

External Wall Insulation Type 01 - Standard EWI Thickness

U-Value = 0.28 w/m2k as per Structerm Spec.
Reaction to Fire = Euroclass A2 (Refer to Third Party certification)

1. 2 Coat Structerm High Polymer Basecoat render, of all thickness 6-8mm with Alkali Resistant R131 scrim mesh with min. 100mm laps and nom. 1.5mm Structerm Silicone finish. As per Structerm design and specification. Refer to proposed elevation for render finish colour.
2. 50mm Rigid Sheet Insulation from Structerm - Non-combustible (Euroclass A1). Specification to be confirmed by Structerm.
3. Substrate surface to be primed and prepared as per Structerm guidance.
4. Mechanical fixing - DMH 8/35 fire fixings with DMT-80E stainless steel washers should be installed. Fixing spacing as per system manufacturer's guidance. As per Structerm design and specification.
5. Substrate to be confirmed on site. Pull out test to be carried out before commencement on site. As per Structerm design and specification.

Ref. Number: NSC-R-SIL-LR (EWIE1)

Please note: Specifications are preliminary and are not to be used for construction. Outline specifications are as per Structerm design and guidance.

External Wall Insulation Type 02 - Redcued EWI Thickness

U-Value = TBC as per Structerm Spec.
Fire Resistance = Euroclass A2 (Refer to Third Party certification)

1. 2 Coat Structerm High Polymer Basecoat render, of all thickness 6-8mm with Alkali Resistant R131 scrim mesh with min. 100mm laps and nom. 1.5mm Structerm Silicone finish. As per Structerm design and specification. Refer to proposed elevation for render finish colour.
2. 30mm Rigid Sheet Insulation from Structerm - Non-combustible (Euroclass A1). Specification to be confirmed by Structerm.
3. Substrate surface to be primed and prepared as per Structerm guidance.
4. Mechanical fixing - Ejotherm H3 fixing for reduced thickness, as per Structerm design and specification. Fixing spacing as per system manufacturer's guidance. As per Structerm design and specification.
5. Substrate to be confirmed on site. Pull out test to be carried out before commencement on site. As per Structerm design and specification.

Ref. Number: TBC

Please note: Specifications are preliminary and are not to be used for construction. Outline specifications are as per Structerm design and guidance.

The contractor is responsible to ensure that no products are to be utilised that do not comply with relevant British and/or European Standards and/or Codes of Practice, COSHH Regulations, Construction Regulations, or which are known or suspected at the time of product selection and/or construction to be deleterious to health and safety or to the durability of the work or not in accordance with good building practice.
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External Wall Insulation Types

External Wall Insulation Type 01

External Wall Insulation Type 02

Please refer to Structerm Project Specification '11578.S001 (EWI E1) NSC-R-SIL-LR (P2)' document for full EWI specification.

Please note: Drawing are preliminary and are not to be used for construction purposes.

P06	Tender Drawings	24/07/2024
P05	Stage 4 Drawing Issue	23/07/2024
P04	Planning Issue	20/06/2024
P03	Planning Issue	03/05/2024
P02	Preliminary Issue to Client	26/04/2024
P01	Preliminary Issue to Client	27/03/2024
Rev	Description	Date

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EMPLOYER

PROJECT ADDRESS

Camden Street
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NW1 0LY

PROJECT NAME

Curnock Estate-Retrofit Works

DRAWING TITLE

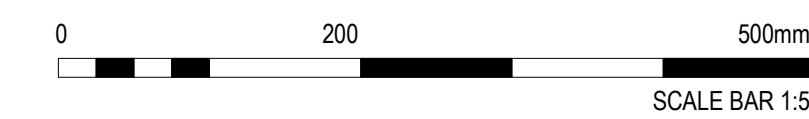
Proposed External Wall Insulation Type

SUITABILITY CODE

D2 - Suitable for Tender

SCALE	DRAWN	CHECKED	APPROVED	DATE
1:5	GS	GS	BLR	24/07/2024

PROJ NO	AUTHOR	VOLUME	LEVEL	DOCTYP	ROLE	DRW NO	REV NO
35120	BGL	AZ	XX	DR	A	21000	P06



Detail elements still to be confirmed with external parties:
 - Structherm are to confirm the PAS guidance that states no drip edge is required at plinth insulation

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A1

Standard Details

Assumed Existing Construction - Detail information to be treated as indicative, Existing Construction has not been surveyed.

Membrane Key

- Damp Proof Course, specification to be confirmed
- Insulation Adhesive, specification to be confirmed
- Self adhesive membrane, Visqueen or Eq. approved
- EDPM, specification to be confirmed
- Bauder LiquiPRIME 2, or Eq. approved. To be confirmed.
- Bauder LiquiBALKON, or Eq. approved.
- Bauder LiquiPAVE RF, or Eq. approved.
- Bauder LiquiFINISH, or Eq. approved.
- Bauder LiquiDETAIL, or Eq. approved.
- Counter Flashing, specification to be confirmed

Please note: These membranes are part of the Bauder LiquiTEC Balcony/Walkway System. The system is BBA certified and has a B-Roof(T4) fire rating.

Please note: Drawing are preliminary and are not to be used for construction purposes.

P03	Tender Drawings	24/07/2024
P02	Stage 4 Drawing Issue	22/07/2024
P01	DRAFT Issue to Manufacturer	02/07/2024
Rev	Description	Date

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PROJECT NAME
 Curnock Estate-Retrofit Works

