

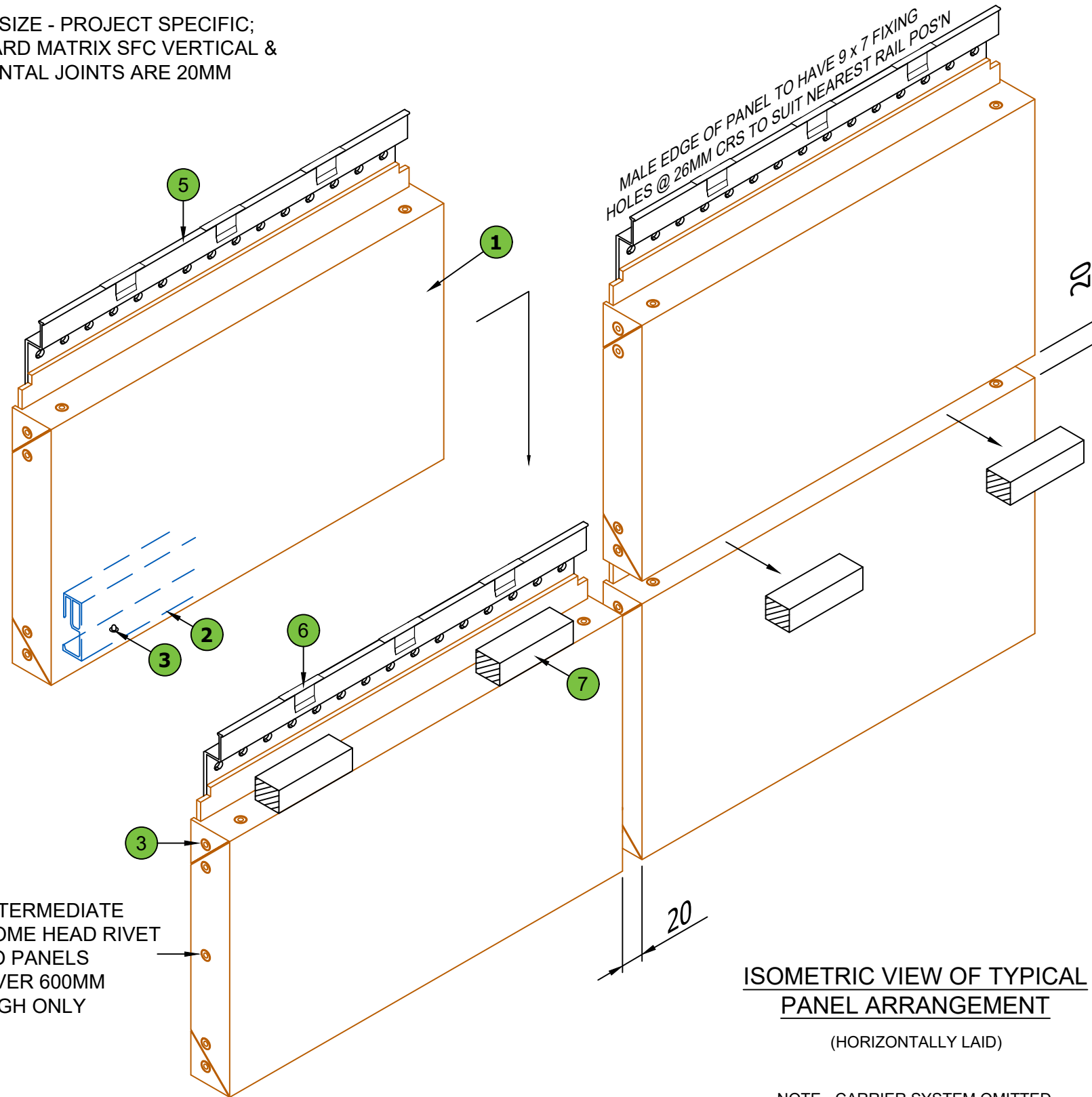
DO NOT SCALE

IF IN DOUBT - ASK

JOINTS SIZE - PROJECT SPECIFIC;  
STANDARD MATRIX SFC VERTICAL &  
HORIZONTAL JOINTS ARE 20MM

**PARTS LIST**

1	Panel - ACM skin, 4mm	} Factory assembled
2	Panel - aluminium extrusion	
3	Panel - aluminium rivet	
4	Aluminium angle 32x32x3.2mm	
5	Extruded Aluminium male edge	
6	UPVC Anti Rattle Clip (site installed)	
7	PVC Temporary set out packer	




**ISOMETRIC VIEW OF TYPICAL  
PANEL ARRANGEMENT**

(HORIZONTALLY LAID)

NOTE - CARRIER SYSTEM OMITTED

INTERMEDIATE  
DOME HEAD RIVET  
TO PANELS  
OVER 600MM  
HIGH ONLY

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-Brading	10.06.19
Rev	Details	Date
<b>PSP SYSTEM - MATRIX SFC</b>		
 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 SFC Standard Details
Title: Typical Panel Arrangement (External View)		Drawn by: SB Date: 09.04.19 Scale: 1:2 @ A3
Drwg. No.: PSP-MSFC-001		Status: Approved Revision: A

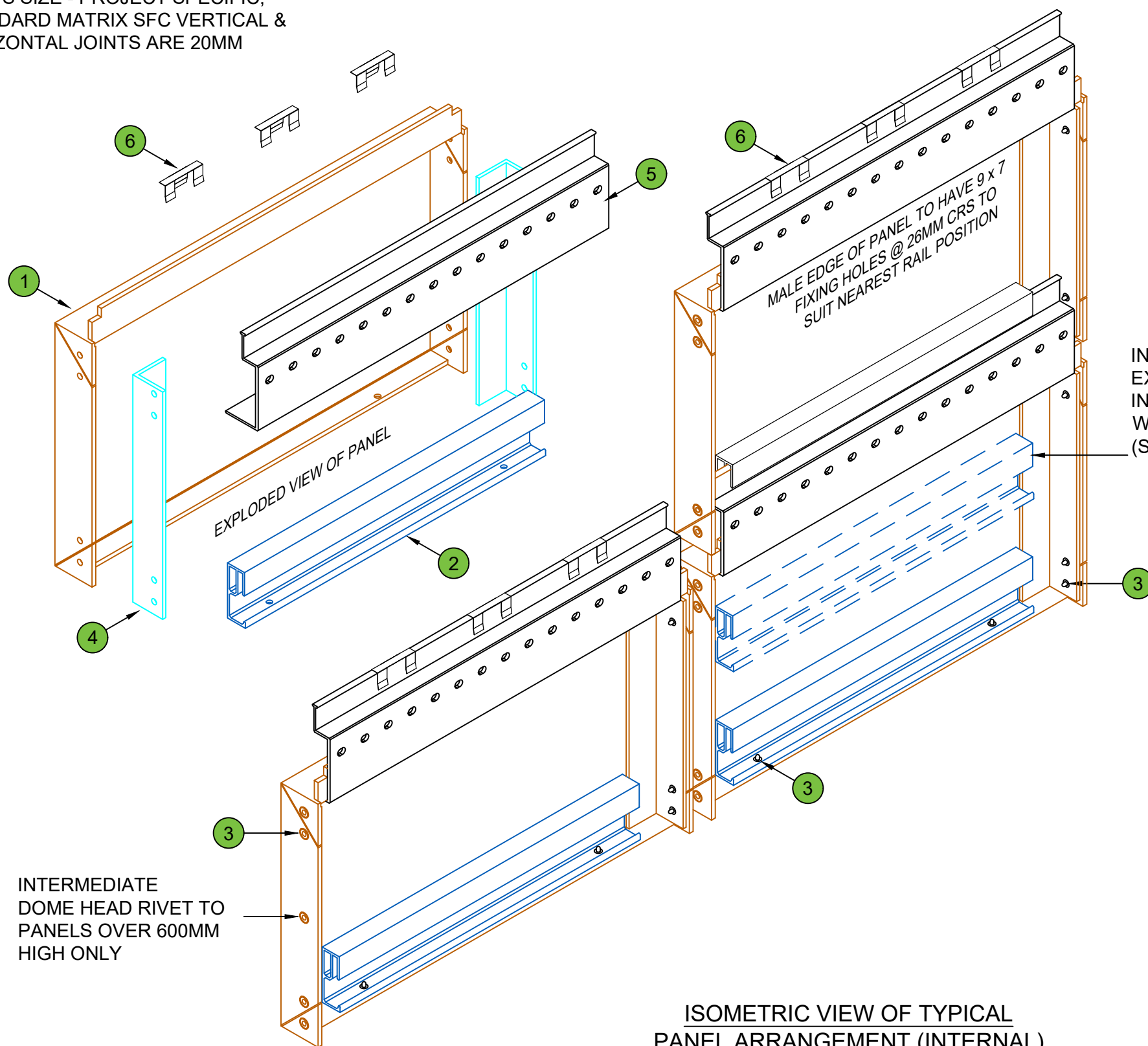
DO NOT SCALE

IF IN DOUBT - ASK

JOINTS SIZE - PROJECT SPECIFIC;  
STANDARD MATRIX SFC VERTICAL &  
HORIZONTAL JOINTS ARE 20MM

**PARTS LIST**

1	Panel - ACM skin, 4mm	} Factory assembled
2	Panel - aluminium extrusion	
3	Panel - aluminium rivet	
4	Aluminium angle 32x32x3.2mm	
5	Extruded Aluminium male edge	
6	UPVC Anti Rattle Clip (site installed)	
7	PVC Temporary set out packer	




**ISOMETRIC VIEW OF TYPICAL  
PANEL ARRANGEMENT (INTERNAL)**

(HORIZONTALLY LAID)

NOTE - CARRIER SYSTEM OMITTED

A	Product Re-Brading	10.06.19
Rev	Details	Date

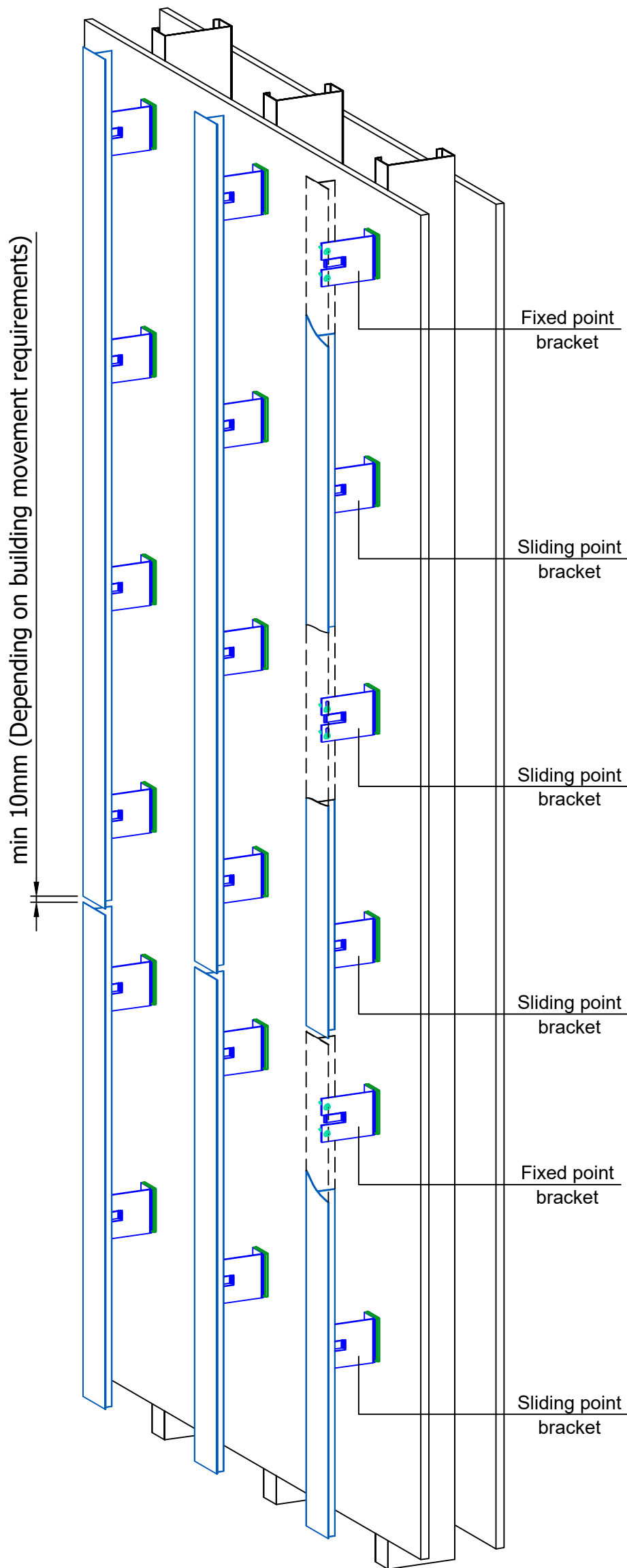
**PSP SYSTEM - MATRIX SFC**

 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 SFC Standard Details	
Title: Typical Panel Arrangement (Internal View)		
Drawn by: SB	Date: 09.04.19	Scale: 1:2 @ A3
Drwg. No.: PSP-MSFC-002	Status: Approved	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.

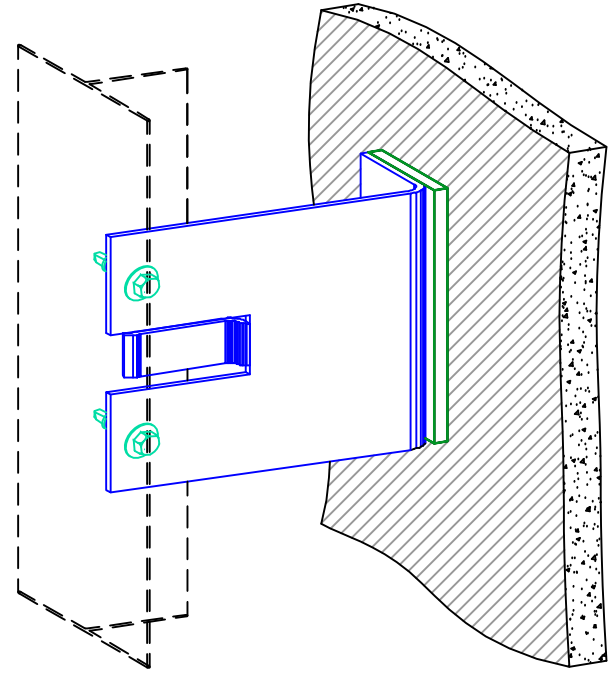
DO NOT SCALE

IF IN DOUBT - ASK

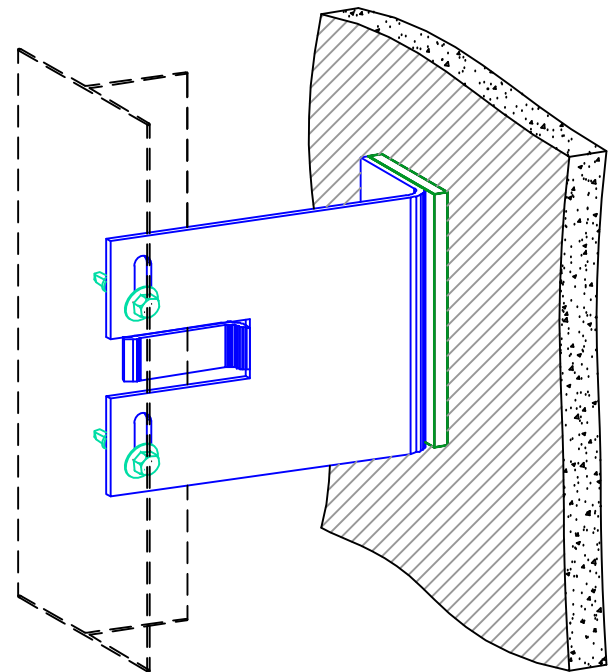


**TYPICAL BRACKET ARRANGEMENT**

FIXED POINT BRACKET  
absorb both vertical dead loads



SLIDING POINT BRACKET  
absorb wind loading and allow for expansion and contraction



A	Product Re-Branding	10.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFC**



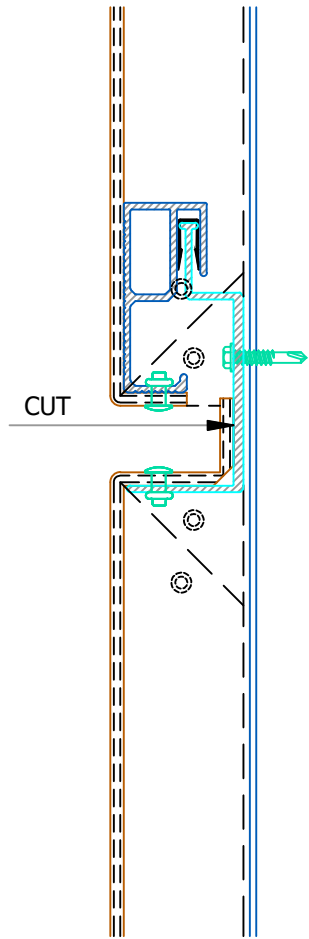
Unit 11  
All Saints Industrial Estate  
Shildon  
County Durham  
DL4 2RD  
Tel: 00 44 (0) 1388 770490  
Fax: 00 44 (0) 1388 778068  
Email: design@pspuk.com  
www.pspuk.com

