



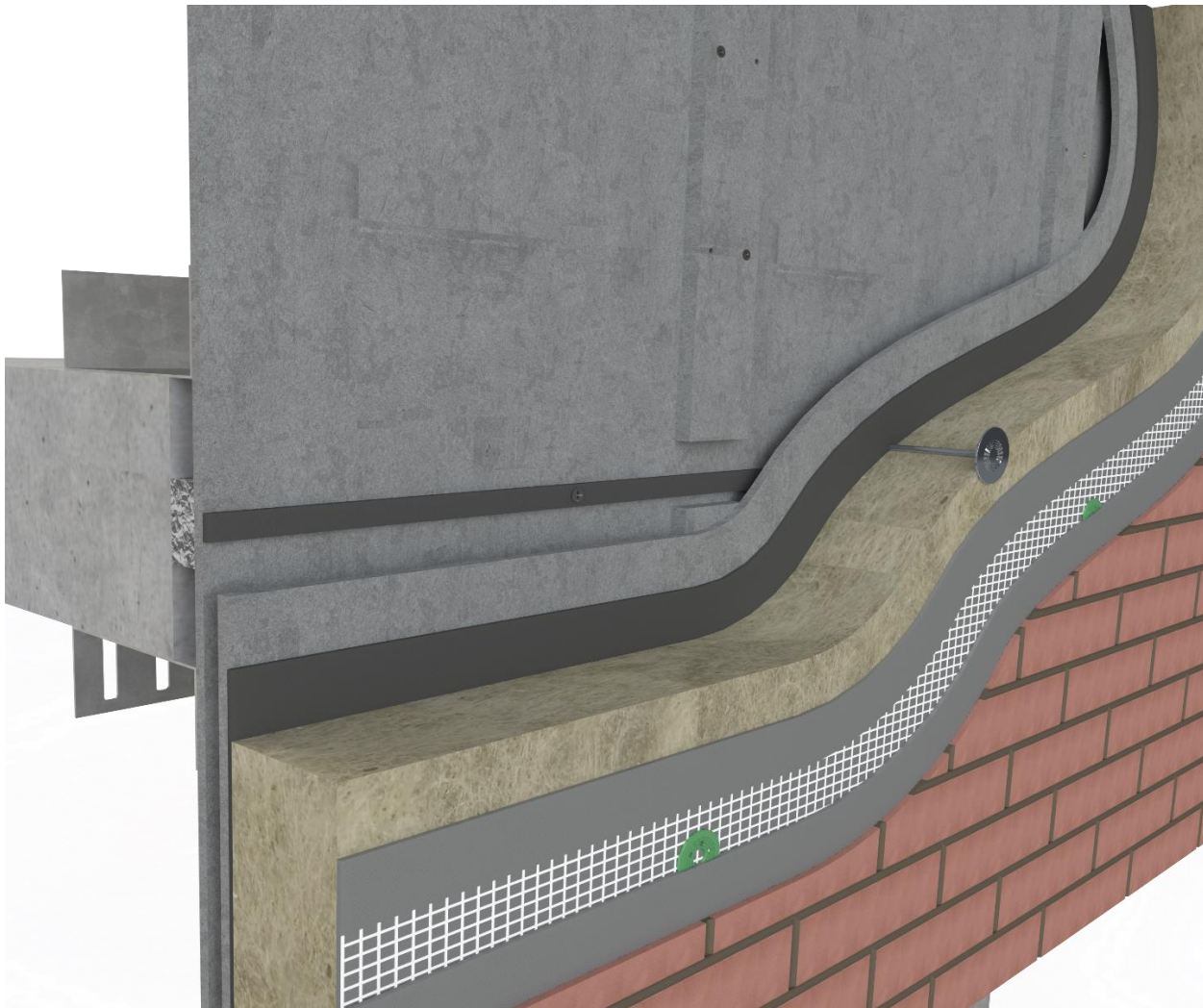
SPS Envirowall EWI System Typical Details : CS2 to Framed Structures (LGSF)



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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-FBS-01
ISO Reference	5213FBS



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 Flexible brick slip drawings		ISSUE STATUS	I	I	I													
ISO Ref: 5213 FBS	System: CS2	ISSUE DATE	15/6/23	25/10/23	7/12/23													
DRAWING No.		DRAWING ID/Description																
TD-CS2-SFS-MW-FBS-01	Base Detail with flashing cover		A	B	C													
TD-CS2-SFS-MW-FBS-02	Base brick Detail with SFS overhang and flashing		A	B	B													
TD-CS2-SFS-MW-FBS-03	Base brick Detail with flashing		A	B	B													
TD-CS2-SFS-MW-FBS-04	Internal Corner		A	A	A													
TD-CS2-SFS-MW-FBS-05	Internal Corner with movement joint bead		A	A	A													
TD-CS2-SFS-MW-FBS-06	External Corner		A	A	A													
TD-CS2-SFS-MW-FBS-07	Brick work Abutment joint		A	A	A													
TD-CS2-SFS-MW-FBS-08	Abutment joint with other cladding		A	A	A													
TD-CS2-SFS-MW-FBS-09	joint with other cladding system		A	A	A													
TD-CS2-SFS-MW-FBS-10	Horizontal change of finish render and flexible brick slip		A	A	A													
TD-CS2-SFS-MW-FBS-11	Floor slab edge detail with firebreak, No deflection zone		A	A	A													
TD-CS2-SFS-MW-FBS-12	Recessed slab edge with movement joint		A	A	A													
TD-CS2-SFS-MW-FBS-13	Flush floor slab edge detail with movement joint		A	A	A													
TD-CS2-SFS-MW-FBS-14	Vertical Movement joint		A	A	A													
TD-CS2-SFS-MW-FBS-15	Vertical Fire break at party wall junction		A	A	A													
TD-CS2-SFS-MW-FBS-16	Plan detail at party wall junction		A	A	A													
TD-CS2-SFS-MW-FBS-17	Plan detail concrete section junction		A	A	A													
TD-CS2-SFS-MW-FBS-18	Window Cill with CS1 A1 fillet cavity closure		A	A	A													
TD-CS2-SFS-MW-FBS-19	Window Cill with cavity barrier closure		A	A	A													
TD-CS2-SFS-MW-FBS-20	Window Reveal with CS1 A1 fillet cavity closure		A	A	A													
TD-CS2-SFS-MW-FBS-21	Window Reveal with cavity barrier closure		A	A	A													
TD-CS2-SFS-MW-FBS-22	Window Reveal with window set back		A	A	A													
TD-CS2-SFS-MW-FBS-23	Window Reveal with window set forward		A	A	A													
TD-CS2-SFS-MW-FBS-24	Window Head with CS1 A1 fillet cavity closure		A	A	A													
TD-CS2-SFS-MW-FBS-25	Window Head with cavity barrier closure		A	A	A													
TD-CS2-SFS-MW-FBS-26	Soffit Detail		A	A	A													
TD-CS2-SFS-MW-FBS-27	Suspended soffit Detail		A	A	A													
TD-CS2-SFS-MW-FBS-28	Coping Detail		A	A	A													
TD-CS2-SFS-MW-FBS-29	Coping Detail with mineral wool cavity stop		A	A	A													
TD-CS2-SFS-MW-FBS-30	Light weight mounting detail		A	A	A													
TD-CS2-SFS-MW-FBS-31	Heavey duty mounting bracket		A	A	A													
TD-CS2-SFS-MW-FBS-32	Heavy duty mounting bracket		A	A	A													
TD-CS2-SFS-MW-FBS-33	Boiler flue or extract fan detail		A	A	A													
TD-CS2-SFS-MW-FBS-34	Pipe or cable detail		A	A	A													
TD-CS2-SFS-MW-FBS-35	Fixing Pattern Through Meshed Basecoat		A	A	B													
TD-CS2-SFS-MW-FBS-36	stress Patches		A	A	A													
TD-CS2-SFS-MW-FBS-37	Fillet fixing details		A	A	A													
TD-CS2-SFS-MW-FBS-38	Fillet fixing details around small window		A	A	A													
TD-CS2-SFS-MW-FBS-39	Fillet fixing details around large window		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.

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

Concrete anchor Fixing

(All Blue is by others)

Ground Level (Falling away from building)

Gravel Trap

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

- CS2 sheathing board

Intumescent Strip
Expanding cavity fire strip
with Stainless steel fixing

Combination Bedding and Jointing Mortar

Insulation slab HD mineral wool

Flexible brick slips

Insulation Mechanical fixing

- Vertical CS fillet

Drainage bead

Sealing Tape compressed by 2/3rds
Aluminium Base track with PVC
clip and mesh

- Low Modulus silicone sealant

- Flashing (By others)

HD/XPS Insulation below DPC level
SPS Envirowall Enviroid
Basecoat 3-5mm with
glass-fibre mesh into top third

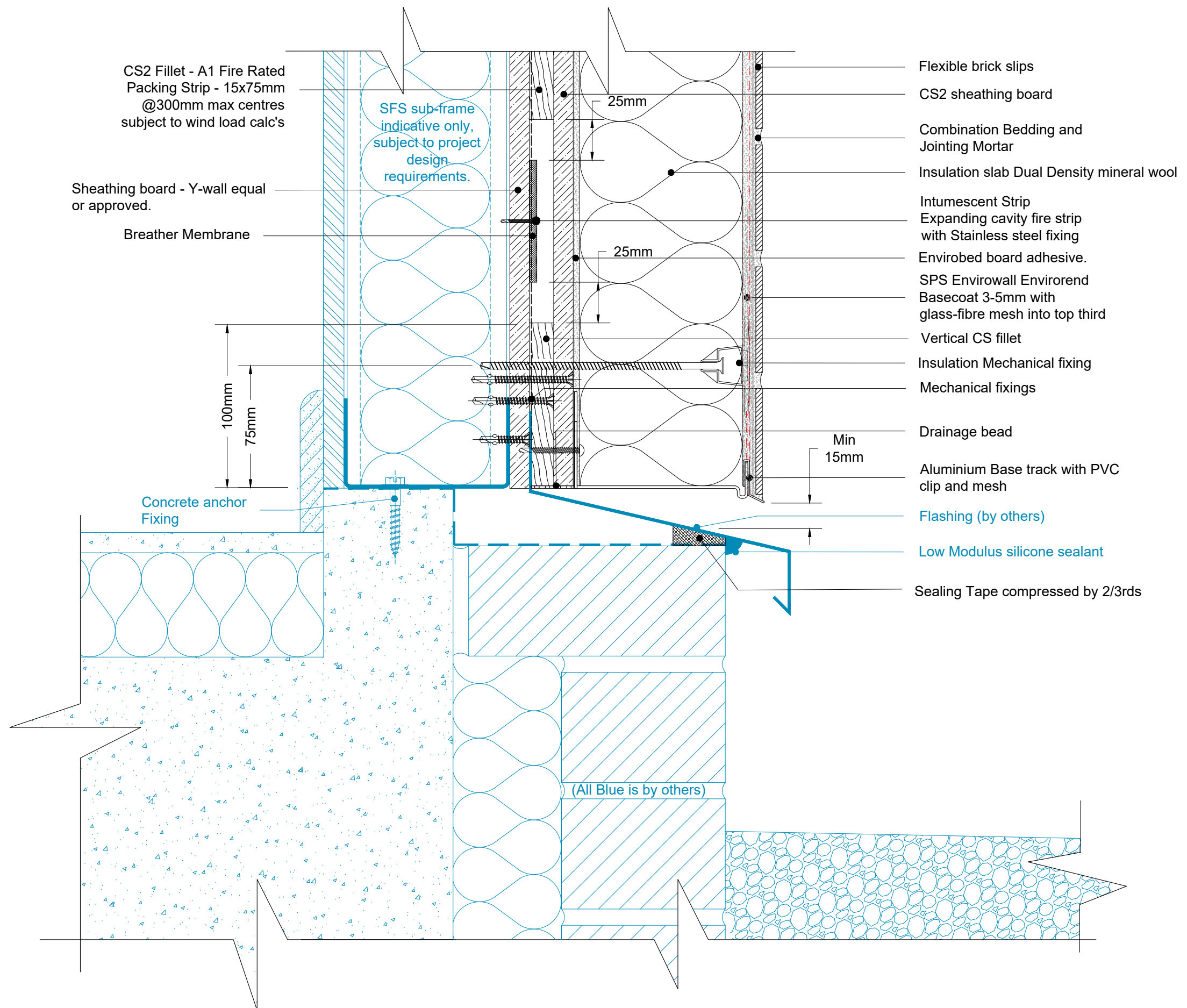
- Hammer in fixing

- Black bitumen coating Ref ESPS/BITP/25

- Envirobond Adhesive.

REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN: AG
A	12/06/23	First Issue	AG	PROJECT:	ISO No: 5213 FBS	CHECK: JT
B	24/10/23	Vertical CS fillet note added	AG	TYPICAL DETAILS CS2		NTS0A3
C	07/12/23	Granol therm removed	AG		DRAWING No: TD-CS2-SFS-MW-FBS-01	DATE: Jun 23
				DESCRIPTION:	BASE DETAIL WITH FLASHING COVER	REV: C

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: AG
A	12/06/23	First Issue	AG	PROJECT:	ISO No: 5213 FBS	CHECK: JT
B	24/10/23	Vertical CS fillet note added	AG	TYPICAL DETAILS CS2		NTS0A3
				DRAWING No:	TD-CS2-SFS-MW-FBS-02	DATE: Jun 23
				DESCRIPTION:	BASE BRICK DETAIL WITH SFS OVERHANG AND FLASHING	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.
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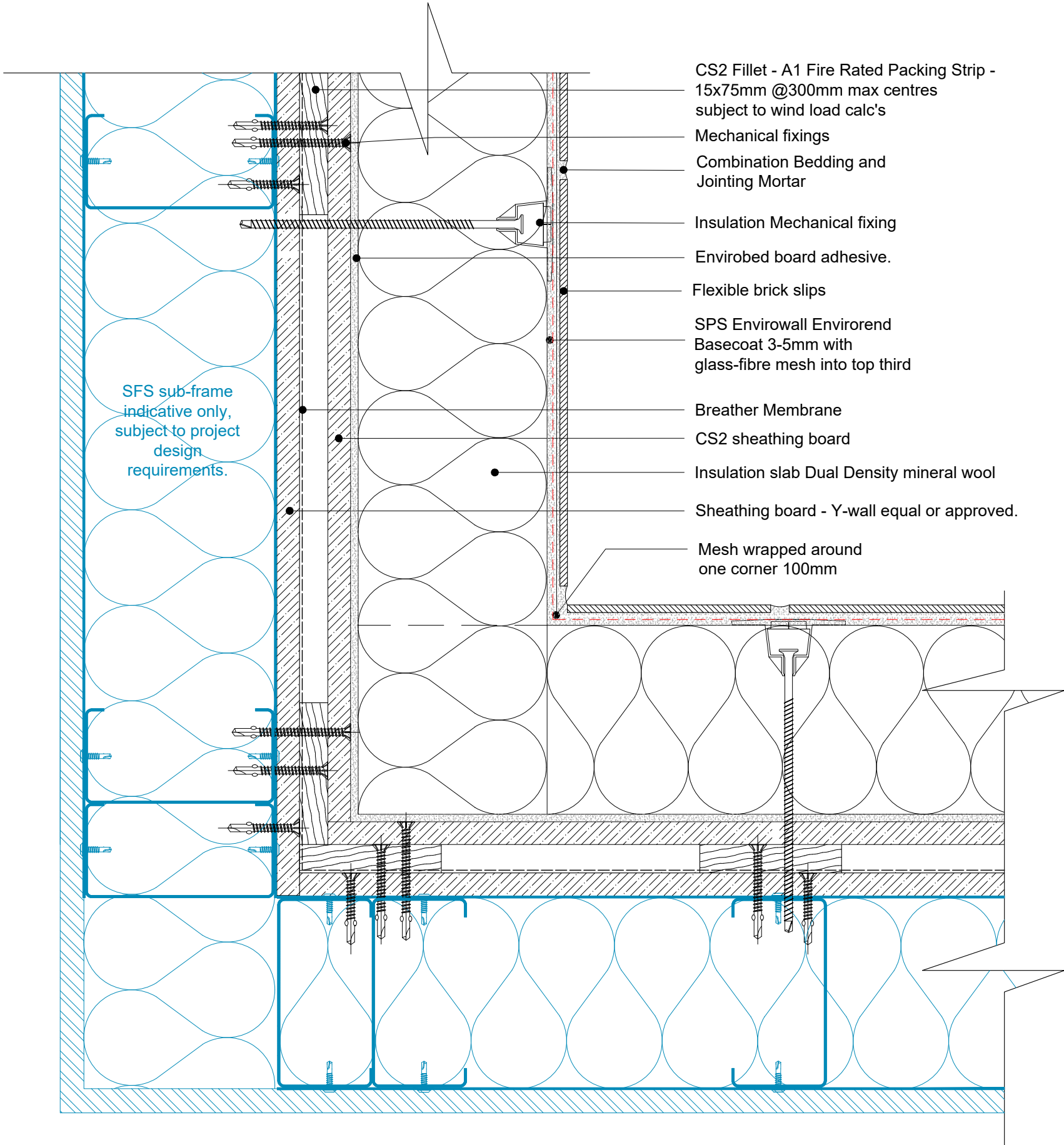


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A	12/06/23	First Issue	AG	PROJECT:	ISO No: 5213 FBS	CHECK: JT
B	24/10/23	Vertical CS fillet note added	AG	TYPICAL DETAILS CS2		NTS0A3
				DRAWING No:	TD-CS2-SFS-MW-FBS-03	DATE: Jun 23
				DESCRIPTION:	BASE BRICK DETAIL WITH FLASHING COVER	REV: A

Note:

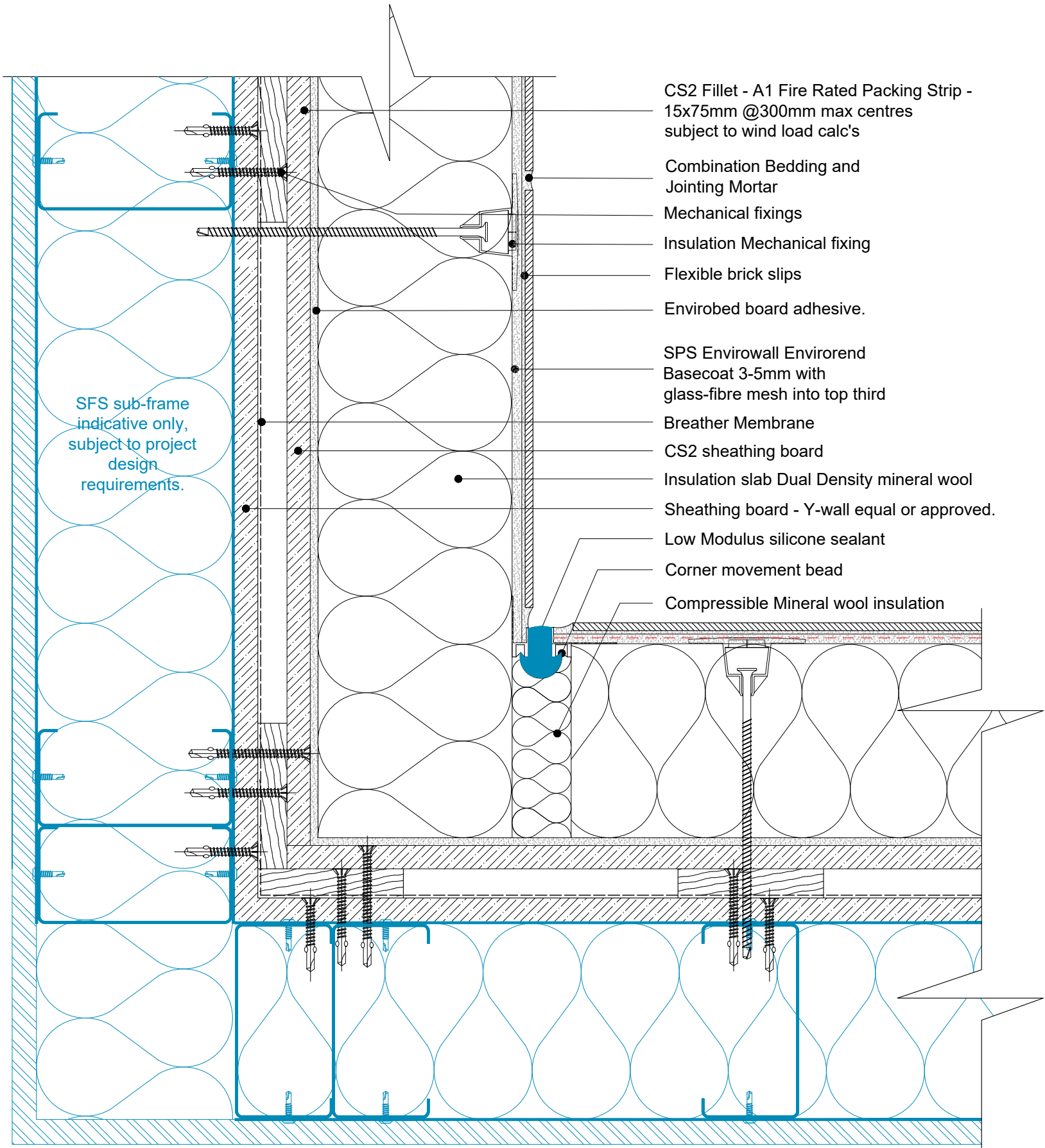
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REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
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				DRAWING No: TD-CS2-SFS-MW-FBS-04		JT
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				INTERNAL CORNER		DATE:
						Jun 23
						REV:
						A