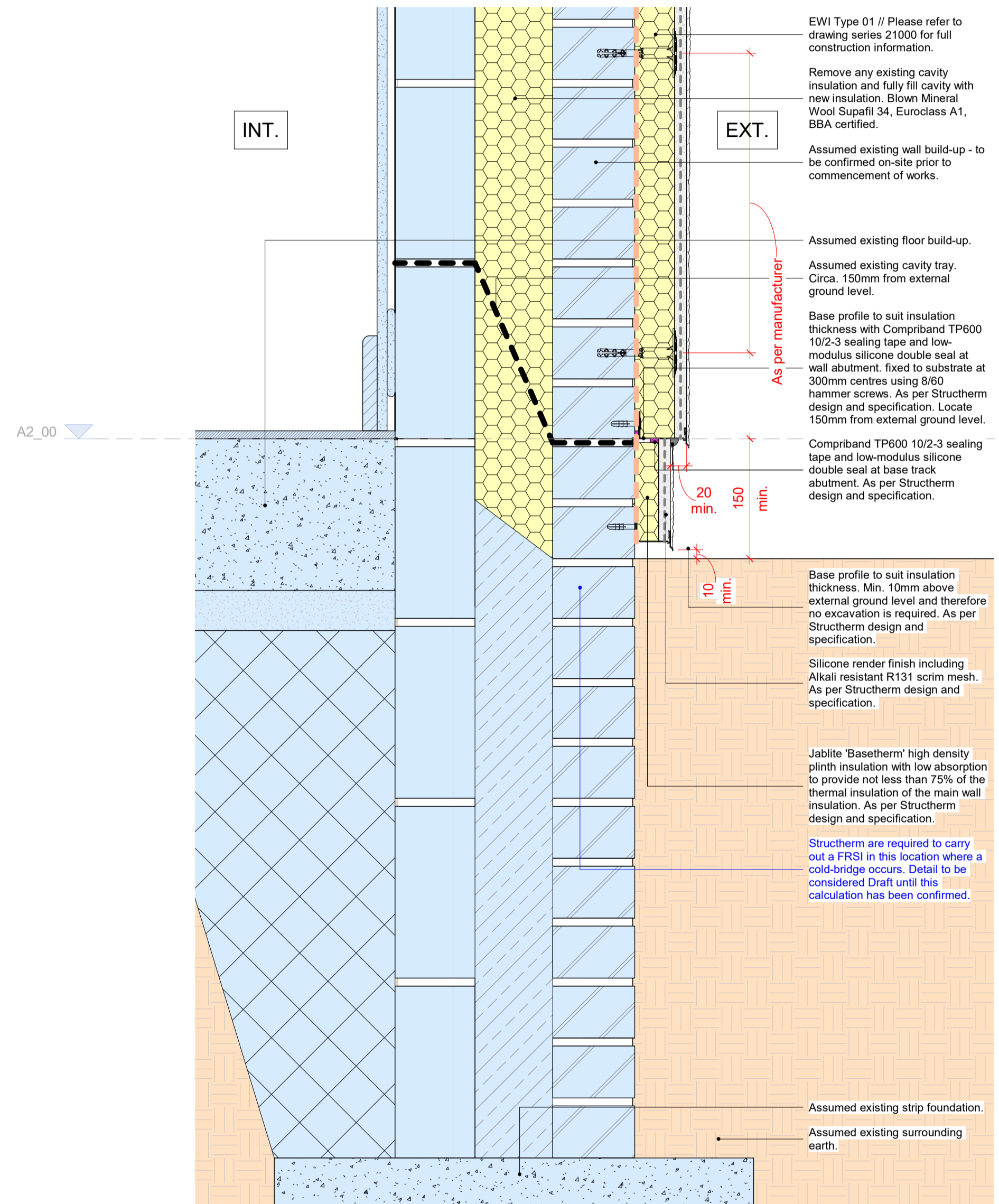
DRAWING TITLE
 Ground Level - EWI to Floor Section Detail

SUITABILITY CODE
 D2 - Suitable for Tender

SCALE	DRAWN	CHECKED	APPROVED	DATE
1:5	GS	GS	BLR	24/07/2024

PROJ NO	AUTHOR	VOLUME	LEVEL	DOCTYP	ROLE	DRW NO	REV NO
35120	BGL	AZ	XX	DR	A	29010	P03

Please note: Sustainability team to carry out Cold-Bridge calculations on detail to ensure any risk presented is mitigated. Furthermore, EWI manufacturer to carry out condensation risk calculations to ensure any risk presented is mitigated.

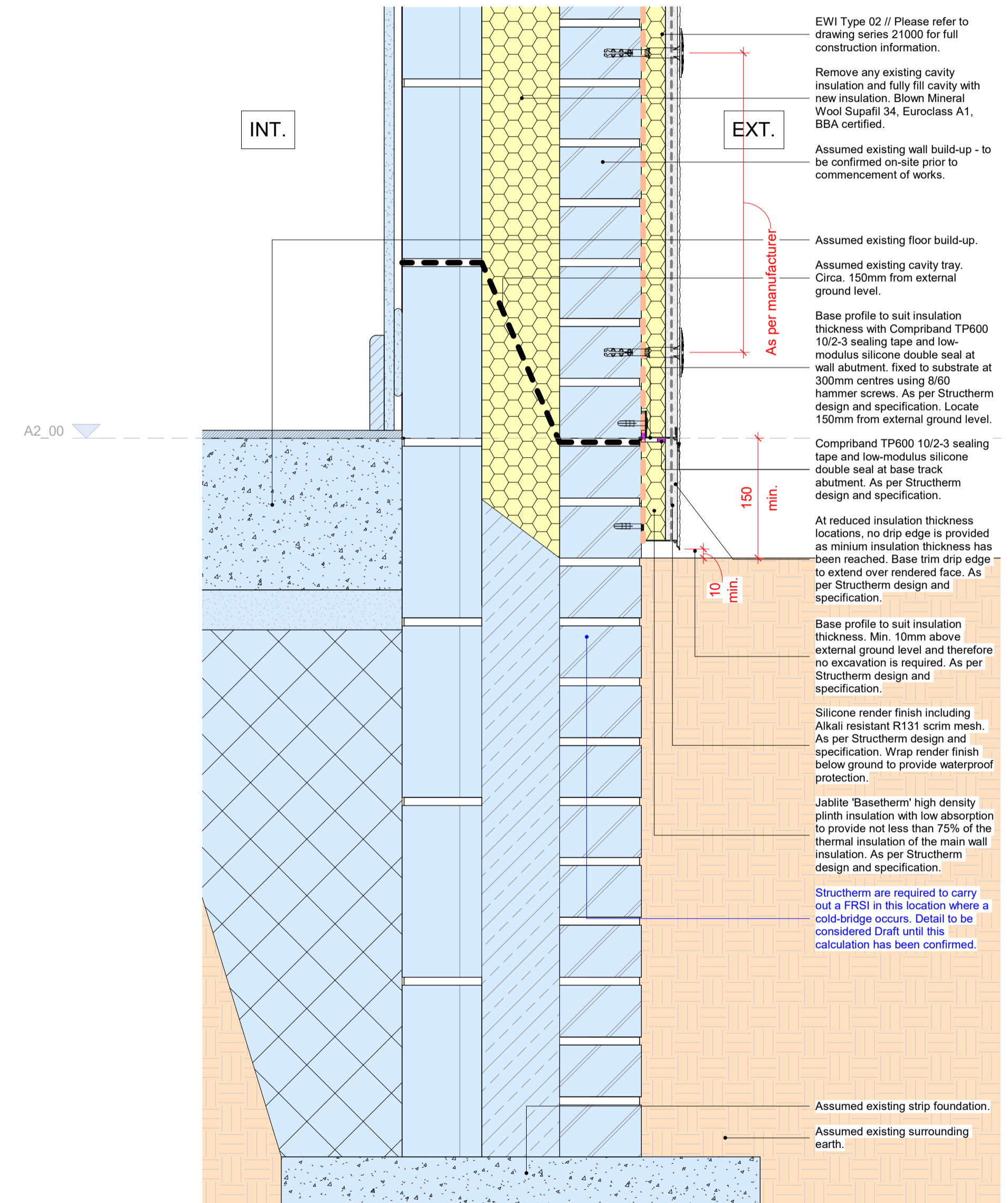


Please note: This detail has been informed by Structherm's specialist detail package. Refer to Structherm drawing no. 'D.02-2' from Detail Package.

