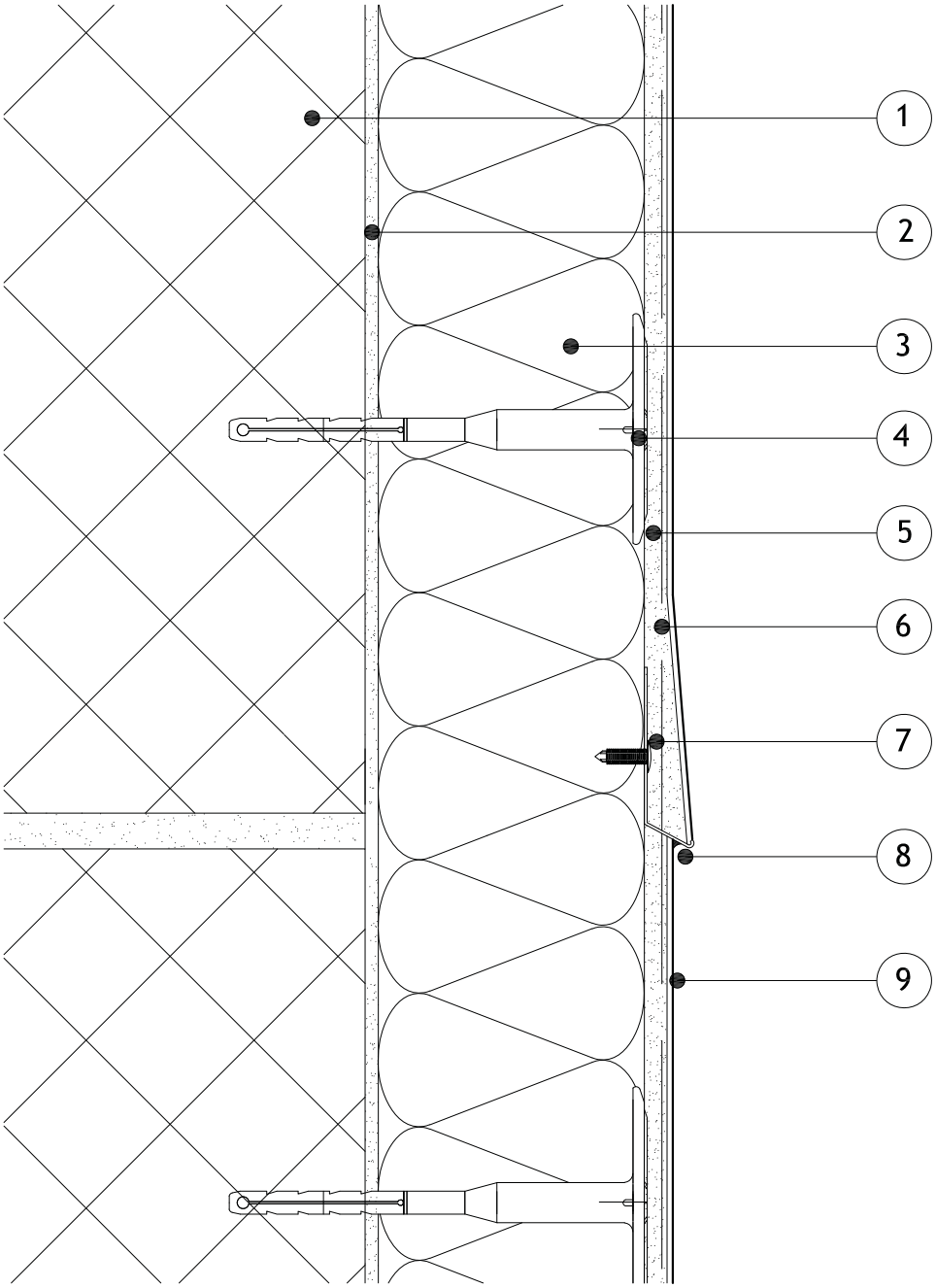
Drawing title:
Silkolitt Pro EWI System
Internal Corner Full System Movement Detail
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-502	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Masonry Structure
2 - M.R. Bedding Adhesive (if required, please refer to specification)
3 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
4 - Alumasc Approved Mechanical fixing (as per specification)
5 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
6 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
7 - Alumasc Surface Bellcast Bead (as per specification) fixed @ 300mm centres with Alumasc Fir Tree fixings
8 - Alumasc Low Modulus Silicone Sealant
9 - Alumasc Silicone Primer & Silkolitt



Notes:-

1. Refer to Alumasc Facades for technical assistance regarding specification.

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Website: www.alumascfacades.com
E-mail: info@alumascfacades.com

Drawing title:
Silkolitt Pro EWI System
Horizontal Surface Expansion Detail

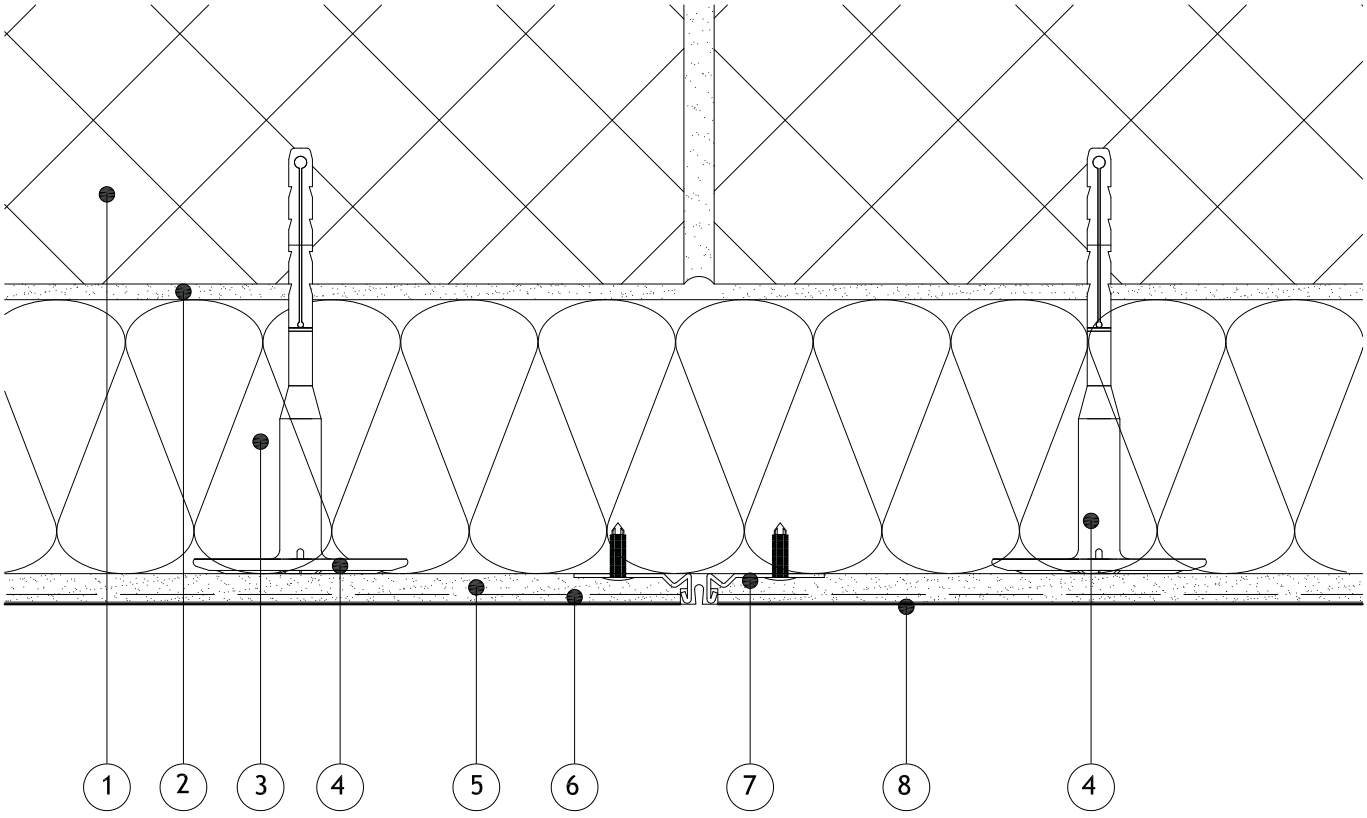
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-600	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Masonry Structure
2 - M.R. Bedding Adhesive (if required, please refer to specification)
3 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
4 - Alumasc Approved Mechanical fixing (as per specification)
5 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
6 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
7 - Alumasc Expansion profile fixed with Fir Tree Fixings at 300mm centres
8 - Alumasc Silicone Primer & Silkolitt



Notes:-

1. Refer to Alumasc Facades for technical assistance regarding specification.

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E-mail: info@alumascfacades.com

Drawing title:
Silkolitt Pro EWI System
Vertical Surface Expansion Detail

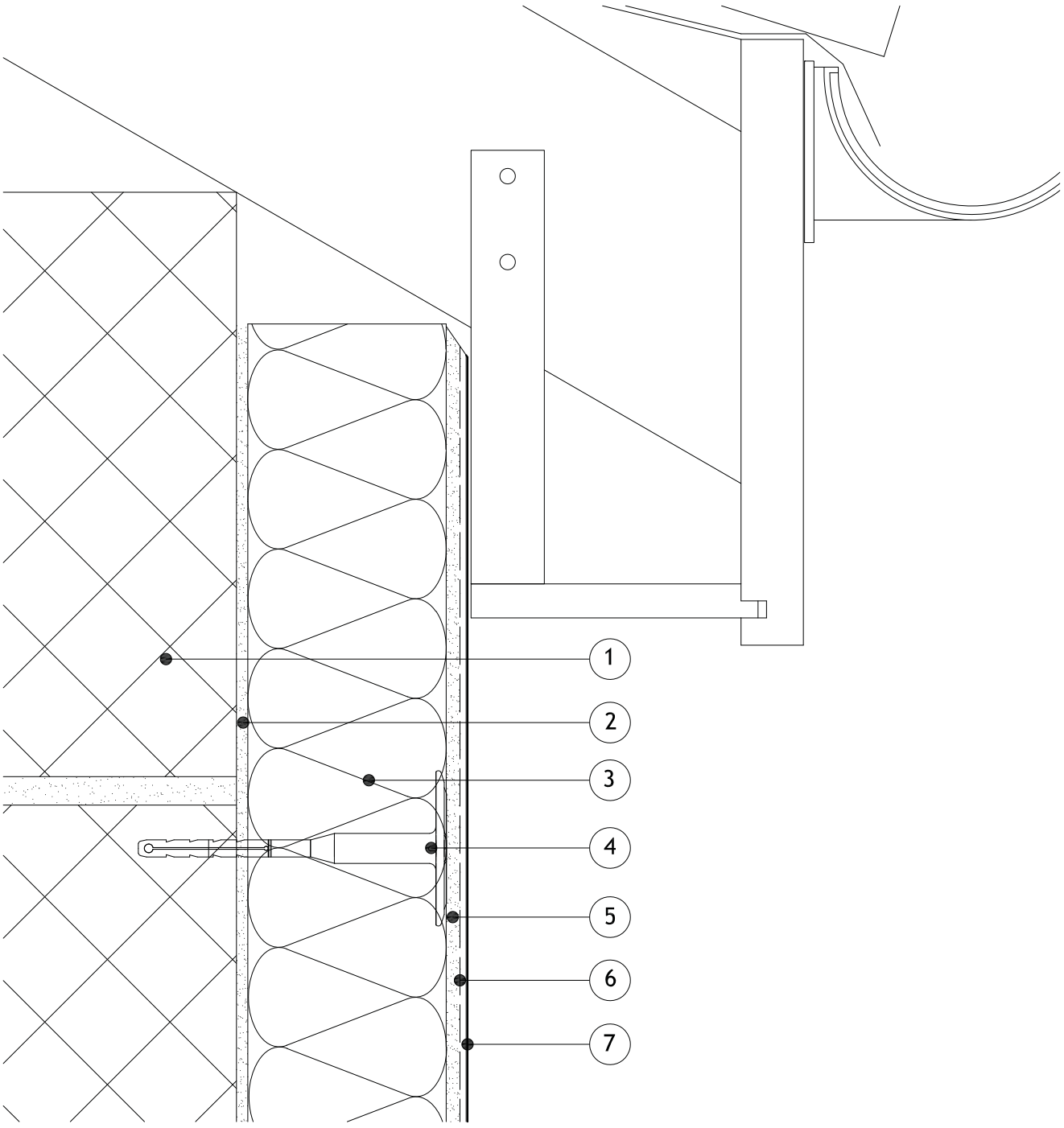
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-601	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Masonry Structure
2 - M.R. Bedding Adhesive (if required, please refer to specification)
3 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
4 - Alumasc Approved Mechanical fixing (as per specification)
5 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
6 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
7 - Alumasc Silicone Primer & Silkolitt