Client: <b>P.S.P.</b>		
Project: <b>Matrix SFC Standard Details</b>		
Title: <b>Fixed &amp; Sliding Brackets Points Setting Out</b>		
Drawn by: <b>SB</b>	Date: <b>09.04.19</b>	Scale: <b>1:2 @ A3</b>
Drwg. No.: <b>PSP-MSFC-003</b>	Status: <b>Approved</b>	Revision: <b>A</b>

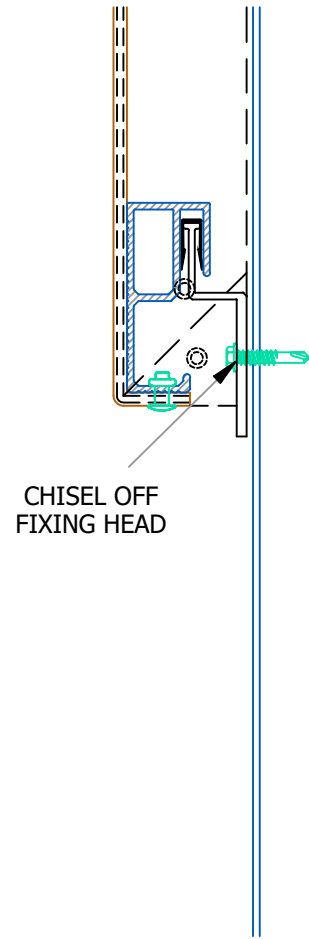
Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

DO NOT SCALE

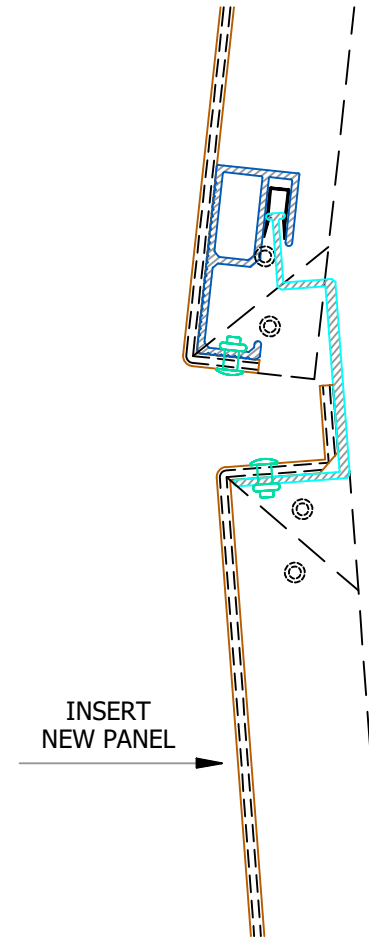
IF IN DOUBT - ASK



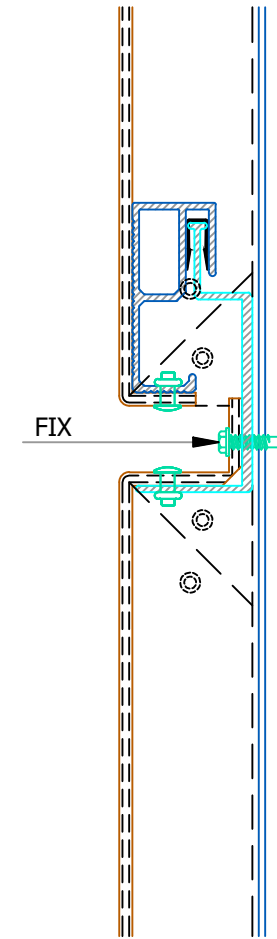
**STEP 1**



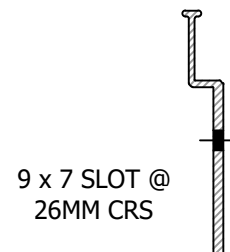
**STEP 2**



**STEP 3**



**STEP 4**



9 x 7 SLOT @  
26MM CRS

REMOVABLE MALE TRIM


MATERIAL TO MATCH PANEL  
SUPPLIED IN 3M LENGTHS  
SITE CUT AS REQUIRED

1. PANEL TO BE REMOVED TO BE CUT ALONG JOINT.
2. CHISEL OFF EXISTING FIXING HEAD FROM BELOW
3. INSERT NEW PANEL
4. FIX VIA JOINT USING LOW PROFILE HEADED FIXING.

PROCEDURE

(THIS DRAWING SHOWS HORIZONTALLY LAID PANELS.  
FOR VERTICALLY LAID PANELS ROTATE 90°)

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Rev	Details	Date
<b>PSP SYSTEM - MATRIX SFC</b>		
 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 SFC Standard Details</b>
		Title: <b>Replacement Panel Procedure</b>
Drawn by: <b>SB</b>	Date: <b>09.04.19</b>	Scale: <b>1:2 @ A3</b>
Drwg. No.:	Status:	Approved
<b>PSP-MSFC-020</b>	Revision:	<b>A</b>

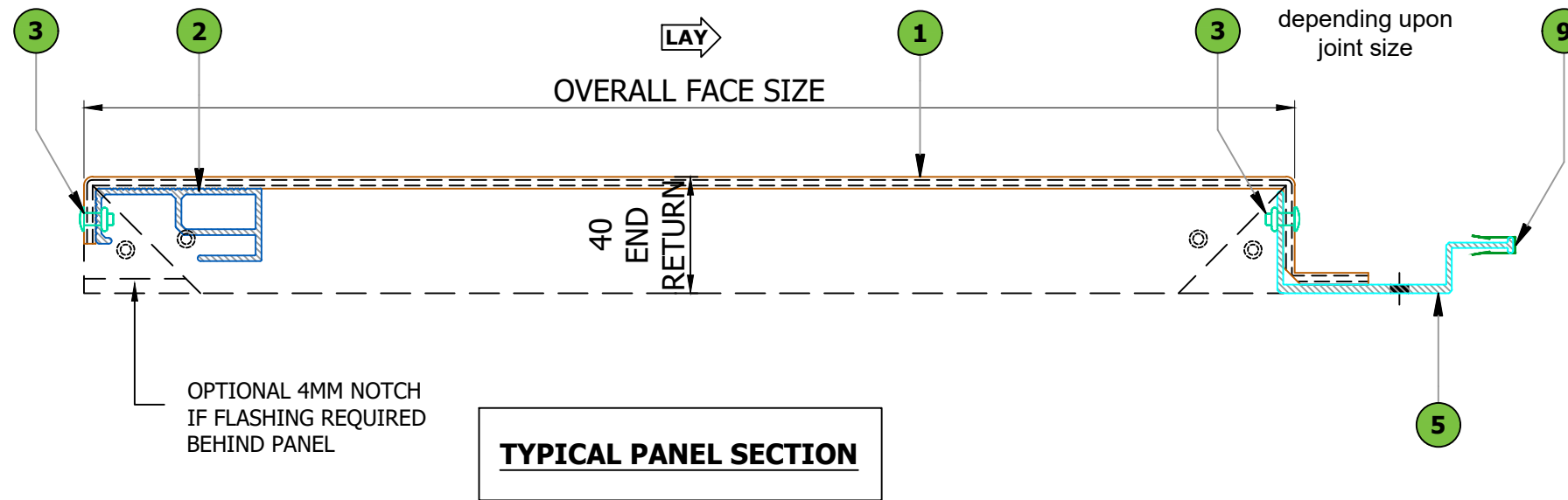
DO NOT SCALE

IF IN DOUBT - ASK

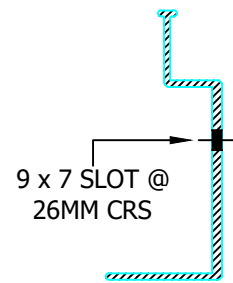
PARTS LIST	
1	Panel - ACM skin, 4mm
2	Panel - aluminium extrusion
3	Panel - aluminium rivet
4	Aluminium angle 32x32x3.2mm
5	Extruded Aluminium male edge
6	UPVC Anti Rattle Clip (site installed)
7	PVC Temporary set out packer

JOINTS SIZE - PROJECT SPECIFIC;  
STANDARD MATRIX SFC VERTICAL &  
HORIZONTAL JOINTS ARE 20MM

NOTE - WHERE PANEL JOINTS VARY FROM 20MM,  
DIMS MARKED \* WILL AMEND ACCORDINGLY



ITEM 2: EXTRUDED ALUMINIUM CLIP




ITEM 5: EXTRUDED ALUMINIUM MALE EDGE



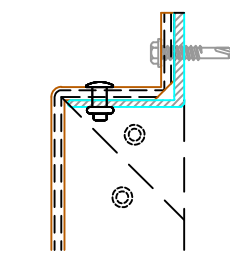
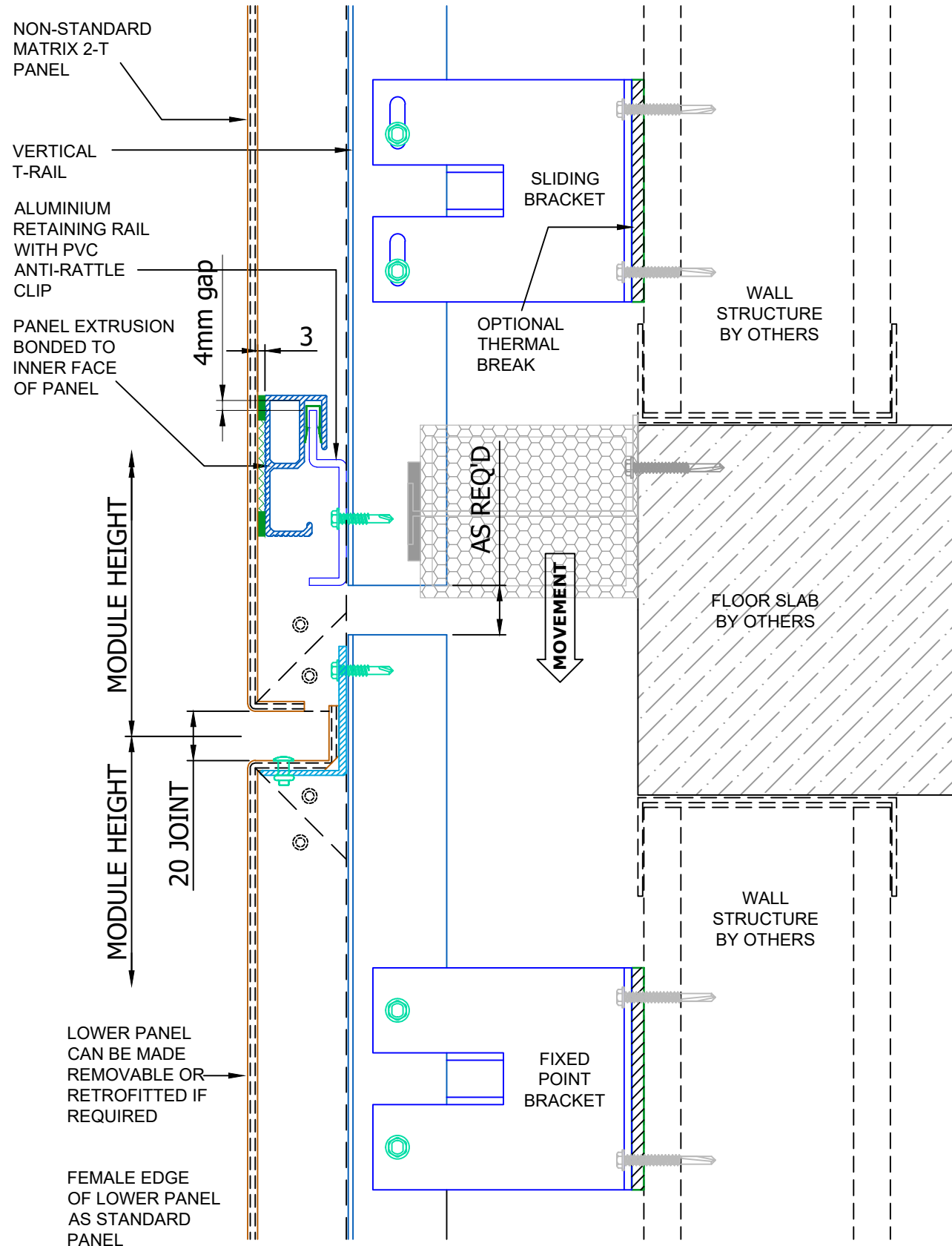
ITEM 6: PVC JOINT CLIP

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Rev	Details	Date
<b>PSP SYSTEM - MATRIX SFC</b>		
 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@pspuuk.com www.pspuk.com	Client: P.S.P.	
	Project: Matrix SFC Standard Details	
Title: Typical Panel Section		
Drawn by: SB	Date: 09.04.19	Scale: 1:2 @ A3
Drwg. No.:	Status:	Approved
PSP-MSFC-021	Revision:	A

DO NOT SCALE

IF IN DOUBT - ASK



LOWER PANEL EDGE  
DETAIL IF PANEL IS TO  
BE REMOVABLE  
OR RETROFIT




RETAINING RAIL  
PROFILE

LOWER PANEL CAN BE MADE REMOVABLE OR RETROFITTED IF REQUIRED

FEMALE EDGE OF LOWER PANEL AS STANDARD PANEL

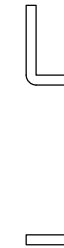
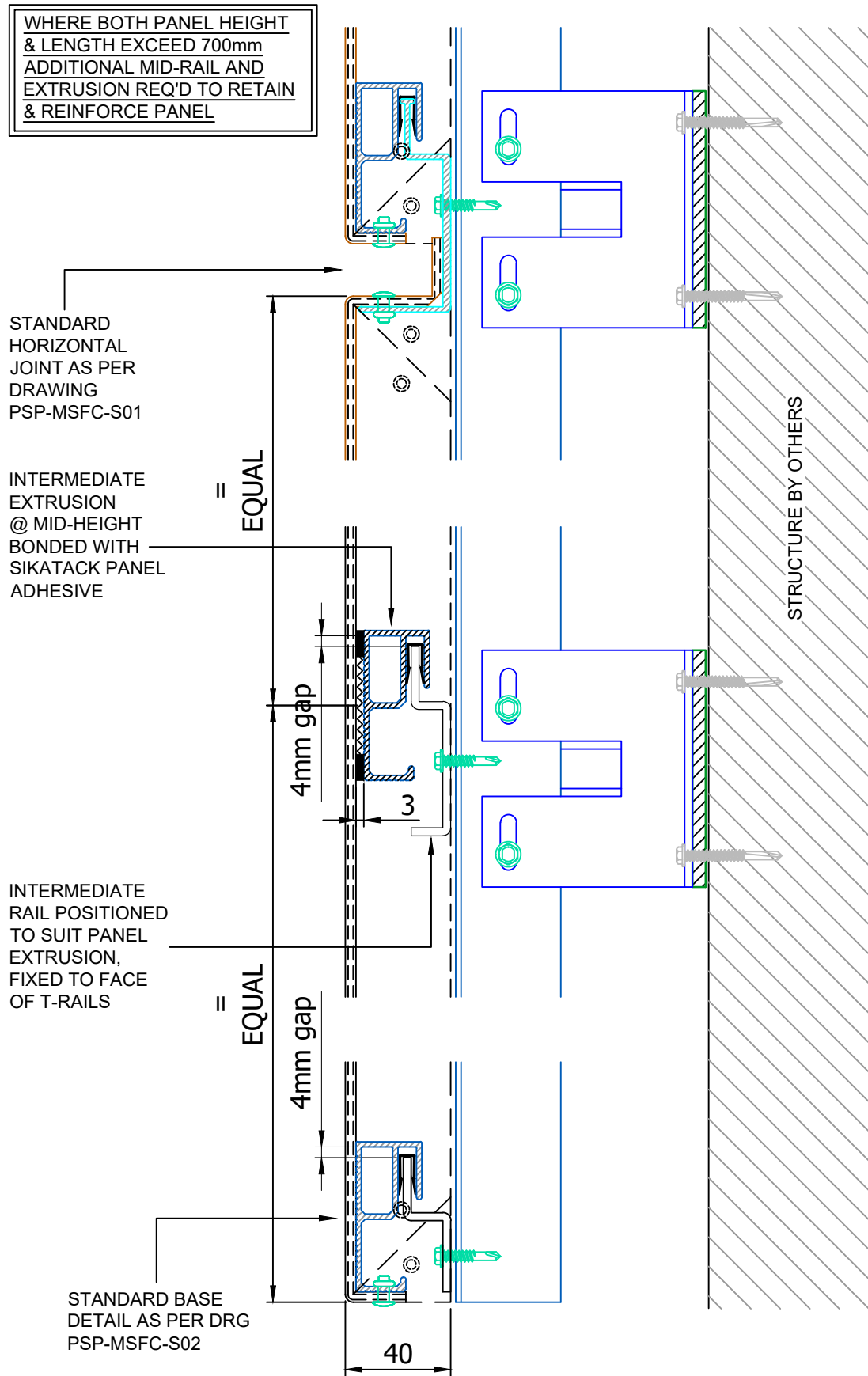
**MOVEMENT JOINT DETAIL**