1 - EWI to Floor Section Detail (Above Ground)
 1 : 5

Please note: The below DPC system is not BBA approved and cannot be guaranteed by Structherm LTD. Building Control are to confirm the use of the below DPC EWI specification before it is installed on-site.

Please note: Sustainability team to carry out Cold-Bridge calculations on detail to ensure any risk presented is mitigated. Furthermore, EWI manufacturer to carry out condensation risk calculations to ensure any risk presented is mitigated.



2 - EWI to Floor Section Detail (Above Ground) Reduced Thickness
 1 : 5

Please note: The below ground insulation option should only be used in areas that are well drained, as per Structherm guidance. To be reviewed on-site to determine suitable approach.

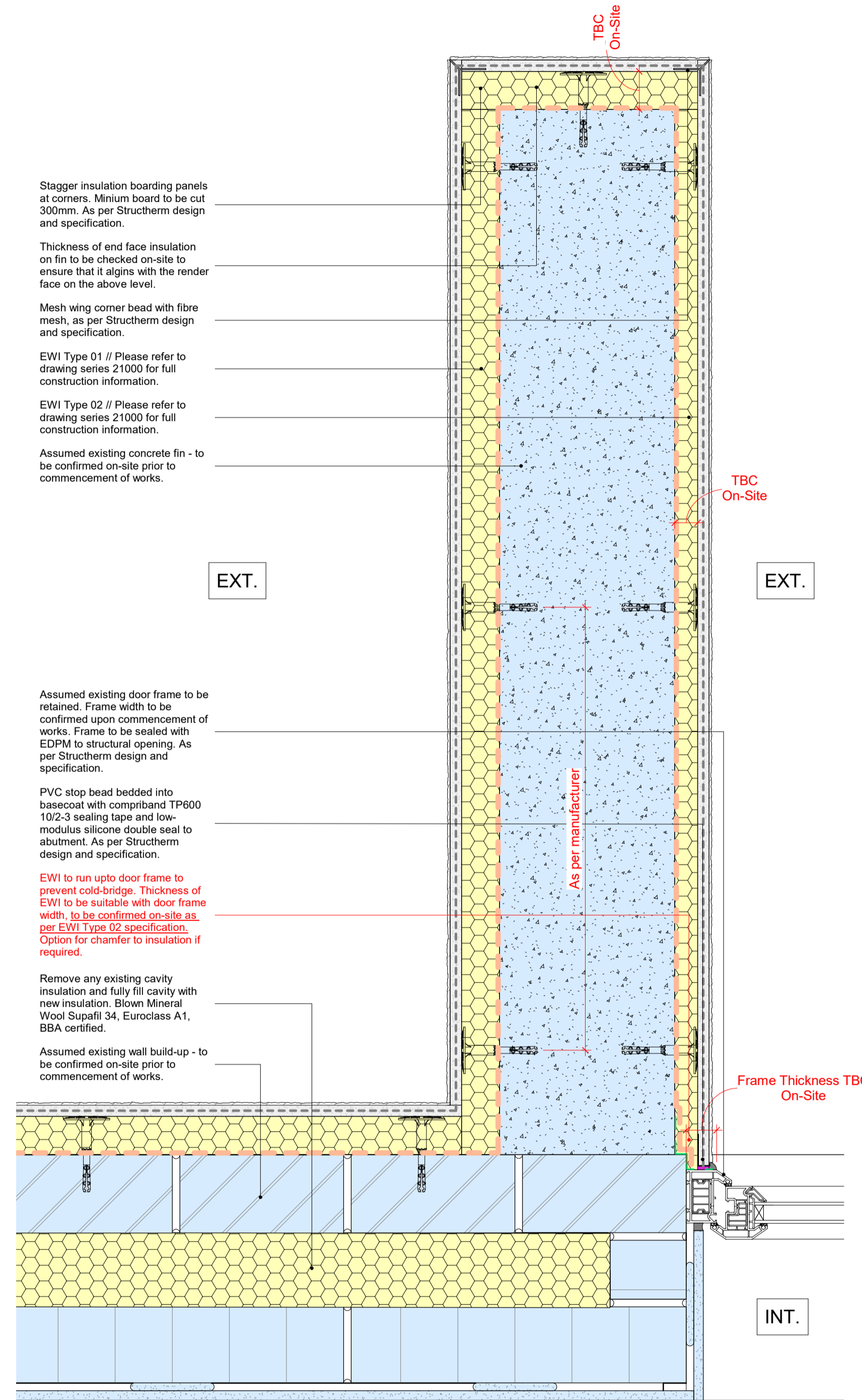
Please note: The below DPC system is not BBA approved and cannot be guaranteed by Structherm LTD. Building Control are to confirm the use of the below DPC EWI specification before it is installed on-site.

Please note: Please refer to Structherm Detail Drawing Package '11578 - Details 21.03.24' for full construction information.



