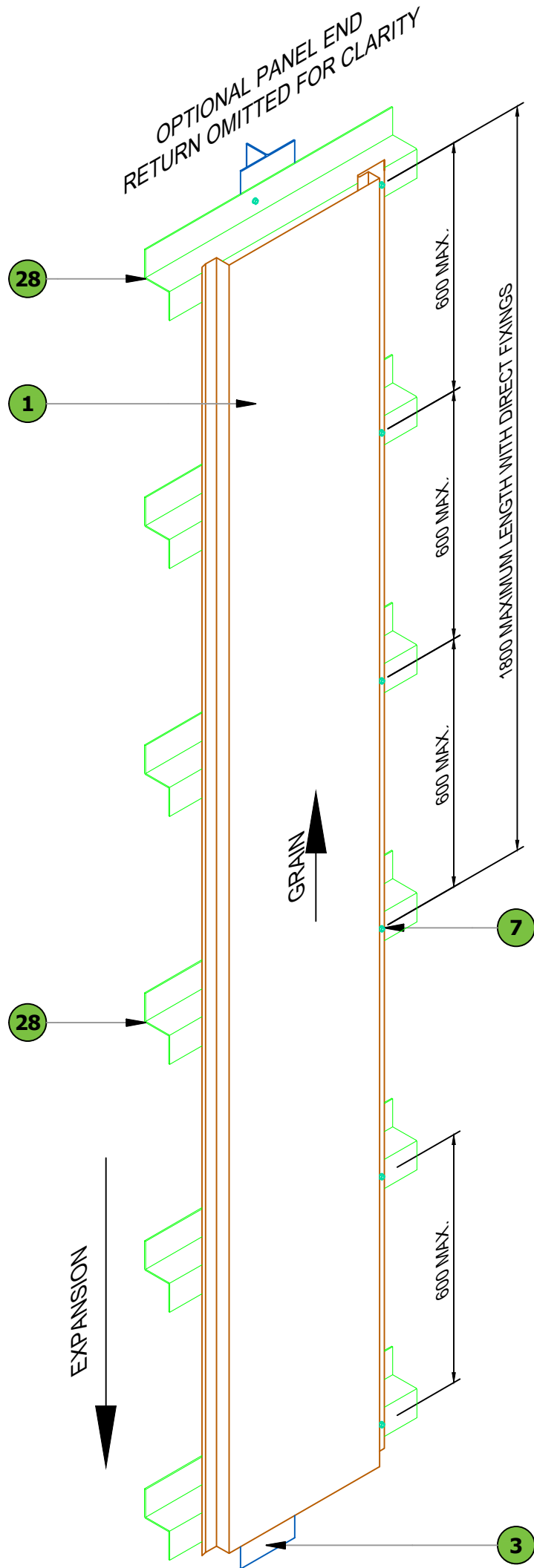


DO NOT SCALE

IF IN DOUBT - ASK




PARTS LIST	
1	Panel - Zinc/Aluminium/Steel skin - 1.2 - 2mm thk max
2	Aluminium carrier bracket, 3mm thick
3	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
4	Optional Colour matched cover trim
5	Stainless steel fixing (TBC)
6	JT4-4-4.8x19 Stainless steel fixing
7	JT4-6-5.5x22 A14 Stainless steel fixing
8	Optional PVC thermal break, 5mm
9	Internal boards by others
10	Insulation by others
11	Cement particle board by others
12	SFS support structure by others
13	Breather membrane by others
14	Additional rigid sheet insulation if required by others
15	'Top hat' profile (optional)
16	Fixing bracket
17	Aluminium flashing (Jamb/Head/Coping/Drip)
18	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
19	EPDM by others
20	Corner support angle (factory assembled)
21	Weather seal by others
22	Adjacent Window / Door Profile
23	Internal / External corner flashing
25	Support Angle
26	Optional Ventilation profile / insect mesh
27	Removable panel (replacement procedure ref to PSP-MIPV-S10)
28	Aluminium 'Z' Rail

PANELS UNDER 1800 LG FIXED DIRECTLY TO HORIZONTAL CARRIERS.
 PANELS OVER 1800 LG FIXED DIRECTLY @ UPPER END & WITH FIXING CLIPS @ LOWER END.

ISOMETRIC VIEW OF TYPICAL PANEL FIXING ARRANGEMENT

(VERTICALLY LAID)

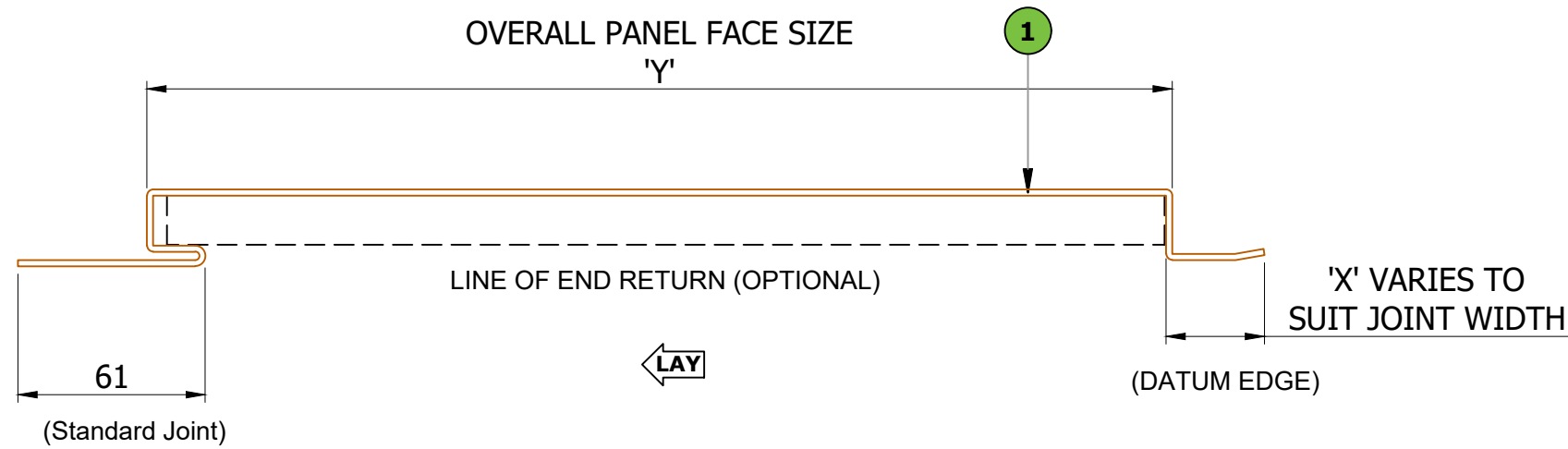
JOINTS SIZE - PROJECT SPECIFIC;
 STANDARD MATRIX IPV JOINTS ARE 5mm, 10mm, 15mm & 20mm

A	Product Re-Branding	17.06.19
Rev	Details	Date
PSP SYSTEM - MATRIX IP		
 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 IP Standard Details
Title: Typical Panel Fixing Arrangement		
Drawn by: SB	Date: 26.04.21	Scale: 1:2 @ A3
Drwg. No.:	Status:	Approved
PSP-MIPV-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




**TYPICAL PANEL SECTION
ROLLFORM PLANK**

STANDARD 'X' & 'Y' DIMENSIONS			
JOINT WIDTH	DIM 'X'	DIM 'Y' MIN.	DIM 'Y' MAX.
5mm	15mm	185mm	685mm
10mm	20mm	180mm	680mm
15mm	25mm	175mm	675mm
20mm	30mm	170mm	670mm

JOINTS SIZE - PROJECT SPECIFIC;
STANDARD MATRIX IP JOINTS
ARE 5mm, 10mm, 15mm & 20mm

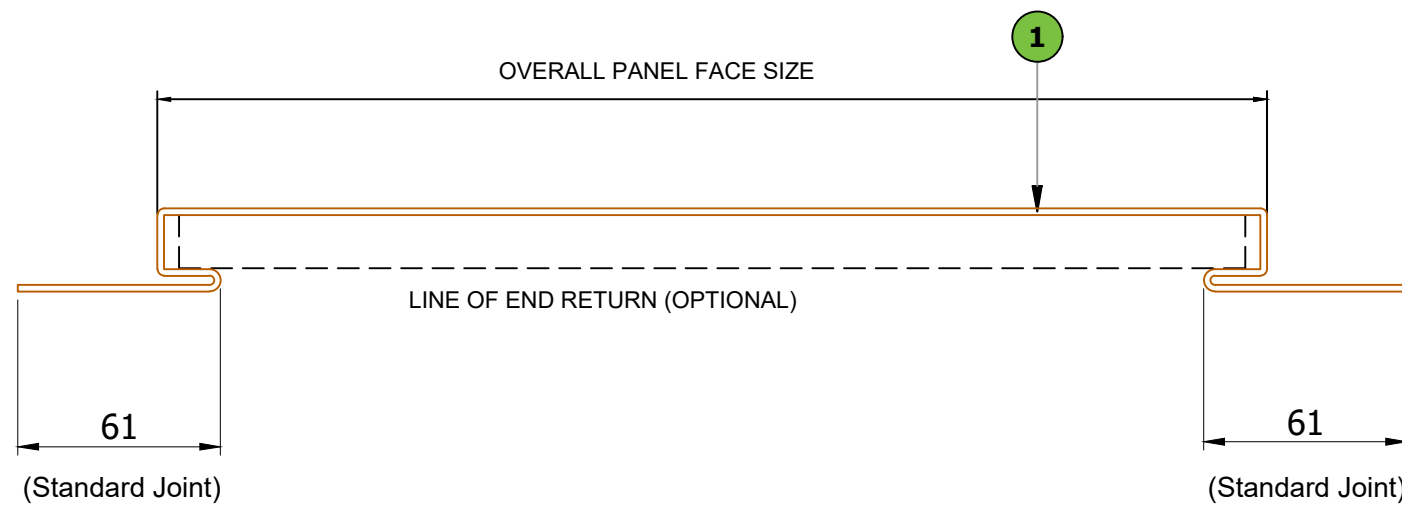
PARTS LIST	
1	Panel - Zinc/Aluminium/Steel skin - 1.2 - 2mm thk max
2	Aluminium carrier bracket, 3mm thick
3	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
4	Optional Colour matched cover trim
5	Stainless steel fixing (TBC)
6	JT4-4-4.8x19 Stainless steel fixing
7	JT4-6-5.5x22 A14 Stainless steel fixing
8	Optional PVC thermal break, 5mm
9	Internal boards by others
10	Insulation by others
11	Cement particle board by others
12	SFS support structure by others
13	Breather membrane by others
14	Additional rigid sheet insulation if required by others
15	'Top hat' profile (optional)
16	Fixing bracket
17	Aluminium flashing (Jamb/Head/Coping/Drip)
18	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
19	EPDM by others
20	Corner support angle (factory assembled)
21	Weather seal by others
22	Adjacent Window / Door Profile
23	Internal / External corner flashing
25	Support Angle
26	Optional Ventilation profile / insect mesh
27	Removable panel (replacement procedure ref to PSP-MIPV-S10)
28	Aluminium 'Z' Rail

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	17.06.19
Rev	Details	Date
PSP SYSTEM - MATRIX IPV		
 <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 IPV Standard Details
		Title: Typical Panel Section
Drawn by: SB	Date: 26.04.21	Scale: 1:2 @ A3
Drwg. No.:	Status:	Approved
PSP-MIPV-A02	Revision:	A

DO NOT SCALE

IF IN DOUBT - ASK




**TYPICAL DOUBLE FEMALE PANEL SECTION
ROLLFORM PLANK**

JOINTS SIZE - PROJECT SPECIFIC;
STANDARD MATRIX IP JOINTS
ARE 5mm, 10mm, 15mm & 20mm

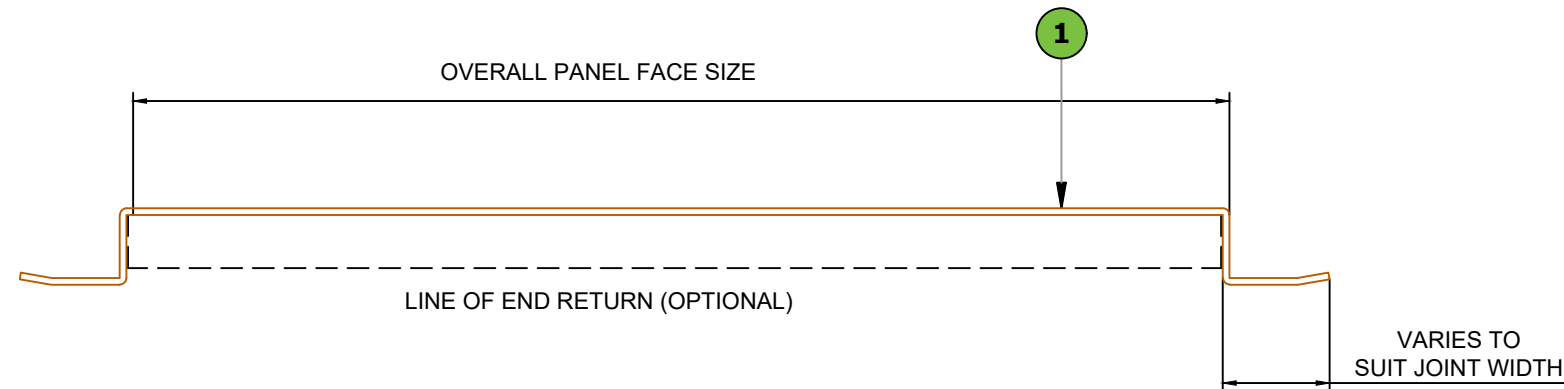
Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