Note:

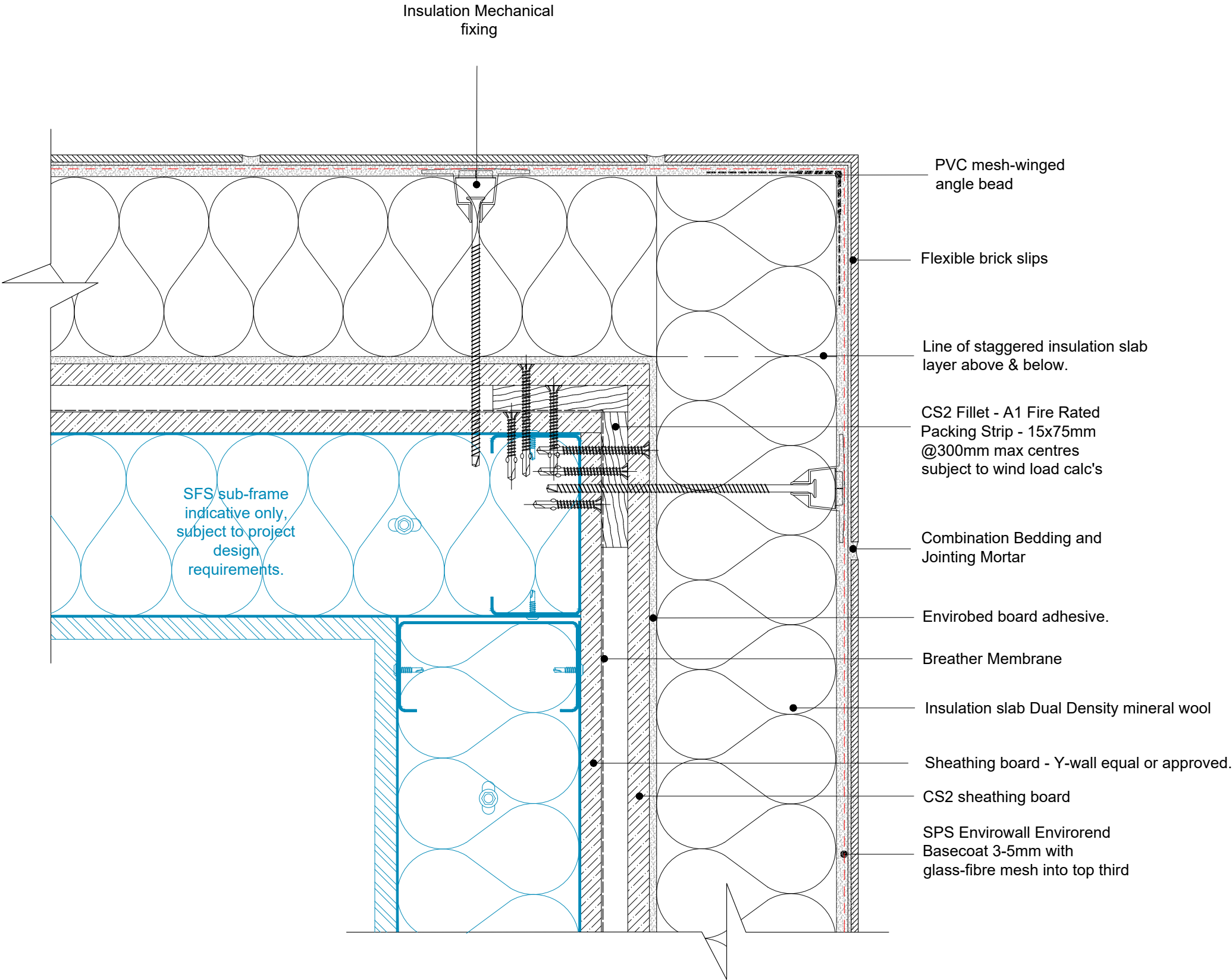
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A	12/06/23	First Issue	AG	PROJECT:	ISO No: 5213 FBS	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-FBS-05		JT
				DESCRIPTION:		NTS@A3
				INTERNAL CORNER WITH MOVEMENT JOINT BEAD		DATE:
						Jun 23
						REV:
						A

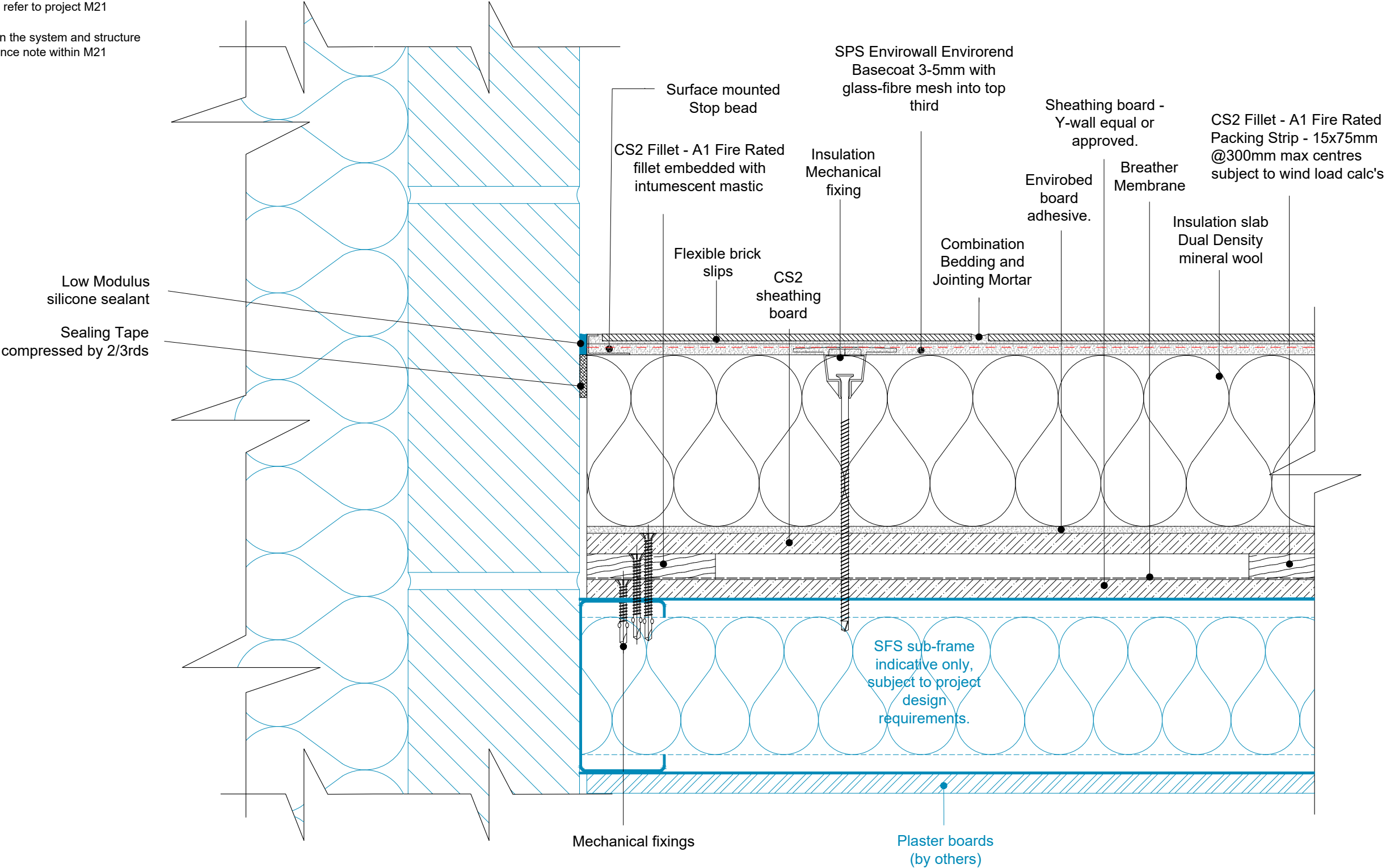
Note:

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REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
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				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-FBS-06		JT
				DESCRIPTION:		NTS@A3
				EXTERNAL CORNER		DATE:
						Jun 23
						REV:
						A

- Note:
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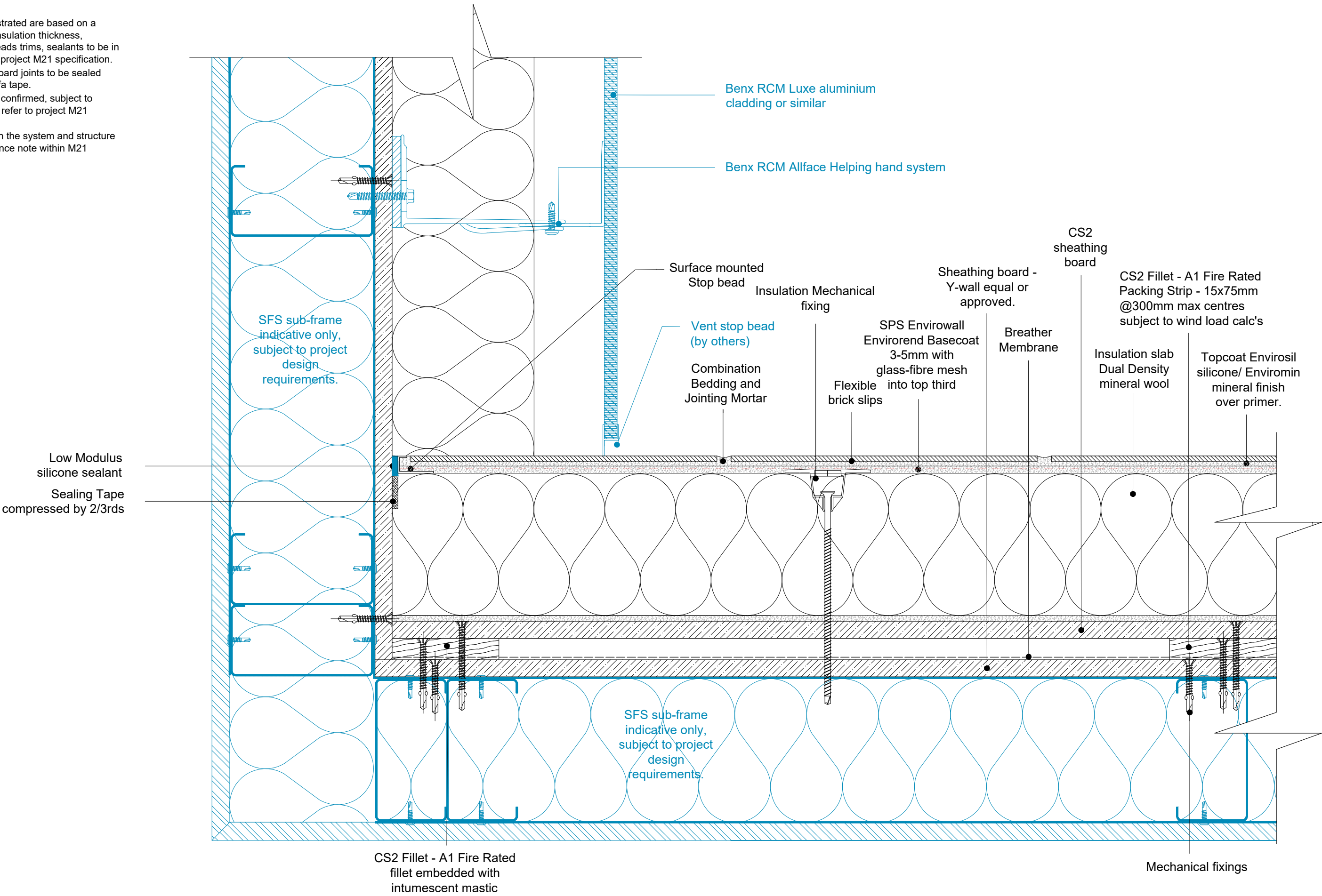
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A	06/12/22	First Issue	AG	PROJECT:	ISO No: 5213 FBS	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-FBS-07		DS
				DESCRIPTION:		NTS@A3
				BRICK WORK ABUTMENT JOINT		DATE:
						Nov 22
						REV:
						A

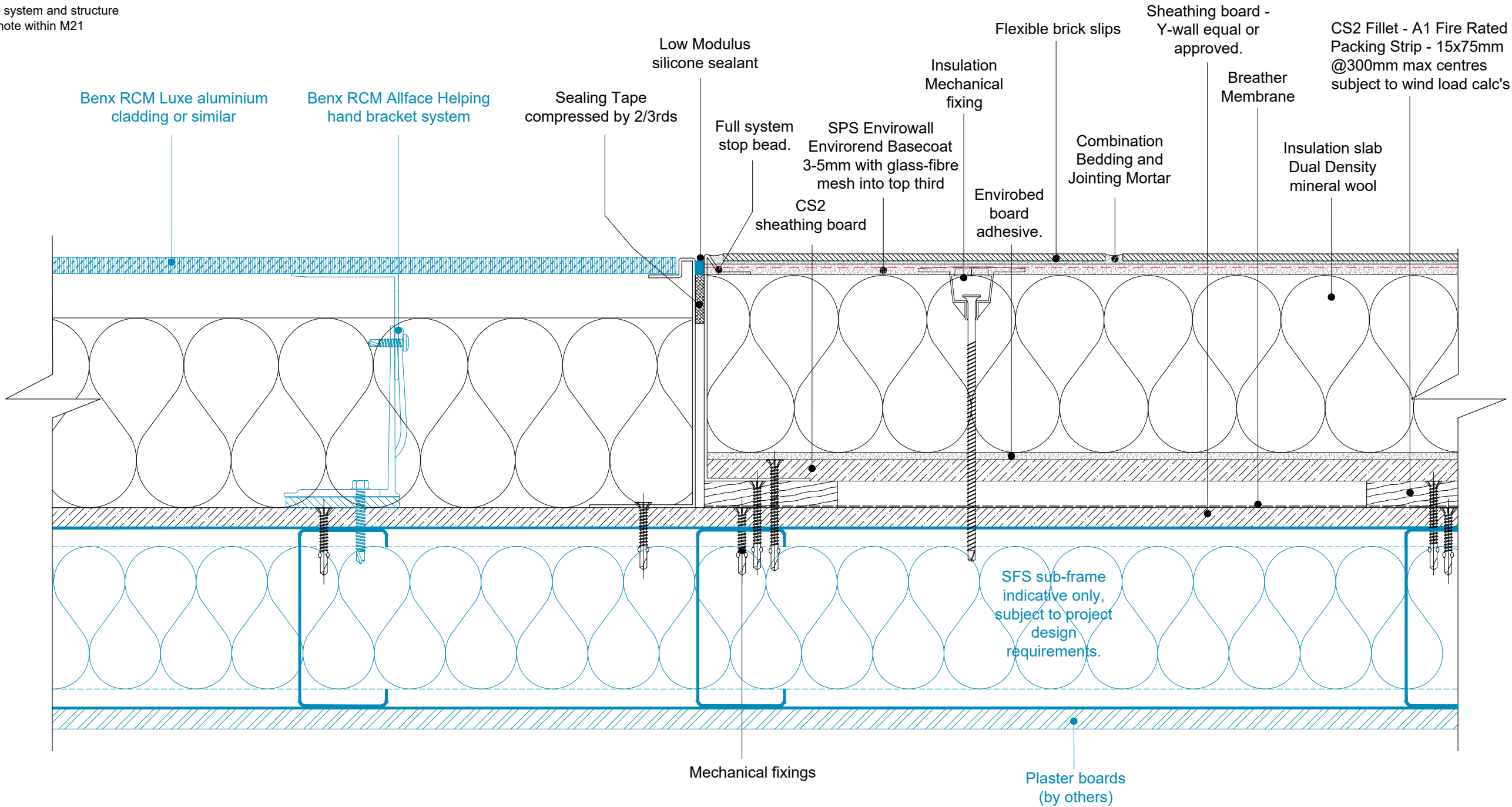
Note:

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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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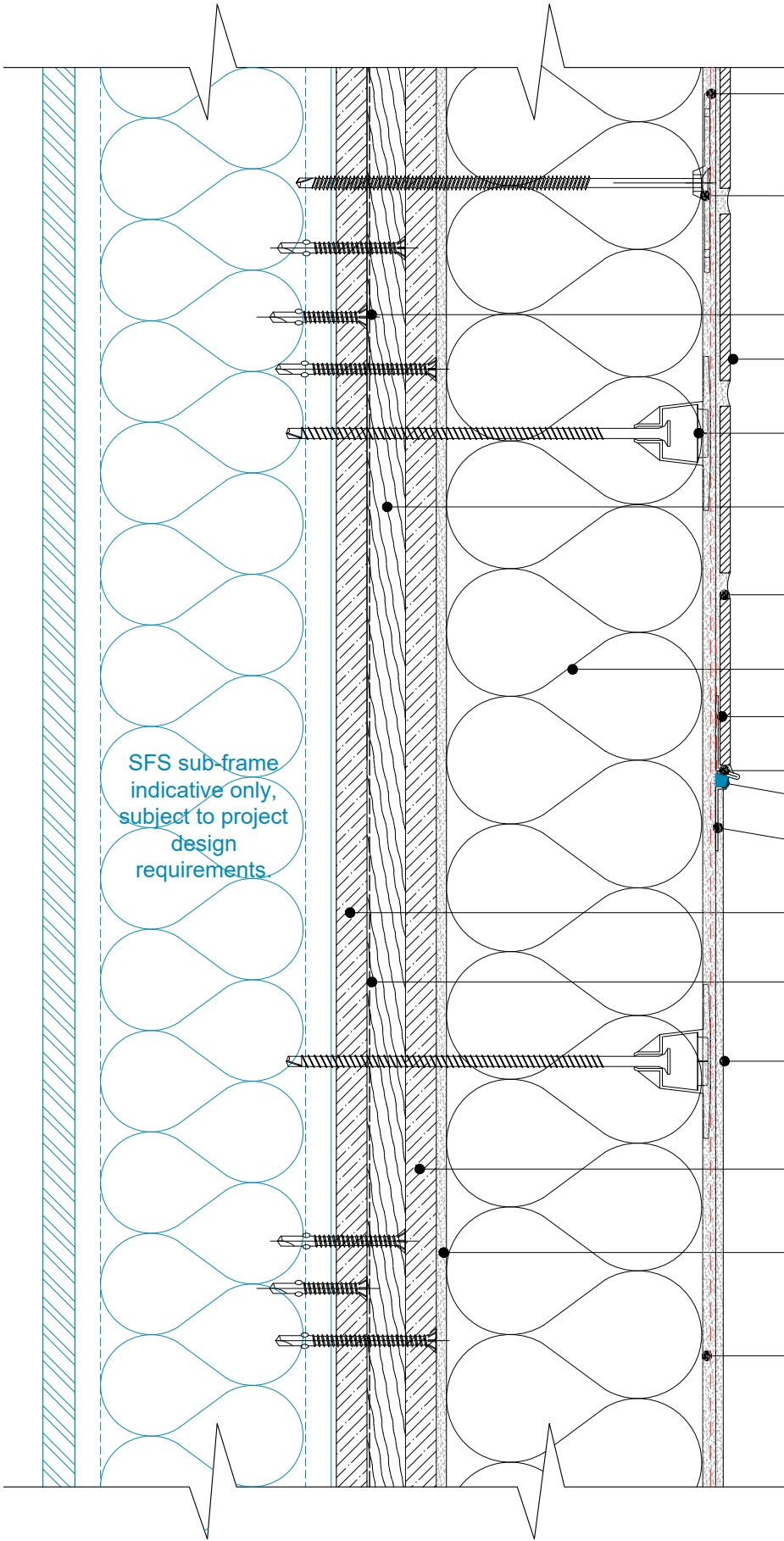
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A	12/06/23	First Issue	AG	PROJECT:	ISO No: 5213 FBS	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-FBS-09		JT
				DESCRIPTION:		NTS@A3
				JOINT WITH OTHER CLADDING SYSTEM		DATE:
						Jun 23
						REV:
						A