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-Brading	10.06.19
Rev	Details	Date
<b>PSP SYSTEM - MATRIX SFC</b>		
 <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 SFC Standard Details</b>
Title: <b>Typical Movement Joint Detail</b>		
Drawn by: <b>SB</b>	Date: <b>09.04.19</b>	Scale: <b>1:2 @ A3</b>
Drwg. No.:	Status:	Approved
<b>PSP-MSFC-022</b>	Revision:	<b>A</b>

DO NOT SCALE

IF IN DOUBT - ASK



RETAINING RAIL PROFILE




BASE CLIP PROFILE

GUIDE TO INTERMEDIATE EXTRUSION REQUIREMENT		
	PANEL FACE LENGTH UP TO 700mm	PANEL FACE LENGTH 701mm-3920mm
PANEL HEIGHT UP TO 700mm	NOT REQUIRED	NOT REQUIRED
PANEL HEIGHT 701mm-1600mm	NOT REQUIRED	REQUIRED

A	Product Re-Brading	10.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFC**

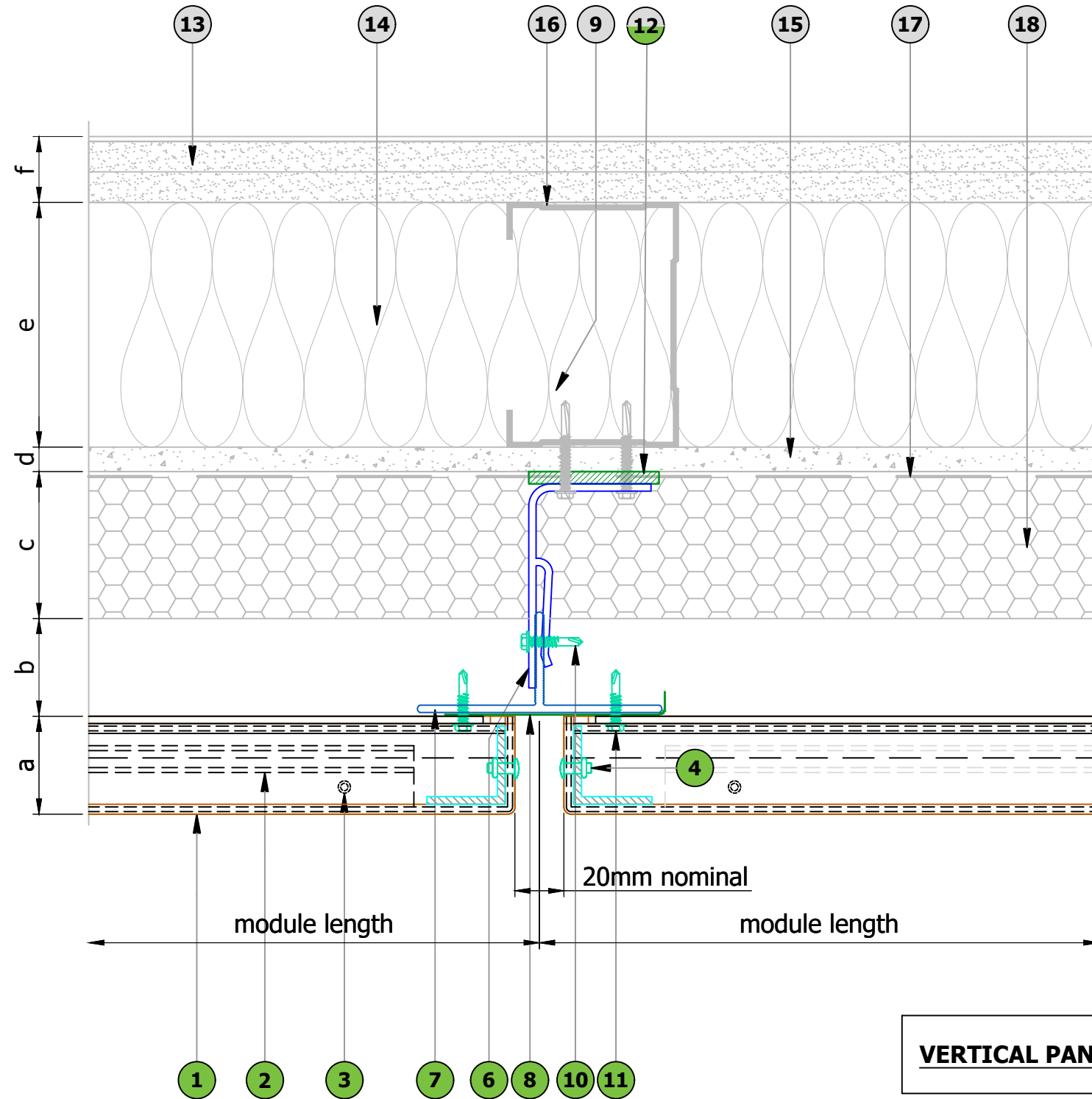
 <p>Unit 11 All Saints Industrial Estate Shildon County Durham DL4 2RD Tel: 00 44 (0) 1388 770490 Fax: 00 44 (0) 1388 778068 Email: design@pspuk.com www.pspuk.com</p>	Client: <b>P.S.P.</b>	
	Project: <b>Matrix SFC Standard Details</b>	
Title: <b>Intermediate Support Detail</b>		
Drawn by: <b>SB</b>	Date: <b>09.04.19</b>	Scale: <b>1:2 @ A3</b>
Drwg. No.: <b>PSP-MSFC-023</b>	Status: <b>Approved</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




**VERTICAL PANEL JOINT DETAIL**

PARTS LIST	
1	Panel - ACM skin, 4mm
2	Panel - aluminium extrusion
3	Panel - aluminium rivet
4	Aluminium angle 32x32x3.2mm
5	Extruded Aluminium male edge
6	Aluminium carrier bracket, 3mm thick
7	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
8	Optional colour matched cover trim
9	Stainless steel fixing (TBC)
10	JT4-4-4.8x19 Stainless steel fixing
11	JT4-6-5.5x22 A14 Stainless steel fixing
12	Optional PVC thermal break, 5mm
13	Internal boards (By Others)
14	Insulation (By Others)
15	Cement particle board (By Others)
16	SFS support structure (By Others)
17	Breather membrane (By Others)
18	Additional rigid sheet insulation if required (By Others)
19	'Top hat' profile (optional)
20	UPVC Anti Rattle Clip (site installed)
21	Optional Aluminium flashing
22	Fire / Smoke Barrier and fittings (By Others) - Refer to specialist
23	EPDM (By Others)
24	Thermally Broken Aluminium Profile
25	Weather seal (By Others)
26	Adjacent Window / Door / Curtain Wall Profile
27	External corner flashing
28	Rainscreen starter clip profile
29	Rainscreen mid retaining clip profile
30	Fixing bracket
31	Rainscreen mid retaining clip profile
32	Removable panel (replacement procedure ref to PSP-MSFC-020)
33	Aluminium corner cleat (flat) 3mm - Factory Assembled
34	Coping Flashing
35	Support Bracket
36	Extruded Aluminium window closure

A	Product Re-Brading	10.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFC**



Unit 11  
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Email: design@pspuk.com  
www.pspuk.com




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

Project:  
**Matrix SFC Standard Details**

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

Drawn by: <b>SB</b>	Date: <b>09.04.19</b>	Scale: <b>1:2 @ A3</b>
Drwg. No.:	Status:	Approved
<b>PSP-MSFC-P01</b>	Revision:	<b>A</b>

**LEGEND:**

	→ part of system, provided by PSP
	→ not part of system, can be provided by PSP
	→ provided by others

**Refer to Specialist recommendation for all Smoke and Fire protection.**

**\*Caution fire barriers are to be considered.**

**LEGEND**

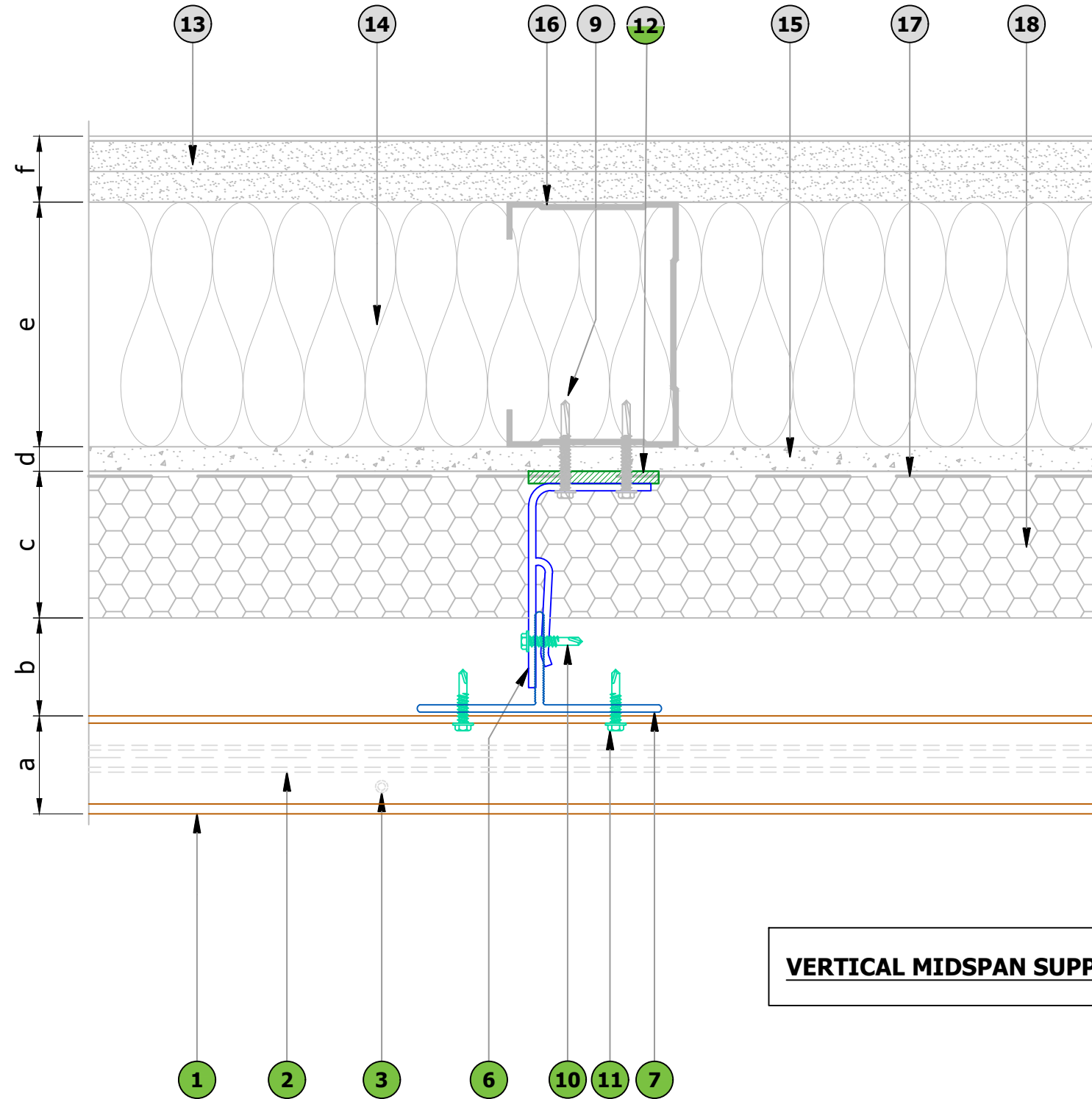
a	PSP Panel thickness - 41mm
b	Ventilated cavity (British standard - 25mm, NHBC - 38mm (baffled joints) and 50mm (open joints))
c	Insulation by others (must be Part B Compliant)
d	CP board by others - thickness established by project specification
e	SFS by others - depth established by project specification
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



**VERTICAL MIDSPAN SUPPORT DETAIL**

PARTS LIST	
1	Panel - ACM skin, 4mm
2	Panel - aluminium extrusion
3	Panel - aluminium rivet
4	Aluminium angle 32x32x3.2mm
5	Extruded Aluminium male edge
6	Aluminium carrier bracket, 3mm thick
7	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
8	Optional colour matched cover trim
9	Stainless steel fixing (TBC)
10	JT4-4-4.8x19 Stainless steel fixing
11	JT4-6-5.5x22 A14 Stainless steel fixing
12	Optional PVC thermal break, 5mm
13	Internal boards (By Others)
14	Insulation (By Others)
15	Cement particle board (By Others)
16	SFS support structure (By Others)
17	Breather membrane (By Others)
18	Additional rigid sheet insulation if required (By Others)
19	'Top hat' profile (optional)
20	UPVC Anti Rattle Clip (site installed)
21	Optional Aluminium flashing
22	Fire / Smoke Barrier and fittings (By Others) - Refer to specialist
23	EPDM (By Others)
24	Thermally Broken Aluminium Profile
25	Weather seal (By Others)
26	Adjacent Window / Door / Curtain Wall Profile
27	External corner flashing
28	Rainscreen starter clip profile
29	Rainscreen mid retaining clip profile
30	Fixing bracket
31	Rainscreen mid retaining clip profile
32	Removable panel (replacement procedure ref to PSP-MSFC-020)
33	Aluminium corner cleat (flat) 3mm - Factory Assembled
34	Coping Flashing
35	Support Bracket
36	Extruded Aluminium window closure

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

**Refer to Specialist recommendation for all Smoke and Fire protection.**

**\*Caution fire barriers are to be considered.**

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LEGEND	
a	PSP Panel thickness - 41mm
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-Brading	10.06.19
Rev	Details	Date

PSP SYSTEM - MATRIX SFC			
<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: P.S.P.		Status: Approved Revision: A
	Project: Matrix SFC Standard Details		
	Title: Vertical Midspan Support Detail (Plan View)		
Drawn by: SB	Date: 09.04.19	Scale: 1:2 @ A3	
Drwg. No.: PSP-MSFC-P02			

DO NOT SCALE

IF IN DOUBT - ASK

Maximum corner length to suit material availability

additional bracket required if larger 400mm




20mm nominal

20mm nominal

**EXTERNAL CORNER PANEL DETAIL**

PARTS LIST	
1	Panel - ACM skin, 4mm
2	Panel - aluminium extrusion
3	Panel - aluminium rivet
4	Aluminium angle 32x32x3.2mm
5	Extruded Aluminium male edge
6	Aluminium carrier bracket, 3mm thick
7	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
8	Optional colour matched cover trim
9	Stainless steel fixing (TBC)
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17	Breather membrane (By Others)
18	Additional rigid sheet insulation if required (By Others)
19	'Top hat' profile (optional)
20	UPVC Anti Rattle Clip (site installed)
21	Optional Aluminium flashing
22	Fire / Smoke Barrier and fittings (By Others) - Refer to specialist
23	EPDM (By Others)
24	Thermally Broken Aluminium Profile
25	Weather seal (By Others)
26	Adjacent Window / Door / Curtain Wall Profile
27	External corner flashing
28	Rainscreen starter clip profile
29	Rainscreen mid retaining clip profile
30	Fixing bracket
31	Rainscreen mid retaining clip profile
32	Removable panel (replacement procedure ref to PSP-MSFC-020)
33	Aluminium corner cleat (flat) 3mm - Factory Assembled
34	Coping Flashing
35	Support Bracket
36	Extruded Aluminium window closure

**LEGEND:**

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


**Refer to Specialist recommendation for all Smoke and Fire protection.**

**\*Caution fire barriers are to be considered.**

**LEGEND**

a	PSP Panel thickness - 41mm
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-Brading	10.06.19
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<b>PSP SYSTEM - MATRIX SFC</b>		
 <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: P.S.P.
		Project: Matrix SFC Standard Details
<p>Drawn by: SB</p>		Date: 09.04.19
<p>Drwg. No.: PSP-MSFC-P03</p>		Scale: 1:2 @ A3
<p>Status: Approved</p>		Revision: A

DO NOT SCALE

IF IN DOUBT - ASK

additional bracket required  
if larger 400mm

20mm nominal

Maximum corner  
length to suit  
material availability

20mm nominal

**EXTERNAL CORNER FLASHING DETAIL**

PARTS LIST	
1	Panel - ACM skin, 4mm
2	Panel - aluminium extrusion
3	Panel - aluminium rivet
4	Aluminium angle 32x32x3.2mm
5	Extruded Aluminium male edge
6	Aluminium carrier bracket, 3mm thick
7	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
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20	UPVC Anti Rattle Clip (site installed)
21	Optional Aluminium flashing
22	Fire / Smoke Barrier and fittings (By Others) - Refer to specialist
23	EPDM (By Others)
24	Thermally Broken Aluminium Profile
25	Weather seal (By Others)
26	Adjacent Window / Door / Curtain Wall Profile
27	External corner flashing
28	Rainscreen starter clip profile
29	Rainscreen mid retaining clip profile
30	Fixing bracket
31	Rainscreen mid retaining clip profile
32	Removable panel (replacement procedure ref to PSP-MSFC-020)
33	Aluminium corner cleat (flat) 3mm - Factory Assembled
34	Coping Flashing
35	Support Bracket
36	Extruded Aluminium window closure

**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

**Refer to Specialist recommendation for all Smoke and Fire protection.**


**\*Caution fire barriers are to be considered.**

LEGEND	
a	PSP Panel thickness - 41mm
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e	SFS by others - depth established by project specification
f	Internal finishes by others