PARTS LIST	
1	Panel - Zinc/Aluminium/Steel skin - 1.2 - 2mm thk max
2	Aluminium carrier bracket, 3mm thick
3	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
4	Optional Colour matched cover trim
5	Stainless steel fixing (TBC)
6	JT4-4-4.8x19 Stainless steel fixing
7	JT4-6-5.5x22 A14 Stainless steel fixing
8	Optional PVC thermal break, 5mm
9	Internal boards by others
10	Insulation by others
11	Cement particle board by others
12	SFS support structure by others
13	Breather membrane by others
14	Additional rigid sheet insulation if required by others
15	'Top hat' profile (optional)
16	Fixing bracket
17	Aluminium flashing (Jamb/Head/Coping/Drip)
18	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
19	EPDM by others
20	Corner support angle (factory assembled)
21	Weather seal by others
22	Adjacent Window / Door Profile
23	Internal / External corner flashing
25	Support Angle
26	Optional Ventilation profile / insect mesh
27	Removable panel (replacement procedure ref to PSP-MIPV-S10)
28	Aluminium 'Z' Rail

A	Product Re-Branding	17.06.19
Rev	Details	Date
PSP SYSTEM - MATRIX IPV		
 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 IPV Standard Details
		Title: Typical Double Female Panel Section
Drawn by: SB	Date: 26.04.21	Scale: 1:2 @ A3
Drwg. No.:	Status:	Approved
PSP-MIPV-A03	Revision:	A

DO NOT SCALE

IF IN DOUBT - ASK




**TYPICAL DOUBLE MALE PANEL SECTION
ROLLFORM PLANK**

JOINTS SIZE - PROJECT SPECIFIC;
STANDARD MATRIX IP JOINTS
ARE 5mm, 10mm, 15mm & 20mm

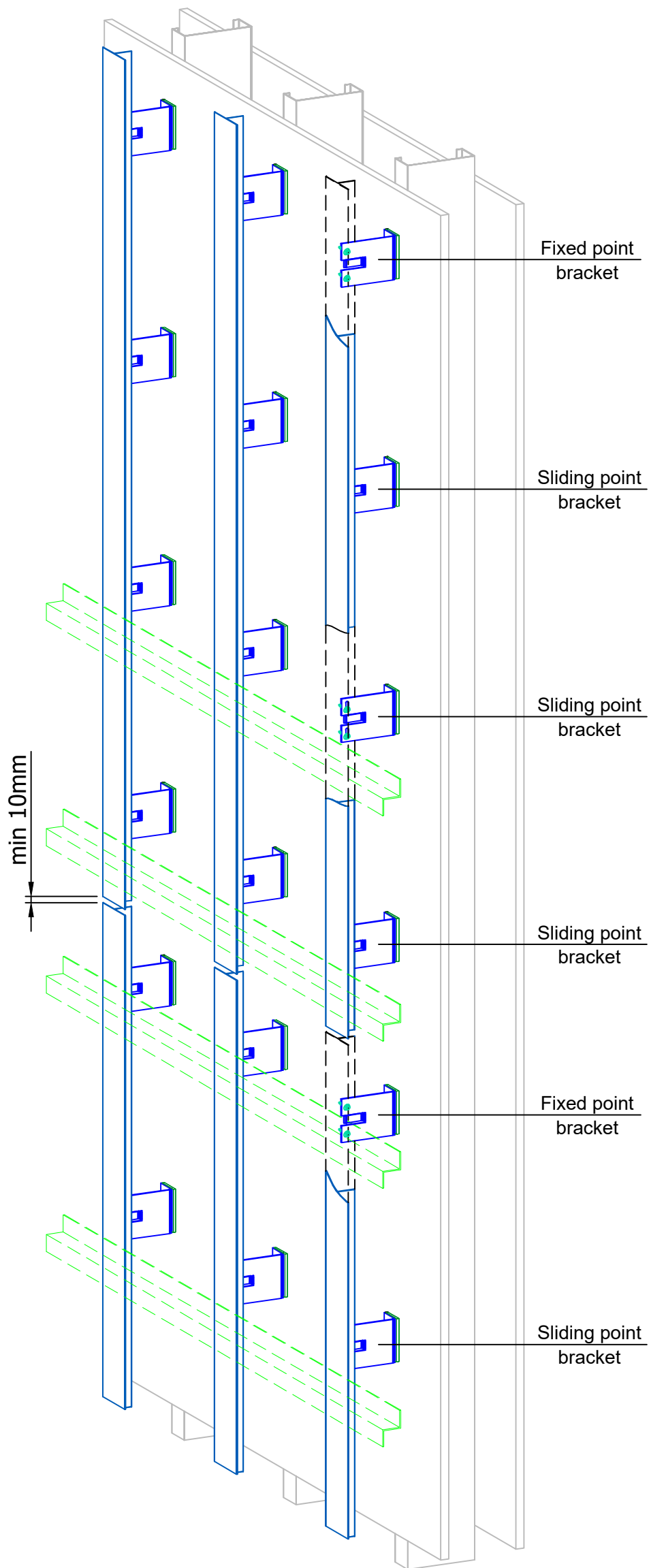
Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

PARTS LIST	
1	Panel - Zinc/Aluminium/Steel skin - 1.2 - 2mm thk max
2	Aluminium carrier bracket, 3mm thick
3	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
4	Optional Colour matched cover trim
5	Stainless steel fixing (TBC)
6	JT4-4-4.8x19 Stainless steel fixing
7	JT4-6-5.5x22 A14 Stainless steel fixing
8	Optional PVC thermal break, 5mm
9	Internal boards by others
10	Insulation by others
11	Cement particle board by others
12	SFS support structure by others
13	Breather membrane by others
14	Additional rigid sheet insulation if required by others
15	'Top hat' profile (optional)
16	Fixing bracket
17	Aluminium flashing (Jamb/Head/Coping/Drip)
18	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
19	EPDM by others
20	Corner support angle (factory assembled)
21	Weather seal by others
22	Adjacent Window / Door Profile
23	Internal / External corner flashing
25	Support Angle
26	Optional Ventilation profile / insect mesh
27	Removable panel (replacement procedure ref to PSP-MIPV-S10)
28	Aluminium 'Z' Rail

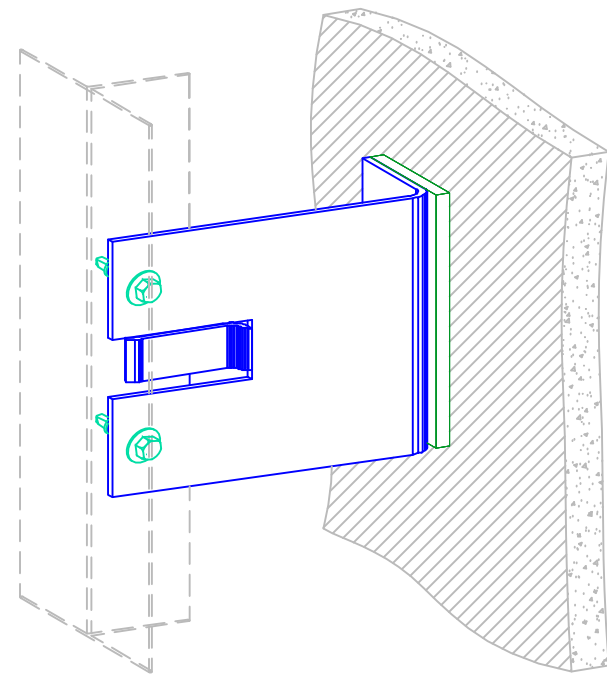
A	Product Re-Branding	17.06.19
Rev	Details	Date
PSP SYSTEM - MATRIX IPV		
 <p>Unit 11 All Saints Industrial Estate Shildon County Durham DL4 2RD Tel: 00 44 (0) 1388 770490 Fax: 00 44 (0) 1388 778068 Email: design@pspuk.com www.pspuk.com</p>		Client: P.S.P.
		Project: Matrix IPV Standard Details
		Title: Typical Double Male Panel Section
Drawn by: SB	Date: 26.04.21	Scale: 1:2 @ A3
Drwg. No.: PSP-MIPV-A04	Status: Approved	Revision: A

DO NOT SCALE

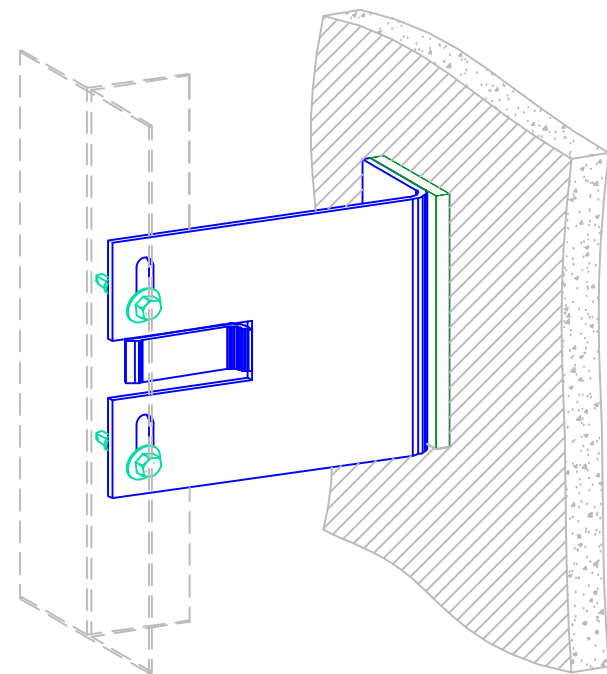
IF IN DOUBT - ASK



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	17.06.19
Rev	Details	Date

PSP SYSTEM - MATRIX IPV



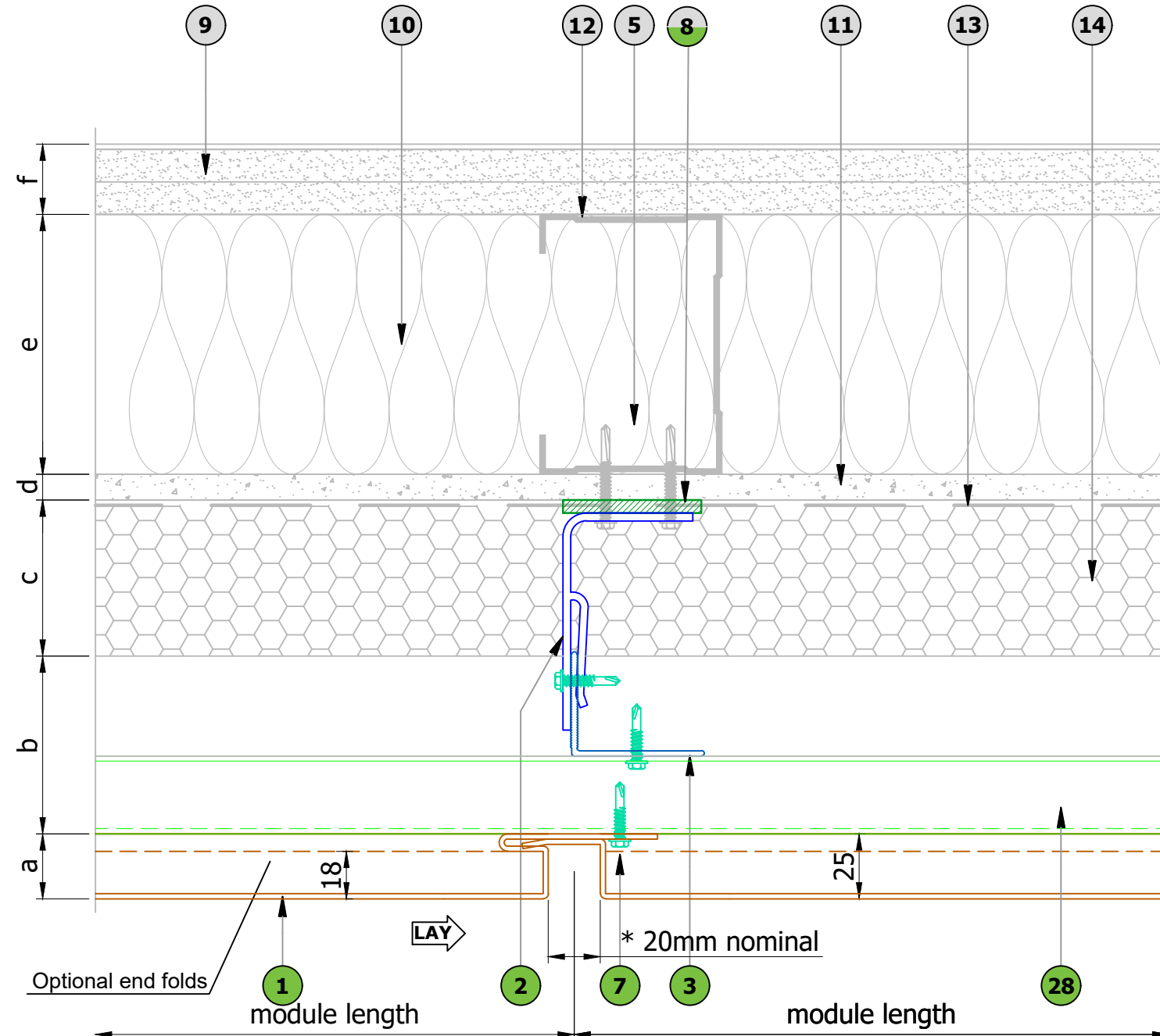
Unit 11
All Saints Industrial Estate
Shildon
County Durham
DL4 2RD
Tel: 00 44 (0) 1388 770490
Fax: 00 44 (0) 1388 778068
Email: design@pspuk.com
www.pspuk.com

Client: P.S.P.		
Project: Matrix IPV Standard Details		
Title: Fixed & Sliding Brackets Points Setting Out		
Drawn by: SB	Date: 26.04.21	Scale: 1:2 @ A3
Drwg. No.: PSP-MIPV-A05	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.

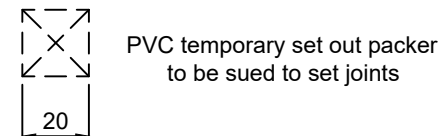
DO NOT SCALE

IF IN DOUBT - ASK



PARTS LIST	
1	Panel - Zinc/Aluminium/Steel skin - 1.2 - 2mm thk max
2	Aluminium carrier bracket, 3mm thick
3	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
4	Optional Colour matched cover trim
5	Stainless steel fixing (TBC)
6	JT4-4-4.8x19 Stainless steel fixing
7	JT4-6-5.5x22 A14 Stainless steel fixing
8	Optional PVC thermal break, 5mm
9	Internal boards by others
10	Insulation by others
11	Cement particle board by others
12	SFS support structure by others
13	Breather membrane by others
14	Additional rigid sheet insulation if required by others
15	'Top hat' profile (optional)
16	Fixing bracket
17	Aluminium flashing (Jamb/Head/Coping/Drip)
18	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
19	EPDM by others
20	Corner support angle (factory assembled)
21	Weather seal by others
22	Adjacent Window / Door Profile
23	Internal / External corner flashing
25	Support Angle
26	Optional Ventilation profile / insect mesh
27	Removable panel (replacement procedure ref to PSP-MIPV-S10)
28	Aluminium 'Z' Rail

* Anything above standard 20mm joint Item No 24 (Stainless Steel Fixing Clip) MUST be used
For 20mm & smaller joints Item No 24 not required.



