



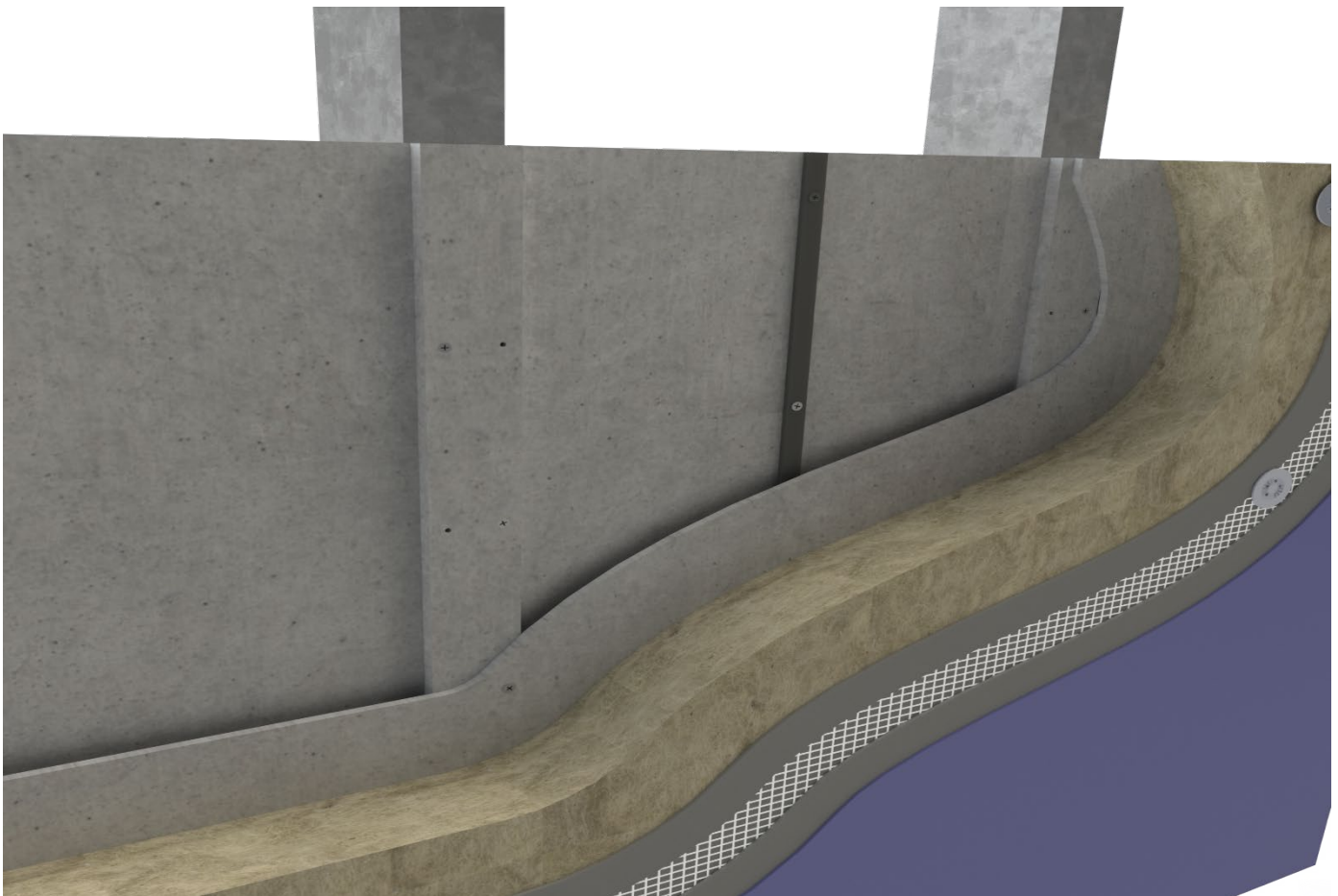
SPS Envirowall EWI System Typical Details : CS2 to Framed Structures (LGSF)



SPS Envirowall Ltd
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Lonsdale Street, Stoke-on-Trent
Staffordshire
ST4 4BT
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0800 6124662



System:	CS2 cavity system
Insulation:	Mineral Wool EWI Slab
System Finish:	Envirosil Silicone Topcoat Finish Enviromin Mineral Topcoat Finish Speedy Slip Flexible Brick Slip Finish
Accreditation:	KIWA BDA – Certificate Ref: BAW-18-041-S-A-UK
Naming Sequence	Typical Details, CS2, Steel frame, Mineral Wool, Render, 01, etc
Drawing Codes	TD-CS2-SFS-MW-R-01
ISO Reference	5213



Typical Image / Section through EWI System onto Sheathing Board

GENERAL NOTES

This document is intended as a design guidance documentation and to assist the Project design team in producing the respective documentation for any project under consideration or installation. To be read with Relevant M21 Specification and accordance with Benx SPS Envirowall (SPSE) Installation instructions and good practice guidelines.

As manufacturers/suppliers Benx Technical is not privy to detailed contractual arrangements and documentation of individual projects and is therefore not in a position to co-ordinate related work by others. It is not the intention for this draft to relate to any particular project, but to provide a guide to the more common items encountered in construction assemblies incorporating Benx, SPS, and RCM products.

Finally please ensure that any amendments to Benx Technical draft specifications represent a true interpretation of the project designer's requirements.



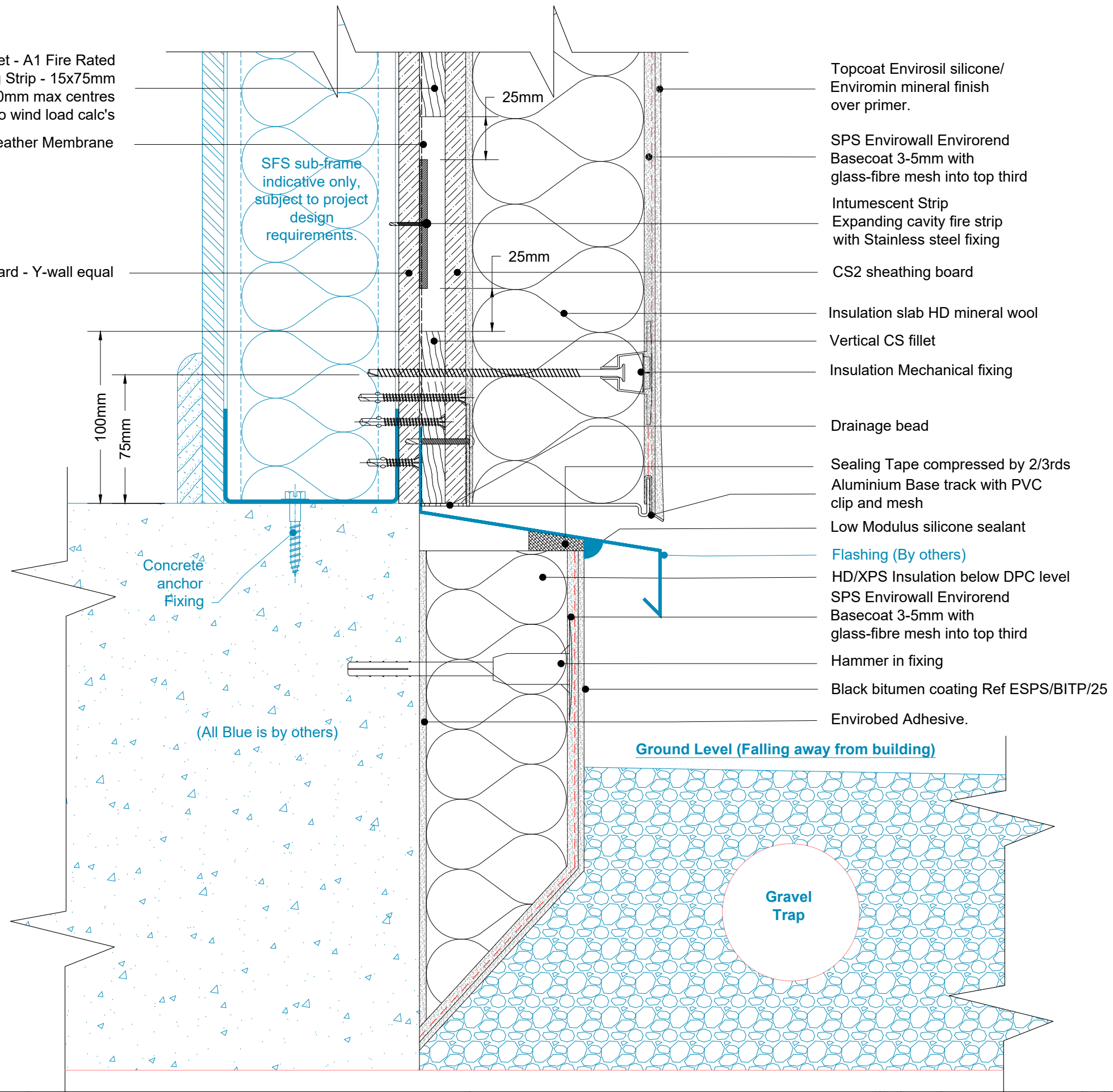
DRAWING REGISTER

DRAWING REGISTER

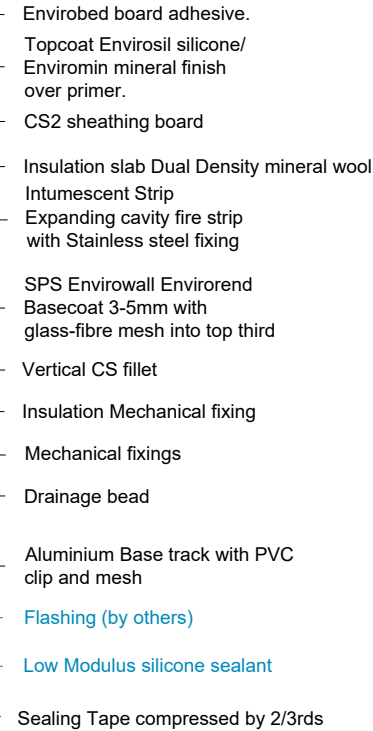
PROJECT: CS2 Render drawings		ISSUE STATUS	I	I	I	I	I											
ISO Ref: 5213	System: CS2	DATE	1/3/23	19/4/23	31/5/23	24/10/23	7/12/23											
DRAWING No.		DRAWING ID/Description																
TD-CS2-SFS-MW-R-01	Base Detail with flashing cover		A	B	B	C	D											
TD-CS2-SFS-MW-R-02	Base brick Detail with SFS overhang and flashing		A	B	B	C	C											
TD-CS2-SFS-MW-R-03	Base brick Detail with flashing		A	B	B	C	C											
TD-CS2-SFS-MW-R-04	Internal Corner		A	A	A	A	A											
TD-CS2-SFS-MW-R-05	Internal Corner with movement joint bead		A	A	A	A	A											
TD-CS2-SFS-MW-R-06	External Corner		A	A	A	A	A											
TD-CS2-SFS-MW-R-07	Brick work Abutment joint		A	A	A	A	A											
TD-CS2-SFS-MW-R-08	Abutment joint with other cladding		A	A	A	A	A											
TD-CS2-SFS-MW-R-09	joint with other cladding system		A	A	A	A	A											
TD-CS2-SFS-MW-R-10	Horizontal change of finish render and flexible brick slip		A	A	A	A	A											
TD-CS2-SFS-MW-R-11	Floor slab edge detail with firebreak, No deflection zone		A	A	A	A	A											
TD-CS2-SFS-MW-R-12	Recessed slab edge with movement joint		A	A	B	B	B											
TD-CS2-SFS-MW-R-13	Flush floor slab edge detail with movement joint		A	A	B	B	B											
TD-CS2-SFS-MW-R-14	Vertical Movement joint		A	A	A	A	A											
TD-CS2-SFS-MW-R-15	Vertical Fire barrier at party wall compartment junction		A	B	B	B	B											
TD-CS2-SFS-MW-R-16	Plan detail at party wall junction		A	A	A	A	A											
TD-CS2-SFS-MW-R-17	Plan detail concrete section junction		A	A	A	A	A											
TD-CS2-SFS-MW-R-18	Window Cill with CS2 A1 fillet cavity closure		A	A	A	A	A											
TD-CS2-SFS-MW-R-19	Window Cill with cavity barrier closure		A	A	A	A	A											
TD-CS2-SFS-MW-R-20	Window Reveal with CS2 A1 fillet cavity closure		A	A	A	A	A											
TD-CS2-SFS-MW-R-21	Window Reveal with cavity barrier closure		A	A	A	A	A											
TD-CS2-SFS-MW-R-22	Window Reveal with window set back		A	A	A	A	A											
TD-CS2-SFS-MW-R-23	Window Reveal with window set forward		A	A	A	A	A											
TD-CS2-SFS-MW-R-24	Window Head with CS2 A1 fillet cavity closure		A	B	B	B	B											
TD-CS2-SFS-MW-R-25	Window Head with cavity barrier closure		A	B	B	B	B											
TD-CS2-SFS-MW-R-26	Soffit Detail		A	A	A	A	A											
TD-CS2-SFS-MW-R-27	Suspended soffit Detail		A	A	A	A	A											
TD-CS2-SFS-MW-R-28	Coping Detail		A	B	B	B	B											
TD-CS2-SFS-MW-R-29	Light weight attachment fixing detail (Opt 1)		A	A	A	A	A											
TD-CS2-SFS-MW-R-30	Medium weight attachment fixing detail (Opt 2)		A	A	A	A	A											
TD-CS2-SFS-MW-R-31	Heavy duty mounting bracket		A	A	A	A	A											
TD-CS2-SFS-MW-R-32	Boiler flue or extract fan detail		A	A	A	A	A											
TD-CS2-SFS-MW-R-33	Pipe or cable detail		A	A	A	A	A											
TD-CS2-SFS-MW-R-34	Fixing Pattern Through Meshed Basecoat		A	A	A	A	A											
TD-CS2-SFS-MW-R-35	stress Patches		A	A	A	A	A											
TD-CS2-SFS-MW-R-36	Fillet fixing details		A	A	A	A	B											
TD-CS2-SFS-MW-R-37	Fillet fixing detail around small window			A	A	A	A											
TD-CS2-SFS-MW-R-38	Fillet fixing detail around large window			A	A	A	A											
					</													

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.

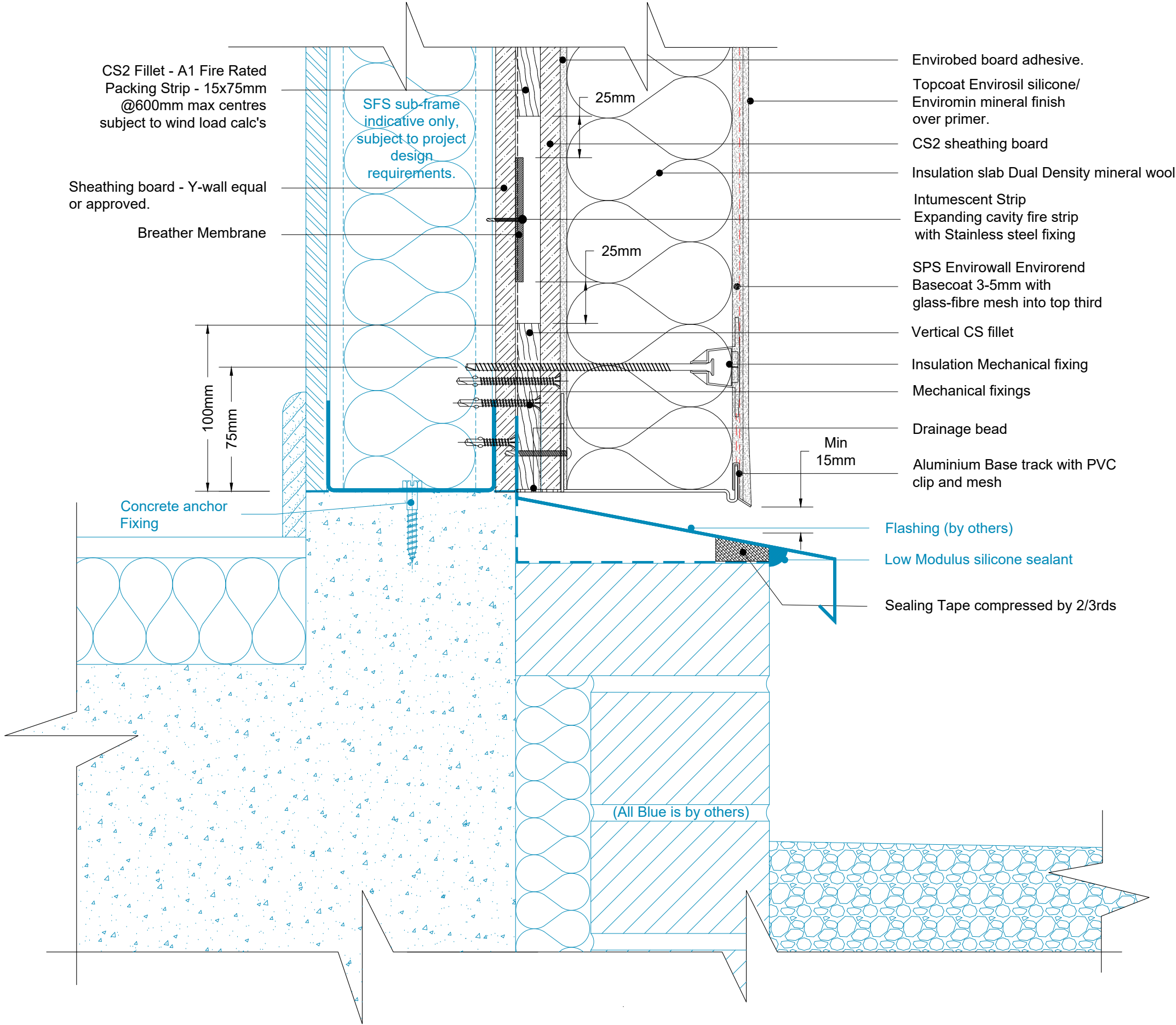
Sheathing board - Y-wall equal
or approved.



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3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.



