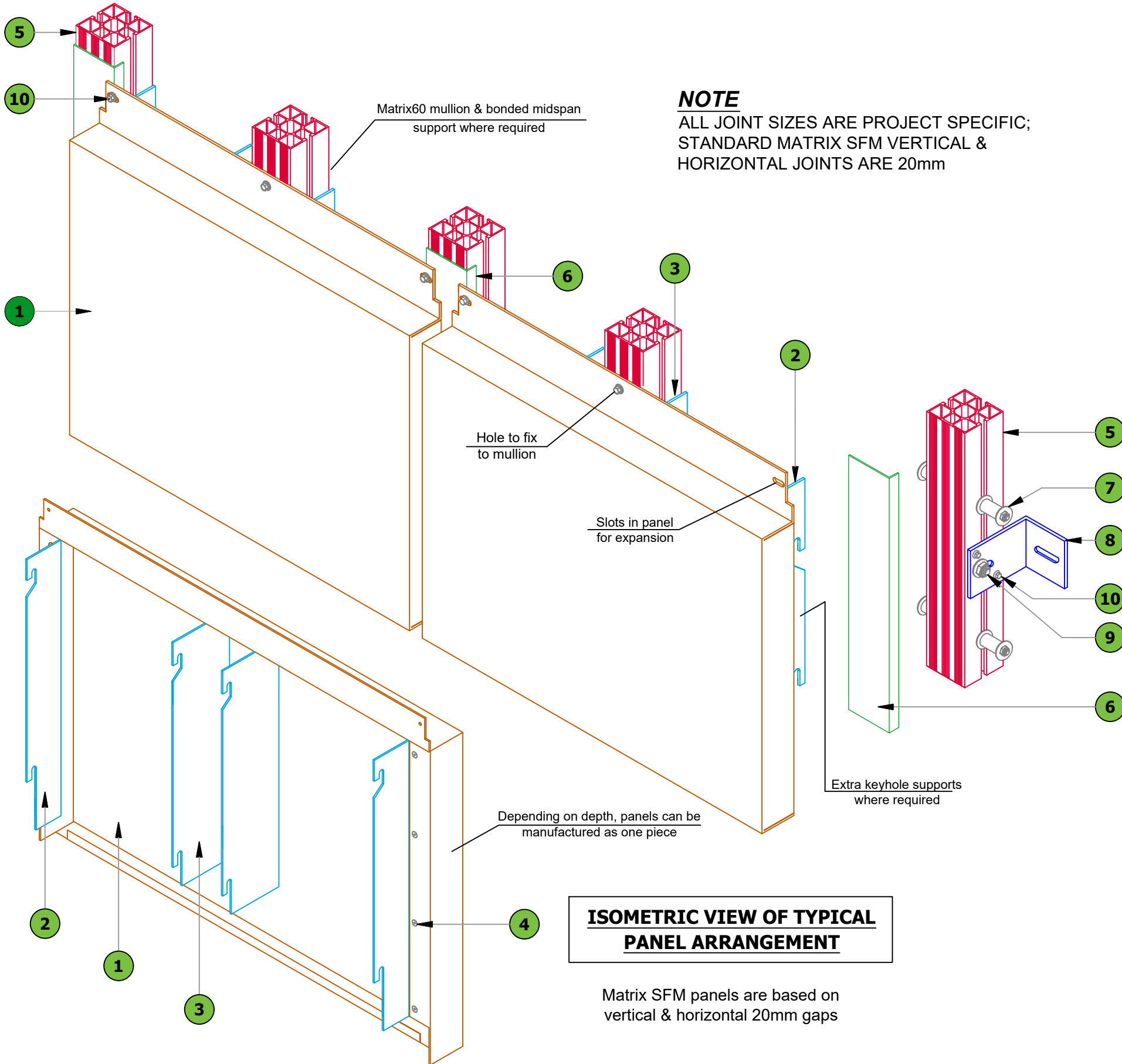


DO NOT SCALE

IF IN DOUBT - ASK



**NOTE**

ALL JOINT SIZES ARE PROJECT SPECIFIC;  
STANDARD MATRIX SFM VERTICAL & HORIZONTAL JOINTS ARE 20mm

**ISOMETRIC VIEW OF TYPICAL PANEL ARRANGEMENT**


Matrix SFM panels are based on vertical & horizontal 20mm gaps

**PARTS LIST**

1	Panel - aluminium skin, 3mm	} Factory assembled
2	Panel - aluminium angle hook, 3mm	
3	Panel - aluminium midspan support, 3mm	
4	Panel - aluminium rivet	
5	Matrix60 Mullion (M60-M)	
6	Matrix60 cover (M60-C) optional	
7	M6 panel bolt assembly (M6-PBA)	
8	Aluminium staggered structural cleat, 6mm	
9	M8 structural cleat bolt assembly (M8-CBA)	
10	Stainless steel fixing (TBC)	

A	Product Re-Branding	14.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFM**

 Unit 11 All Saints Industrial Estate Shildon County Durham DL4 2RD Tel: 00 44 (0) 1388 770490 Fax: 00 44 (0) 1388 778068 Email: design@pspuk.com www.pspuk.com	Client: P.S.P.	
	Project: MATRIX SFM Standard Details	
Title: Typical Panel Arrangement		
Drawn by: SB	Date: 14.06.19	Scale: 1:2 @ A3
Drwg. No.:	Status:	Approved
PSP-MSFM-A01	Revision:	A

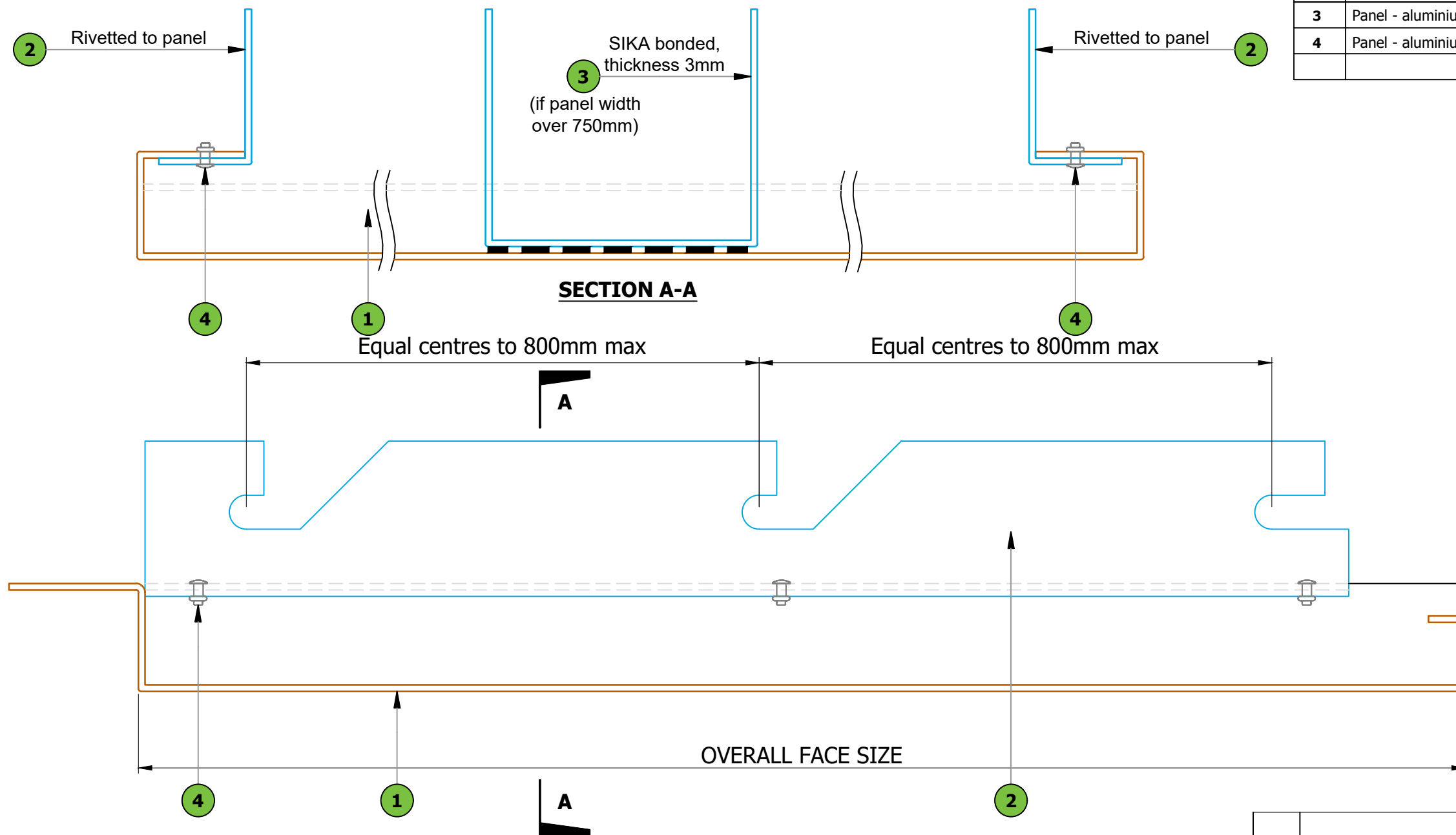
Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

DO NOT SCALE

IF IN DOUBT - ASK

**PARTS LIST**

1	Panel - aluminium skin, 3mm	} Factory assembled
2	Panel - aluminium angle hook, 3mm	
3	Panel - aluminium midspan support, 3mm	
4	Panel - aluminium rivet	




**SECTION A-A**

**TYPICAL PANEL SECTION**

A	Product Re-Branding	14.06.19
Rev	Details	Date

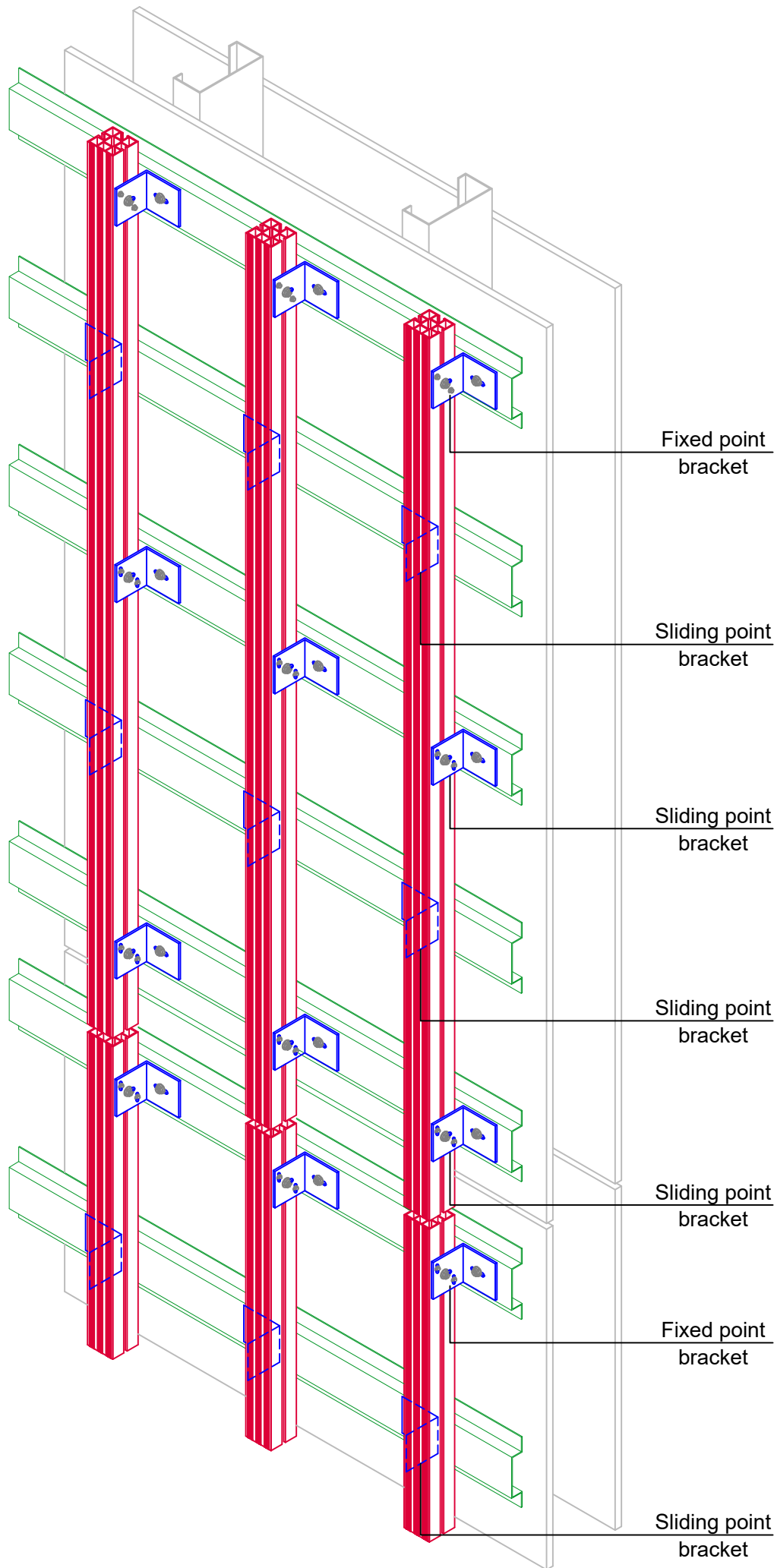
**PSP SYSTEM - MATRIX SFM**

 Unit 11 All Saints Industrial Estate Shildon County Durham DL4 2RD Tel: 00 44 (0) 1388 770490 Fax: 00 44 (0) 1388 778068 Email: design@pspuk.com www.pspuk.com	Client: <b>P.S.P.</b>	
	Project: <b>MATRIX SFM Standard Details</b>	
	Title: <b>Typical Panel Section</b>	
	Drawn by: <b>SB</b>	Date: <b>14.06.19</b>
Drwg. No.: <b>PSP-MSFM-A02</b>	Status: Approved	Revision: <b>A</b>

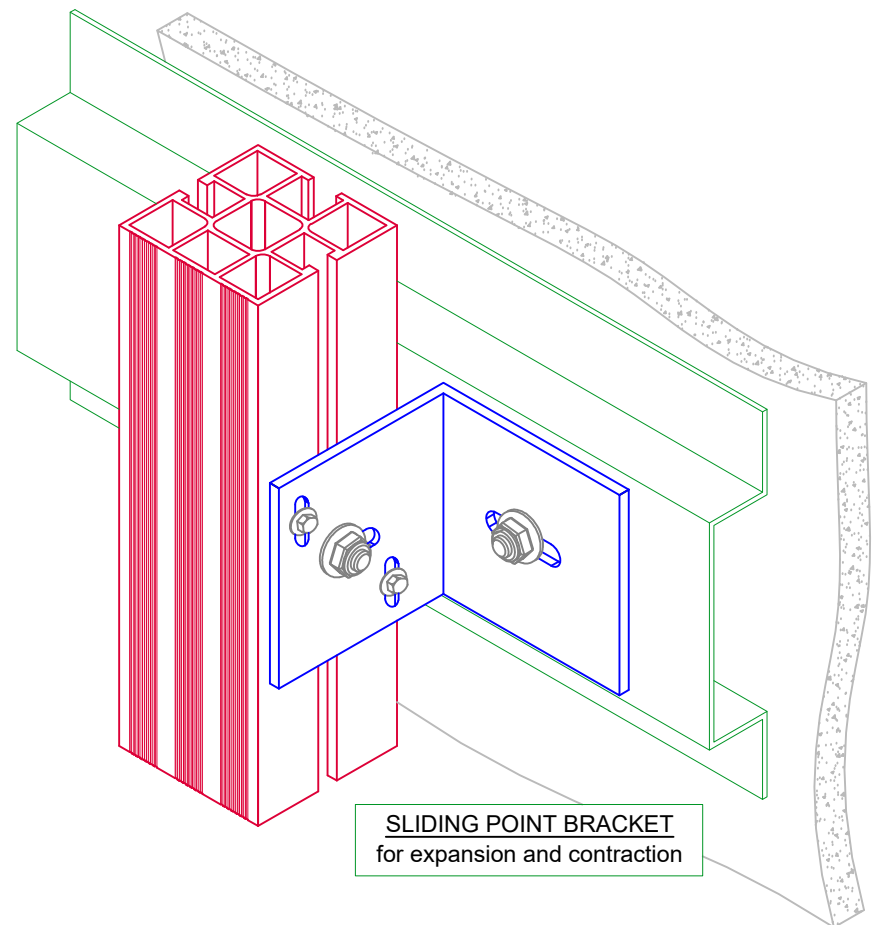
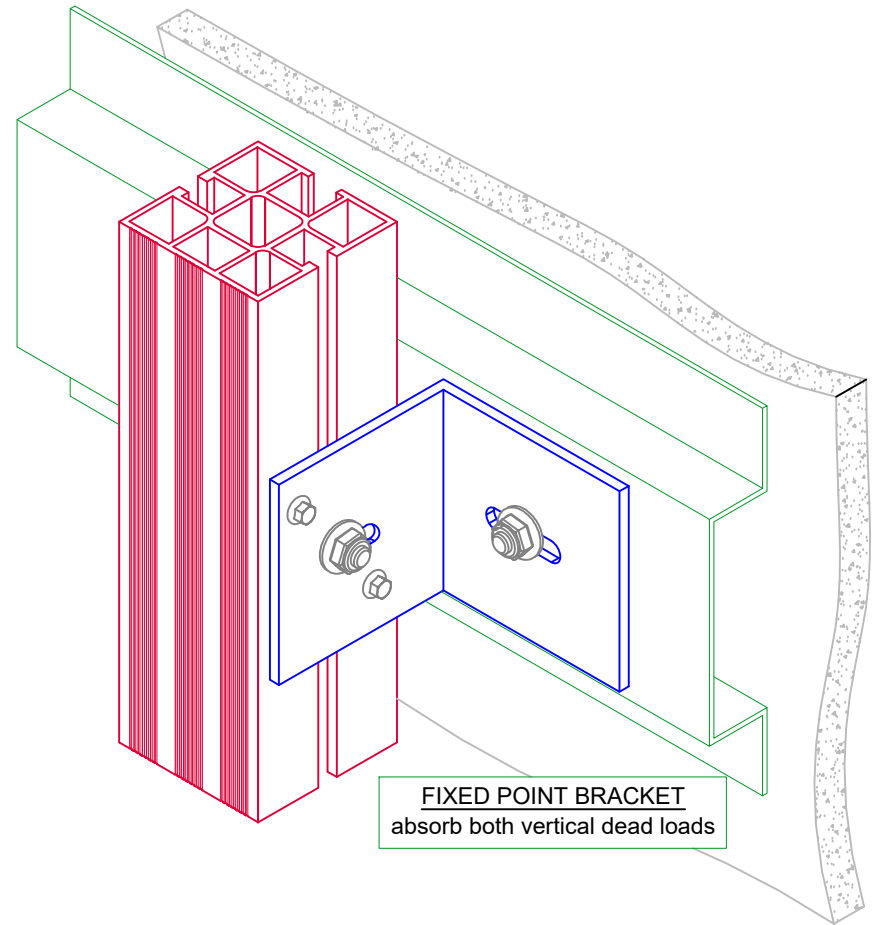
Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

DO NOT SCALE

IF IN DOUBT - ASK



**TYPICAL BRACKET ARRANGEMENT**



A	Product Re-Branding	14.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFM**

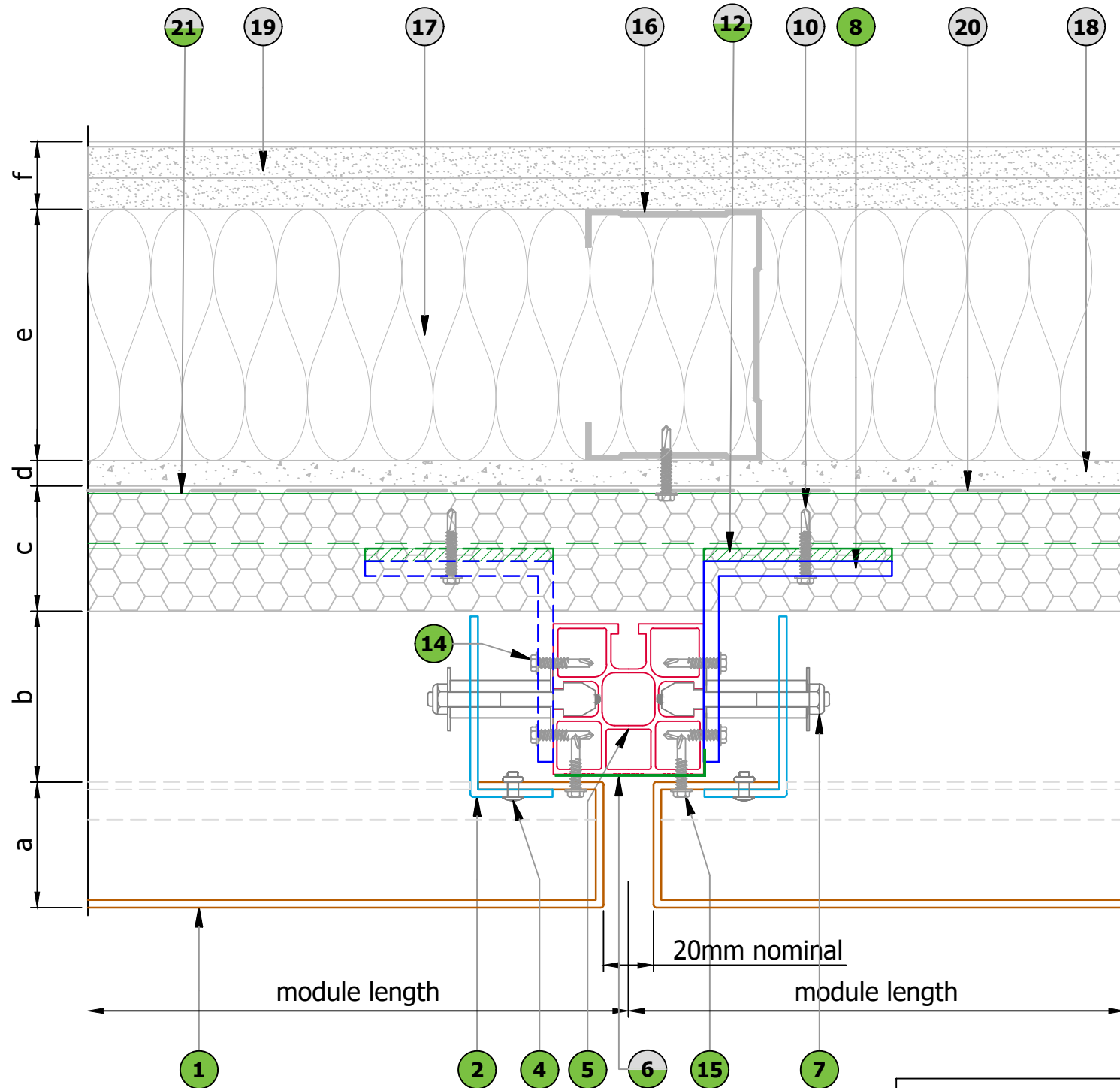
  
 Unit 11  
 All Saints Industrial Estate  
 Shildon  
 County Durham  
 DL4 2RD  
 Tel: 00 44 (0) 1388 770490  
 Fax: 00 44 (0) 1388 778068  
 Email: design@pspuk.com  
 www.pspuk.com