Notes:-

1. Refer to Alumasc Facades for technical assistance regarding specification.

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Drawing title:
Silkolitt Pro EWI System
Eaves Detail

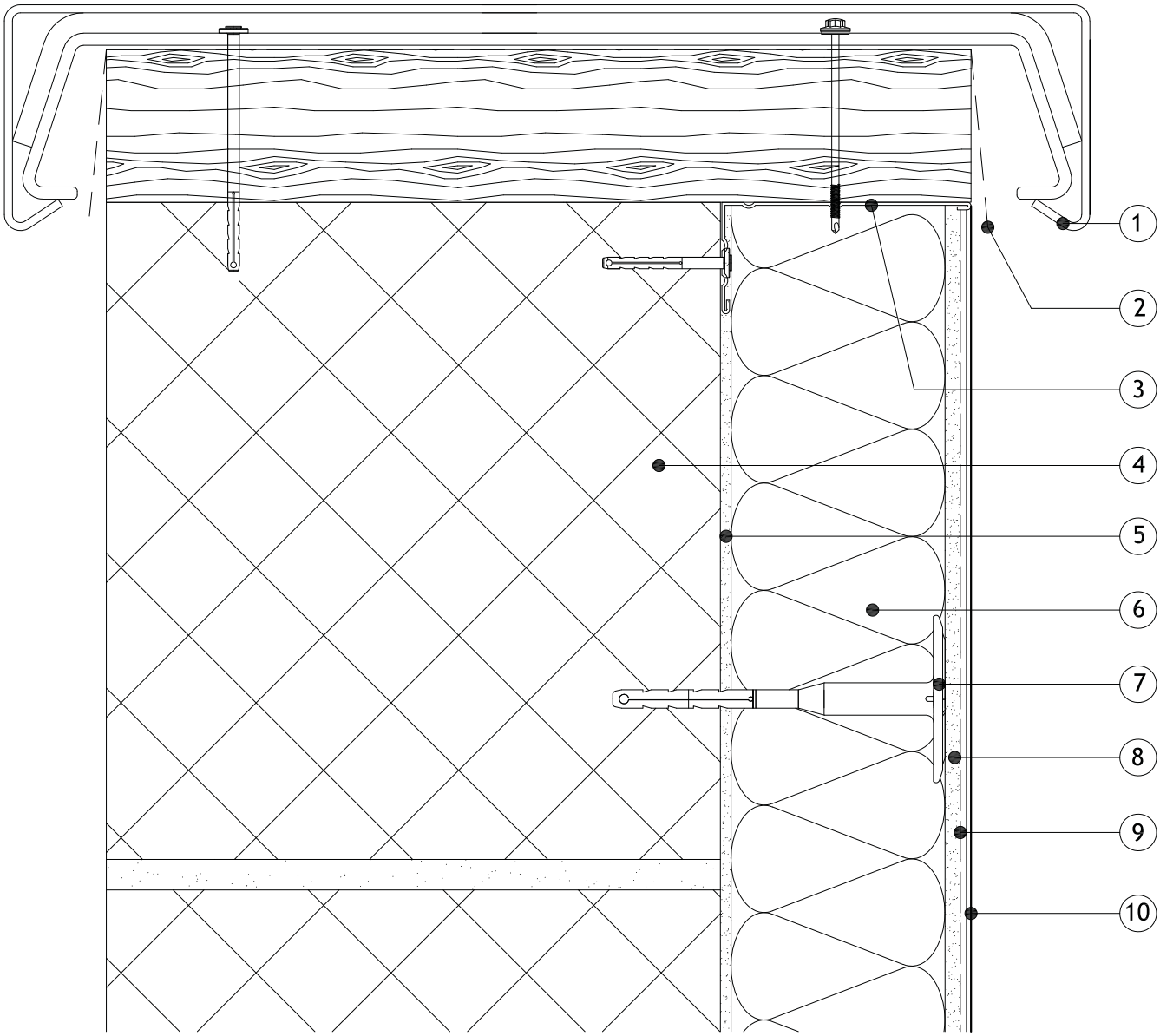
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-700	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Skyline coping system
2 - DPC (installed by others)
3 - Alumasc System Stop Bead (as per specification)
4 - Masonry Structure
5 - M.R. Bedding Adhesive (if required, please refer to specification)
6 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
7 - Alumasc Approved Mechanical fixing (as per specification)
8 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
9 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
10- Alumasc Silicone Primer & Silkolitt



Notes:-

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E-mail: info@alumascfacades.com

Drawing title:
Silkolitt Pro EWI System
Parapet Detail

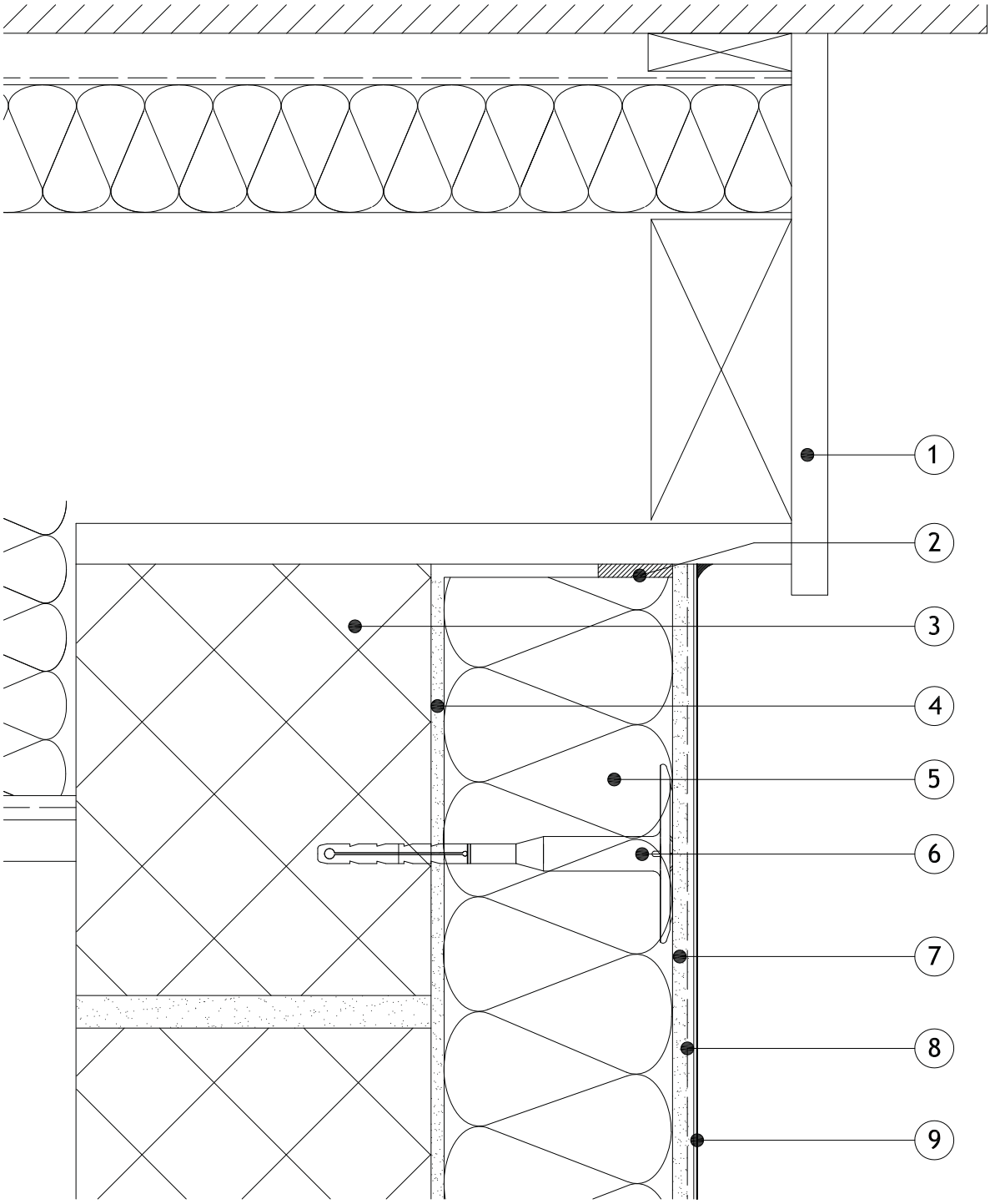
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-701	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Roof detail
2 - Alumasc Low Modulus Silicone Sealant & Alumasc Sealing tape
3 - Masonry Structure
4 - M.R. Bedding Adhesive (if required, please refer to specification)
5 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
6 - Alumasc Approved Mechanical fixing (as per specification)
7 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
8 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
9 - Alumasc Silicone Primer & Silkolitt



Notes:-

1. Refer to Alumasc Facades for technical assistance regarding specification.

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Drawing title:
Silkolitt Pro EWI System
Extended/Overhanging Verge Detail