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

**VERTICAL PANEL JOINT DETAIL
(under 1800mm)**

LEGEND	
a	PSP Panel thickness - 24mm
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

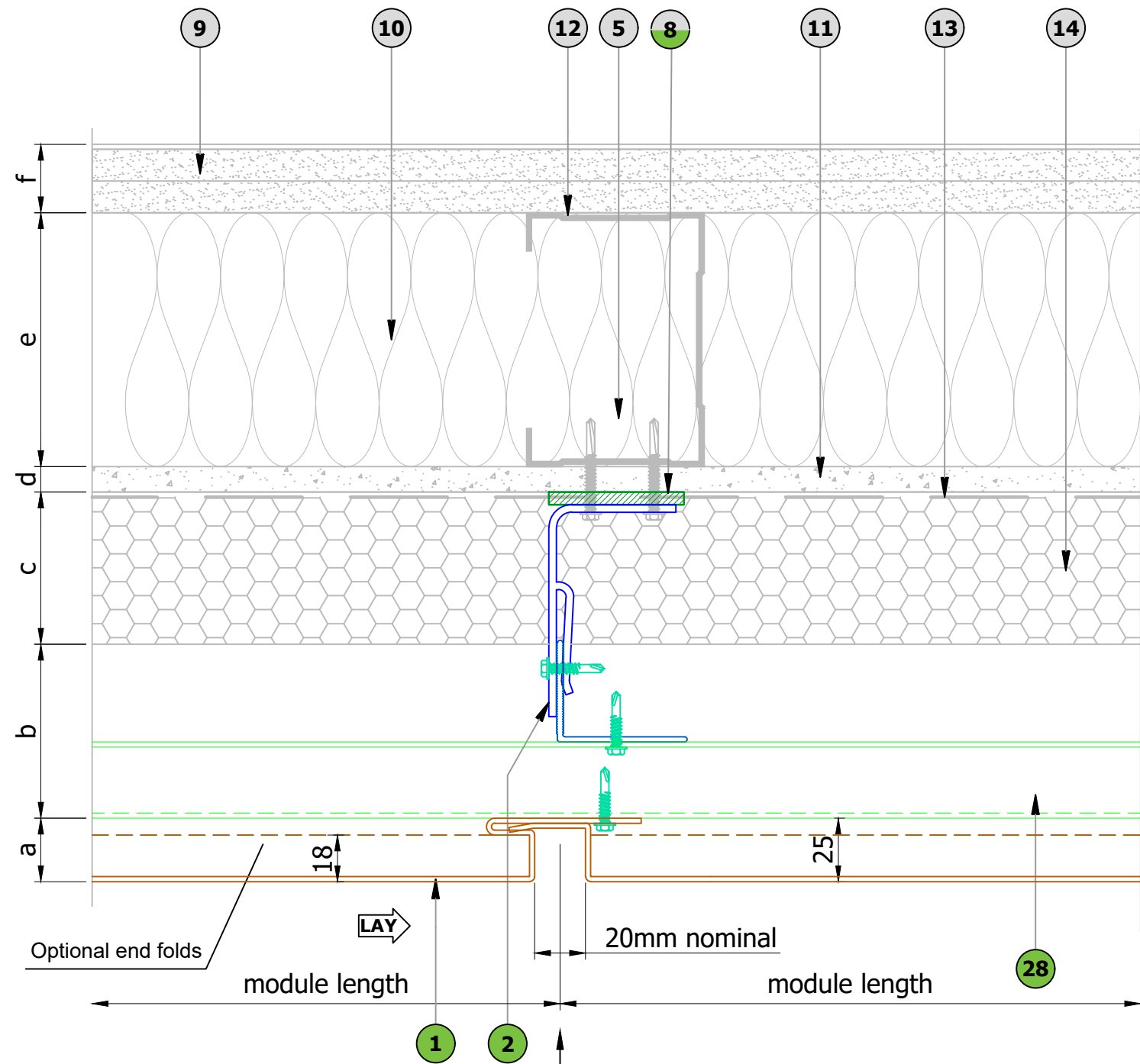
STANDARD MATRIX-IP & IPV VERTICAL & HORIZONTAL JOINTS ARE 20mm

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	17.06.19
Rev	Details	Date
PSP SYSTEM - MATRIX IPV		
<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 IPV Standard Details
		Title: Vertical Panel Joint Detail (Plan View - under 1800mm)
Drawn by: SB	Date: 26.04.21	Scale: 1:2 @ A3
Drwg. No.:	Status:	Approved
PSP-MIPV-P01	Revision:	A

DO NOT SCALE

IF IN DOUBT - ASK



PARTS LIST

1	Panel - Zinc/Aluminium/Steel skin - 1.2 - 2mm thk max
2	Aluminium carrier bracket, 3mm thick
3	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
4	Optional Colour matched cover trim
5	Stainless steel fixing (TBC)
6	JT4-4-4.8x19 Stainless steel fixing
7	JT4-6-5.5x22 A14 Stainless steel fixing
8	Optional PVC thermal break, 5mm
9	Internal boards by others
10	Insulation by others
11	Cement particle board by others
12	SFS support structure by others
13	Breather membrane by others
14	Additional rigid sheet insulation if required by others
15	'Top hat' profile (optional)
16	Fixing bracket
17	Aluminium flashing (Jamb/Head/Coping/Drip)
18	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
19	EPDM by others
20	Corner support angle (factory assembled)
21	Weather seal by others
22	Adjacent Window / Door Profile
23	Internal / External corner flashing
25	Support Angle
26	Optional Ventilation profile / insect mesh
27	Removable panel (replacement procedure ref to PSP-MIPV-S10)
28	Aluminium 'Z' Rail

**VERTICAL PANEL JOINT DETAIL
(over 1800mm)**

LEGEND:

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

STANDARD MATRIX-IP & IPV VERTICAL & HORIZONTAL JOINTS ARE 20mm

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.

ITEM 24: STAINLESS STEEL FIXING CLIP

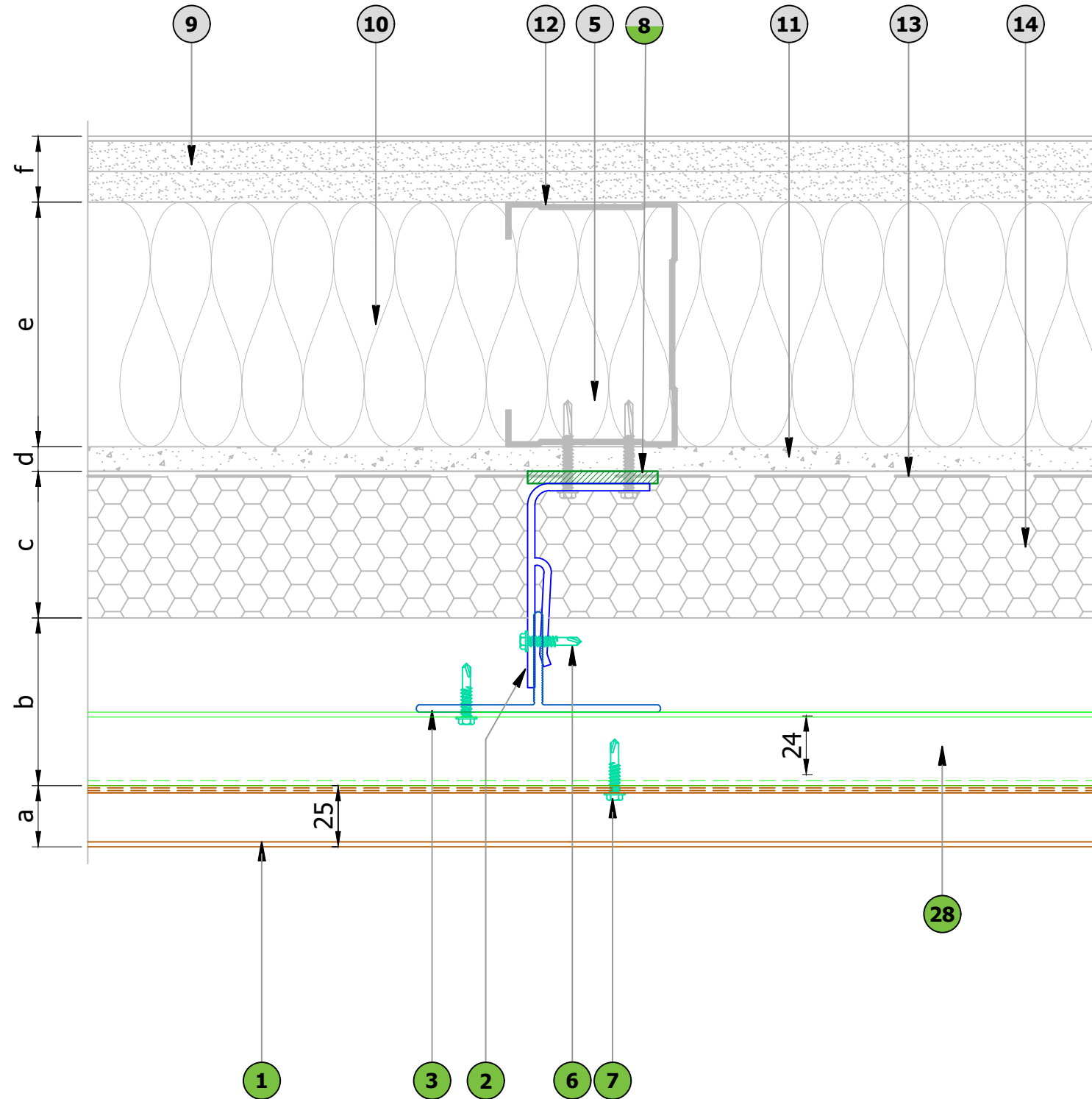
LEGEND

a	PSP Panel thickness - 24mm
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	17.06.19
Rev	Details	Date
PSP SYSTEM - MATRIX IPV		
<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 IPV Standard Details
Drawn by: SB		Date: 26.04.21
Drwg. No.: PSP-MIPV-P02		Status: Approved
Revision: A		Scale: 1:2 @ A3

DO NOT SCALE

IF IN DOUBT - ASK



LEGEND:

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

STANDARD MATRIX-IP & IPV VERTICAL & HORIZONTAL JOINTS ARE 20mm

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 - 24mm
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

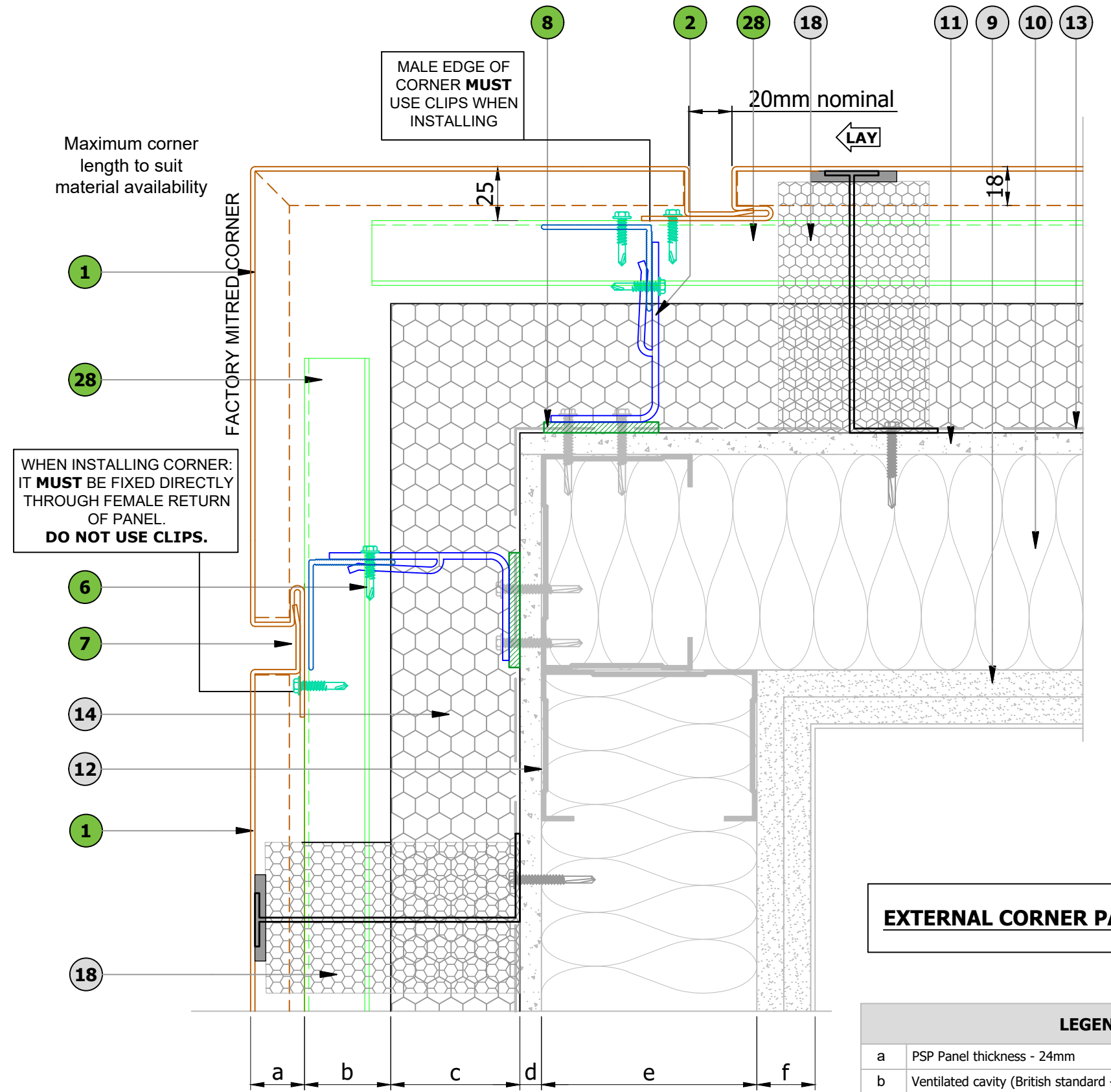
PARTS LIST

1	Panel - Zinc/Aluminium/Steel skin - 1.2 - 2mm thk max
2	Aluminium carrier bracket, 3mm thick
3	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
4	Optional Colour matched cover trim
5	Stainless steel fixing (TBC)
6	JT4-4-4.8x19 Stainless steel fixing
7	JT4-6-5.5x22 A14 Stainless steel fixing
8	Optional PVC thermal break, 5mm
9	Internal boards by others
10	Insulation by others
11	Cement particle board by others
12	SFS support structure by others
13	Breather membrane by others
14	Additional rigid sheet insulation if required by others
15	'Top hat' profile (optional)
16	Fixing bracket
17	Aluminium flashing (Jamb/Head/Coping/Drip)
18	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
19	EPDM by others
20	Corner support angle (factory assembled)
21	Weather seal by others
22	Adjacent Window / Door Profile
23	Internal / External corner flashing
25	Support Angle
26	Optional Ventilation profile / insect mesh
27	Removable panel (replacement procedure ref to PSP-MIPV-S10)
28	Aluminium 'Z' Rail