Client: <b>P.S.P.</b>		
Project: <b>MATRIX SFM Standard Details</b>		
Title: <b>Typical Bracket Arrangement (for fixed and sliding brackets)</b>		
Drawn by: <b>SB</b>	Date: <b>14.06.19</b>	Scale: <b>1:2 @ A3</b>
Drwg. No.: <b>PSP-MSFM-A03</b>	Status: Approved	Revision: <b>A</b>

Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

DO NOT SCALE

IF IN DOUBT - ASK



**VERTICAL PANEL JOINT DETAIL**

PARTS LIST	
1	Panel - aluminium skin, 3mm
2	Panel - aluminium angle hook, 3mm
3	Panel - aluminium midspan support, 3mm
4	Panel - aluminium rivet
} Factory assembled	
5	Matrix60 Mullion (M60-M)
6	Matrix60 cover (M60-C) optional
7	M6 panel bolt assembly (M6-PBA)
8	Aluminium staggered structural cleat, 6mm
9	M8 structural cleat bolt assembly (M8-CBA)
10	Stainless steel fixing (TBC)
11	Abutment slotted flashing
12	Optional PVC thermal break, 5mm
13	Support profile
14	JT4-4-4.8x19 Stainless steel fixing
15	JT4-6-5.5x22 A14 Stainless steel fixing
16	SFS support structure by others
17	Insulation by others
18	Cement particle board by others
19	Internal boards by others
20	Breather membrane by others
21	'Top hat' profile (optional)
22	Additional rigid sheet insulation if required by others
23	Aluminium flashing
24	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
25	EPDM by others
26	Thermally Broken Aluminium Profile
27	Weather seal by others

**LEGEND:**

<b>N</b> (Green circle)	part of system, provided by PSP
<b>N</b> (Grey circle)	not part of system, can be provided by PSP
<b>N</b> (White circle)	provided by others


**LEGEND**

a	PSP Panel thickness - 50mm
b	Ventilated cavity (British standard - 25mm, NHBC - 38mm (baffled joints) and 50mm (open joints))
c	Insulation by others (must be Part B Compliant)
d	CP board by others - thickness established by project specification
e	SFS by others - depth established by project specification
f	Internal finishes by others

Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

A	Product Re-Branding	14.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFM**



Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD  
Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

Client:  
**P.S.P.**

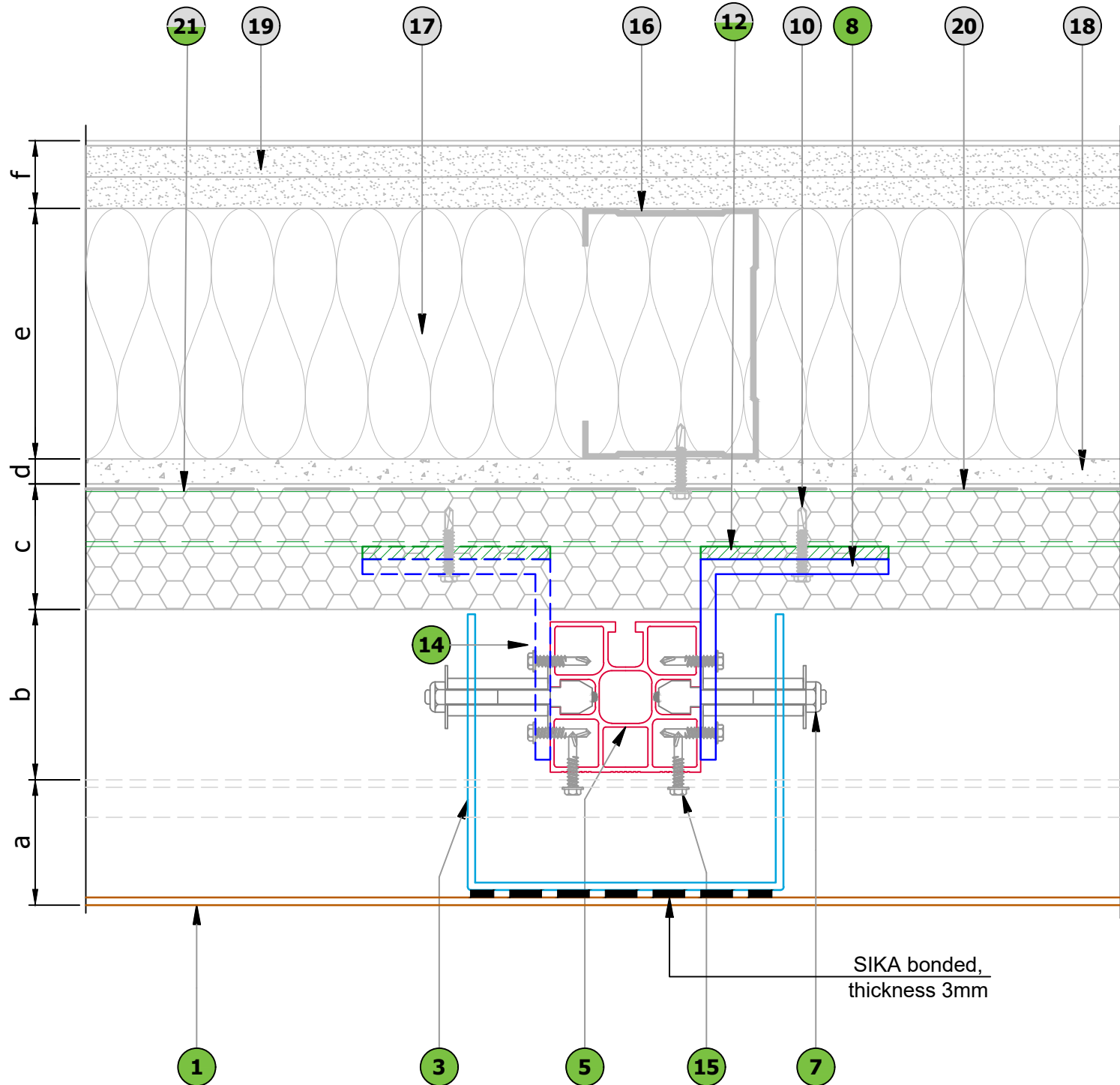
Project:  
**MATRIX SFM Standard Details**

Title:  
**Panel Joint Detail (Plan View)**

Drawn by: <b>SB</b>	Date: <b>14.06.19</b>	Scale: <b>1:2 @ A3</b>
Drwg. No.: <b>PSP-MSFM-P01</b>	Status: Approved	Revision: <b>A</b>

DO NOT SCALE

IF IN DOUBT - ASK




PARTS LIST	
1	Panel - aluminium skin, 3mm
2	Panel - aluminium angle hook, 3mm
3	Panel - aluminium midspan support, 3mm
4	Panel - aluminium rivet
} Factory assembled	
5	Matrix60 Mullion (M60-M)
6	Matrix60 cover (M60-C) optional
7	M6 panel bolt assembly (M6-PBA)
8	Aluminium staggered structural cleat, 6mm
9	M8 structural cleat bolt assembly (M8-CBA)
10	Stainless steel fixing (TBC)
11	Abutment slotted flashing
12	Optional PVC thermal break, 5mm
13	Support profile
14	JT4-4-4.8x19 Stainless steel fixing
15	JT4-6-5.5x22 A14 Stainless steel fixing
16	SFS support structure by others
17	Insulation by others
18	Cement particle board by others
19	Internal boards by others
20	Breather membrane by others
21	'Top hat' profile (optional)
22	Additional rigid sheet insulation if required by others
23	Aluminium flashing
24	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
25	EPDM by others
26	Thermally Broken Aluminium Profile
27	Weather seal by others

**VERTICAL MIDSPAN SUPPORT DETAIL**

A	Product Re-Branding	14.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFM**



Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD  
Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

Client:  
**P.S.P.**

Project:  
**MATRIX SFM Standard Details**

Title:  
**Midspan Support Detail (Plan View)**

Drawn by: <b>SB</b>	Date: <b>14.06.19</b>	Scale: <b>1:2 @ A3</b>
Drwg. No.: <b>PSP-MSFM-P02</b>	Status: Approved	Revision: <b>A</b>

LEGEND:	
<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">N</span>	part of system, provided by PSP
<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">N</span>	not part of system, can be provided by PSP
<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">N</span>	provided by others

LEGEND	
a	PSP Panel thickness - 50mm
b	Ventilated cavity (British standard - 25mm, NHBC - 38mm (baffled joints) and 50mm (open joints))
c	Insulation by others (must be Part B Compliant)
d	CP board by others - thickness established by project specification
e	SFS by others - depth established by project specification
f	Internal finishes by others

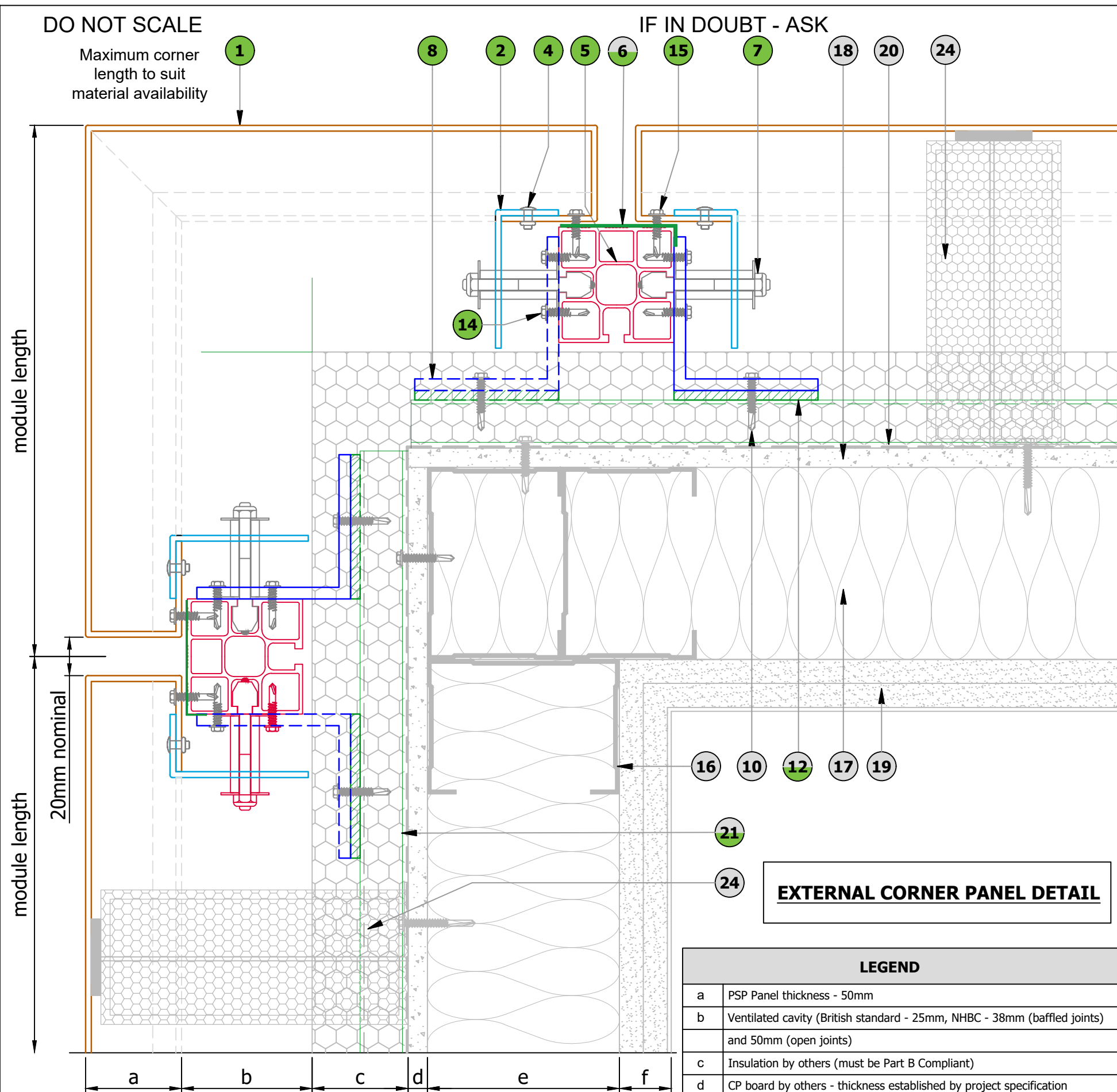
Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.



DO NOT SCALE

Maximum corner length to suit material availability

IF IN DOUBT - ASK



PARTS LIST	
1	Panel - aluminium skin, 3mm
2	Panel - aluminium angle hook, 3mm
3	Panel - aluminium midspan support, 3mm
4	Panel - aluminium rivet
} Factory assembled	
5	Matrix60 Mullion (M60-M)
6	Matrix60 cover (M60-C) optional
7	M6 panel bolt assembly (M6-PBA)
8	Aluminium staggered structural cleat, 6mm
9	M8 structural cleat bolt assembly (M8-CBA)
10	Stainless steel fixing (TBC)
11	Abutment slotted flashing
12	Optional PVC thermal break, 5mm
13	Support profile
14	JT4-4-4.8x19 Stainless steel fixing
15	JT4-6-5.5x22 A14 Stainless steel fixing
16	SFS support structure by others
17	Insulation by others
18	Cement particle board by others
19	Internal boards by others
20	Breather membrane by others
21	'Top hat' profile (optional)
22	Additional rigid sheet insulation if required by others
23	Aluminium flashing
24	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
25	EPDM by others
26	Thermally Broken Aluminium Profile
27	Weather seal by others

LEGEND:	
<b>N</b> (Green circle)	part of system, provided by PSP
<b>N</b> (Green circle)	not part of system, can be provided by PSP
<b>N</b> (Grey circle)	provided by others


**EXTERNAL CORNER PANEL DETAIL**

LEGEND	
a	PSP Panel thickness - 50mm
b	Ventilated cavity (British standard - 25mm, NHBC - 38mm (baffled joints) and 50mm (open joints))
c	Insulation by others (must be Part B Compliant)
d	CP board by others - thickness established by project specification
e	SFS by others - depth established by project specification
f	Internal finishes by others

Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

A	Product Re-Branding	14.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFM**



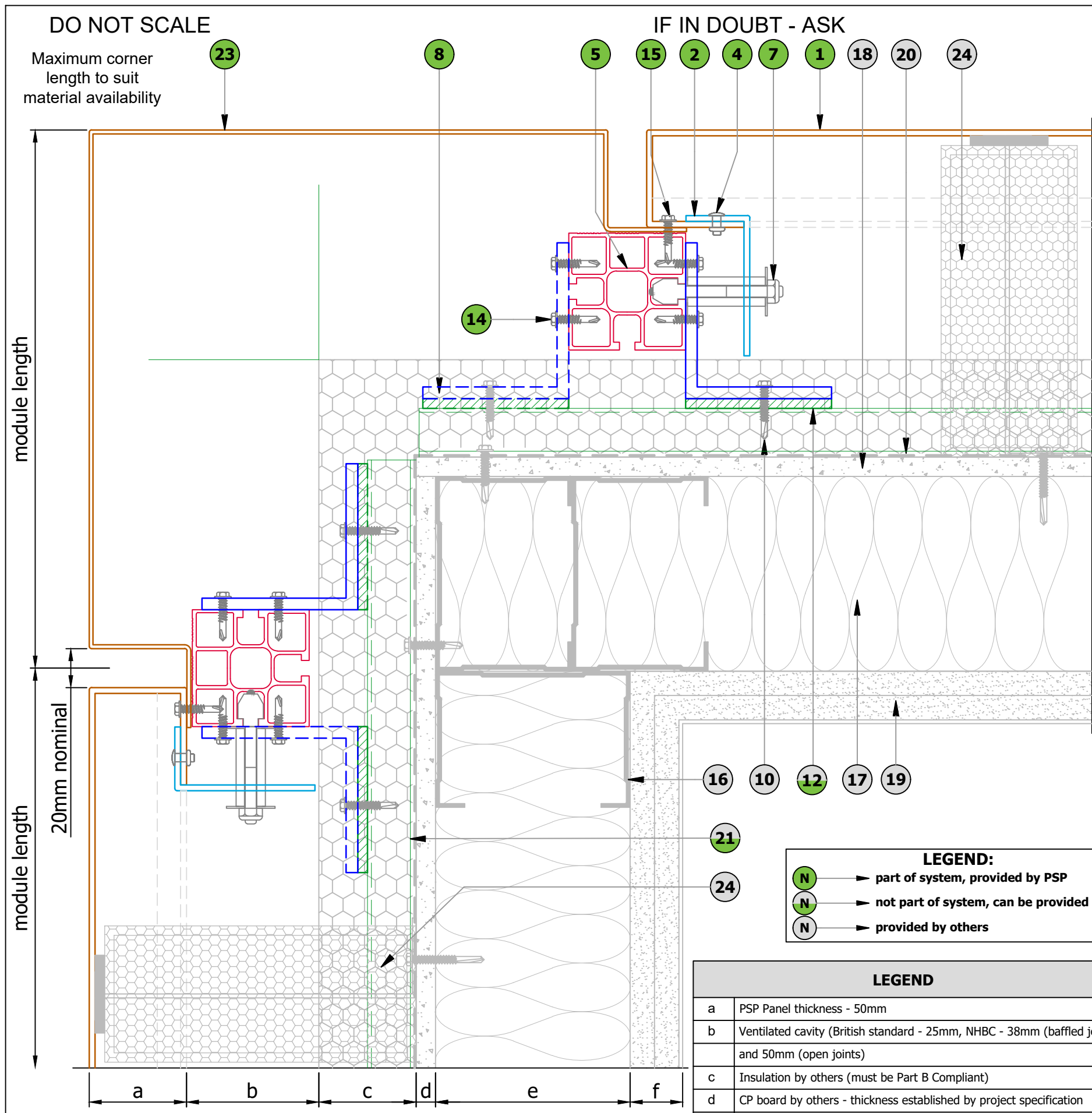
Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD  
Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

Client:  
**P.S.P.**

Project:  
**MATRIX SFM Standard Details**

Title:  
**External Corner Panel Detail (Plan View)**

Drawn by: <b>SB</b>	Date: <b>14.06.19</b>	Scale: <b>1:2 @ A3</b>
Drwg. No.: <b>PSP-MSFM-P03</b>	Status: Approved	Revision: <b>A</b>




PARTS LIST	
1	Panel - aluminium skin, 3mm
2	Panel - aluminium angle hook, 3mm
3	Panel - aluminium midspan support, 3mm
4	Panel - aluminium rivet
} Factory assembled	
5	Matrix60 Mullion (M60-M)
6	Matrix60 cover (M60-C) optional
7	M6 panel bolt assembly (M6-PBA)
8	Aluminium staggered structural cleat, 6mm
9	M8 structural cleat bolt assembly (M8-CBA)
10	Stainless steel fixing (TBC)
11	Abutment slotted flashing
12	Optional PVC thermal break, 5mm
13	Support profile
14	JT4-4-4.8x19 Stainless steel fixing
15	JT4-6-5.5x22 A14 Stainless steel fixing
16	SFS support structure by others
17	Insulation by others
18	Cement particle board by others
19	Internal boards by others
20	Breather membrane by others
21	'Top hat' profile (optional)
22	Additional rigid sheet insulation if required by others
23	Aluminium flashing
24	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
25	EPDM by others
26	Thermally Broken Aluminium Profile
27	Weather seal by others

**EXTERNAL CORNER FLASHING DETAIL**

A	Product Re-Branding	14.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFM**



Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD  
Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

Client:  
**P.S.P.**

Project:  
**MATRIX SFM Standard Details**

Title:  
**External Corner Flashing Detail (Plan View)**

Drawn by: <b>SB</b>	Date: <b>14.06.19</b>	Scale: <b>1:2 @ A3</b>
Drwg. No.: <b>PSP-MSFM-P04</b>	Status: Approved	Revision: <b>A</b>