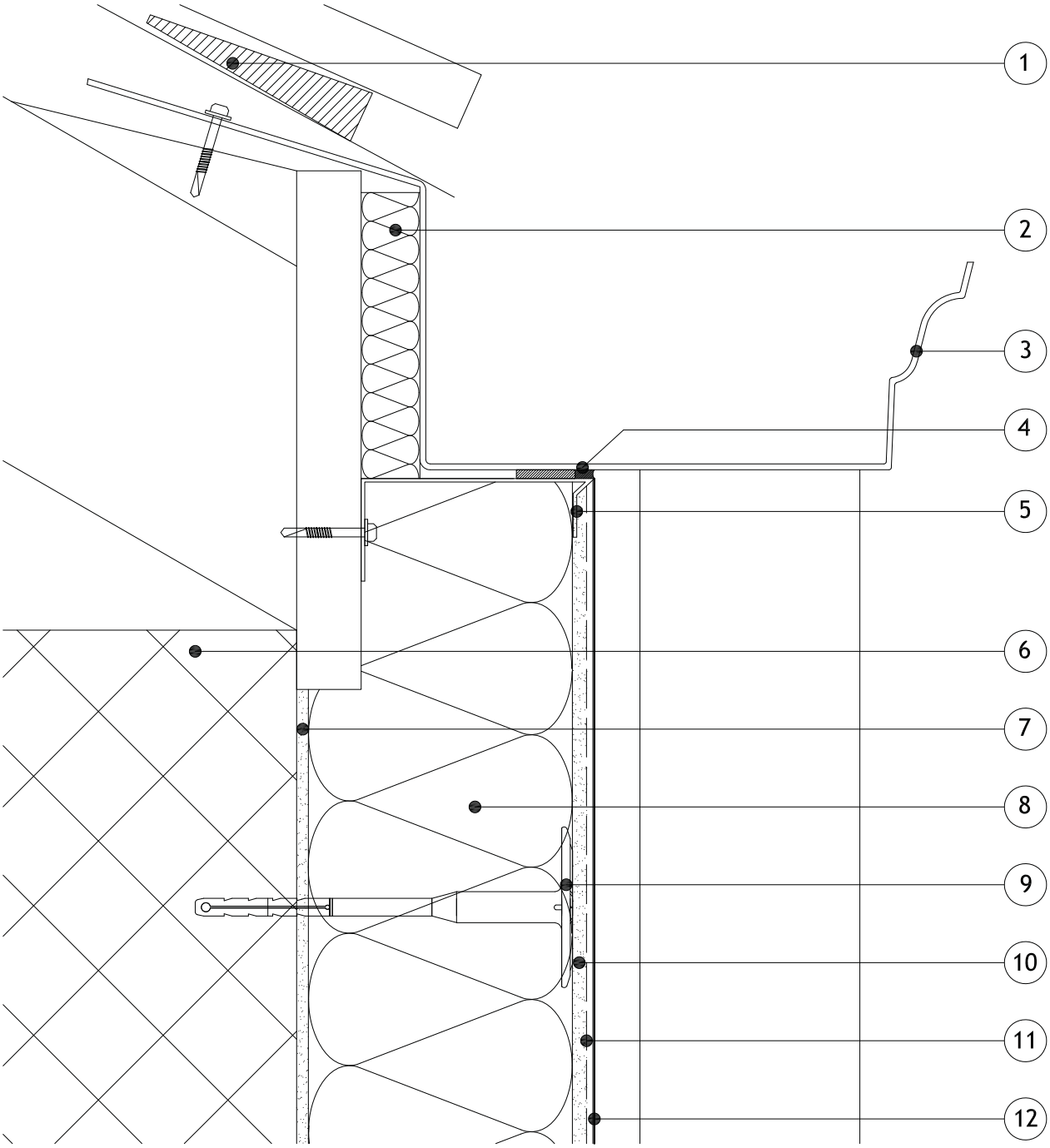
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-702	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Smart Vent required if roof is to be ventilated (see manufacturers instructions)
2 - 20mm Insulation behind gutter to aid cold bridging
3 - Alumasc Moulded Ogee Gutter
4 - Alumasc Sealing Tape with Low Modulus Silicone Sealant (as per specification)
5 - Alumasc Inverted Stop Bead (as per specification)
6 - Masonry Structure
7 - M.R. Bedding Adhesive (if required, please refer to specification)
8 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
9 - Alumasc Approved Mechanical fixing (as per specification)
10 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
11 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
12 - Alumasc Silicone Primer & Silkolitt



Notes:-

1. Refer to Alumasc Facades for technical assistance regarding specification.

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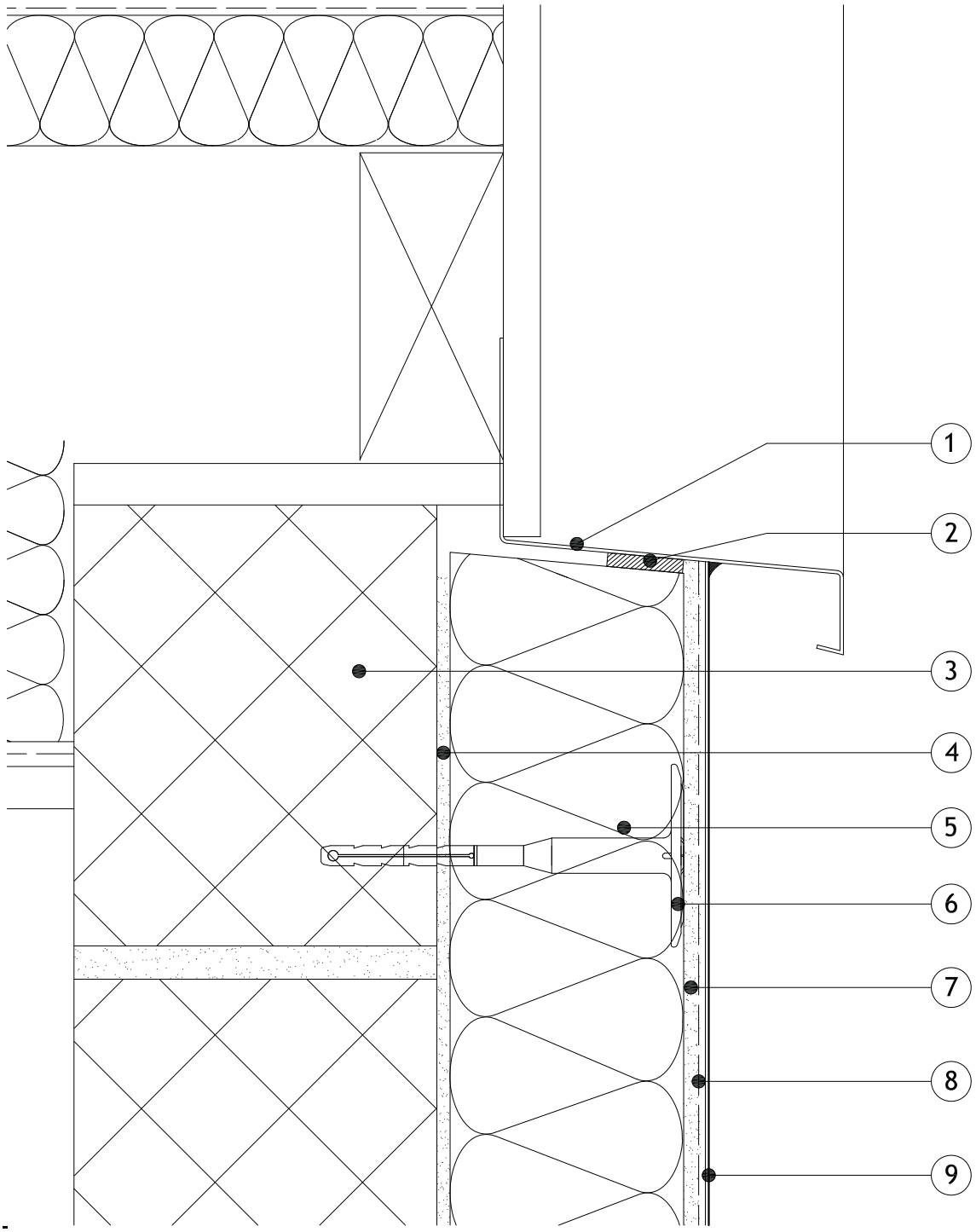
Drawing title:
Silkolitt Pro EWI System
EWI Gutter Detail
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-703	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Alumasc Verge Trim with upstand back leg (as per specification)
2 - Alumasc Low Modulus Silicone Sealant & Alumasc Sealing tape
3 - Masonry Structure
4 - M.R. Bedding Adhesive (if required, please refer to specification)
5 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
6 - Alumasc Approved Mechanical fixing (as per specification)
7 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
8 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
9 - Alumasc Silicone Primer & Silkolitt



Notes:-

1. Refer to Alumasc Facades for technical assistance regarding specification.
2. Please be aware that this detail creates a potential cold bridge. Refer to detail S-PRO-M-702 for best practice.

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Drawing title:
Silkolitt Pro EWI System
Verge Trim Detail

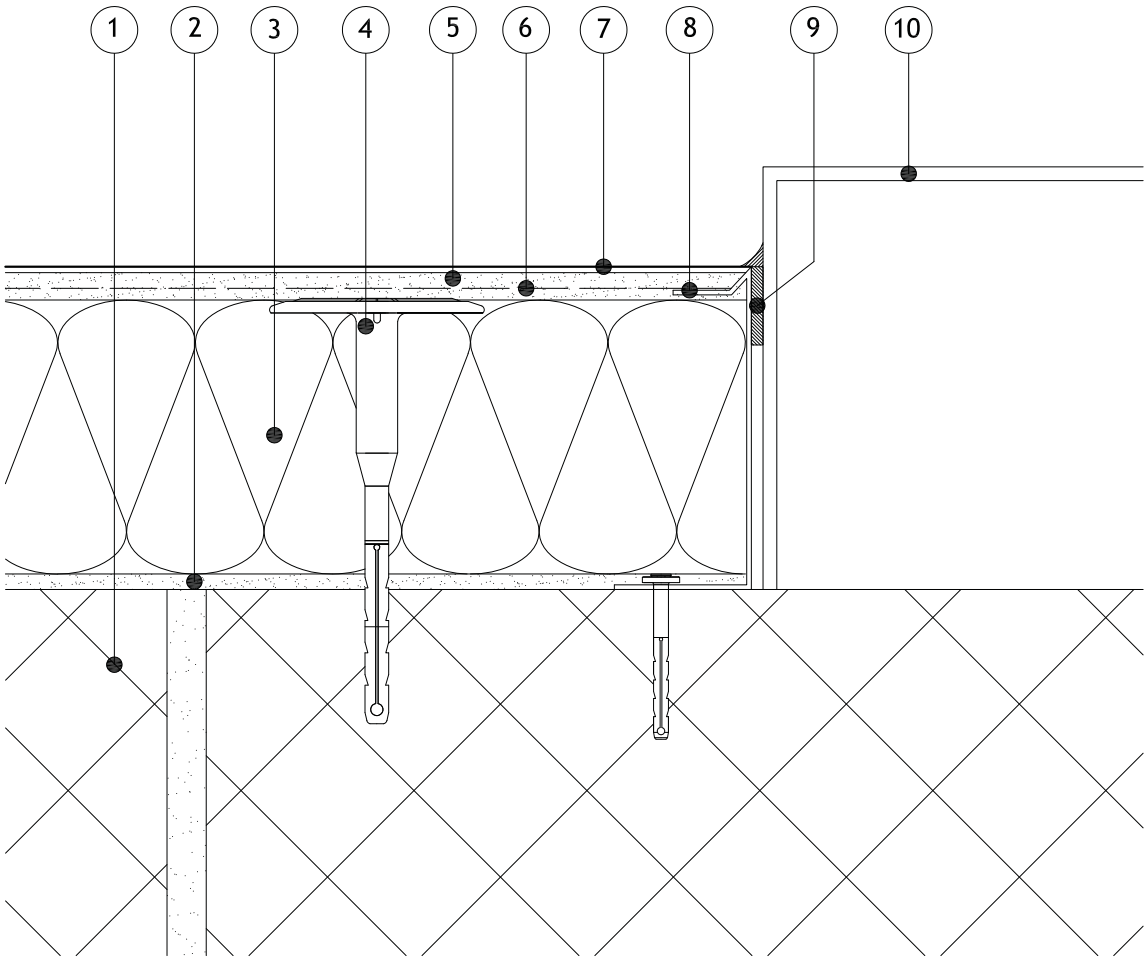
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-704	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Masonry Structure
2 - M.R. Bedding Adhesive (if required, please refer to specification)
3 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
4 - Alumasc Approved Mechanical fixing (as per specification)
5 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
6 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
7 - Alumasc Silicone Primer & Silkolitt
8 - Alumasc System Stop Bead (as per specification)
9 - Alumasc Sealing tape & Alumasc Low Modulus Silicone Sealant
10- Gas Box/Abutment



Notes:-

1. Refer to Alumasc Facades for technical assistance regarding specification.
2. Please be aware that this detail creates a potential cold bridge. Refer to detail S-PRO-M-804 for best practice.