A	Product Re-Branding	17.06.19
Rev	Details	Date
PSP SYSTEM - MATRIX IPV		
<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 IPV Standard Details
		Title: Vertical Midspan Support Detail
Drawn by: SB	Date: 26.04.21	Scale: 1:2 @ A3
Drwg. No.:	Status:	Approved
PSP-MIPV-P03	Revision:	A

DO NOT SCALE

IF IN DOUBT - ASK



STANDARD MATRIX-IP & IPV VERTICAL & HORIZONTAL JOINTS ARE 20mm

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.


PARTS LIST

1	Panel - Zinc/Aluminium/Steel skin - 1.2 - 2mm thk max
2	Aluminium carrier bracket, 3mm thick
3	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
4	Optional Colour matched cover trim
5	Stainless steel fixing (TBC)
6	JT4-4-4.8x19 Stainless steel fixing
7	JT4-6-5.5x22 A14 Stainless steel fixing
8	Optional PVC thermal break, 5mm
9	Internal boards by others
10	Insulation by others
11	Cement particle board by others
12	SFS support structure by others
13	Breather membrane by others
14	Additional rigid sheet insulation if required by others
15	'Top hat' profile (optional)
16	Fixing bracket
17	Aluminium flashing (Jamb/Head/Coping/Drip)
18	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
19	EPDM by others
20	Corner support angle (factory assembled)
21	Weather seal by others
22	Adjacent Window / Door Profile
23	Internal / External corner flashing
25	Support Angle
26	Optional Ventilation profile / insect mesh
27	Removable panel (replacement procedure ref to PSP-MIPV-S10)
28	Aluminium 'Z' Rail

EXTERNAL CORNER PANEL DETAIL

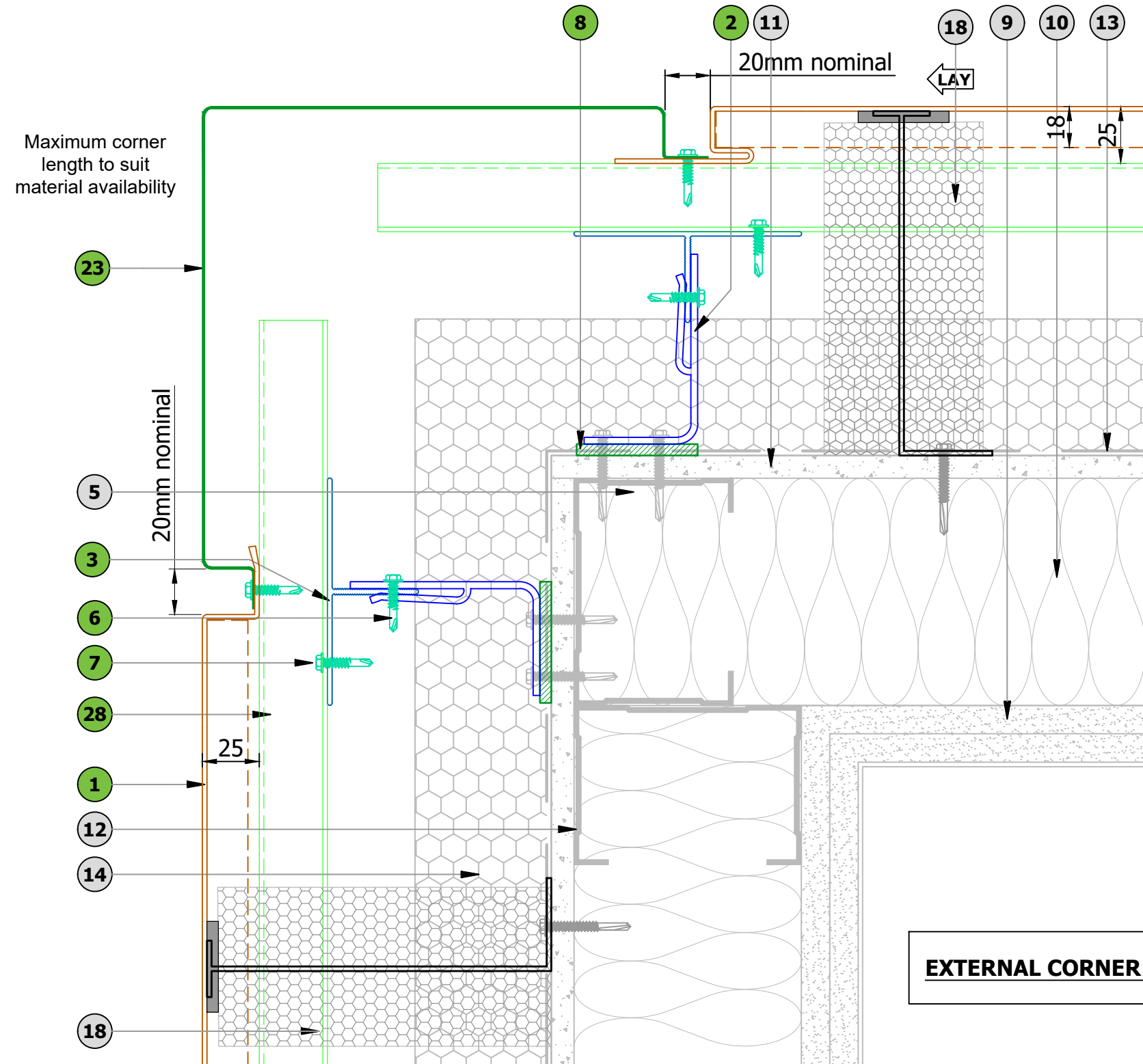
LEGEND	
a	PSP Panel thickness - 24mm
b	Ventilated cavity (British standard - 25mm, NHBC - 38mm (baffled joints) and 50mm (open joints)
c	Insulation by others (must be Part B Compliant)
d	CP board by others - thickness established by project specification
e	SFS by others - depth established by project specification
f	Internal finishes by others

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

A	Product Re-Branding	17.06.19
Rev	Details	Date
PSP SYSTEM - MATRIX IPV		
 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 IPV Standard Details	
Title: External Corner Panel Detail (Plan View)		
Drawn by: SB	Date: 26.04.21	Scale: 1:2 @ A3
Drwg. No.:	Status:	Approved
PSP-MIPV-P04	Revision:	A

DO NOT SCALE

IF IN DOUBT - ASK



LEGEND:

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

STANDARD MATRIX-IP & IPV VERTICAL & HORIZONTAL JOINTS ARE 20mm

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.


EXTERNAL CORNER FLASHING DETAIL

LEGEND

a	PSP Panel thickness - 24mm
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

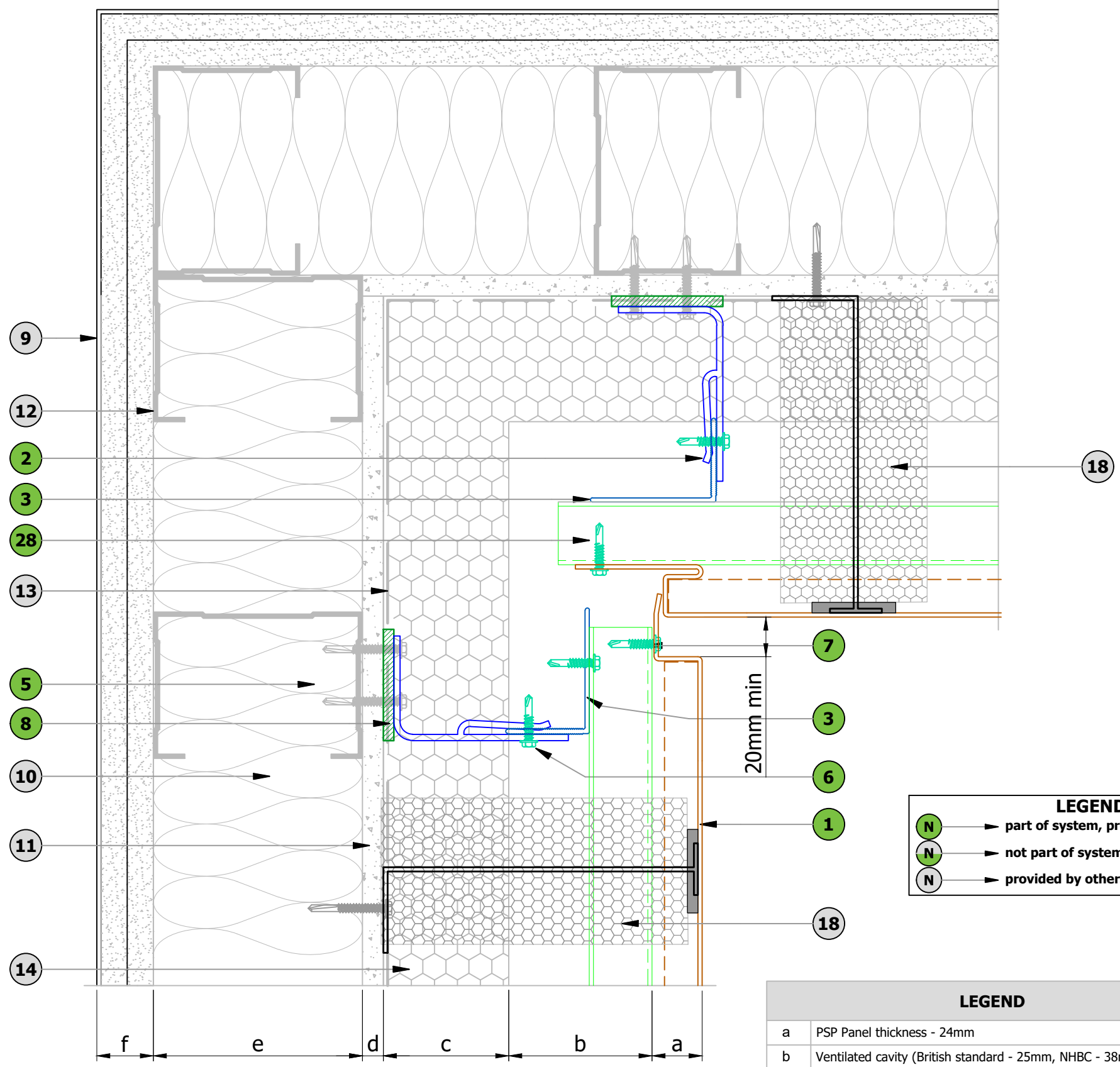
PARTS LIST

1	Panel - Zinc/Aluminium/Steel skin - 1.2 - 2mm thk max
2	Aluminium carrier bracket, 3mm thick
3	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
4	Optional Colour matched cover trim
5	Stainless steel fixing (TBC)
6	JT4-4-4.8x19 Stainless steel fixing
7	JT4-6-5.5x22 A14 Stainless steel fixing
8	Optional PVC thermal break, 5mm
9	Internal boards by others
10	Insulation by others
11	Cement particle board by others
12	SFS support structure by others
13	Breather membrane by others
14	Additional rigid sheet insulation if required by others
15	'Top hat' profile (optional)
16	Fixing bracket
17	Aluminium flashing (Jamb/Head/Coping/Drip)
18	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
19	EPDM by others
20	Corner support angle (factory assembled)
21	Weather seal by others
22	Adjacent Window / Door Profile
23	Internal / External corner flashing
25	Support Angle
26	Optional Ventilation profile / insect mesh
27	Removable panel (replacement procedure ref to PSP-MIPV-S10)
28	Aluminium 'Z' Rail

A	Product Re-Branding	17.06.19
Rev	Details	Date
PSP SYSTEM - MATRIX IPV		
 <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@pspu.com www.pspuk.com</p>		Client: P.S.P.
		Project: Matrix IPV Standard Details
Title: External Corner Flashing Detail (Plan View)		Scale: 1:2 @ A3
Drawn by: SB	Date: 213.17	Status: Approved
Drwg. No.:	PSP-MIPV-P05	Revision: A

DO NOT SCALE

IF IN DOUBT - ASK




PARTS LIST	
1	Panel - Zinc/Aluminium/Steel skin - 1.2 - 2mm thk max
2	Aluminium carrier bracket, 3mm thick
3	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
4	Optional Colour matched cover trim
5	Stainless steel fixing (TBC)
6	JT4-4-4.8x19 Stainless steel fixing
7	JT4-6-5.5x22 A14 Stainless steel fixing
8	Optional PVC thermal break, 5mm
9	Internal boards by others
10	Insulation by others
11	Cement particle board by others
12	SFS support structure by others
13	Breather membrane by others
14	Additional rigid sheet insulation if required by others
15	'Top hat' profile (optional)
16	Fixing bracket
17	Aluminium flashing (Jamb/Head/Coping/Drip)
18	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
19	EPDM by others
20	Corner support angle (factory assembled)
21	Weather seal by others
22	Adjacent Window / Door Profile
23	Internal / External corner flashing
25	Support Angle
26	Optional Ventilation profile / insect mesh
27	Removable panel (replacement procedure ref to PSP-MIPV-S10)
28	Aluminium 'Z' Rail

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

LEGEND	
a	PSP Panel thickness - 24mm
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	17.06.19
Rev	Details	Date

PSP SYSTEM - MATRIX IPV



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

Client:
P.S.P.