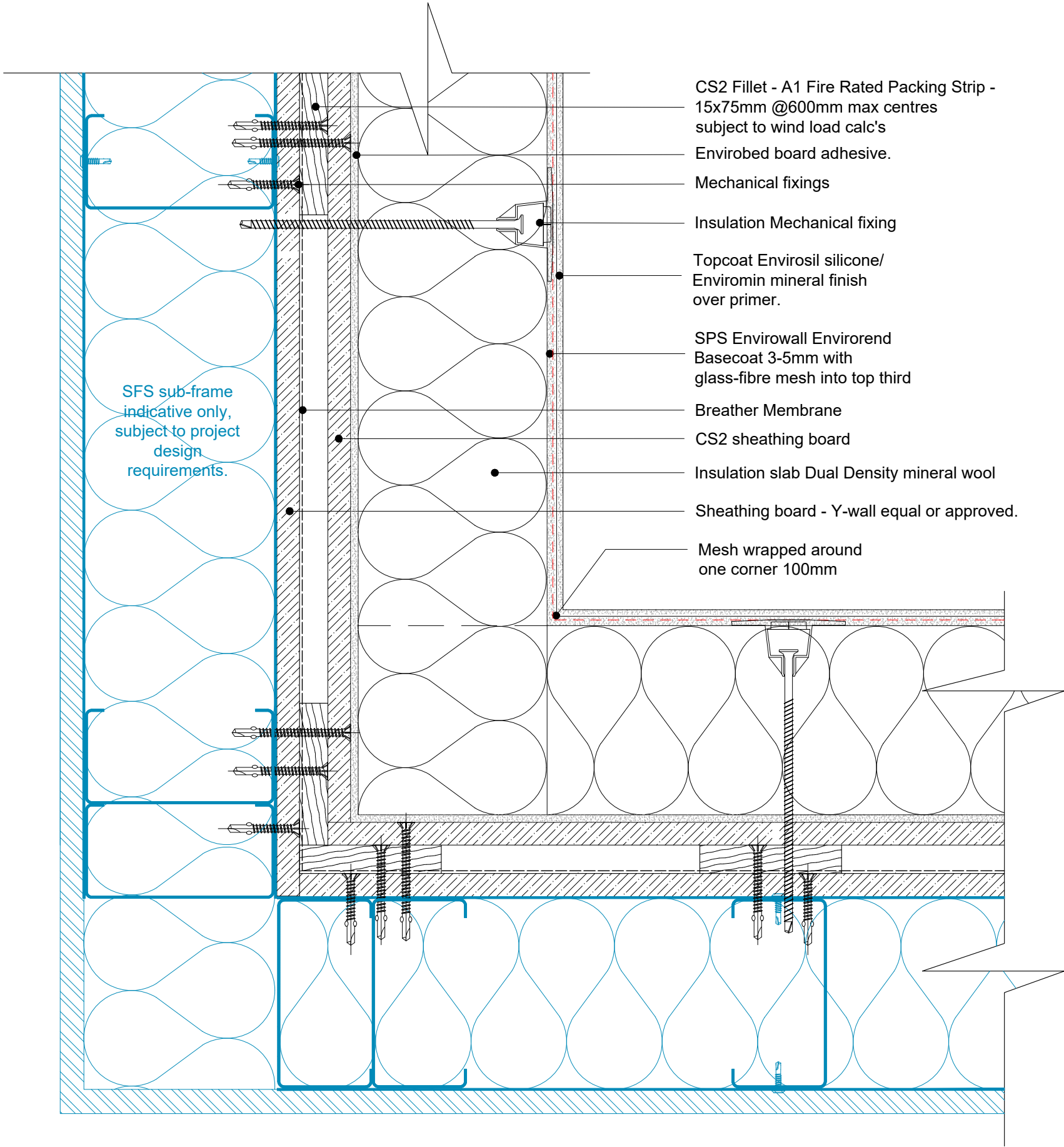
- Note:
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 - 3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
 - 4. Movement joint within the system and structure please refer to guidance note within M21 specification.



REV	DATE	NOTE	BY	STATUS:	DRAWN:
A	06/12/22	First Issue	AG	PROJECT: ISO No: 5213	AG
B	18/04/23	Intumescent strip added	AG	TYPICAL DETAILS CS2	CHECK: DS
C	23/10/23	Vertical fillet text added	AG	DRAWING No: TD-CS2-SFS-MW-R-03	NTS @A3
				DESCRIPTION: BASE DETAIL WITH FLASHING COVER	DATE: Nov 22
					REV: C

Note:

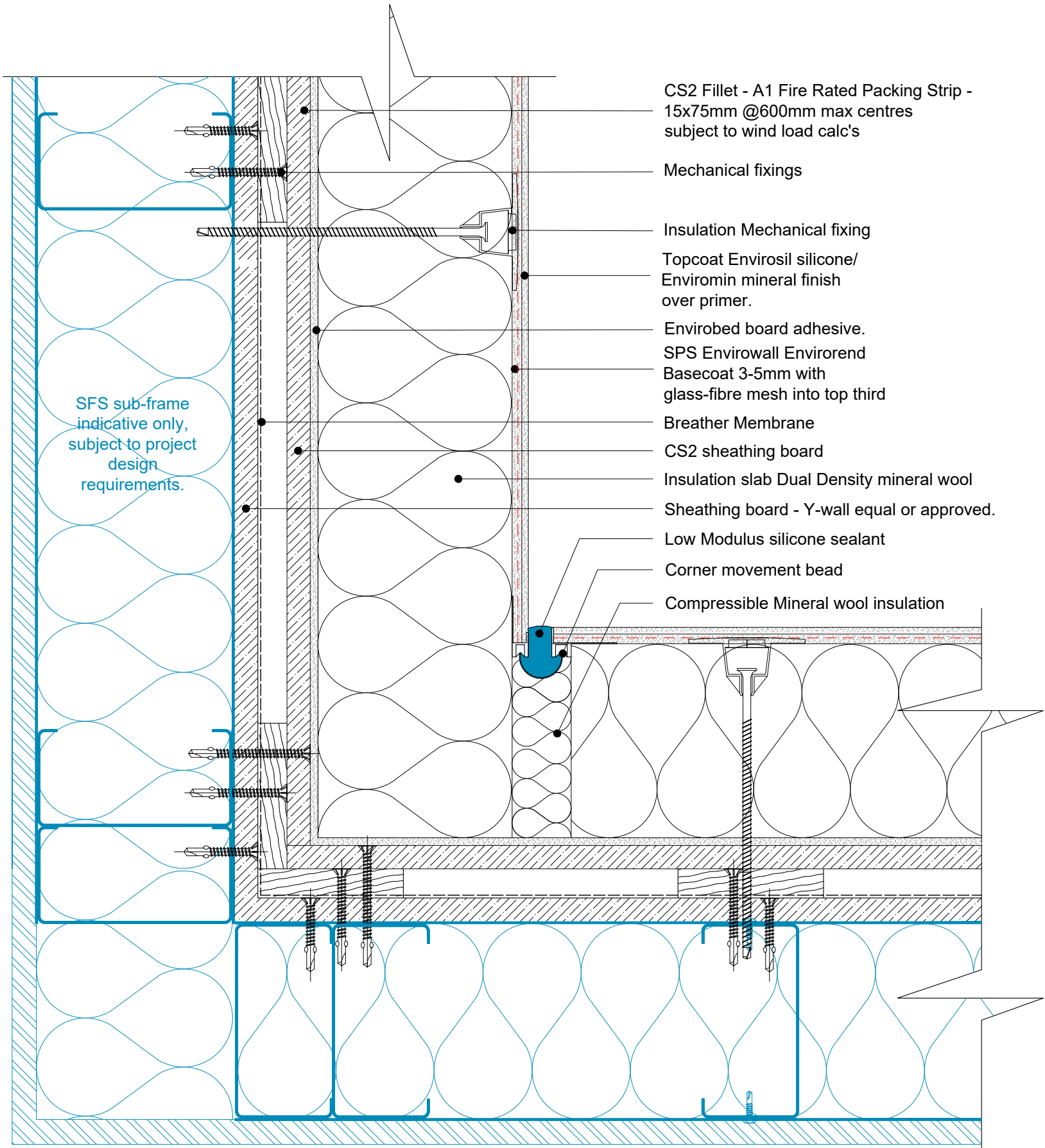
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REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5213	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-R-04		DS
				DESCRIPTION:		NTS
				INTERNAL CORNER		@A3
						DATE:
						Nov 22
						REV:
						A

Note:

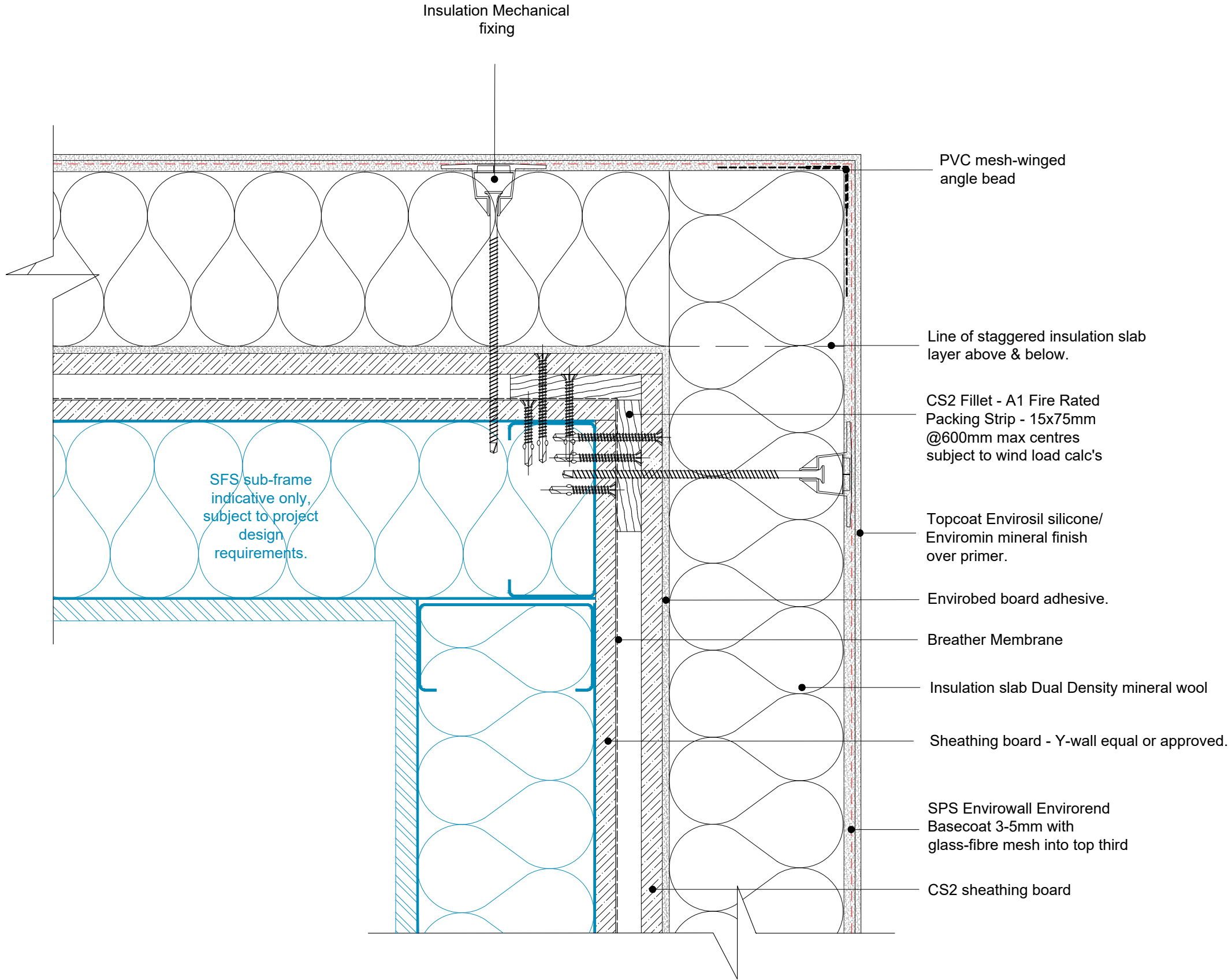
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2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
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4. Movement joint within the system and structure please refer to guidance note within M21 specification.



REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5213	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-R-05		DS
				DESCRIPTION:		NTS
				INTERNAL CORNER WITH		@A3
				MOVEMENT JOINT BEAD		DATE:
						Nov 22
						REV:
						A

Note:

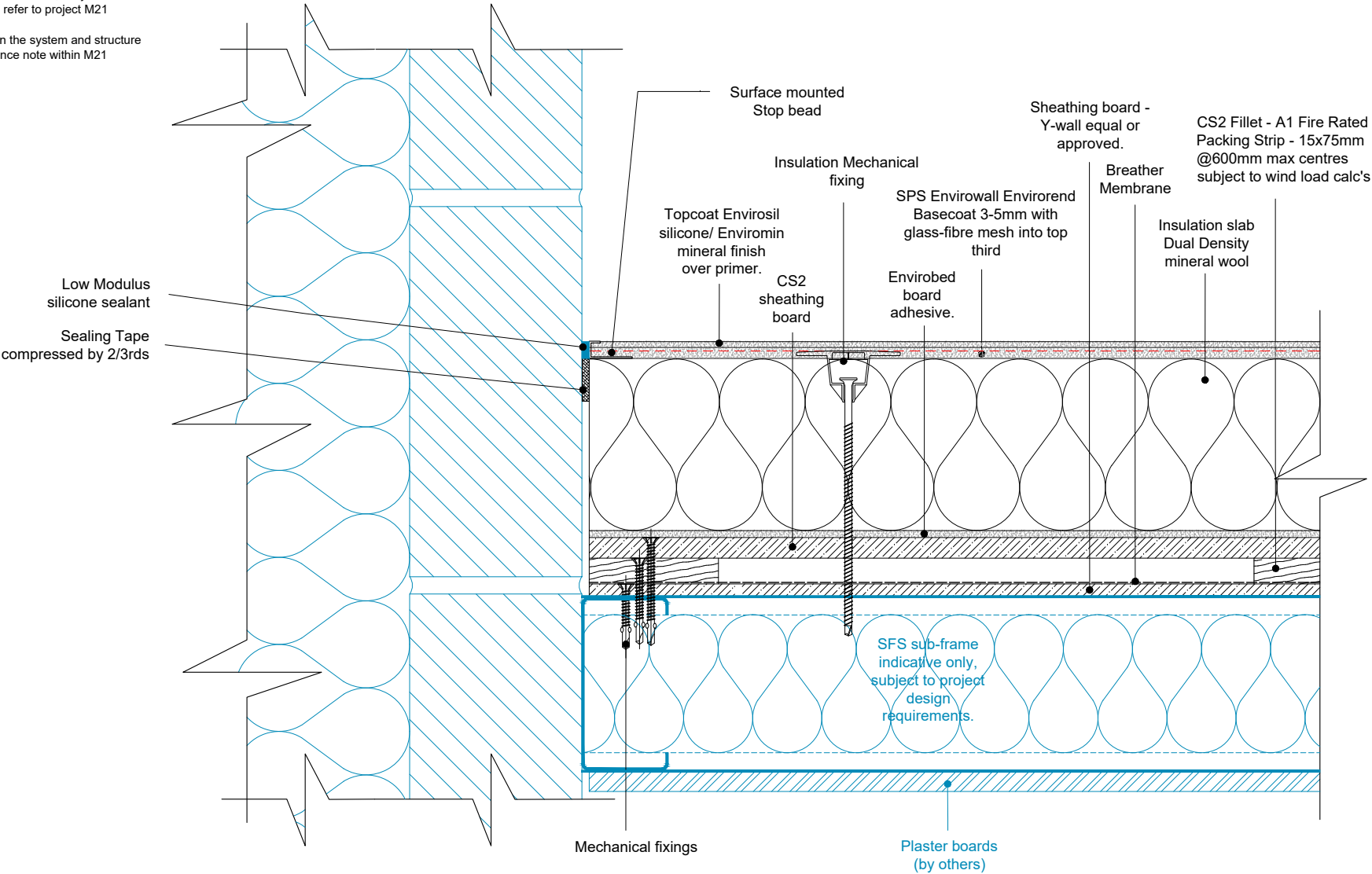
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4. Movement joint within the system and structure please refer to guidance note within M21 specification.



REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5213	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-R-06		DS
				DESCRIPTION:		NTS
				EXTERNAL CORNER		@A3
						DATE:
						Nov 22
						REV:
						A

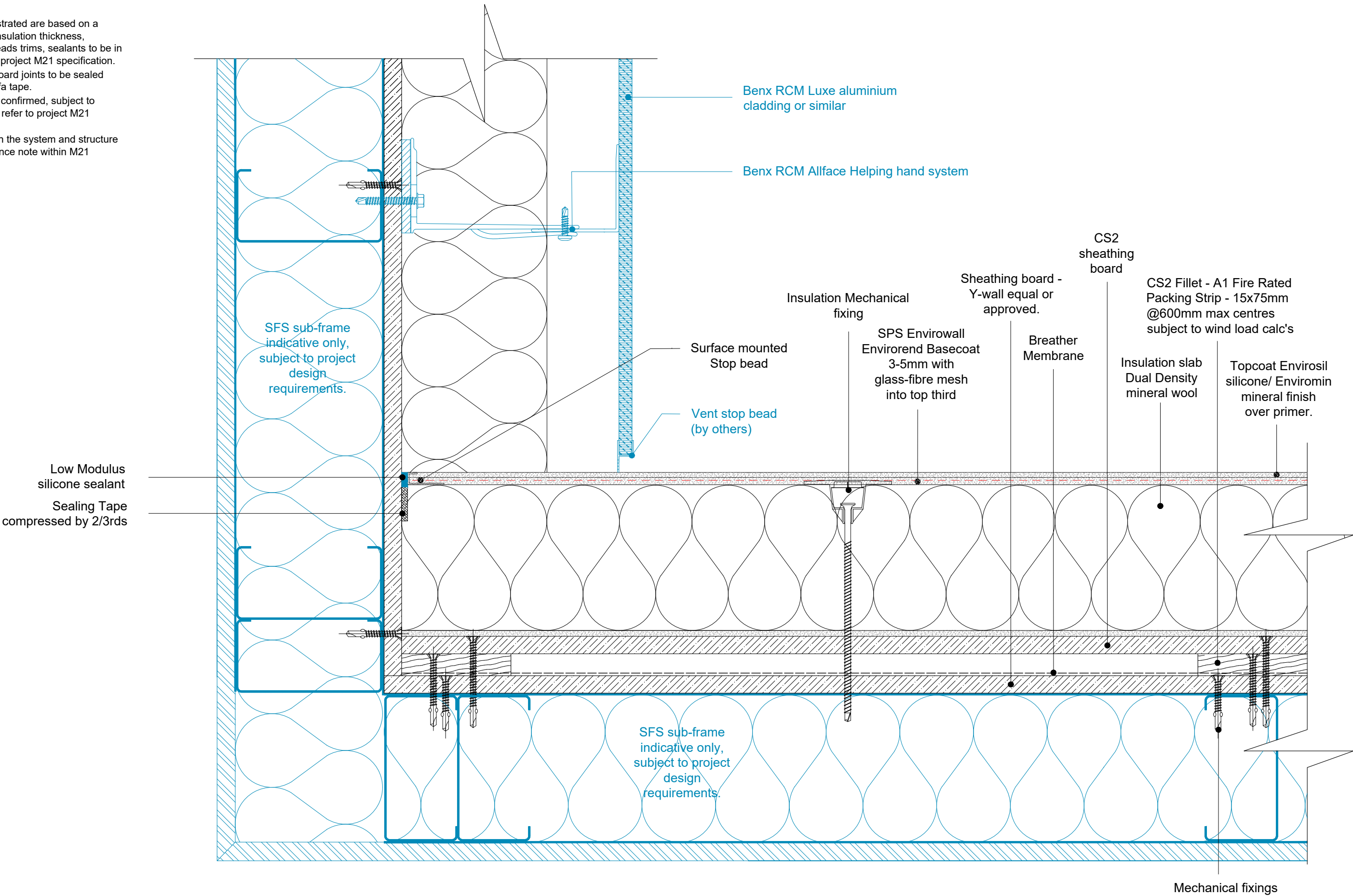
Note:

- 1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
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- 4. Movement joint within the system and structure please refer to guidance note within M21 specification.



REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5213	AG
				TYPICAL DETAILS CS2		DS
				DRAWING No: TD-CS2-SFS-MW-R-07		NTS @A3
				DESCRIPTION:		DATE:
				BRICK WORK ABUTMENT JOINT		Nov 22
						REV:
						A

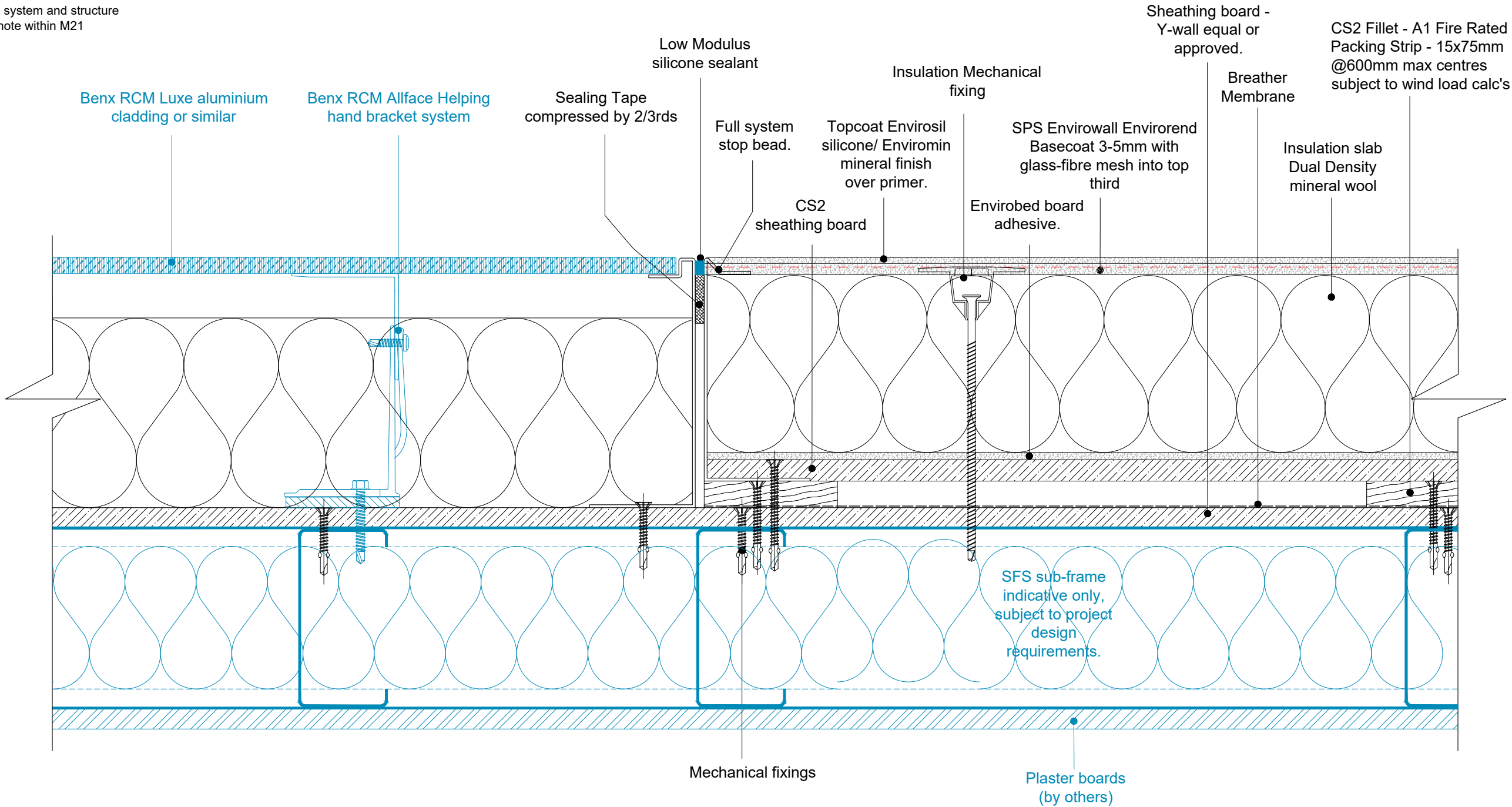
- Note:
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REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5213	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-R-08		DS
				DESCRIPTION:		NTS
				ABUTMENT JOINT WITH OTHER CLADDING		@A3
						DATE:
						Nov 22
						REV:
						A

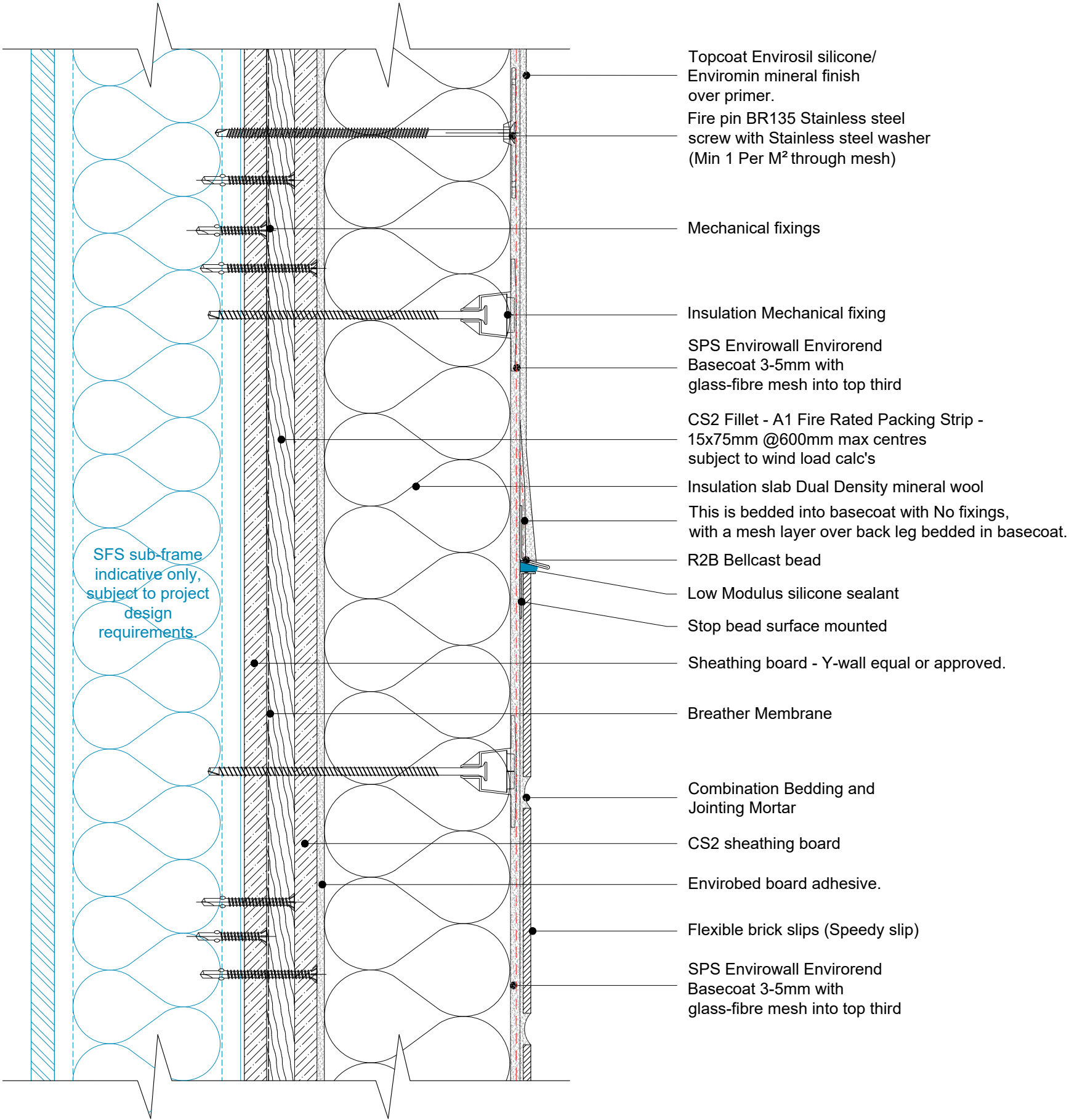
Note:

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4. Movement joint within the system and structure please refer to guidance note within M21 specification.



Note:

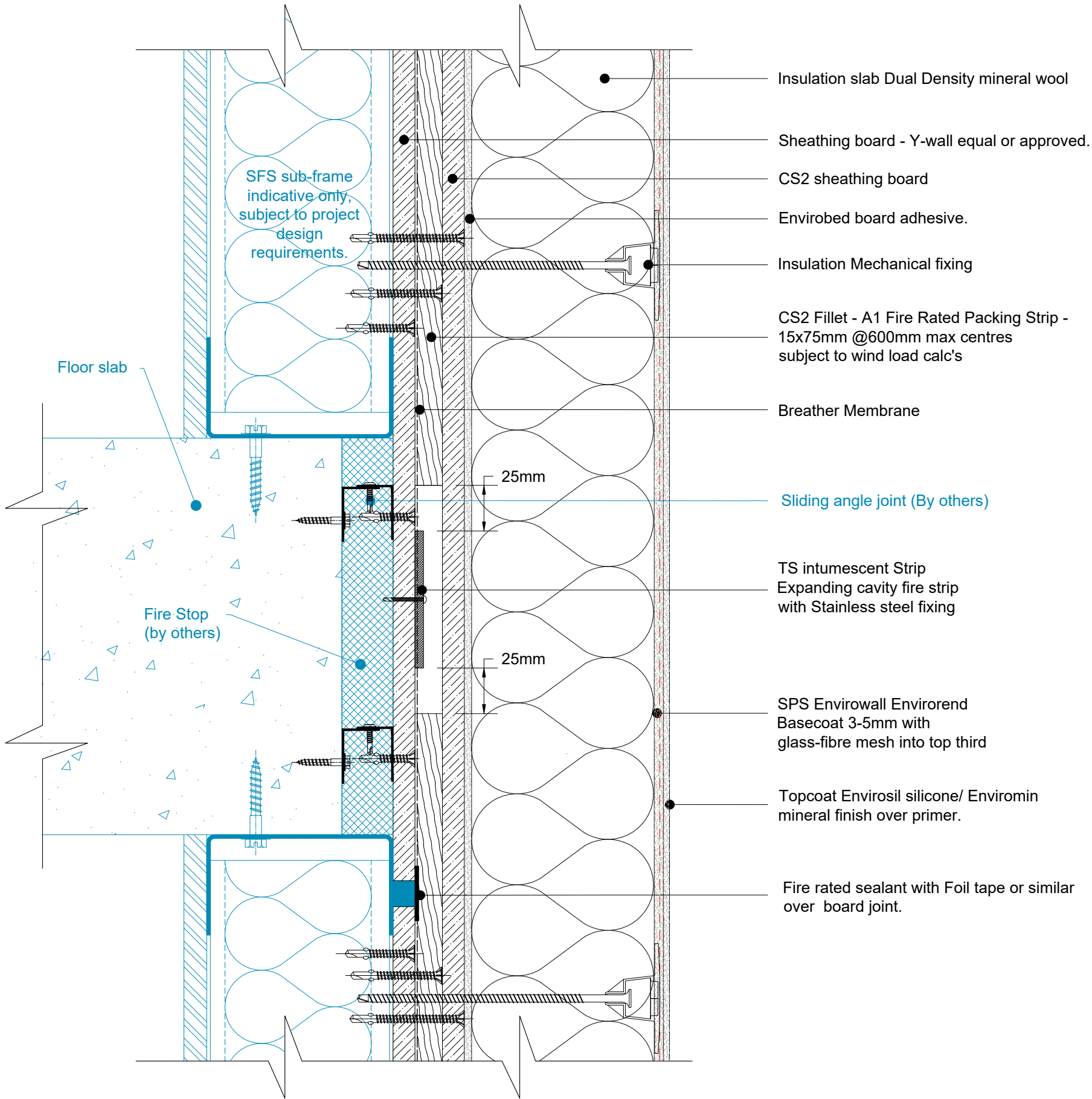
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- 4. Movement joint within the system and structure please refer to guidance note within M21 specification.



REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5213	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-R-10		DS
				DESCRIPTION:		NTS @A3
				HORIZONTAL CHANGE OF FINISH RENDER AND FLEXIBLE BRICK SLIP		DATE:
						Nov 22
						REV:
						A

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.
5. SFS Slotted head & stud track.
6. SFS to overhang slab no more than $\frac{1}{3}$ of depth of stud.
7. Sliding angle to allow variations in line and levels of slab edge, continuous support of EWI system

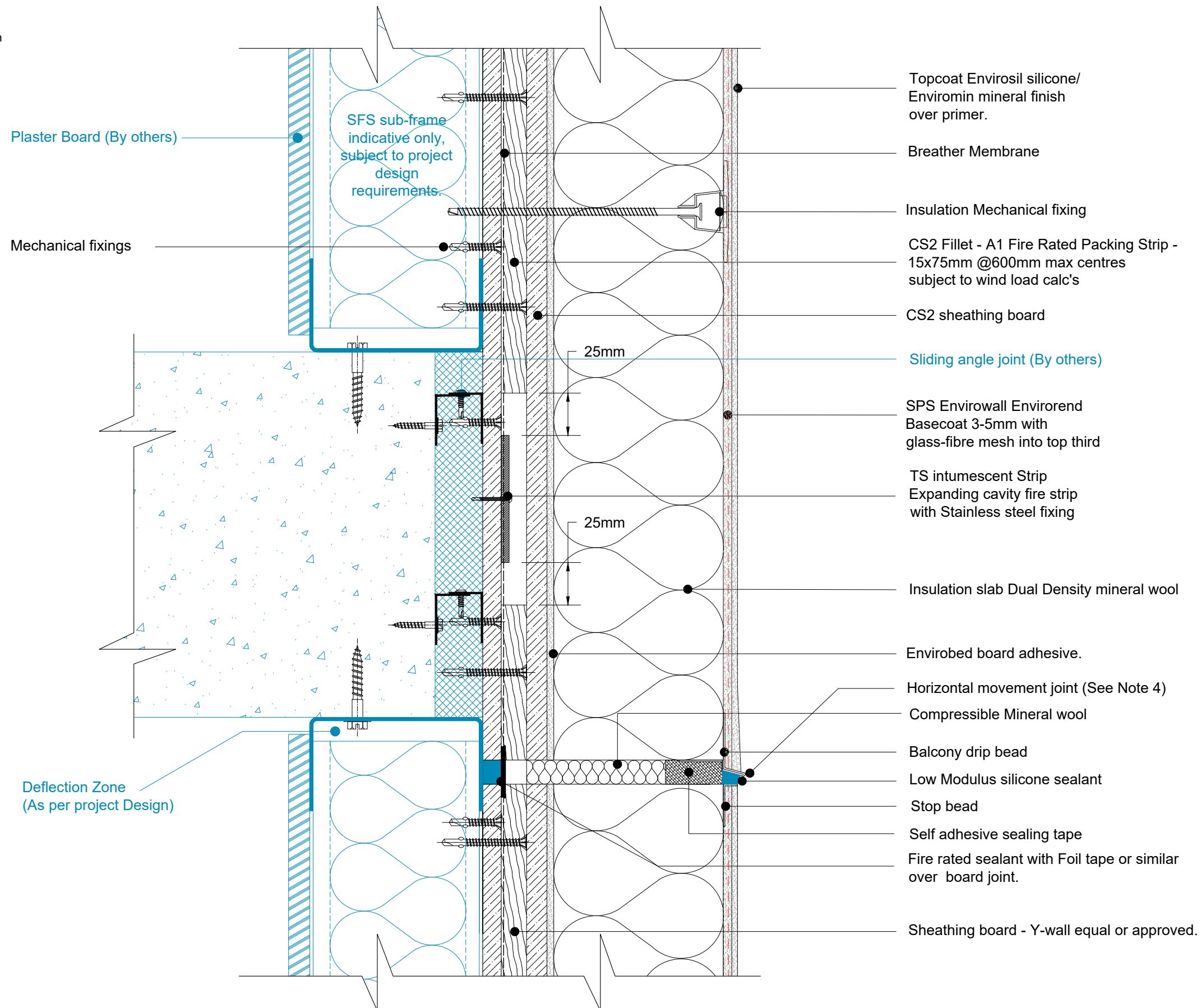


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All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received, which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5213	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-R-11		DS
				DESCRIPTION:		NTS
				FLOOR SLAB EDGE DETAIL WITH FIREBREAK, NO DEFLECTION ZONE		@A3
						DATE:
						Nov 22
						REV:
						A

1. The EWl system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.
5. SFS Slotted head & stud track.
6. SFS to overhang slab not more than $\frac{1}{3}$ of depth of stud.
7. Sliding angle to allow variations in line and levels of slab edge, continuous support of EWl system



REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN: AG
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5213	CHECK: DS
B	31/05/23	Movement joint note added	AG	TYPICAL DETAILS CS2		NTS @A3
				DRAWING No:	TD-CS2-SFS-MW-R-12	DATE: Nov 22
				DESCRIPTION:	RECESSED SLAB EDGE WITH MOVEMENT JOINT	REV: B

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.
5. SFS Slotted head & stud track.
6. SFS to overhang slab no more than $\frac{1}{3}$ of depth of stud.
7. Sliding angle to allow variations in line and levels of slab edge, continuous support of EWI system

SFS sub-frame
indicative only,
subject to project
design
requirements.