Note:

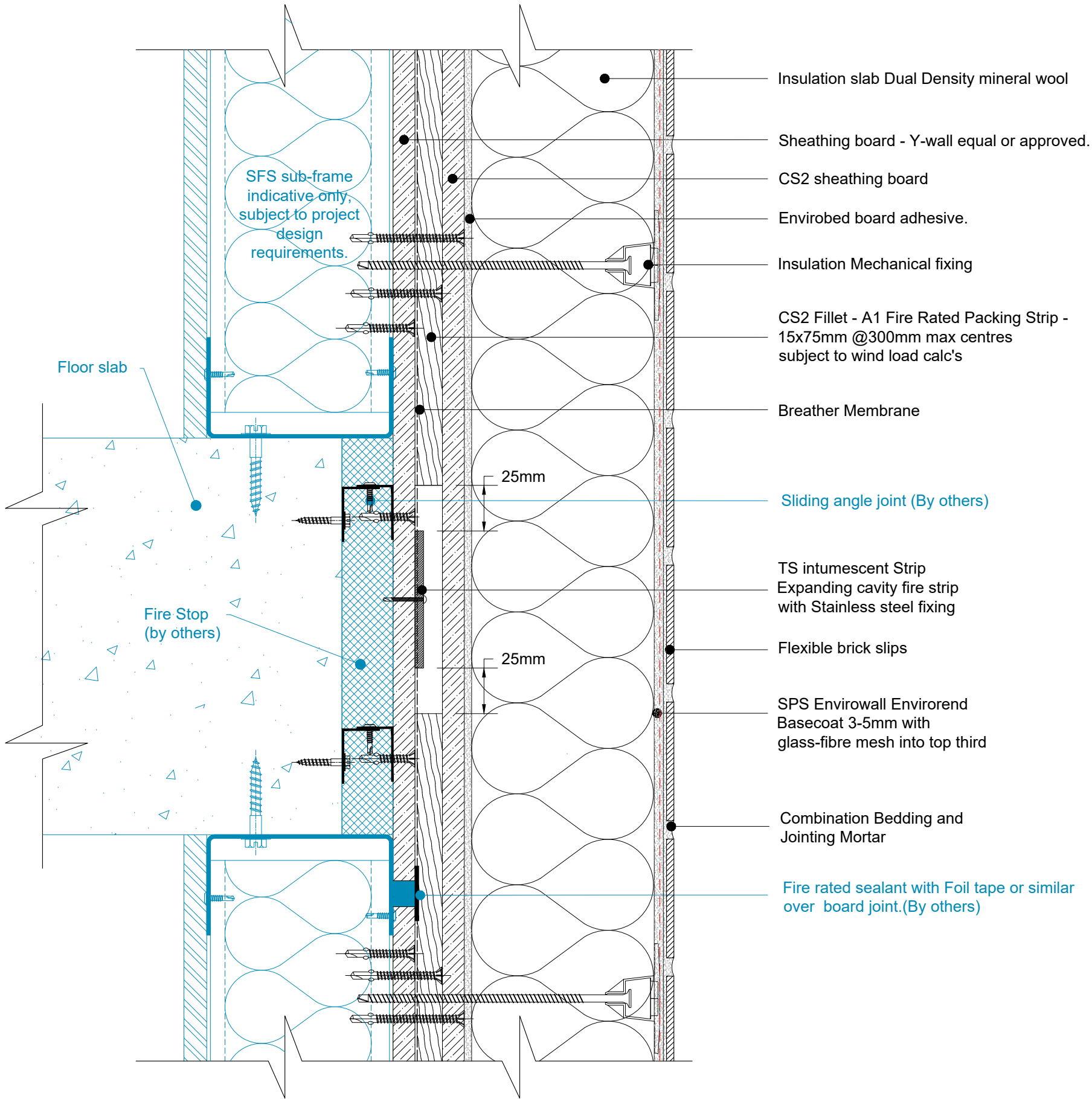
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- SPS Envirowall Envirorend
Basecoat 3-5mm with
glass-fibre mesh into top third
- Fire pin BR135 Stainless steel
screw with Stainless steel washer
(Min 1 Per M² through mesh)
- Mechanical fixings
- Flexible brick slips
- Insulation Mechanical fixing
- CS2 Fillet - A1 Fire Rated Packing Strip -
15x75mm @300mm max centres
subject to wind load calc's
- Combination Bedding and
Jointing Mortar
- Insulation slab Dual Density mineral wool
This is bedded into basecoat with No fixings,
with a mesh layer over back leg bedded in basecoat.
- R2B Bellcast bead
- Low Modulus silicone sealant
- Stop bead surface mounted
- Sheathing board - Y-wall equal or approved.
- Breather Membrane
- Topcoat Envirosil silicone/
Enviromin mineral finish
over primer.
- CS2 sheathing board
- Envirobed board adhesive.
- SPS Envirowall Envirorend
Basecoat 3-5mm with
glass-fibre mesh into top third

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.
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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REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	12/06/23	First Issue	AG	PROJECT:	ISO No: 5213 FBS	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-FBS-11		JT
				DESCRIPTION:		DATE:
				FLOOR SLAB EDGE DETAIL WITH FIREBREAK,		Jun 23
				NO DEFLECTION ZONE		REV:
						A

Note:

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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

Plaster Board (By others)

Mechanical fixings

Deflection Zone
(As per project Design)

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

- Envirobed board adhesive.
- Breather Membrane
- CS2 sheathing board
- Insulation Mechanical fixing
- CS2 Fillet - A1 Fire Rated Packing Strip - 15x75mm @300mm max centres subject to wind load calc's
- Flexible brick slips
- Sliding angle joint (By others)
- SPS Envirowall Enviorend Basecoat 3-5mm with glass-fibre mesh into top third
- TS intumescent Strip Expanding cavity fire strip with Stainless steel fixing
- Insulation slab Dual Density mineral wool
- Combination Bedding and Jointing Mortar
- Horizontal movement joint (See Note 4)
- Compressible Mineral wool
- Balcony drip bead
- Low Modulus silicone sealant
- Stop bead
- Self adhesive sealing tape
- Fire rated sealant with Foil tape or similar over board joint. (By others)
- Sheathing board - Y-wall equal or approved.

REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	12/06/23	First Issue	AG	PROJECT:	ISO No: 5213 FBS	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-FBS-12		JT
				DESCRIPTION:		NTS@A3
				RECESSED SLAB EDGE WITH MOVEMENT JOINT		DATE:
						Jun 23
						REV:
						A

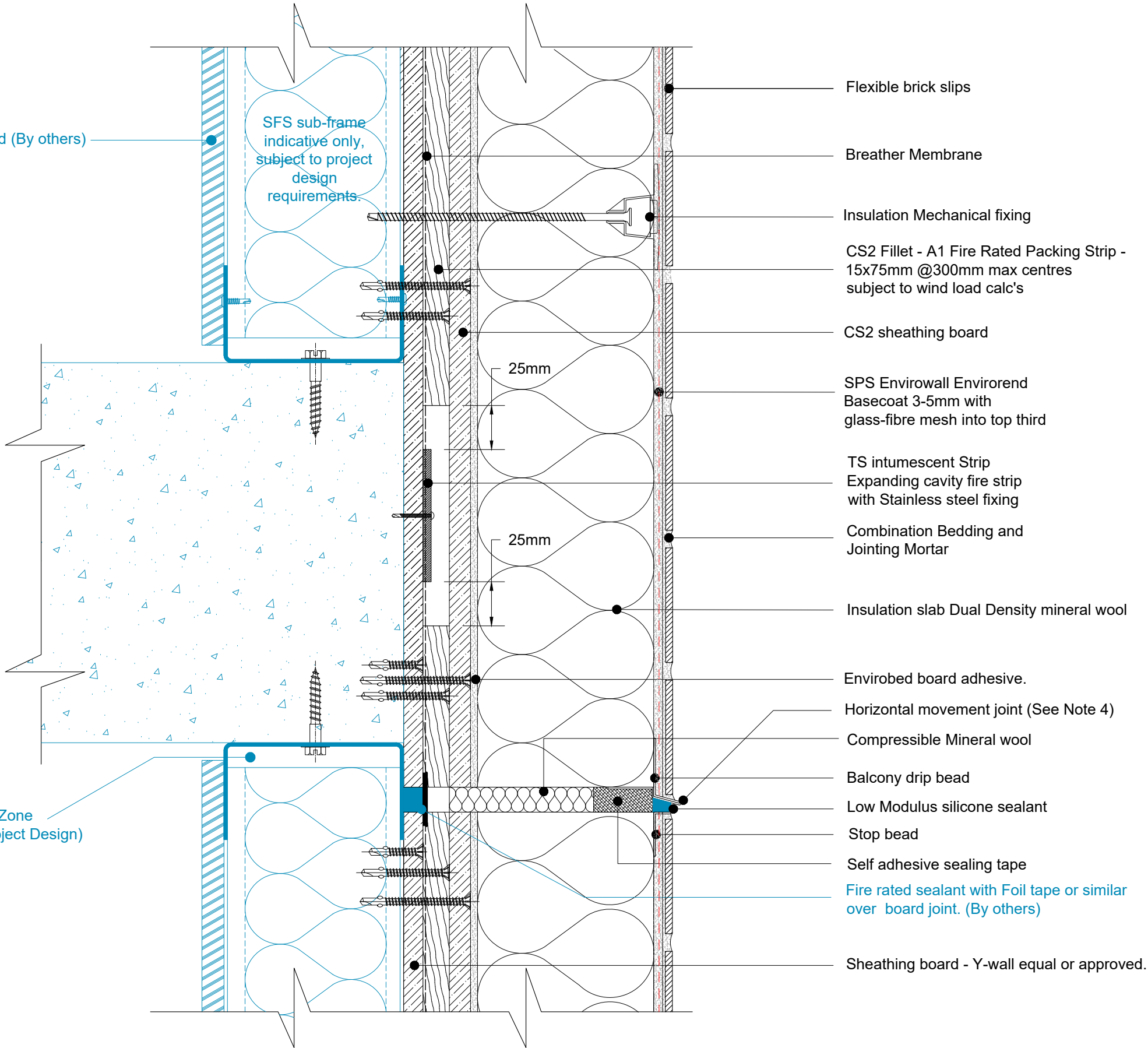
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6. SFS to overhang slab no more than $\frac{1}{3}$ of depth of stud.
7. Sliding angle to allow variations in line and levels of slab edge, continuous support of EWI system

Plaster Board (By others)

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

Deflection Zone
(As per project Design)



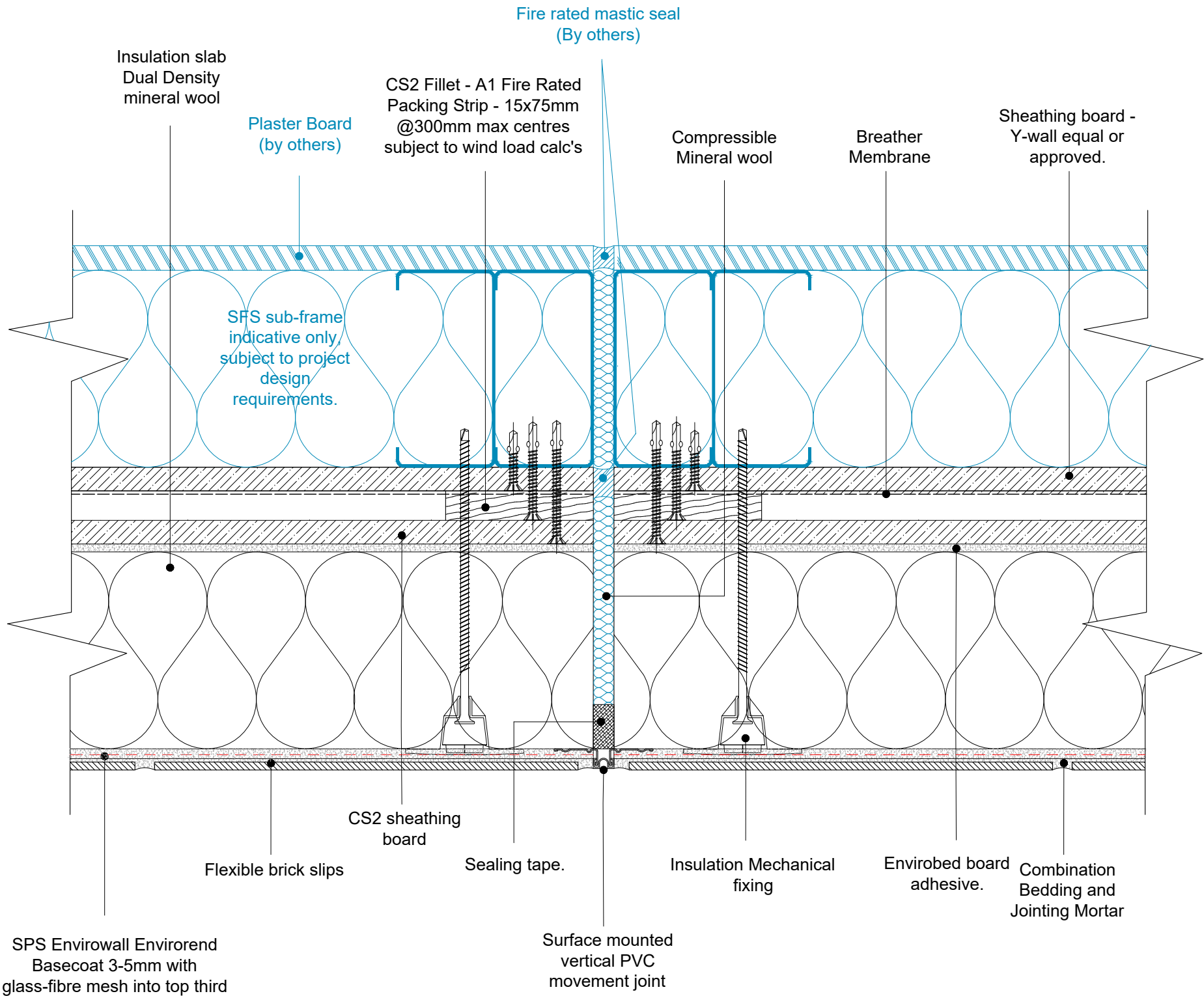
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				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-FBS-13		JT
				DESCRIPTION:		NTS@A3
				FLUSH FLOOR SLAB EDGE DETAIL WITH		DATE:
				MOVEMENT JOINT		Jun 23
						REV:
						A

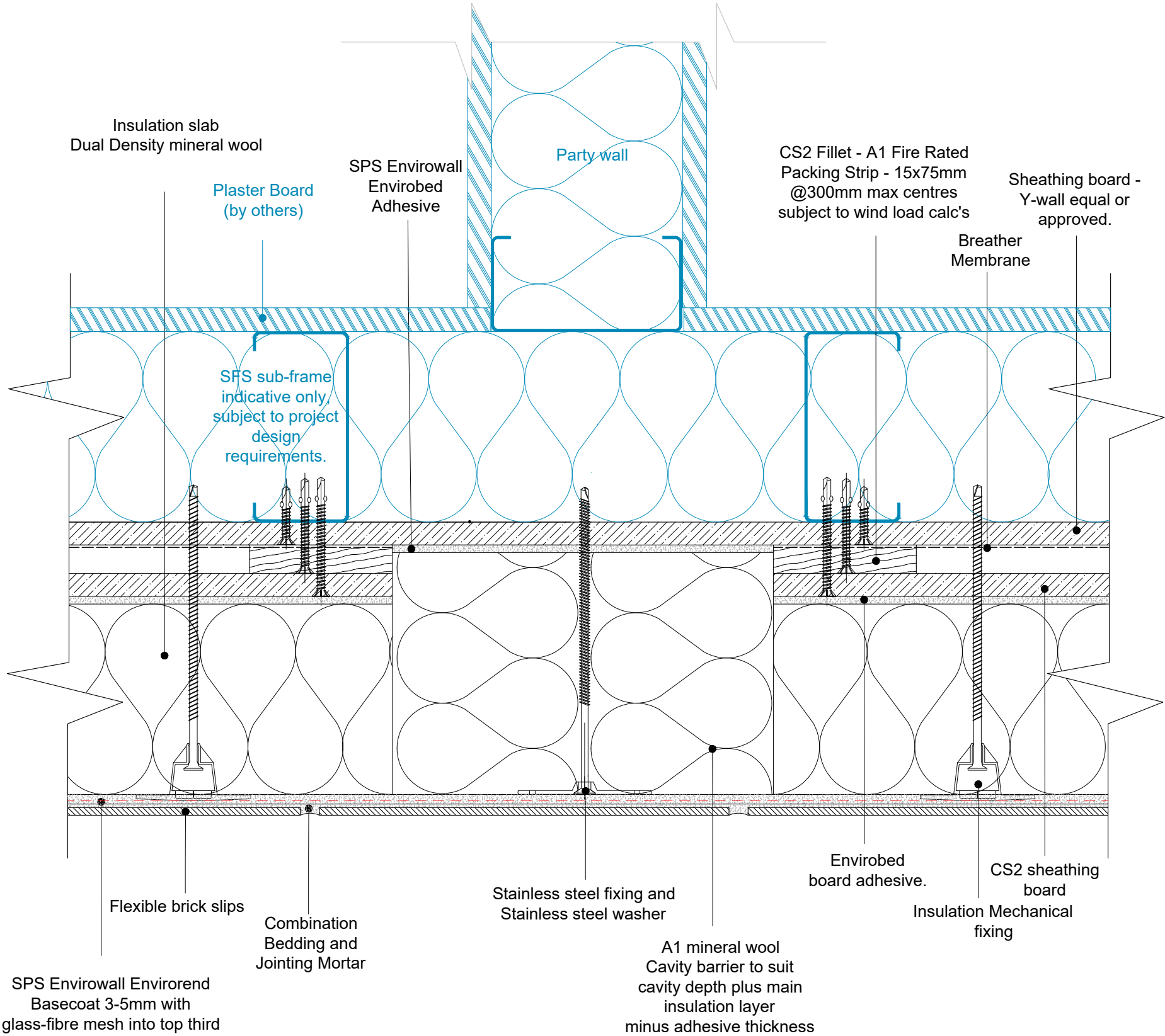
Note:

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.



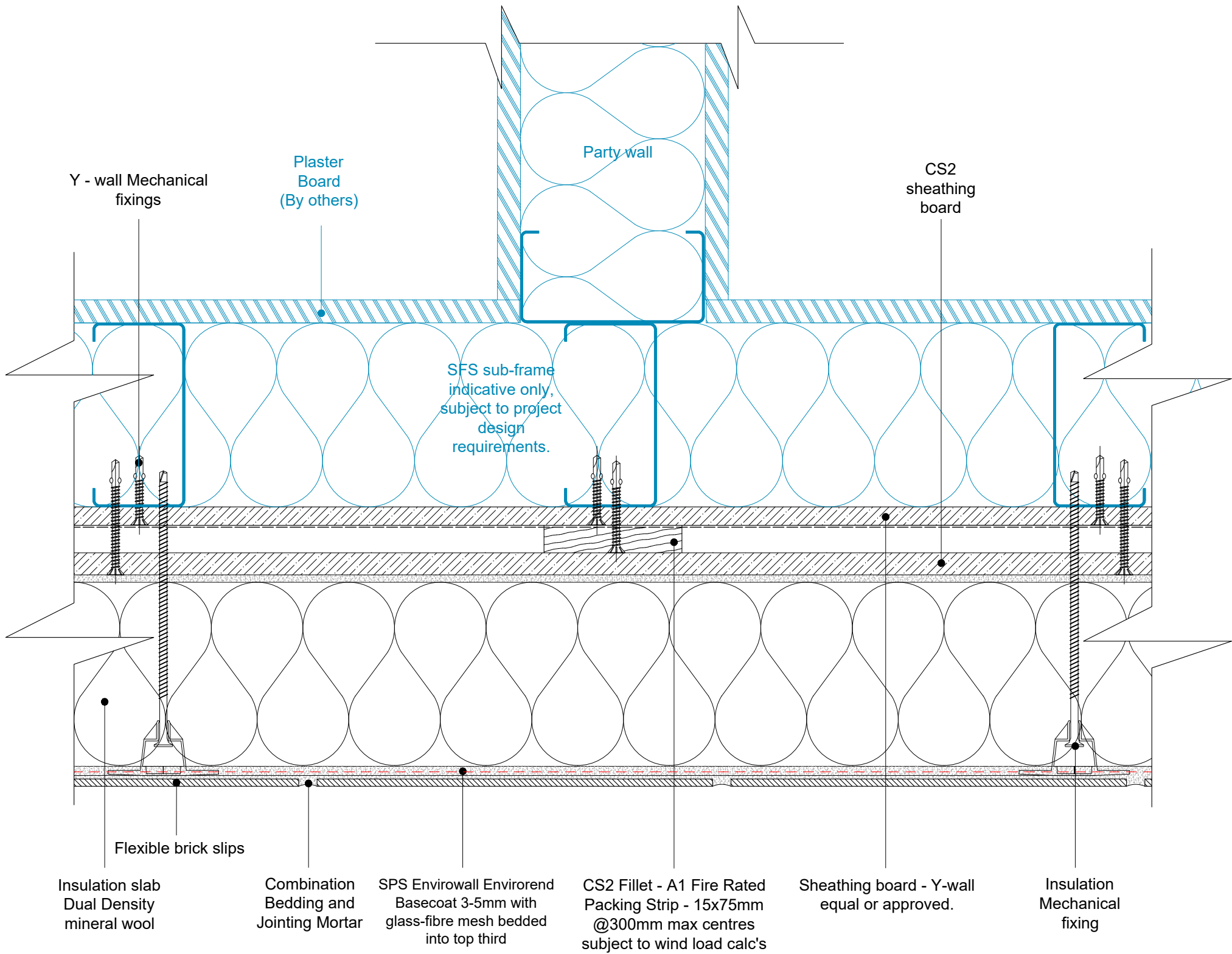
Note:

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2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
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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.