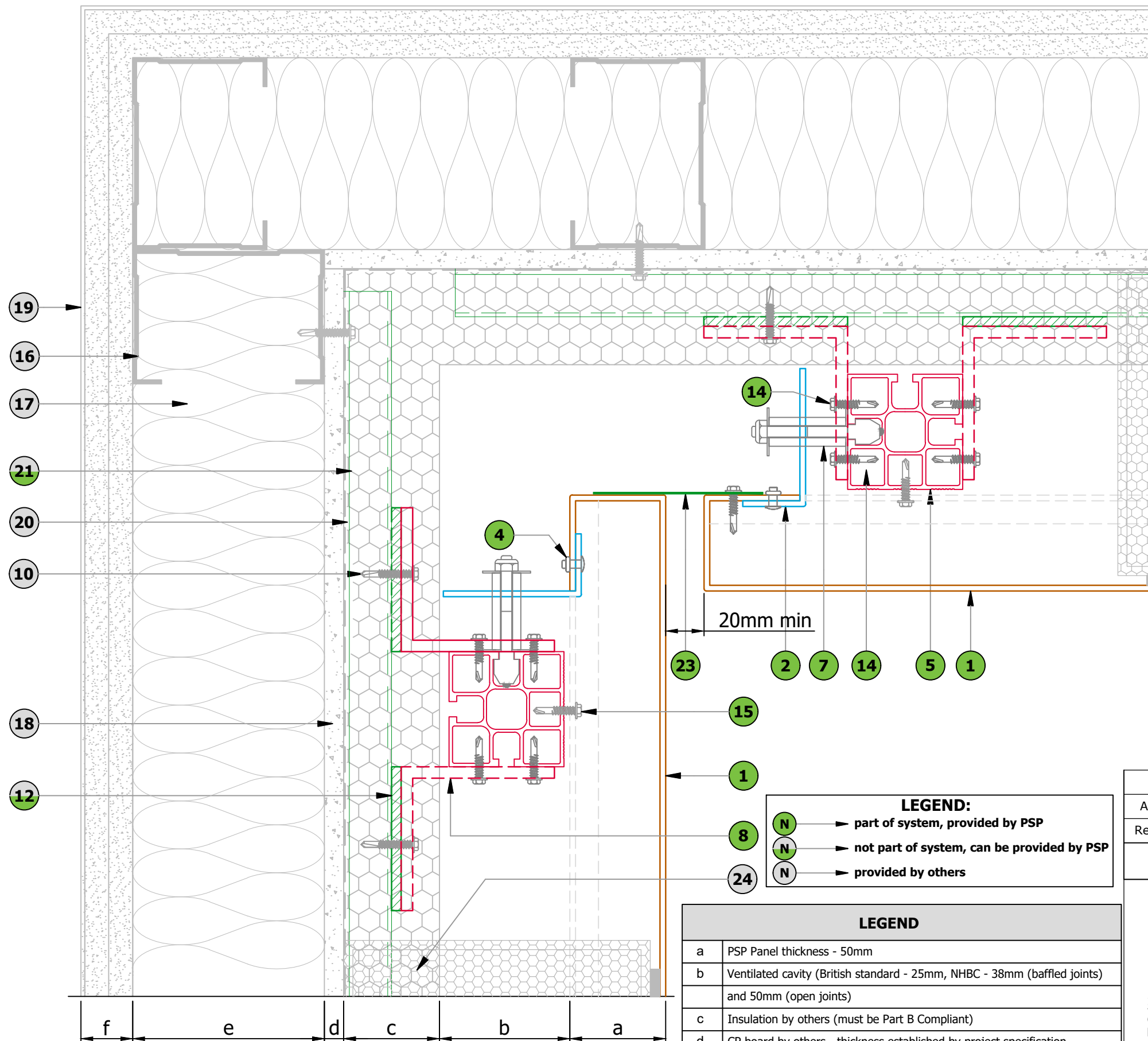
Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

LEGEND	
a	PSP Panel thickness - 50mm
b	Ventilated cavity (British standard - 25mm, NHBC - 38mm (baffled joints) and 50mm (open joints))
c	Insulation by others (must be Part B Compliant)
d	CP board by others - thickness established by project specification
e	SFS by others - depth established by project specification
f	Internal finishes by others

DO NOT SCALE

IF IN DOUBT - ASK

PARTS LIST	
1	Panel - aluminium skin, 3mm
2	Panel - aluminium angle hook, 3mm
3	Panel - aluminium midspan support, 3mm
4	Panel - aluminium rivet
} Factory assembled	
5	Matrix60 Mullion (M60-M)
6	Matrix60 cover (M60-C) optional
7	M6 panel bolt assembly (M6-PBA)
8	Aluminium staggered structural cleat, 6mm
9	M8 structural cleat bolt assembly (M8-CBA)
10	Stainless steel fixing (TBC)
11	Abutment slotted flashing
12	Optional PVC thermal break, 5mm
13	Support profile
14	JT4-4-4.8x19 Stainless steel fixing
15	JT4-6-5.5x22 A14 Stainless steel fixing
16	SFS support structure by others
17	Insulation by others
18	Cement particle board by others
19	Internal boards by others
20	Breather membrane by others
21	'Top hat' profile (optional)
22	Additional rigid sheet insulation if required by others
23	Aluminium flashing
24	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
25	EPDM by others
26	Thermally Broken Aluminium Profile
27	Weather seal by others




**INTERNAL CORNER DETAIL**

**LEGEND:**  
 (Green circle with N) → part of system, provided by PSP  
 (Grey circle with N) → not part of system, can be provided by PSP  
 (White circle with N) → provided by others

LEGEND	
a	PSP Panel thickness - 50mm
b	Ventilated cavity (British standard - 25mm, NHBC - 38mm (baffled joints) and 50mm (open joints))
c	Insulation by others (must be Part B Compliant)
d	CP board by others - thickness established by project specification
e	SFS by others - depth established by project specification
f	Internal finishes by others

A	Product Re-Branding	14.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFM**



Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD  
Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspu.com  
www.pspuk.com

Client:  
**P.S.P.**

Project:  
**MATRIX SFM Standard Details**

Title:  
**Internal Corner Detail (Plan View)**

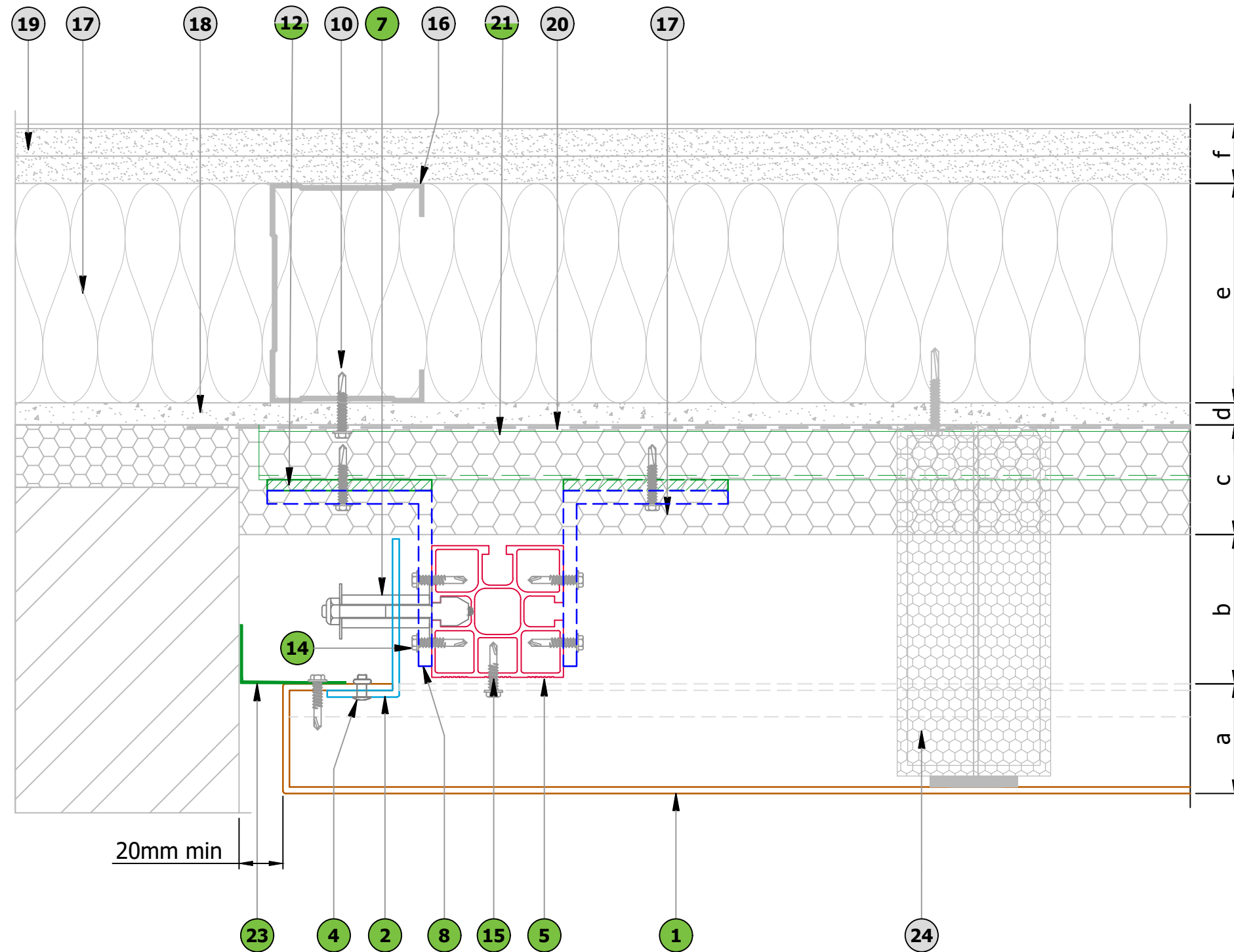
Drawn by: <b>SB</b>	Date: <b>14.06.19</b>	Scale: <b>1:2 @ A3</b>
Drwg. No.:	Status:	Approved
<b>PSP-MSFM-P05</b>	Revision:	<b>A</b>

Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.



DO NOT SCALE

IF IN DOUBT - ASK



PARTS LIST	
1	Panel - aluminium skin, 3mm
2	Panel - aluminium angle hook, 3mm
3	Panel - aluminium midspan support, 3mm
4	Panel - aluminium rivet
} Factory assembled	
5	Matrix60 Mullion (M60-M)
6	Matrix60 cover (M60-C) optional
7	M6 panel bolt assembly (M6-PBA)
8	Aluminium staggered structural cleat, 6mm
9	M8 structural cleat bolt assembly (M8-CBA)
10	Stainless steel fixing (TBC)
11	Abutment slotted flashing
12	Optional PVC thermal break, 5mm
13	Support profile
14	JT4-4-4.8x19 Stainless steel fixing
15	JT4-6-5.5x22 A14 Stainless steel fixing
16	SFS support structure by others
17	Insulation by others
18	Cement particle board by others
19	Internal boards by others
20	Breather membrane by others
21	'Top hat' profile (optional)
22	Additional rigid sheet insulation if required by others
23	Aluminium flashing
24	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
25	EPDM by others
26	Thermally Broken Aluminium Profile
27	Weather seal by others

**BRICKWORK ABUTMENT DETAIL**


LEGEND:	
	part of system, provided by PSP
	not part of system, can be provided by PSP
	provided by others

LEGEND	
a	PSP Panel thickness - 50mm
b	Ventilated cavity (British standard - 25mm, NHBC - 38mm (baffled joints) and 50mm (open joints))
c	Insulation by others (must be Part B Compliant)
d	CP board by others - thickness established by project specification
e	SFS by others - depth established by project specification
f	Internal finishes by others

Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

A	Product Re-Branding	14.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFM**



Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD  
Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

Client:  
**P.S.P.**

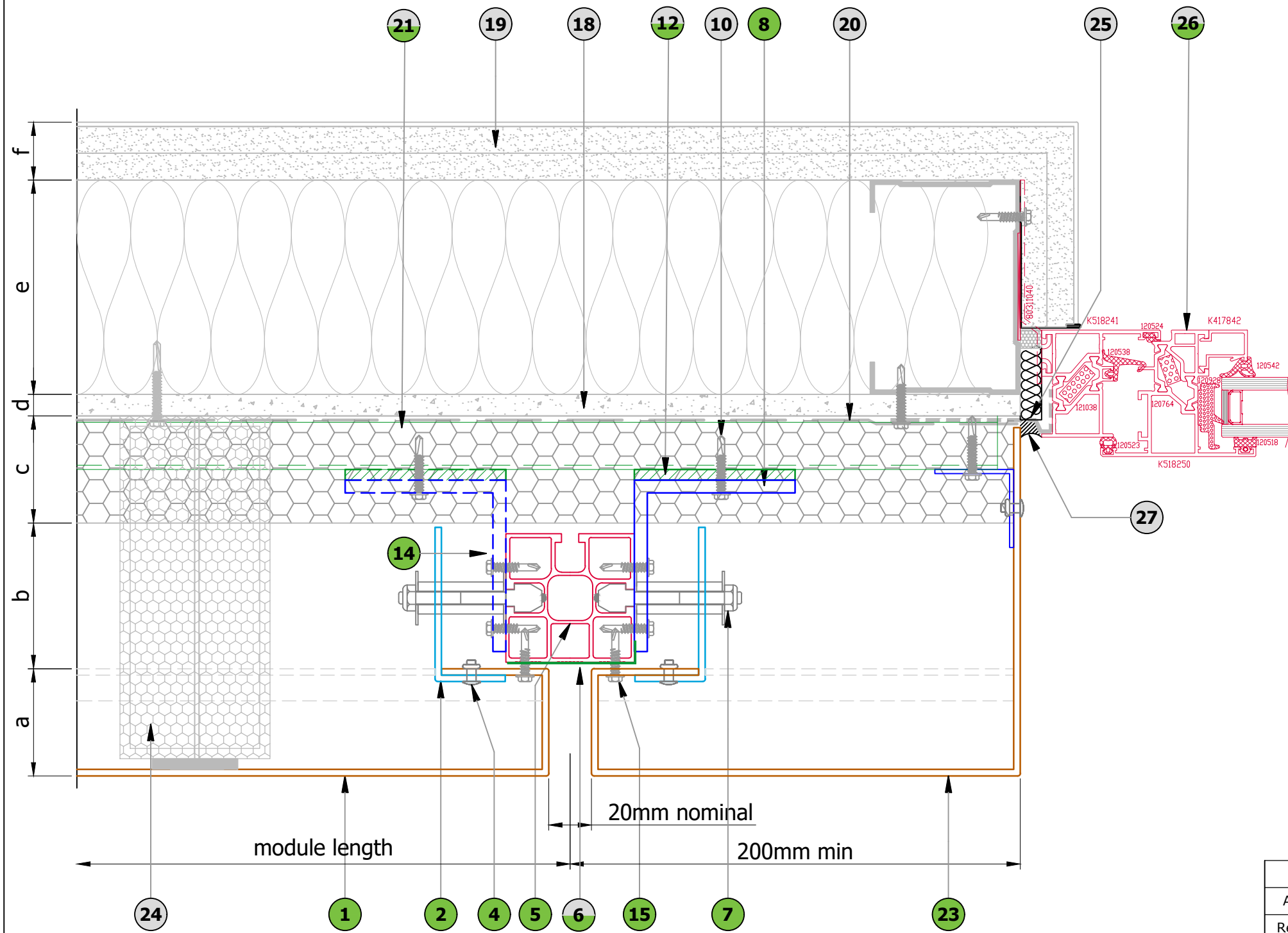
Project:  
**MATRIX SFM Standard Details**

Title:  
**Brickwork Abutment Detail (Plan View)**

Drawn by: <b>SB</b>	Date: <b>14.06.19</b>	Scale: <b>1:2 @ A3</b>
Drwg. No.: <b>PSP-MSFM-P06</b>	Status: Approved	Revision: A

DO NOT SCALE

IF IN DOUBT - ASK



PARTS LIST	
1	Panel - aluminium skin, 3mm
2	Panel - aluminium angle hook, 3mm
3	Panel - aluminium midspan support, 3mm
4	Panel - aluminium rivet
} Factory assembled	
5	Matrix60 Mullion (M60-M)
6	Matrix60 cover (M60-C) optional
7	M6 panel bolt assembly (M6-PBA)
8	Aluminium staggered structural cleat, 6mm
9	M8 structural cleat bolt assembly (M8-CBA)
10	Stainless steel fixing (TBC)
11	Abutment slotted flashing
12	Optional PVC thermal break, 5mm
13	Support profile
14	JT4-4-4.8x19 Stainless steel fixing
15	JT4-6-5.5x22 A14 Stainless steel fixing
16	SFS support structure by others
17	Insulation by others
18	Cement particle board by others
19	Internal boards by others
20	Breather membrane by others
21	'Top hat' profile (optional)
22	Additional rigid sheet insulation if required by others
23	Aluminium flashing
24	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
25	EPDM by others
26	Thermally Broken Aluminium Profile
27	Weather seal by others

LEGEND:	
	part of system, provided by PSP
	not part of system, can be provided by PSP
	provided by others


**WINDOW JAMB DETAIL**

LEGEND	
a	PSP Panel thickness - 50mm
b	Ventilated cavity (British standard - 25mm, NHBC - 38mm (baffled joints) and 50mm (open joints))
c	Insulation by others (must be Part B Compliant)
d	CP board by others - thickness established by project specification
e	SFS by others - depth established by project specification
f	Internal finishes by others

Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

A	Product Re-Branding	14.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFM**



Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD  
Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

Client:  
**P.S.P.**

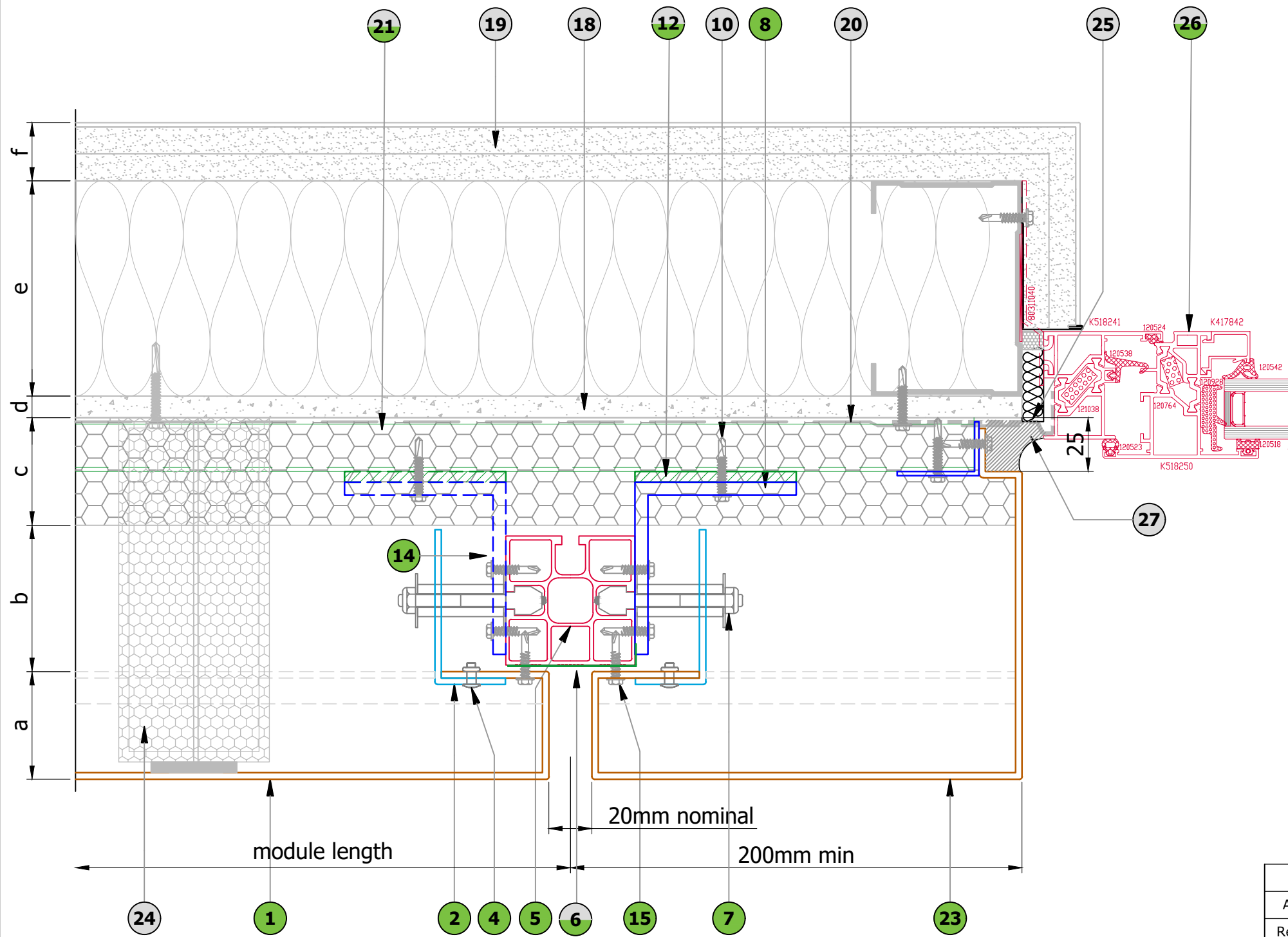
Project:  
**MATRIX SFM Standard Details**