Deflection Zone
(As per project Design)

- Sheathing board - Y-wall equal or approved.



benx
the future of façades

sps envirowall
GREEN FACADES EXPERTISE

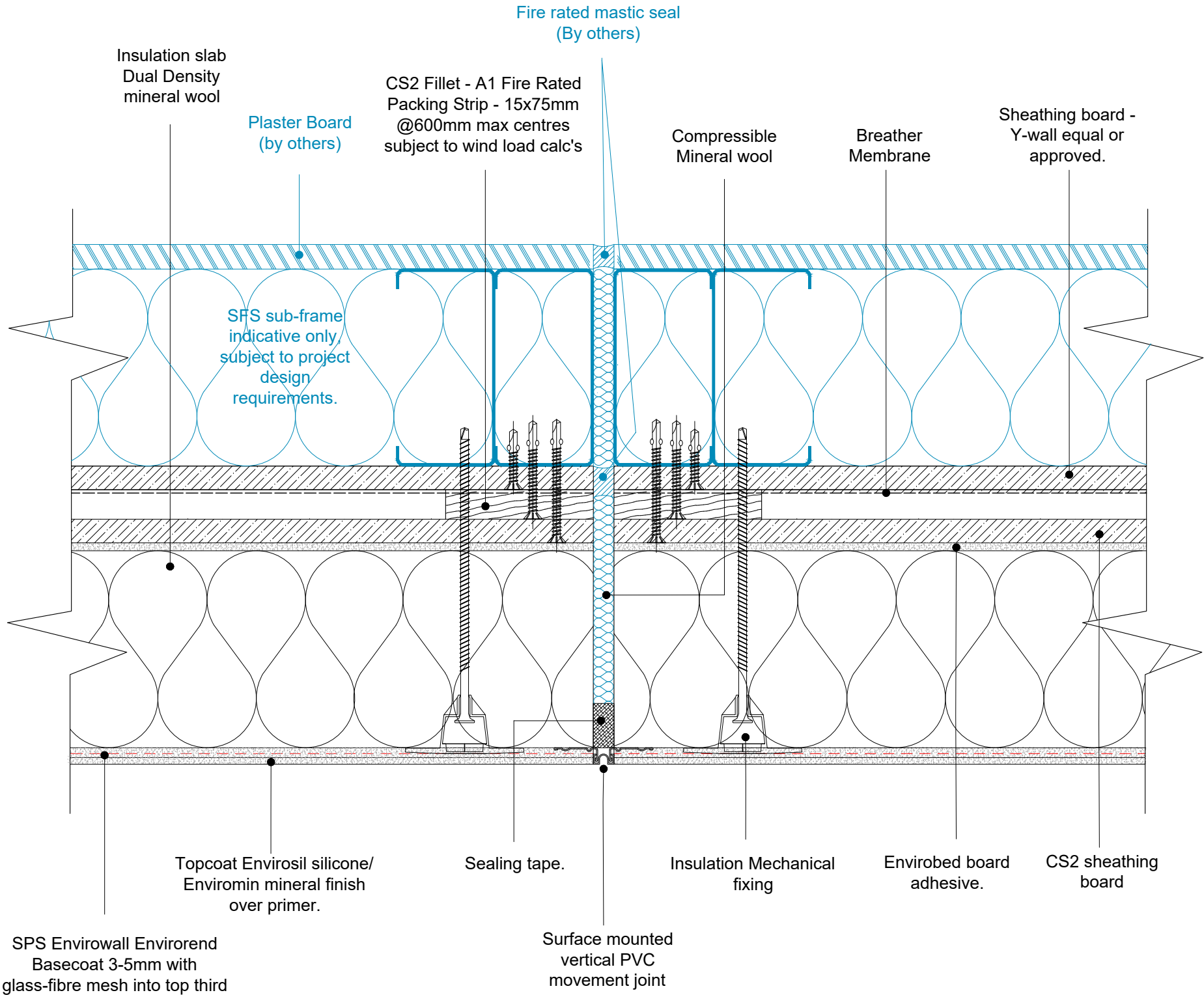
RCM
RESEARCH CENTRE FOR MATERIALS

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REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN: AG
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5213	CHECK: DS
B	31/05/23	Movement joint note added	AG	TYPICAL DETAILS CS2		NTS @A3
				DRAWING No:	TD-CS2-SFS-MW-R-13	DATE: Nov 22
				DESCRIPTION:	FLUSH FLOOR SLAB EDGE DETAIL WITH MOVEMENT JOINT	REV: B

Note:

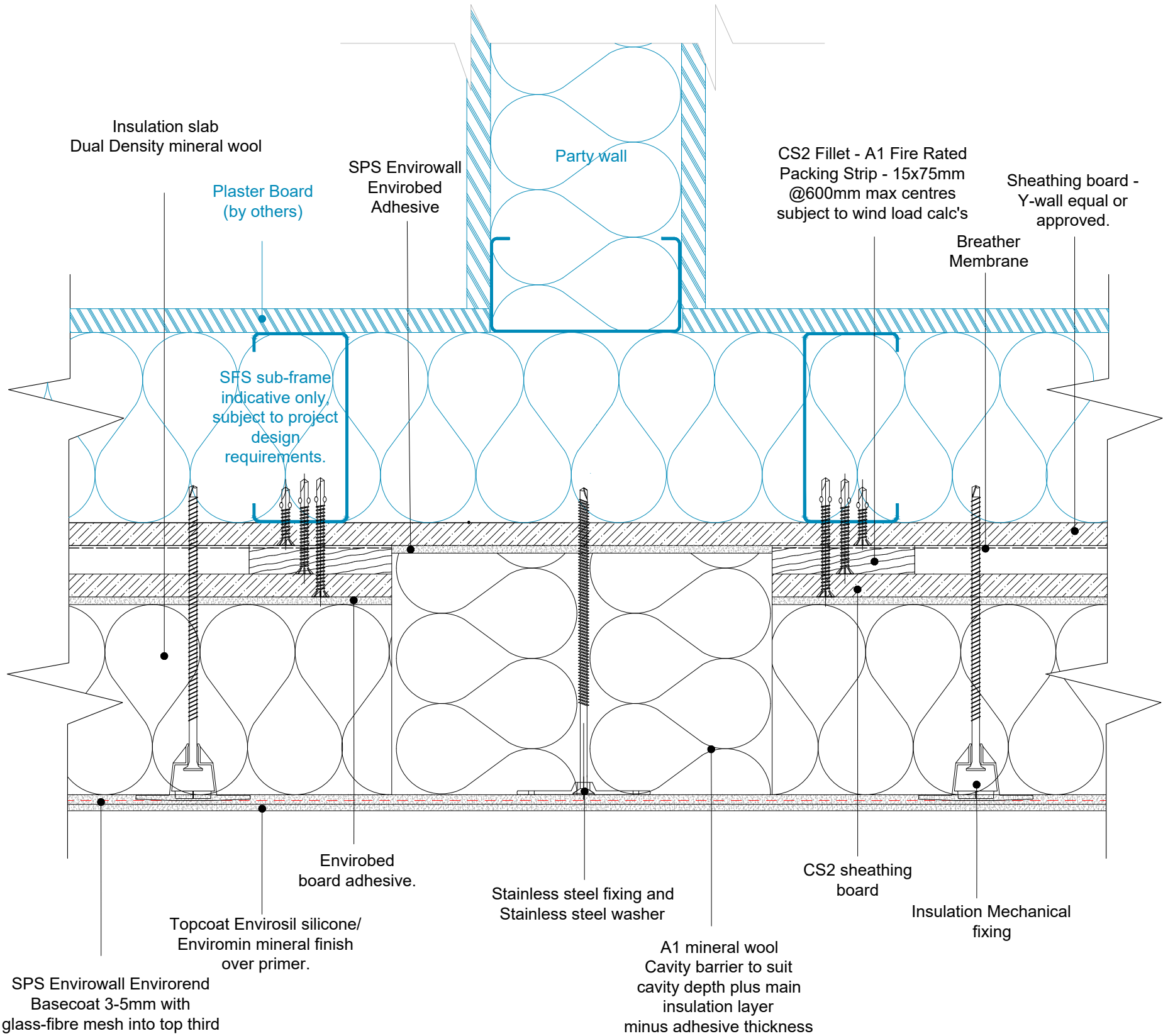
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- 2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
- 3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
- 4. Movement joint within the system and structure please refer to guidance note within M21 specification.



REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5213	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-R-14		DS
				DESCRIPTION:		NTS
				VERTICAL MOVEMENT JOINT		@A3
						DATE:
						Nov 22
						REV:
						A

Note:

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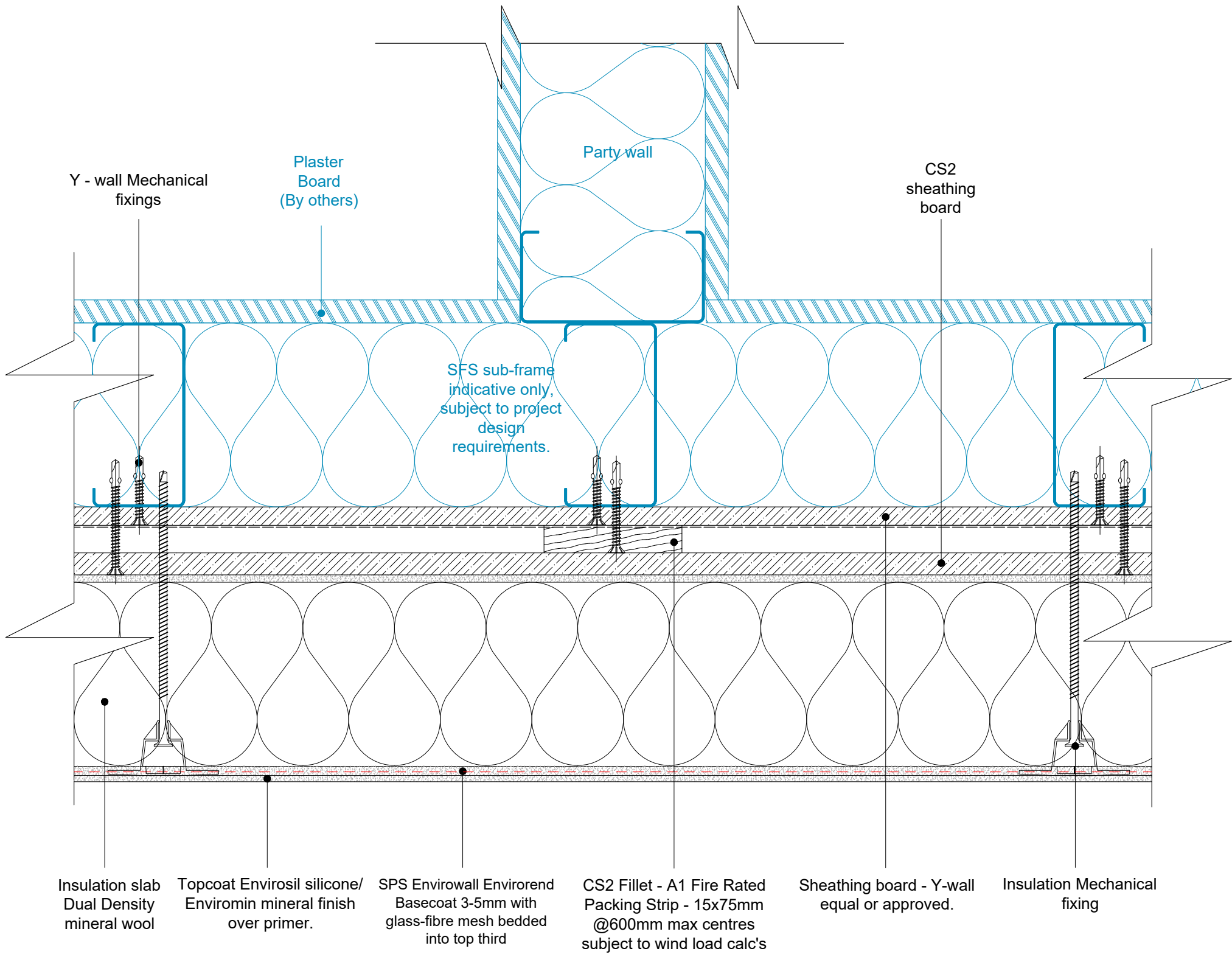
Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

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REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5213	AG
B	18/04/23	Party wall added to detail.	AG	TYPICAL DETAILS CS2		CHECK: DS
				DRAWING No: TD-CS2-SFS-MW-R-15		NTS @A3
				DESCRIPTION: VERTICAL FIRE BARRIER AT PARTY WALL COMPARTMENT JUNCTION		DATE: Nov 22
						REV: B

Note:

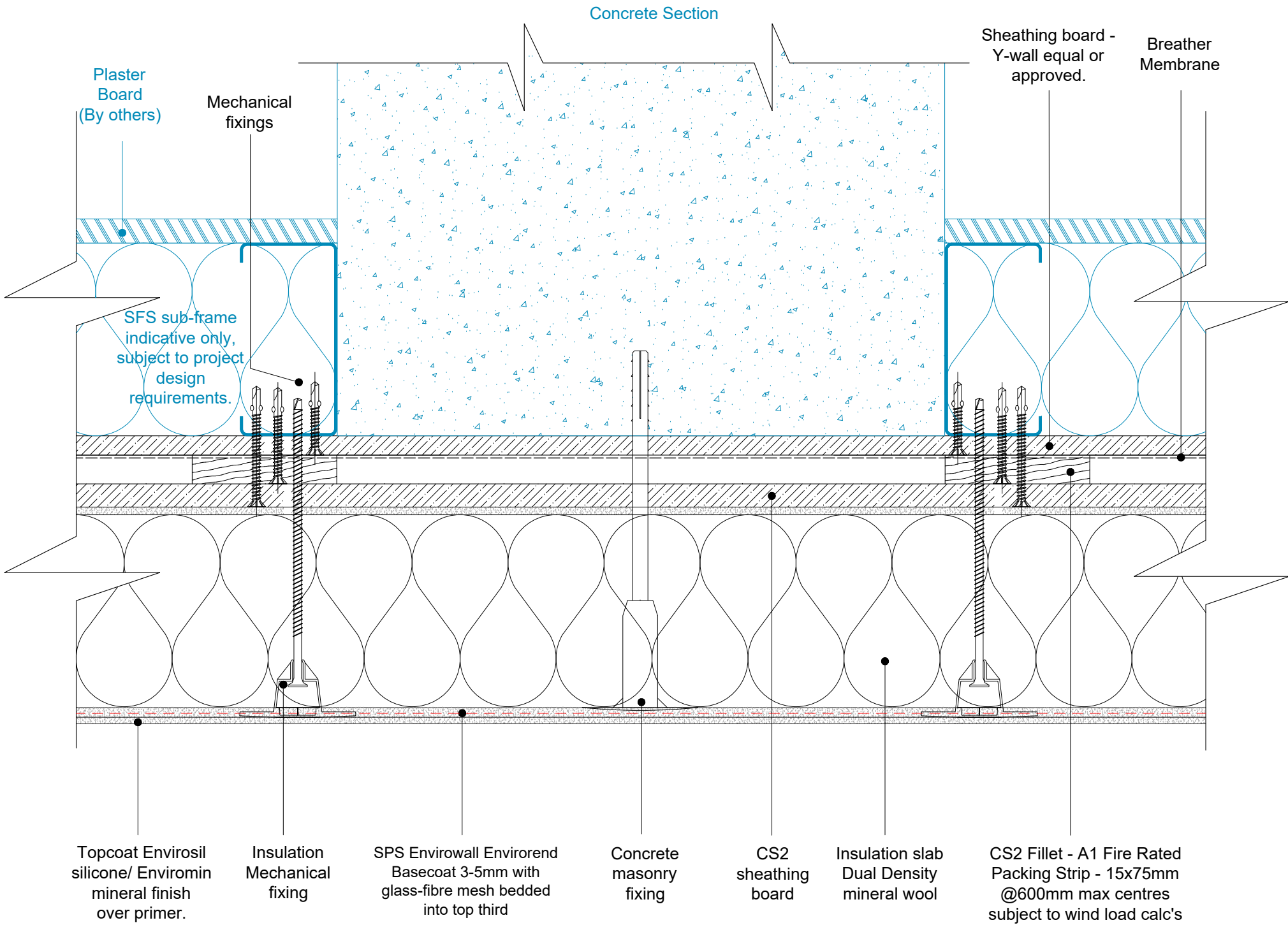
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2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.
5. SFS Slotted head & stud track.
6. Variations in line and level of slab taken up with fire stop material.



REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5213	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-R-16		DS
				DESCRIPTION:		NTS
				PLAN DETAIL AT PARTY WALL JUNCTION		@A3
						DATE:
						Nov 22
						REV:
						A

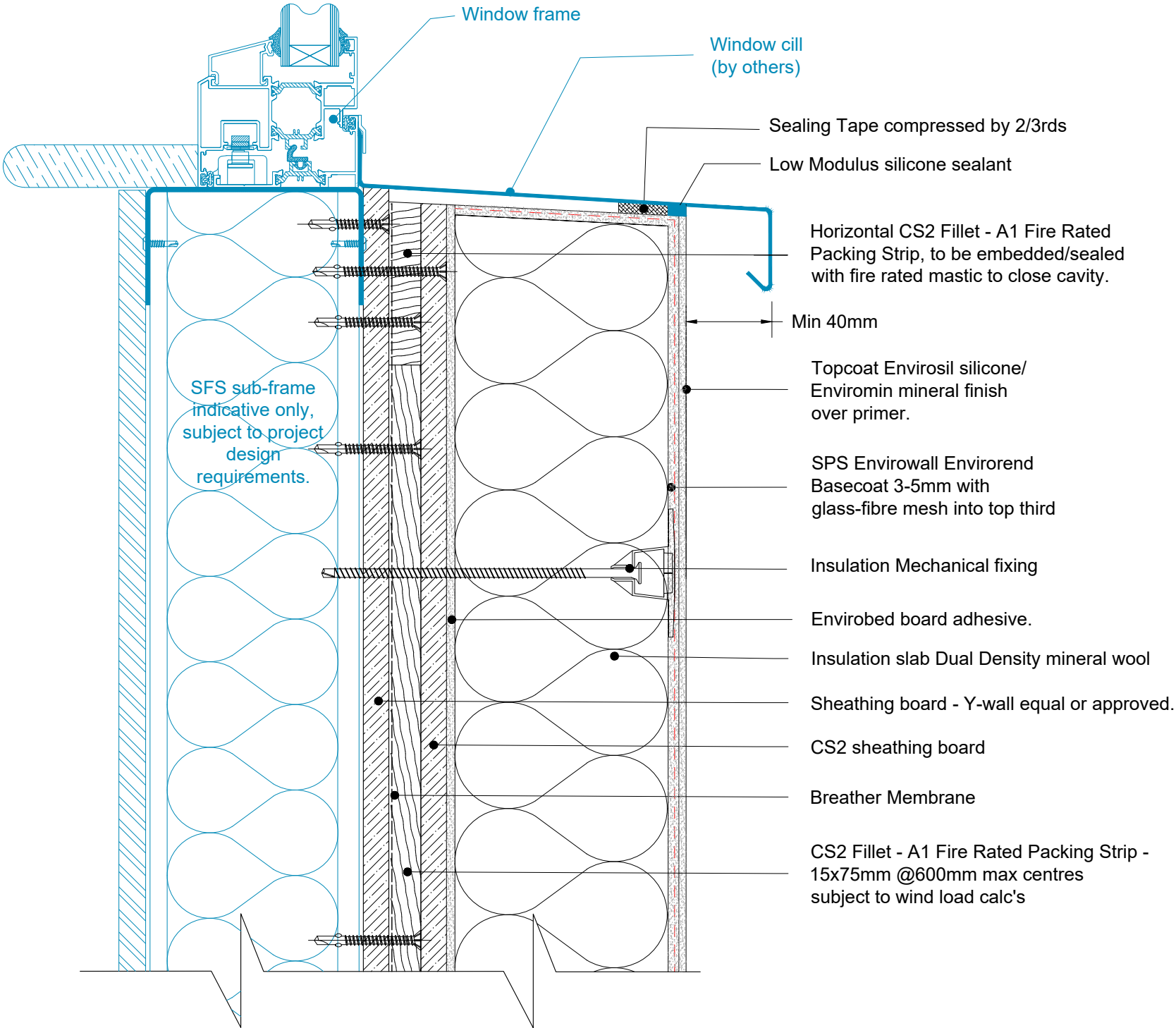
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4. Movement joint within the system and structure please refer to guidance note within M21 specification.
5. SFS Slotted head & stud track.
6. SFS to overhang slab no more than $\frac{1}{3}$ of depth of stud.
7. Variations in line and level of slab taken up with fire stop material.