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Drawing title:
Silkolitt Pro EWI System
Abutment Detail

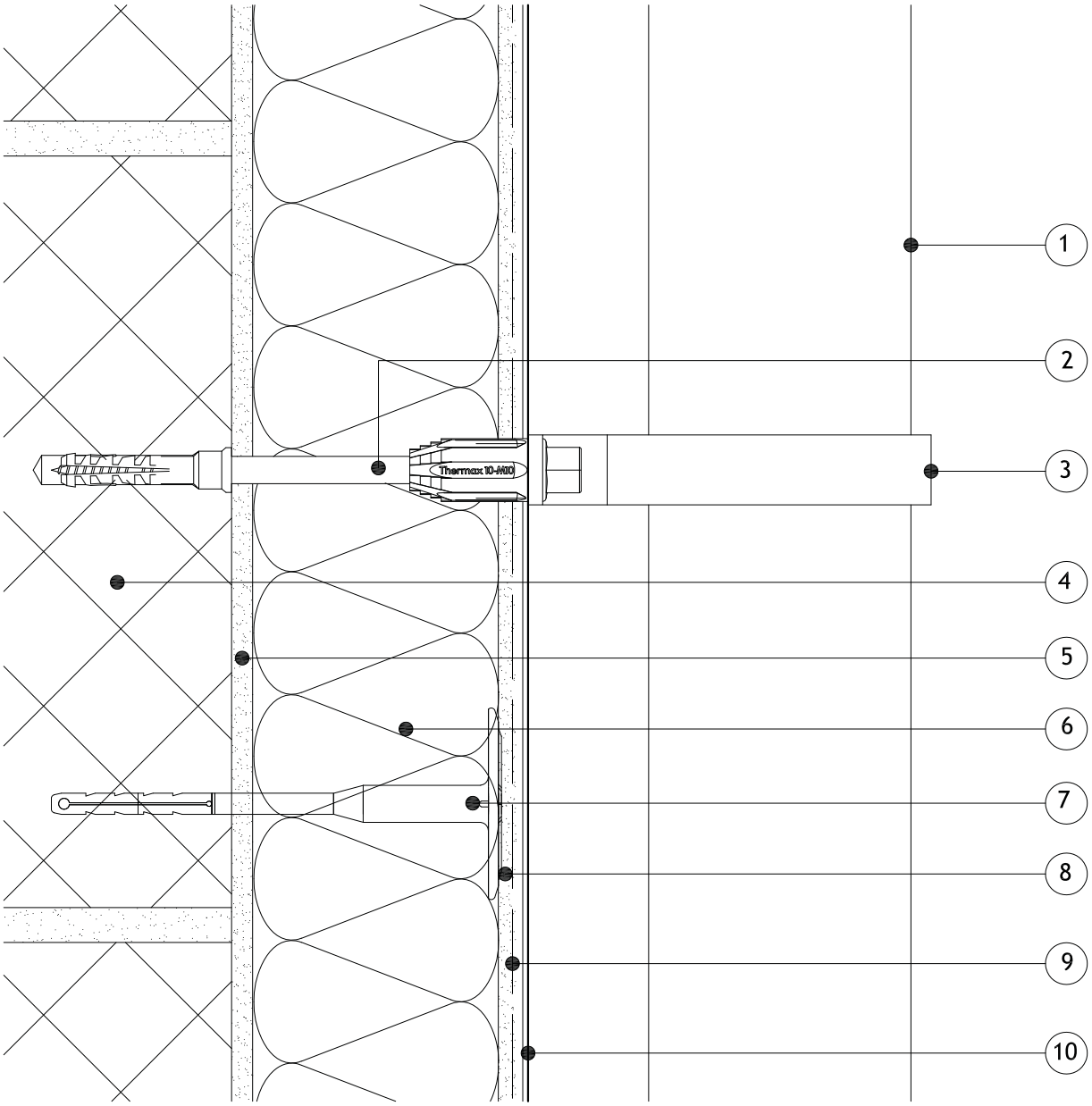
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-800	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - External attachment (rainwater goods/satellite dish)
2 - Approved mechanical fixing (as per specification)
3 - Connecting bracket
4 - Masonry Structure
5 - M.R. Bedding Adhesive (if required, please refer to specification)
6 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
7 - Alumasc Approved Mechanical fixing (as per specification)
8 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
9 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
10 - Alumasc Silicone Primer & Silkolitt



Notes:-

1. Refer to Alumasc Facades for technical assistance regarding specification.

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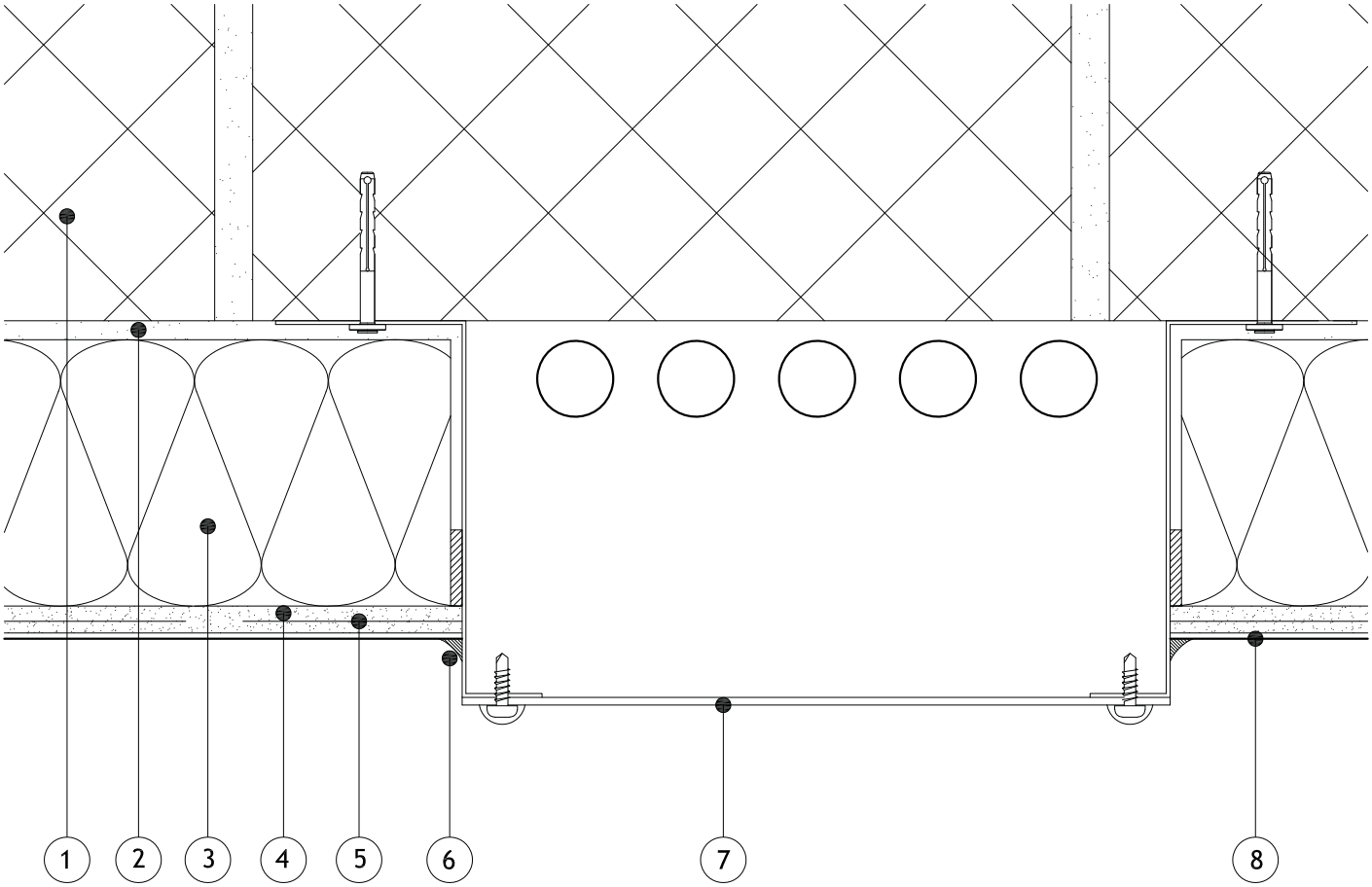
Drawing title:
Silkolitt Pro EWI System
External Attachment Fixing Detail
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-801	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Masonry Structure
2 - M.R. Bedding Adhesive (if required, please refer to specification)
3 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
4 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
5 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
6 - Alumasc Low Modulus Silicone Sealant & Alumasc Sealing tape
7 - Ducting
8 - Alumasc Silicone Primer & Silkolitt



Notes:-

1. Refer to Alumasc Facades for technical assistance regarding specification.
2. Please be aware that this detail creates a potential cold bridge.

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Drawing title:
Silkolitt Pro EWI System
Trunking Detail

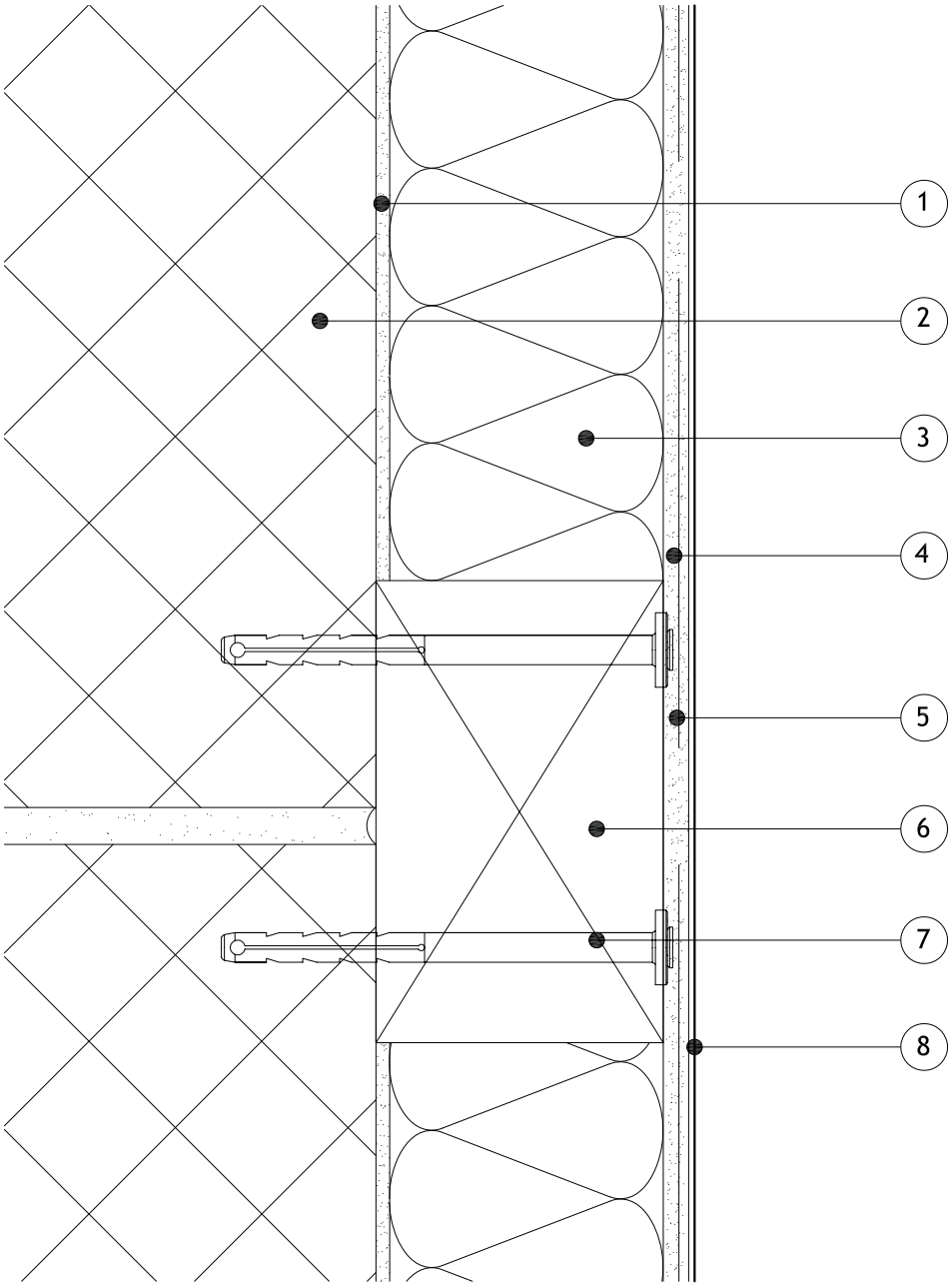
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-802	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Masonry Structure
2 - M.R. Bedding Adhesive (if required, please refer to specification)
3 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
4 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
5 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
6 - Timber Patress
7 - Alumasc Silicone Primer & Silkolitt