Title:  
**Window Jamb Detail 1 (Plan View)**

Drawn by: <b>SB</b>	Date: <b>14.06.19</b>	Scale: <b>1:2 @ A3</b>
Drwg. No.: <b>PSP-MSFM-P07</b>	Status: Approved	Revision: <b>A</b>

DO NOT SCALE

IF IN DOUBT - ASK



PARTS LIST	
1	Panel - aluminium skin, 3mm
2	Panel - aluminium angle hook, 3mm
3	Panel - aluminium midspan support, 3mm
4	Panel - aluminium rivet
} Factory assembled	
5	Matrix60 Mullion (M60-M)
6	Matrix60 cover (M60-C) optional
7	M6 panel bolt assembly (M6-PBA)
8	Aluminium staggered structural cleat, 6mm
9	M8 structural cleat bolt assembly (M8-CBA)
10	Stainless steel fixing (TBC)
11	Abutment slotted flashing
12	Optional PVC thermal break, 5mm
13	Support profile
14	JT4-4-4.8x19 Stainless steel fixing
15	JT4-6-5.5x22 A14 Stainless steel fixing
16	SFS support structure by others
17	Insulation by others
18	Cement particle board by others
19	Internal boards by others
20	Breather membrane by others
21	'Top hat' profile (optional)
22	Additional rigid sheet insulation if required by others
23	Aluminium flashing
24	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
25	EPDM by others
26	Thermally Broken Aluminium Profile
27	Weather seal by others

LEGEND:	
	part of system, provided by PSP
	not part of system, can be provided by PSP
	provided by others


**WINDOW JAMB DETAIL**

LEGEND	
a	PSP Panel thickness - 50mm
b	Ventilated cavity (British standard - 25mm, NHBC - 38mm (baffled joints) and 50mm (open joints))
c	Insulation by others (must be Part B Compliant)
d	CP board by others - thickness established by project specification
e	SFS by others - depth established by project specification
f	Internal finishes by others

Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

A	Product Re-Branding	14.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFM**



Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD  
Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

Client:  
**P.S.P.**

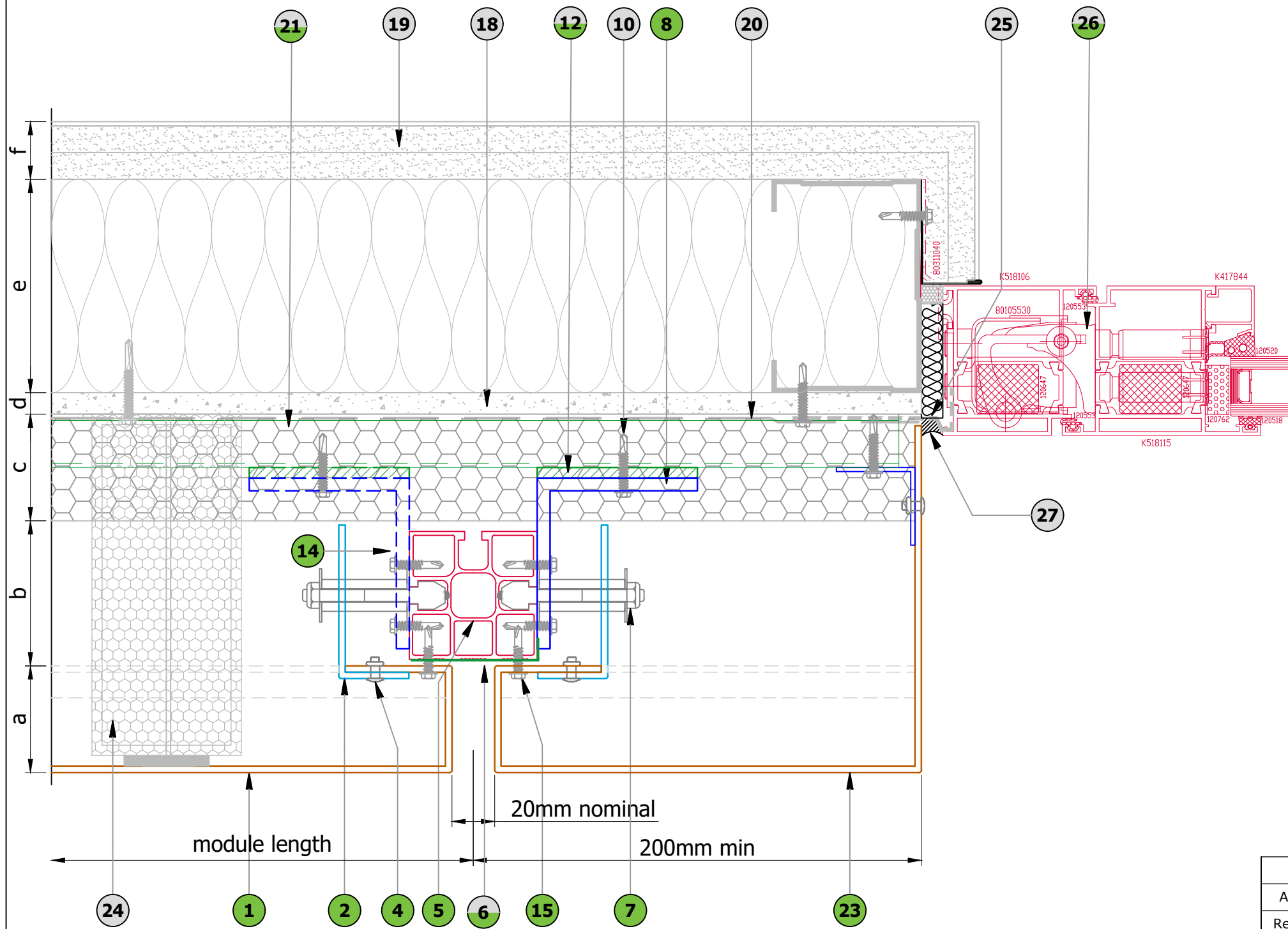
Project:  
**MATRIX SFM Standard Details**

Title:  
**Window Jamb Detail 2 (Plan View)**

Drawn by: <b>SB</b>	Date: <b>14.06.19</b>	Scale: <b>1:2 @ A3</b>
Drwg. No.: <b>PSP-MSFM-P08</b>	Status: Approved	Revision: <b>A</b>

DO NOT SCALE

IF IN DOUBT - ASK



PARTS LIST	
1	Panel - aluminium skin, 3mm
2	Panel - aluminium angle hook, 3mm
3	Panel - aluminium midspan support, 3mm
4	Panel - aluminium rivet
} Factory assembled	
5	Matrix60 Mullion (M60-M)
6	Matrix60 cover (M60-C) optional
7	M6 panel bolt assembly (M6-PBA)
8	Aluminium staggered structural cleat, 6mm
9	M8 structural cleat bolt assembly (M8-CBA)
10	Stainless steel fixing (TBC)
11	Abutment slotted flashing
12	Optional PVC thermal break, 5mm
13	Support profile
14	JT4-4-4.8x19 Stainless steel fixing
15	JT4-6-5.5x22 A14 Stainless steel fixing
16	SFS support structure by others
17	Insulation by others
18	Cement particle board by others
19	Internal boards by others
20	Breather membrane by others
21	'Top hat' profile (optional)
22	Additional rigid sheet insulation if required by others
23	Aluminium flashing
24	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
25	EPDM by others
26	Thermally Broken Aluminium Profile
27	Weather seal by others

LEGEND:	
	part of system, provided by PSP
	not part of system, can be provided by PSP
	provided by others


**DOOR JAMB DETAIL**

LEGEND	
a	PSP Panel thickness - 50mm
b	Ventilated cavity (British standard - 25mm, NHBC - 38mm (baffled joints) and 50mm (open joints))
c	Insulation by others (must be Part B Compliant)
d	CP board by others - thickness established by project specification
e	SFS by others - depth established by project specification
f	Internal finishes by others

Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

A	Product Re-Branding	14.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFM**



Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD  
Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspu.com  
www.pspuk.com

Client:  
**P.S.P.**

Project:  
**MATRIX SFM Standard Details**

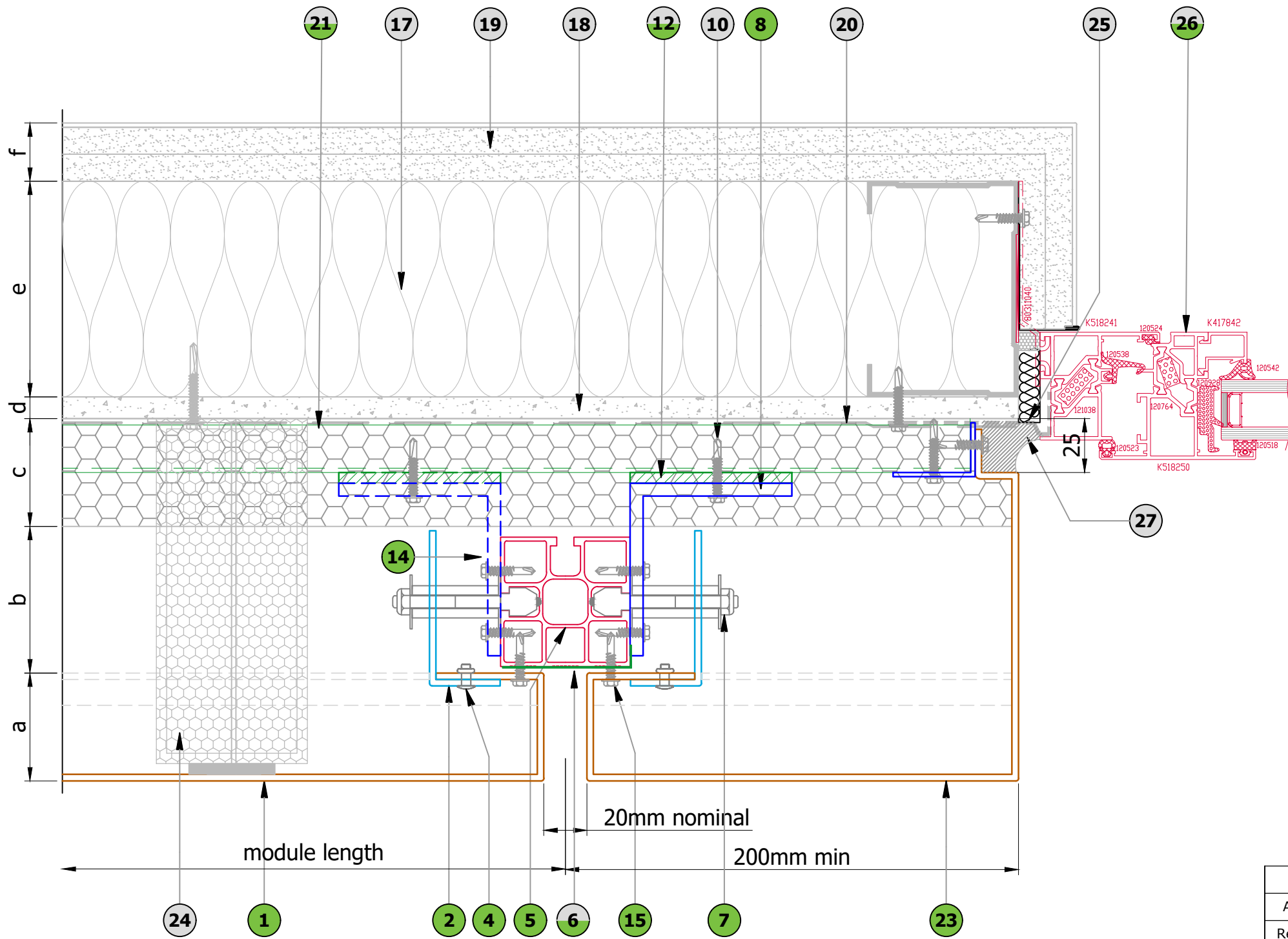
Title:  
**Door Jamb Detail 1 (Plan View)**

Drawn by: <b>SB</b>	Date: <b>14.06.19</b>	Scale: <b>1:2 @ A3</b>
Drwg. No.: <b>PSP-MSFM-P09</b>	Status: Approved	Revision: <b>A</b>



DO NOT SCALE

IF IN DOUBT - ASK



PARTS LIST	
1	Panel - aluminium skin, 3mm
2	Panel - aluminium angle hook, 3mm
3	Panel - aluminium midspan support, 3mm
4	Panel - aluminium rivet
} Factory assembled	
5	Matrix60 Mullion (M60-M)
6	Matrix60 cover (M60-C) optional
7	M6 panel bolt assembly (M6-PBA)
8	Aluminium staggered structural cleat, 6mm
9	M8 structural cleat bolt assembly (M8-CBA)
10	Stainless steel fixing (TBC)
11	Abutment slotted flashing
12	Optional PVC thermal break, 5mm
13	Support profile
14	JT4-4-4.8x19 Stainless steel fixing
15	JT4-6-5.5x22 A14 Stainless steel fixing
16	SFS support structure by others
17	Insulation by others
18	Cement particle board by others
19	Internal boards by others
20	Breather membrane by others
21	'Top hat' profile (optional)
22	Additional rigid sheet insulation if required by others
23	Aluminium flashing
24	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
25	EPDM by others
26	Thermally Broken Aluminium Profile
27	Weather seal by others

LEGEND:	
	part of system, provided by PSP
	not part of system, can be provided by PSP
	provided by others


**DOOR JAMB DETAIL**

LEGEND	
a	PSP Panel thickness - 50mm
b	Ventilated cavity (British standard - 25mm, NHBC - 38mm (baffled joints) and 50mm (open joints))
c	Insulation by others (must be Part B Compliant)
d	CP board by others - thickness established by project specification
e	SFS by others - depth established by project specification
f	Internal finishes by others

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A	Product Re-Branding	14.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFM**



Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD  
Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

Client:  
**P.S.P.**

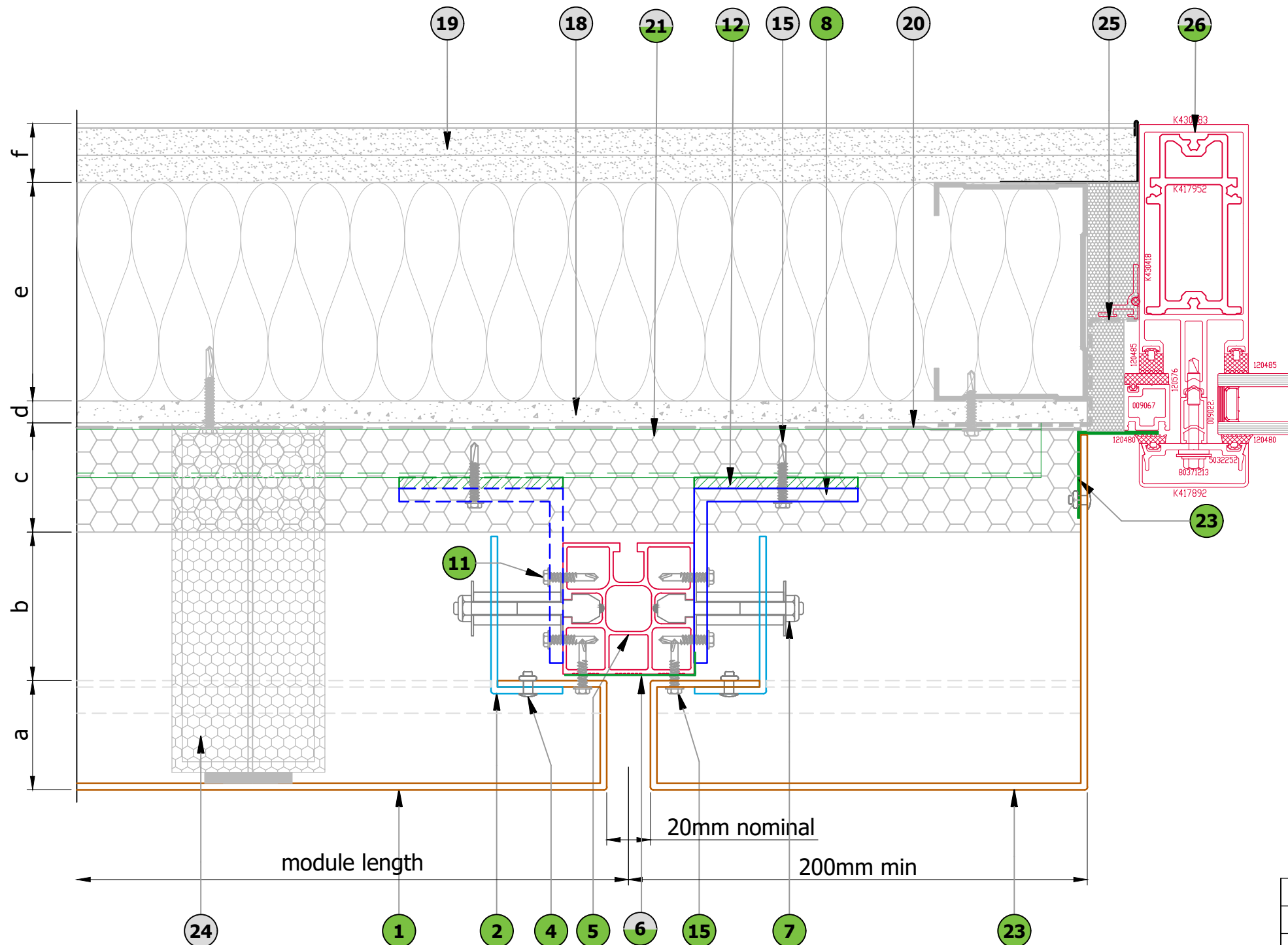
Project:  
**MATRIX SFM Standard Details**

Title:  
**Door Jamb Detail 2 (Plan View)**

Drawn by: <b>SB</b>	Date: <b>14.06.19</b>	Scale: <b>1:2 @ A3</b>
Drwg. No.: <b>PSP-MSFM-P10</b>	Status: Approved	Revision: <b>A</b>

DO NOT SCALE

IF IN DOUBT - ASK



PARTS LIST	
1	Panel - aluminium skin, 3mm
2	Panel - aluminium angle hook, 3mm
3	Panel - aluminium midspan support, 3mm
4	Panel - aluminium rivet
} Factory assembled	
5	Matrix60 Mullion (M60-M)
6	Matrix60 cover (M60-C) optional
7	M6 panel bolt assembly (M6-PBA)
8	Aluminium staggered structural cleat, 6mm
9	M8 structural cleat bolt assembly (M8-CBA)
10	Stainless steel fixing (TBC)
11	Abutment slotted flashing
12	Optional PVC thermal break, 5mm
13	Support profile
14	JT4-4-4.8x19 Stainless steel fixing
15	JT4-6-5.5x22 A14 Stainless steel fixing
16	SFS support structure by others
17	Insulation by others
18	Cement particle board by others
19	Internal boards by others
20	Breather membrane by others
21	'Top hat' profile (optional)
22	Additional rigid sheet insulation if required by others
23	Aluminium flashing
24	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
25	EPDM by others
26	Thermally Broken Aluminium Profile
27	Weather seal by others

**CURTAIN WALL JAMB DETAIL**


LEGEND:	
	part of system, provided by PSP
	not part of system, can be provided by PSP
	provided by others

LEGEND	
a	PSP Panel thickness - 50mm
b	Ventilated cavity (British standard - 25mm, NHBC - 38mm (baffled joints) and 50mm (open joints))
c	Insulation by others (must be Part B Compliant)
d	CP board by others - thickness established by project specification
e	SFS by others - depth established by project specification
f	Internal finishes by others

Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

A	Product Re-Branding	14.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFM**



Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD  
Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