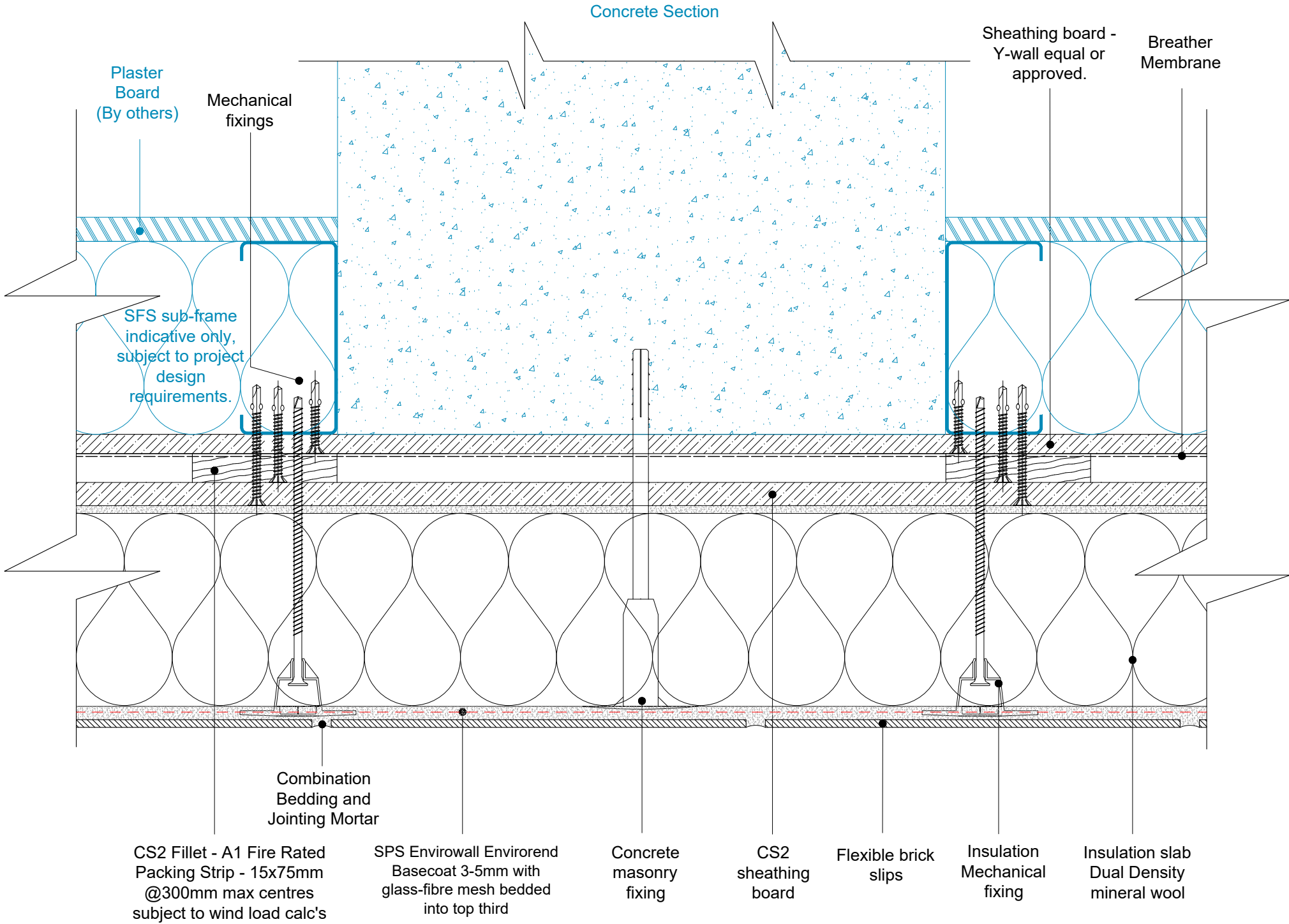
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ST4 4BT
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REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	12/06/23	First Issue	AG	PROJECT:	ISO No: 5213 FBS	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-FBS-16		JT
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				PLAN DETAIL AT PARTY WALL JUNCTION		DATE:
						Jun 23
						REV:
						A

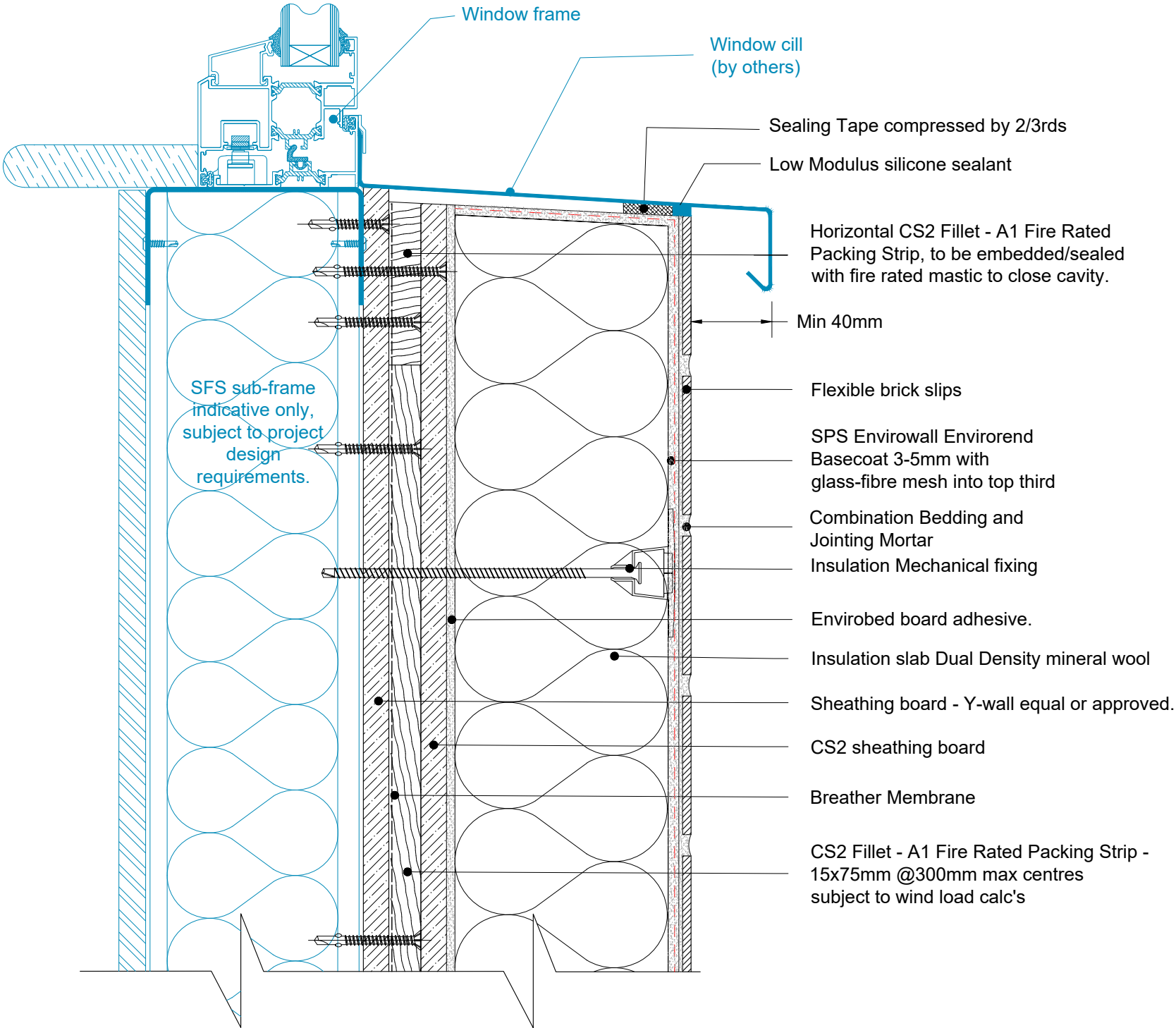
Note:

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. Variations in line and level of slab taken up with fire stop material.



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



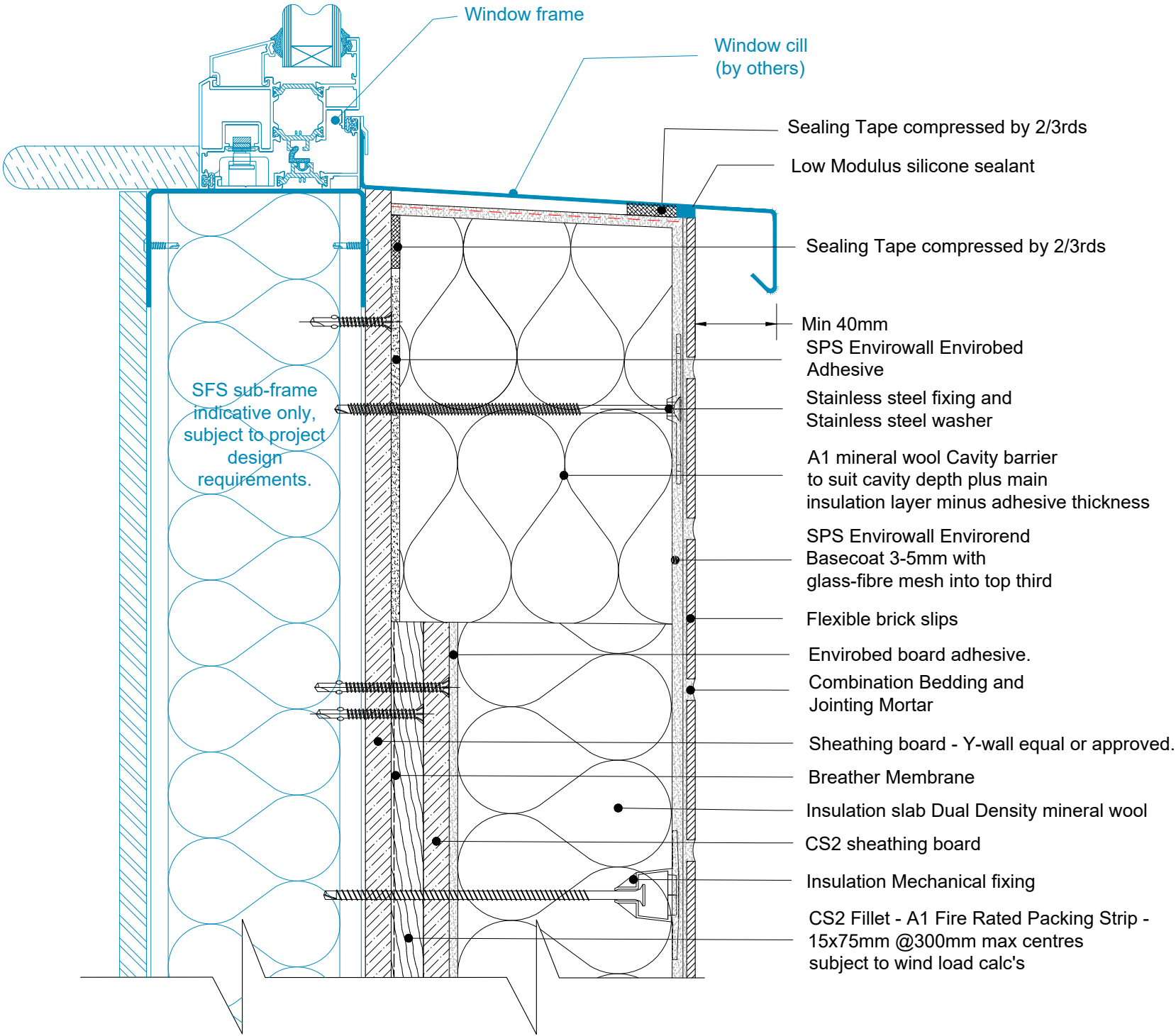
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REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	12/06/23	First Issue	AG	PROJECT:	ISO No: 5213 FBS	AG
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				DRAWING No: TD-CS2-SFS-MW-FBS-18		JT
				DESCRIPTION:		NTS@A3
				WINDOW CILL WITH CS2 A1 FILLET CAVITY CLOSURE		DATE:
						Jun 23
						REV:
						A

Note:

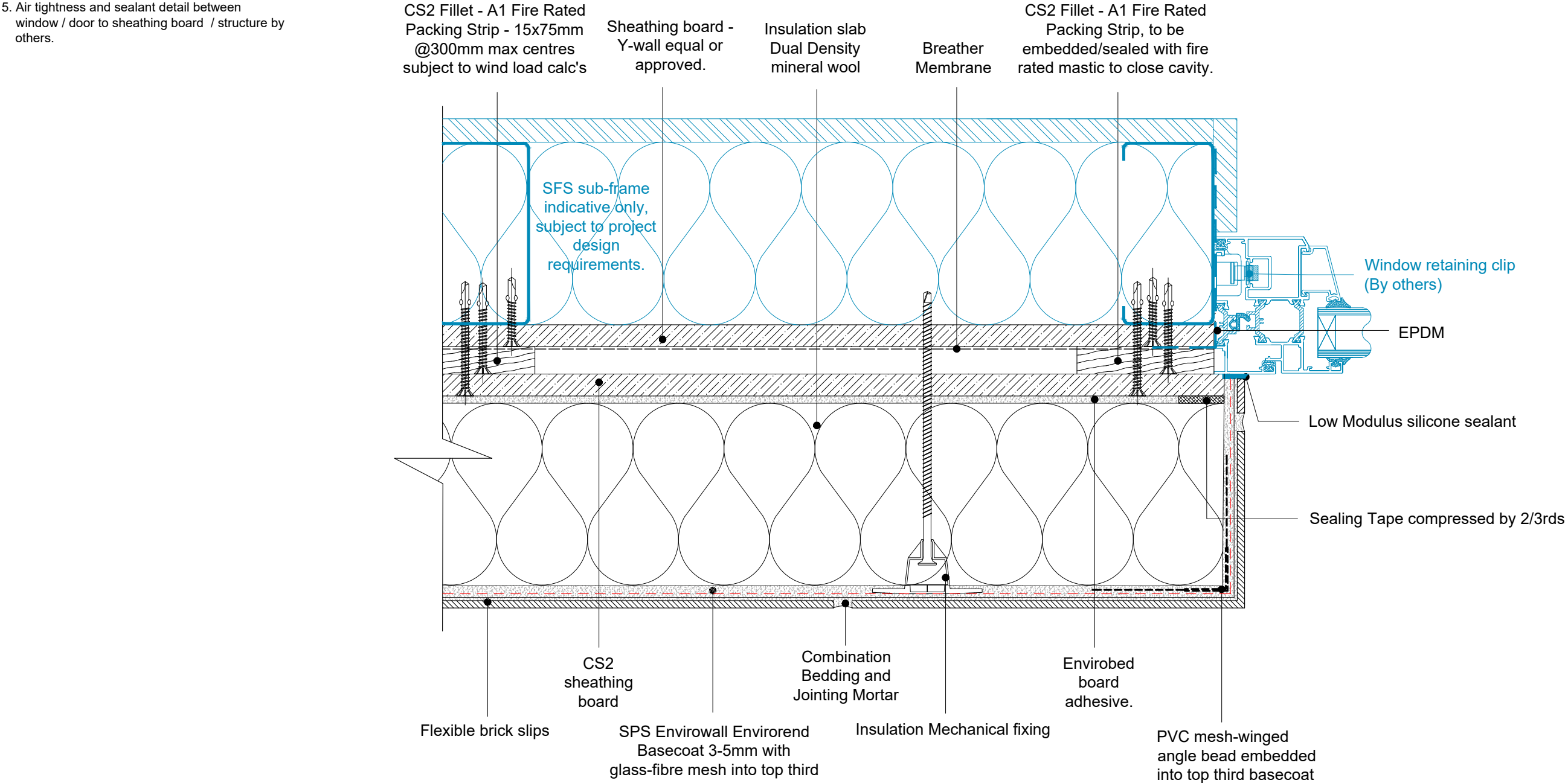
1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
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4. Movement joint within the system and structure please refer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



REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	12/06/23	First Issue	AG	PROJECT:	ISO No: 5213 FBS	AG
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				WINDOW CILL WITH CAVITY BARRIER CLOSURE		DATE:
						Jun 23
						REV:
						A

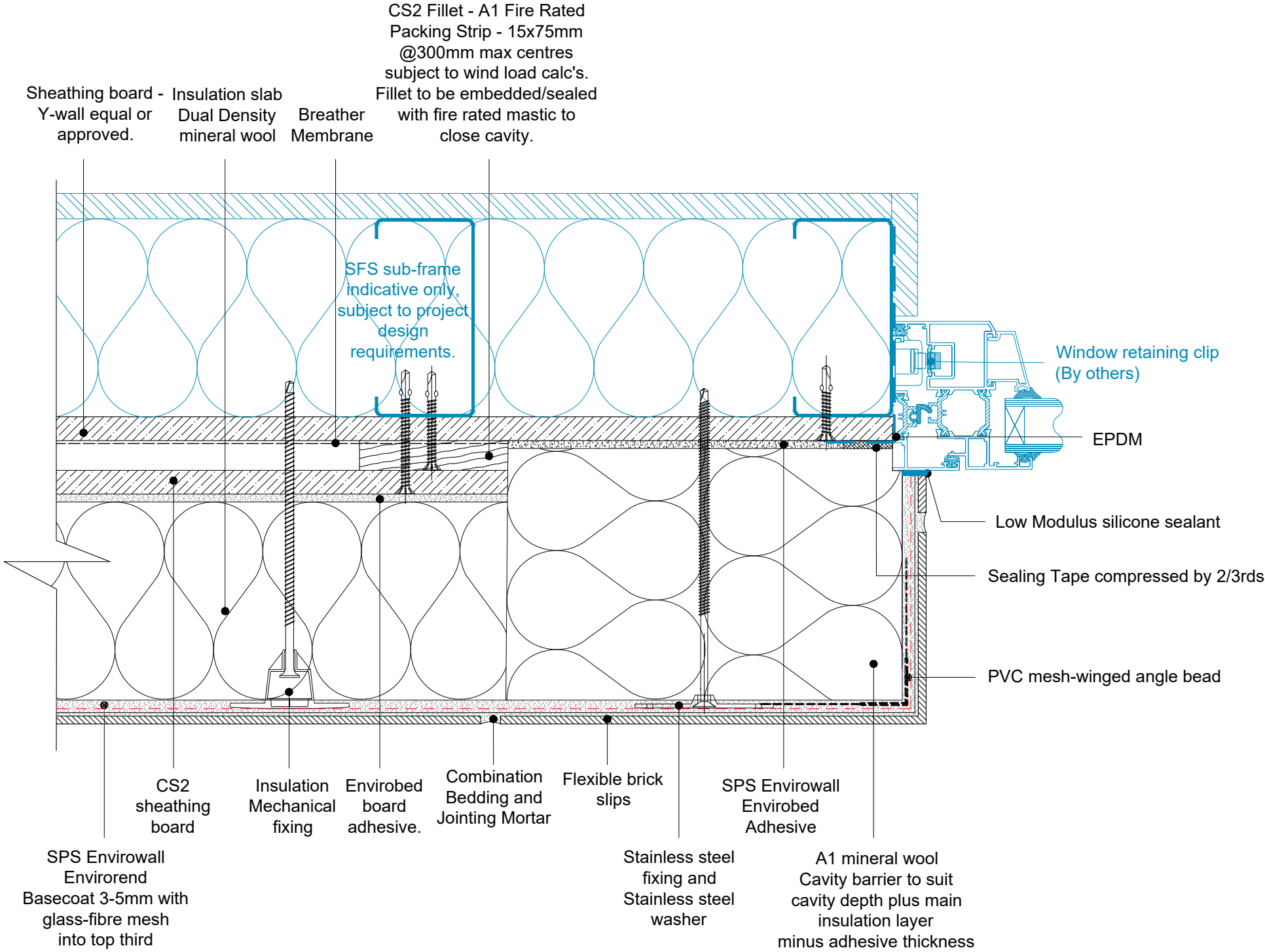
Note:

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



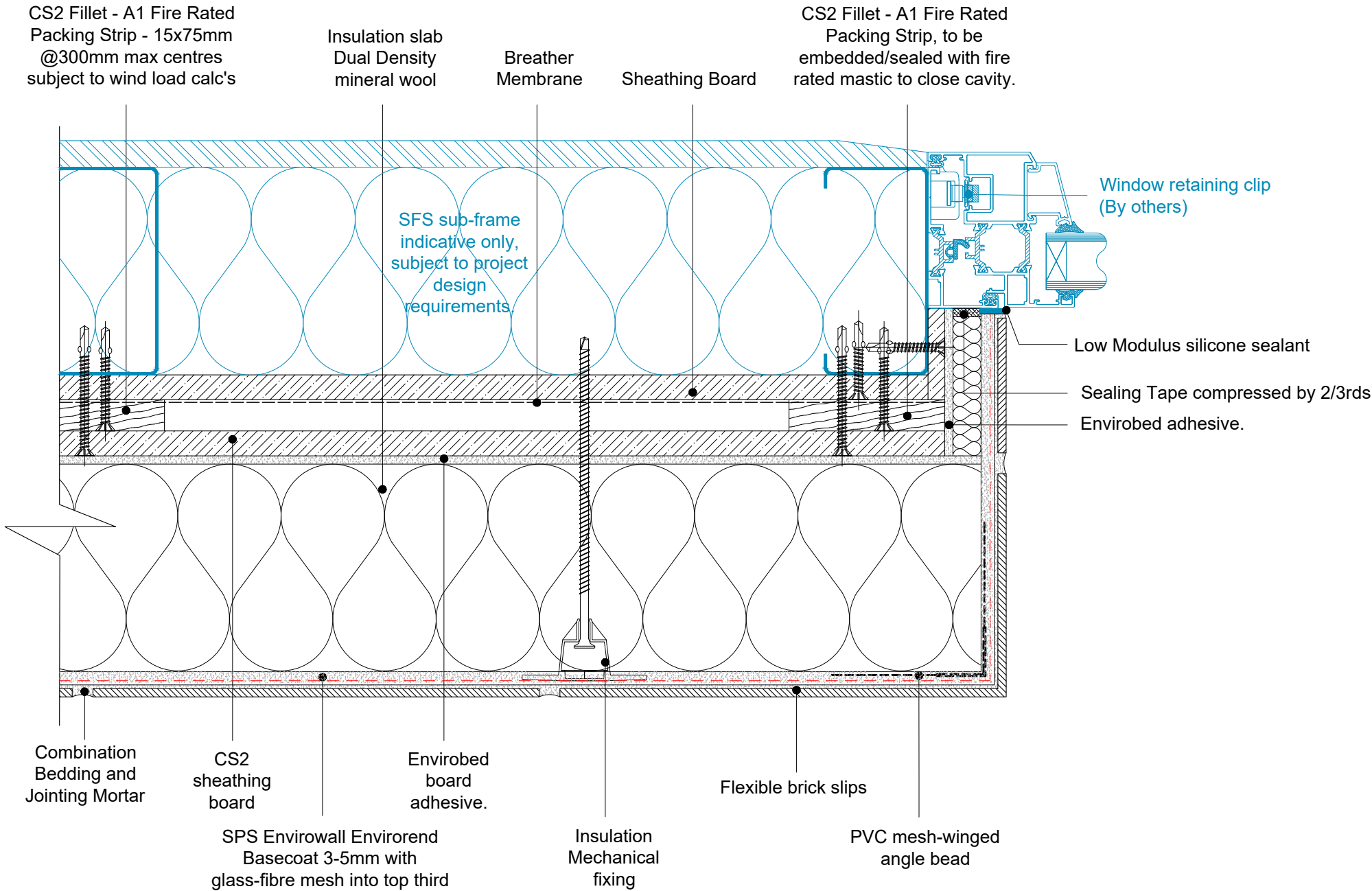
Note:

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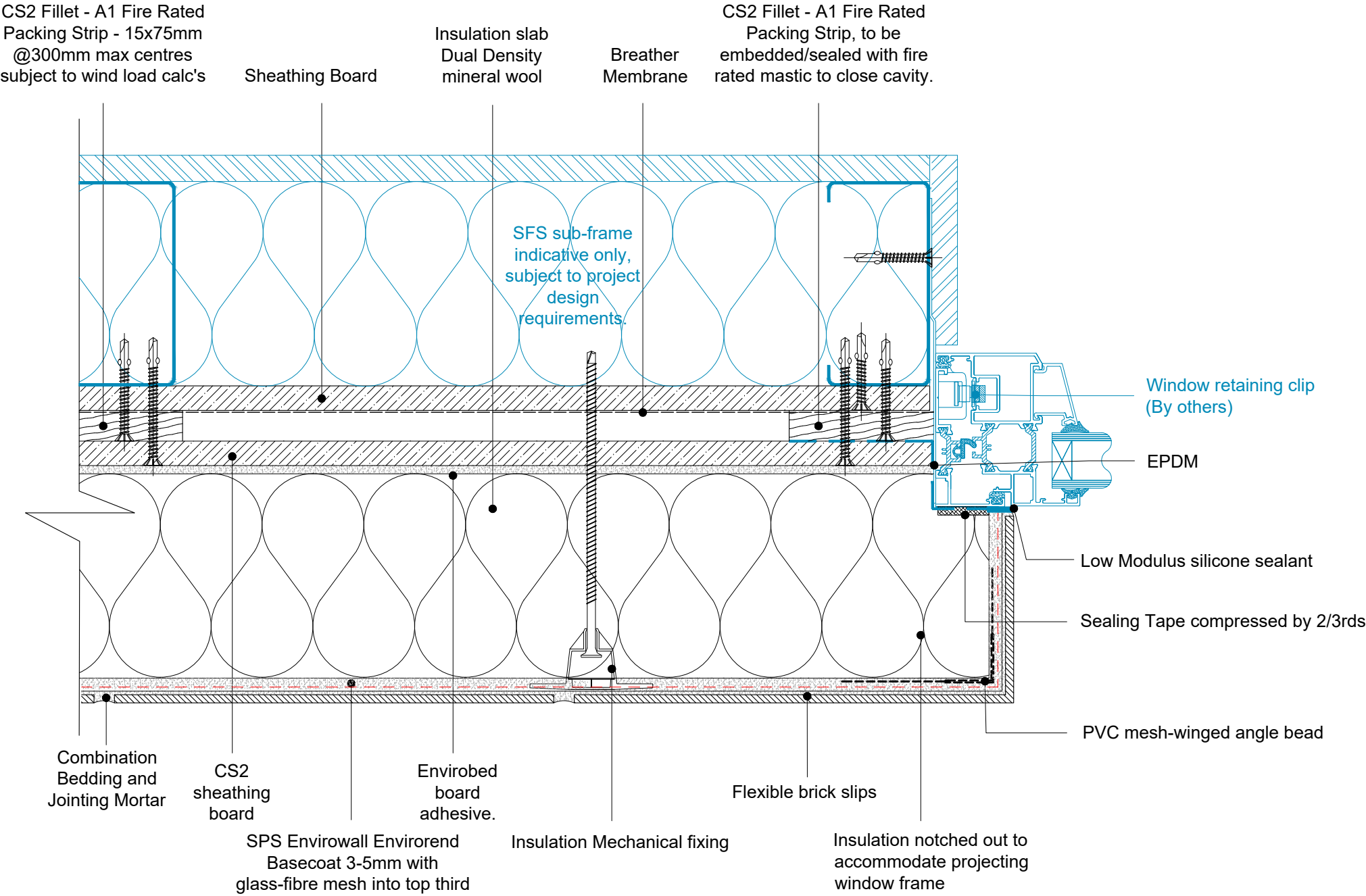
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Option for a full system depth window surround
mineral wool fire barrier see other window details within
this set drawing set.

REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	12/06/23	First Issue	AG	PROJECT:	ISO No: 5213 FBS	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-FBS-22		JT
				DESCRIPTION:		NTS@A3
				WINDOW REVEAL WITH WINDOW SET BACK		DATE:
						Jun 23
						REV:
						A

Note:

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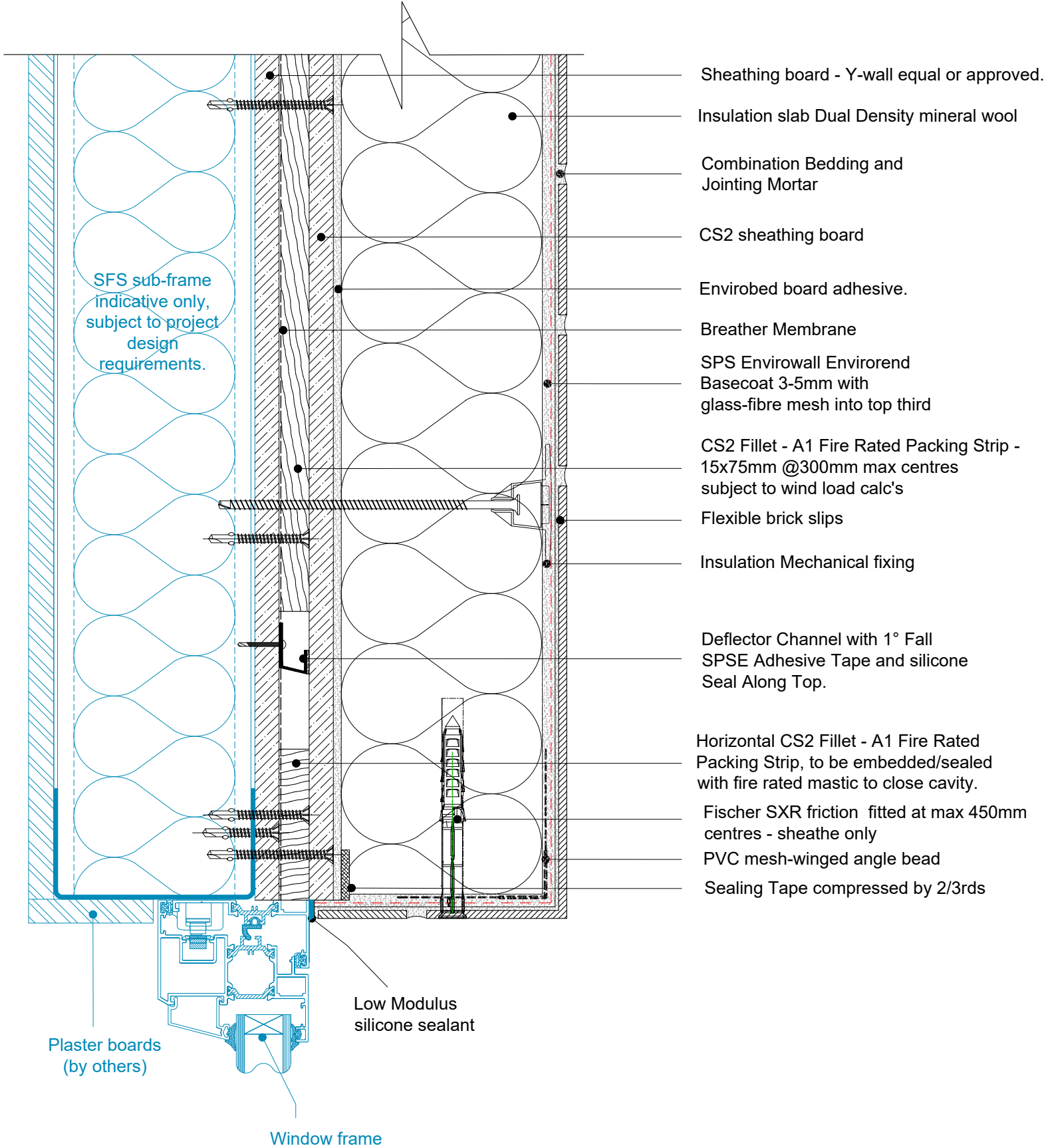
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A	12/06/23	First Issue	AG	PROJECT:	ISO No: 5213 FBS	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-FBS-23		JT
				DESCRIPTION:		NTS@A3
				WINDOW REVEAL WITH WINDOW SET FORWARD		DATE:
						Jun 23
						REV:
						A



Note:

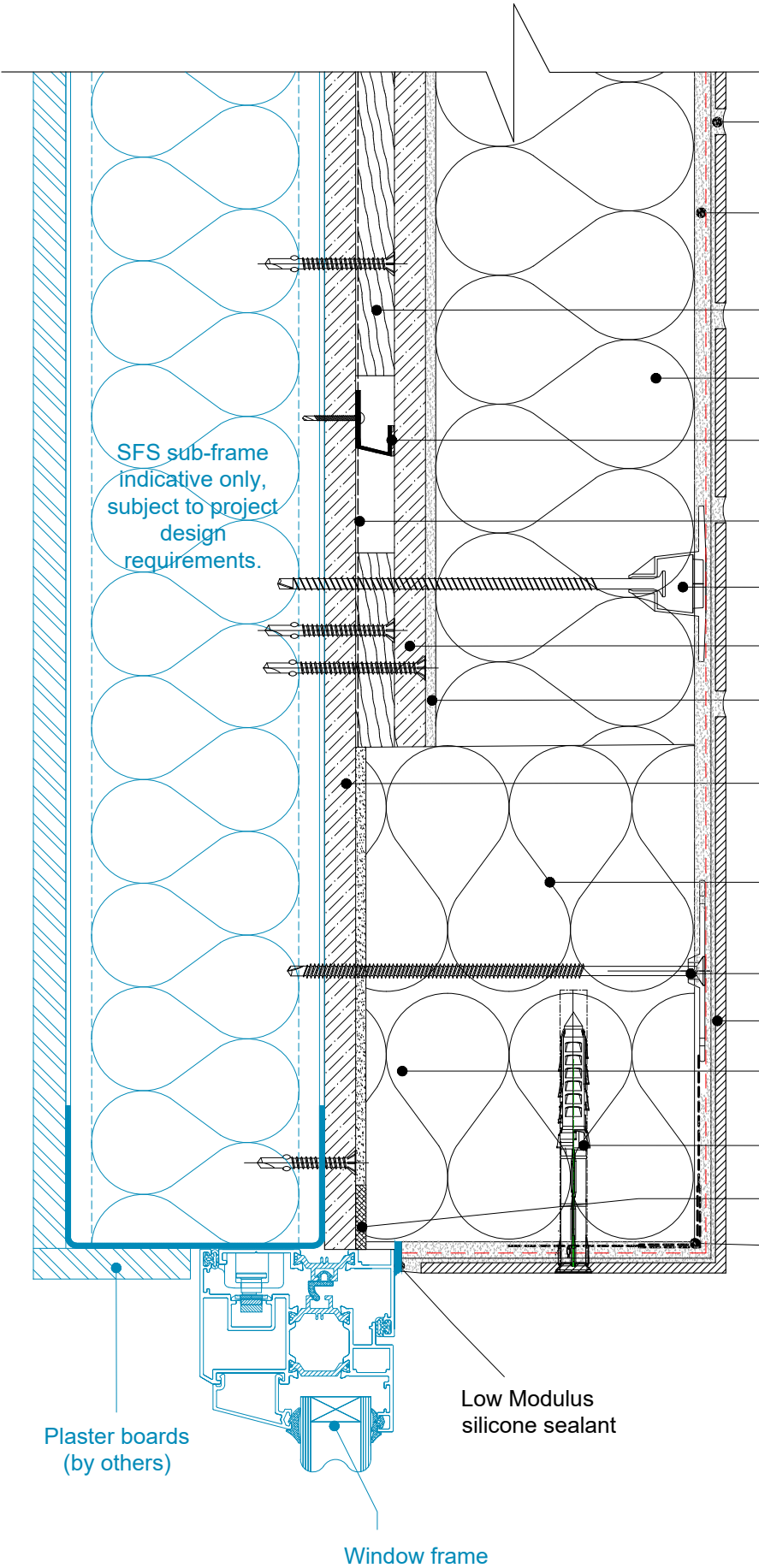
1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
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REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	12/06/23	First issue	AG	PROJECT:	ISO No: 5213 FBS	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-FBS-24		JT
				DESCRIPTION:		NTS@A3
				WINDOW HEAD WITH CS2 A1 FILLET CAVITY CLOSURE		DATE:
						Jun 23
						REV:
						A

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



- Combination Bedding and Jointing Mortar
- SPS Envirowall Envirorend Basecoat 3-5mm with glass-fibre mesh into top third
- CS2 Fillet - A1 Fire Rated Packing Strip - 15x75mm @300mm max centres subject to wind load calc's
- Insulation slab HD mineral wool
- Deflector Channel with 1° Fall
SPSE Adhesive Tape and silicone Seal Along Top.
- Breather Membrane
- Insulation Mechanical fixing
- CS2 sheathing board
- Envirobed board adhesive.
- Sheathing board - Y-wall equal or approved.
- A1 mineral wool Cavity barrier to suit cavity depth plus main insulation layer minus adhesive thickness
- Stainless steel fixing and Stainless steel washer
- Flexible brick slips
- SPS Envirowall Envirobed Adhesive
- Fischer SXR friction fitted at max 450mm centres - sheathe only
- Sealing Tape compressed by 2/3rds
- PVC mesh-winged angle bead

Plaster boards
(by others)

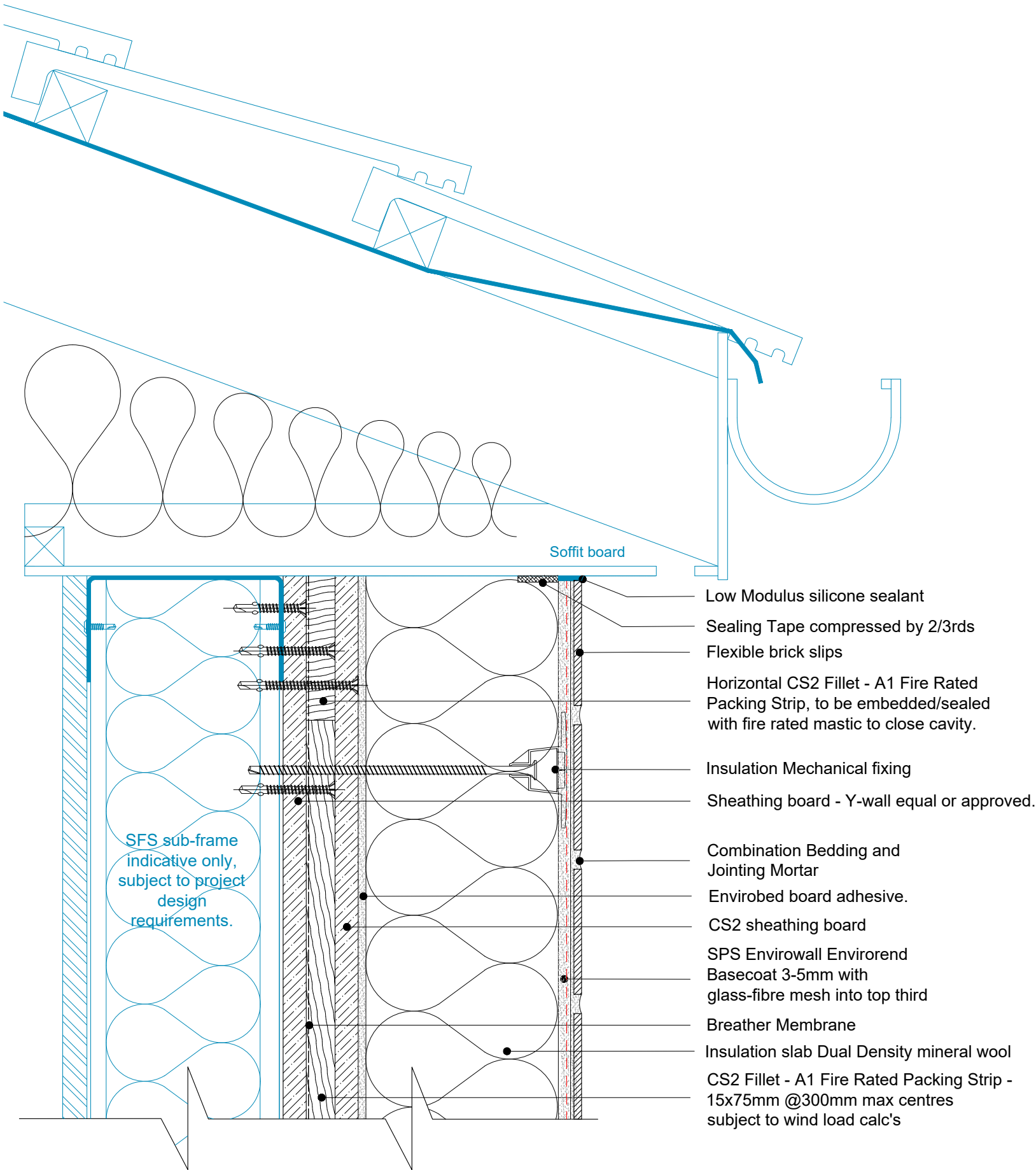
Low Modulus
silicone sealant

Window frame

REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	12/06/23	First Issue	AG	PROJECT:	ISO No: 5213 FBS	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-FBS-25		JT
				DESCRIPTION:		NTS@A3
				WINDOW HEAD WITH CAVITY BARRIER CLOSURE		DATE:
						Jun 23
						REV:
						A