Notes:-

1. Refer to Alumasc Facades for technical assistance regarding specification.

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Drawing title:
Silkolitt Pro EWI System
Patress Detail

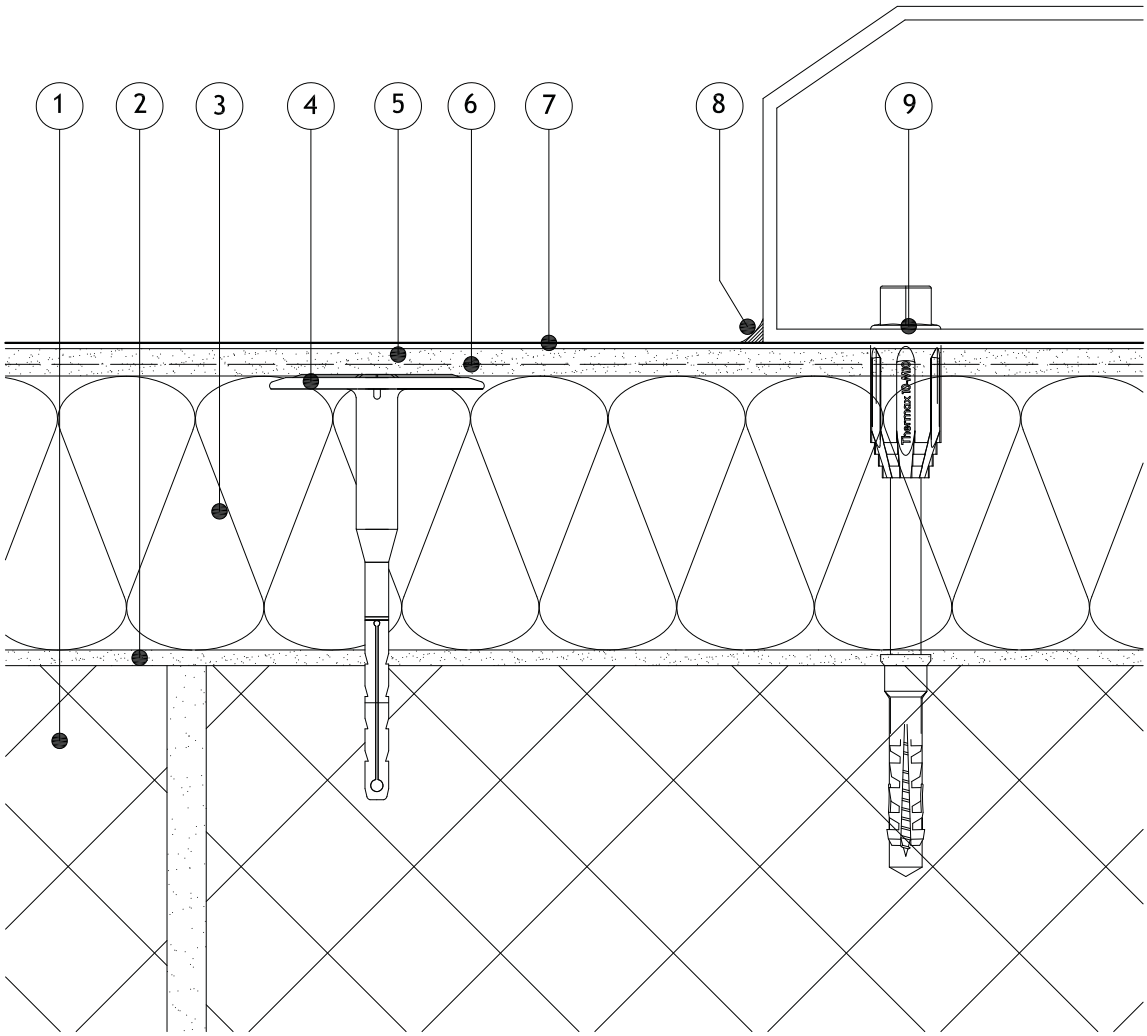
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-803	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Masonry Structure
2 - M.R. Bedding Adhesive (if required, please refer to specification)
3 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
4 - Alumasc Approved Mechanical fixing (as per specification)
5 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
6 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
7 - Alumasc Silicone Primer & Silkolitt
8 - Alumasc Low Modulus Silicone Sealant
9 - Gas Box/Abutment surface mounted and mechanically fixed (as per specification)



Notes:-

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E-mail: info@alumascfacades.com

Drawing title:
Silkolitt Pro EWI System
Service Box Mounted Detail

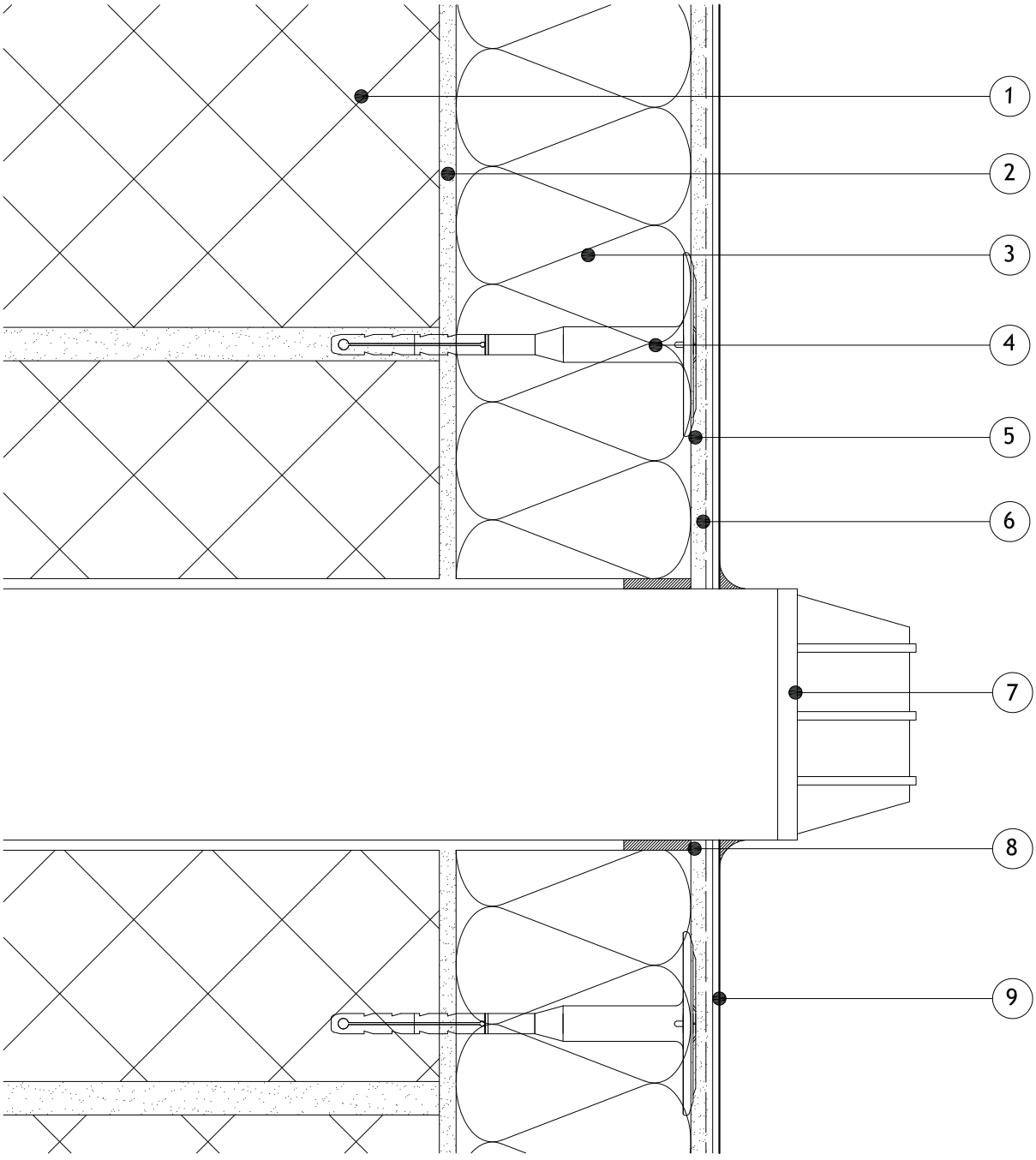
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-804	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Masonry Structure
2 - M.R. Bedding Adhesive (if required, please refer to specification)
3 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
4 - Alumasc Approved Mechanical fixing (as per specification)
5 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
6 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
7 - Pipe penetration
8 - Alumasc Sealing tape & Alumasc Low Modulus Silicone Sealant
9 - Alumasc Silicone Primer & Silkolitt



Notes:-

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E-mail: info@alumascfacades.com