Detail elements still to be confirmed with external parties:
 - Frame thickness / insulation thickness to be confirmed with Structherm

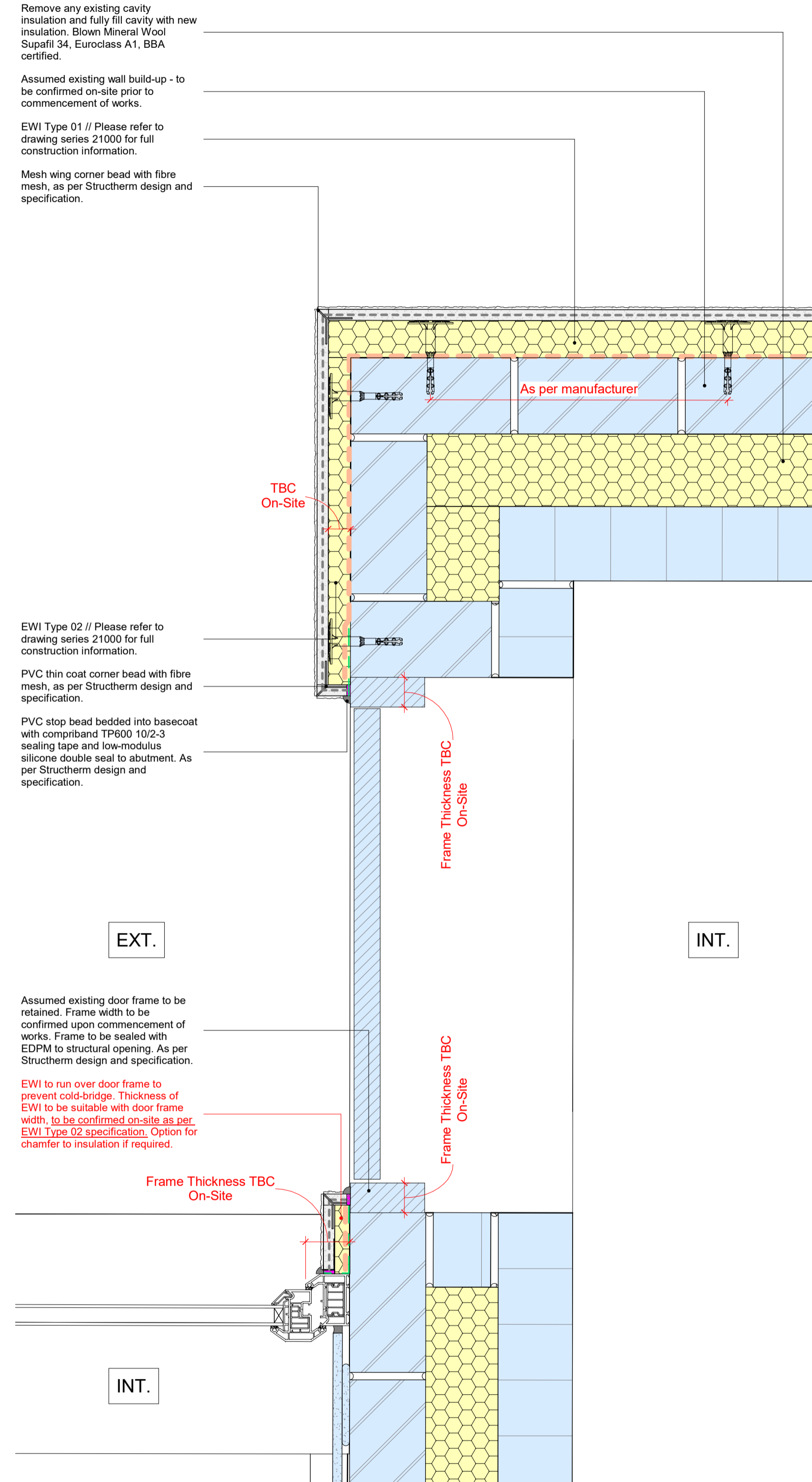
Please note: Sustainability team to carry out Cold-Bridge calculations on detail to ensure any risk presented is mitigated. Furthermore, EWI manufacturer to carry out condensation risk calculations to ensure any risk presented is mitigated.



1 - Ground Level - EWI to Column / Door Plan Detail

1 : 5

Please note: Sustainability team to carry out Cold-Bridge calculations on detail to ensure any risk presented is mitigated. Furthermore, EWI manufacturer to carry out condensation risk calculations to ensure any risk presented is mitigated.



2 - Ground Level - EWI to Porch Area Plan Detail

1 : 5

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Standard Details

Assumed Existing Construction - Detail information to be treated as indicative, Existing Construction has not been surveyed.

Membrane Key

- Damp Proof Course, specification to be confirmed - - - - -
- Insulation Adhesive, specification to be confirmed - - - - -
- Self adhesive membrane, Visqueen or Eq. approved - - - - -
- EDPM, specification to be confirmed - - - - -
- Bauder LiquiPRIME 2, or Eq. approved. To be confirmed. - - - - -
- Bauder LiquiBALKON, or Eq. approved. - - - - -
- Bauder LiquiPAVE RF, or Eq. approved. - - - - -
- Bauder LiquiFINISH, or Eq. approved. - - - - -
- Bauder LiquiDETAIL, or Eq. approved. - - - - -
- Counter Flashing, specification to be confirmed - - - - -

Please note: These membranes are part of the Bauder LiquiTEC Balcony / Walkway System. The system is BBA certified and has a B-Roof(T4) fire rating.

Please note: Drawing are preliminary and are not to be used for construction purposes.

Rev	Description	Date
P03	Tender Drawings	24/07/2024
P02	Stage 4 Drawing Issue	22/07/2024
P01	DRAFT Issue to Manufacturer	02/07/2024

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PROJECT NAME
 Curmook Estate-Retrofit Works

DRAWING TITLE
 Ground Level - EWI to Column / Door Plan Detail & Inset Porch Plan Detail

SUITABILITY CODE
 D2 - Suitable for Tender

SCALE	DRAWN	CHECKED	APPROVED	DATE
1:5	GS	GS	BLR	24/07/2024

PROJ NO	AUTHOR	VOLUME	LEVEL	DOCTYP	ROLE	DRW NO	REV NO
35120	BGL	AZ	XX	DR	A	29011	P03



Please note: Please refer to Structherm Detail Drawing Package '11578 - Details 21.03.24' for full construction information.

Detail elements still to be confirmed with external parties:
 - BGA suggest input from a fully qualified fire engineer to confirm the requirement for fire barriers at compartment junctions.