Note:

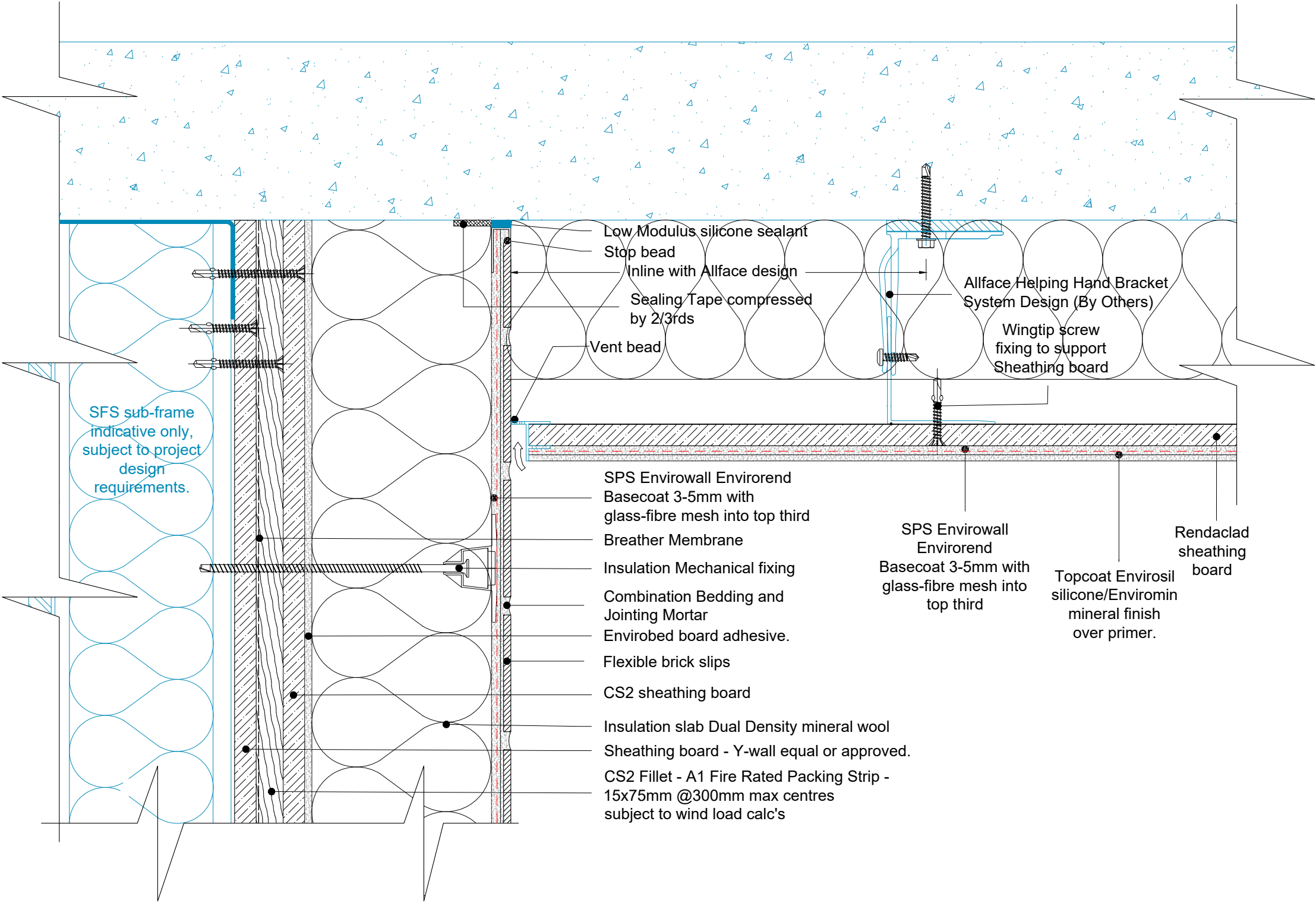
1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
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REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	12/06/23	First Issue	AG	PROJECT:	ISO No: 5213 FBS	AG
				TYPICAL DETAILS CS2		CHECK:
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						Jun 23
						REV:
						A

Note:

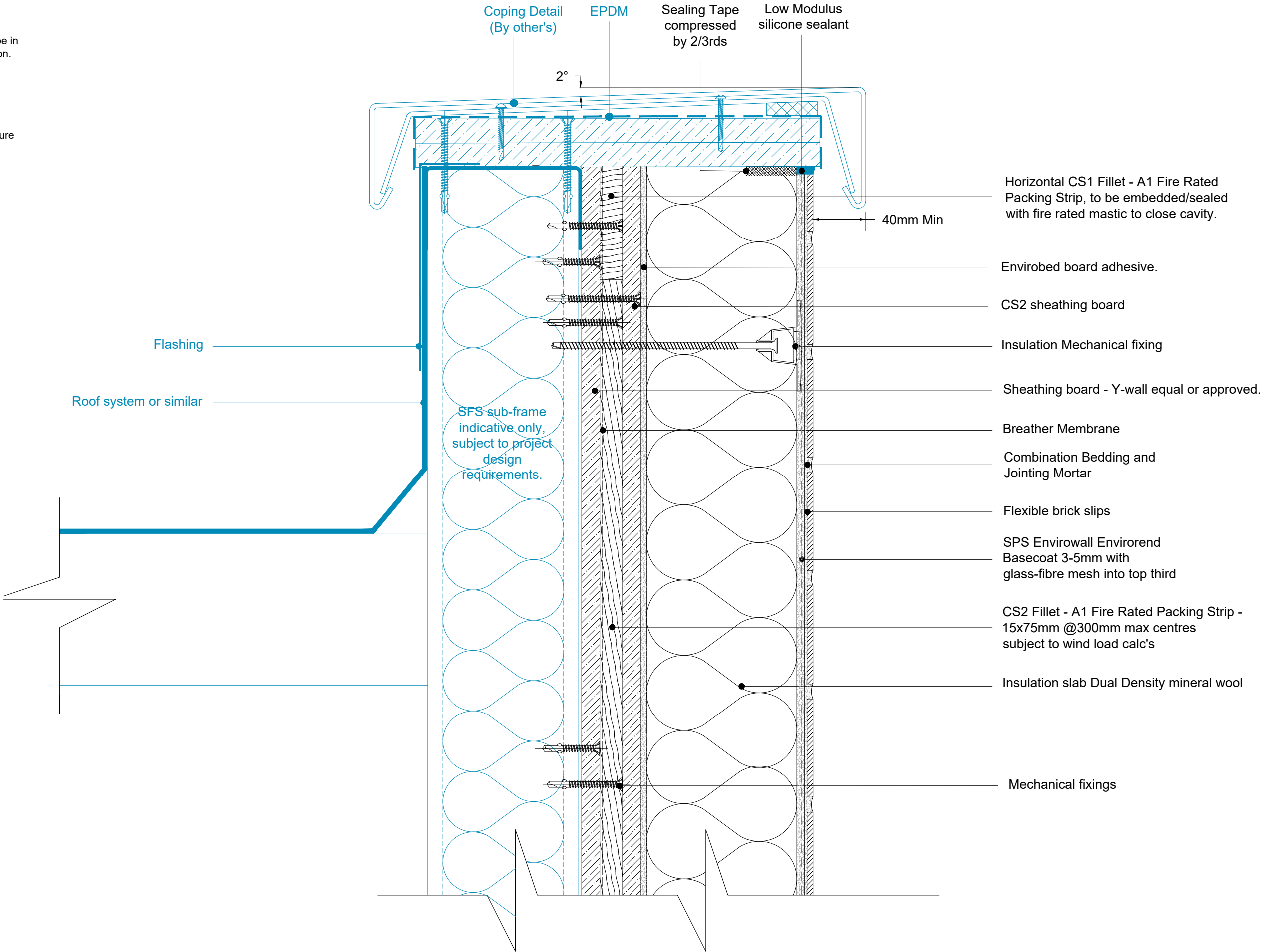
1. The EWI system illustrated are based on a typical system - All insulation thickness, mechanical fixing, beads trims, sealants to be in line with and refer to project M21 specification.
2. All main sheathing board joints to be sealed with RCM tape + Dafa tape.
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4.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



REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	12/06/23	First Issue	AG	PROJECT:	ISO No: 5213 FBS	AG
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				DESCRIPTION:		NTS@A3
				SUSPENDED SOFFIT DETAIL		DATE:
						Jun 23
						REV:
						A

Note:

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



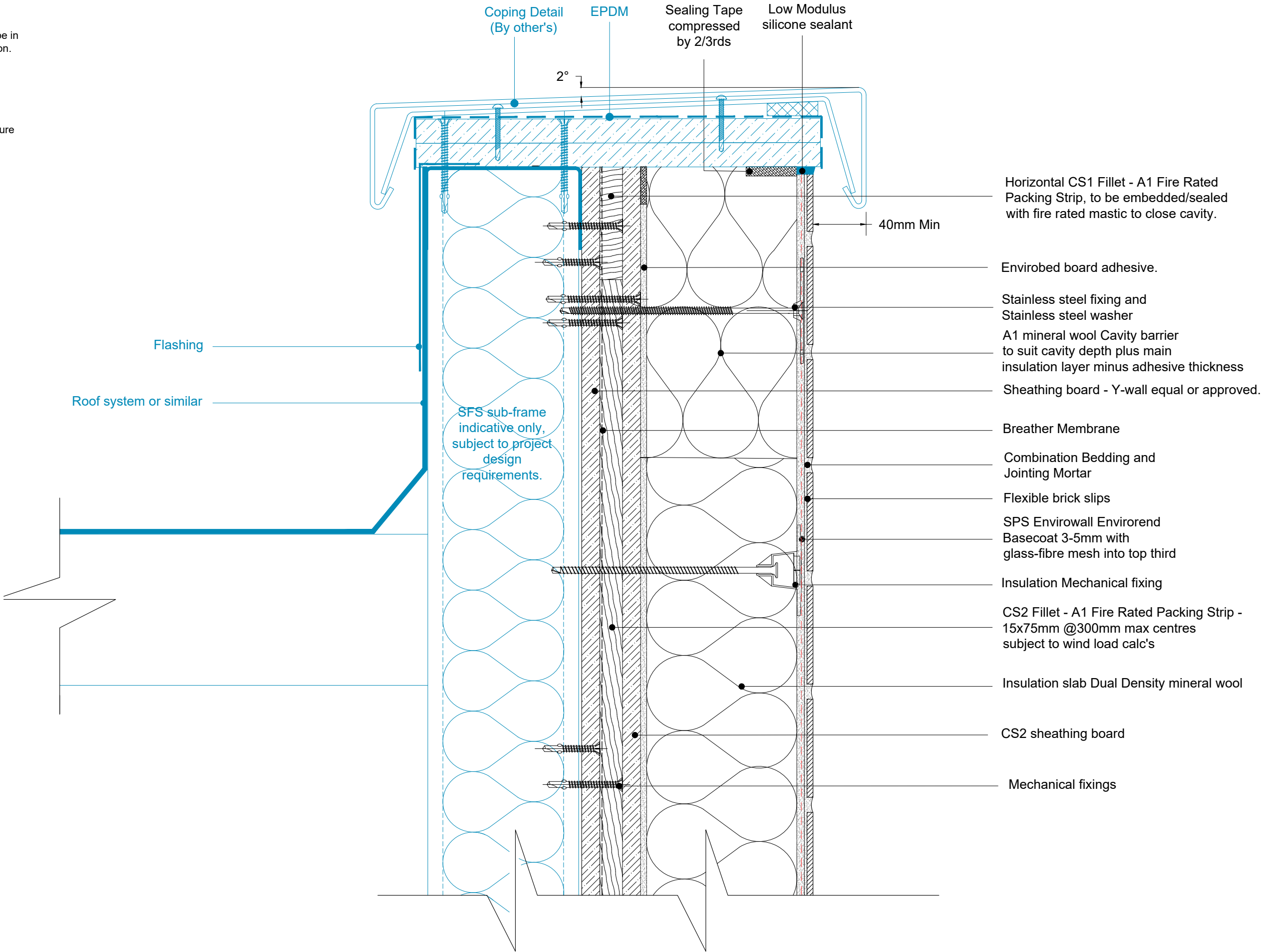
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REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	12/06/23	First Issue	AG	PROJECT:	ISO No: 5213 FBS	AG
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				DRAWING No: TD-CS2-SFS-MW-FBS-28		JT
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				COPING DETAIL		DATE:
						Jun 23
						REV:
						A

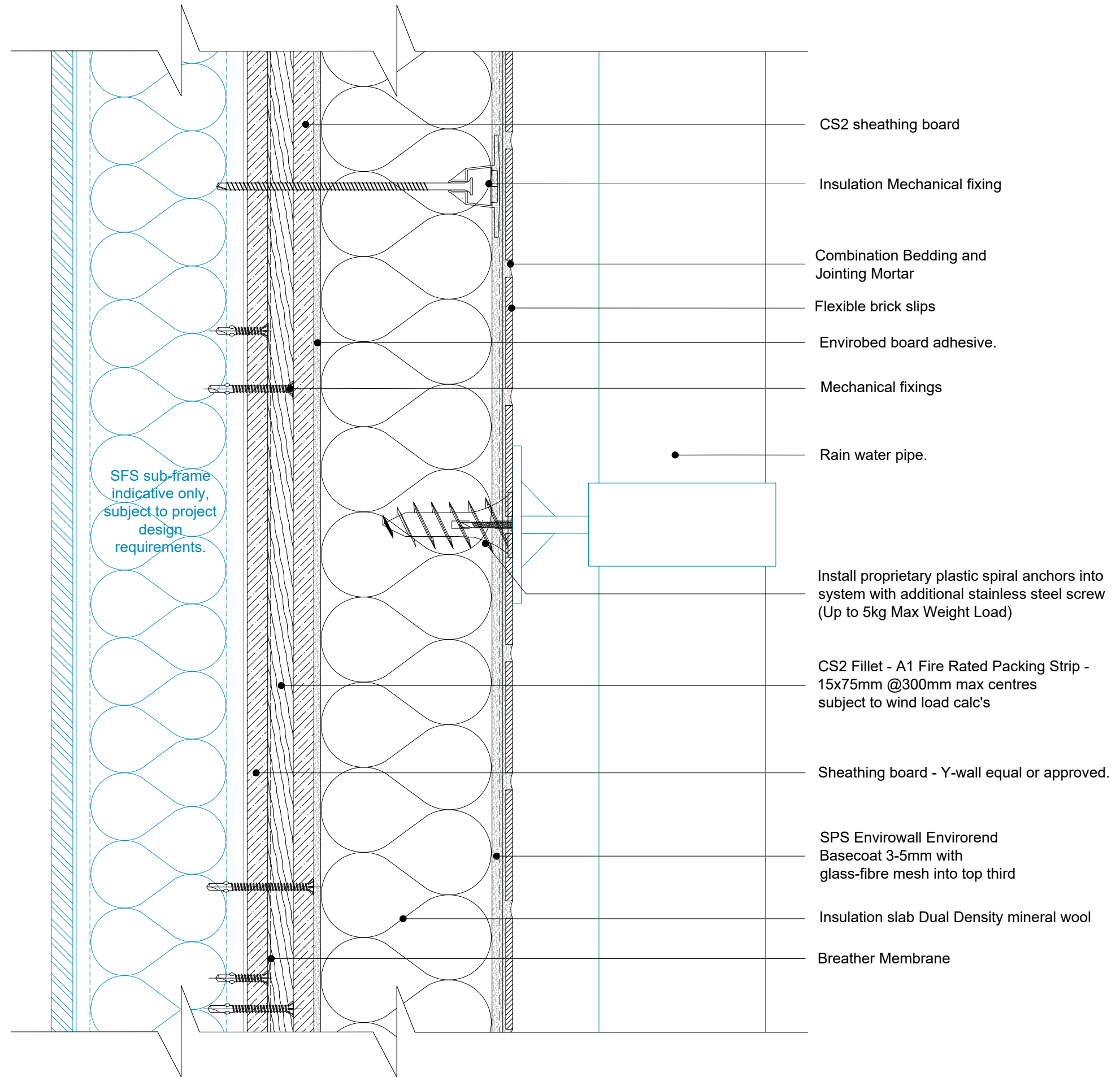
Note:

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	12/06/23	First Issue	AG	PROJECT:	ISO No: 5213 FBS	AG
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						JT
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				DESCRIPTION:		DATE:
				COPING DETAIL WITH MINERAL WOOL		Jun 23
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						A

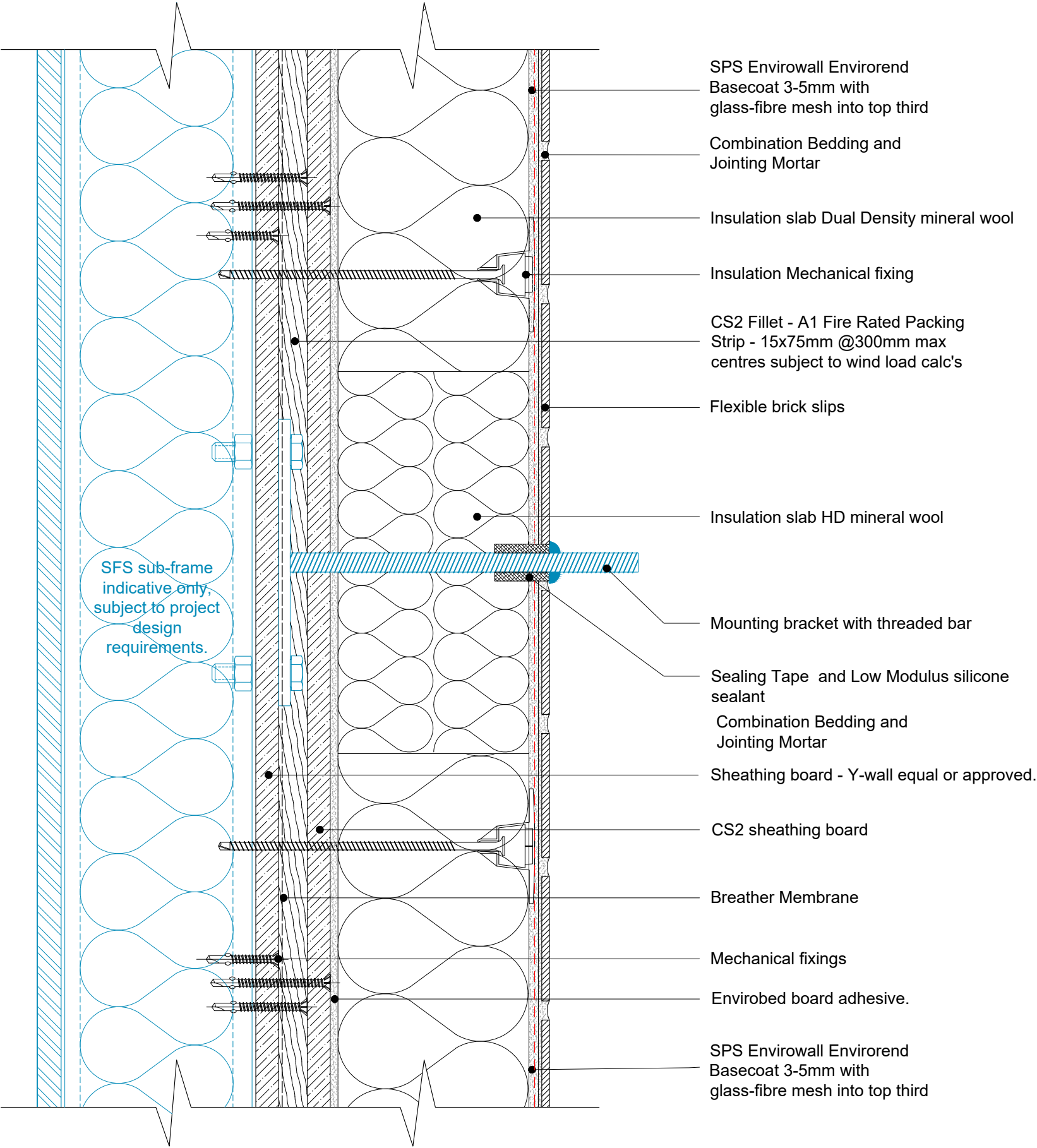
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REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN: AG
A	12/06/23	First Issue	AG	PROJECT:	ISO No: 5213 FBS	CHECK: JT
				TYPICAL DETAILS CS2		NTS@A3
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				DESCRIPTION:		Jun 23
				LIGHT WEIGHT MOUNTING DETAIL		REV: A