Project:
Matrix IPV Standard Details

Title:
Internal Corner Detail (Plan View)

Drawn by: SB	Date: 26.04.21	Scale: 1:2 @ A3
Drwg. No.:	Status:	Approved:
PSP-MIPV-P06	Revision:	A

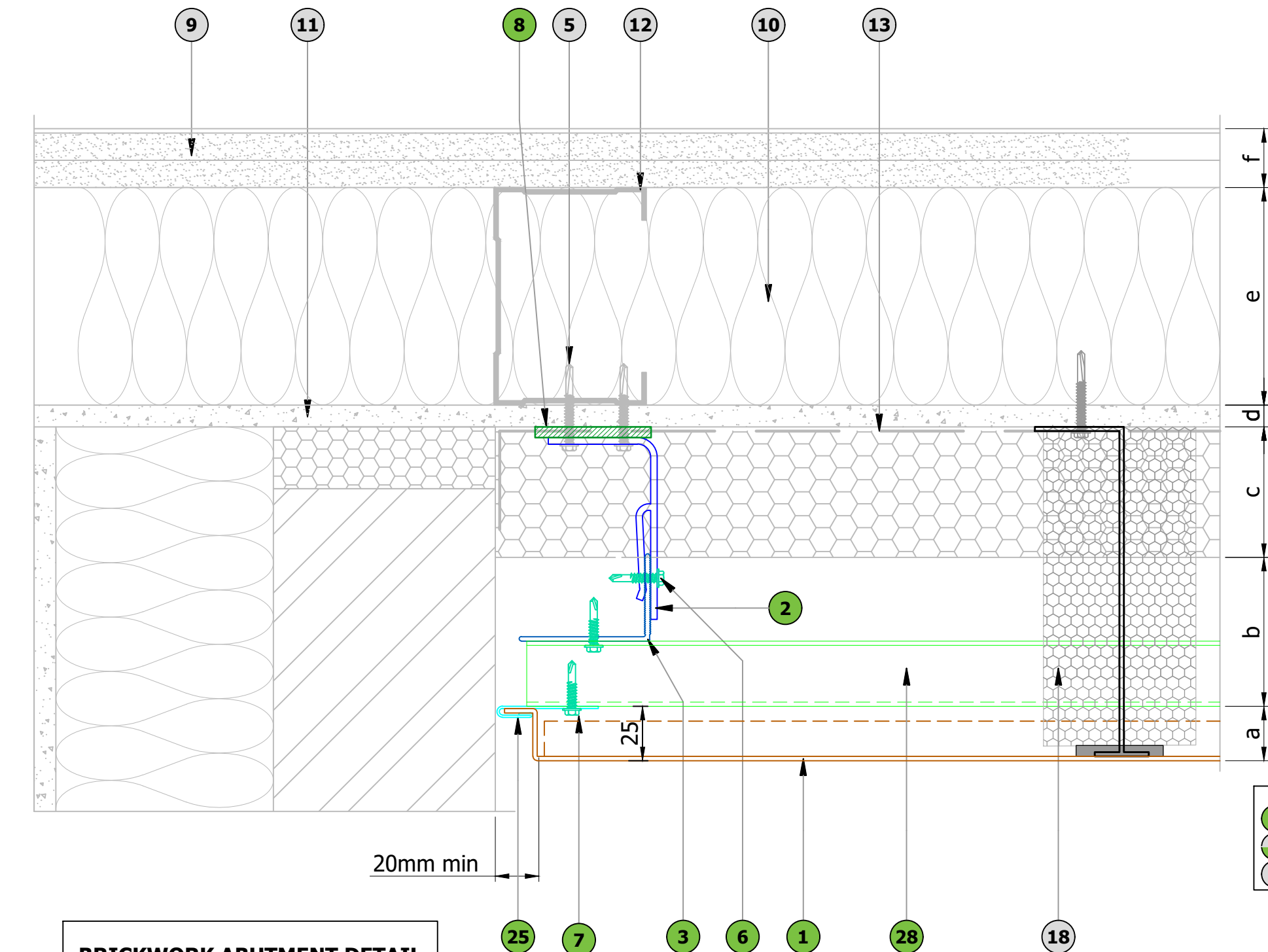
STANDARD MATRIX-IP & IPV VERTICAL & HORIZONTAL JOINTS ARE 20mm

INTERNAL CORNER 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.

DO NOT SCALE

IF IN DOUBT - ASK



BRICKWORK ABUTMENT DETAIL

STANDARD MATRIX-IP & IPV VERTICAL & HORIZONTAL JOINTS ARE 20mm

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.

PARTS LIST	
1	Panel - Zinc/Aluminium/Steel skin - 1.2mm thk max
2	Aluminium carrier bracket, 3mm thick
3	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
4	Optional Colour matched cover trim
5	Stainless steel fixing (TBC)
6	JT4-4-4.8x19 Stainless steel fixing
7	JT4-6-5.5x22 A14 Stainless steel fixing
8	Optional PVC thermal break, 5mm
9	Internal boards by others
10	Insulation by others
11	Cement particle board by others
12	SFS support structure by others
13	Breather membrane by others
14	Additional rigid sheet insulation if required by others
15	'Top hat' profile (optional)
16	Fixing bracket
17	Aluminium flashing (Jamb/Head/Coping/Drip)
18	Fire / Smoke Barrier and fittings by others
19	EPDM by others
20	Corner support angle (factory assembled)
21	Weather seal by others
22	Adjacent Window / Door Profile
23	Internal / External corner flashing
24	Stainless Steel Fixing Clip
25	Support Angle / Starter Clip
26	Optional Ventilation profile / insect mesh
27	Removable panel (replacement procedure ref to PSP-MIPV-S10)
28	Aluminium 'Z' Rail


LEGEND:

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

LEGEND	
a	PSP Panel thickness - 24mm
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

B	Starter Clip Detail Amended	18.03.21
A	Product Re-Branding	17.06.19
Rev	Details	Date

PSP SYSTEM - MATRIX IPV



Unit 11
All Saints Industrial Estate
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Tel: 00 44 (0) 1388 770490
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www.pspuk.com

Client:
P.S.P.

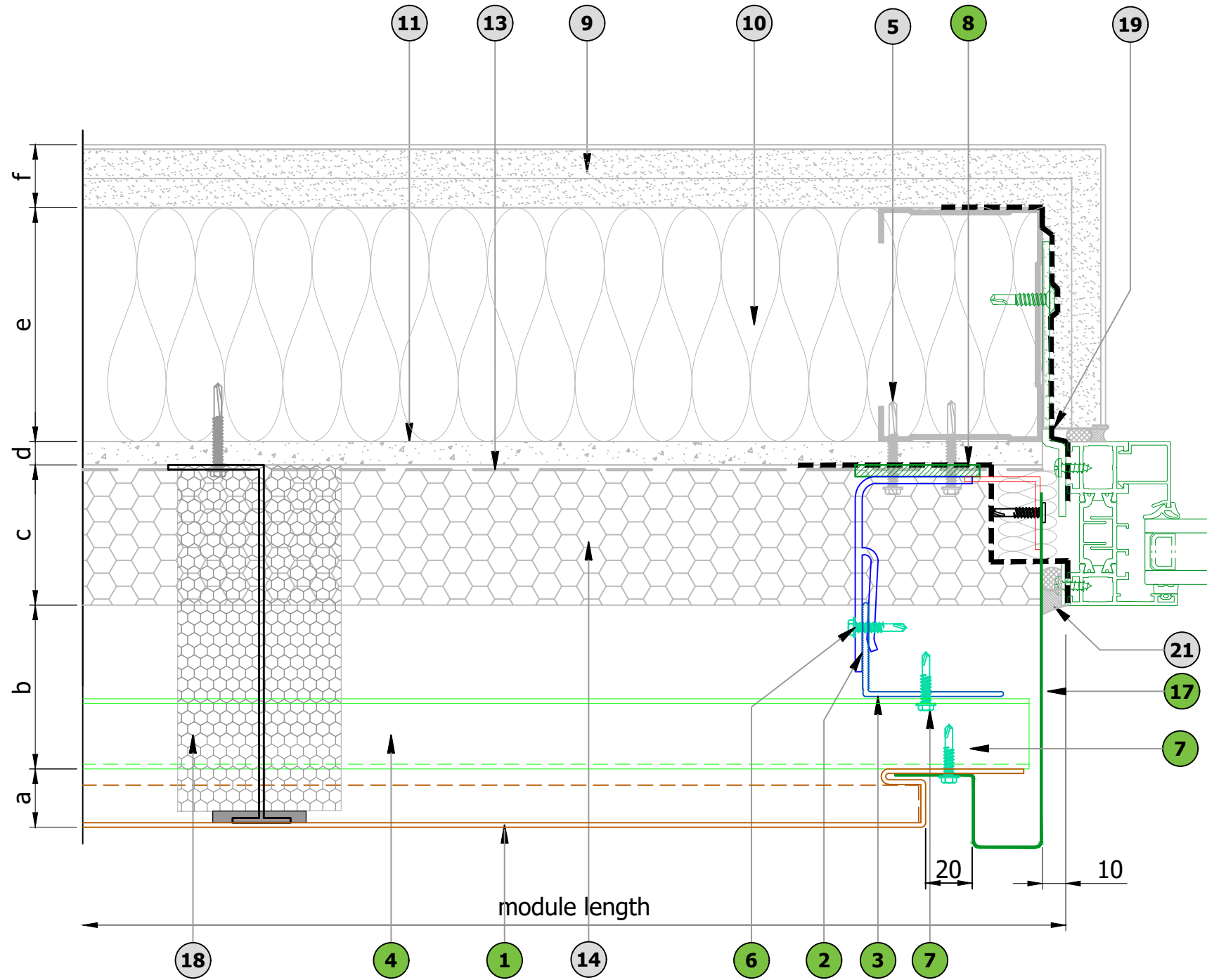
Project:
Matrix IPV Standard Details

Title:
Brickwork Abutment Detail (Plan View)

Drawn by:	Date:	Scale:
SB	26.04.21	1:2 @ A3
Drwg. No.:	Status:	Approved
PSP-MIPV-P07	Revision:	B

DO NOT SCALE

IF IN DOUBT - ASK



PARTS LIST

1	Panel - Zinc/Aluminium/Steel skin - 1.2 - 2mm thk max
2	Aluminium carrier bracket, 3mm thick
3	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
4	Optional Colour matched cover trim
5	Stainless steel fixing (TBC)
6	JT4-4-4.8x19 Stainless steel fixing
7	JT4-6-5.5x22 A14 Stainless steel fixing
8	Optional PVC thermal break, 5mm
9	Internal boards by others
10	Insulation by others
11	Cement particle board by others
12	SFS support structure by others
13	Breather membrane by others
14	Additional rigid sheet insulation if required by others
15	'Top hat' profile (optional)
16	Fixing bracket
17	Aluminium flashing (Jamb/Head/Coping/Drip)
18	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
19	EPDM by others
20	Corner support angle (factory assembled)
21	Weather seal by others
22	Adjacent Window / Door Profile
23	Internal / External corner flashing
25	Support Angle
26	Optional Ventilation profile / insect mesh
27	Removable panel (replacement procedure ref to PSP-MIPV-S10)
28	Aluminium 'Z' Rail

LEGEND:

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


WINDOW JAMB DETAIL

STANDARD MATRIX-IP & IPV VERTICAL & HORIZONTAL JOINTS ARE 20mm

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.

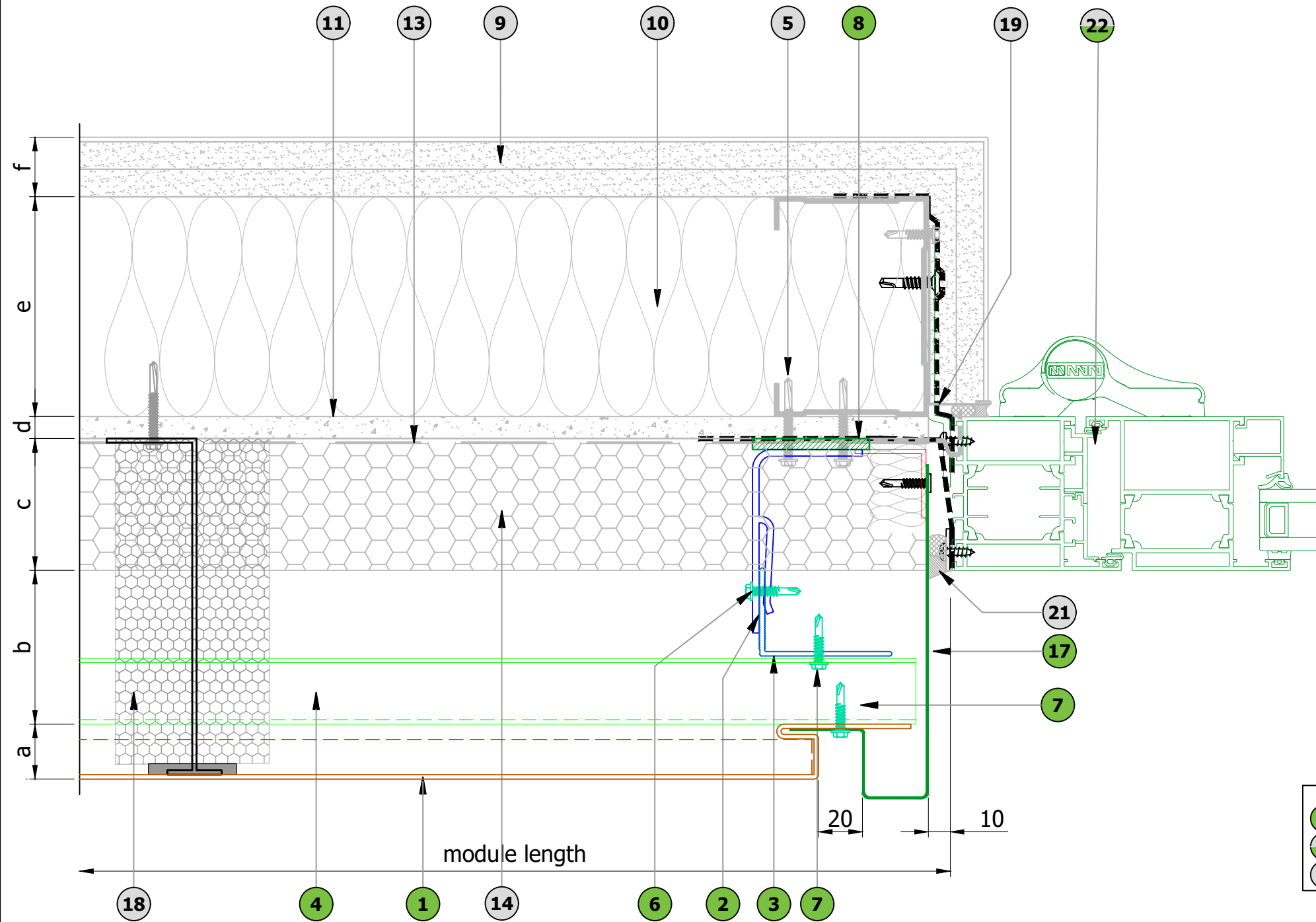
LEGEND

a	PSP Panel thickness - 24mm
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	17.06.19
Rev	Details	Date
PSP SYSTEM - MATRIX IP		
 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 IPV Standard Details	
	Title: Window Jamb Detail (Plan View)	
	Drawn by: SB	Date: 26.04.21
Drwg. No.:	Status:	Approved
PSP-MIPV-P08	Revision:	A