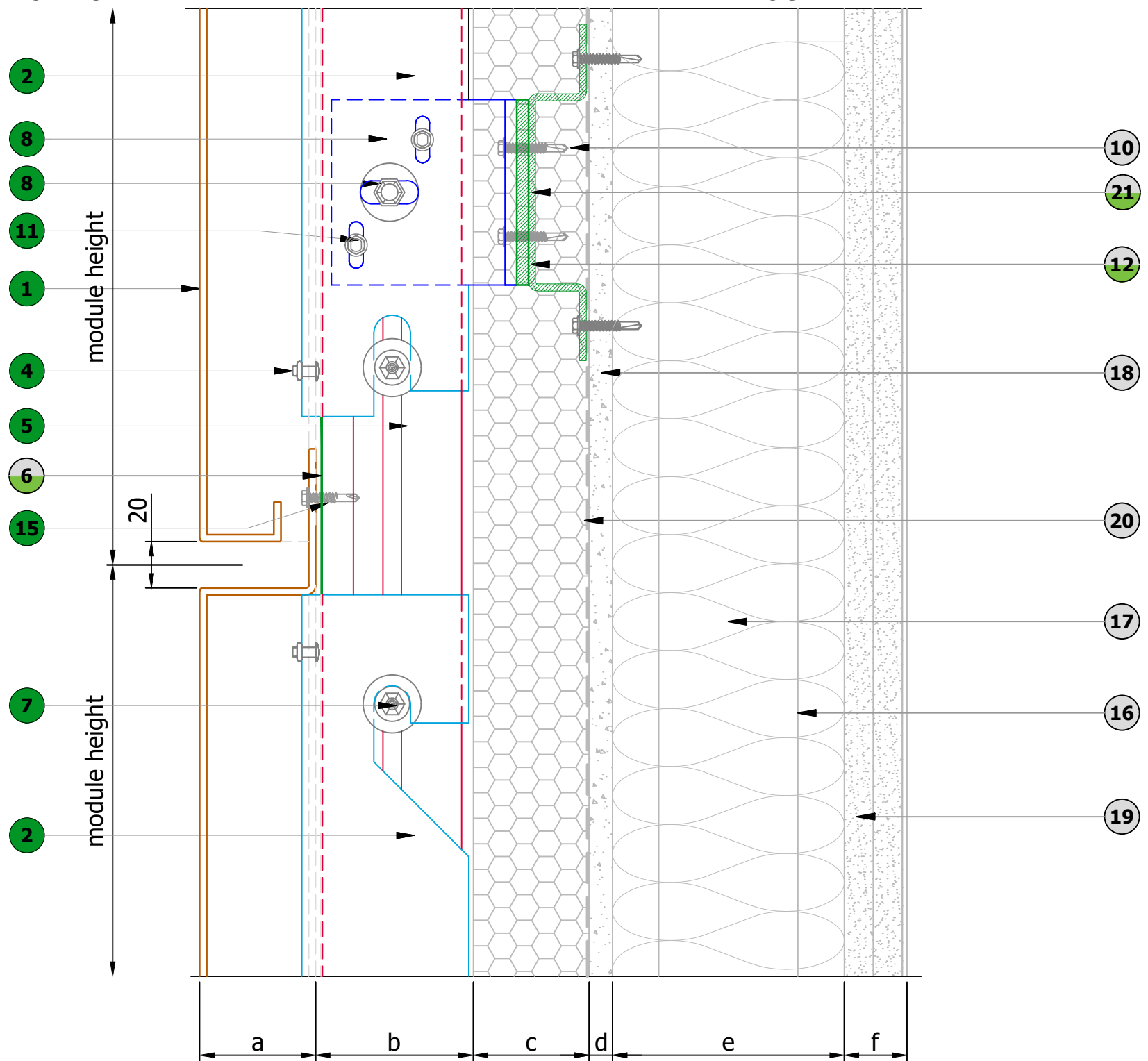
Client: <b>P.S.P.</b>		
Project: <b>MATRIX SFM Standard Details</b>		
Title: <b>Curtain Walling Jamb Detail (Plan View)</b>		
Drawn by: <b>SB</b>	Date: <b>14.06.19</b>	Scale: <b>1:2 @ A3</b>
Drwg. No.:	Status:	Approved
<b>PSP-MSFM-P11</b>	Revision:	<b>A</b>

DO NOT SCALE

IF IN DOUBT - ASK

**PARTS LIST**

1	Panel - aluminium skin, 3mm	} Factory assembled
2	Panel - aluminium angle hook, 3mm	
3	Panel - aluminium midspan support, 3mm	
4	Panel - aluminium rivet	
5	Matrix60 Mullion (M60-M)	
6	Matrix60 cover (M60-C) optional	
7	M6 panel bolt assembly (M6-PBA)	
8	Aluminium staggered structural cleat, 6mm	
9	M8 structural cleat bolt assembly (M8-CBA)	
10	Stainless steel fixing (TBC)	
11	Abutment slotted flashing	
12	Optional PVC thermal break, 5mm	
13	Support profile	
14	JT4-4-4.8x19 Stainless steel fixing	
15	JT4-6-5.5x22 A14 Stainless steel fixing	
16	SFS support structure by others	
17	Insulation by others	
18	Cement particle board by others	
19	Internal boards by others	
20	Breather membrane by others	
21	'Top hat' profile (optional)	
22	Additional rigid sheet insulation if required by others	
23	Aluminium flashing	
24	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist	
25	EPDM by others	
26	Thermally Broken Aluminium Profile	
27	Weather seal by others	



**HORIZONTAL PANEL JOINT DETAIL**

**LEGEND:**

<b>N</b>	part of system, provided by PSP
<b>N</b>	not part of system, can be provided by PSP
<b>N</b>	provided by others


**LEGEND**

a	PSP Panel thickness - 50mm
b	Ventilated cavity (British standard - 25mm, NHBC - 38mm (baffled joints) and 50mm (open joints))
c	Insulation by others (must be Part B Compliant)
d	CP board by others - thickness established by project specification
e	SFS by others - depth established by project specification
f	Internal finishes by others

Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

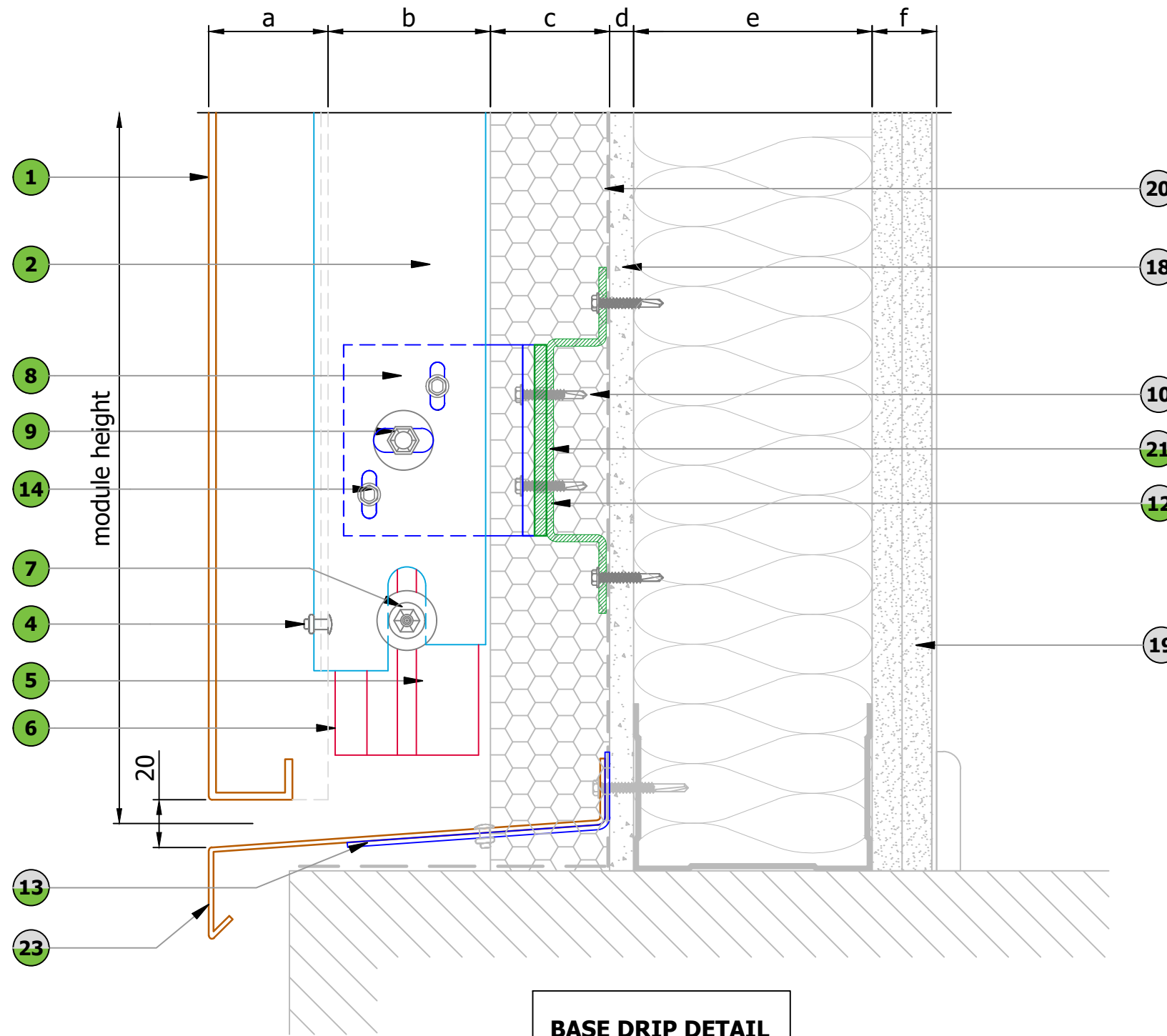
A	Product Re-Branding	14.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFM**

 <p>Unit 11 All Saints Industrial Estate Shildon County Durham DL4 2RD Tel: 00 44 (0) 1388 770490 Fax: 00 44 (0) 1388 778068 Email: design@pspuk.com www.pspuk.com</p>	Client: <b>P.S.P.</b>	
	Project: <b>MATRIX SFM Standard Details</b>	
	Title: <b>Horizontal Panel Joint Detail (Sectional View)</b>	
Drawn by: <b>SB</b>	Date: <b>14.06.19</b>	Scale: <b>1:2 @ A3</b>
Drwg. No.: <b>PSP-MSFM-S01</b>	Status: Approved	Revision: <b>A</b>

DO NOT SCALE

IF IN DOUBT - ASK



**BASE DRIP DETAIL**

PARTS LIST	
1	Panel - aluminium skin, 3mm
2	Panel - aluminium angle hook, 3mm
3	Panel - aluminium midspan support, 3mm
4	Panel - aluminium rivet
} Factory assembled	
5	Matrix60 Mullion (M60-M)
6	Matrix60 cover (M60-C) optional
7	M6 panel bolt assembly (M6-PBA)
8	Aluminium staggered structural cleat, 6mm
9	M8 structural cleat bolt assembly (M8-CBA)
10	Stainless steel fixing (TBC)
11	Abutment slotted flashing
12	Optional PVC thermal break, 5mm
13	Support profile
14	JT4-4-4.8x19 Stainless steel fixing
15	JT4-6-5.5x22 A14 Stainless steel fixing
16	SFS support structure by others
17	Insulation by others
18	Cement particle board by others
19	Internal boards by others
20	Breather membrane by others
21	'Top hat' profile (optional)
22	Additional rigid sheet insulation if required by others
23	Aluminium flashing
24	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
25	EPDM by others
26	Thermally Broken Aluminium Profile
27	Weather seal by others

LEGEND:	
<b>N</b> →	part of system, provided by PSP
<b>N</b> →	not part of system, can be provided by PSP
<b>N</b> →	provided by others

LEGEND	
a	PSP Panel thickness - 50mm
b	Ventilated cavity (British standard - 25mm, NHBC - 38mm (baffled joints) and 50mm (open joints))
c	Insulation by others (must be Part B Compliant)
d	CP board by others - thickness established by project specification
e	SFS by others - depth established by project specification
f	Internal finishes by others

Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

A	Product Re-Branding	14.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFM**

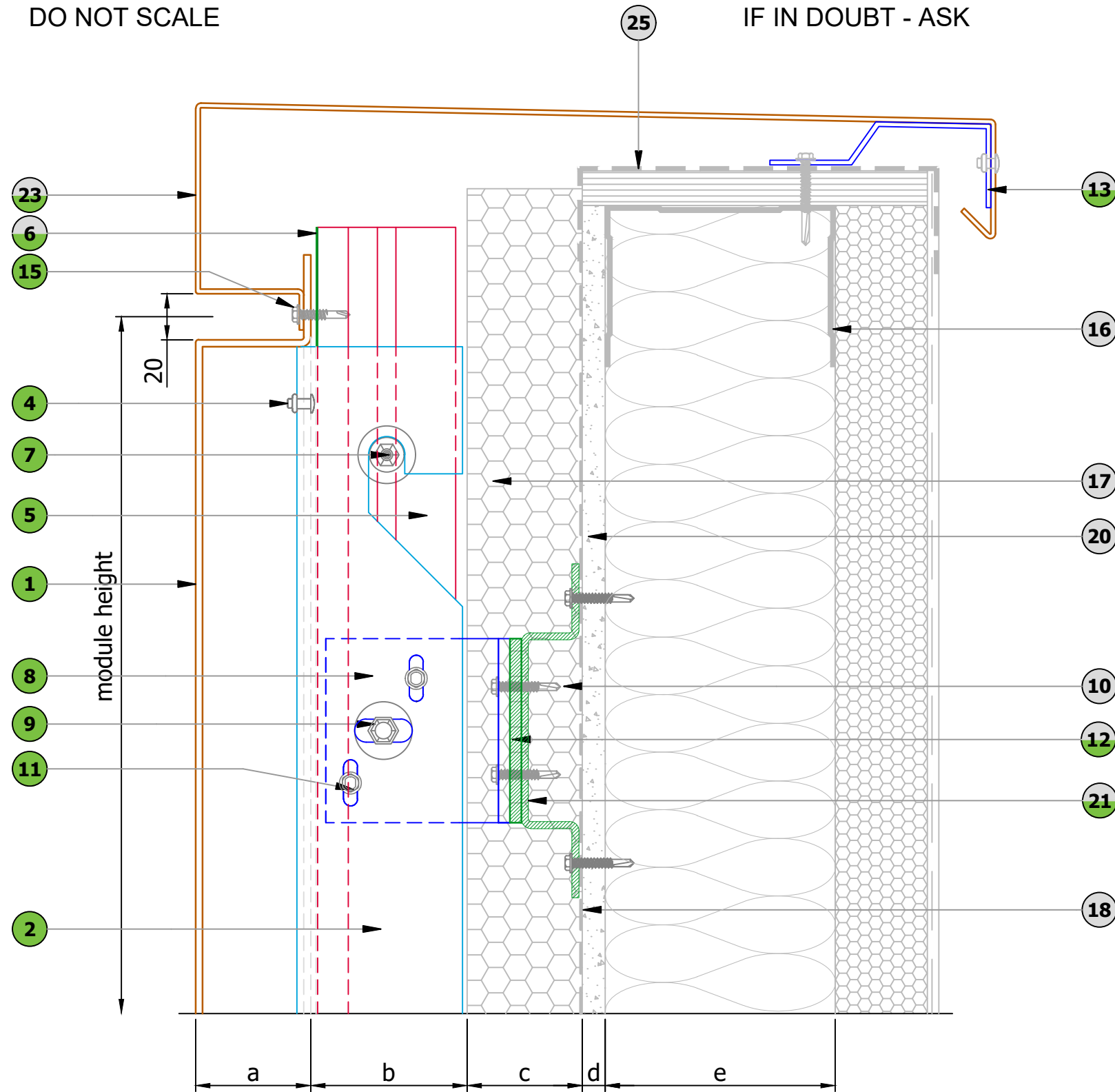
**PSP**  
 Unit 11  
 All Saints Industrial Estate  
 Shildon  
 County Durham  
 DL4 2RD  
 Tel: 00 44 (0) 1388 770490  
 Fax: 00 44 (0) 1388 778068  
 Email: design@pspuk.com  
 www.pspuk.com

Client:	P.S.P.	
Project:	MATRIX SFM Standard Details	
Title:	Base Drip Detail (Sectional View)	
Drawn by:	Date:	Scale:
SB	14.06.19	1:2 @ A3
Drwg. No.:	Status:	Approved
PSP-MSFM-S02	Revision:	A



DO NOT SCALE


IF IN DOUBT - ASK



PARTS LIST	
1	Panel - aluminium skin, 3mm
2	Panel - aluminium angle hook, 3mm
3	Panel - aluminium midspan support, 3mm
4	Panel - aluminium rivet
} Factory assembled	
5	Matrix60 Mullion (M60-M)
6	Matrix60 cover (M60-C) optional
7	M6 panel bolt assembly (M6-PBA)
8	Aluminium staggered structural cleat, 6mm
9	M8 structural cleat bolt assembly (M8-CBA)
10	Stainless steel fixing (TBC)
11	Abutment slotted flashing
12	Optional PVC thermal break, 5mm
13	Support profile
14	JT4-4-4.8x19 Stainless steel fixing
15	JT4-6-5.5x22 A14 Stainless steel fixing
16	SFS support structure by others
17	Insulation by others
18	Cement particle board by others
19	Internal boards by others
20	Breather membrane by others
21	'Top hat' profile (optional)
22	Additional rigid sheet insulation if required by others
23	Aluminium flashing
24	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
25	EPDM by others
26	Thermally Broken Aluminium Profile
27	Weather seal by others

A	Product Re-Branding	14.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFM**



Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD  
Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

Client:  
**P.S.P.**

Project:  
**MATRIX SFM Standard Details**

Title:  
**Coping Flashing Detail  
(Sectional View)**

Drawn by: <b>SB</b>	Date: <b>14.06.19</b>	Scale: <b>1:2 @ A3</b>
Drwg. No.:	Status:	Approved
<b>PSP-MSFM-S03</b>	Revision:	<b>A</b>

**COPING FLASHING DETAIL**

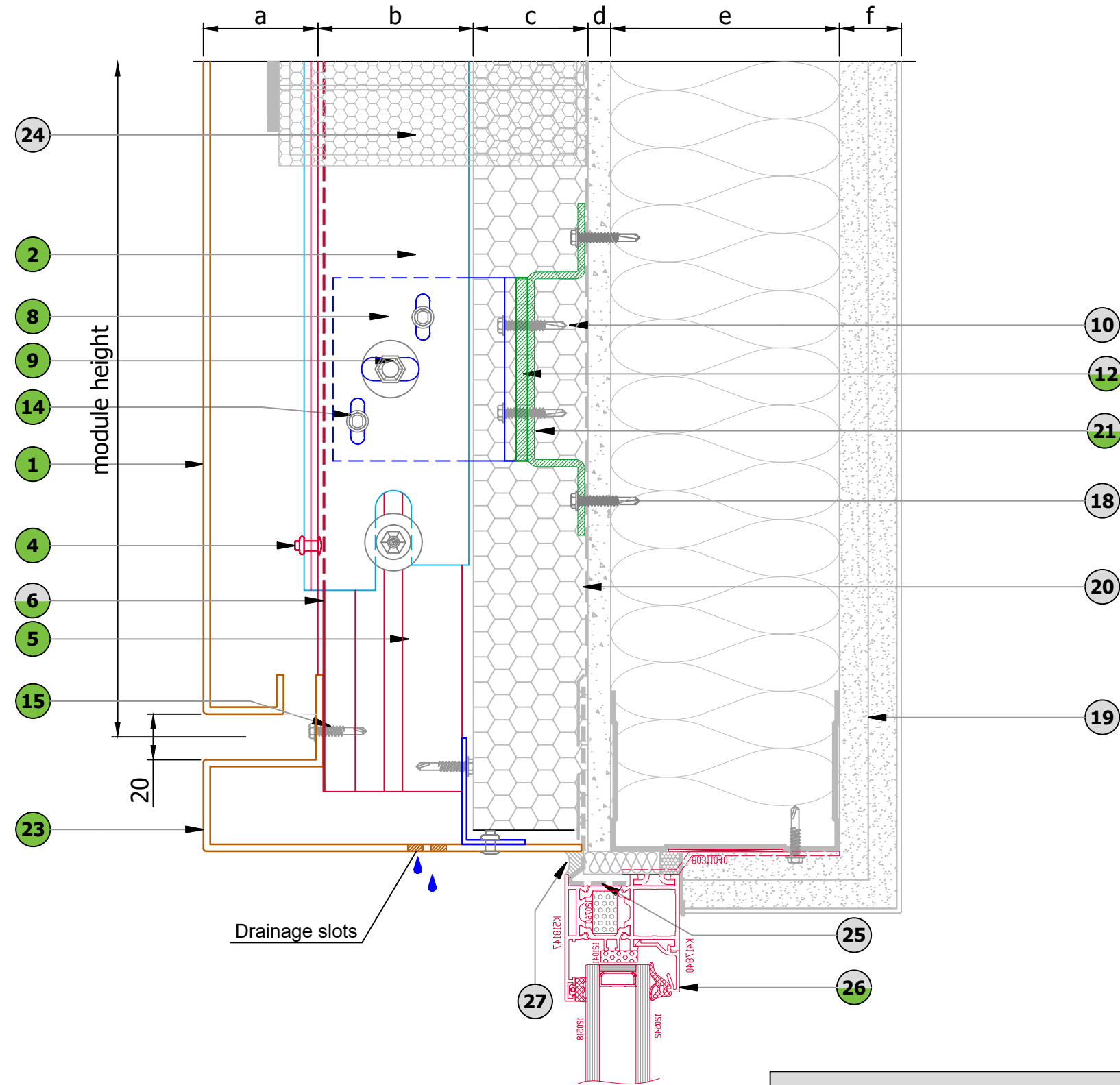
LEGEND:	
<b>N</b> →	part of system, provided by PSP
<b>N</b> →	not part of system, can be provided by PSP
<b>N</b> →	provided by others

LEGEND	
a	PSP Panel thickness - 50mm
b	Ventilated cavity (British standard - 25mm, NHBC - 38mm (baffled joints) and 50mm (open joints))
c	Insulation by others (must be Part B Compliant)
d	CP board by others - thickness established by project specification
e	SFS by others - depth established by project specification
f	Internal finishes by others

Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

DO NOT SCALE

IF IN DOUBT - ASK



PARTS LIST	
1	Panel - aluminium skin, 3mm
2	Panel - aluminium angle hook, 3mm
3	Panel - aluminium midspan support, 3mm
4	Panel - aluminium rivet
} Factory assembled	
5	Matrix60 Mullion (M60-M)
6	Matrix60 cover (M60-C) optional
7	M6 panel bolt assembly (M6-PBA)
8	Aluminium staggered structural cleat, 6mm
9	M8 structural cleat bolt assembly (M8-CBA)
10	Stainless steel fixing (TBC)
11	Abutment slotted flashing
12	Optional PVC thermal break, 5mm
13	Support profile
14	JT4-4-4.8x19 Stainless steel fixing
15	JT4-6-5.5x22 A14 Stainless steel fixing
16	SFS support structure by others
17	Insulation by others
18	Cement particle board by others
19	Internal boards by others
20	Breather membrane by others
21	'Top hat' profile (optional)
22	Additional rigid sheet insulation if required by others
23	Aluminium flashing
24	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
25	EPDM by others
26	Thermally Broken Aluminium Profile
27	Weather seal by others