Note:

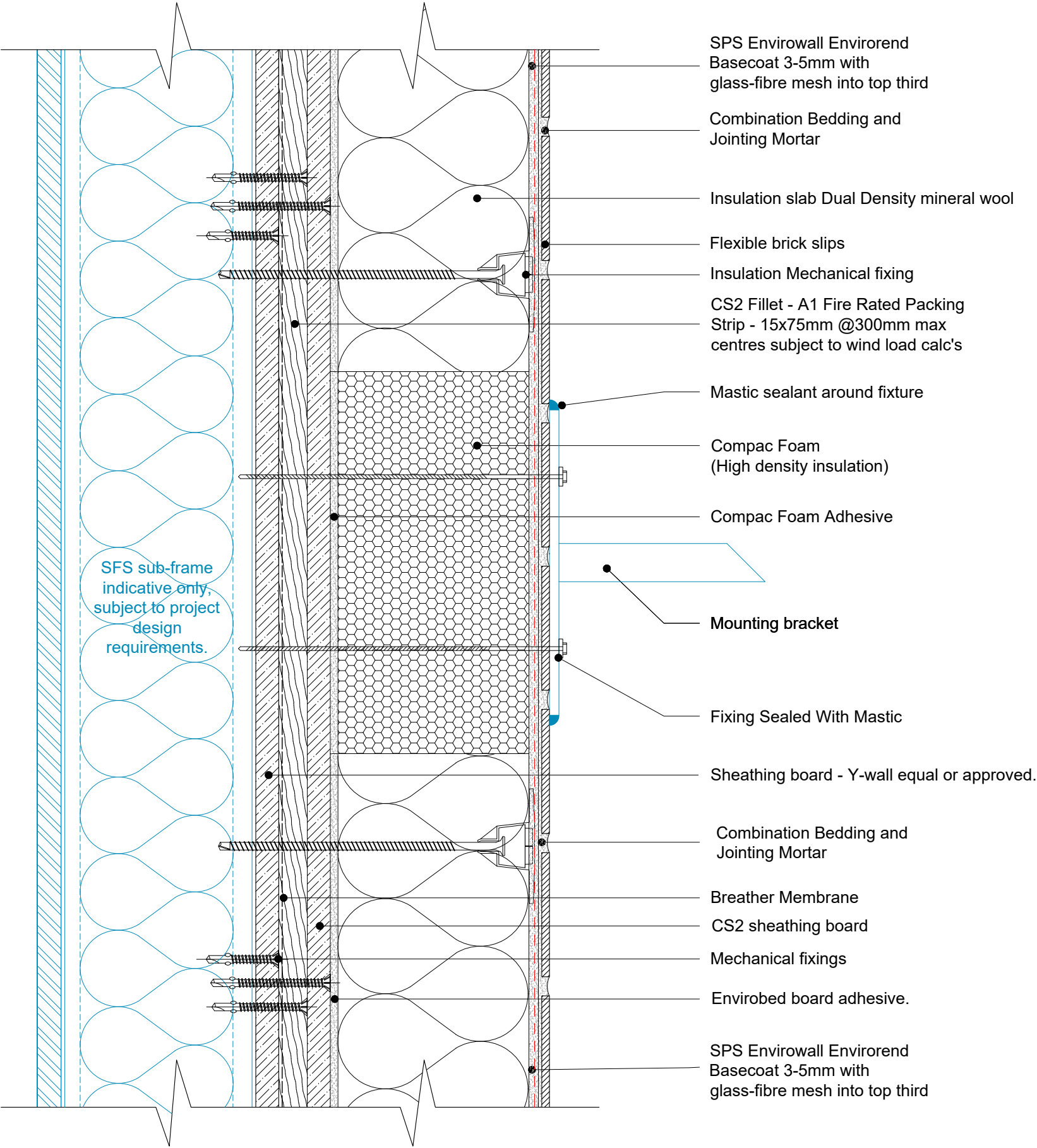
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REV	DATE	NOTE	BY	STATUS:	AG	AG	AG	AG	AG
A	12/06/23	First Issue	AG	PROJECT:	ISO No: 5213 FBS	CHECK:	NTS@A3	DATE:	Jun 23
				TYPICAL DETAILS CS2		REV:	A		
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				DESCRIPTION:					
				HEAVY DUTY MOUNTING BRACKET					

Note:

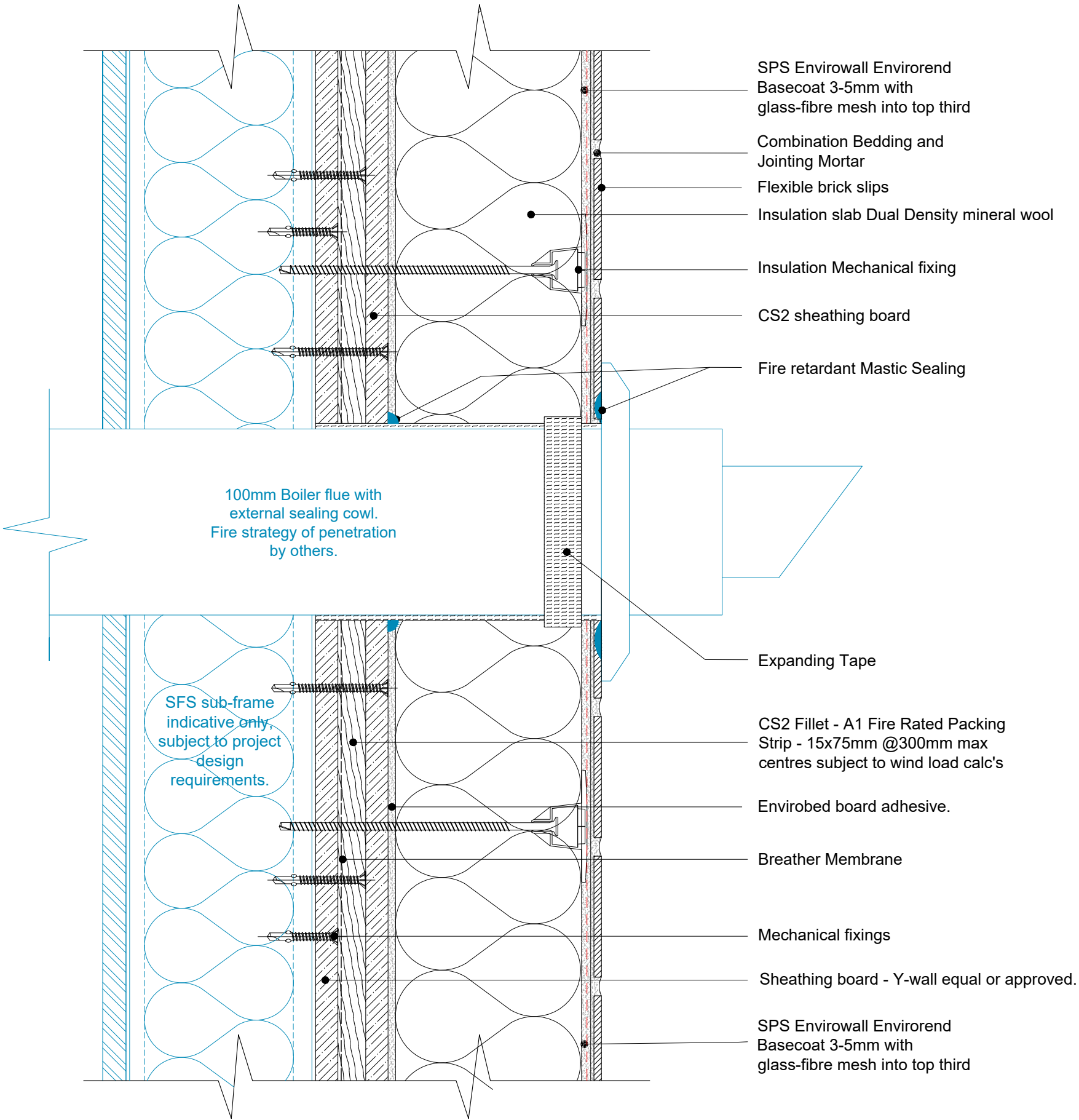
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REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	12/06/23	First Issue	AG	PROJECT:	ISO No: 5213 FBS	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-FBS-32		JT
				DESCRIPTION:		NTS@A3
				HEAVY DUTY MOUNTING BRACKET		DATE:
						Jun 23
						REV:
						A

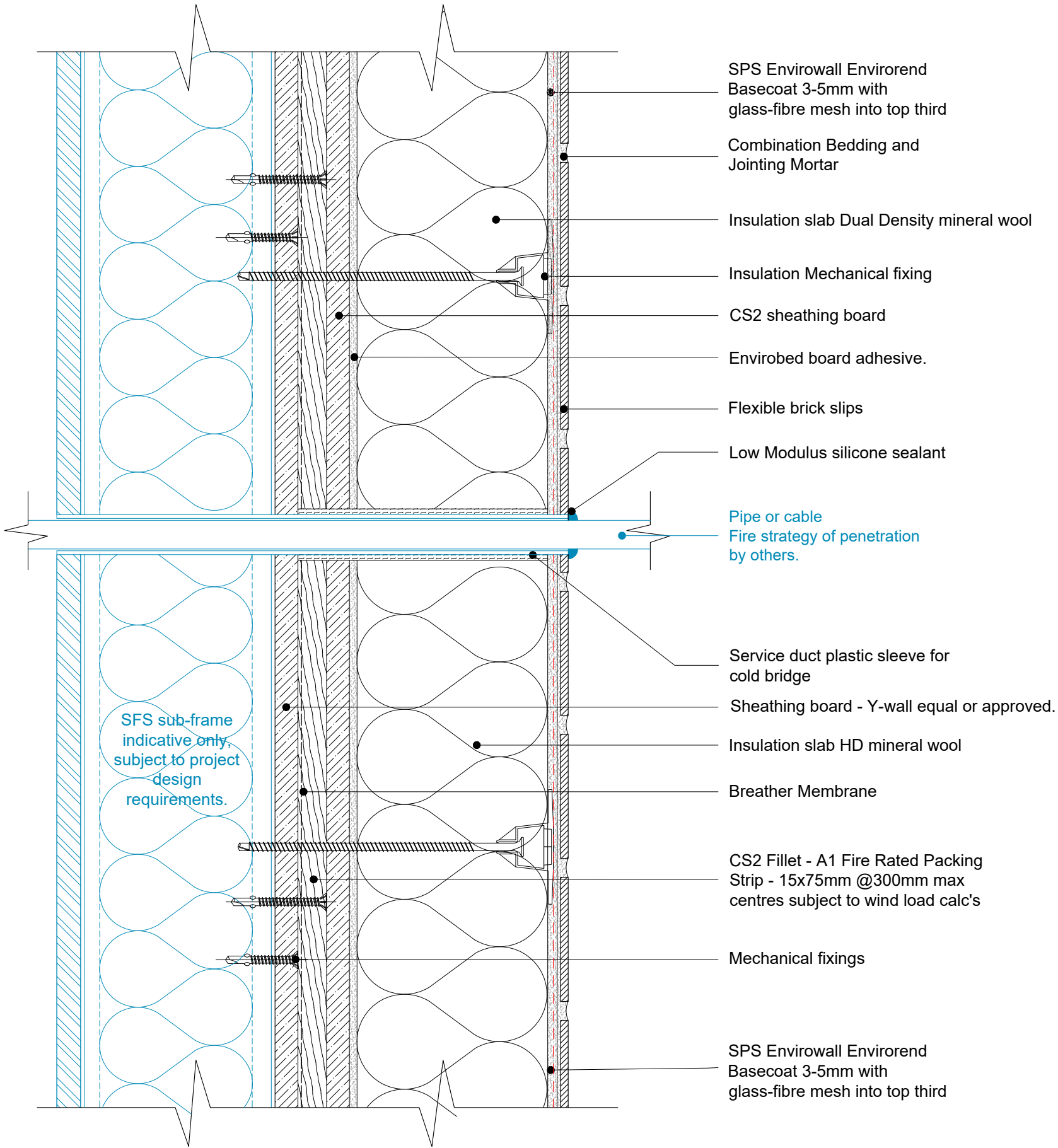
Note:

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REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	12/06/23	First Issue	AG	PROJECT:	ISO No: 5213 FBS	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-FBS-33		JT
				DESCRIPTION:		NTS@A3
				BOILER FLUE OR EXTRACT FAN DETAILS		DATE:
						Jun 23
						REV:
						A

- Note:
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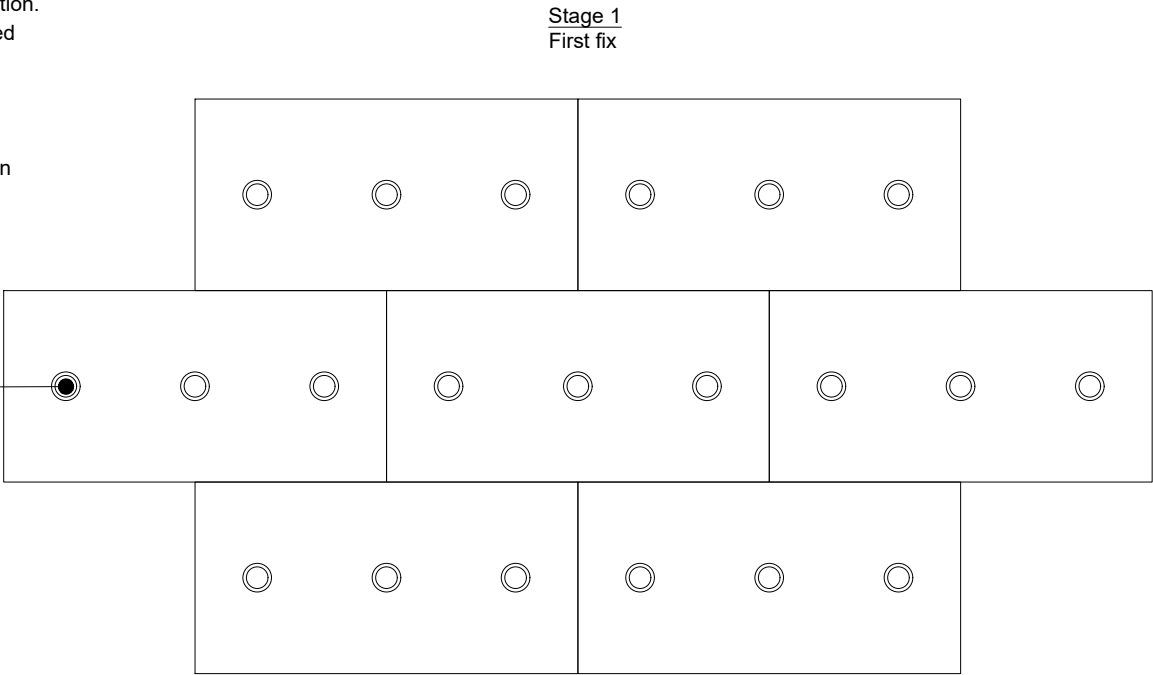
REV	DATE	NOTE	BY	STATUS:	INFORMATION	DRAWN:
A	12/06/23	First Issue	AG	PROJECT:	ISO No: 5213 FBS	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-FBS-34		JT
				DESCRIPTION:		NTS@A3
				PIPE OR CABLE DETAIL		DATE:
						Jun 23
						REV:
						A



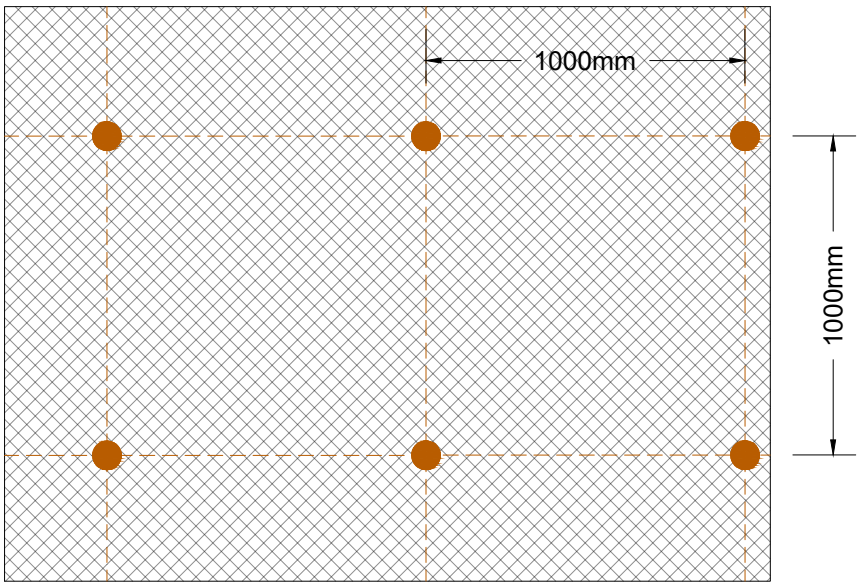
Note:

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. Please refer to wind loading calculations on contract.