Note:

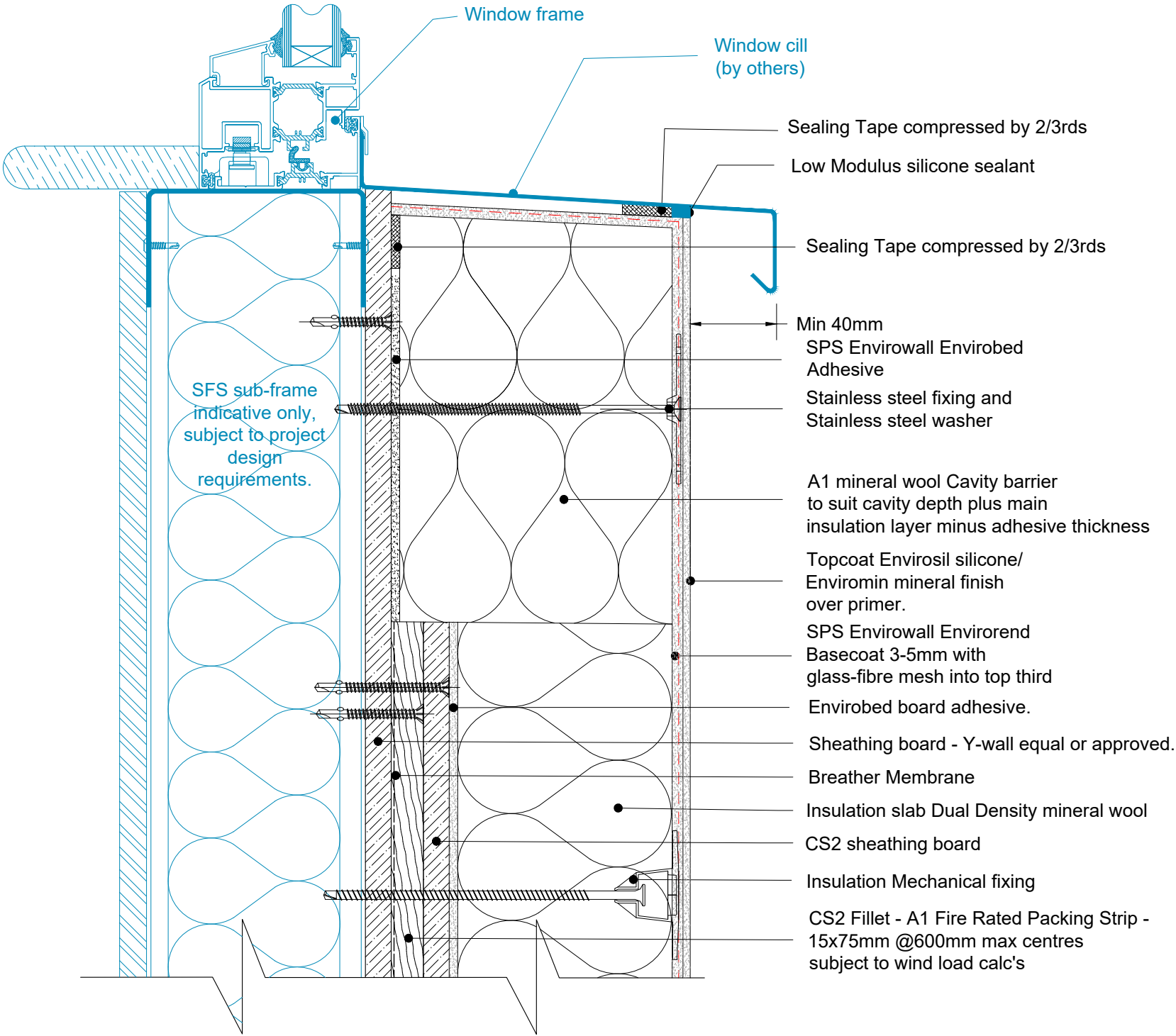
1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.
5. Air tightness and sealant detail between window / door to sheathing board / structure by others.



REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5213	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-R-18		DS
				DESCRIPTION:		NTS
				WINDOW CILL WITH CS2 A1 FILLET CAVITY CLOSURE		@A3
						DATE:
						Nov 22
						REV:
						A

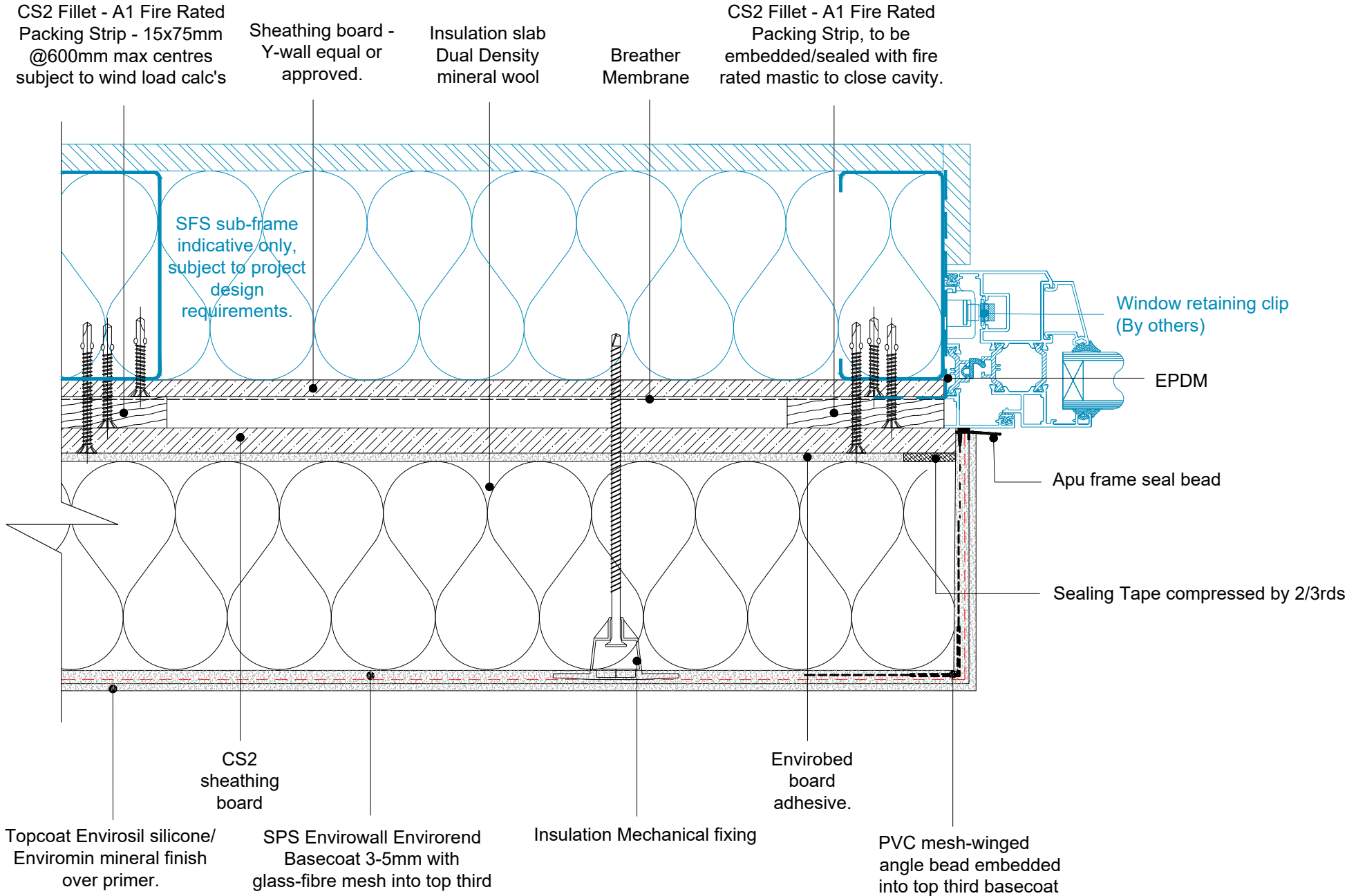
Note:

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Note:

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5. Air tightness and sealant detail between window / door to sheathing board / structure by others.



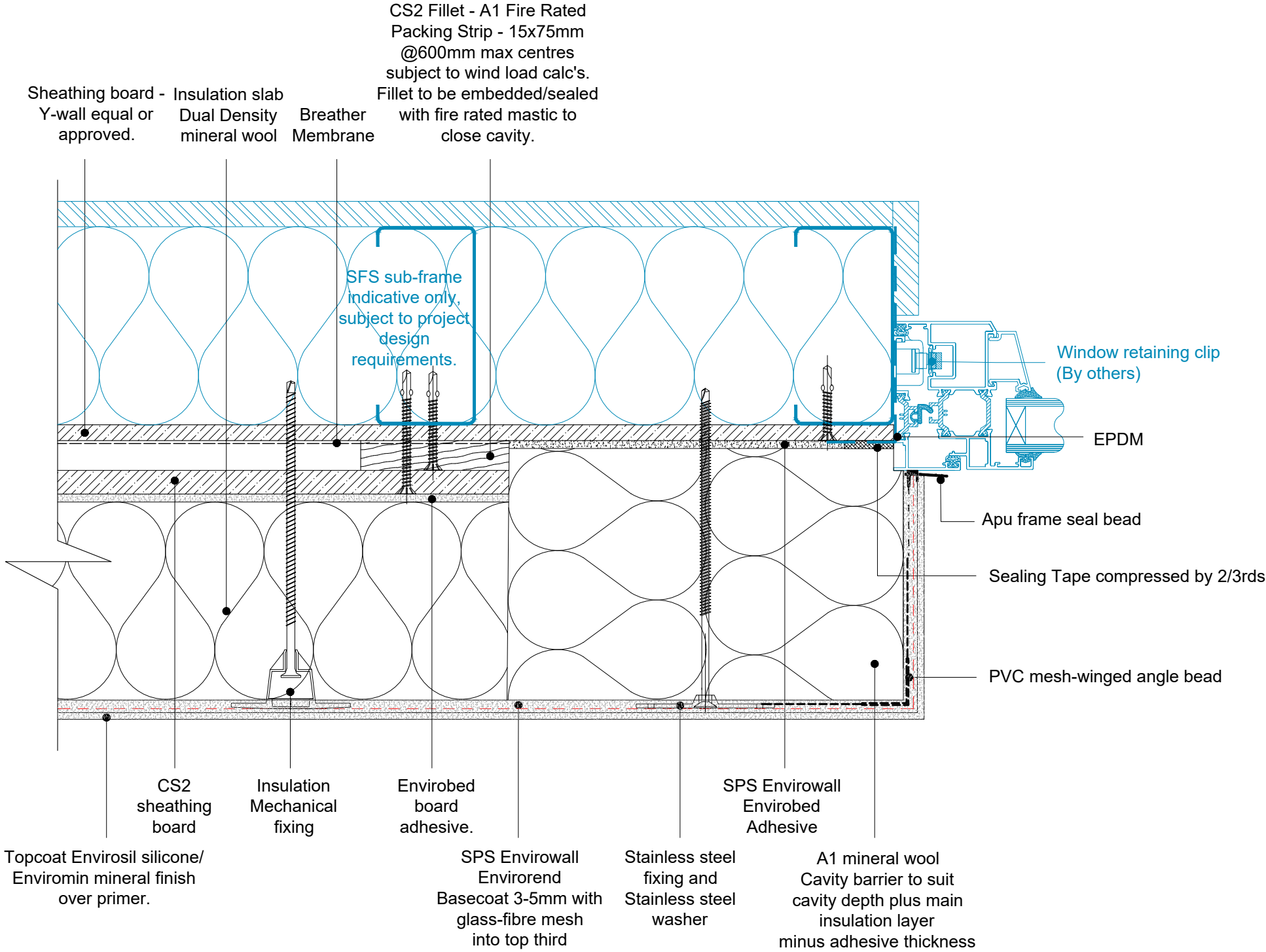
Benx Ltd, Lonsdale Chambers,
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Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

All performance data & systems specifications are for systems constructed with materials & components as shown. The inclusion or substitution of any other manufactures materials or components invalidates both test data, system performance and compliance with CDM 2015. The information is provided and based upon details received, which are assumed to include all the relevant facts and data. While it is believed to be correct, we accept no liability for its accuracy, adequacy or completeness. Recipients must satisfy themselves as to its suitability as we do not accept responsibility for any claims or consequential loss. Acceptance of the content and subsequent design responsibility rests entirely with the recipients. Any subsequent design changes that affect the detail which we are not informed of in a written format will void this detail. None of the content may be copied without the prior approval from the Benx Group Technical Services Department. This statement should be read in conjunction with the standard terms and conditions of Benx Group.

REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5213	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-R-20		DS
				DESCRIPTION:		NTS
				WINDOW REVEAL WITH CS2 A1 FILLET CAVITY CLOSURE		@A3
						DATE:
						Nov 22
						REV:
						A

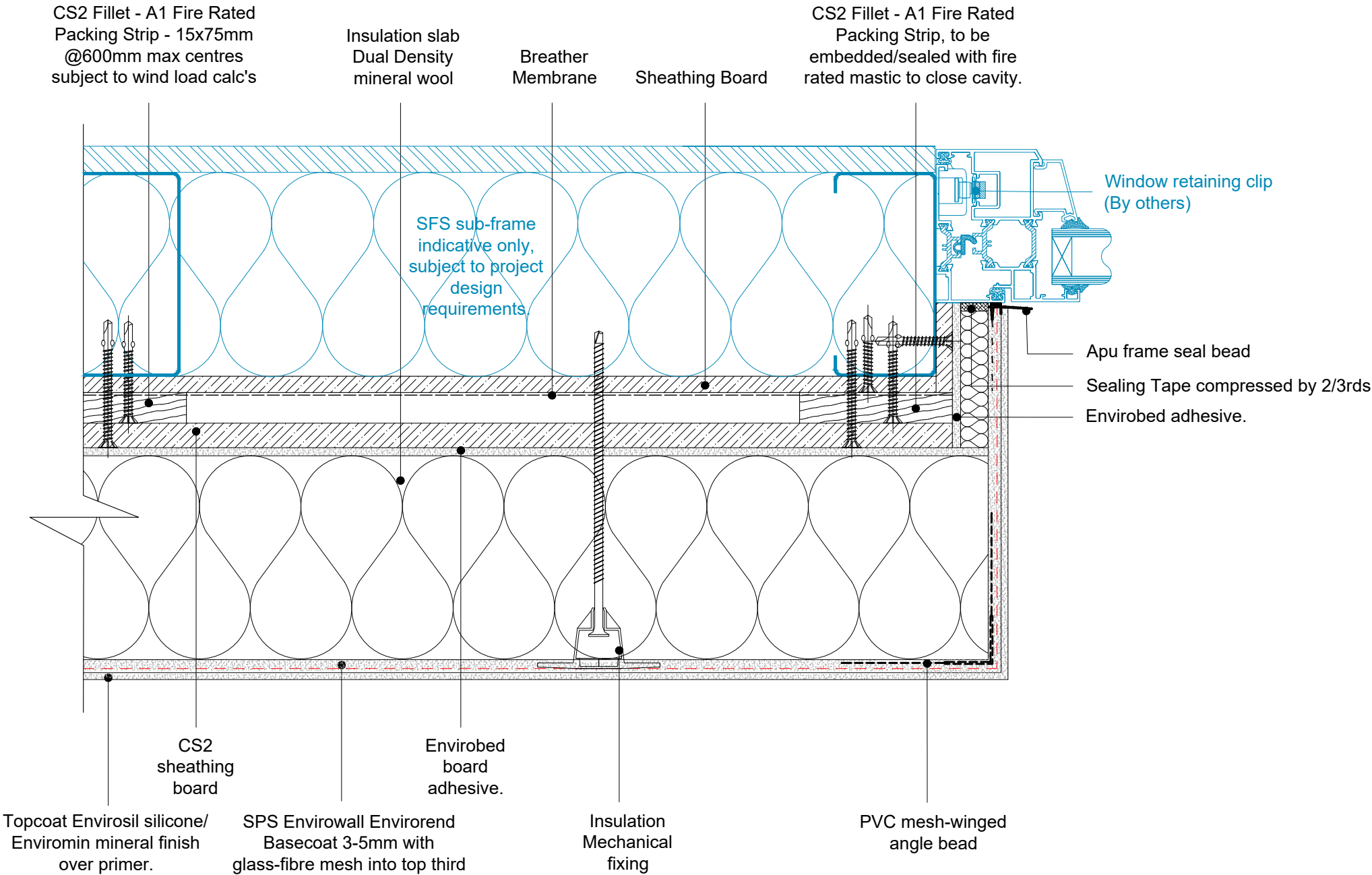
Note:

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5. Air tightness and sealant detail between window / door to sheathing board / structure by others.