LEGEND:	
<b>N</b> →	part of system, provided by PSP
<b>N</b> →	not part of system, can be provided by PSP
<b>N</b> →	provided by others


**WINDOW HEAD DETAIL**

LEGEND	
a	PSP Panel thickness - 50mm
b	Ventilated cavity (British standard - 25mm, NHBC - 38mm (baffled joints) and 50mm (open joints))
c	Insulation by others (must be Part B Compliant)
d	CP board by others - thickness established by project specification
e	SFS by others - depth established by project specification
f	Internal finishes by others

Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

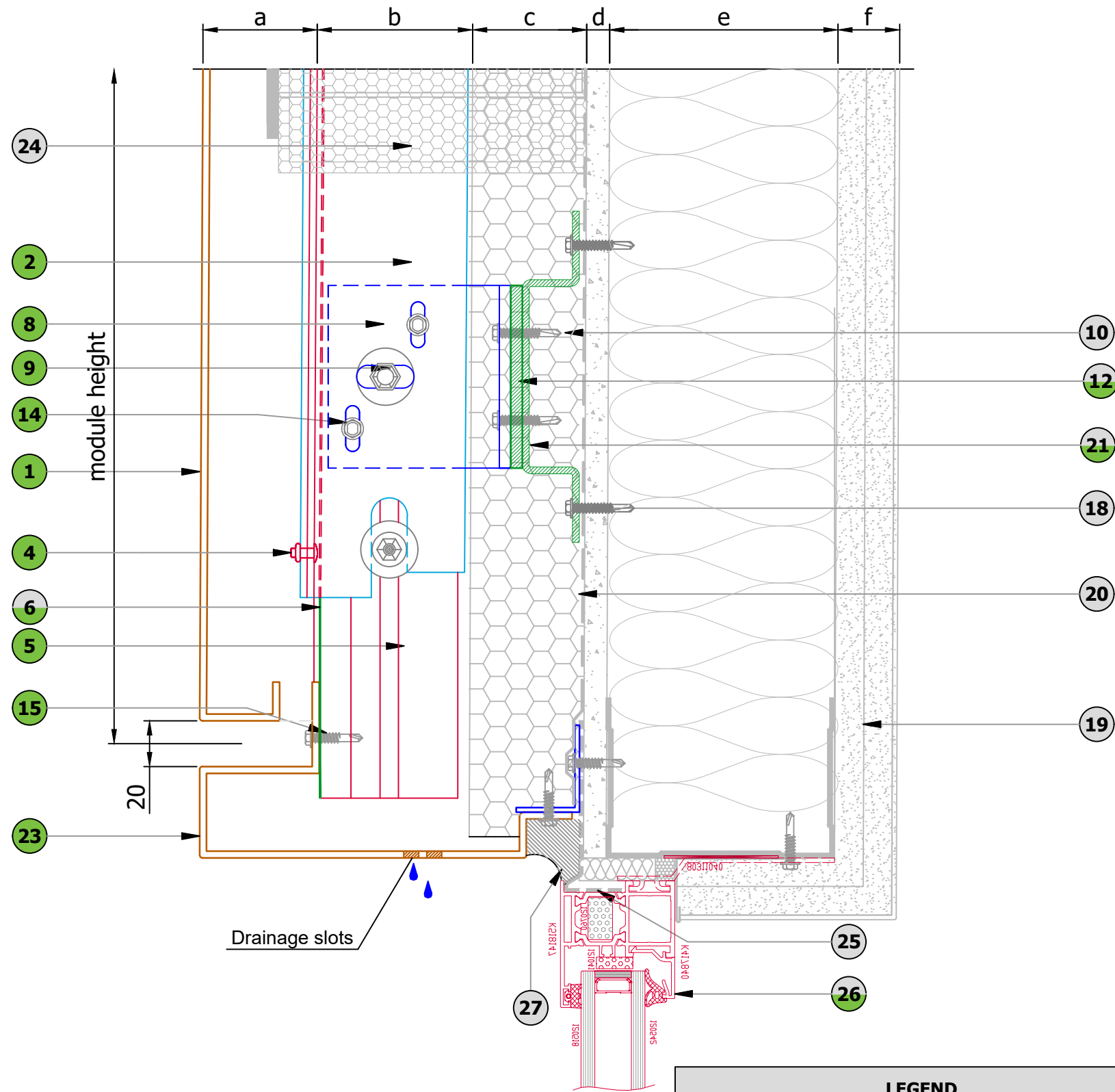
A	Product Re-Branding	14.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFM**

 <p>Unit 11 All Saints Industrial Estate Shildon County Durham DL4 2RD Tel: 00 44 (0) 1388 770490 Fax: 00 44 (0) 1388 778068 Email: design@pspuk.com www.pspuk.com</p>	Client: <b>P.S.P.</b>	
	Project: <b>MATRIX SFM Standard Details</b>	
Title: <b>Window Head Detail 1 (Sectional View)</b>		
Drawn by: <b>SB</b>	Date: <b>14.06.19</b>	Scale: <b>1:2 @ A3</b>
Drwg. No.: <b>PSP-MSFM-S04</b>	Status: <b>Approved</b>	Revision: <b>A</b>

DO NOT SCALE

IF IN DOUBT - ASK



PARTS LIST	
1	Panel - aluminium skin, 3mm
2	Panel - aluminium angle hook, 3mm
3	Panel - aluminium midspan support, 3mm
4	Panel - aluminium rivet
} Factory assembled	
5	Matrix60 Mullion (M60-M)
6	Matrix60 cover (M60-C) optional
7	M6 panel bolt assembly (M6-PBA)
8	Aluminium staggered structural cleat, 6mm
9	M8 structural cleat bolt assembly (M8-CBA)
10	Stainless steel fixing (TBC)
11	Abutment slotted flashing
12	Optional PVC thermal break, 5mm
13	Support profile
14	JT4-4-4.8x19 Stainless steel fixing
15	JT4-6-5.5x22 A14 Stainless steel fixing
16	SFS support structure by others
17	Insulation by others
18	Cement particle board by others
19	Internal boards by others
20	Breather membrane by others
21	'Top hat' profile (optional)
22	Additional rigid sheet insulation if required by others
23	Aluminium flashing
24	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
25	EPDM by others
26	Thermally Broken Aluminium Profile
27	Weather seal by others

LEGEND:	
<b>N</b> (green circle)	part of system, provided by PSP
<b>N</b> (grey circle)	not part of system, can be provided by PSP
<b>N</b> (white circle)	provided by others


**WINDOW HEAD DETAIL**

LEGEND	
a	PSP Panel thickness - 50mm
b	Ventilated cavity (British standard - 25mm, NHBC - 38mm (baffled joints) and 50mm (open joints))
c	Insulation by others (must be Part B Compliant)
d	CP board by others - thickness established by project specification
e	SFS by others - depth established by project specification
f	Internal finishes by others

Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

A	Product Re-Branding	14.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFM**



Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD  
Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

Client:  
**P.S.P.**

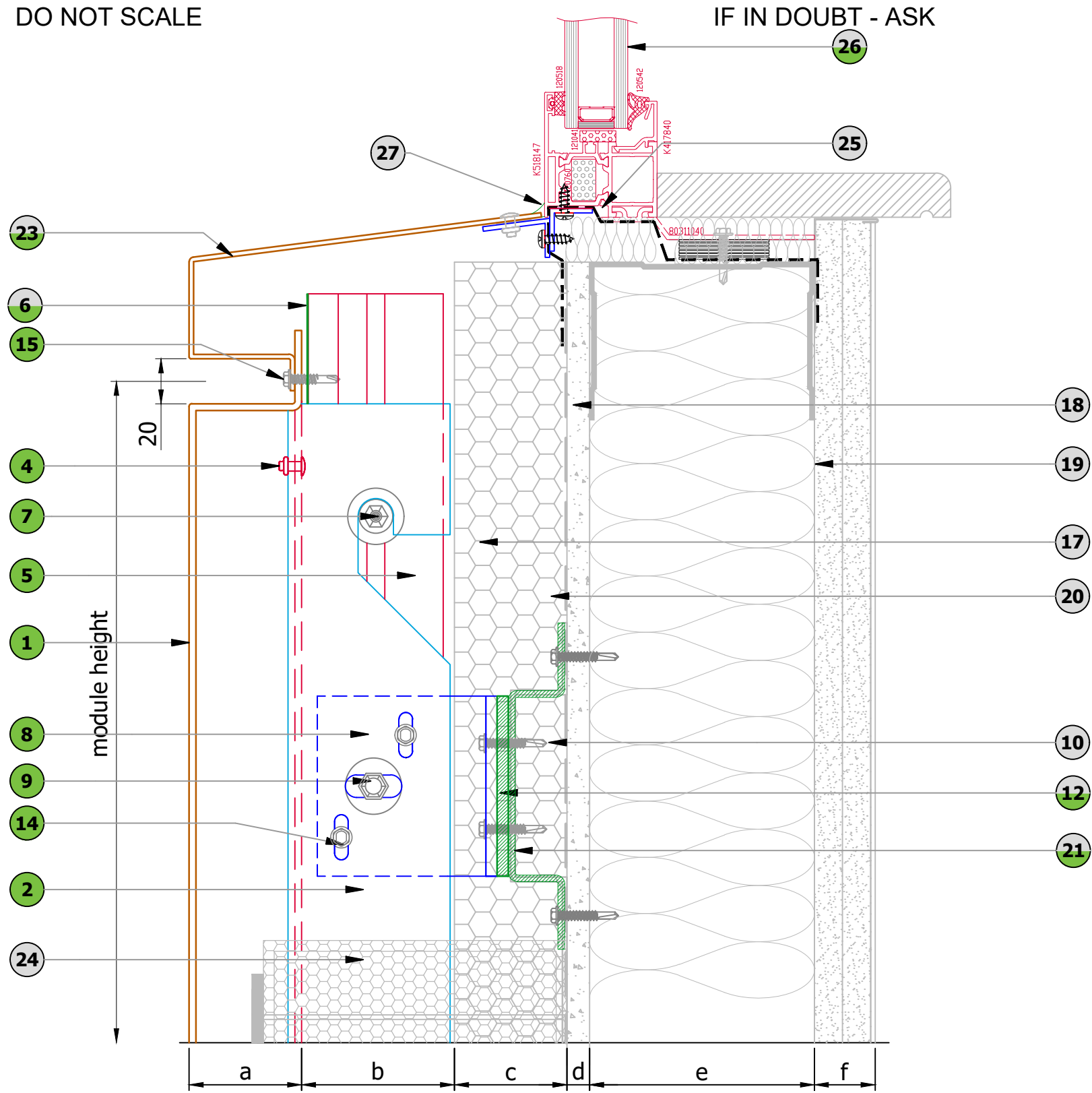
Project:  
**MATRIX SFM Standard Details**

Title:  
**Window Head Detail 2 (Sectional View)**

Drawn by: <b>SB</b>	Date: <b>14.06.19</b>	Scale: <b>1:2 @ A3</b>
Drwg. No.:	Status:	Approved
<b>PSP-MSFM-S05</b>	Revision:	<b>A</b>

DO NOT SCALE

IF IN DOUBT - ASK



PARTS LIST	
1	Panel - aluminium skin, 3mm
2	Panel - aluminium angle hook, 3mm
3	Panel - aluminium midspan support, 3mm
4	Panel - aluminium rivet
} Factory assembled	
5	Matrix60 Mullion (M60-M)
6	Matrix60 cover (M60-C) optional
7	M6 panel bolt assembly (M6-PBA)
8	Aluminium staggered structural cleat, 6mm
9	M8 structural cleat bolt assembly (M8-CBA)
10	Stainless steel fixing (TBC)
11	Abutment slotted flashing
12	Optional PVC thermal break, 5mm
13	Support profile
14	JT4-4-4.8x19 Stainless steel fixing
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16	SFS support structure by others
17	Insulation by others
18	Cement particle board by others
19	Internal boards by others
20	Breather membrane by others
21	'Top hat' profile (optional)
22	Additional rigid sheet insulation if required by others
23	Aluminium flashing
24	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
25	EPDM by others
26	Thermally Broken Aluminium Profile
27	Weather seal by others

LEGEND:	
<b>N</b> →	part of system, provided by PSP
<b>N</b> →	not part of system, can be provided by PSP
<b>N</b> →	provided by others


**WINDOW CILL DETAIL**

LEGEND	
a	PSP Panel thickness - 50mm
b	Ventilated cavity (British standard - 25mm, NHBC - 38mm (baffled joints) and 50mm (open joints))
c	Insulation by others (must be Part B Compliant)
d	CP board by others - thickness established by project specification
e	SFS by others - depth established by project specification
f	Internal finishes by others

Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

A	Product Re-Branding	14.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFM**



Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD  
Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

Client:  
**P.S.P.**

Project:  
**MATRIX SFM Standard Details**

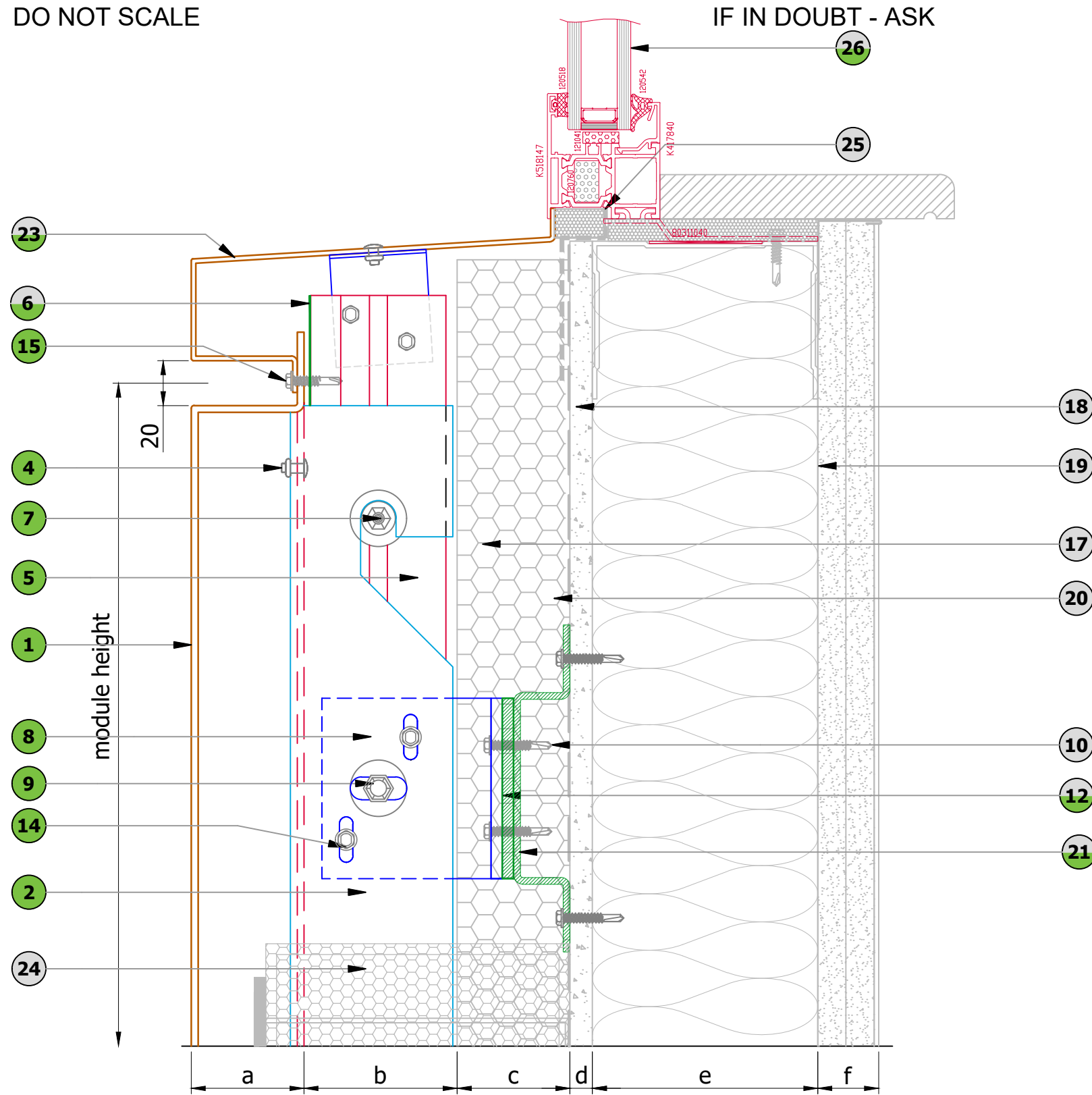
Title:  
**Window Cill Detail 1 (Sectional View)**

Drawn by: <b>SB</b>	Date: <b>14.06.19</b>	Scale: <b>1:2 @ A3</b>
Drwg. No.:	Status:	Approved
<b>PSP-MSFM-S06</b>	Revision:	<b>A</b>



DO NOT SCALE

IF IN DOUBT - ASK



PARTS LIST	
1	Panel - aluminium skin, 3mm
2	Panel - aluminium angle hook, 3mm
3	Panel - aluminium midspan support, 3mm
4	Panel - aluminium rivet
} Factory assembled	
5	Matrix60 Mullion (M60-M)
6	Matrix60 cover (M60-C) optional
7	M6 panel bolt assembly (M6-PBA)
8	Aluminium staggered structural cleat, 6mm
9	M8 structural cleat bolt assembly (M8-CBA)
10	Stainless steel fixing (TBC)
11	Abutment slotted flashing
12	Optional PVC thermal break, 5mm
13	Support profile
14	JT4-4-4.8x19 Stainless steel fixing
15	JT4-6-5.5x22 A14 Stainless steel fixing
16	SFS support structure by others
17	Insulation by others
18	Cement particle board by others
19	Internal boards by others
20	Breather membrane by others
21	'Top hat' profile (optional)
22	Additional rigid sheet insulation if required by others
23	Aluminium flashing
24	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
25	EPDM by others
26	Thermally Broken Aluminium Profile
27	Weather seal by others

LEGEND:	
<b>N</b> →	part of system, provided by PSP
<b>N</b> →	not part of system, can be provided by PSP
<b>N</b> →	provided by others


**WINDOW CILL DETAIL**

LEGEND	
a	PSP Panel thickness - 50mm
b	Ventilated cavity (British standard - 25mm, NHBC - 38mm (baffled joints) and 50mm (open joints))
c	Insulation by others (must be Part B Compliant)
d	CP board by others - thickness established by project specification
e	SFS by others - depth established by project specification
f	Internal finishes by others

Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

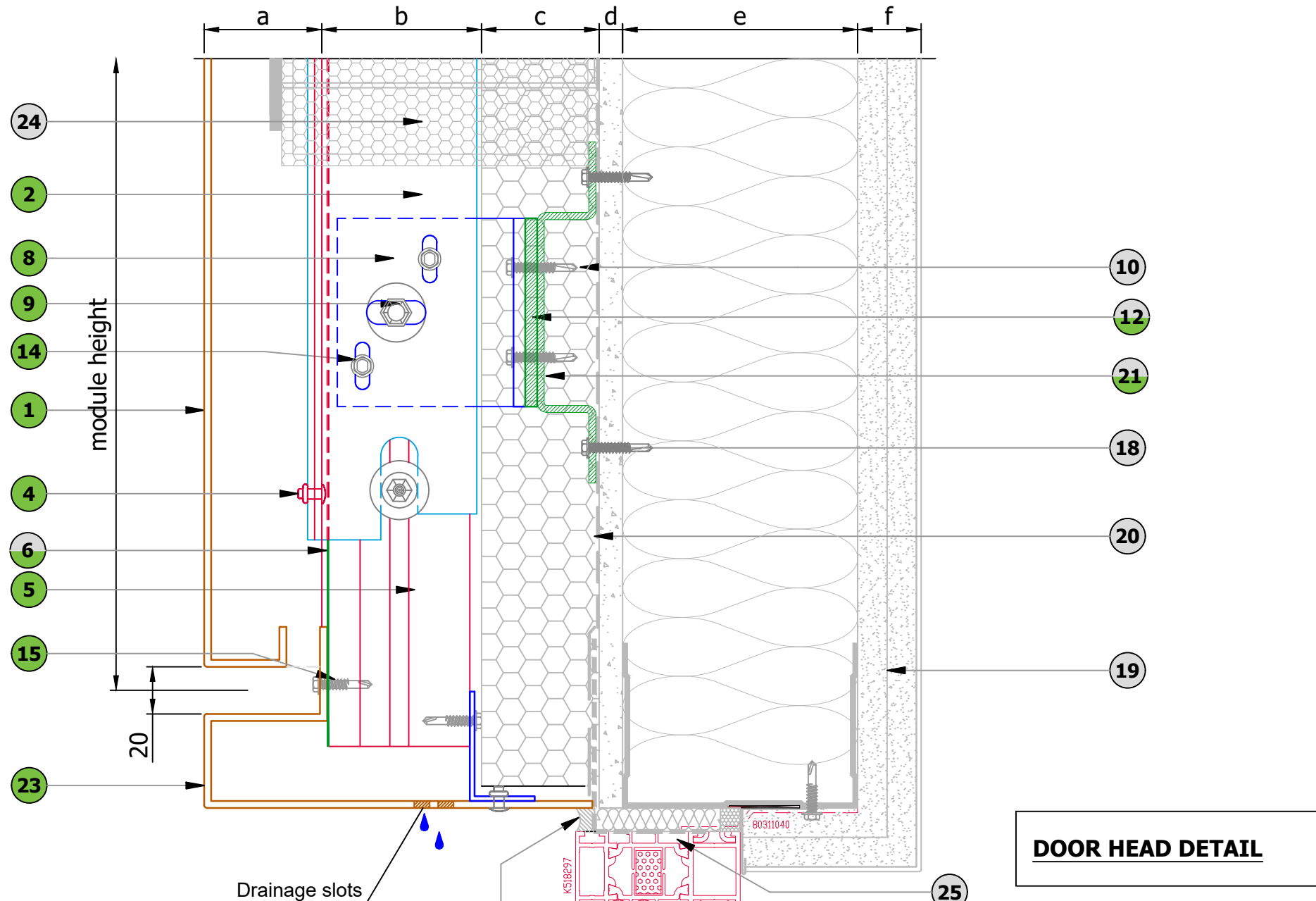
A	Product Re-Branding	14.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFM**