Drawing title:
Silkolitt Pro EWI System
Pipe/Service Penetration Detail

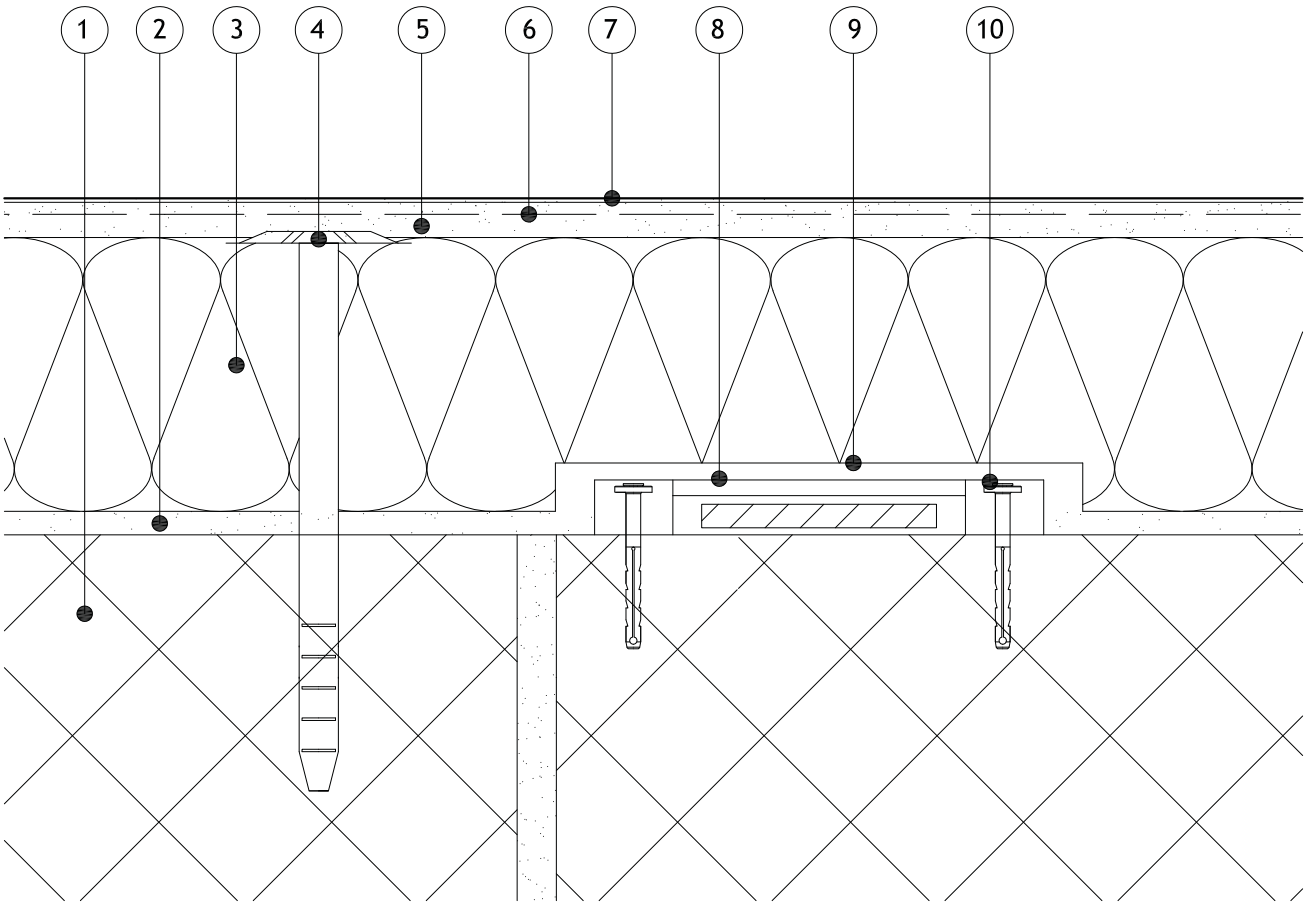
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-805	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Masonry Structure
2 - M.R. Bedding Adhesive (if required, please refer to specification)
3 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
4 - Alumasc Approved Mechanical fixing (as per specification)
5 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
6 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
7 - Alumasc Silicone Primer & Silkolitt
8 - Lightening Conductor mechanically fixed back to the substrate
9 - Insulation board notched out with a 10mm gap around conductor and brick-bonded over lightening conductor min. 200mm
10 - Approved mechanical fixing (as per specification)



Notes:-

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Drawing title:
Silkolitt Pro EWI System
Lightening Conductor Detail

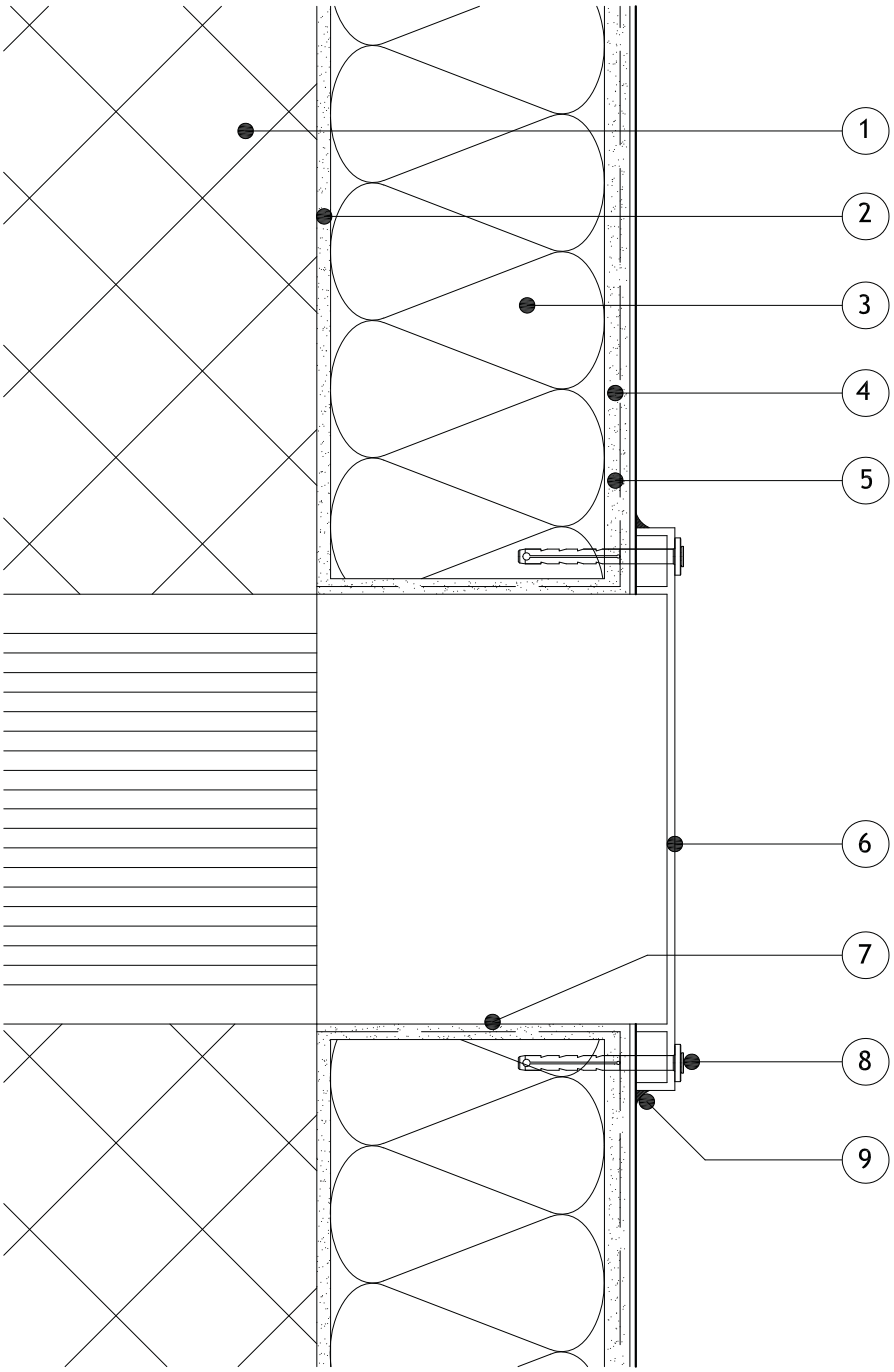
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-806	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Masonry Structure
2 - M.R. Bedding Adhesive (if required, please refer to specification)
3 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
4 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
5 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
6 - Air Vent positioned over existing bedded onto Alumasc Low Modulus Silicone Sealant and fixed through the system
7 - Alumasc Base Coat and Scrim Reinforcement returned into the reveals of the air vent
8 - Approved mechanical fixing (as per specification)
9 - Alumasc Low Modulus Silicone Sealant



Notes:-

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E-mail: info@alumascfacades.com

Drawing title:
Silkolitt Pro EWI System
Vent Detail

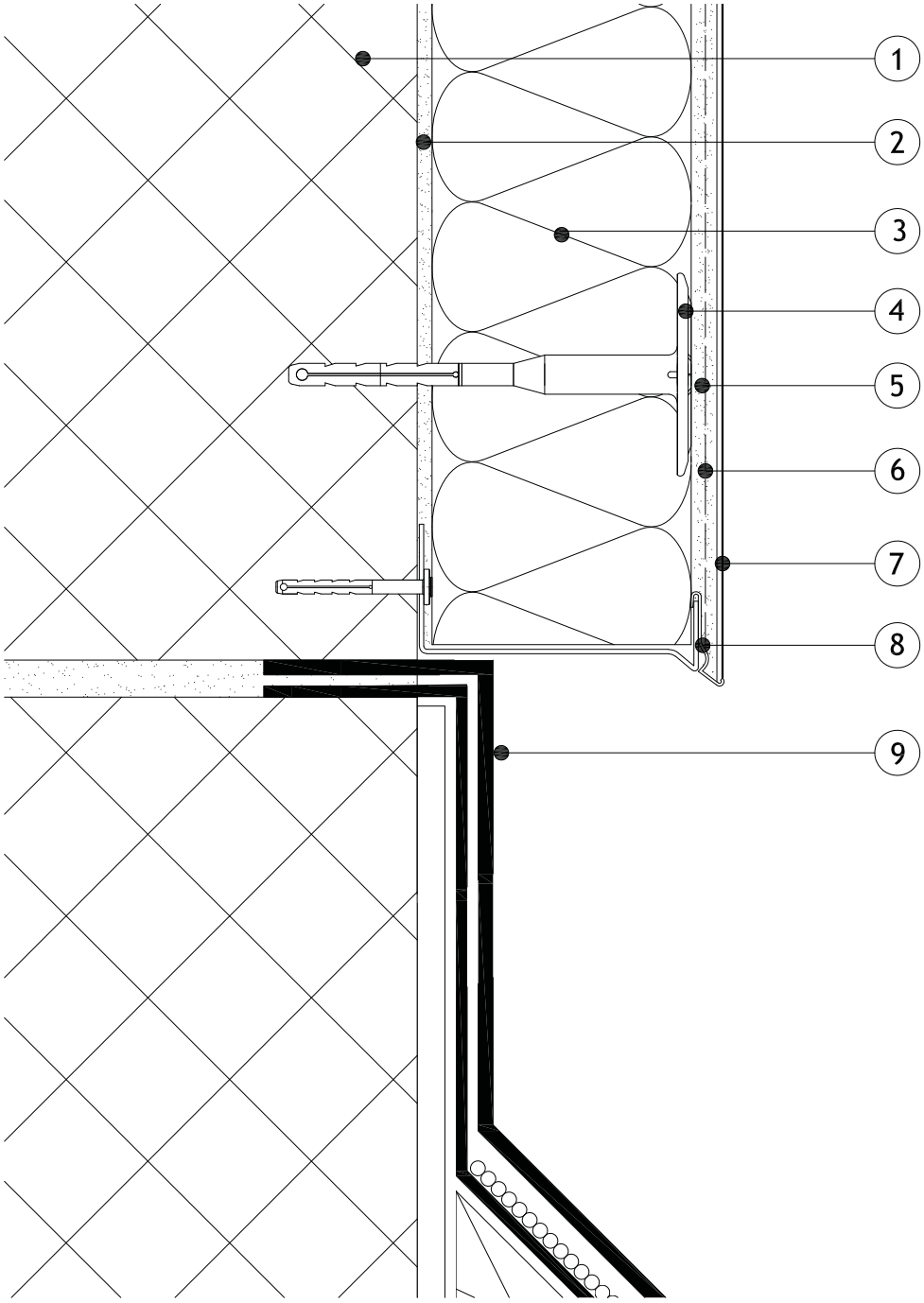
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-807	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Masonry Structure
2 - M.R. Bedding Adhesive (if required, please refer to specification)
3 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
4 - Alumasc Approved Mechanical fixing (as per specification)
5 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
6 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
7 - Alumasc Silicone Primer & Silkolitt
8 - Alumasc Base Track with Base Track Clip (as per specification)
9 - Existing Roof detail



Notes:-

1. Refer to Alumasc Facades for technical assistance regarding specification.
2. Please be aware that this detail creates a potential cold bridge. Refer to detail S-PRO-M-809 for best practice.