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Standard Details

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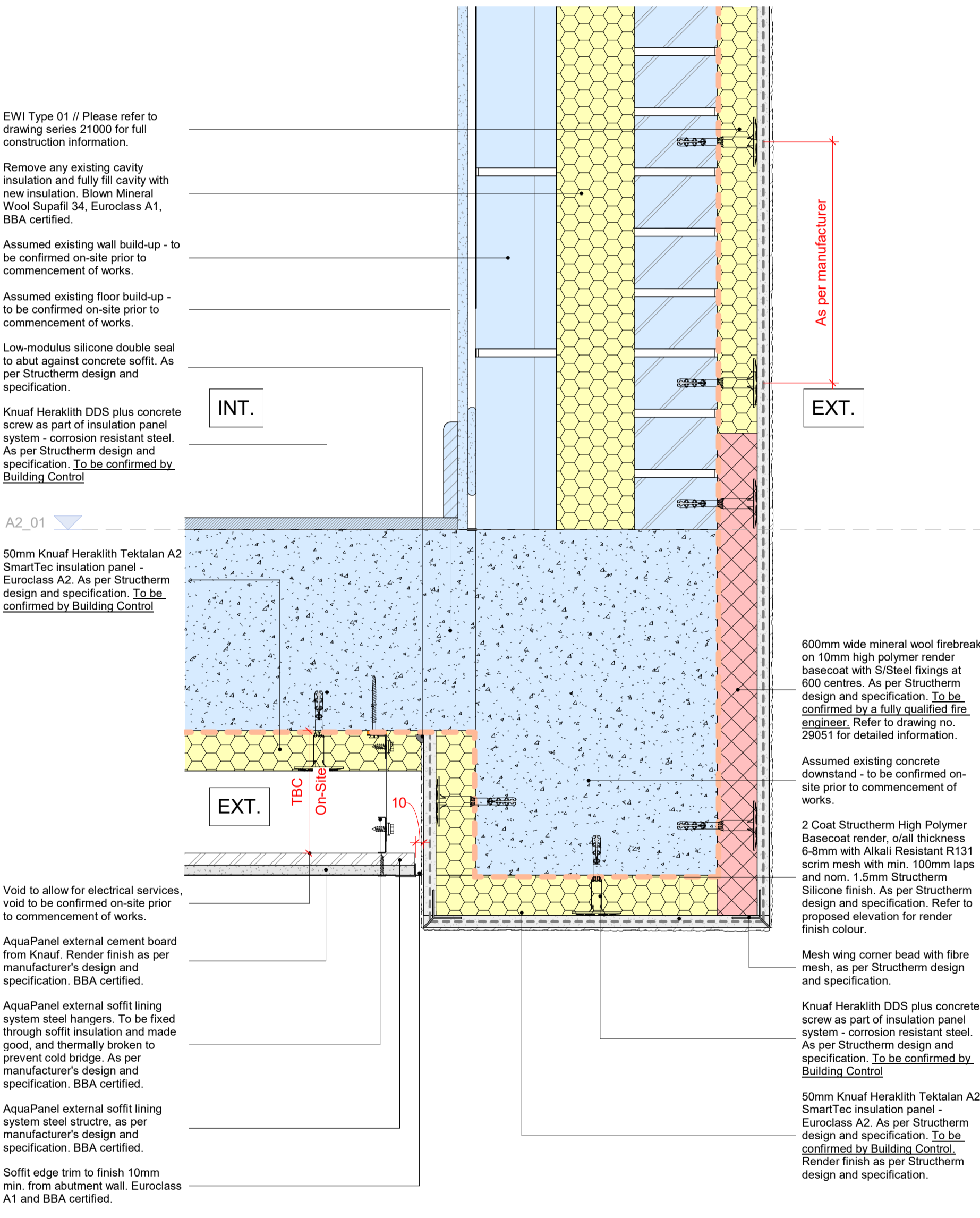
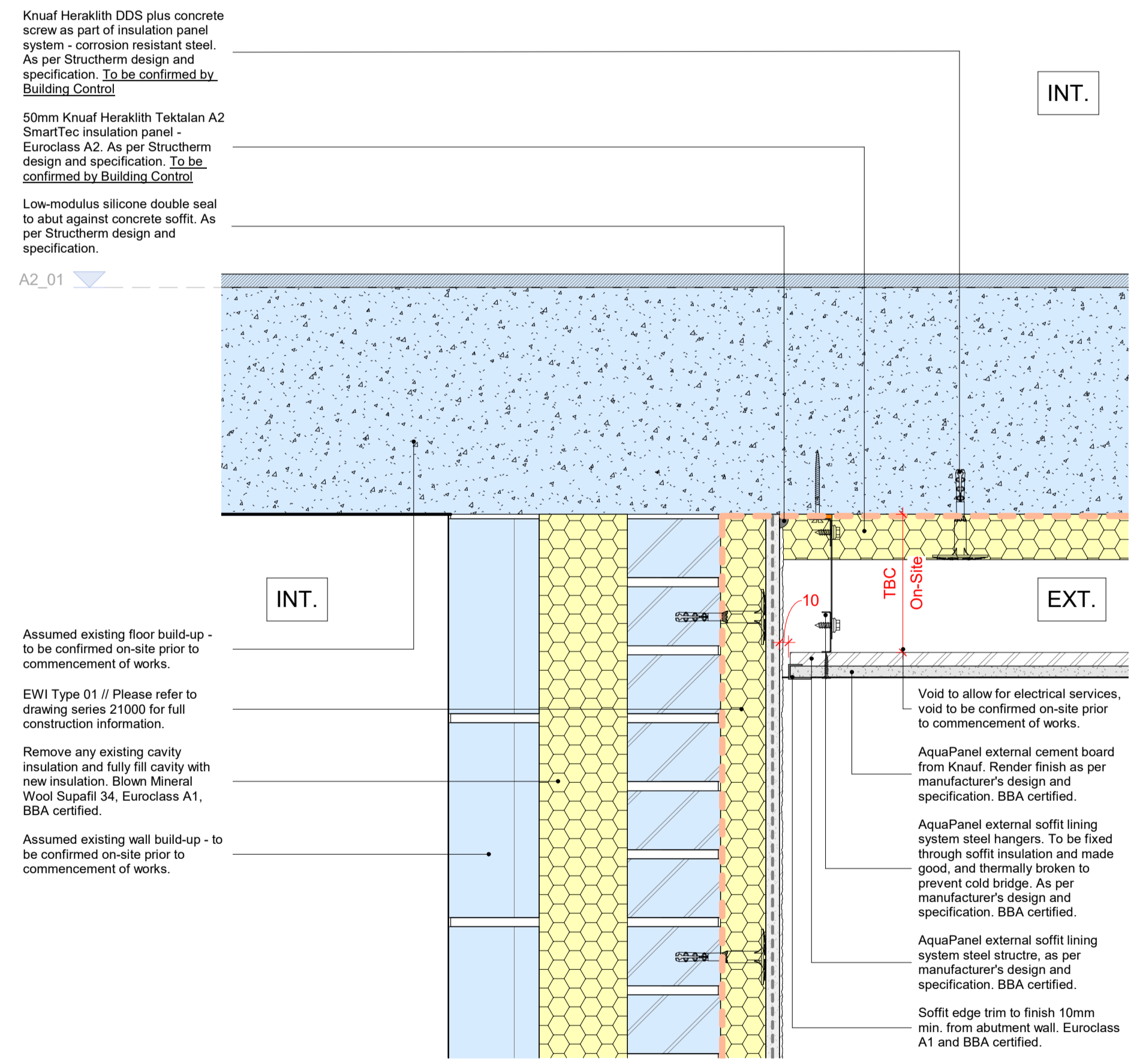
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Please note: These membranes are part of the Bauder LiquiTEC Balcony / Walkway System. The system is BBA certified and has a BRoot(T4) fire rating.