DO NOT SCALE

IF IN DOUBT - ASK



PARTS LIST

1	Panel - Zinc/Aluminium/Steel skin - 1.2 - 2mm thk max
2	Aluminium carrier bracket, 3mm thick
3	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
4	Optional Colour matched cover trim
5	Stainless steel fixing (TBC)
6	JT4-4-4.8x19 Stainless steel fixing
7	JT4-6-5.5x22 A14 Stainless steel fixing
8	Optional PVC thermal break, 5mm
9	Internal boards by others
10	Insulation by others
11	Cement particle board by others
12	SFS support structure by others
13	Breather membrane by others
14	Additional rigid sheet insulation if required by others
15	'Top hat' profile (optional)
16	Fixing bracket
17	Aluminium flashing (Jamb/Head/Coping/Drip)
18	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
19	EPDM by others
20	Corner support angle (factory assembled)
21	Weather seal by others
22	Adjacent Window / Door Profile
23	Internal / External corner flashing
25	Support Angle
26	Optional Ventilation profile / insect mesh
27	Removable panel (replacement procedure ref to PSP-MIPV-S10)
28	Aluminium 'Z' Rail

LEGEND:

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


DOOR JAMB DETAIL

STANDARD MATRIX-IP & IPV VERTICAL & HORIZONTAL JOINTS ARE 20mm

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.

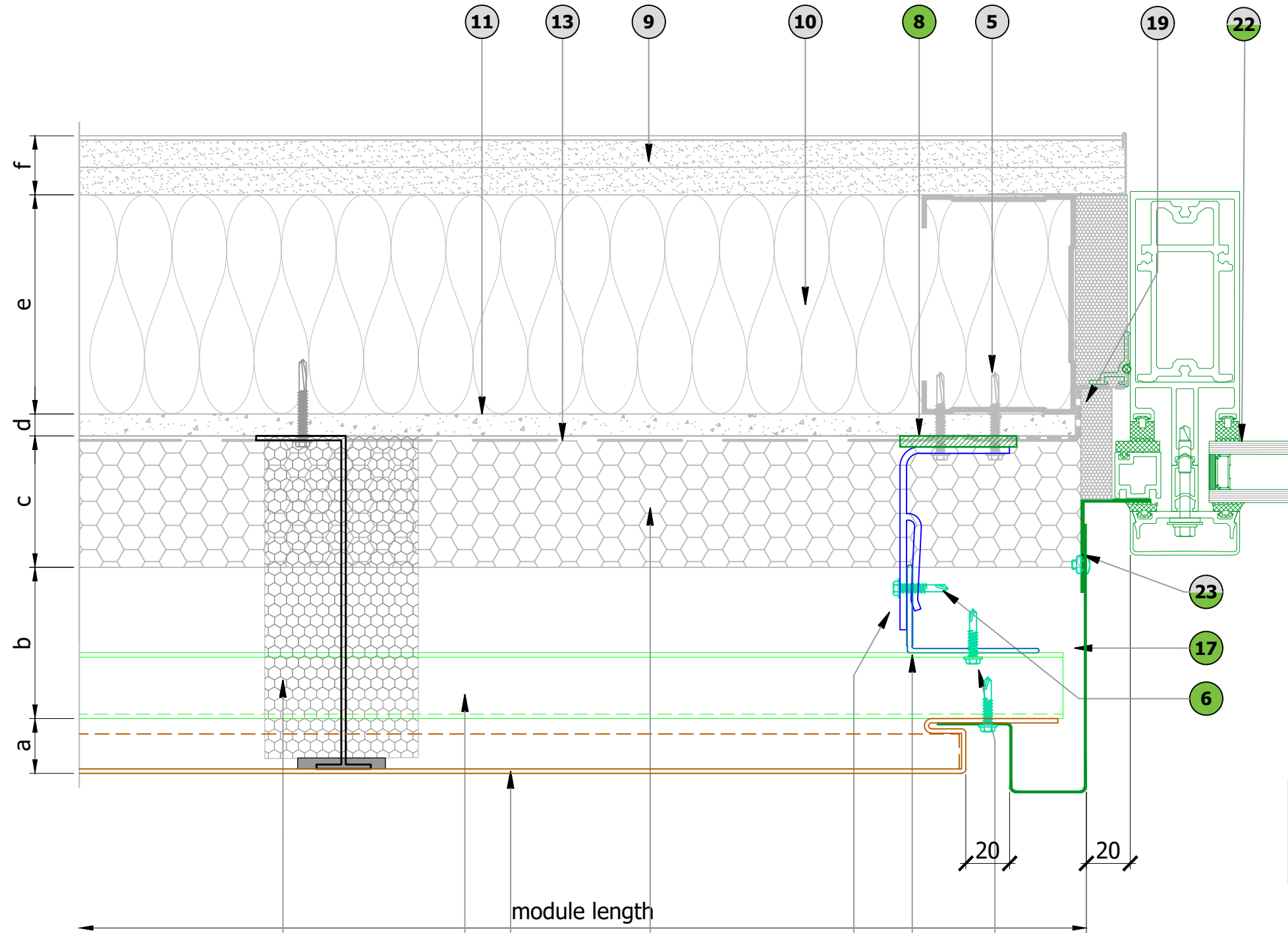
LEGEND

a	PSP Panel thickness - 24mm
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	17.06.19
Rev	Details	Date
PSP SYSTEM - MATRIX IPV		
 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 IPV Standard Details	
Title: Door Jamb Detail (Plan View)		
Drawn by: SB	Date: 26.04.21	Scale: 1:2 @ A3
Drwg. No.: PSP-MIPV-P09	Status: Approved	Revision: A

DO NOT SCALE

IF IN DOUBT - ASK



PARTS LIST

1	Panel - Zinc/Aluminium/Steel skin - 1.2 - 2mm thk max
2	Aluminium carrier bracket, 3mm thick
3	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
4	Optional Colour matched cover trim
5	Stainless steel fixing (TBC)
6	JT4-4-4.8x19 Stainless steel fixing
7	JT4-6-5.5x22 A14 Stainless steel fixing
8	Optional PVC thermal break, 5mm
9	Internal boards by others
10	Insulation by others
11	Cement particle board by others
12	SFS support structure by others
13	Breather membrane by others
14	Additional rigid sheet insulation if required by others
15	'Top hat' profile (optional)
16	Fixing bracket
17	Aluminium flashing (Jamb/Head/Coping/Drip)
18	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
19	EPDM by others
20	Corner support angle (factory assembled)
21	Weather seal by others
22	Adjacent Window / Door Profile
23	Internal / External corner flashing
25	Support Angle
26	Optional Ventilation profile / insect mesh
27	Removable panel (replacement procedure ref to PSP-MIPV-S10)
28	Aluminium 'Z' Rail

LEGEND:

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

CURTAIN WALL JAMB DETAIL

STANDARD MATRIX-IP & IPV VERTICAL & HORIZONTAL JOINTS ARE 20mm

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.

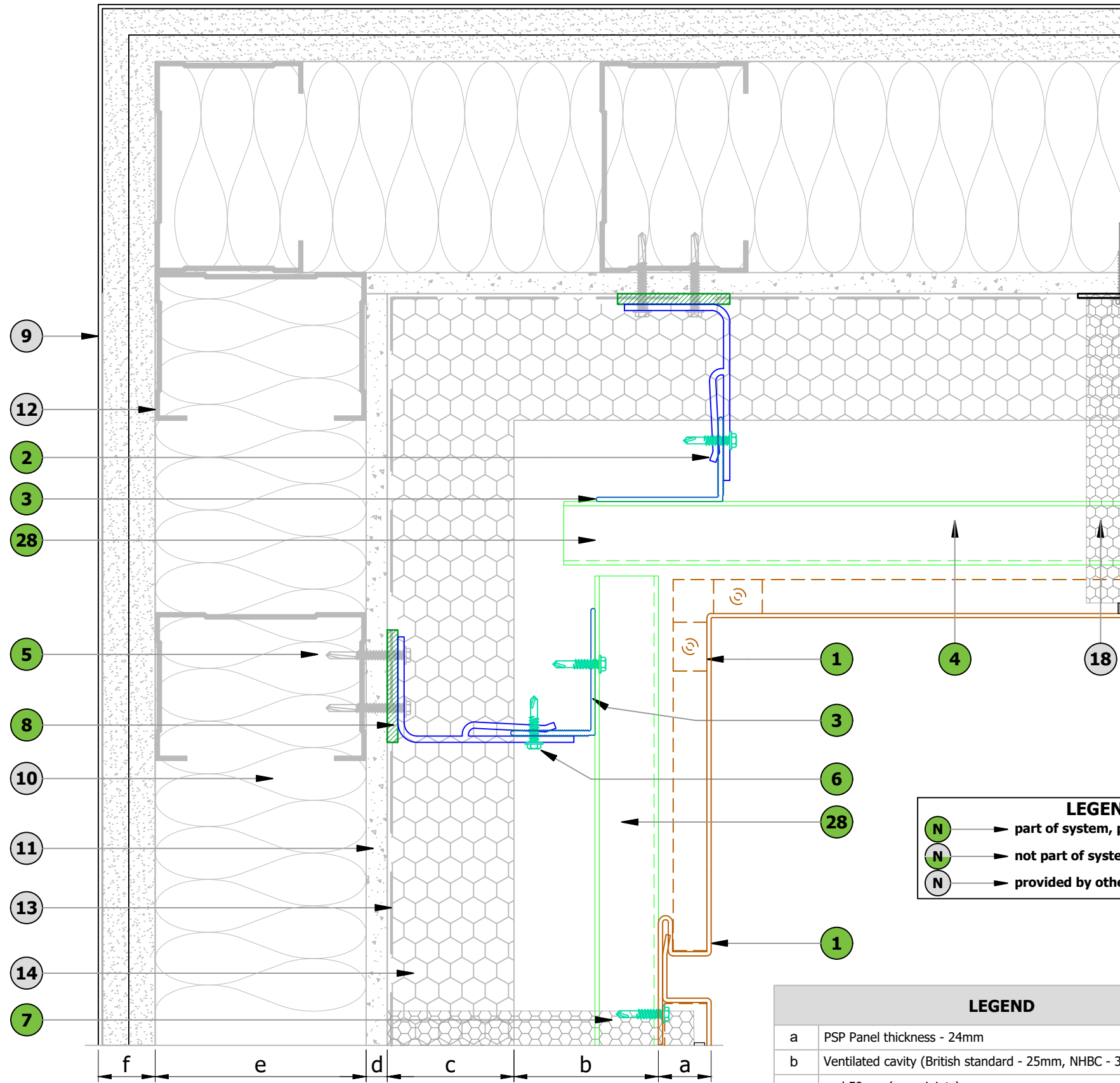
LEGEND

a	PSP Panel thickness - 24mm
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	17.06.19
Rev	Details	Date
PSP SYSTEM - MATRIX IPV		
 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 IPV Standard Details	
	Title: Curtain Walling Jamb Detail (Plan View)	
	Drawn by: SB	Date: 26.04.21
Drwg. No.:	Status:	Approved
PSP-MIPV-P10	Revision:	A

DO NOT SCALE

IF IN DOUBT - ASK



PARTS LIST	
1	Panel - Zinc/Aluminium/Steel skin - 1.2 - 2mm thk max
2	Aluminium carrier bracket, 3mm thick
3	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
4	Optional Colour matched cover trim
5	Stainless steel fixing (TBC)
6	JT4-4-4.8x19 Stainless steel fixing
7	JT4-6-5.5x22 A14 Stainless steel fixing
8	Optional PVC thermal break, 5mm
9	Internal boards by others
10	Insulation by others
11	Cement particle board by others
12	SFS support structure by others
13	Breather membrane by others
14	Additional rigid sheet insulation if required by others
15	'Top hat' profile (optional)
16	Fixing bracket
17	Aluminium flashing (Jamb/Head/Coping/Drip)
18	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
19	EPDM by others
20	Corner support angle (factory assembled)
21	Weather seal by others
22	Adjacent Window / Door Profile
23	Internal / External corner flashing
25	Support Angle
26	Optional Ventilation profile / insect mesh
27	Removable panel (replacement procedure ref to PSP-MIPV-S10)
28	Aluminium 'Z' Rail

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

LEGEND	
a	PSP Panel thickness - 24mm
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

STANDARD MATRIX-IP & IPV VERTICAL & HORIZONTAL JOINTS ARE 20mm

INTERNAL CORNER 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.