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A	Product Re-Brading	10.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFC**



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Email: design@pspuk.com  
www.pspuk.com

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

Project:  
**Matrix SFC Standard Details**

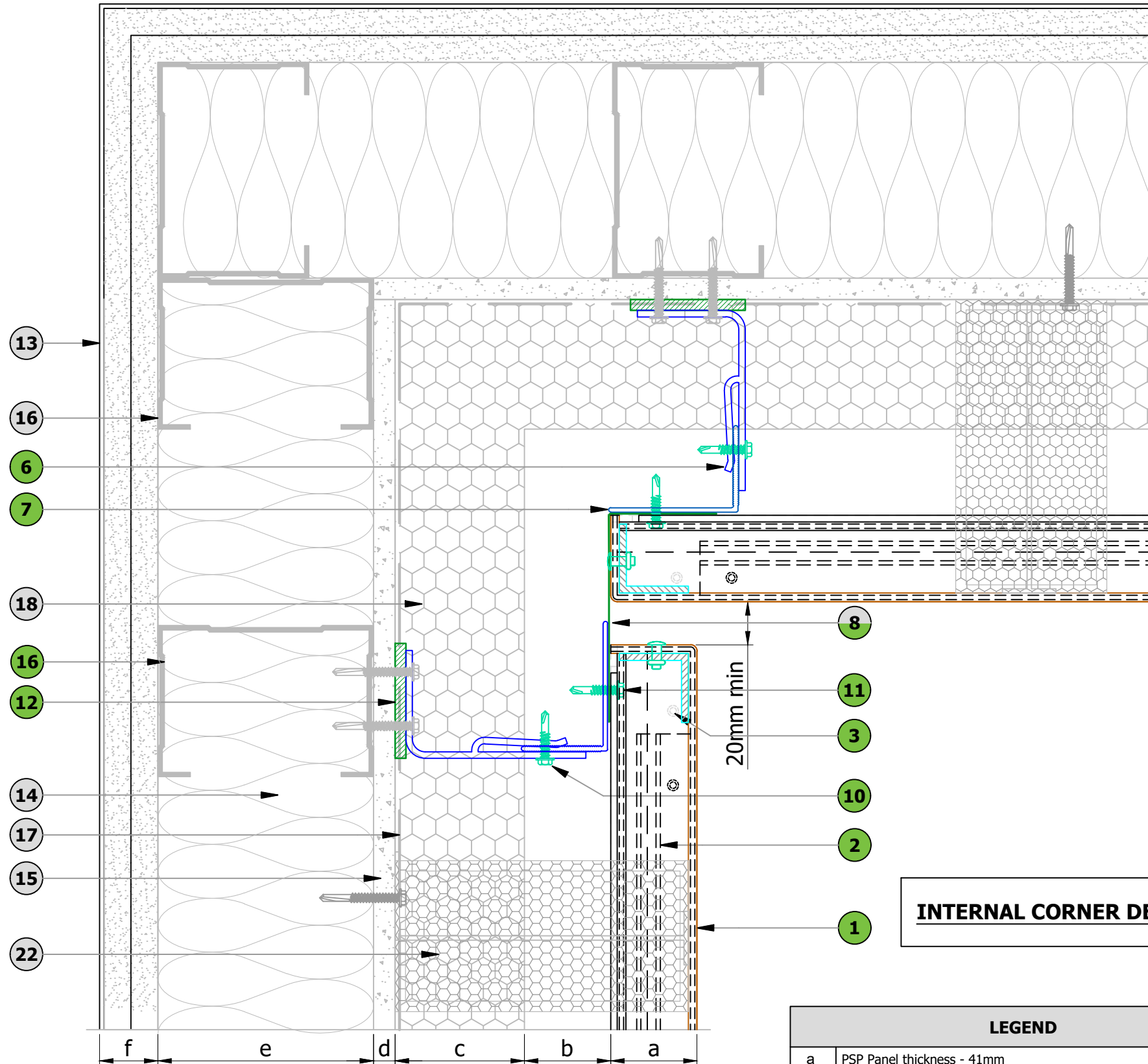
Title:  
**Feature Corner Flashing Detail (Plan View)**

Drawn by: <b>SB</b>	Date: <b>09.04.19</b>	Scale: <b>1:2 @ A3</b>
Drwg. No.: <b>PSP-MSFC-P04</b>	Status: <b>Approved</b>	Revision: <b>A</b>



DO NOT SCALE

IF IN DOUBT - ASK



PARTS LIST		
1	Panel - ACM skin, 4mm	} Factory assembled
2	Panel - aluminium extrusion	
3	Panel - aluminium rivet	
4	Aluminium angle 32x32x3.2mm	
5	Extruded Aluminium male edge	
6	Aluminium carrier bracket, 3mm thick	
7	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm	
8	Optional colour matched cover trim	
9	Stainless steel fixing (TBC)	
10	JT4-4-4.8x19 Stainless steel fixing	
11	JT4-6-5.5x22 A14 Stainless steel fixing	
12	Optional PVC thermal break, 5mm	
13	Internal boards (By Others)	
14	Insulation (By Others)	
15	Cement particle board (By Others)	
16	SFS support structure (By Others)	
17	Breather membrane (By Others)	
18	Additional rigid sheet insulation if required (By Others)	
19	'Top hat' profile (optional)	
20	UPVC Anti Rattle Clip (site installed)	
21	Optional Aluminium flashing	
22	Fire / Smoke Barrier and fittings (By Others) - Refer to specialist	
23	EPDM (By Others)	
24	Thermally Broken Aluminium Profile	
25	Weather seal (By Others)	
26	Adjacent Window / Door / Curtain Wall Profile	
27	External corner flashing	
28	Rainscreen starter clip profile	
29	Rainscreen mid retaining clip profile	
30	Fixing bracket	
31	Rainscreen mid retaining clip profile	
32	Removable panel (replacement procedure ref to PSP-MSFC-020)	
33	Aluminium corner cleat (flat) 3mm - Factory Assembled	
34	Coping Flashing	
35	Support Bracket	
36	Extruded Aluminium window closure	

**INTERNAL CORNER 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

**Refer to Specialist recommendation for all Smoke and Fire protection.**

**\*Caution fire barriers are to be considered.**

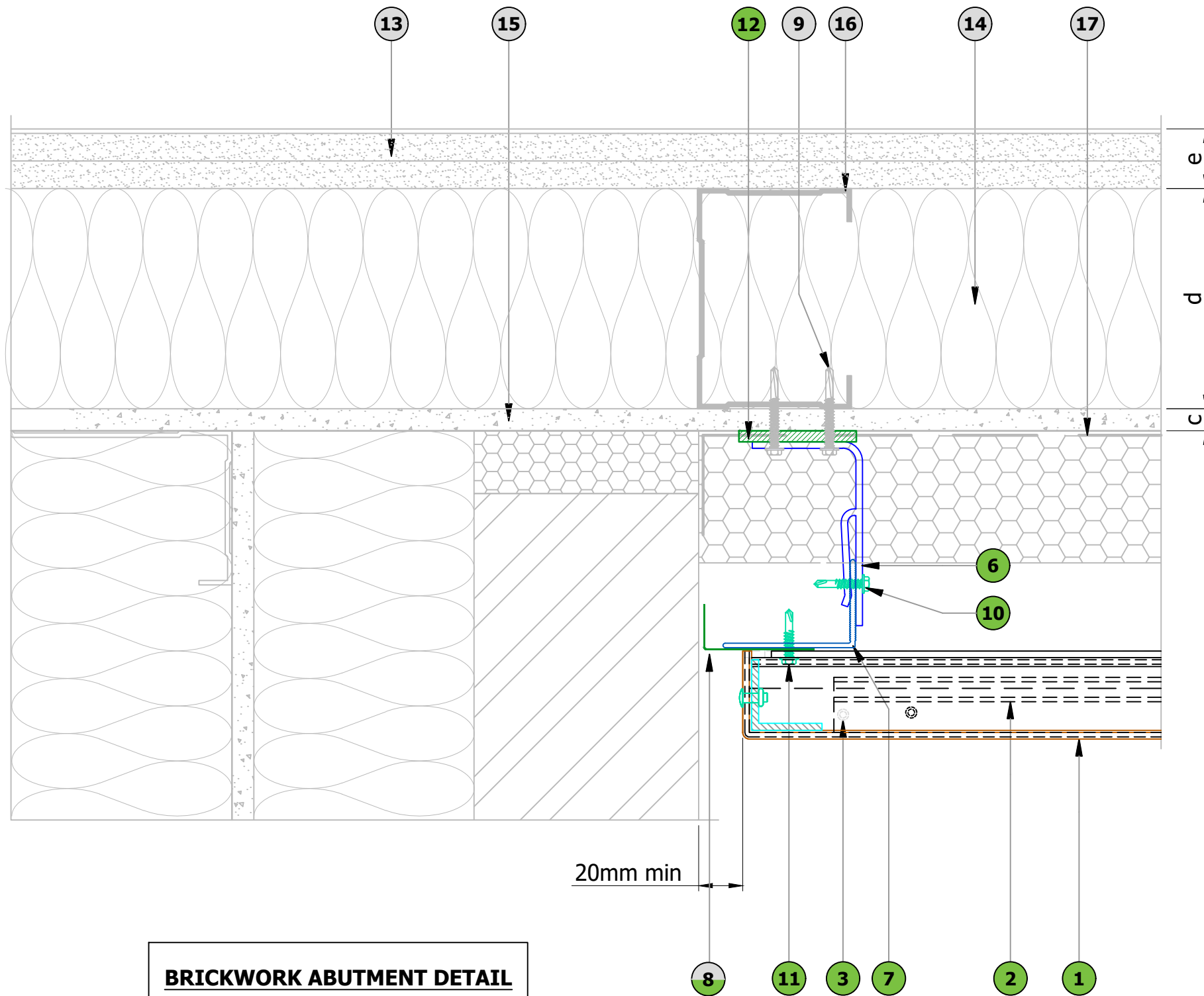
LEGEND	
a	PSP Panel thickness - 41mm
b	Ventilated cavity (British standard - 25mm, NHBC - 38mm (baffled joints) and 50mm (open joints))
c	Insulation by others (must be Part B Compliant)
d	CP board by others - thickness established by project specification
e	SFS by others - depth established by project 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	10.06.19
Rev	Details	Date
<b>PSP SYSTEM - MATRIX SFC</b>		
 <p>Unit 11 All Saints Industrial Estate Shildon County Durham DL4 2RD</p> <p>Tel: 00 44 (0) 1388 770490 Fax: 00 44 (0) 1388 778068 Email: design@pspuk.com www.pspuk.com</p>		Client: P.S.P.
		Project: Matrix SFC Standard Details
		Title: Internal Corner Detail (Plan View)
Drawn by: SB	Date: 09.04.19	Scale: 1:2 @ A3
Drwg. No.:	Status:	Approved
PSP-MSFC-P05	Revision:	A

DO NOT SCALE

IF IN DOUBT - ASK



**BRICKWORK ABUTMENT DETAIL**

PARTS LIST	
1	Panel - ACM skin, 4mm
2	Panel - aluminium extrusion
3	Panel - aluminium rivet
4	Aluminium angle 32x32x3.2mm
5	Extruded Aluminium male edge
6	Aluminium carrier bracket, 3mm thick
7	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
8	Optional colour matched cover trim
9	Stainless steel fixing (TBC)
10	JT4-4-4.8x19 Stainless steel fixing
11	JT4-6-5.5x22 A14 Stainless steel fixing
12	Optional PVC thermal break, 5mm
13	Internal boards (By Others)
14	Insulation (By Others)
15	Cement particle board (By Others)
16	SFS support structure (By Others)
17	Breather membrane (By Others)
18	Additional rigid sheet insulation if required (By Others)
19	'Top hat' profile (optional)
20	UPVC Anti Rattle Clip (site installed)
21	Optional Aluminium flashing
22	Fire / Smoke Barrier and fittings (By Others) - Refer to specialist
23	EPDM (By Others)
24	Thermally Broken Aluminium Profile
25	Weather seal (By Others)
26	Adjacent Window / Door / Curtain Wall Profile
27	External corner flashing
28	Rainscreen starter clip profile
29	Rainscreen mid retaining clip profile
30	Fixing bracket
31	Rainscreen mid retaining clip profile
32	Removable panel (replacement procedure ref to PSP-MSFC-020)
33	Aluminium corner cleat (flat) 3mm - Factory Assembled
34	Coping Flashing
35	Support Bracket
36	Extruded Aluminium window closure

A	Product Re-Brading	10.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFC**



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www.pspuk.com

Client:  
**P.S.P.**  
Project:  
**Matrix SFC Standard Details**  
Title:  
**Brickwork Abutment Detail (Plan View)**  
Drawn by: SB Date: 09.04.19 Scale: 1:2 @ A3  
Drwg. No.: PSP-MSFC-P06 Status: Approved  
Revision: A

LEGEND	
a	PSP Panel thickness - 41mm
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

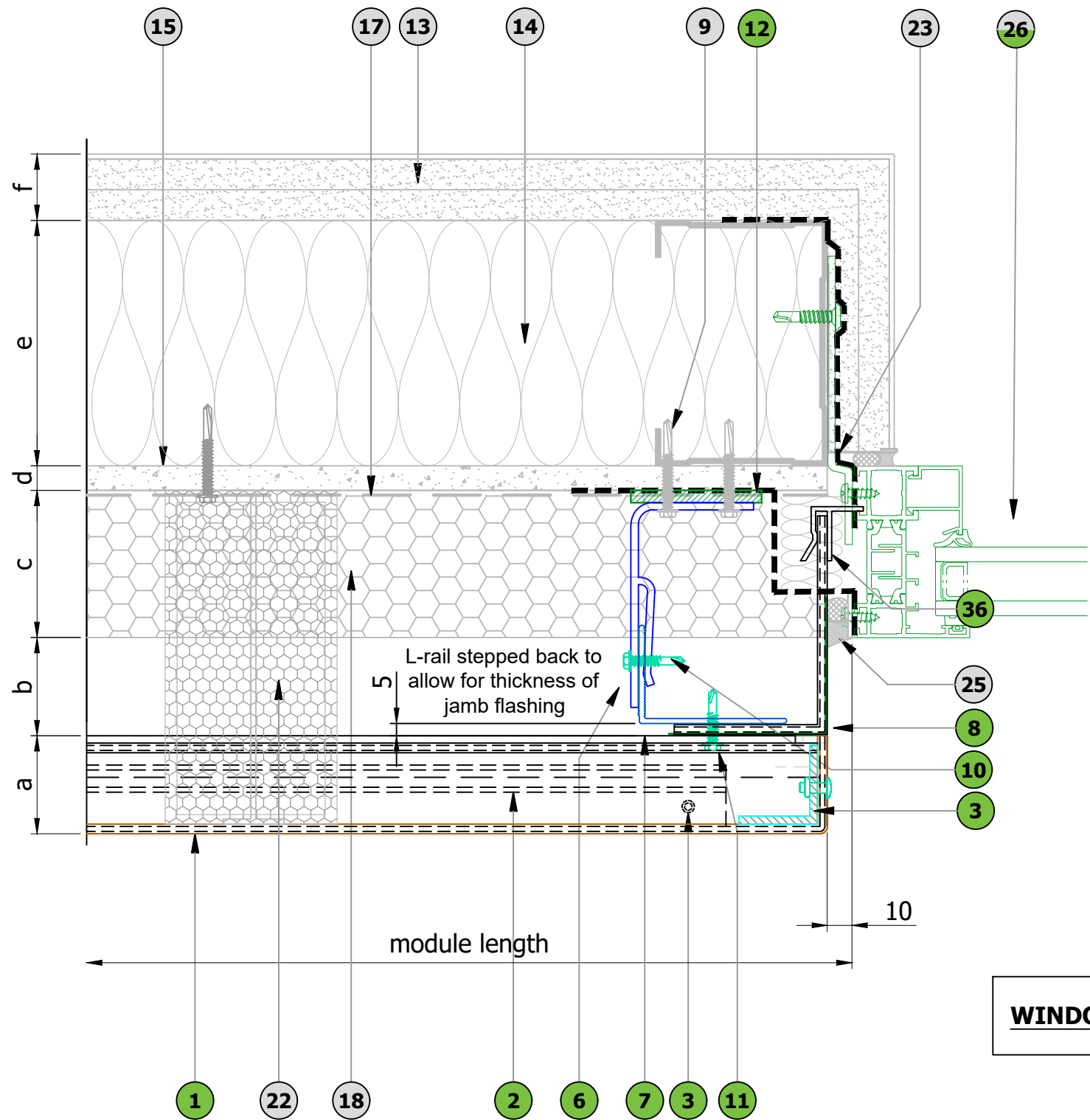
LEGEND:	
	part of system, provided by PSP
	not part of system, can be provided by PSP
	provided by others

**Refer to Specialist recommendation for all Smoke and Fire protection.**  
**\*Caution fire barriers are to be considered.**

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



**WINDOW JAMB DETAIL**

PARTS LIST	
1	Panel - ACM skin, 4mm
2	Panel - aluminium extrusion
3	Panel - aluminium rivet
4	Aluminium angle 32x32x3.2mm
5	Extruded Aluminium male edge
6	Aluminium carrier bracket, 3mm thick
7	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
8	Optional colour matched cover trim
9	Stainless steel fixing (TBC)
10	JT4-4-4.8x19 Stainless steel fixing
11	JT4-6-5.5x22 A14 Stainless steel fixing
12	Optional PVC thermal break, 5mm
13	Internal boards (By Others)
14	Insulation (By Others)
15	Cement particle board (By Others)
16	SFS support structure (By Others)
17	Breather membrane (By Others)
18	Additional rigid sheet insulation if required (By Others)
19	'Top hat' profile (optional)
20	UPVC Anti Rattle Clip (site installed)
21	Optional Aluminium flashing
22	Fire / Smoke Barrier and fittings (By Others) - Refer to specialist
23	EPDM (By Others)
24	Thermally Broken Aluminium Profile
25	Weather seal (By Others)
26	Adjacent Window / Door / Curtain Wall Profile
27	External corner flashing
28	Rainscreen starter clip profile
29	Rainscreen mid retaining clip profile
30	Fixing bracket
31	Rainscreen mid retaining clip profile
32	Removable panel (replacement procedure ref to PSP-MSFC-020)
33	Aluminium corner cleat (flat) 3mm - Factory Assembled
34	Coping Flashing
35	Support Bracket
36	Extruded Aluminium window closure

**LEGEND:**

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

**Refer to Specialist recommendation for all Smoke and Fire protection.**

**\*Caution fire barriers are to be considered.**

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.