Please note: Sustainability team to carry out Cold-Bridge calculations on detail to ensure any risk presented is mitigated. Furthermore, EWI manufacturer to carry out condensation risk calculations to ensure any risk presented is mitigated.

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PROJECT NAME:
Curnock Estate-Retrofit Works

DRAWING TITLE:
Walkway - EWI to Soffit Section Detail

SUITABILITY CODE:
D2 - Suitable for Tender

SCALE	DRAWN	CHECKED	APPROVED	DATE
1:5	GS	GS	BLR	24/07/2024

PROJ NO	AUTHOR	VOLUME	LEVEL	DOCTYP	ROLE	DRW NO	REV NO
35120	BGL	AZ	XX	DR	A	29020	P03



1 - EWI to Floor Section Detail 01

1 : 5

2 - EWI to Floor Section Detail 02

1 : 5

Please note: Please refer to Structerm Detail Drawing Package '11578 - Details 21.03.24' for full construction information.

Detail elements still to be confirmed with external parties:
- No Queries

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Standard Details

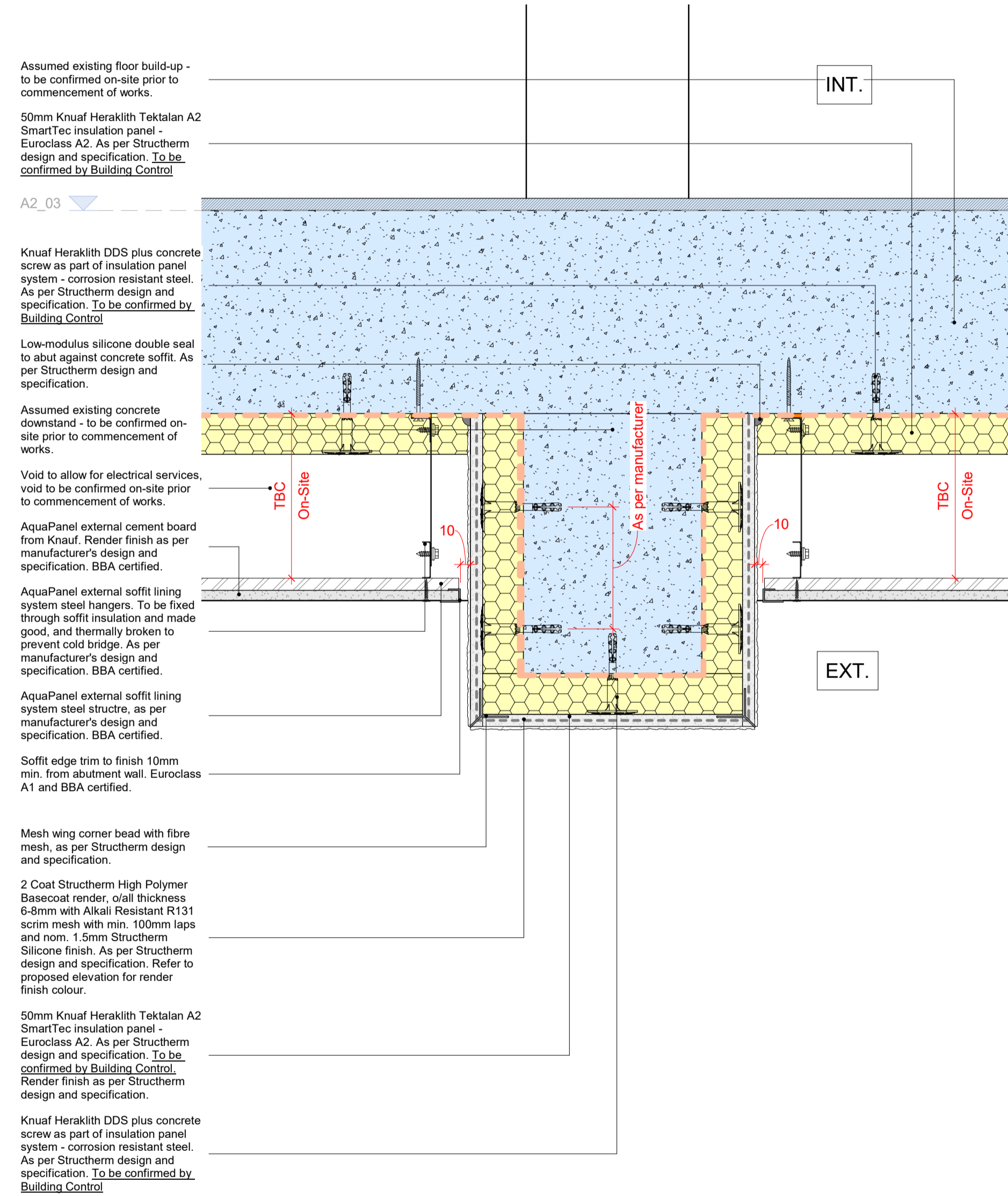
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Membrane Key

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- EDPM, specification to be confirmed
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- Bauder LiquiDETAIL, or Eq. approved.
- Counter Flashing, specification to be confirmed

Please note: These membranes are part of the Bauder LiquiTEC Balcony/Walkway System. The system is BBA certified and has a B Roof(T4) fire rating.

Please note: Sustainability team to carry out Cold-Bridge calculations on detail to ensure any risk presented is mitigated. Furthermore, EWI manufacturer to carry out condensation risk calculations to ensure any risk presented is mitigated.



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PROJECT NAME
Curnock Estate-Retrofit Works

DRAWING TITLE
Walkway - EWI to Soffit Beam Section Detail

SUITABILITY CODE
D2 - Suitable for Tender

SCALE	DRAWN	CHECKED	APPROVED	DATE
1:5	GS	GS	BLR	24/07/2024

PROJ NO	AUTHOR	VOLUME	LEVEL	DOCTYP	ROLE	DRW NO	REV NO
35120	BGL	AZ	XX	DR	A	29021	P03



1 - EWI to Soffit Beam Section Detail

1 : 5

Please note: Please refer to Struchterm Detail Drawing Package '11578 - Details 21.03.24' for full construction information.

Detail elements still to be confirmed with external parties:
 - BGA to confirm with external parties for specification of internal soffit insulation.
 - BGA suggest input from a fully qualified fire engineer to confirm the requirement for fire barriers at compartment junctions.