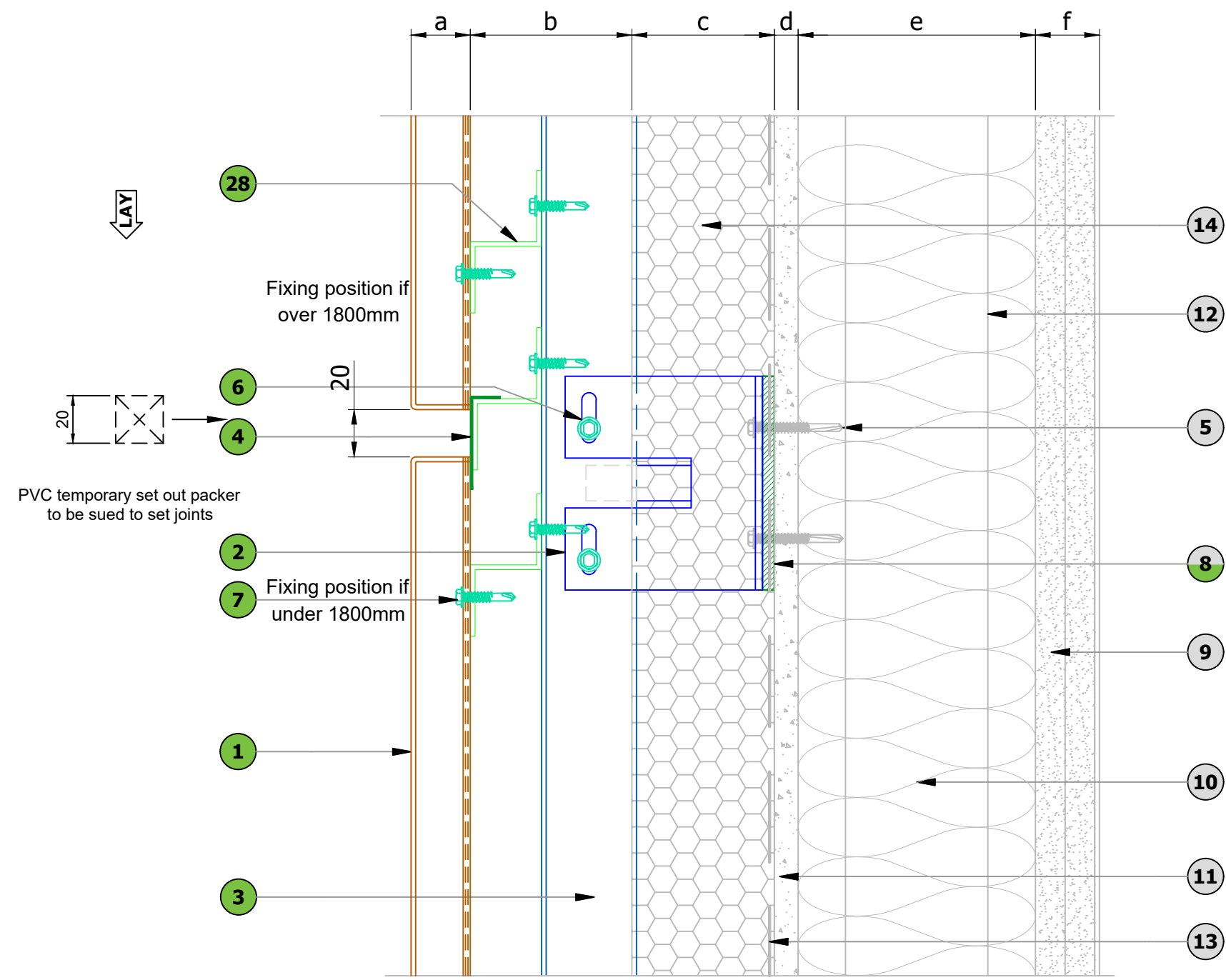
A	Product Re-Branding	17.06.19
Rev	Details	Date
PSP SYSTEM - MATRIX IPV		
<p>Unit 11 All Saints Industrial Estate Shildon County Durham DL4 2RD Tel: 00 44 (0) 1388 770490 Fax: 00 44 (0) 1388 778068 Email: design@pspuk.com www.pspuk.com</p>		Client: P.S.P.
		Project: Matrix IPV Standard Details
		Title: Internal Corner Detail (Alternative Option) (Plan View)
Drawn by: SB	Date: 26.04.21	Scale: 1:2 @ A3
Drwg. No.:	Status:	Approved
PSP-MIPV-P11	Revision:	A

DO NOT SCALE

IF IN DOUBT - ASK

PARTS LIST

1	Panel - Zinc/Aluminium/Steel skin - 1.2 - 2mm thk max
2	Aluminium carrier bracket, 3mm thick
3	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
4	Optional Colour matched cover trim
5	Stainless steel fixing (TBC)
6	JT4-4-4.8x19 Stainless steel fixing
7	JT4-6-5.5x22 A14 Stainless steel fixing
8	Optional PVC thermal break, 5mm
9	Internal boards by others
10	Insulation by others
11	Cement particle board by others
12	SFS support structure by others
13	Breather membrane by others
14	Additional rigid sheet insulation if required by others
15	'Top hat' profile (optional)
16	Fixing bracket
17	Aluminium flashing (Jamb/Head/Coping/Drip)
18	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
19	EPDM by others
20	Corner support angle (factory assembled)
21	Weather seal by others
22	Adjacent Window / Door Profile
23	Internal / External corner flashing
25	Support Angle
26	Optional Ventilation profile / insect mesh
27	Removable panel (replacement procedure ref to PSP-MIPV-S10)
28	Aluminium 'Z' Rail



LEGEND:

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


HORIZONTAL PANEL JOINT DETAIL

LEGEND

a	PSP Panel thickness - 24mm
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

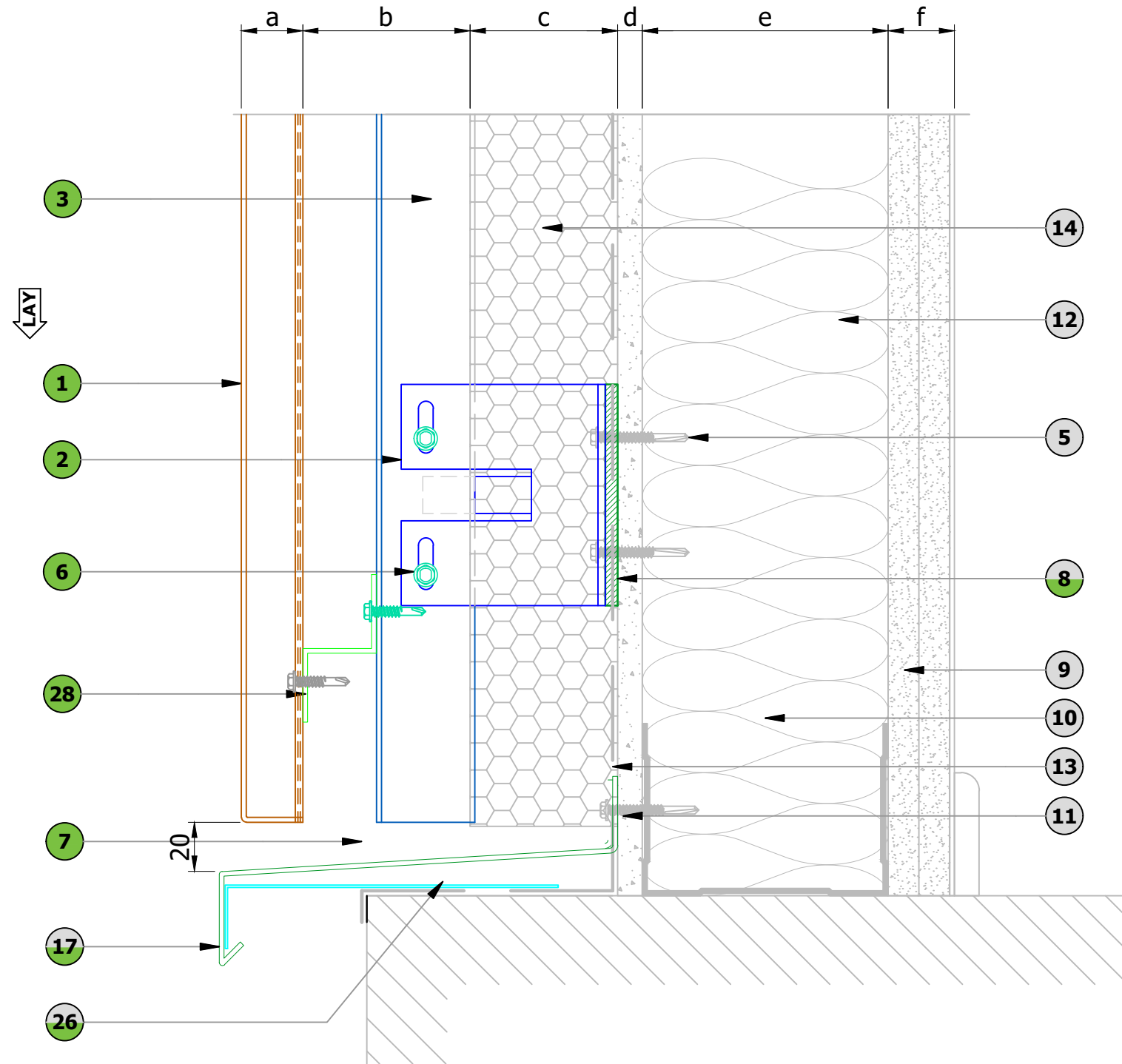
STANDARD MATRIX-IP & IPV VERTICAL & HORIZONTAL JOINTS ARE 20mm

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	17.06.19
Rev	Details	Date
PSP SYSTEM - MATRIX IPV		
		Client: P.S.P. Project: Matrix IPV Standard Details Title: Horizontal Panel Joint Detail (Sectional View)
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	Drawn by: SB Date: 26.04.21 Scale: 1:2 @ A3	Status: Approved Revision: A
Drwg. No.: PSP-MIPV-S01		Status: Approved Revision: A

DO NOT SCALE

IF IN DOUBT - ASK



PARTS LIST	
1	Panel - Zinc/Aluminium/Steel skin - 1.2 - 2mm thk max
2	Aluminium carrier bracket, 3mm thick
3	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
4	Optional Colour matched cover trim
5	Stainless steel fixing (TBC)
6	JT4-4-4.8x19 Stainless steel fixing
7	JT4-6-5.5x22 A14 Stainless steel fixing
8	Optional PVC thermal break, 5mm
9	Internal boards by others
10	Insulation by others
11	Cement particle board by others
12	SFS support structure by others
13	Breather membrane by others
14	Additional rigid sheet insulation if required by others
15	'Top hat' profile (optional)
16	Fixing bracket
17	Aluminium flashing (Jamb/Head/Coping/Drip)
18	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
19	EPDM by others
20	Corner support angle (factory assembled)
21	Weather seal by others
22	Adjacent Window / Door Profile
23	Internal / External corner flashing
25	Support Angle
26	Optional Ventilation profile / insect mesh
27	Removable panel (replacement procedure ref to PSP-MIPV-S10)
28	Aluminium 'Z' Rail

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

BASE DRIP DETAIL

LEGEND	
a	PSP Panel thickness - 24mm
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

STANDARD MATRIX-IP & IPV VERTICAL & HORIZONTAL JOINTS ARE 20mm

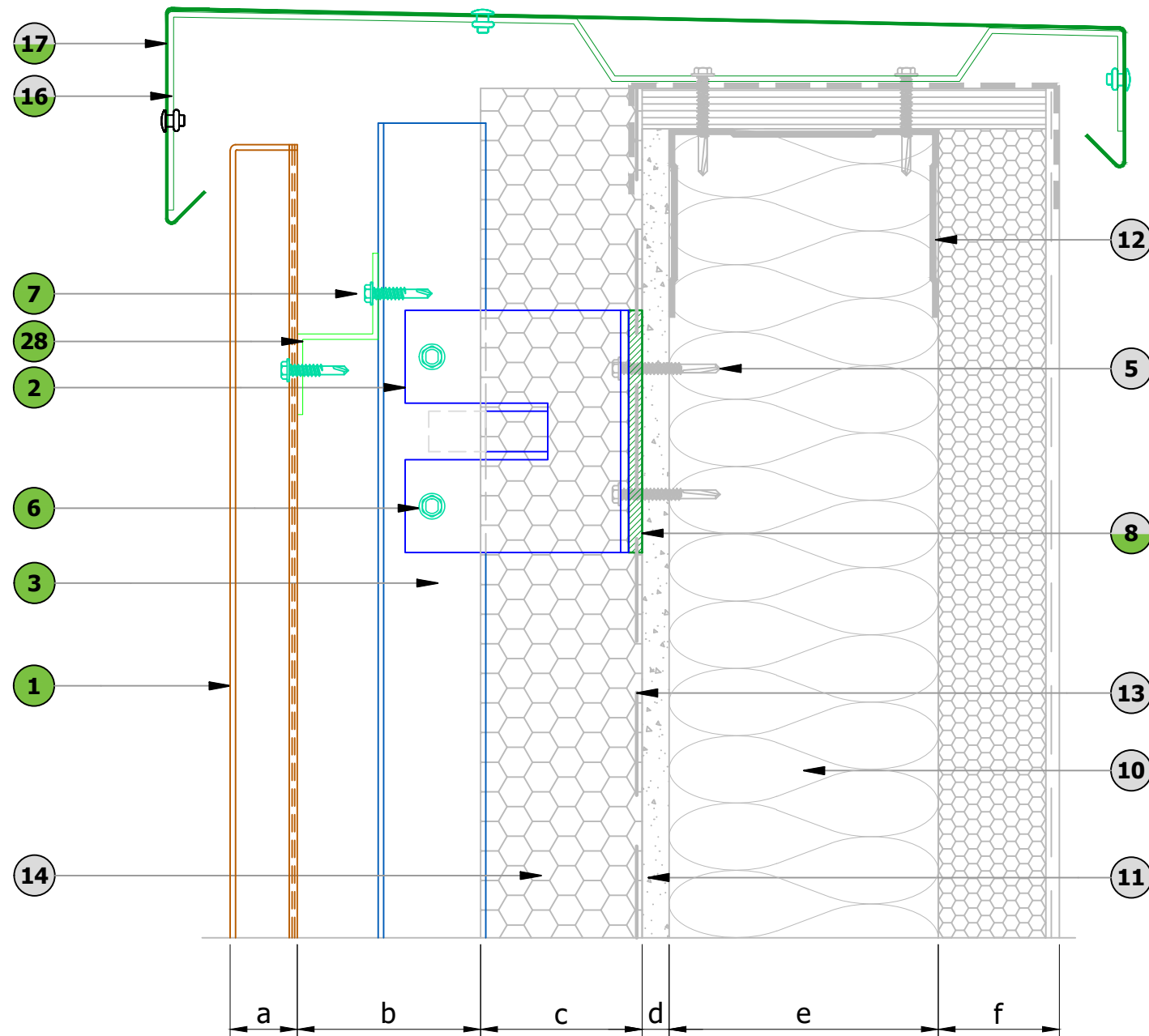
Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