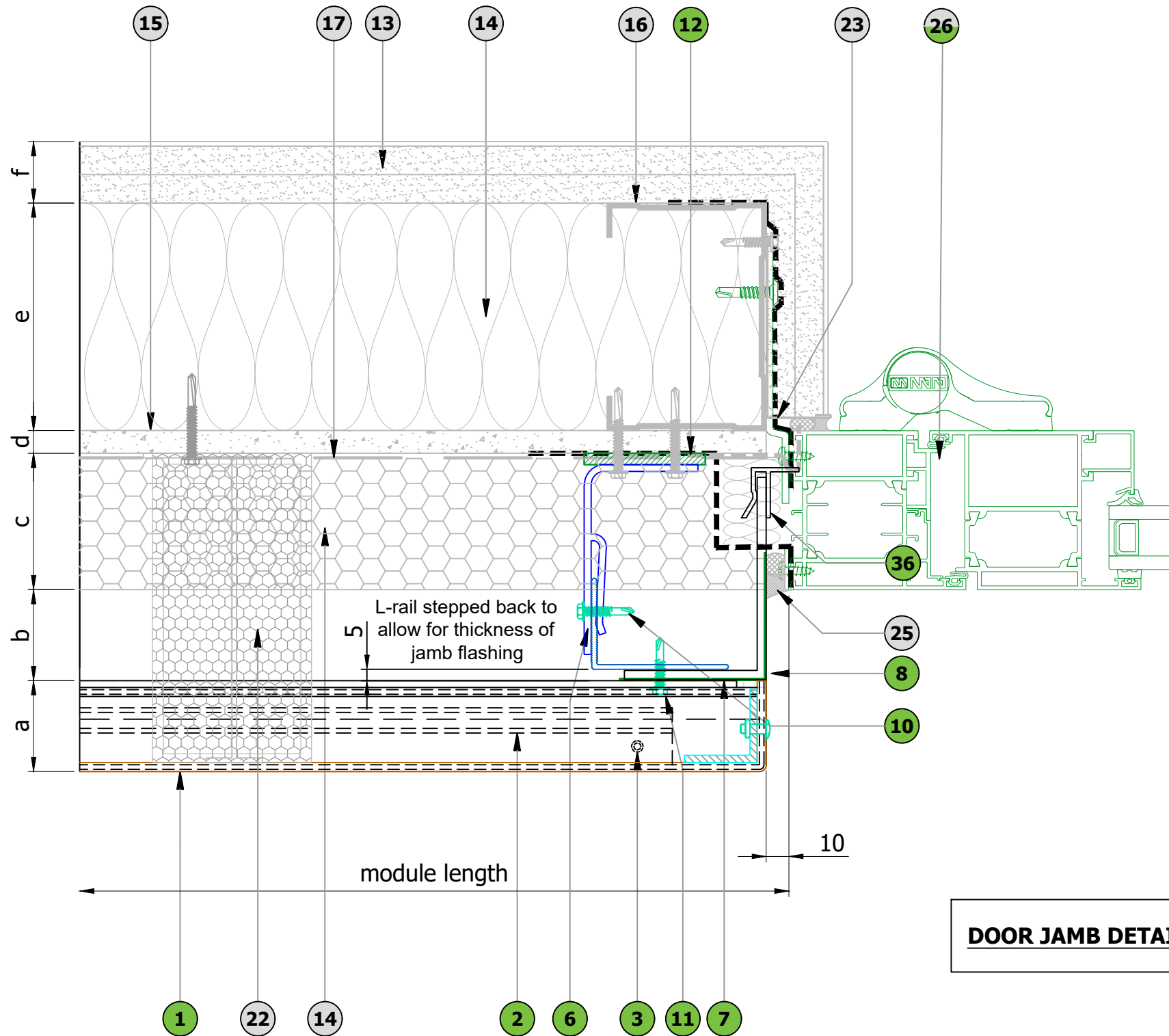
LEGEND	
a	PSP Panel thickness - 41mm
b	Ventilated cavity (British standard - 25mm, NHBC - 38mm (baffled joints) and 50mm (open joints))
c	Insulation by others (must be Part B Compliant)
d	CP board by others - thickness established by project specification
e	SFS by others - depth established by project specification
f	Internal finishes by others

A	Product Re-Branding	10.06.19
Rev	Details	Date
PSP SYSTEM - MATRIX SFC		
<p>Unit 11 All Saints Industrial Estate Shildon County Durham DL4 2RD</p> <p>Tel: 00 44 (0) 1388 770490 Fax: 00 44 (0) 1388 778068 Email: design@pspuk.com www.pspuk.com</p>		Client: P.S.P.
		Project: Matrix SFC Standard Details
		Title: Window Jamb Detail (Plan View)
Drawn by: SB	Date: 09.04.19	Scale: 1:2 @ A3
Drwg. No.:	Status:	Approved
PSP-MSFC-P07	Revision:	A



DO NOT SCALE

IF IN DOUBT - ASK



**PARTS LIST**

1	Panel - ACM skin, 4mm	} Factory assembled
2	Panel - aluminium extrusion	
3	Panel - aluminium rivet	
4	Aluminium angle 32x32x3.2mm	
5	Extruded Aluminium male edge	
6	Aluminium carrier bracket, 3mm thick	
7	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm	
8	Optional colour matched cover trim	
9	Stainless steel fixing (TBC)	
10	JT4-4-4.8x19 Stainless steel fixing	
11	JT4-6-5.5x22 A14 Stainless steel fixing	
12	Optional PVC thermal break, 5mm	
13	Internal boards (By Others)	
14	Insulation (By Others)	
15	Cement particle board (By Others)	
16	SFS support structure (By Others)	
17	Breather membrane (By Others)	
18	Additional rigid sheet insulation if required (By Others)	
19	'Top hat' profile (optional)	
20	UPVC Anti Rattle Clip (site installed)	
21	Optional Aluminium flashing	
22	Fire / Smoke Barrier and fittings (By Others) - Refer to specialist	
23	EPDM (By Others)	
24	Thermally Broken Aluminium Profile	
25	Weather seal (By Others)	
26	Adjacent Window / Door / Curtain Wall Profile	
27	External corner flashing	
28	Rainscreen starter clip profile	
29	Rainscreen mid retaining clip profile	
30	Fixing bracket	
31	Rainscreen mid retaining clip profile	
32	Removable panel (replacement procedure ref to PSP-MSFC-020)	
33	Aluminium corner cleat (flat) 3mm - Factory Assembled	
34	Coping Flashing	
35	Support Bracket	
36	Extruded Aluminium window closure	

**DOOR JAMB 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


**Refer to Specialist recommendation for all Smoke and Fire protection.**

**\*Caution fire barriers are to be considered.**

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.

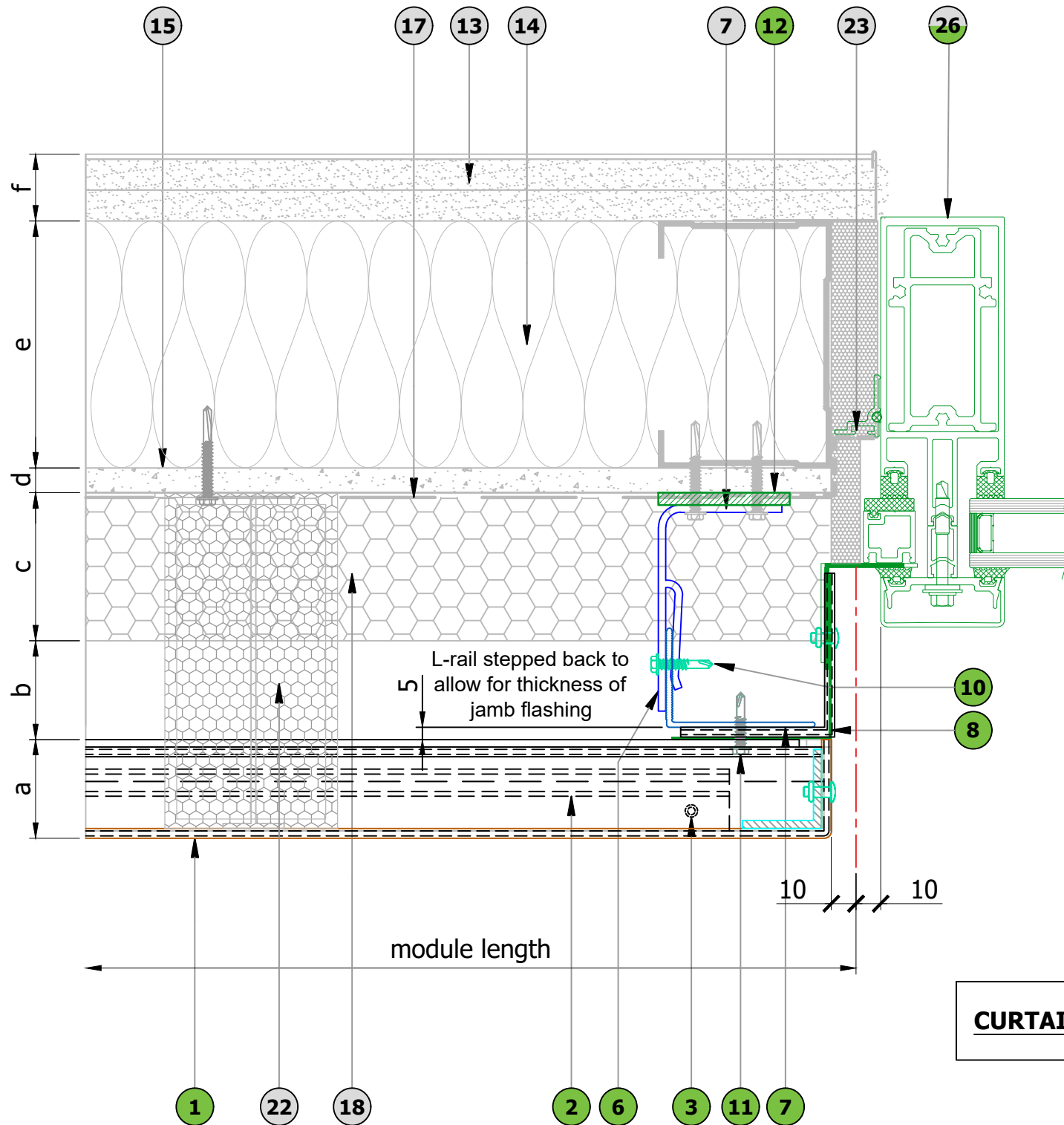
**LEGEND**

a	PSP Panel thickness - 41mm
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-Brading	10.06.19
Rev	Details	Date
<b>PSP SYSTEM - MATRIX SFC</b>		
		Client: <b>P.S.P.</b>
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		Project: <b>Matrix SFC Standard Details</b>
Title: <b>Door Jamb Detail (Plan View)</b>		Date: 09.04.19
Drawn by: SB	Scale: 1:2 @ A3	Status: Approved
Drwg. No.: <b>PSP-MSFC-P08</b>	Revision: A	

DO NOT SCALE


IF IN DOUBT - ASK



PARTS LIST	
1	Panel - ACM skin, 4mm
2	Panel - aluminium extrusion
3	Panel - aluminium rivet
4	Aluminium angle 32x32x3.2mm
5	Extruded Aluminium male edge
6	Aluminium carrier bracket, 3mm thick
7	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
8	Optional colour matched cover trim
9	Stainless steel fixing (TBC)
10	JT4-4-4.8x19 Stainless steel fixing
11	JT4-6-5.5x22 A14 Stainless steel fixing
12	Optional PVC thermal break, 5mm
13	Internal boards (By Others)
14	Insulation (By Others)
15	Cement particle board (By Others)
16	SFS support structure (By Others)
17	Breather membrane (By Others)
18	Additional rigid sheet insulation if required (By Others)
19	'Top hat' profile (optional)
20	UPVC Anti Rattle Clip (site installed)
21	Optional Aluminium flashing
22	Fire / Smoke Barrier and fittings (By Others) - Refer to specialist
23	EPDM (By Others)
24	Thermally Broken Aluminium Profile
25	Weather seal (By Others)
26	Adjacent Window / Door / Curtain Wall Profile
27	External corner flashing
28	Rainscreen starter clip profile
29	Rainscreen mid retaining clip profile
30	Fixing bracket
31	Rainscreen mid retaining clip profile
32	Removable panel (replacement procedure ref to PSP-MSFC-020)
33	Aluminium corner cleat (flat) 3mm - Factory Assembled
34	Coping Flashing
35	Support Bracket
36	Extruded Aluminium window closure

A	Product Re-Brading	10.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFC**



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Email: design@pspuk.com  
www.pspuk.com

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

Project:  
**Matrix SFC Standard Details**

Title:  
**Curtain Walling Jamb Detail (Plan View)**

Drawn by: SB	Date: 09.04.19	Scale: 1:2 @ A3
Drwg. No.:	Status:	Approved
<b>PSP-MSFC-P09</b>	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

**Refer to Specialist recommendation for all Smoke and Fire protection.**

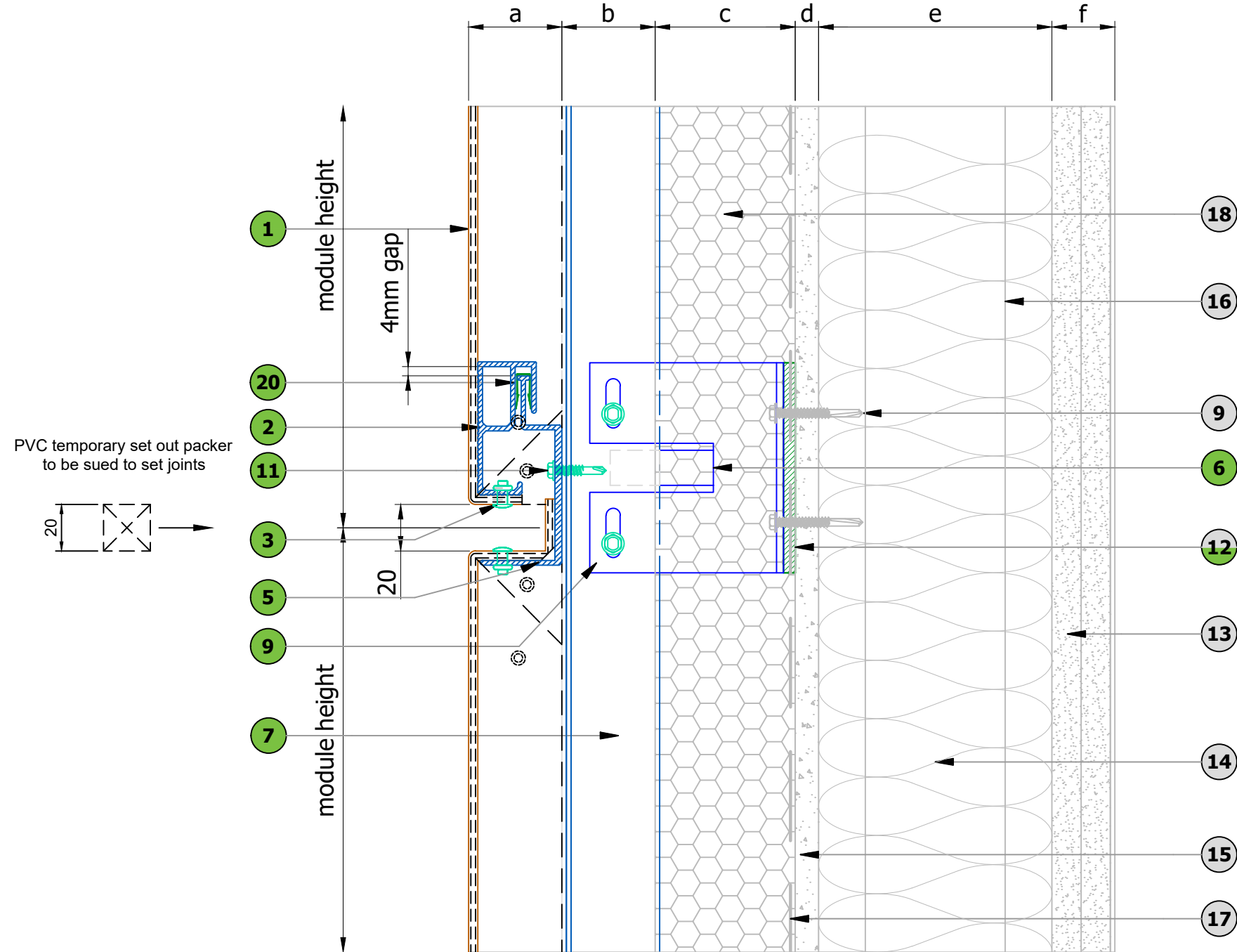
**\*Caution fire barriers are to be considered.**