Note:

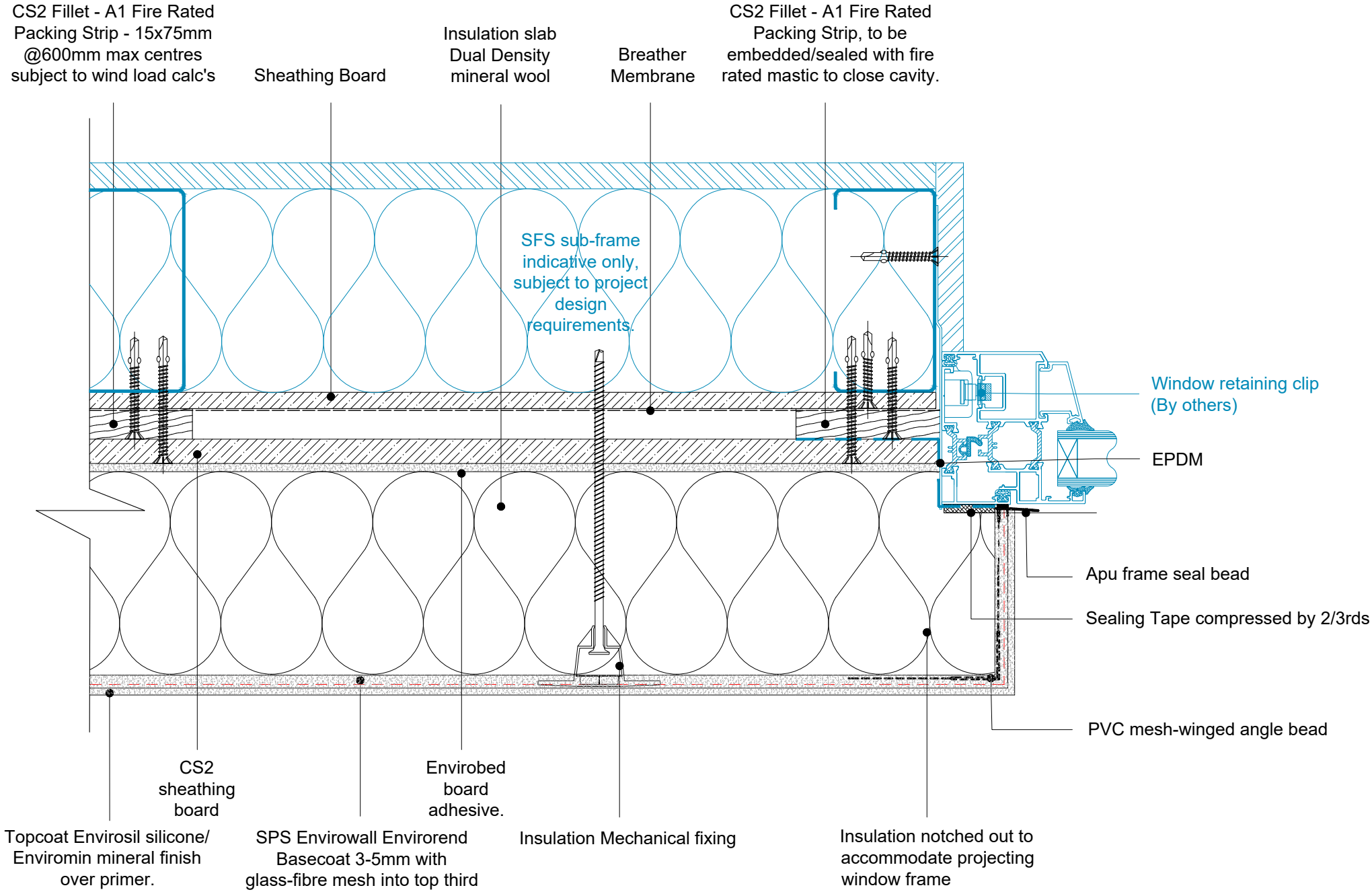
1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
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5. Air tightness and sealant detail between window / door to sheathing board / structure by others.



REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5213	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-R-22		DS
				DESCRIPTION:		NTS
				WINDOW REVEAL WITH WINDOW SET BACK		@A3
						DATE:
						Nov 22
						REV:
						A

Note:

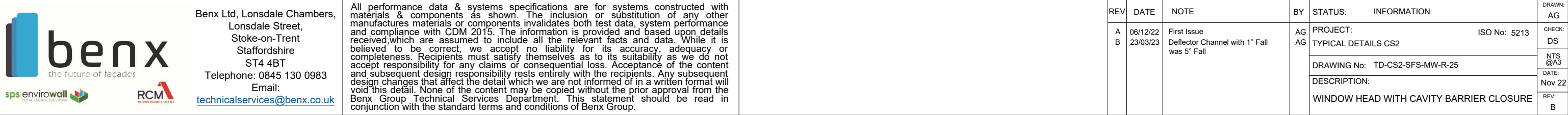
1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
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4. Movement joint within the system and structure please refer to guidance note within M21 specification.
5. Air tightness and sealant detail between window / door to sheathing board / structure by others.

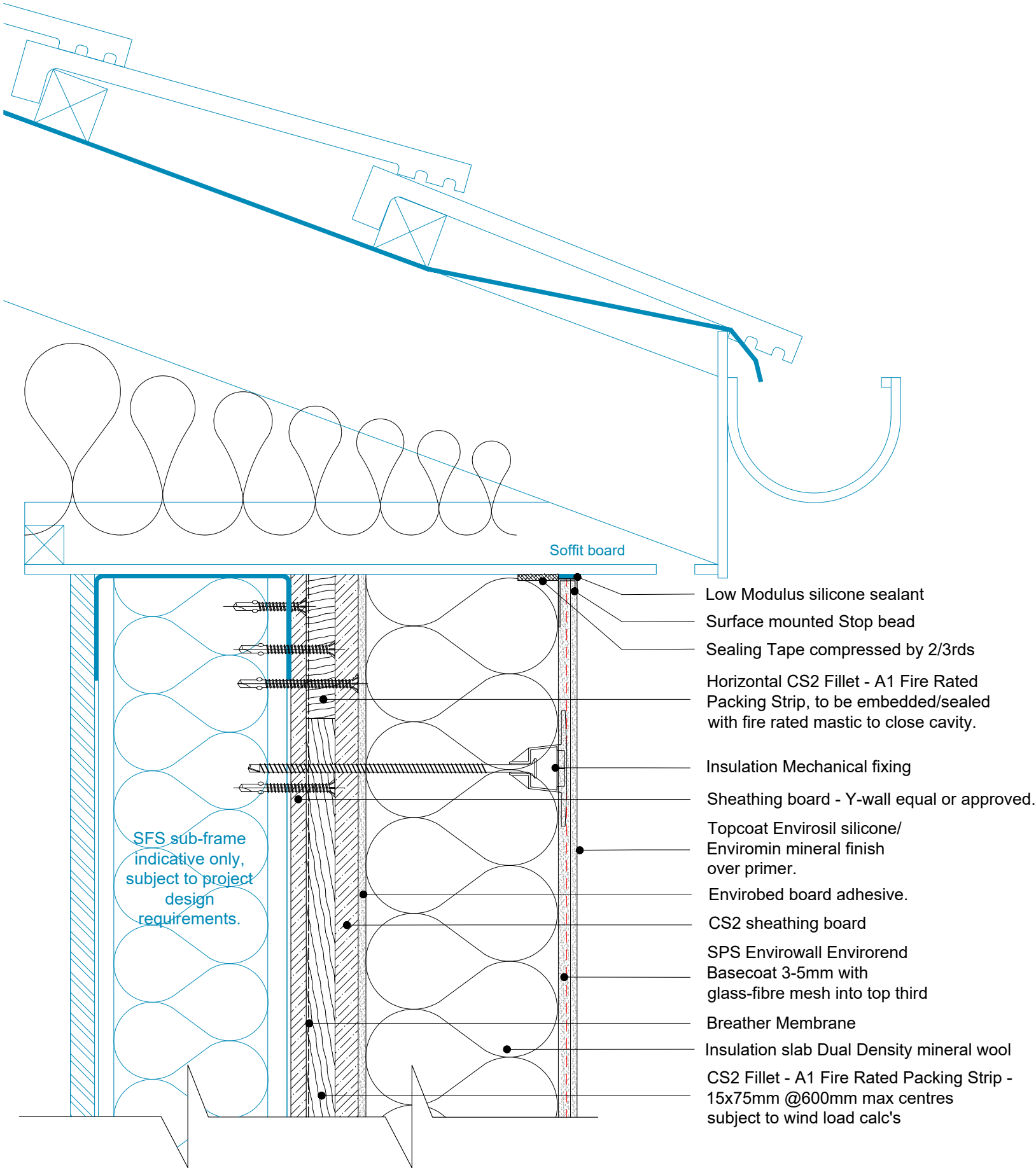


1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
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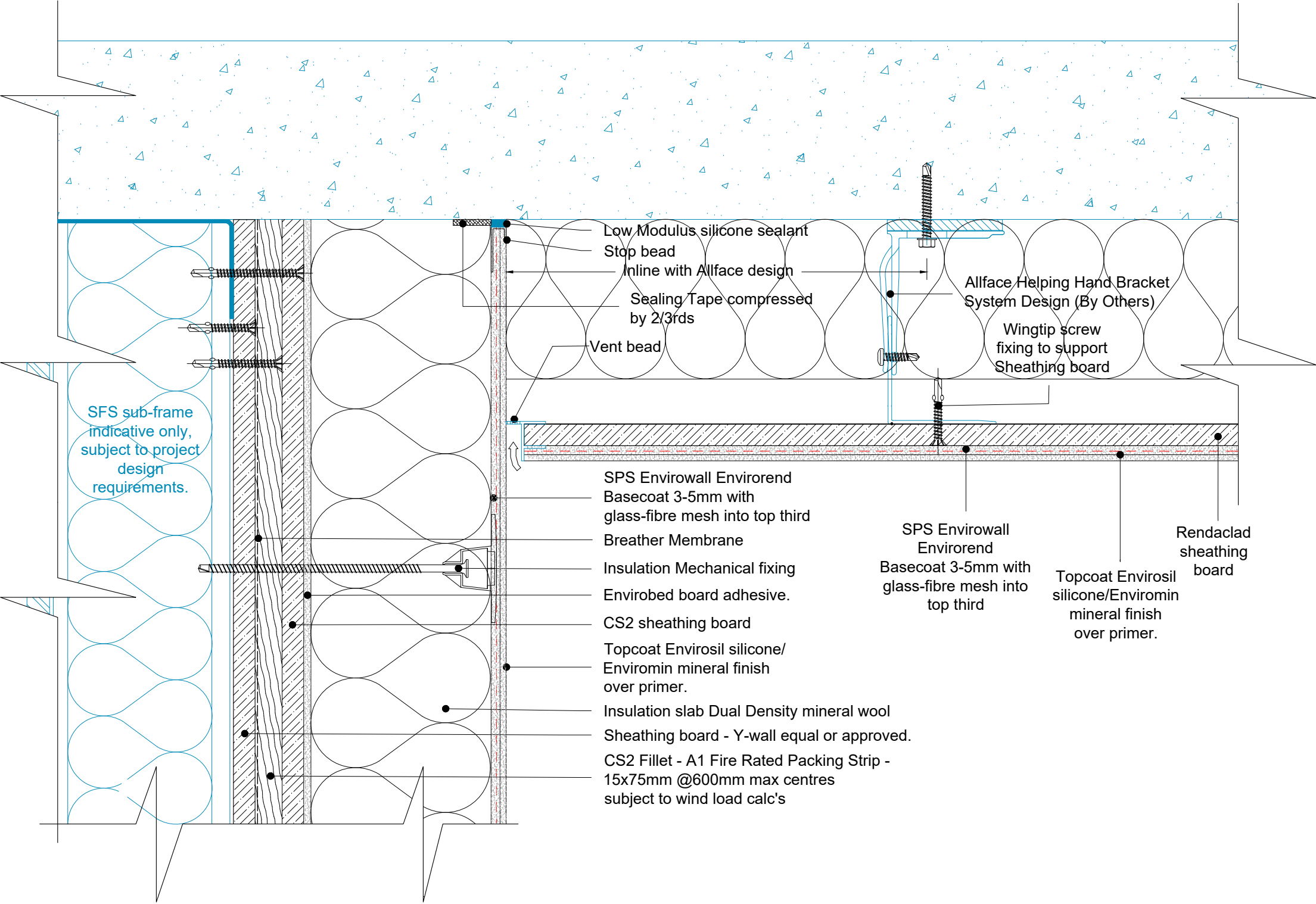
Note:

- 1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
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- 4. Movement joint within the system and structure please refer to guidance note within M21 specification.



REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5213	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-R-26		DS
				DESCRIPTION:		NTS
				SOFFIT DETAIL		@A3
						DATE:
						Nov 22
						REV:
						A

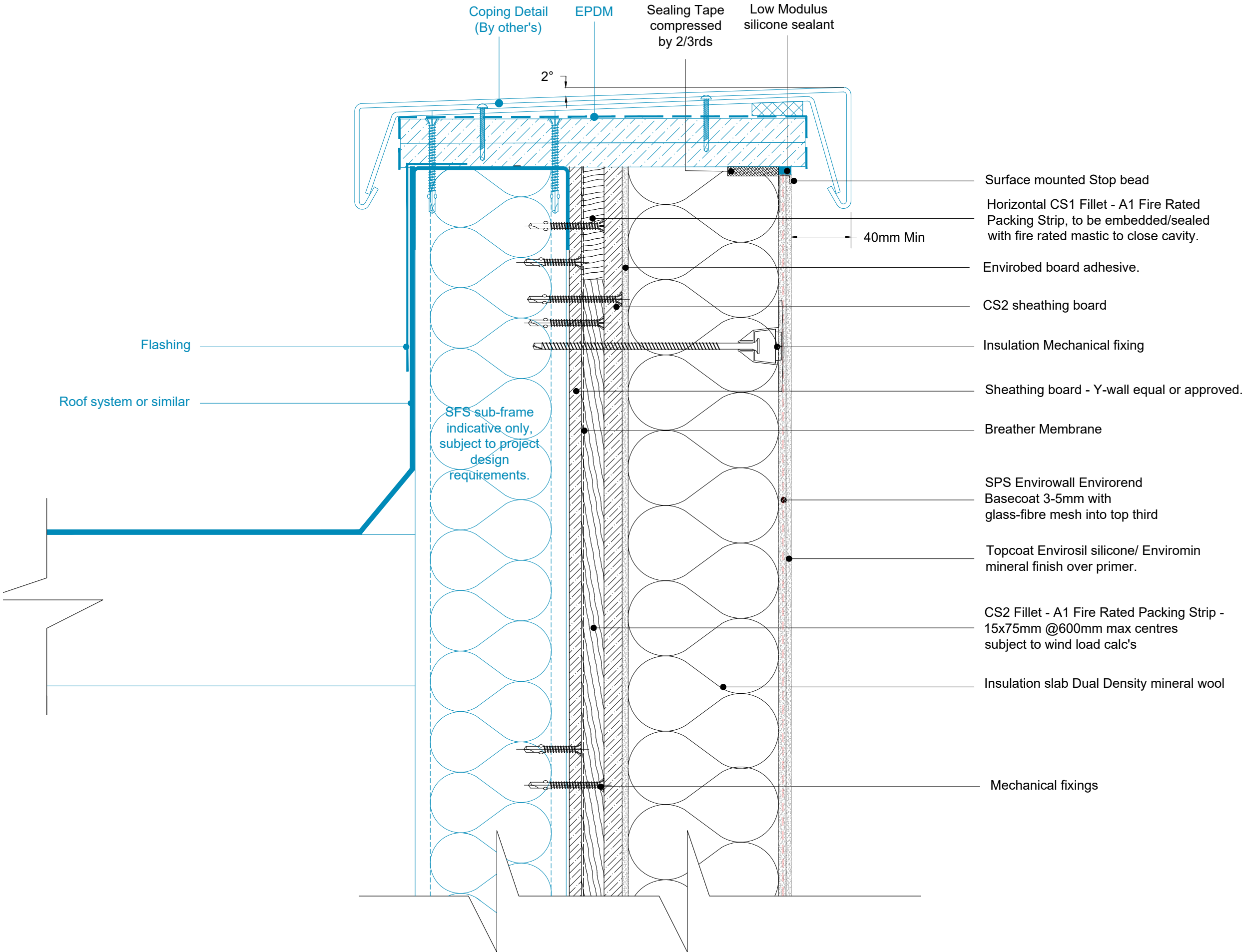
- Note:
- 1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
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REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5213	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-R-27		DS
				DESCRIPTION:		NTS @A3
				SUSPENDED SOFFIT DETAIL		DATE:
						Nov 22
						REV:
						A

Note:

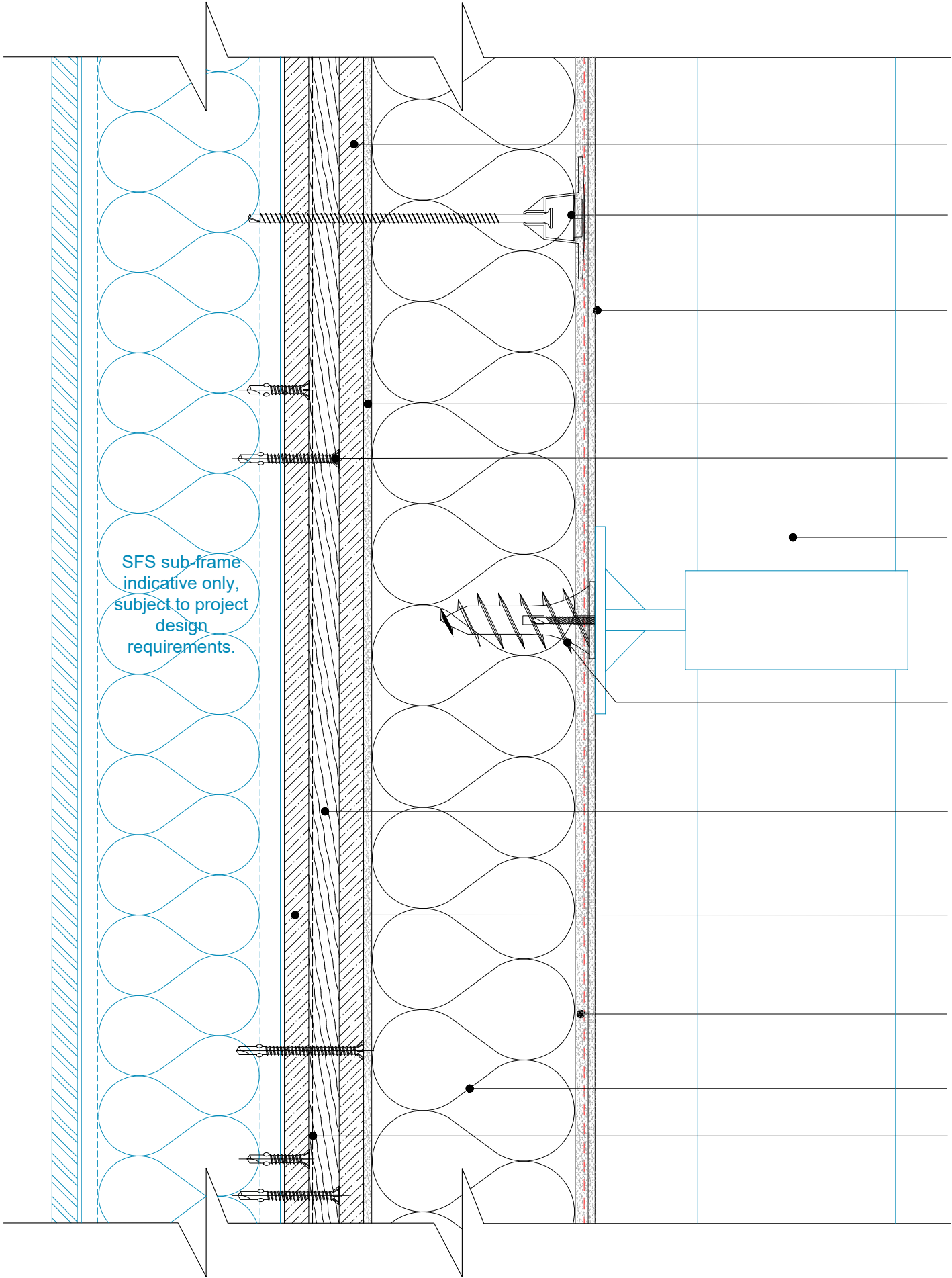
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4. Movement joint within the system and structure please refer to guidance note within M21 specification.



REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5213	AG
B	18/04/23	Horizontal CS1 Fillet - A1 Fire Rated added at top	AG	TYPICAL DETAILS CS2		CHECK: DS
				DRAWING No:	TD-CS2-SFS-MW-R-28	NTS @A3
				DESCRIPTION:	COPING DETAIL	DATE: Nov 22
						REV: B

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Movement joint within the system and structure please refer to guidance note within M21 specification.



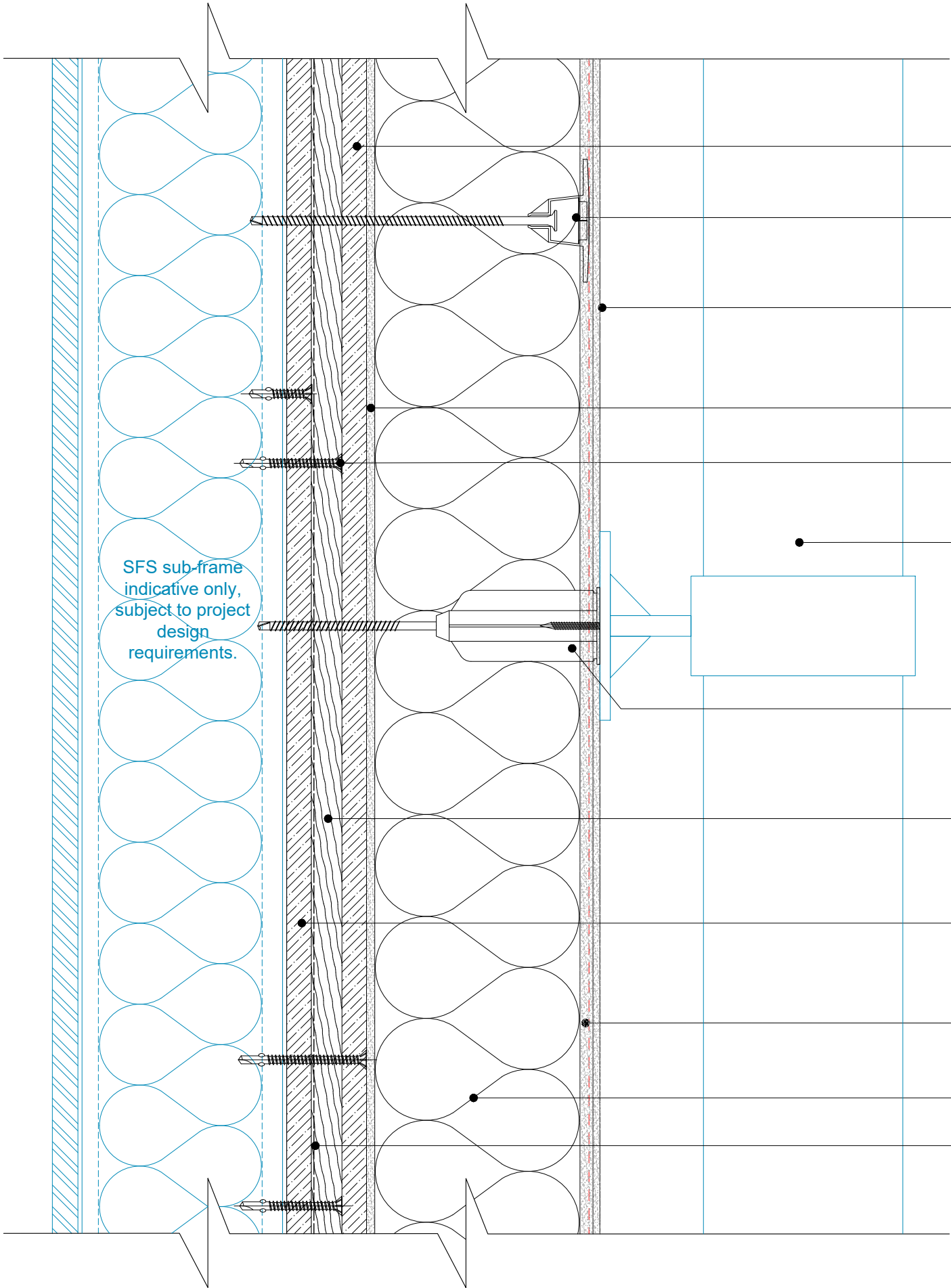
Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
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Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

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REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5213	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-R-29		DS
				DESCRIPTION:		NTS
				LIGHT WEIGHT ATTACHMENT FIXING DETAIL (OPT 1)		@A3
						DATE:
						Nov 22
						REV:
						A

Note:

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4. Movement joint within the system and structure please refer to guidance note within M21 specification.



CS2 sheathing board

Insulation Mechanical fixing

Topcoat Envirosil silicone/
Enviromin mineral finish
over primer.

Envirobed board adhesive.

Mechanical fixings

Rain water pipe.

Install E-jot Dart fixing into system with
additional stainless steel screw
(Up to 10kg Max Weight Load)

CS2 Fillet - A1 Fire Rated Packing Strip -
15x75mm @600mm max centres
subject to wind load calc's

Sheathing board - Y-wall equal or approved.

SPS Envirowall Envirorend
Basecoat 3-5mm with
glass-fibre mesh into top third

Insulation slab Dual Density mineral wool

Breather Membrane



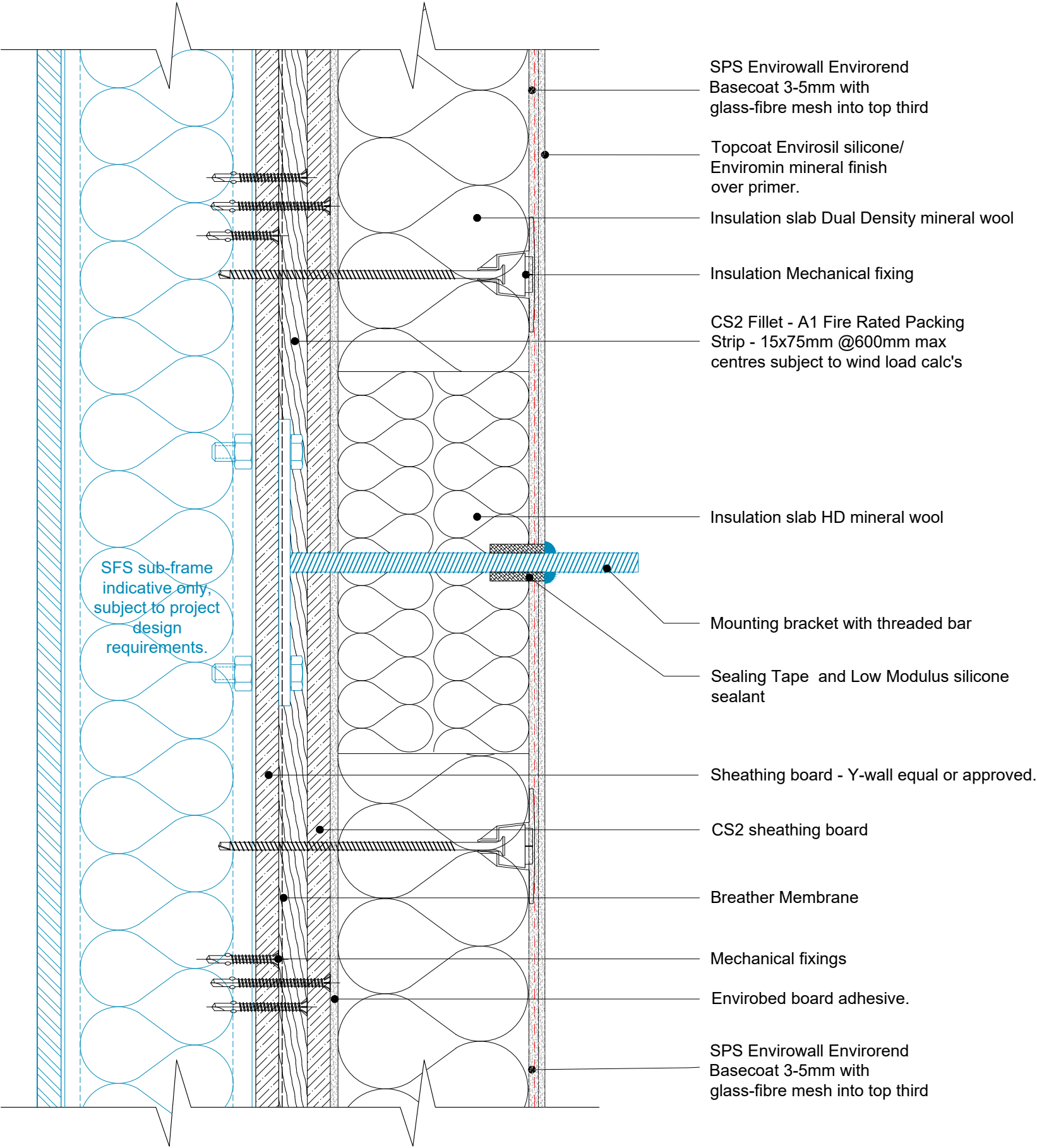
Benx Ltd, Lonsdale Chambers,
Lonsdale Street,
Stoke-on-Trent
Staffordshire
ST4 4BT
Telephone: 0845 130 0983
Email:
technicalservices@benx.co.uk

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A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5213	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-R-30		DS
				DESCRIPTION:		NTS
				MEDIUM WEIGHT ATTACHMENT FIXING DETAIL (OPT 2)		@A3
						DATE:
						Nov 22
						REV:
						A

Note:

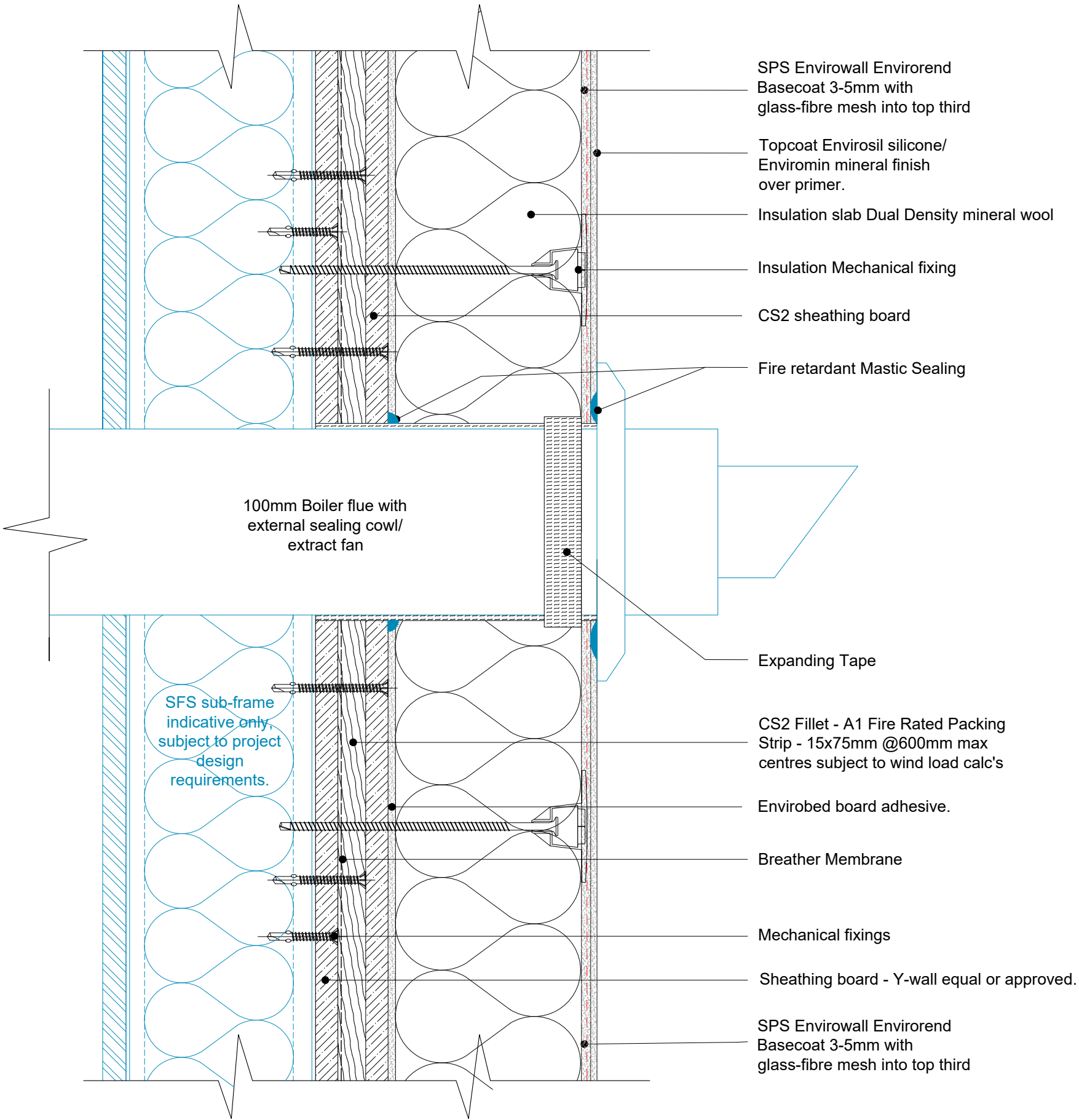
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REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5213	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-R-31		DS
				DESCRIPTION:		NTS
				HEAVY DUTY MOUNTING BRACKET		@A3
						DATE:
						Nov 22
						REV:
						A

Note:

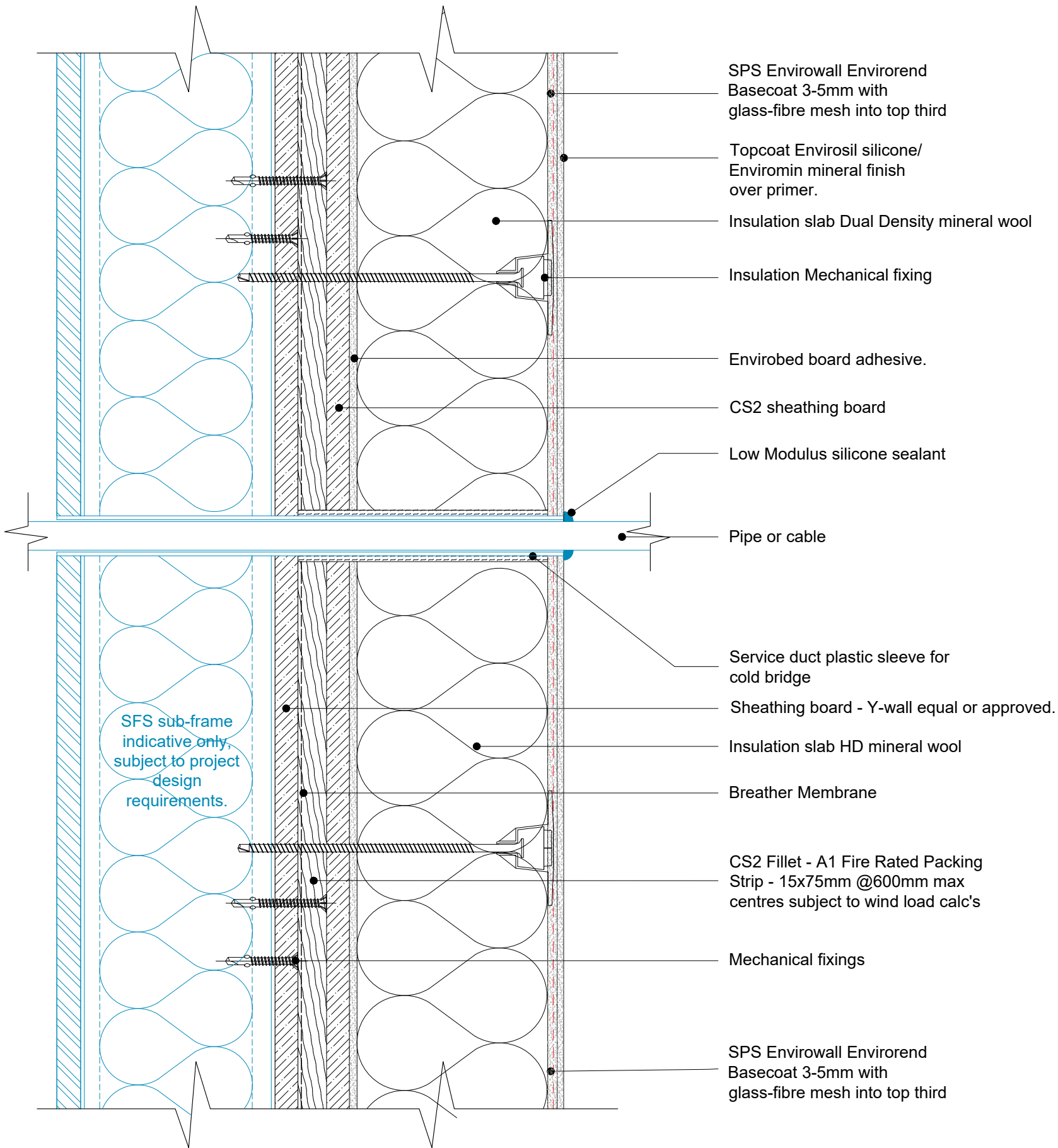
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REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5213	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-R-32		DS
				DESCRIPTION:		NTS
				BOILER FLUE OR EXTRACT FAN DETAILS		@A3
						DATE:
						Nov 22
						REV:
						A

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
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4. Movement joint within the system and structure please refer to guidance note within M21 specification.

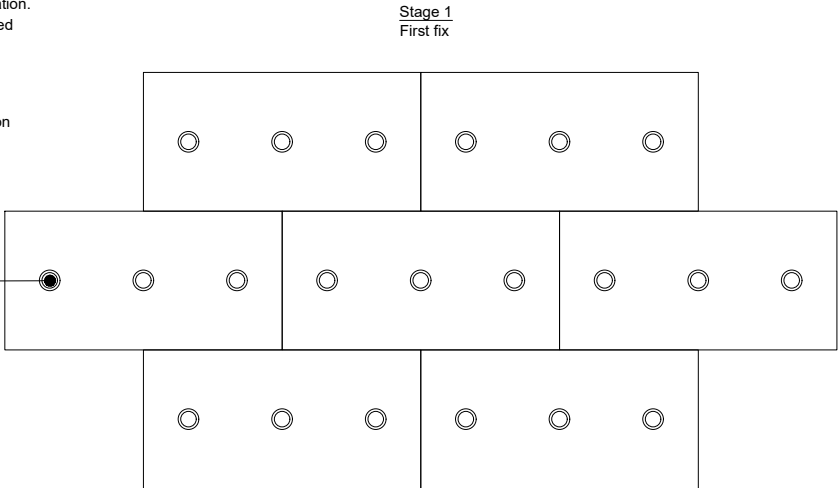


REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5213	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-R-33		DS
				DESCRIPTION:		NTS
				PIPE OR CABLE DETAIL		@A3
						DATE:
						Nov 22
						REV:
						A

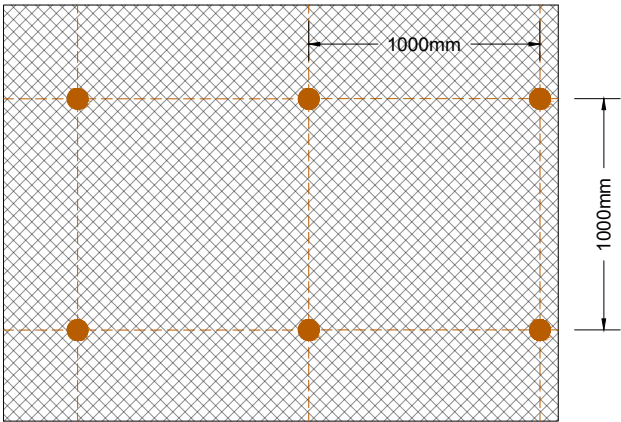
Note:

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3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Please refer to wind loading calculations on contract.