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

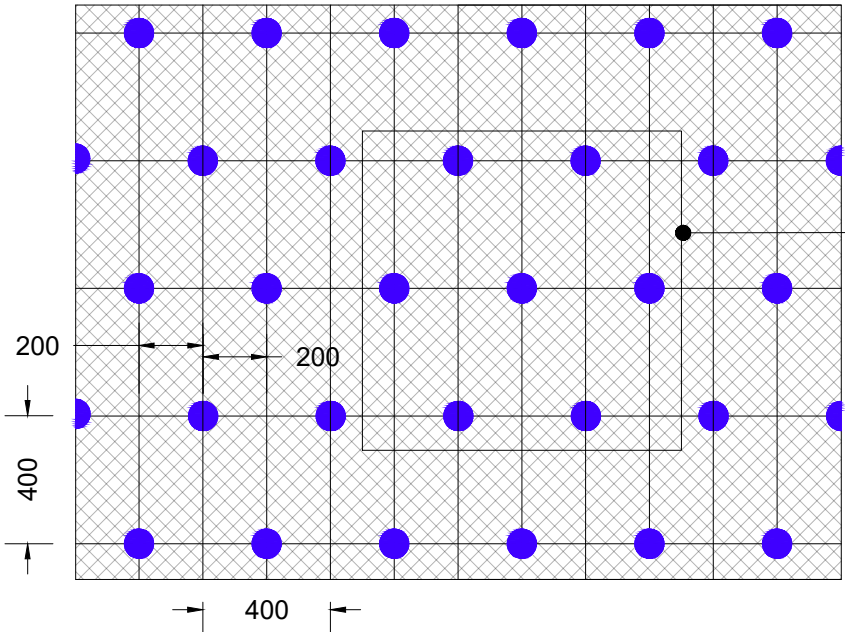


Stage 3
Fire fixings

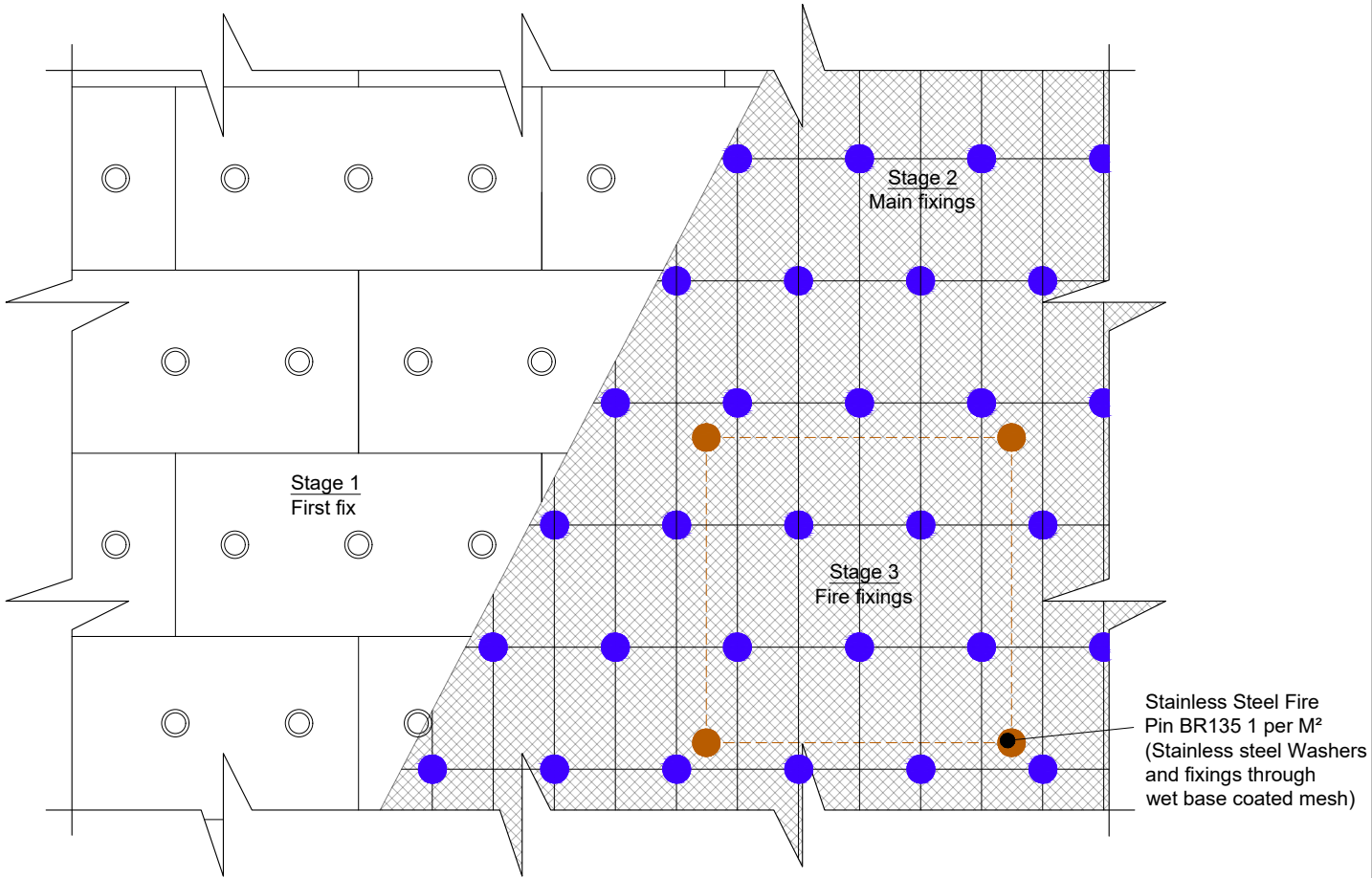


Design Wind Load Values	Number of fixings (Per M²)	Design Resistance (KN)
3.3	8	0.39*
2.6	7	
1.95	5	

Stage 2
Main fixings



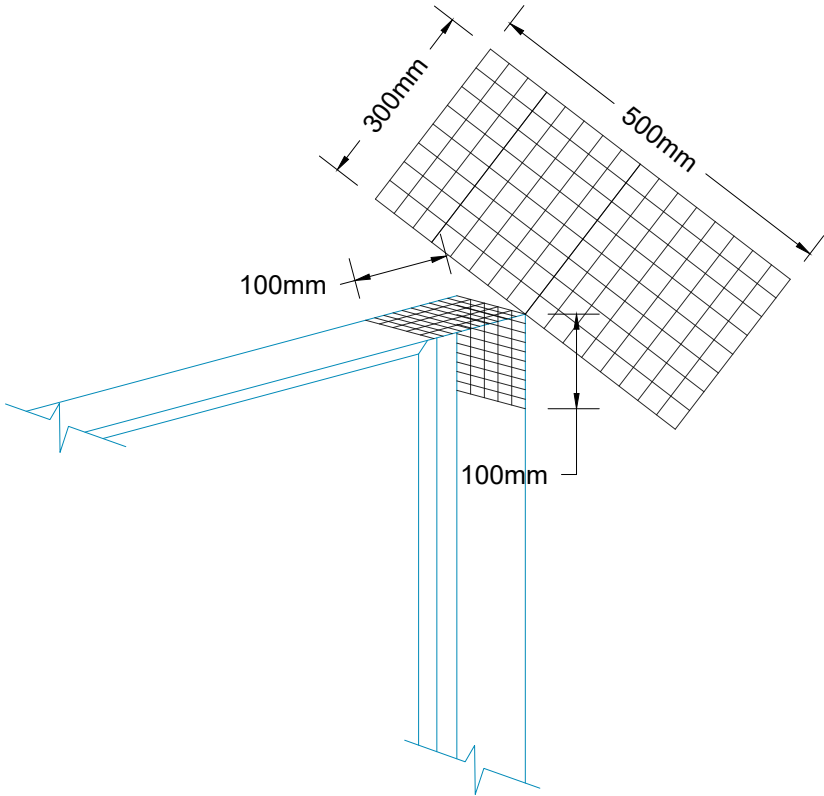
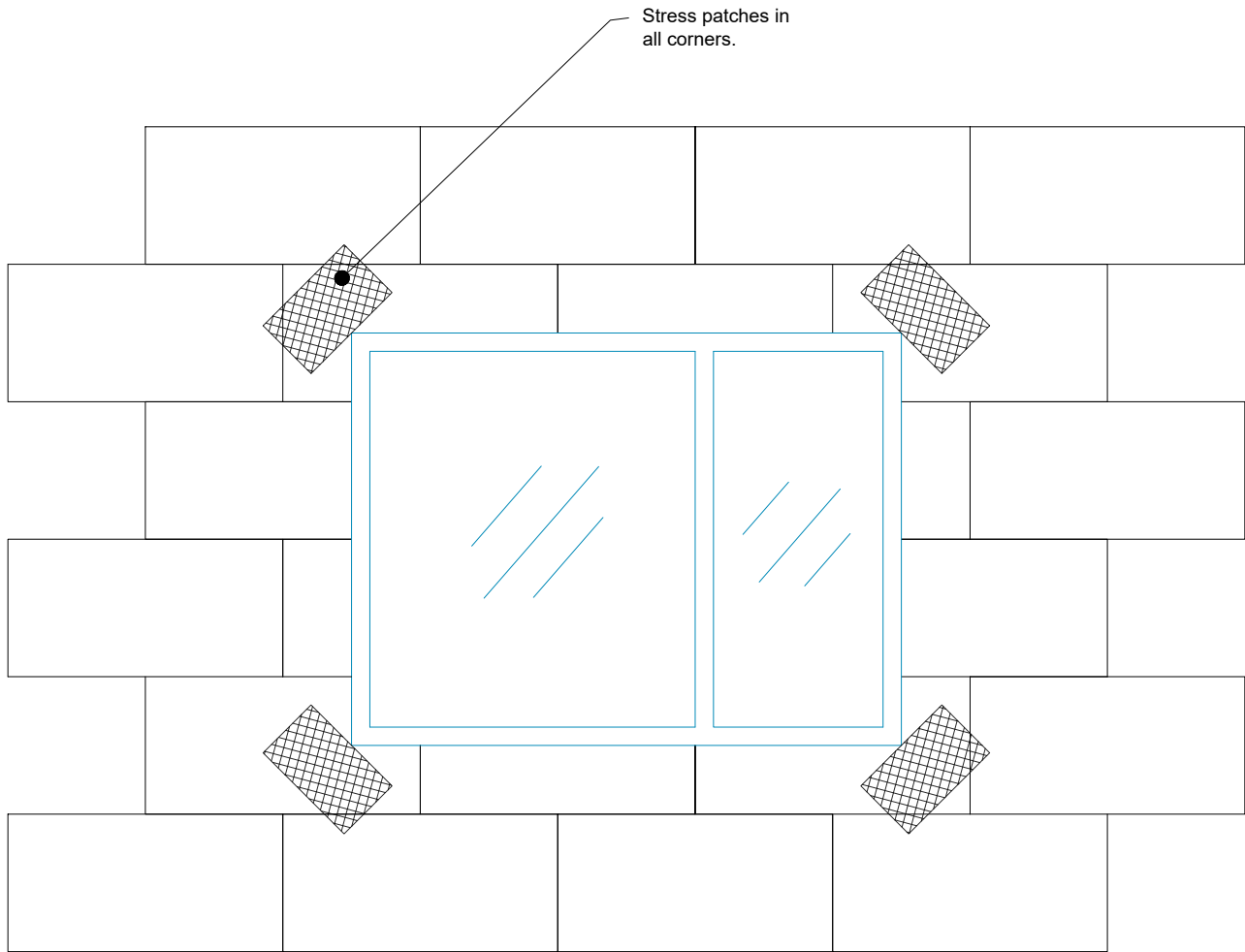
Basecoat and mesh
min 7 fixings per M²
patten fixed through
wet base coated mesh
with 100x100mm
mesh patches.
(No requirement for 90mm
oversized washer when
fixing through it)



Stainless Steel Fire
Pin BR135 1 per M²
(Stainless steel Washers
and fixings through
wet base coated mesh)

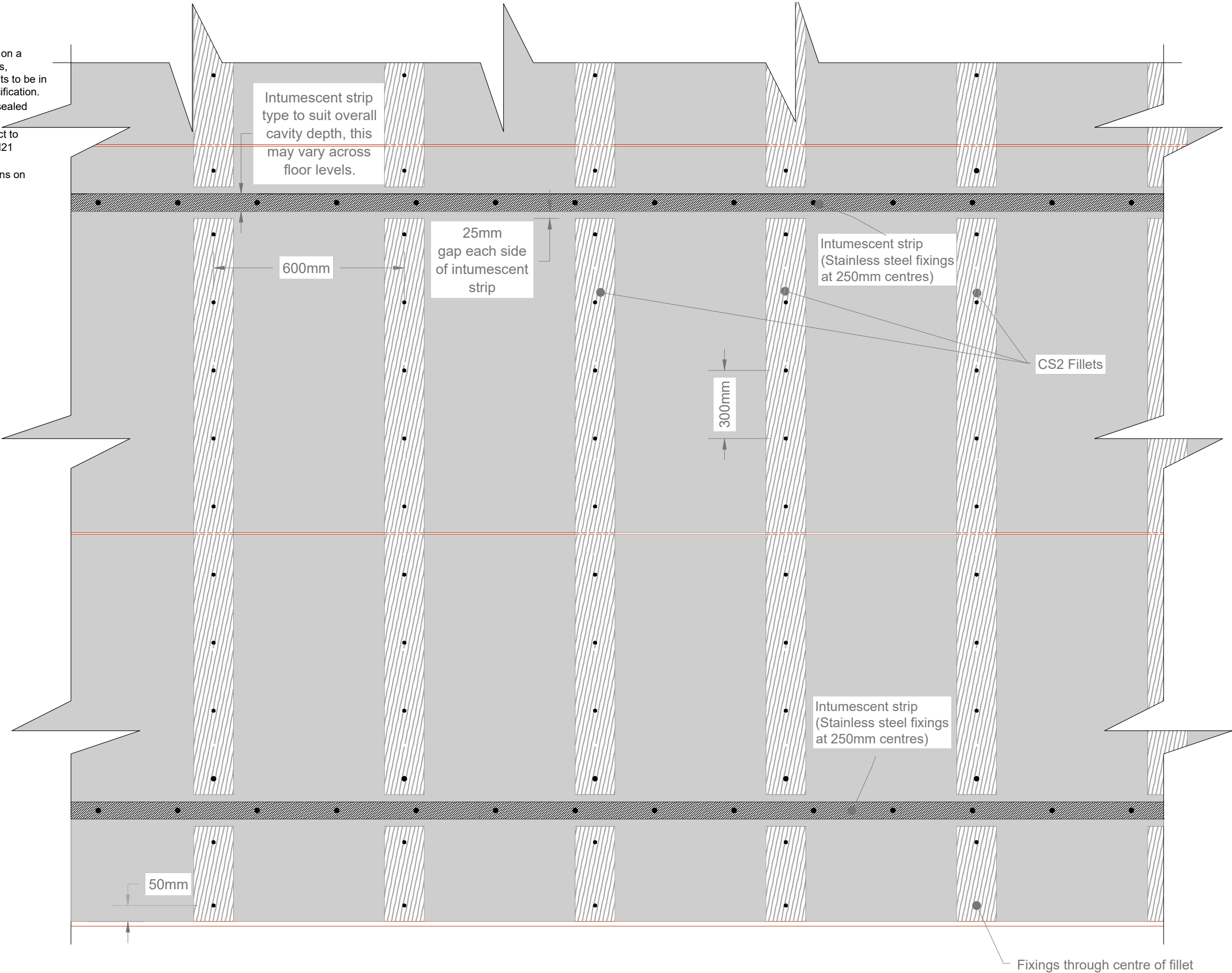
Note:

- 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.



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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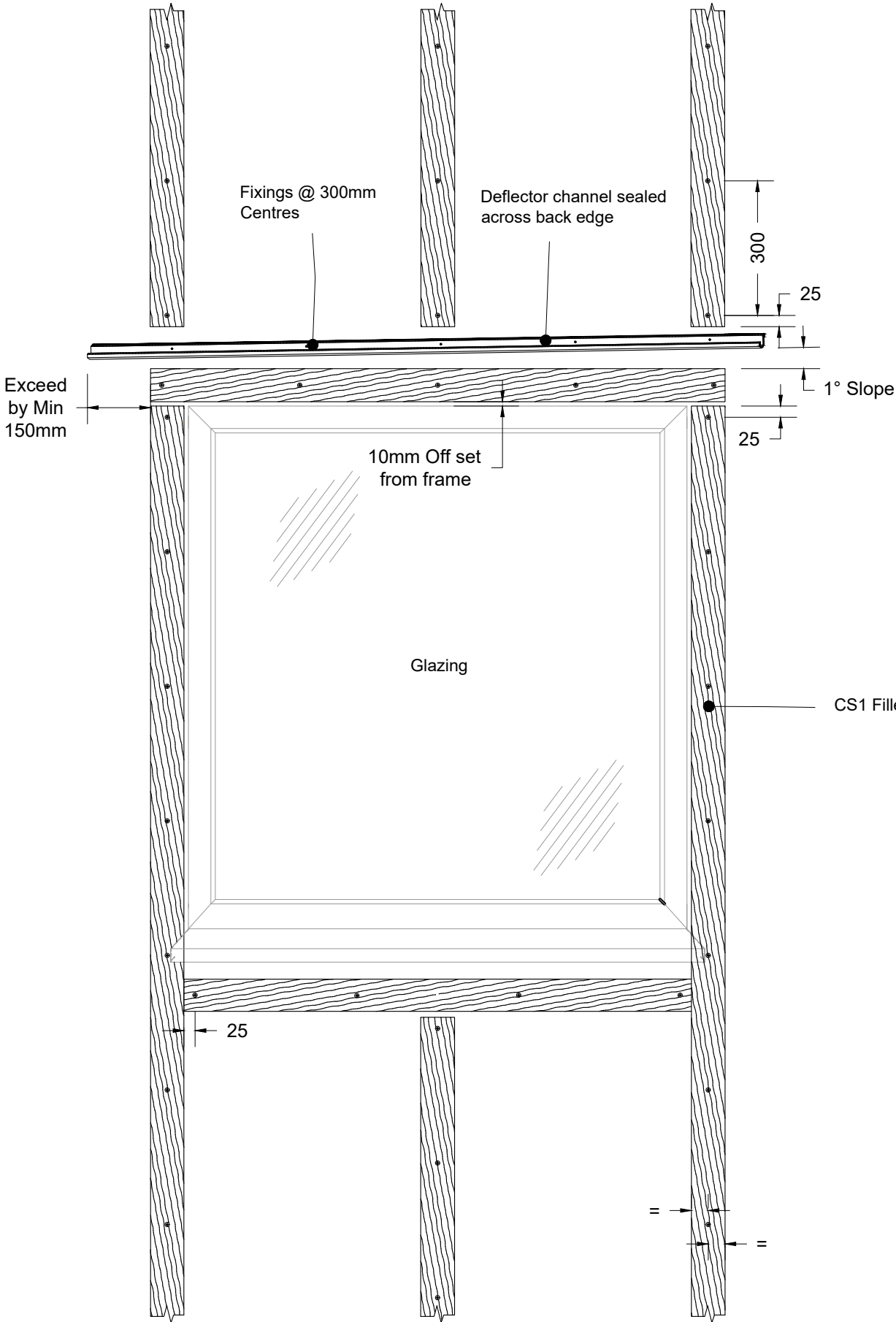
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A	12/06/23	First Issue	AG	PROJECT:	ISO No: 5213 FBS	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-FBS-37		JT
				DESCRIPTION:		NTS@A3
				FILLET FIXING DETAILS		DATE:
						Jun 23
						REV:
						A

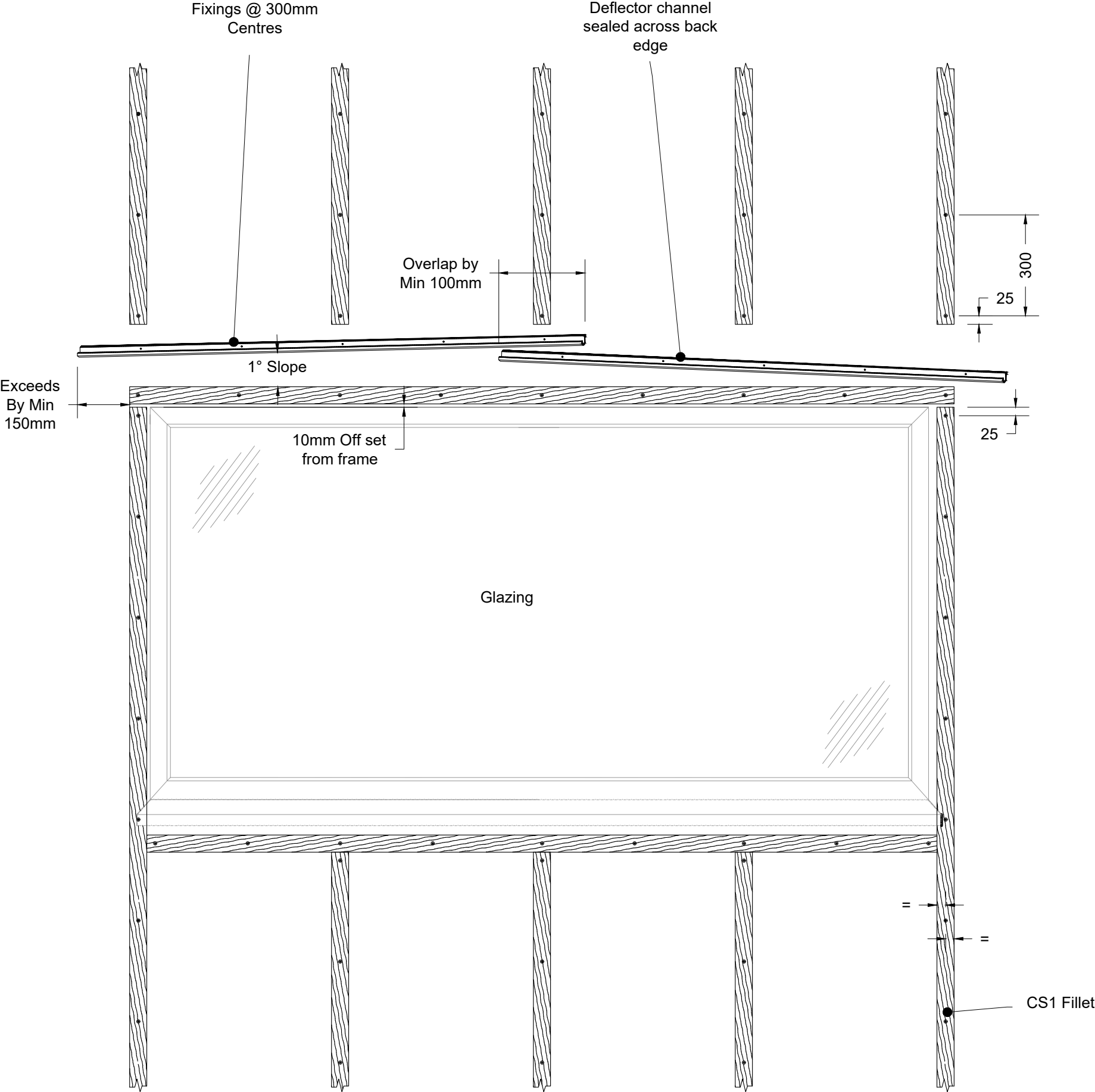
Note:

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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Note:

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A	18/04/23	First Issue	AG	PROJECT:	ISO No: 5213 FBS	AG
				TYPICAL DETAILS CS2		CHECK:
				DRAWING No: TD-CS2-SFS-MW-FBS-38		JT
				DESCRIPTION:		NTS@A3
				Fillet fixing detail around small window		DATE:
						Apr 23
						REV:
						A