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 - 41mm
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 - ACM skin, 4mm
2	Panel - aluminium extrusion
3	Panel - aluminium rivet
4	Aluminium angle 32x32x3.2mm
5	Extruded Aluminium male edge
6	Aluminium carrier bracket, 3mm thick
7	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
8	Optional colour matched cover trim
9	Stainless steel fixing (TBC)
10	JT4-4-4.8x19 Stainless steel fixing
11	JT4-6-5.5x22 A14 Stainless steel fixing
12	Optional PVC thermal break, 5mm
13	Internal boards (By Others)
14	Insulation (By Others)
15	Cement particle board (By Others)
16	SFS support structure (By Others)
17	Breather membrane (By Others)
18	Additional rigid sheet insulation if required (By Others)
19	'Top hat' profile (optional)
20	UPVC Anti Rattle Clip (site installed)
21	Optional Aluminium flashing
22	Fire / Smoke Barrier and fittings (By Others) - Refer to specialist
23	EPDM (By Others)
24	Thermally Broken Aluminium Profile
25	Weather seal (By Others)
26	Adjacent Window / Door / Curtain Wall Profile
27	External corner flashing
28	Rainscreen starter clip profile
29	Rainscreen mid retaining clip profile
30	Fixing bracket
31	Rainscreen mid retaining clip profile
32	Removable panel (replacement procedure ref to PSP-MSFC-020)
33	Aluminium corner cleat (flat) 3mm - Factory Assembled
34	Coping Flashing
35	Support Bracket
36	Extruded Aluminium window closure

**HORIZONTAL PANEL JOINT DETAIL**

LEGEND	
a	PSP Panel thickness - 41mm
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:	
	part of system, provided by PSP
	not part of system, can be provided by PSP
	provided by others

**Refer to Specialist recommendation for all Smoke and Fire protection.**

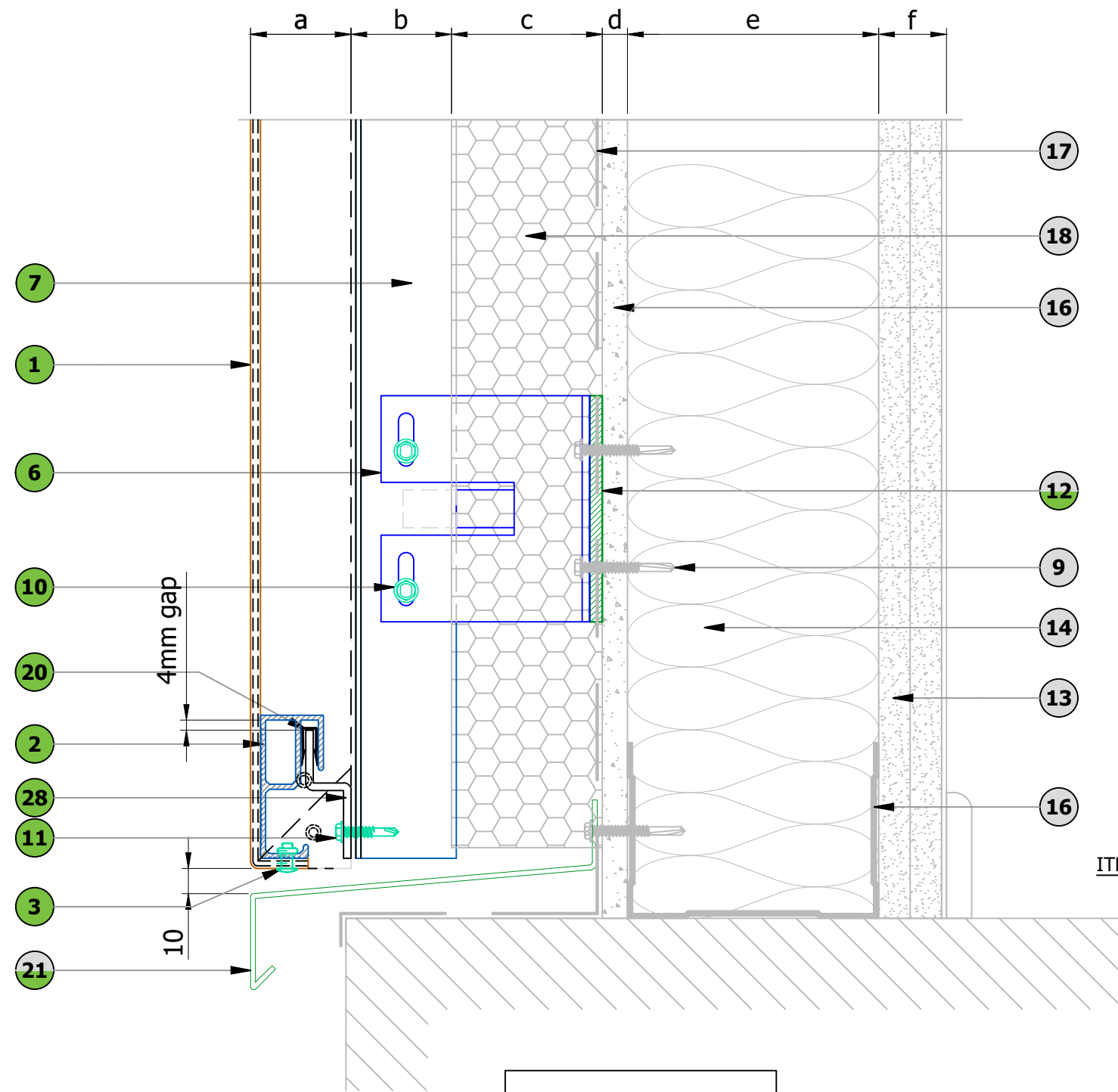
**\*Caution fire barriers are to be considered.**

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-Brading	10.06.19
Rev	Details	Date
PSP SYSTEM - MATRIX SFC		
<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: P.S.P.
		Project: Matrix SFC Standard Details
Title: Horizontal Panel Joint Detail (Sectional View)		
Drawn by: SB	Date: 09.04.19	Scale: 1:2 @ A3
Drwg. No.:	Status:	Approved
PSP-MSFC-S01	Revision:	A

DO NOT SCALE

IF IN DOUBT - ASK



**BASE DRIP DETAIL**

PARTS LIST	
1	Panel - ACM skin, 4mm
2	Panel - aluminium extrusion
3	Panel - aluminium rivet
4	Aluminium angle 32x32x3.2mm
5	Extruded Aluminium male edge
6	Aluminium carrier bracket, 3mm thick
7	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
8	Optional colour matched cover trim
9	Stainless steel fixing (TBC)
10	JT4-4-4.8x19 Stainless steel fixing
11	JT4-6-5.5x22 A14 Stainless steel fixing
12	Optional PVC thermal break, 5mm
13	Internal boards (By Others)
14	Insulation (By Others)
15	Cement particle board (By Others)
16	SFS support structure (By Others)
17	Breather membrane (By Others)
18	Additional rigid sheet insulation if required (By Others)
19	'Top hat' profile (optional)
20	UPVC Anti Rattle Clip (site installed)
21	Optional Aluminium flashing
22	Fire / Smoke Barrier and fittings (By Others) - Refer to specialist
23	EPDM (By Others)
24	Thermally Broken Aluminium Profile
25	Weather seal (By Others)
26	Adjacent Window / Door / Curtain Wall Profile
27	External corner flashing
28	Rainscreen starter clip profile
29	Rainscreen mid retaining clip profile
30	Fixing bracket
31	Rainscreen mid retaining clip profile
32	Removable panel (replacement procedure ref to PSP-MSFC-020)
33	Aluminium corner cleat (flat) 3mm - Factory Assembled
34	Coping Flashing
35	Support Bracket
36	Extruded Aluminium window closure

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

**Refer to Specialist recommendation for all Smoke and Fire protection.**

**\*Caution fire barriers are to be considered.**

LEGEND	
a	PSP Panel thickness - 41mm
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-Brading	10.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFC**

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Email: design@pspuuk.com  
www.pspuuk.com

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

Project:  
**Matrix SFC Standard Details**

Title:  
**Base Drip Detail (Sectional View)**

Drawn by: **SB**      Date: **09.04.19**      Scale: **1:2 @ A3**

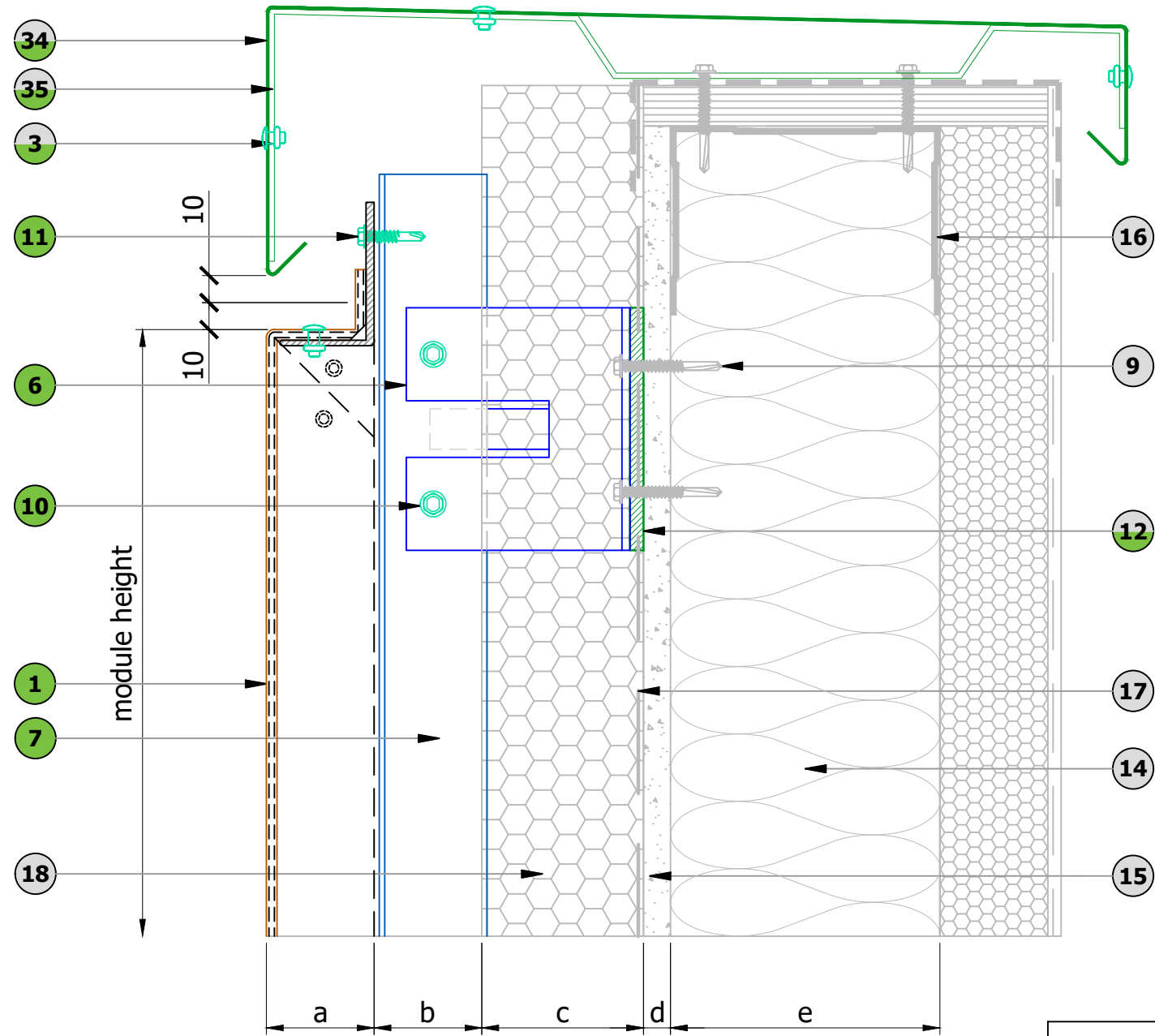
Drwg. No.: **PSP-MSFC-S02**      Status: **Approved**      Revision: **A**



DO NOT SCALE

IF IN DOUBT - ASK

Fixings to secure coping to be determined on an individual project basis.



**COPING FLASHING DETAIL**

PARTS LIST	
1	Panel - ACM skin, 4mm
2	Panel - aluminium extrusion
3	Panel - aluminium rivet
4	Aluminium angle 32x32x3.2mm
5	Extruded Aluminium male edge
6	Aluminium carrier bracket, 3mm thick
7	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
8	Optional colour matched cover trim
9	Stainless steel fixing (TBC)
10	JT4-4-4.8x19 Stainless steel fixing
11	JT4-6-5.5x22 A14 Stainless steel fixing
12	Optional PVC thermal break, 5mm
13	Internal boards (By Others)
14	Insulation (By Others)
15	Cement particle board (By Others)
16	SFS support structure (By Others)
17	Breather membrane (By Others)
18	Additional rigid sheet insulation if required (By Others)
19	'Top hat' profile (optional)
20	UPVC Anti Rattle Clip (site installed)
21	Optional Aluminium flashing
22	Fire / Smoke Barrier and fittings (By Others) - Refer to specialist
23	EPDM (By Others)
24	Thermally Broken Aluminium Profile
25	Weather seal (By Others)
26	Adjacent Window / Door / Curtain Wall Profile
27	External corner flashing
28	Rainscreen starter clip profile
29	Rainscreen mid retaining clip profile
30	Fixing bracket
31	Rainscreen mid retaining clip profile
32	Removable panel (replacement procedure ref to PSP-MSFC-020)
33	Aluminium corner cleat (flat) 3mm - Factory Assembled
34	Coping Flashing
35	Support Bracket
36	Extruded Aluminium window closure

Factory assembled

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


**Refer to Specialist recommendation for all Smoke and Fire protection.**  
\*Caution fire barriers are to be considered.

LEGEND	
a	PSP Panel thickness - 41mm
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	10.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFC**



Unit 11  
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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 SFC Standard Details**

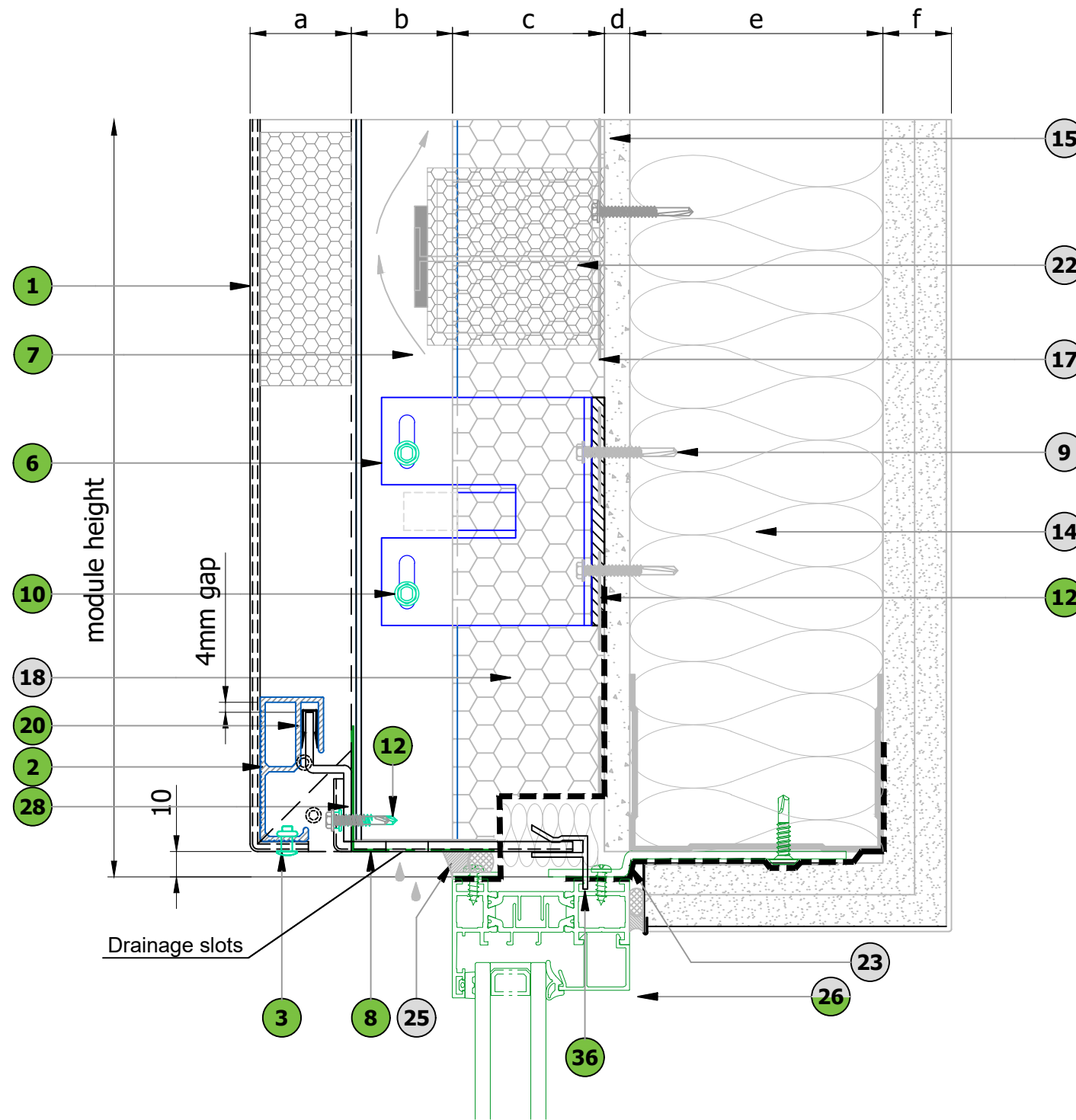
Title:  
**Coping Flashing Detail (Sectional View)**