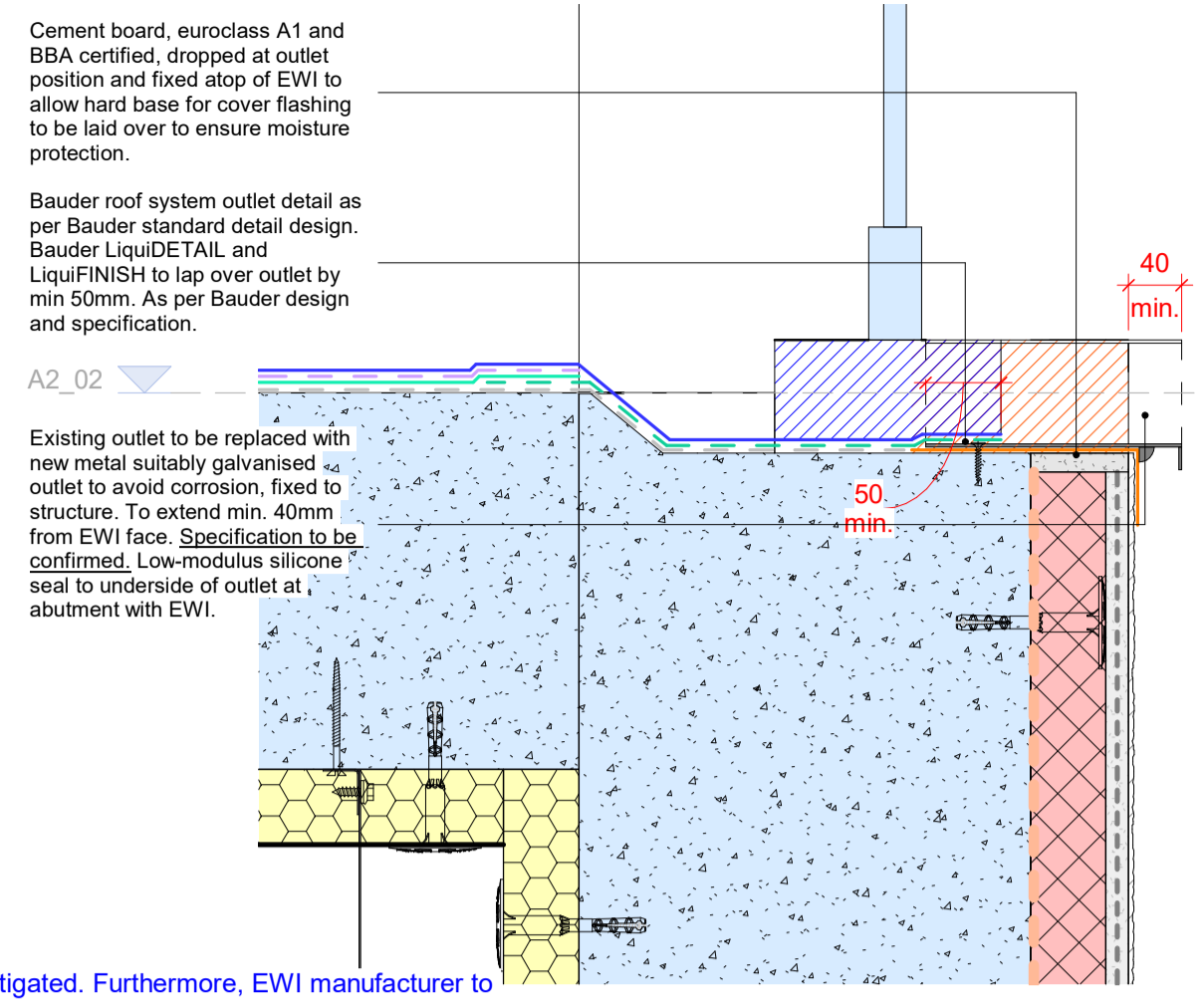
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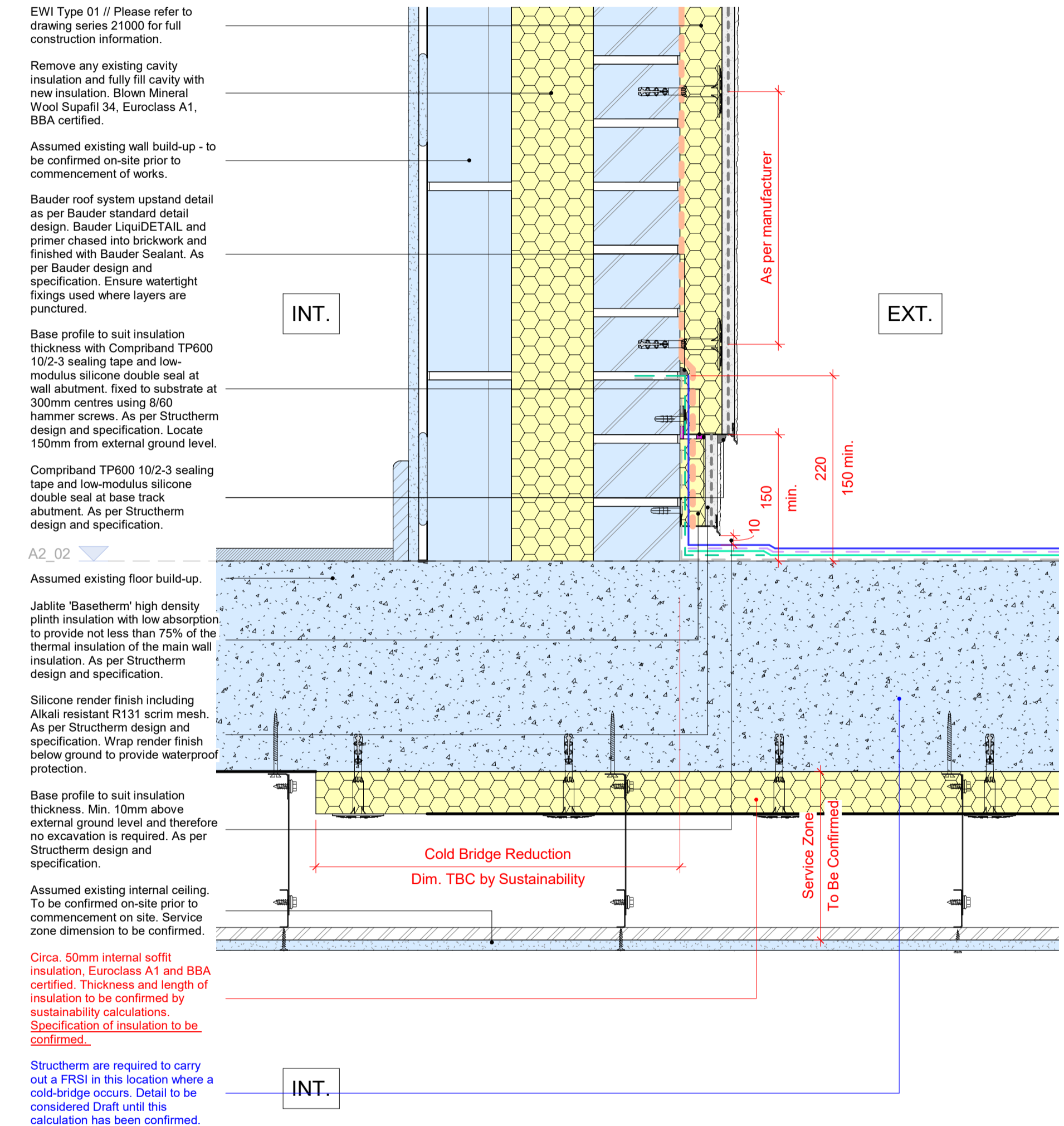
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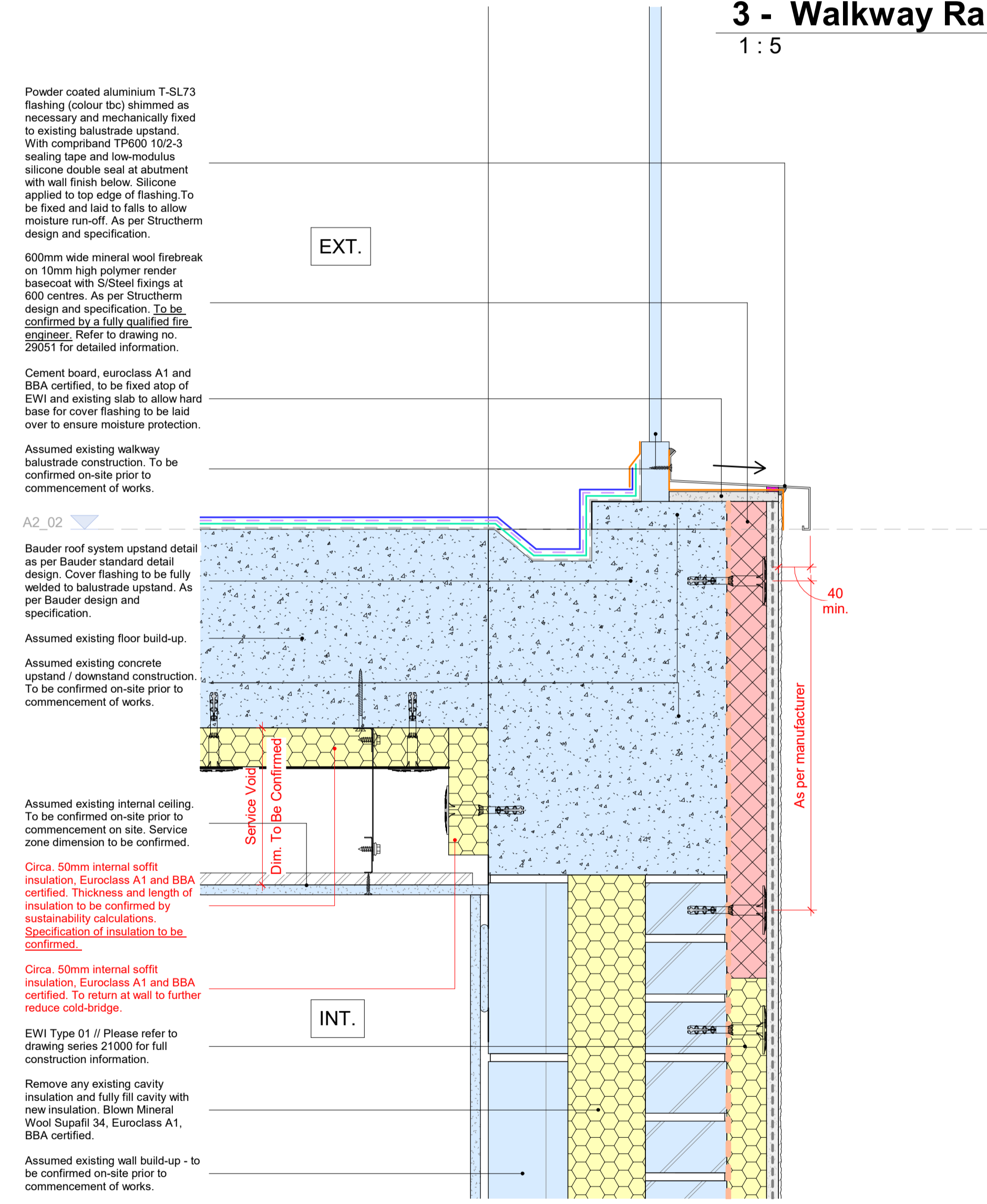
3 - Walkway Rainwater Outlet Detail
 1 : 5