 <p>Unit 11 All Saints Industrial Estate Shildon County Durham DL4 2RD Tel: 00 44 (0) 1388 770490 Fax: 00 44 (0) 1388 778068 Email: design@pspuk.com www.pspuk.com</p>	Client: <b>P.S.P.</b>	
	Project: <b>MATRIX SFM Standard Details</b>	
	Title: <b>Window Cill Detail 2 (Sectional View)</b>	
Drawn by: <b>SB</b>	Date: <b>14.06.19</b>	Scale: <b>1:2 @ A3</b>
Drwg. No.: <b>PSP-MSFM-S07</b>	Status: Approved	Revision: <b>A</b>

DO NOT SCALE

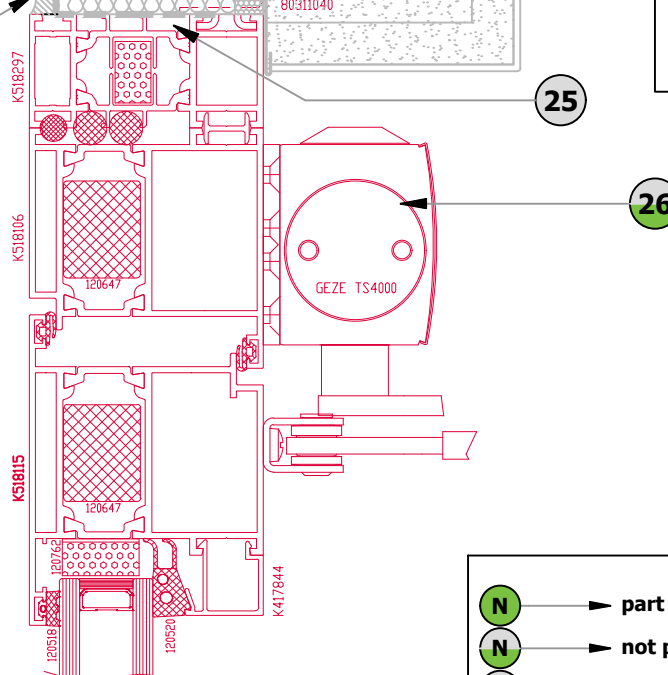
IF IN DOUBT - ASK



PARTS LIST	
1	Panel - aluminium skin, 3mm
2	Panel - aluminium angle hook, 3mm
3	Panel - aluminium midspan support, 3mm
4	Panel - aluminium rivet
} Factory assembled	
5	Matrix60 Mullion (M60-M)
6	Matrix60 cover (M60-C) optional
7	M6 panel bolt assembly (M6-PBA)
8	Aluminium staggered structural cleat, 6mm
9	M8 structural cleat bolt assembly (M8-CBA)
10	Stainless steel fixing (TBC)
11	Abutment slotted flashing
12	Optional PVC thermal break, 5mm
13	Support profile
14	JT4-4-4.8x19 Stainless steel fixing
15	JT4-6-5.5x22 A14 Stainless steel fixing
16	SFS support structure by others
17	Insulation by others
18	Cement particle board by others
19	Internal boards by others
20	Breather membrane by others
21	'Top hat' profile (optional)
22	Additional rigid sheet insulation if required by others
23	Aluminium flashing
24	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
25	EPDM by others
26	Thermally Broken Aluminium Profile
27	Weather seal by others

**DOOR HEAD DETAIL**

LEGEND	
a	PSP Panel thickness - 50mm
b	Ventilated cavity (British standard - 25mm, NHBC - 38mm (baffled joints) and 50mm (open joints))
c	Insulation by others (must be Part B Compliant)
d	CP board by others - thickness established by project specification
e	SFS by others - depth established by project specification
f	Internal finishes by others



LEGEND:	
<b>N</b>	part of system, provided by PSP
<b>N</b>	not part of system, can be provided by PSP
<b>N</b>	provided by others

Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

A	Product Re-Branding	14.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFM**

Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD  
Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

Client:  
**P.S.P.**

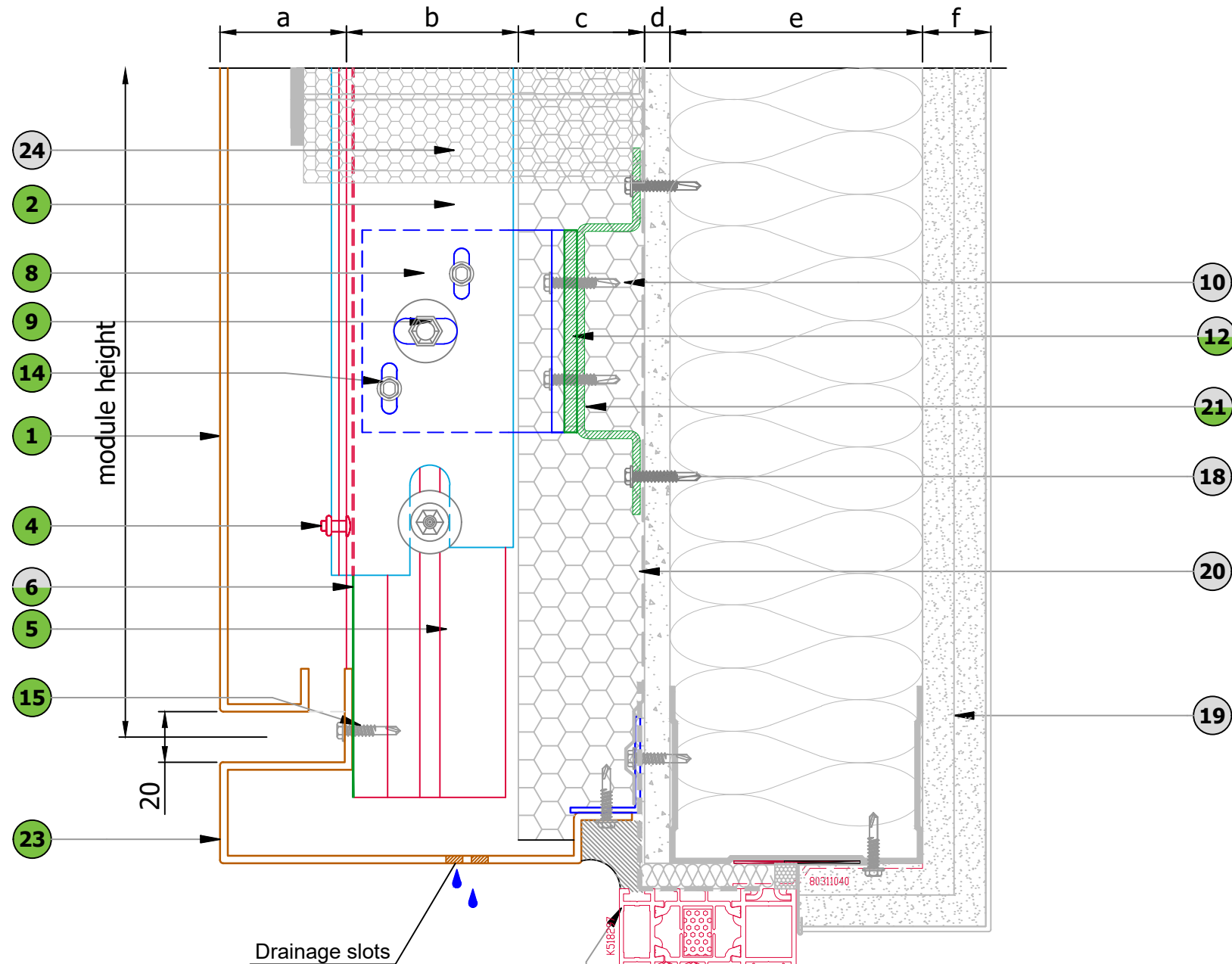
Project:  
**MATRIX SFM Standard Details**

Title:  
**Door Head Detail 1 (Sectional View)**

Drawn by: <b>SB</b>	Date: <b>14.06.19</b>	Scale: <b>1:2 @ A3</b>
Drwg. No.: <b>PSP-MSFM-S08</b>	Status: <b>Approved</b>	Revision: <b>A</b>

DO NOT SCALE

IF IN DOUBT - ASK



PARTS LIST	
1	Panel - aluminium skin, 3mm
2	Panel - aluminium angle hook, 3mm
3	Panel - aluminium midspan support, 3mm
4	Panel - aluminium rivet
} Factory assembled	
5	Matrix60 Mullion (M60-M)
6	Matrix60 cover (M60-C) optional
7	M6 panel bolt assembly (M6-PBA)
8	Aluminium staggered structural cleat, 6mm
9	M8 structural cleat bolt assembly (M8-CBA)
10	Stainless steel fixing (TBC)
11	Abutment slotted flashing
12	Optional PVC thermal break, 5mm
13	Support profile
14	JT4-4-4.8x19 Stainless steel fixing
15	JT4-6-5.5x22 A14 Stainless steel fixing
16	SFS support structure by others
17	Insulation by others
18	Cement particle board by others
19	Internal boards by others
20	Breather membrane by others
21	'Top hat' profile (optional)
22	Additional rigid sheet insulation if required by others
23	Aluminium flashing
24	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
25	EPDM by others
26	Thermally Broken Aluminium Profile
27	Weather seal by others

LEGEND	
a	PSP Panel thickness - 50mm
b	Ventilated cavity (British standard - 25mm, NHBC - 38mm (baffled joints) and 50mm (open joints))
c	Insulation by others (must be Part B Compliant)
d	CP board by others - thickness established by project specification
e	SFS by others - depth established by project specification
f	Internal finishes by others

**DOOR HEAD DETAIL**

LEGEND:	
	part of system, provided by PSP
	not part of system, can be provided by PSP
	provided by others

Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

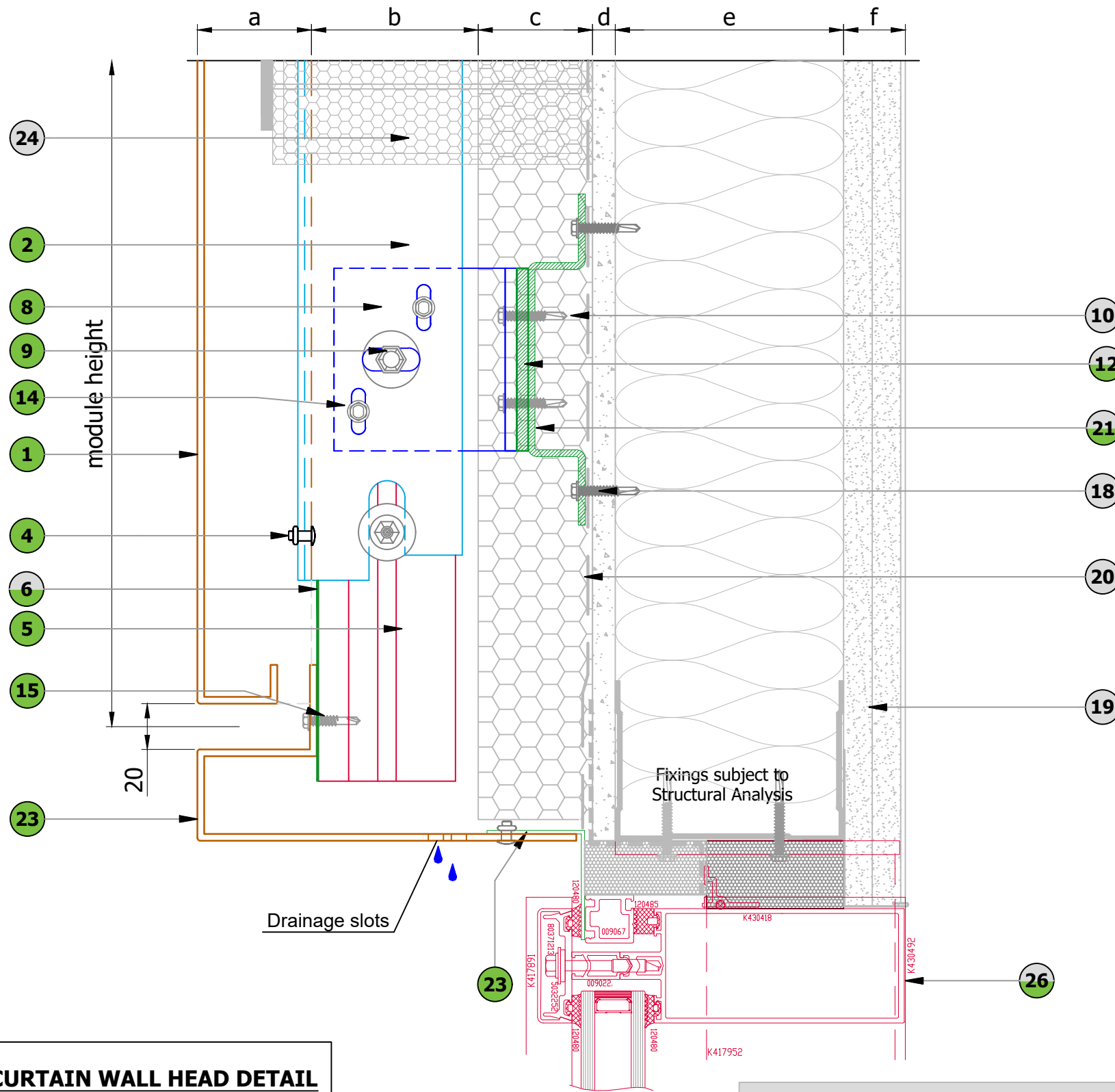
A	Product Re-Branding	14.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFM**

<p>Unit 11 All Saints Industrial Estate Shildon County Durham DL4 2RD Tel: 00 44 (0) 1388 770490 Fax: 00 44 (0) 1388 778068 Email: design@pspuk.com www.pspuk.com</p>	Client: <b>P.S.P.</b>	
	Project: <b>MATRIX SFM Standard Details</b>	
Title: <b>Door Head Detail 2 (Sectional View)</b>		
Drawn by: <b>SB</b>	Date: <b>14.06.19</b>	Scale: <b>1:2 @ A3</b>
Drwg. No.: <b>PSP-MSFM-S09</b>	Status: Approved	Revision: <b>A</b>

DO NOT SCALE

IF IN DOUBT - ASK



PARTS LIST	
1	Panel - aluminium skin, 3mm
2	Panel - aluminium angle hook, 3mm
3	Panel - aluminium midspan support, 3mm
4	Panel - aluminium rivet
} Factory assembled	
5	Matrix60 Mullion (M60-M)
6	Matrix60 cover (M60-C) optional
7	M6 panel bolt assembly (M6-PBA)
8	Aluminium staggered structural cleat, 6mm
9	M8 structural cleat bolt assembly (M8-CBA)
10	Stainless steel fixing (TBC)
11	Abutment slotted flashing
12	Optional PVC thermal break, 5mm
13	Support profile
14	JT4-4-4.8x19 Stainless steel fixing
15	JT4-6-5.5x22 A14 Stainless steel fixing
16	SFS support structure by others
17	Insulation by others
18	Cement particle board by others
19	Internal boards by others
20	Breather membrane by others
21	'Top hat' profile (optional)
22	Additional rigid sheet insulation if required by others
23	Aluminium flashing
24	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
25	EPDM by others
26	Thermally Broken Aluminium Profile
27	Weather seal by others

**CURTAIN WALL HEAD DETAIL**

LEGEND:	
	part of system, provided by PSP
	not part of system, can be provided by PSP
	provided by others

LEGEND	
a	PSP Panel thickness - 50mm
b	Ventilated cavity (British standard - 25mm, NHBC - 38mm (baffled joints) and 50mm (open joints))
c	Insulation by others (must be Part B Compliant)
d	CP board by others - thickness established by project specification
e	SFS by others - depth established by project specification
f	Internal finishes by others

Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

A	Product Re-Branding	14.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFM**

  
 Unit 11  
 All Saints Industrial Estate  
 Shildon  
 County Durham  
 DL4 2RD  
 Tel: 00 44 (0) 1388 770490  
 Fax: 00 44 (0) 1388 778068  
 Email: design@pspuk.com  
 www.pspuk.com

Client: P.S.P.		
Project: MATRIX SFM Standard Details		
Title: Curtain Wall Head Detail (Sectional View)		
Drawn by: SB	Date: 14.06.19	Scale: 1:2 @ A3
Drwg. No.:	Status:	Approved
PSP-MSFM-S10	Revision:	A




DO NOT SCALE

IF IN DOUBT - ASK

PARTS LIST	
1	Panel - aluminium skin, 3mm
2	Panel - aluminium angle hook, 3mm
3	Panel - aluminium midspan support, 3mm
4	Panel - aluminium rivet
} Factory assembled	
5	Matrix60 Mullion (M60-M)
6	Matrix60 cover (M60-C) optional
7	M6 panel bolt assembly (M6-PBA)
8	Aluminium staggered structural cleat, 6mm
9	M8 structural cleat bolt assembly (M8-CBA)
10	Stainless steel fixing (TBC)
11	Abutment slotted flashing
12	Optional PVC thermal break, 5mm
13	Support profile
14	JT4-4-4.8x19 Stainless steel fixing
15	JT4-6-5.5x22 A14 Stainless steel fixing
16	SFS support structure by others
17	Insulation by others
18	Cement particle board by others
19	Internal boards by others
20	Breather membrane by others
21	'Top hat' profile (optional)
22	Additional rigid sheet insulation if required by others
23	Aluminium flashing
24	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
25	EPDM by others
26	Thermally Broken Aluminium Profile
27	Weather seal by others

A	Product Re-Branding	14.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFM**



Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD  
Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

Client:  
**P.S.P.**

Project:  
**MATRIX SFM Standard Details**

Title:  
**Fire Barrier Detail  
(Sectional View)**

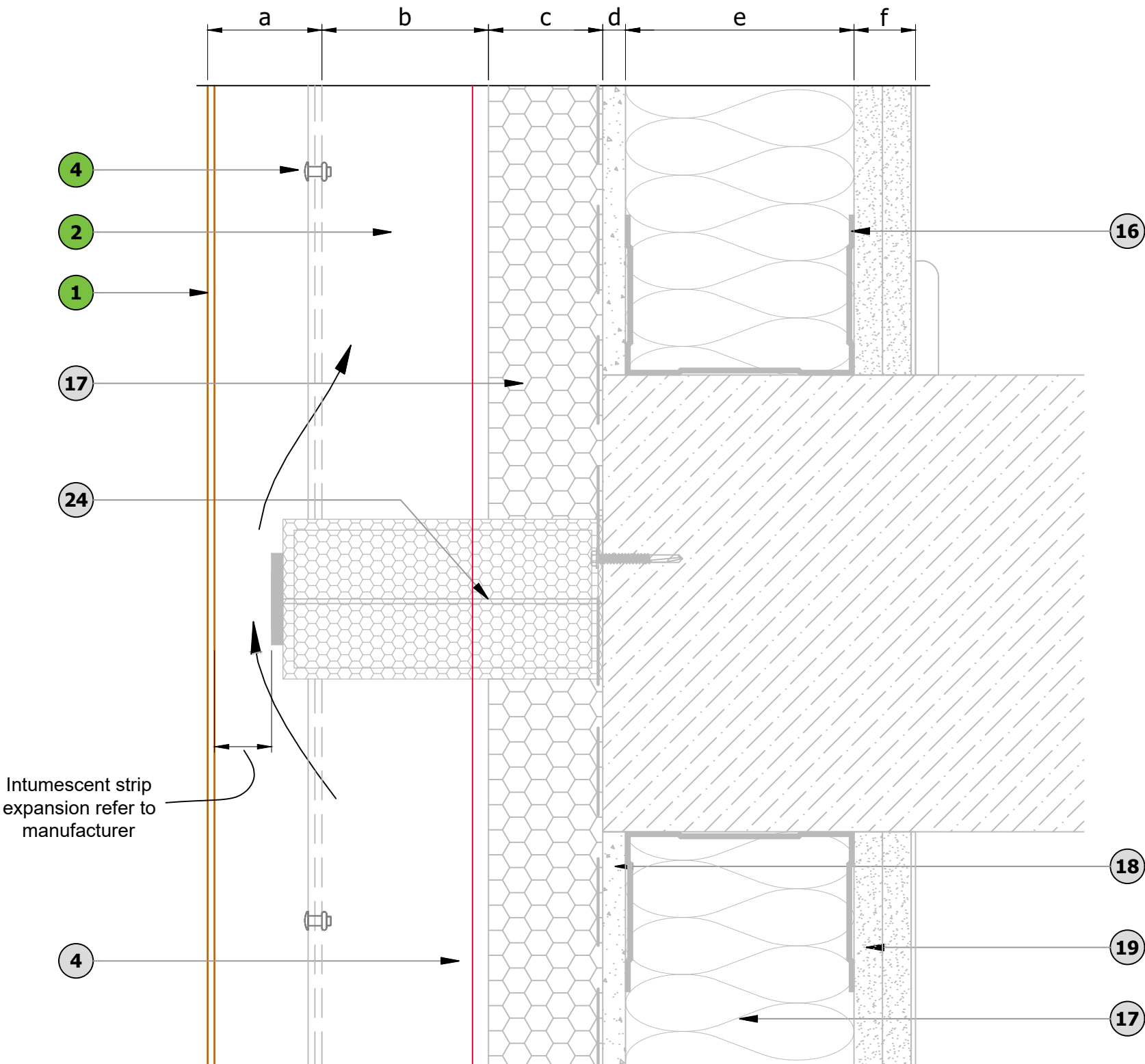
Drawn by: <b>SB</b>	Date: <b>14.06.19</b>	Scale: <b>1:2 @ A3</b>
Drwg. No.: <b>PSP-MSFM-S11</b>	Status: Approved	Revision: <b>A</b>