Drawn by:	Date:	Scale:
SB	09.04.19	1:2 @ A3

Drwg. No.:	Status:	Approved
PSP-MSFC-S03	Revision:	A

DO NOT SCALE

IF IN DOUBT - ASK



PARTS LIST	
1	Panel - ACM skin, 4mm
2	Panel - aluminium extrusion
3	Panel - aluminium rivet
4	Aluminium angle 32x32x3.2mm
5	Extruded Aluminium male edge
6	Aluminium carrier bracket, 3mm thick
7	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
8	Optional colour matched cover trim
9	Stainless steel fixing (TBC)
10	JT4-4-4.8x19 Stainless steel fixing
11	JT4-6-5.5x22 A14 Stainless steel fixing
12	Optional PVC thermal break, 5mm
13	Internal boards (By Others)
14	Insulation (By Others)
15	Cement particle board (By Others)
16	SFS support structure (By Others)
17	Breather membrane (By Others)
18	Additional rigid sheet insulation if required (By Others)
19	'Top hat' profile (optional)
20	UPVC Anti Rattle Clip (site installed)
21	Optional Aluminium flashing
22	Fire / Smoke Barrier and fittings (By Others) - Refer to specialist
23	EPDM (By Others)
24	Thermally Broken Aluminium Profile
25	Weather seal (By Others)
26	Adjacent Window / Door / Curtain Wall Profile
27	External corner flashing
28	Rainscreen starter clip profile
29	Rainscreen mid retaining clip profile
30	Fixing bracket
31	Rainscreen mid retaining clip profile
32	Removable panel (replacement procedure ref to PSP-MSFC-020)
33	Aluminium corner cleat (flat) 3mm - Factory Assembled
34	Coping Flashing
35	Support Bracket
36	Extruded Aluminium window closure

ITEM 28: BASE CLIP PROFILE

**WINDOW HEAD DETAIL**

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

**Refer to Specialist recommendation for all Smoke and Fire protection.**

**\*Caution fire barriers are to be considered.**

LEGEND	
a	PSP Panel thickness - 41mm
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

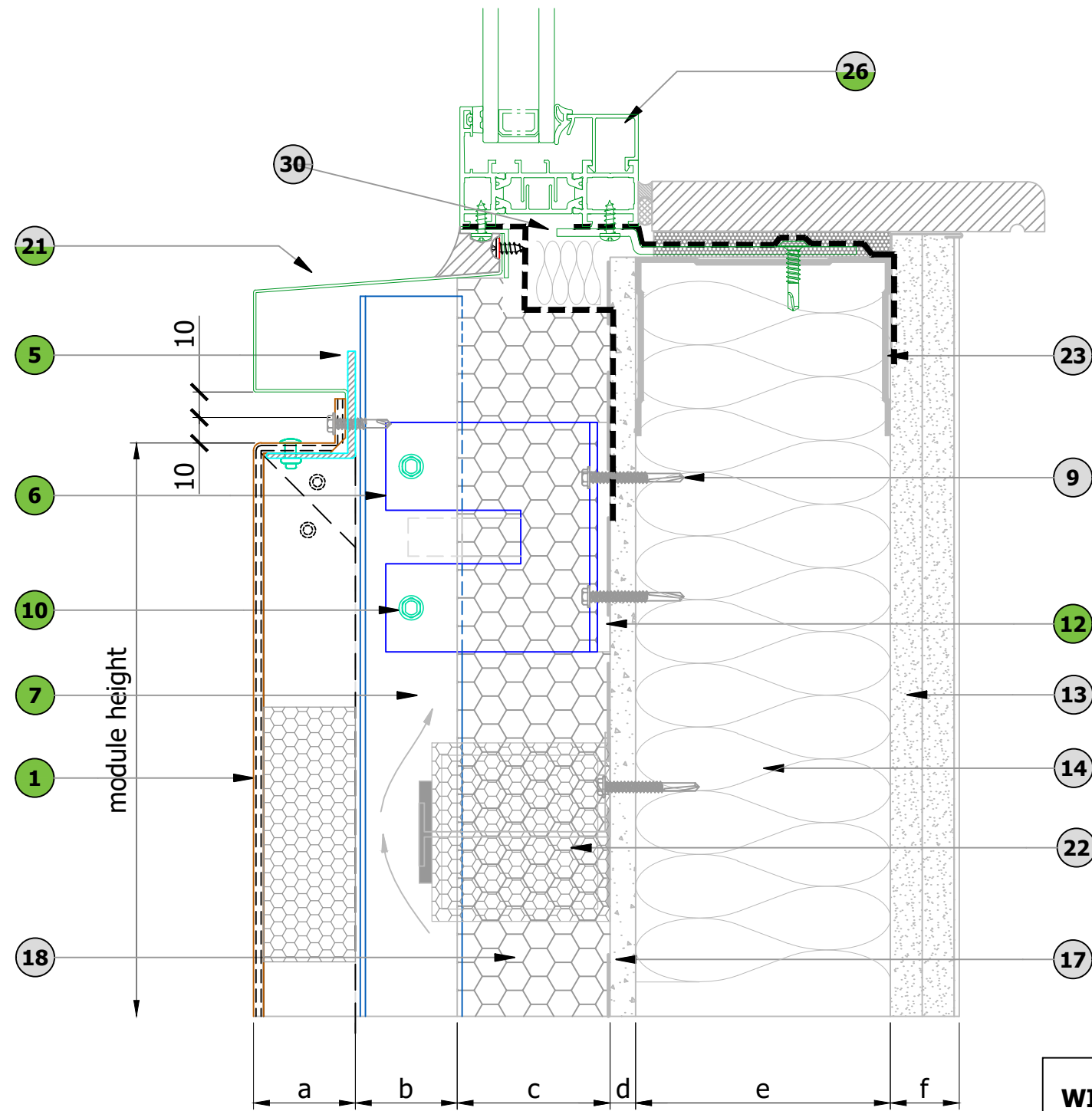
Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

Rev	A	Product Re-Brading	10.06.19
Rev		Details	Date
<b>PSP SYSTEM - MATRIX SFC</b>			
<p>Unit 11 All Saints Industrial Estate Shildon County Durham DL4 2RD</p> <p>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 SFC Standard Details</b>	
		Title: <b>Window Head Detail (Sectional View)</b>	
Drawn by:	Date:	Scale:	
SB	09.04.19	1:2 @ A3	
Drwg. No.:	Status:	Approved	
PSP-MSFC-S04	Revision:	A	



DO NOT SCALE

IF IN DOUBT - ASK



**WINDOW CILL DETAIL**

PARTS LIST		
1	Panel - ACM skin, 4mm	} Factory assembled
2	Panel - aluminium extrusion	
3	Panel - aluminium rivet	
4	Aluminium angle 32x32x3.2mm	
5	Extruded Aluminium male edge	
6	Aluminium carrier bracket, 3mm thick	
7	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm	
8	Optional colour matched cover trim	
9	Stainless steel fixing (TBC)	
10	JT4-4-4.8x19 Stainless steel fixing	
11	JT4-6-5.5x22 A14 Stainless steel fixing	
12	Optional PVC thermal break, 5mm	
13	Internal boards (By Others)	
14	Insulation (By Others)	
15	Cement particle board (By Others)	
16	SFS support structure (By Others)	
17	Breather membrane (By Others)	
18	Additional rigid sheet insulation if required (By Others)	
19	'Top hat' profile (optional)	
20	UPVC Anti Rattle Clip (site installed)	
21	Optional Aluminium flashing	
22	Fire / Smoke Barrier and fittings (By Others) - Refer to specialist	
23	EPDM (By Others)	
24	Thermally Broken Aluminium Profile	
25	Weather seal (By Others)	
26	Adjacent Window / Door / Curtain Wall Profile	
27	External corner flashing	
28	Rainscreen starter clip profile	
29	Rainscreen mid retaining clip profile	
30	Fixing bracket	
31	Rainscreen mid retaining clip profile	
32	Removable panel (replacement procedure ref to PSP-MSFC-020)	
33	Aluminium corner cleat (flat) 3mm - Factory Assembled	
34	Coping Flashing	
35	Support Bracket	
36	Extruded Aluminium window closure	

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

**Refer to Specialist recommendation for all Smoke and Fire protection.**


**\*Caution fire barriers are to be considered.**

LEGEND	
a	PSP Panel thickness - 41mm
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-Brading	10.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFC**



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 SFC Standard Details**

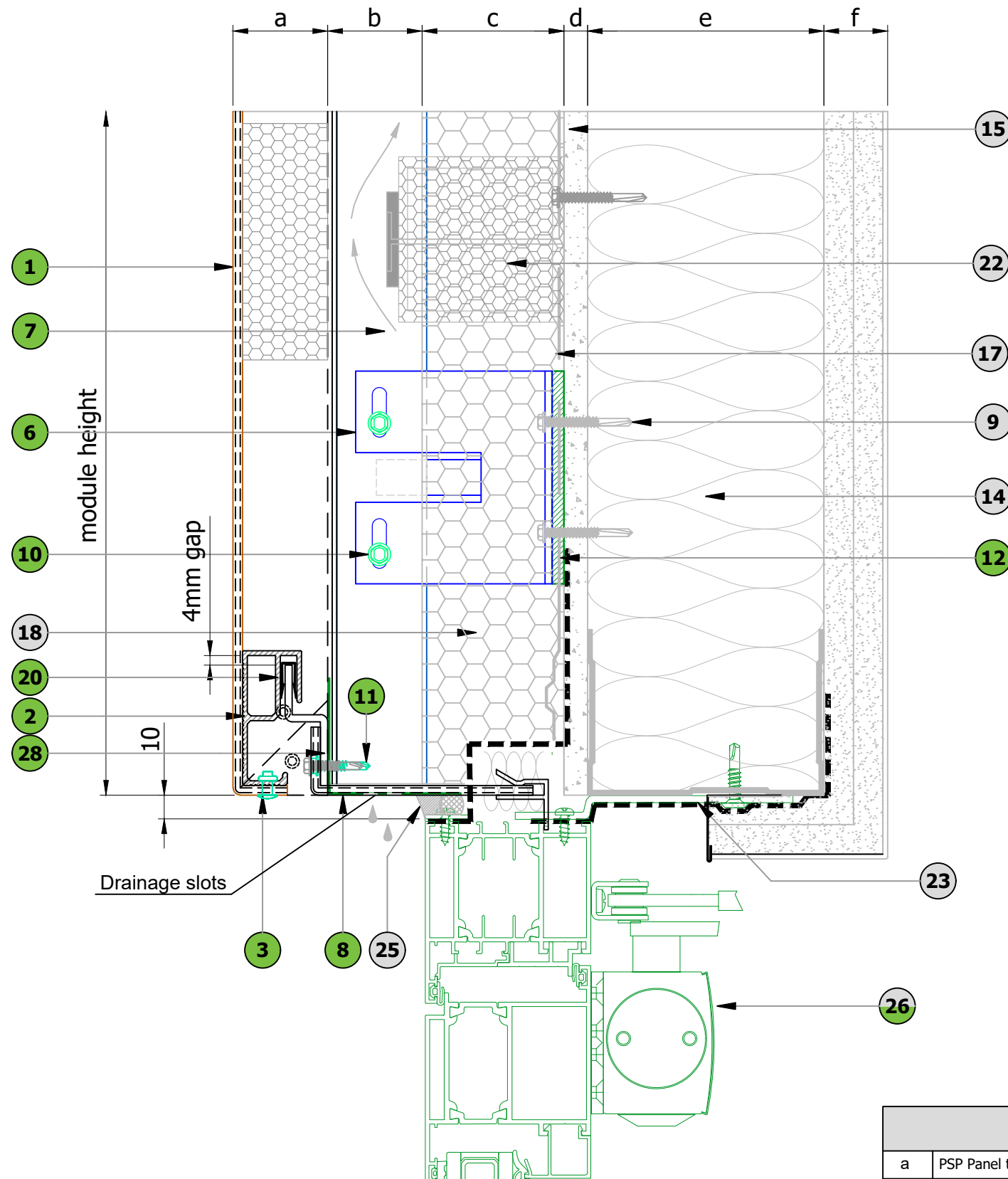
Title:  
**Window Base Detail 2 (Sectional View)**

Drawn by:	Date:	Scale:
SB	09.04.19	1:2 @ A3

Drwg. No.:	Status:	Approved
PSP-MSFC-S05	Revision:	A

DO NOT SCALE

IF IN DOUBT - ASK



PARTS LIST	
1	Panel - ACM skin, 4mm
2	Panel - aluminium extrusion
3	Panel - aluminium rivet
4	Aluminium angle 32x32x3.2mm
5	Extruded Aluminium male edge
6	Aluminium carrier bracket, 3mm thick
7	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
8	Optional colour matched cover trim
9	Stainless steel fixing (TBC)
10	JT4-4-4.8x19 Stainless steel fixing
11	JT4-6-5.5x22 A14 Stainless steel fixing
12	Optional PVC thermal break, 5mm
13	Internal boards (By Others)
14	Insulation (By Others)
15	Cement particle board (By Others)
16	SFS support structure (By Others)
17	Breather membrane (By Others)
18	Additional rigid sheet insulation if required (By Others)
19	'Top hat' profile (optional)
20	UPVC Anti Rattle Clip (site installed)
21	Optional Aluminium flashing
22	Fire / Smoke Barrier and fittings (By Others) - Refer to specialist
23	EPDM (By Others)
24	Thermally Broken Aluminium Profile
25	Weather seal (By Others)
26	Adjacent Window / Door / Curtain Wall Profile
27	External corner flashing
28	Rainscreen starter clip profile
29	Rainscreen mid retaining clip profile
30	Fixing bracket
31	Rainscreen mid retaining clip profile
32	Removable panel (replacement procedure ref to PSP-MSFC-020)
33	Aluminium corner cleat (flat) 3mm - Factory Assembled
34	Coping Flashing
35	Support Bracket
36	Extruded Aluminium window closure

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

Refer to Specialist recommendation for all Smoke and Fire protection.  
\*Caution fire barriers are to be considered.