Please note: Sustainability team to carry out Cold-Bridge calculations on detail to ensure any risk presented is mitigated. Furthermore, EWI manufacturer to carry out condensation risk calculations to ensure any risk presented is mitigated.



1 - EWI to Walkway Section Detail 01
 1 : 5

Please note: Sustainability team to carry out Cold-Bridge calculations on detail to ensure any risk presented is mitigated. Furthermore, EWI manufacturer to carry out condensation risk calculations to ensure any risk presented is mitigated.



2 - EWI to Walkway Section Detail 02
 1 : 5

Please note: Drawing are preliminary and are not to be used for construction purposes.

Rev	Description	Date
P03	Tender Drawings	24/07/2024
P02	Stage 4 Drawing Issue	22/07/2024
P01	DRAFT Issue to Manufacturer	02/07/2024

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PROJECT NAME
Curnock Estate-Retrofit Works

DRAWING TITLE
Walkway - EWI to Waterproofing Floor Section Detail

SUITABILITY CODE
D2 - Suitable for Tender

SCALE	DRAWN	CHECKED	APPROVED	DATE
1:5	GS	GS	BLR	24/07/2024

PROJ NO	AUTHOR	VOLUME	LEVEL	DOCTYP	ROLE	DRW NO	REV NO
35120	BGL	AZ	XX	DR	A	29022	P03

Please note: Please refer to Structherm Detail Drawing Package '11578 - Details 21.03.24' for full construction information.