LEGEND:	
<span style="border: 1px solid green; border-radius: 50%; padding: 2px;">N</span>	part of system, provided by PSP
<span style="border: 1px solid grey; border-radius: 50%; padding: 2px;">N</span>	not part of system, can be provided by PSP
<span style="border: 1px solid grey; border-radius: 50%; padding: 2px;">N</span>	provided by others

**FIRE BARRIERS DETAIL**

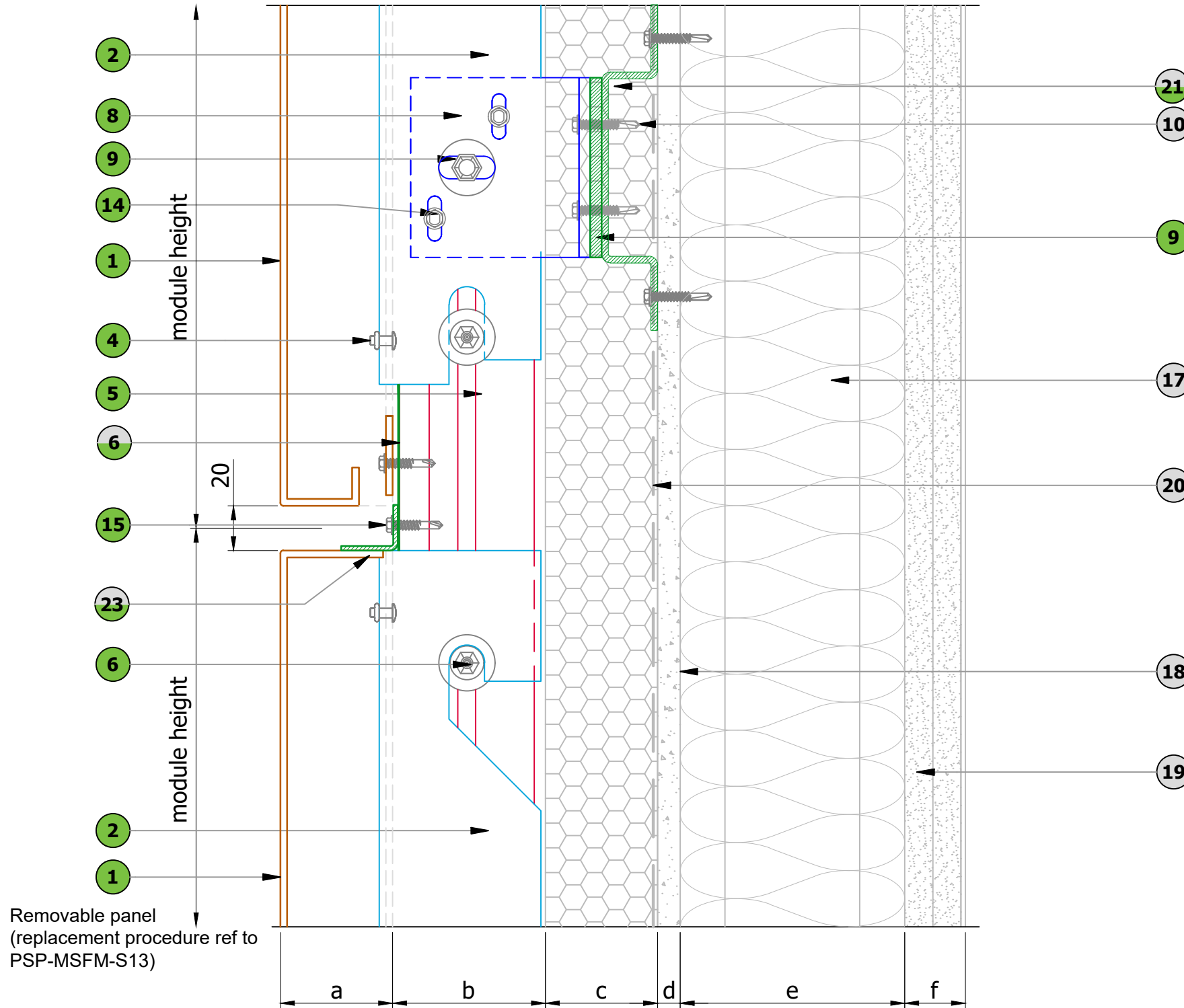
LEGEND	
a	PSP Panel thickness - 50mm
b	Ventilated cavity (British standard - 25mm, NHBC - 38mm (baffled joints) and 50mm (open joints))
c	Insulation by others (must be Part B Compliant)
d	CP board by others - thickness established by project specification
e	SFS by others - depth established by project specification
f	Internal finishes by others

Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.



DO NOT SCALE

IF IN DOUBT - ASK



**REMOVABLE PANEL HORIZONTAL JOINT DETAIL**  
Replacement procedure ref to PSP-MSFM-S13

LEGEND	
a	PSP Panel thickness - 50mm
b	Ventilated cavity (British standard - 25mm, NHBC - 38mm (baffled joints) and 50mm (open joints))
c	Insulation by others (must be Part B Compliant)
d	CP board by others - thickness established by project specification
e	SFS by others - depth established by project specification
f	Internal finishes by others

PARTS LIST	
1	Panel - aluminium skin, 3mm
2	Panel - aluminium angle hook, 3mm
3	Panel - aluminium midspan support, 3mm
4	Panel - aluminium rivet
} Factory assembled	
5	Matrix60 Mullion (M60-M)
6	Matrix60 cover (M60-C) optional
7	M6 panel bolt assembly (M6-PBA)
8	Aluminium staggered structural cleat, 6mm
9	M8 structural cleat bolt assembly (M8-CBA)
10	Stainless steel fixing (TBC)
11	Abutment slotted flashing
12	Optional PVC thermal break, 5mm
13	Support profile
14	JT4-4-4.8x19 Stainless steel fixing
15	JT4-6-5.5x22 A14 Stainless steel fixing
16	SFS support structure by others
17	Insulation by others
18	Cement particle board by others
19	Internal boards by others
20	Breather membrane by others
21	'Top hat' profile (optional)
22	Additional rigid sheet insulation if required by others
23	Aluminium flashing
24	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
25	EPDM by others
26	Thermally Broken Aluminium Profile
27	Weather seal by others

A	Product Re-Branding	14.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFM**

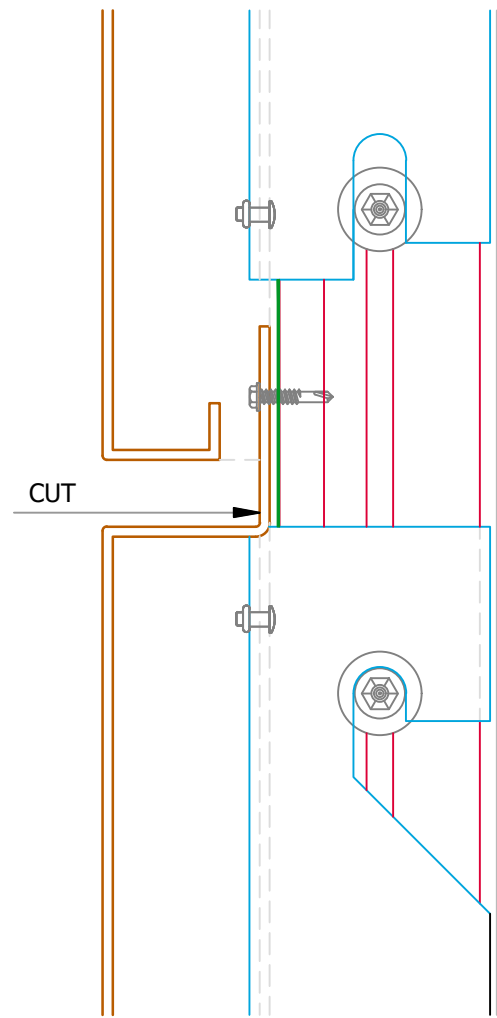
**PSP**  
Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD  
Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

Client: P.S.P.		
Project: MATRIX SFM Standard Details		
Title: Removable Panel Horizontal Joint Detail (Sectional View)		
Drawn by: SB	Date: 14.06.19	Scale: 1:2 @ A3
Drwg. No.:	Status:	Approved
PSP-MSFM-S12	Revision:	A

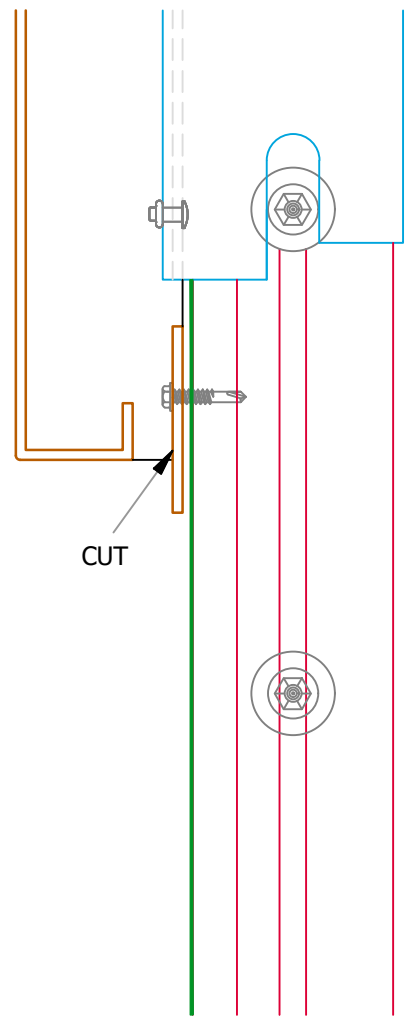
Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

DO NOT SCALE

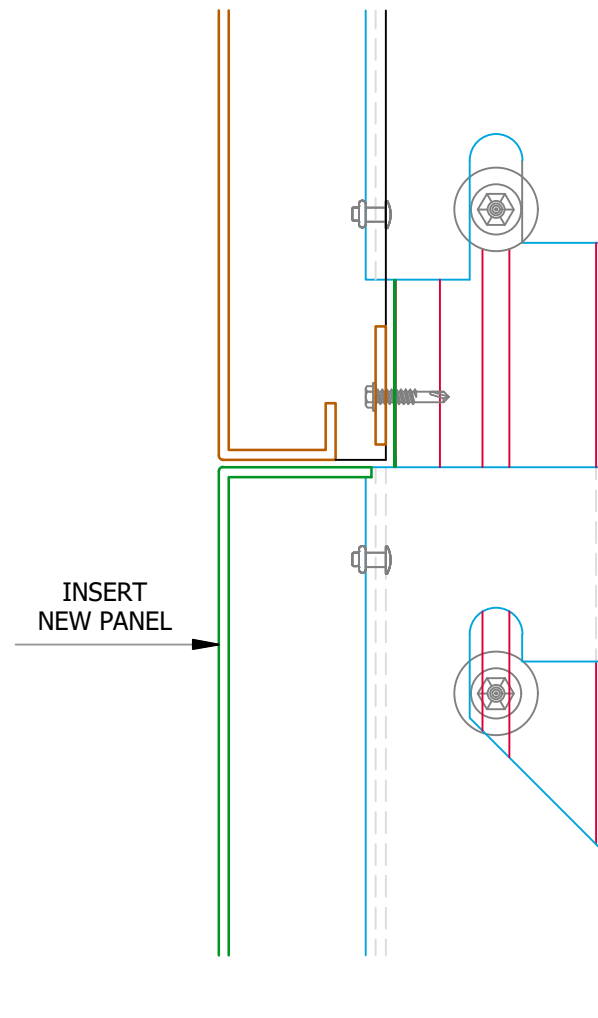
IF IN DOUBT - ASK



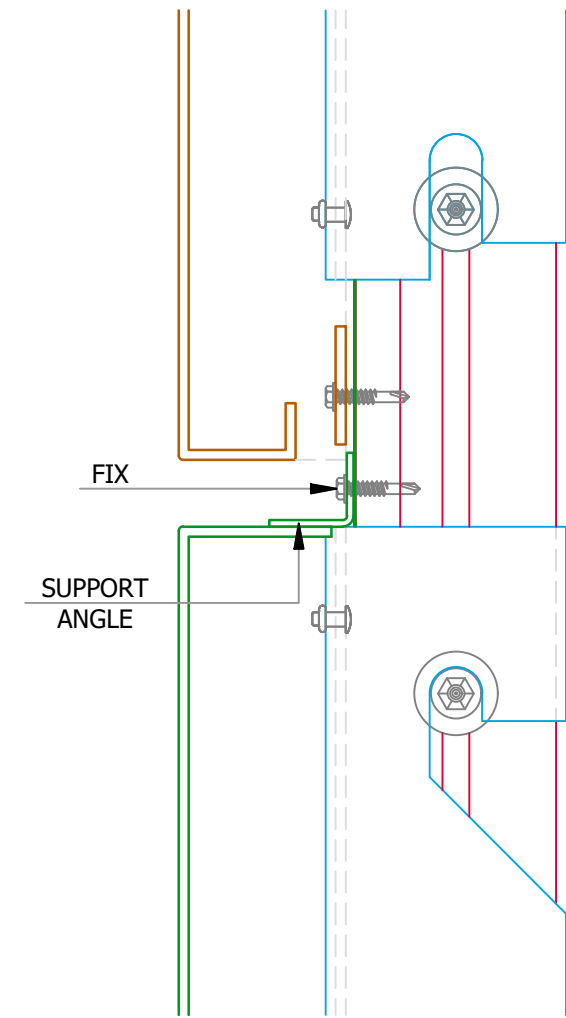
**STEP 1**



**STEP 2**



**STEP 3**



**STEP 4**

**RECOMMENDED PROCESS**

1. PANEL TO BE REMOVED TO BE CUT ALONG JOINT
1. REMAINING PART OF PANEL TO BE CUT AT HIGHEST POINT
2. INSERT NEW PANEL
4. FIX SUPPORT ANGLE VIA JOINT USING LOW PROFILE HEADED FIXING

**REMOVABLE PANEL REPLACEMENT PROCEDURE**

**Refer also to PSP-MSFM-S12**

A	Product Re-Branding	14.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFM**

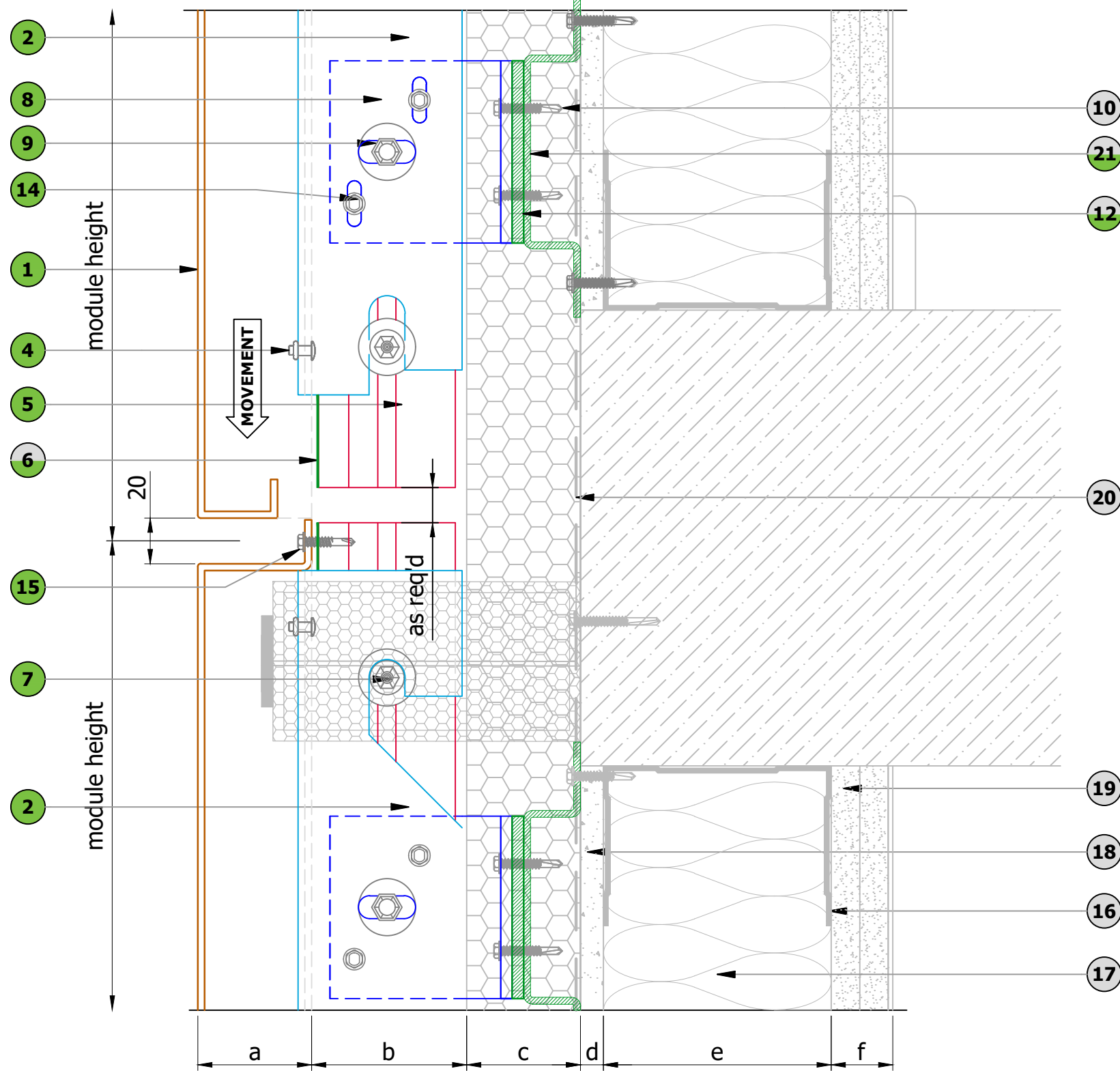
**PSP**  
 Unit 11  
 All Saints Industrial Estate  
 Shildon  
 County Durham  
 DL4 2RD  
 Tel: 00 44 (0) 1388 770490  
 Fax: 00 44 (0) 1388 778068  
 Email: design@pspuk.com  
 www.pspuk.com

Client: <b>P.S.P.</b>		
Project: <b>MATRIX SFM Standard Details</b>		
Title: <b>Replacement Panel Procedure (Sectional View)</b>		
Drawn by: <b>SB</b>	Date: <b>14.06.19</b>	Scale: <b>1:2 @ A3</b>
Drwg. No.: <b>PSP-MSFM-S13</b>	Status: Approved	Revision: <b>A</b>

Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

DO NOT SCALE

IF IN DOUBT - ASK



PARTS LIST	
1	Panel - aluminium skin, 3mm
2	Panel - aluminium angle hook, 3mm
3	Panel - aluminium midspan support, 3mm
4	Panel - aluminium rivet
} Factory assembled	
5	Matrix60 Mullion (M60-M)
6	Matrix60 cover (M60-C) optional
7	M6 panel bolt assembly (M6-PBA)
8	Aluminium staggered structural cleat, 6mm
9	M8 structural cleat bolt assembly (M8-CBA)
10	Stainless steel fixing (TBC)
11	Abutment slotted flashing
12	Optional PVC thermal break, 5mm
13	Support profile
14	JT4-4-4.8x19 Stainless steel fixing
15	JT4-6-5.5x22 A14 Stainless steel fixing
16	SFS support structure by others
17	Insulation by others
18	Cement particle board by others
19	Internal boards by others
20	Breather membrane by others
21	'Top hat' profile (optional)
22	Additional rigid sheet insulation if required by others
23	Aluminium flashing
24	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
25	EPDM by others
26	Thermally Broken Aluminium Profile
27	Weather seal by others

LEGEND:	
<b>N</b> →	part of system, provided by PSP
<b>N</b> →	not part of system, can be provided by PSP
<b>N</b> →	provided by others


**MOVEMENT JOINT DETAIL**

LEGEND	
a	PSP Panel thickness - 50mm
b	Ventilated cavity (British standard - 25mm, NHBC - 38mm (baffled joints) and 50mm (open joints))
c	Insulation by others (must be Part B Compliant)
d	CP board by others - thickness established by project specification
e	SFS by others - depth established by project specification
f	Internal finishes by others

Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

A	Product Re-Branding	14.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFM**

 <p>Unit 11 All Saints Industrial Estate Shildon County Durham DL4 2RD Tel: 00 44 (0) 1388 770490 Fax: 00 44 (0) 1388 778068 Email: design@pspuk.com www.pspuk.com</p>	Client: <b>P.S.P.</b>	
	Project: <b>MATRIX SFM Standard Details</b>	
	Title: <b>Typical Movement Joint Detail (Sectional View)</b>	
	Drawn by: <b>SB</b>	Date: <b>14.06.19</b>
Drwg. No.:	Status:	Approved
<b>PSP-MSFM-S14</b>	Revision:	<b>A</b>