ALUMASC FACADES

ALUMASC EXTERIOR BUILDING PRODUCTS LTD
White House Works, Bold Road, Sutton
St Helens, Merseyside, WA9 4JG, UK
Telephone: +44 (0)1744 648400
Facsimile: +44 (0)1744 648401
Website: www.alumascfacades.com
E-mail: info@alumascfacades.com

Drawing title:
Silkolitt Pro EWI System
Roof Abutment Detail

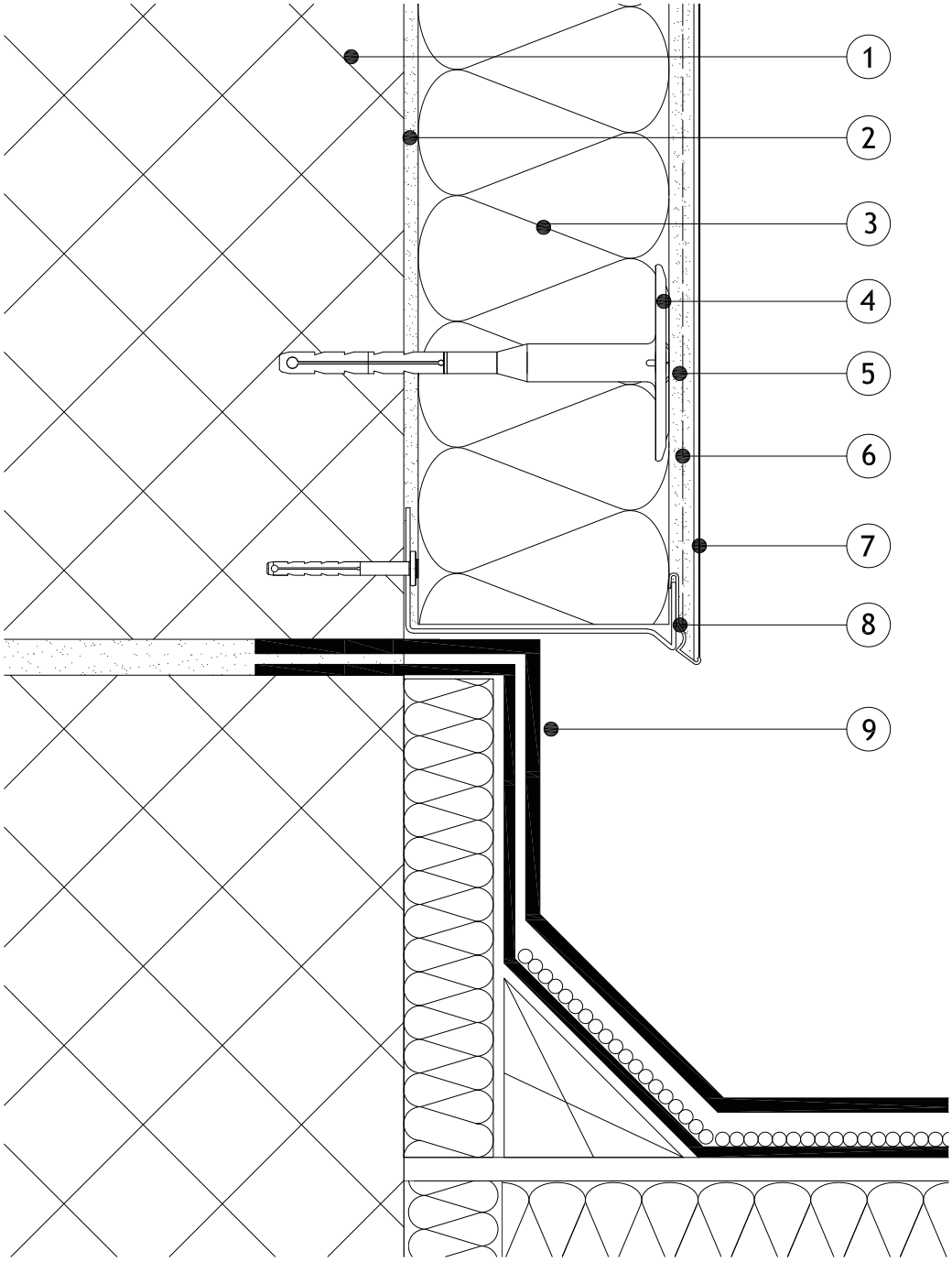
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-808	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Masonry Structure
2 - M.R. Bedding Adhesive (if required, please refer to specification)
3 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
4 - Alumasc Approved Mechanical fixing (as per specification)
5 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
6 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
7 - Alumasc Silicone Primer & Silkolitt
8 - Alumasc Base Track with Base Track Clip (as per specification)
9 - Existing Insulated Roof detail



Notes:-

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Drawing title:
Silkolitt Pro EWI System
Roof Abutment Detail

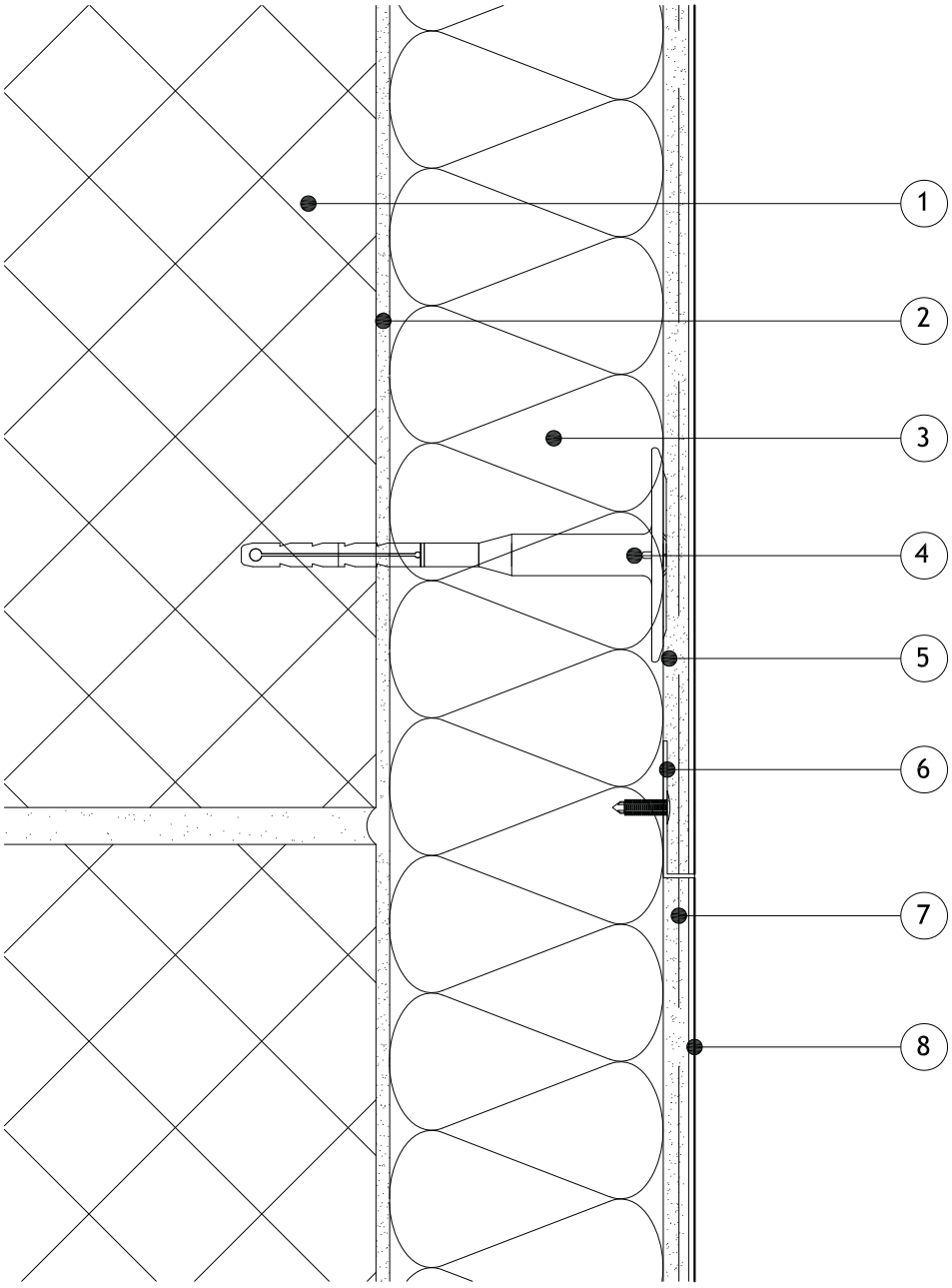
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-809	NTS
Revision:	Date: 01.08.2017

File:	K.Palmer

Items:-

1 - Masonry Structure
2 - M.R. Bedding Adhesive (if required, please refer to specification)
3 - Alumasc Pro Dual Density Mineral Wool Insulation (as per specification)
4 - Alumasc Approved Mechanical fixing (as per specification)
5 - Alumasc Base Coat (ABC) Polymer Modified Reinforcement Render
6 - Alumasc PVC Stop Bead fixed with Fir Tree fixings (as per specification)
7 - Alumasc Scrim Reinforcement bedded into the top third of Alumasc Base Coat
8 - Alumasc Silicone Primer & Silkolitt



Notes:-

1. Refer to Alumasc Facades for technical assistance regarding specification.

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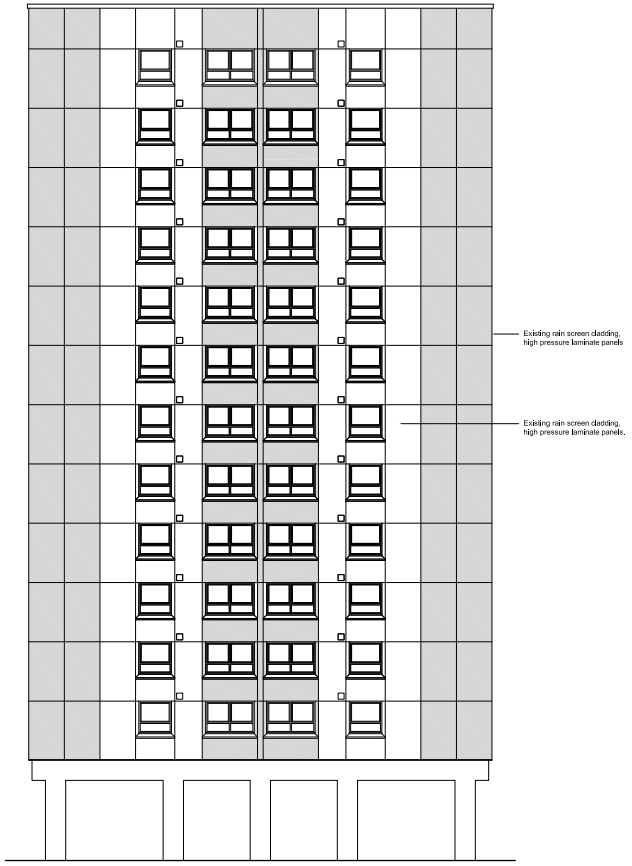
Website: www.alumascfacades.com
E-mail: info@alumascfacades.com

Drawing title:
Silkolitt Pro EWI System
Change in Colour Detail

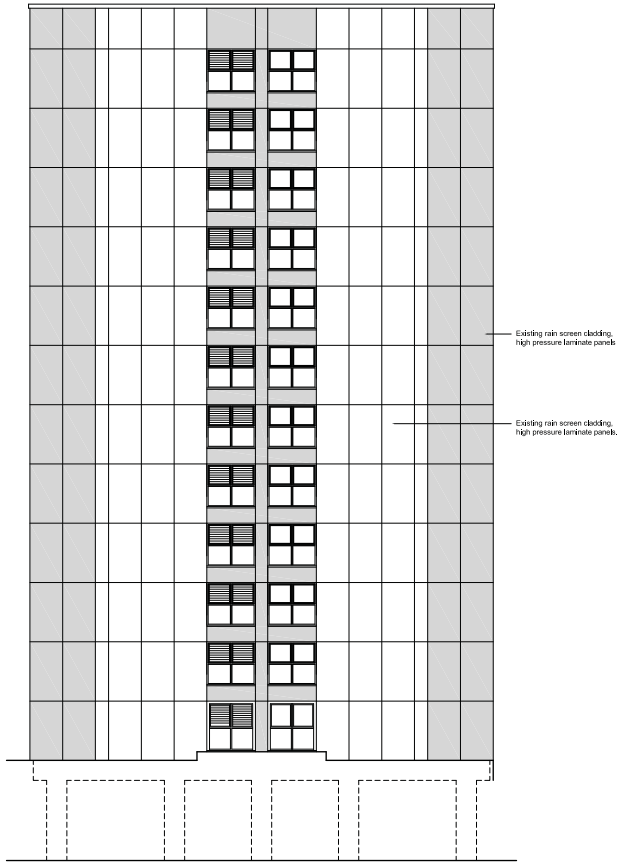
Detail is valid only when approved by the Architect / Contractor concerned

Drawing No:	Scale:
S-PRO-M-900	NTS
Revision:	Date: 01.08.2017



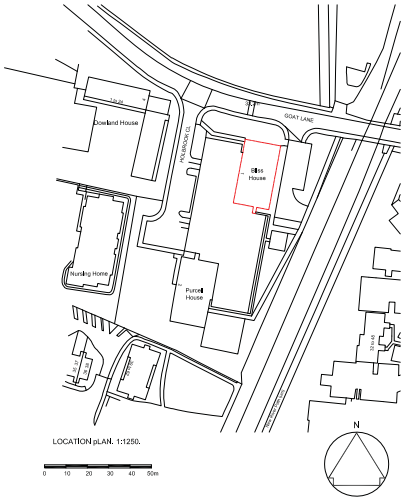
North Elevation. 1:100.