Sacrificial Fixings
60mm fixing washer to sit inside
A minimum 90mm
oversized washer required
for fixings.

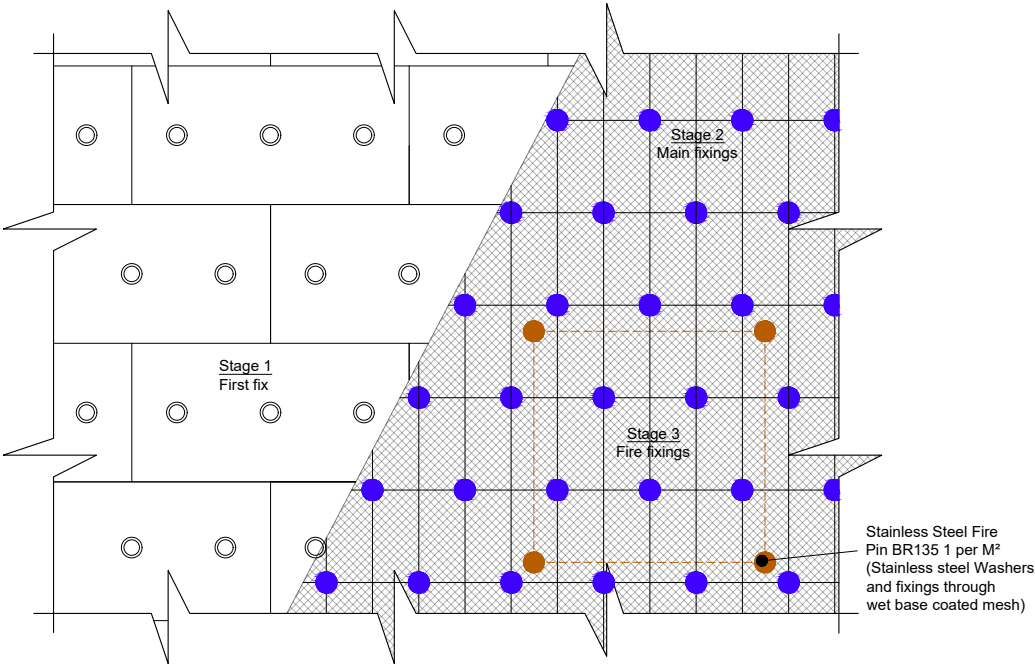
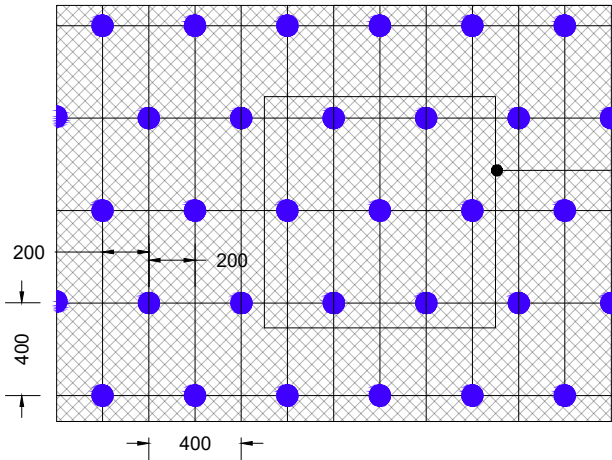


Stage 3
Fire fixings



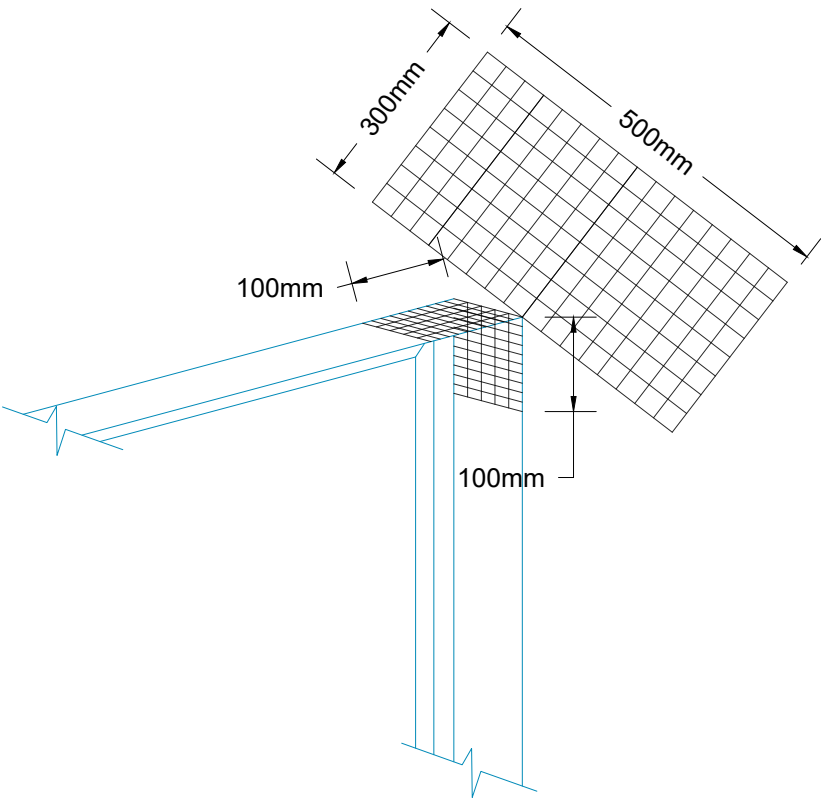
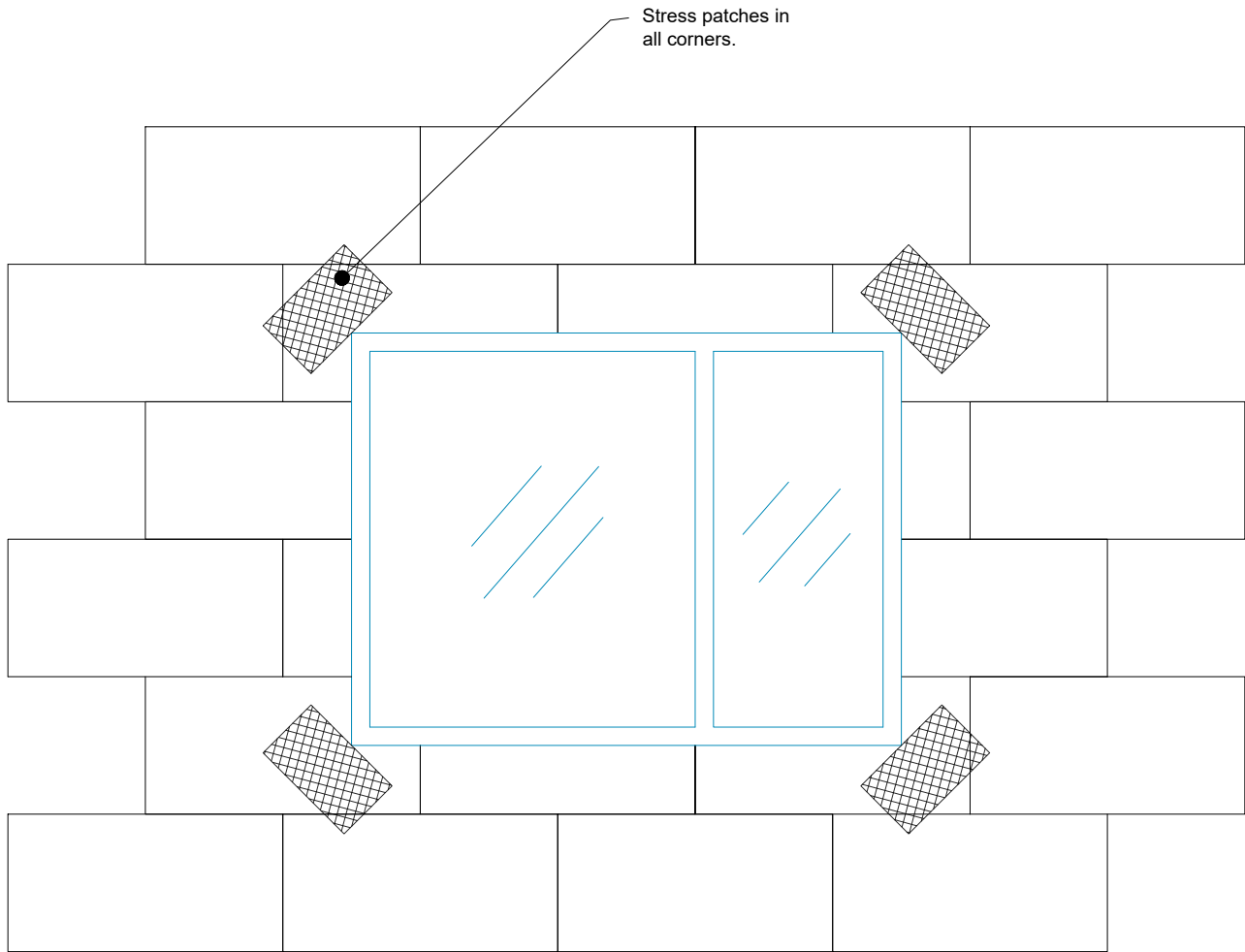
Design Wind Load Values	Number of fixings (Per M ²)	Design Resistance (KN)
3.3	8	0.39*
2.6	7	
1.95	5	

Stage 2
Main fixings



Note:

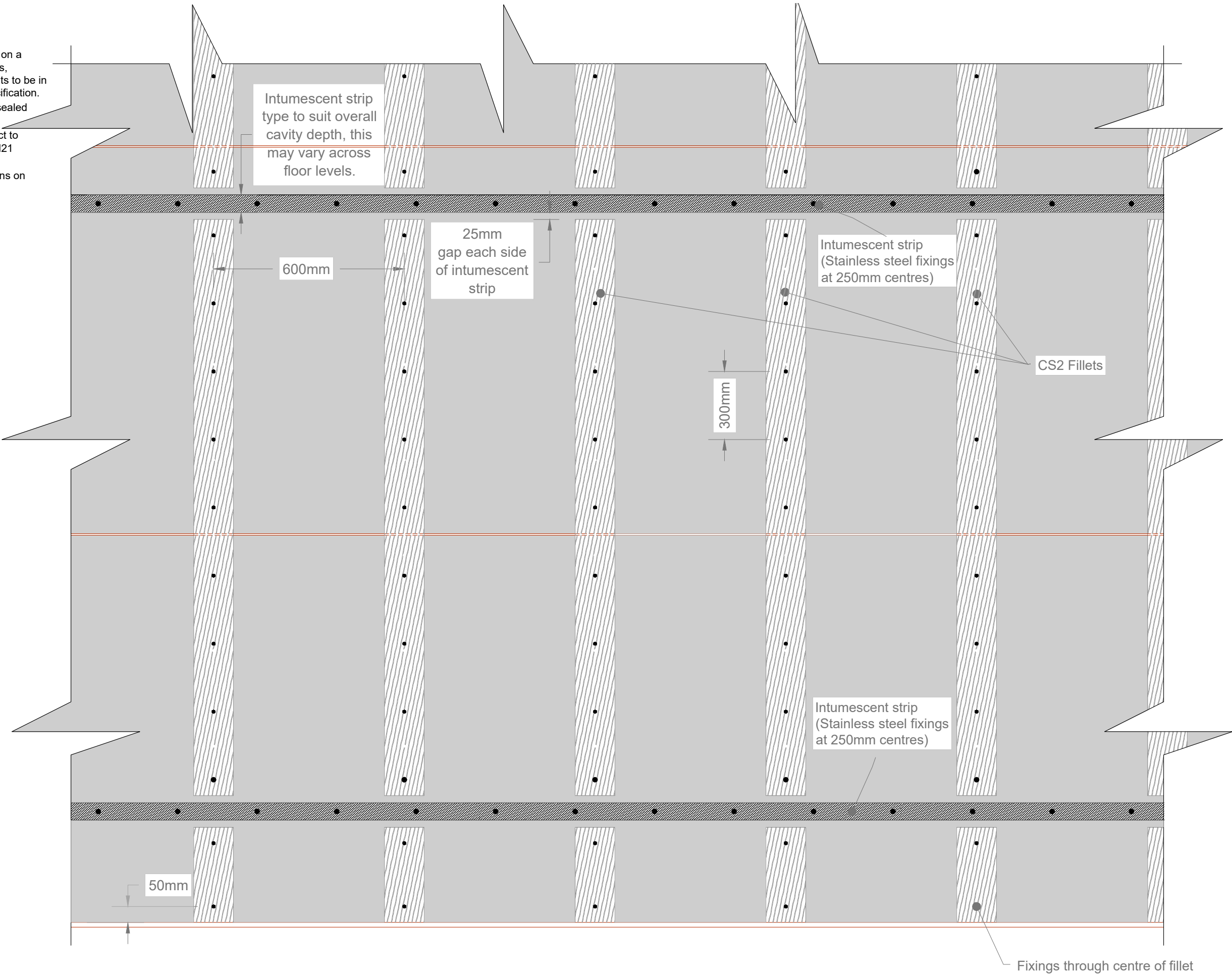
- 1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
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- 4. Please refer to wind loading calculations on contract.



REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5213	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-R-35		DS
				DESCRIPTION:		NTS
				STRESS PATCHES		@A3
						DATE:
						Nov 22
						REV:
						A

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
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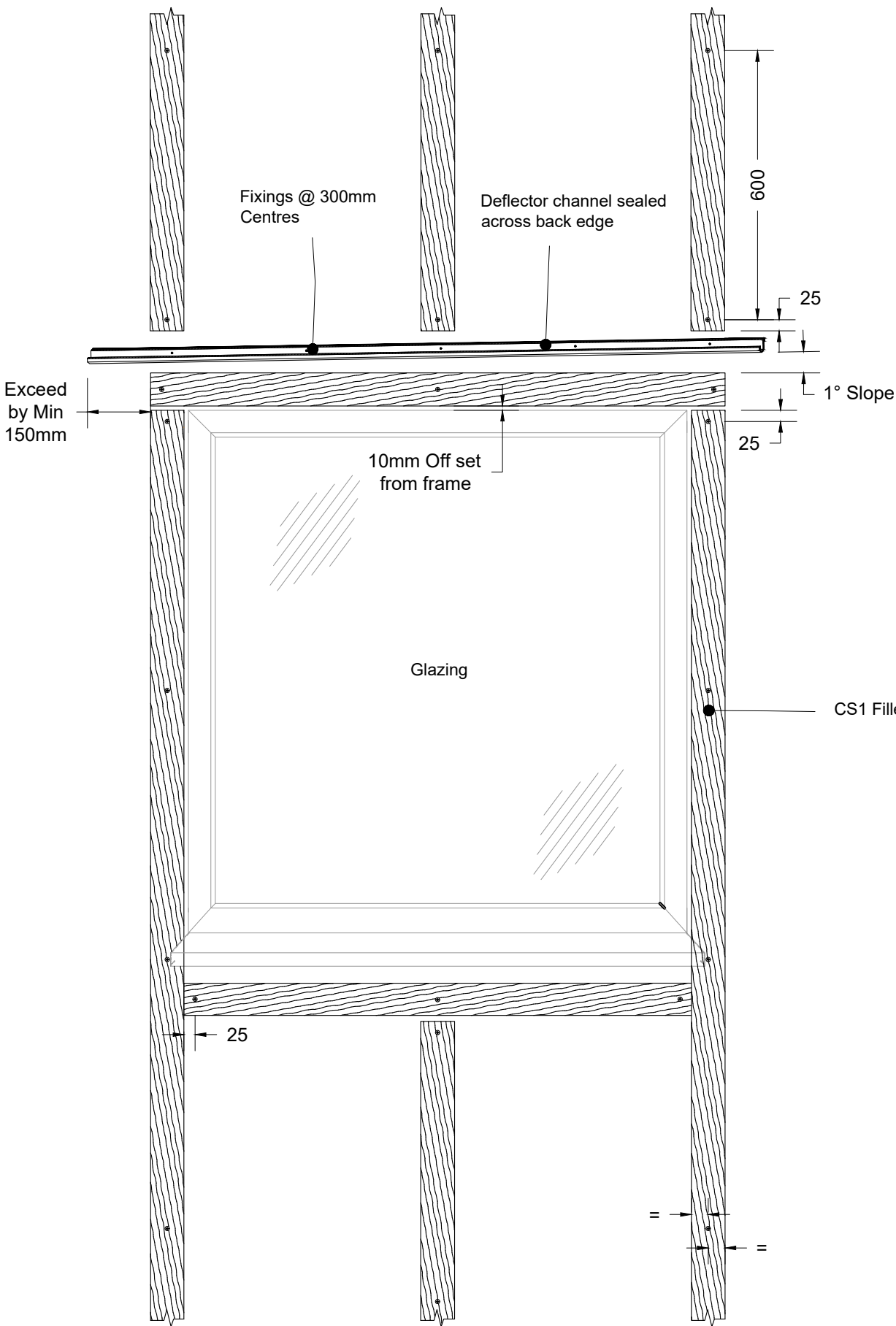


Fixings through centre of fillet

REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5213	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-R-36		DS
				DESCRIPTION:		NTS
				FILLET FIXING DETAILS		@A3
						DATE:
						Nov 22
						REV:
						A

Note:

1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Please refer to wind loading calculations on contract.



1. The EW1 system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
3. Fixing patterns to be confirmed, subject to project wind loading, refer to project M21 specification.
4. Please refer to wind loading calculations on contract.



REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN: AG
A	18/04/23	First Issue	AG	PROJECT:	ISO No: 5213	CHECK: DS
				TYPICAL DETAILS CS2		NTS @A3
				DRAWING No: TD-CS2-SFS-MW-R-38		
				DESCRIPTION:		DATE: Apr 23
				FILLET FIXING DETAIL AROUND SMALL WINDOW		REV: A