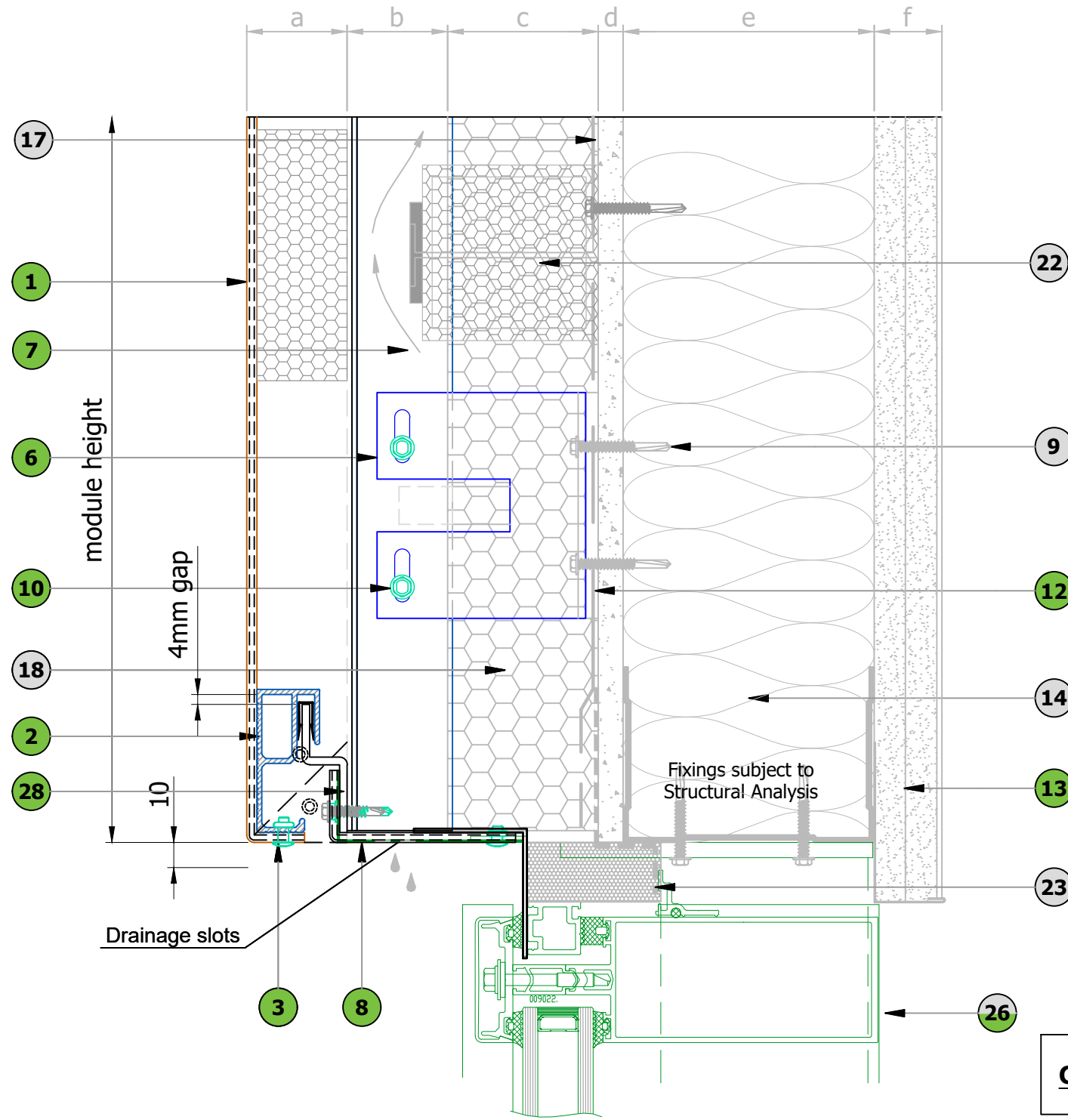
LEGEND	
a	PSP Panel thickness - 41mm
b	Ventilated cavity (British standard - 25mm, NHBC - 38mm (baffled joints) and 50mm (open joints))
c	Insulation by others (must be Part B Compliant)
d	CP board by others - thickness established by project specification
e	SFS by others - depth established by project 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	10.06.19
Rev	Details	Date
PSP SYSTEM - MATRIX SFC		
<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: P.S.P.
		Project: Matrix SFC Standard Details
		Title: Door Head Detail 1 (Sectional View)
Drawn by: SB	Date: 09.04.19	Scale: 1:2 @ A3
Drwg. No.: PSP-MSFC-S06	Status: Revision:	Approved A

DO NOT SCALE

IF IN DOUBT - ASK



PARTS LIST	
1	Panel - ACM skin, 4mm
2	Panel - aluminium extrusion
3	Panel - aluminium rivet
4	Aluminium angle 32x32x3.2mm
5	Extruded Aluminium male edge
6	Aluminium carrier bracket, 3mm thick
7	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
8	Optional colour matched cover trim
9	Stainless steel fixing (TBC)
10	JT4-4-4.8x19 Stainless steel fixing
11	JT4-6-5.5x22 A14 Stainless steel fixing
12	Optional PVC thermal break, 5mm
13	Internal boards (By Others)
14	Insulation (By Others)
15	Cement particle board (By Others)
16	SFS support structure (By Others)
17	Breather membrane (By Others)
18	Additional rigid sheet insulation if required (By Others)
19	'Top hat' profile (optional)
20	UPVC Anti Rattle Clip (site installed)
21	Optional Aluminium flashing
22	Fire / Smoke Barrier and fittings (By Others) - Refer to specialist
23	EPDM (By Others)
24	Thermally Broken Aluminium Profile
25	Weather seal (By Others)
26	Adjacent Window / Door / Curtain Wall Profile
27	External corner flashing
28	Rainscreen starter clip profile
29	Rainscreen mid retaining clip profile
30	Fixing bracket
31	Rainscreen mid retaining clip profile
32	Removable panel (replacement procedure ref to PSP-MSFC-020)
33	Aluminium corner cleat (flat) 3mm - Factory Assembled
34	Coping Flashing
35	Support Bracket
36	Extruded Aluminium window closure

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

**Refer to Specialist recommendation for all Smoke and Fire protection.**

**\*Caution fire barriers are to be considered.**

LEGEND	
a	PSP Panel thickness - 41mm
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

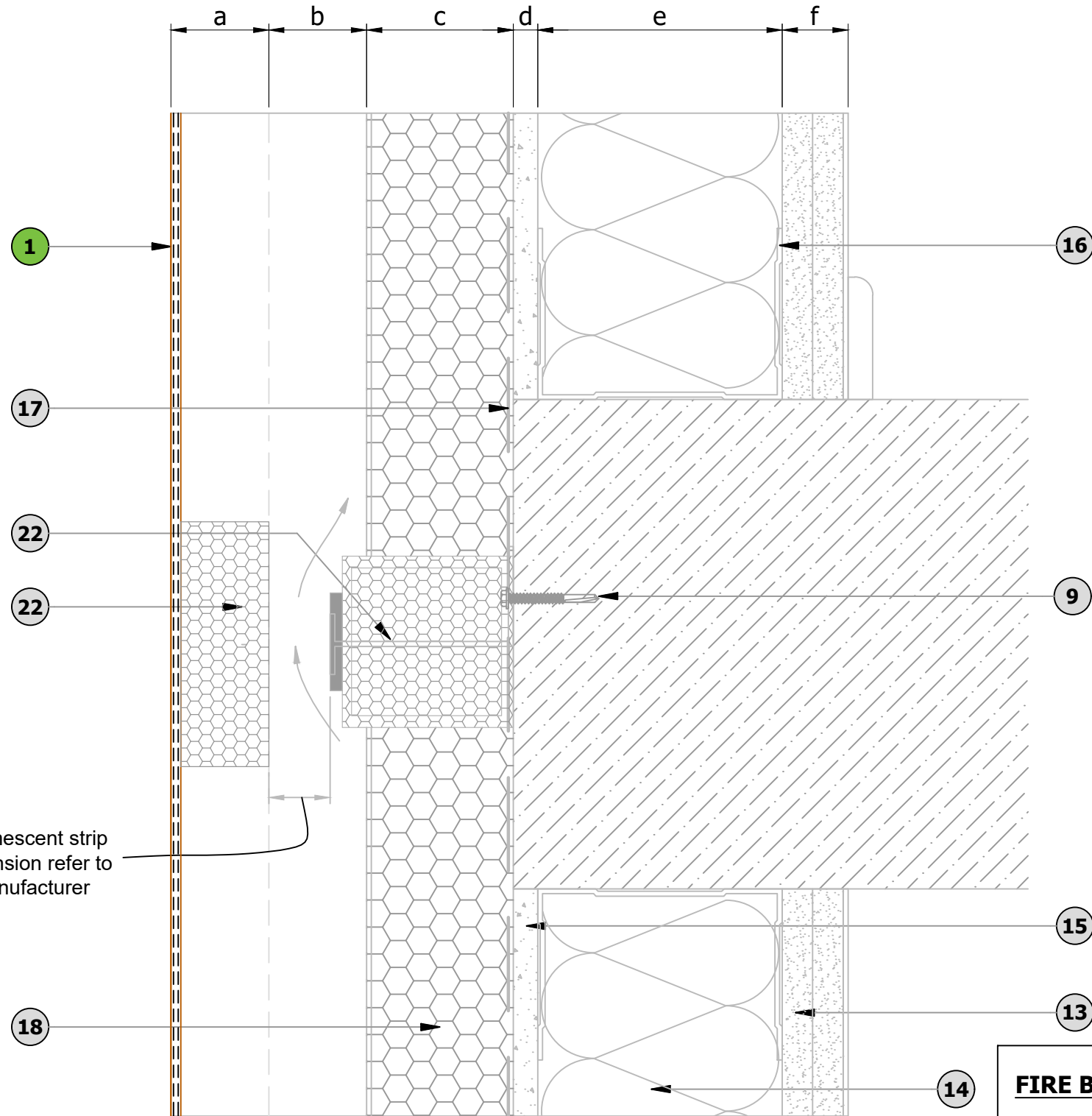
Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

**CURTAIN WALL HEAD DETAIL**

A	Product Re-Brading	10.06.19
Rev	Details	Date
PSP SYSTEM - MATRIX SFC		
<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: P.S.P.
		Project: Matrix SFC Standard Details
Title: Curtain Walling Head Detail (Sectional View)		
Drawn by: SB	Date: 09.04.19	Scale: 1:2 @ A3
Drwg. No.:	Status:	Approved
PSP-MSFC-S07	Revision:	A

DO NOT SCALE

IF IN DOUBT - ASK



PARTS LIST	
1	Panel - ACM skin, 4mm
2	Panel - aluminium extrusion
3	Panel - aluminium rivet
4	Aluminium angle 32x32x3.2mm
5	Extruded Aluminium male edge
6	Aluminium carrier bracket, 3mm thick
7	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
8	Optional colour matched cover trim
9	Stainless steel fixing (TBC)
10	JT4-4-4.8x19 Stainless steel fixing
11	JT4-6-5.5x22 A14 Stainless steel fixing
12	Optional PVC thermal break, 5mm
13	Internal boards (By Others)
14	Insulation (By Others)
15	Cement particle board (By Others)
16	SFS support structure (By Others)
17	Breather membrane (By Others)
18	Additional rigid sheet insulation if required (By Others)
19	'Top hat' profile (optional)
20	UPVC Anti Rattle Clip (site installed)
21	Optional Aluminium flashing
22	Fire / Smoke Barrier and fittings (By Others) - Refer to specialist
23	EPDM (By Others)
24	Thermally Broken Aluminium Profile
25	Weather seal (By Others)
26	Adjacent Window / Door / Curtain Wall Profile
27	External corner flashing
28	Rainscreen starter clip profile
29	Rainscreen mid retaining clip profile
30	Fixing bracket
31	Rainscreen mid retaining clip profile
32	Removable panel (replacement procedure ref to PSP-MSFC-020)
33	Aluminium corner cleat (flat) 3mm - Factory Assembled
34	Coping Flashing
35	Support Bracket
36	Extruded Aluminium window closure

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

**Refer to Specialist recommendation for all Smoke and Fire protection.**

**\*Caution fire barriers are to be considered.**

LEGEND	
a	PSP Panel thickness - 41mm
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.

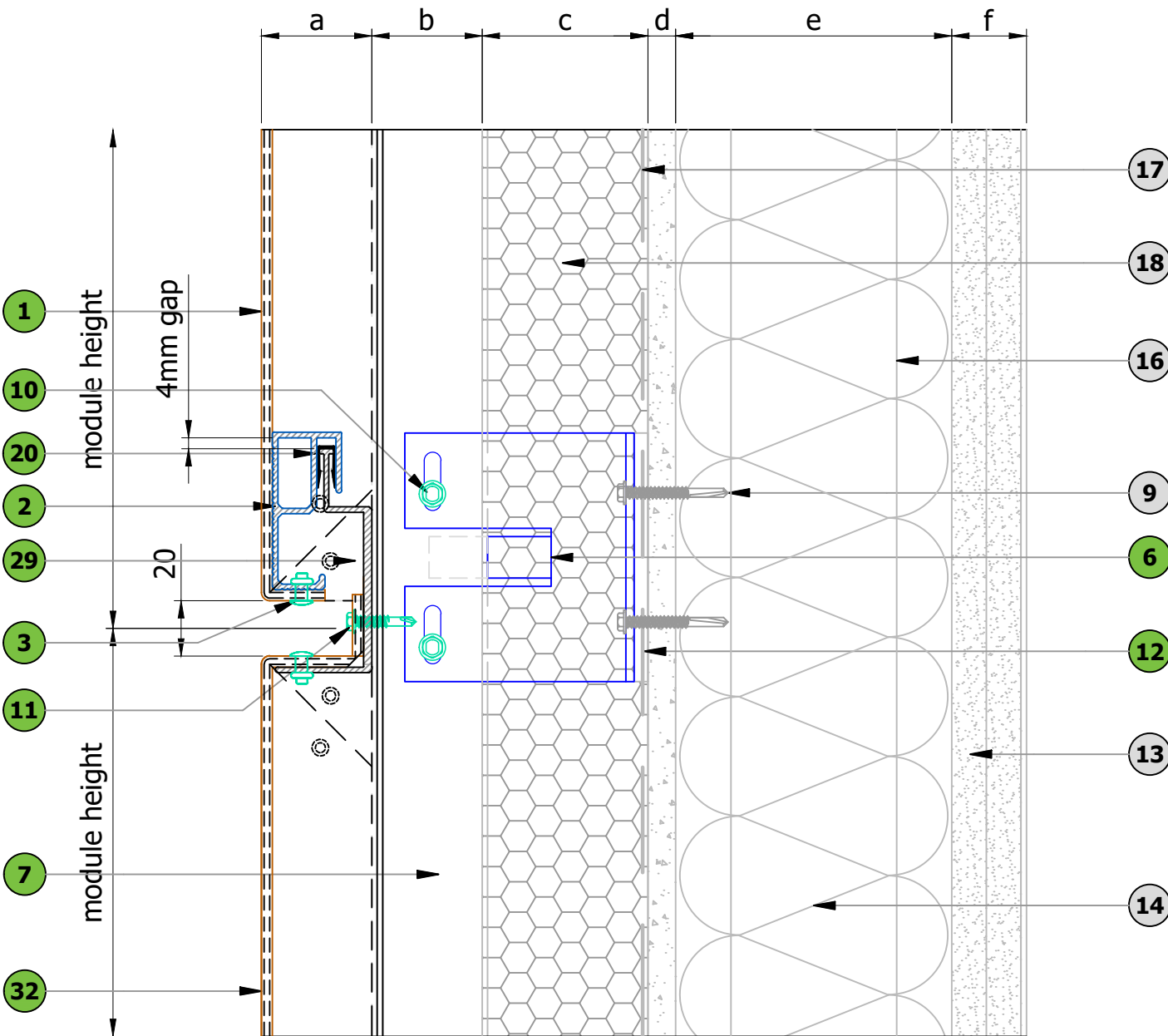
A	Product Re-Brading	10.06.19
Rev	Details	Date

PSP SYSTEM - MATRIX SFC			
<p>Unit 11 All Saints Industrial Estate Shildon County Durham DL4 2RD</p> <p>Tel: 00 44 (0) 1388 770490 Fax: 00 44 (0) 1388 778068 Email: design@pspuk.com www.pspuk.com</p>		Client: P.S.P.	
		Project: Matrix SFC Standard Details	
		Title: Fire Barrier Detail (Sectional View)	
Drawn by: SB	Date: 09.04.19	Scale: 1:2 @ A3	
Drwg. No.:	Status:	Approved	
PSP-MSFC-S08	Revision:	A	



DO NOT SCALE

IF IN DOUBT - ASK



ITEM 29: REMOVABLE MALE TRIM

MATERIAL TO MATCH PANEL  
SUPPLIED IN 3M LENGTHS  
SITE CUT AS REQUIRED


**REMOVABLE PANEL HORIZONTAL JOINT DETAIL**




Replacement procedure ref to PSP-MSFC-020

PARTS LIST	
1	Panel - ACM skin, 4mm
2	Panel - aluminium extrusion
3	Panel - aluminium rivet
4	Aluminium angle 32x32x3.2mm
5	Extruded Aluminium male edge
6	Aluminium carrier bracket, 3mm thick
7	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
8	Optional colour matched cover trim
9	Stainless steel fixing (TBC)
10	JT4-4-4.8x19 Stainless steel fixing
11	JT4-6-5.5x22 A14 Stainless steel fixing
12	Optional PVC thermal break, 5mm
13	Internal boards (By Others)
14	Insulation (By Others)
15	Cement particle board (By Others)
16	SFS support structure (By Others)
17	Breather membrane (By Others)
18	Additional rigid sheet insulation if required (By Others)
19	'Top hat' profile (optional)
20	UPVC Anti Rattle Clip (site installed)
21	Optional Aluminium flashing
22	Fire / Smoke Barrier and fittings (By Others) - Refer to specialist
23	EPDM (By Others)
24	Thermally Broken Aluminium Profile
25	Weather seal (By Others)
26	Adjacent Window / Door / Curtain Wall Profile
27	External corner flashing
28	Rainscreen starter clip profile
29	Rainscreen mid retaining clip profile
30	Fixing bracket
31	Rainscreen mid retaining clip profile
32	Removable panel (replacement procedure ref to PSP-MSFC-020)
33	Aluminium corner cleat (flat) 3mm - Factory Assembled
34	Coping Flashing
35	Support Bracket
36	Extruded Aluminium window closure

A	Product Re-Branding	10.06.19
Rev	Details	Date

**PSP SYSTEM - MATRIX SFC**

 <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: P.S.P.	
	Project: Matrix SFC Standard Details	
Title: Removal Panel Joint Detail (Sectional View)		
Drawn by: SB	Date: 09.04.19	Scale: 1:2 @ A3
Drwg. No.: PSP-MSFC-S09	Status: Revision:	Approved A

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

Refer to Specialist recommendation for all Smoke and Fire protection.  
**\*Caution fire barriers are to be considered.**

LEGEND	
a	PSP Panel thickness - 41mm
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.