0 1 2 3 4 5m



South (Podium) Elevation. 1:100.

0 1 2 3 4 5m



LOCATION pLAN. 1:1250.

0 10 20 30 40 50m

1. This drawing is not to be scaled.
2. All discrepancies,errors or omissions to be reported prior to work commencing.
3. All dimensions to be checked on site prior to work commencing.
4. All materials,components and workmanship to comply with relevant British Standards,Codes of Practice and appropriate manufacturers recommendations applicable at the time.
5. For specialist works see relevant consultants/suppliers drawings.

Conquest House
Church St. Waltham Abbey
EN9 1DX

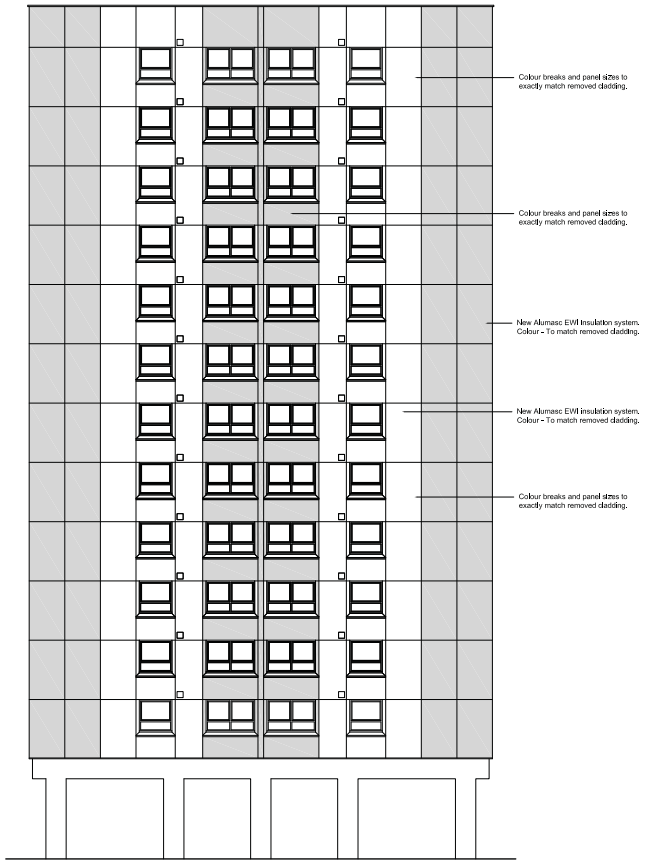
client
ENFIELD COUNCIL
Silver Street, Enfield. EN1 3XA

project
External Refurbishment Works.
1-72 Bliss House, 1 Holbrook Close, Enfield, EN1 4UL

drawing title
EXISTING ELEVATIONS.

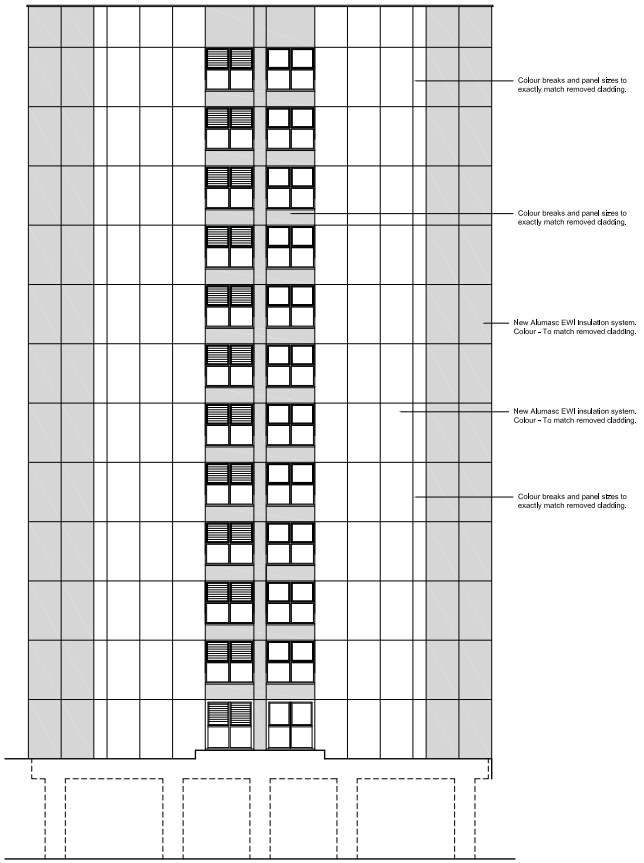
date	scale	dwn
March 2019.	1:100@a1	db

drawing number	sheet no.	rev
EC/BH/002.	1 of 1	-



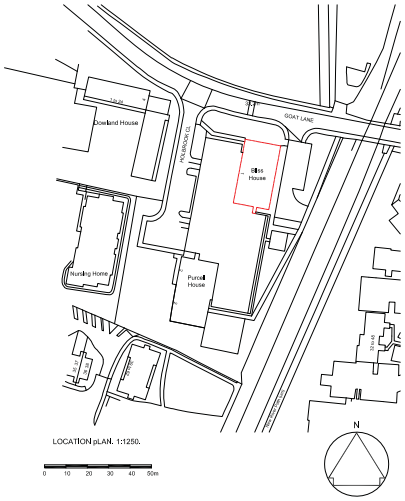
North Elevation. 1:100.

0 1 2 3 4 5m



South (Podium) Elevation. 1:100.

0 1 2 3 4 5m



LOCATION pLAN. 1:1250.

0 10 20 30 40 50m

1. This drawing is not to be scaled.
2. All discrepancies,errors or omissions to be reported prior to work commencing.
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Conquest House
Church St. Waltham Abbey
EN9 1DX

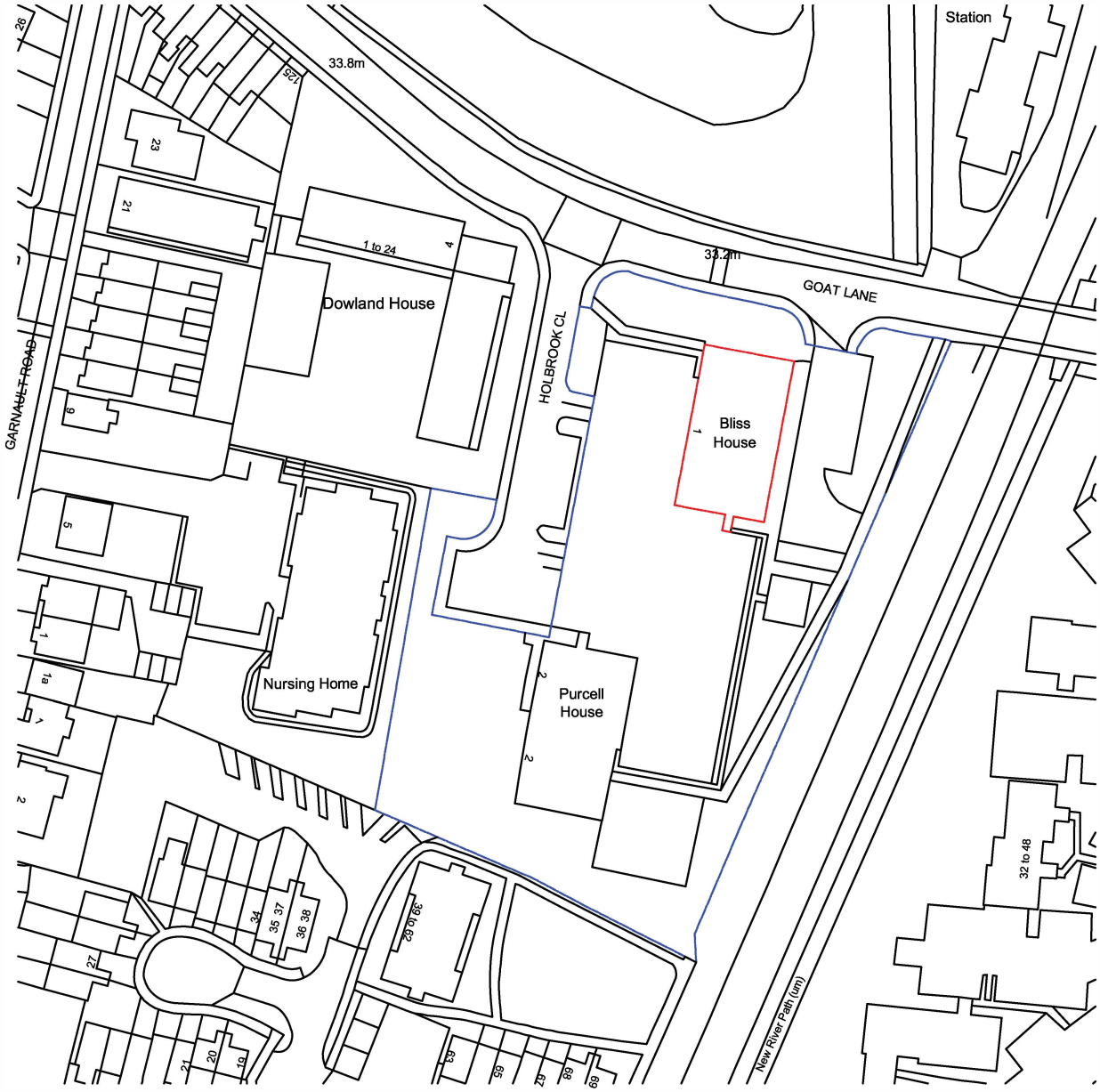
client
ENFIELD COUNCIL
Silver Street, Enfield. EN1 3XA

project
External Refurbishment Works.
1-72 Bliss House, 1 Holbrook Close, Enfield, EN1 4UL

drawing title
PROPOSED ELEVATIONS.

date	scale	dwn
March 2019.	1:100@a1	db

drawing number	sheet no.	rev
EC/BH/003.	1 of 1	-



TITLE	1-72 Bliss House, 1 Holbrook Close, Enfield. EN1 4UL	DWG NO	EC/BH/001.	REV	-
DWG	LOCATION PLAN.	SCALE @ A4	1:1250.	DATE	March 2019.

Conquest House
Church St. Waltham Abbey
EN9 1DX