A	Product Re-Branding	17.06.19
Rev	Details	Date
PSP SYSTEM - MATRIX IPV		
<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@pspu.com www.pspuk.com</p>		Client: P.S.P.
		Project: Matrix IPV Standard Details
		Title: Base Drip Detail (Sectional View)
Drawn by: SB	Date: 26.04.21	Scale: 1:2 @ A3
Drwg. No.:	Status:	Approved
PSP-MIPV-S02	Revision:	A

DO NOT SCALE

IF IN DOUBT - ASK

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



PARTS LIST	
1	Panel - Zinc/Aluminium/Steel skin - 1.2 - 2mm thk max
2	Aluminium carrier bracket, 3mm thick
3	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
4	Optional Colour matched cover trim
5	Stainless steel fixing (TBC)
6	JT4-4-4.8x19 Stainless steel fixing
7	JT4-6-5.5x22 A14 Stainless steel fixing
8	Optional PVC thermal break, 5mm
9	Internal boards by others
10	Insulation by others
11	Cement particle board by others
12	SFS support structure by others
13	Breather membrane by others
14	Additional rigid sheet insulation if required by others
15	'Top hat' profile (optional)
16	Fixing bracket
17	Aluminium flashing (Jamb/Head/Coping/Drip)
18	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
19	EPDM by others
20	Corner support angle (factory assembled)
21	Weather seal by others
22	Adjacent Window / Door Profile
23	Internal / External corner flashing
25	Support Angle
26	Optional Ventilation profile / insect mesh
27	Removable panel (replacement procedure ref to PSP-MIPV-S10)
28	Aluminium 'Z' Rail

COPING FLASHING DETAIL

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

STANDARD MATRIX-IP & IPV VERTICAL & HORIZONTAL JOINTS ARE 20mm

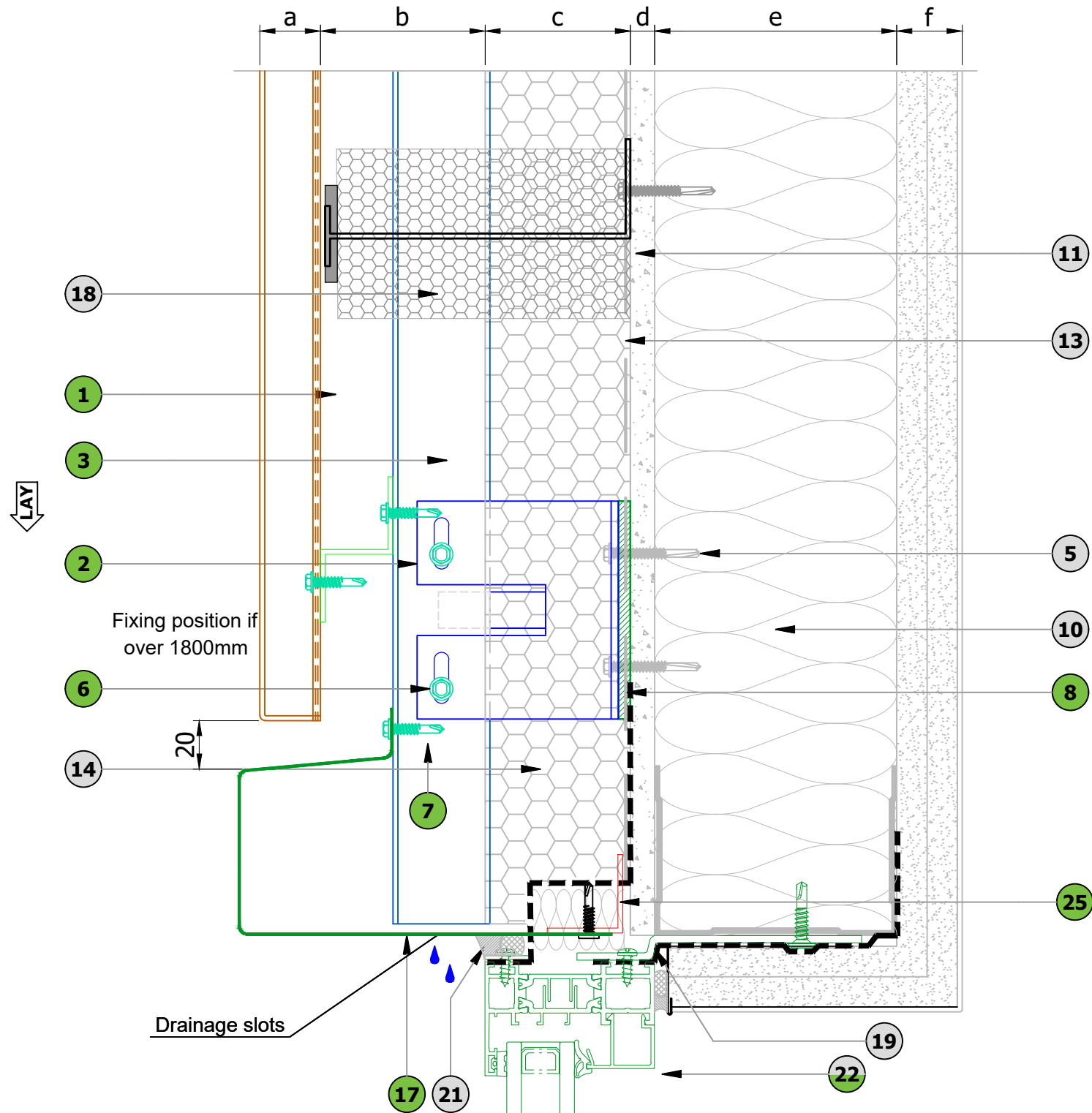
Details are for indicative purposes only, it is the responsibility of the installer / designer to ensure the specification compliance for each project, PSP will not be held responsible for any project non conformities.

LEGEND	
a	PSP Panel thickness - 24mm
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	17.06.19
Rev	Details	Date
PSP SYSTEM - MATRIX IPV		
<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 IPV Standard Details
		Title: Coping Flashing Detail (Sectional View)
Drawn by: SB	Date: 26.04.21	Scale: 1:2 @ A3
Drwg. No.:	Status:	Approved
PSP-MIPV-S03	Revision:	A

DO NOT SCALE

IF IN DOUBT - ASK



PARTS LIST	
1	Panel - Zinc/Aluminium/Steel skin - 1.2 - 2mm thk max
2	Aluminium carrier bracket, 3mm thick
3	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
4	Optional Colour matched cover trim
5	Stainless steel fixing (TBC)
6	JT4-4-4.8x19 Stainless steel fixing
7	JT4-6-5.5x22 A14 Stainless steel fixing
8	Optional PVC thermal break, 5mm
9	Internal boards by others
10	Insulation by others
11	Cement particle board by others
12	SFS support structure by others
13	Breather membrane by others
14	Additional rigid sheet insulation if required by others
15	'Top hat' profile (optional)
16	Fixing bracket
17	Aluminium flashing (Jamb/Head/Coping/Drip)
18	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
19	EPDM by others
20	Corner support angle (factory assembled)
21	Weather seal by others
22	Adjacent Window / Door Profile
23	Internal / External corner flashing
25	Support Angle
26	Optional Ventilation profile / insect mesh
27	Removable panel (replacement procedure ref to PSP-MIPV-S10)
28	Aluminium 'Z' Rail

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

WINDOW HEAD DETAIL

LEGEND	
a	PSP Panel thickness - 24mm
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

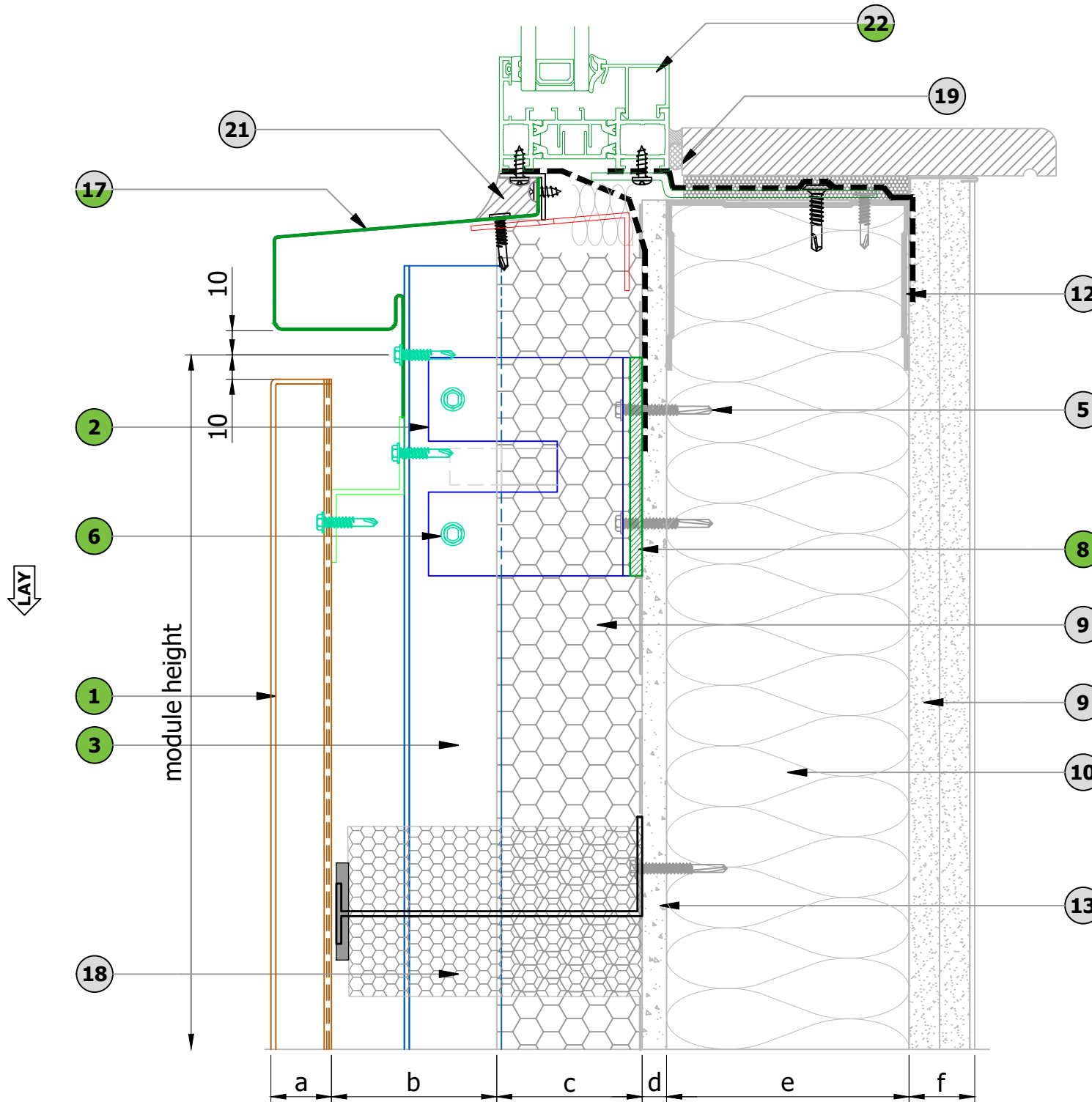
STANDARD MATRIX-IP & IPV VERTICAL & HORIZONTAL JOINTS ARE 20mm

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	17.06.19
Rev	Details	Date
PSP SYSTEM - MATRIX IPV		
<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@pspu.com www.pspuk.com</p>		Client: P.S.P.
		Project: Matrix IPV Standard Details
		Title: Window Head Detail (Sectional View)
Drawn by: SB	Date: 26.04.21	Scale: 1:2 @ A3
Drwg. No.:	Status:	Approved
PSP-MIPV-S04	Revision:	A

DO NOT SCALE

IF IN DOUBT - ASK



PARTS LIST	
1	Panel - Zinc/Aluminium/Steel skin - 1.2 - 2mm thk max
2	Aluminium carrier bracket, 3mm thick
3	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
4	Optional Colour matched cover trim
5	Stainless steel fixing (TBC)
6	JT4-4-4.8x19 Stainless steel fixing
7	JT4-6-5.5x22 A14 Stainless steel fixing
8	Optional PVC thermal break, 5mm
9	Internal boards by others
10	Insulation by others
11	Cement particle board by others
12	SFS support structure by others
13	Breather membrane by others
14	Additional rigid sheet insulation if required by others
15	'Top hat' profile (optional)
16	Fixing bracket
17	Aluminium flashing (Jamb/Head/Coping/Drip)
18	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
19	EPDM by others
20	Corner support angle (factory assembled)
21	Weather seal by others
22	Adjacent Window / Door Profile
23	Internal / External corner flashing
25	Support Angle
26	Optional Ventilation profile / insect mesh
27	Removable panel (replacement procedure ref to PSP-MIPV-S10)
28	Aluminium 'Z' Rail

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

WINDOW CILL DETAIL

LEGEND	
a	PSP Panel thickness - 24mm
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

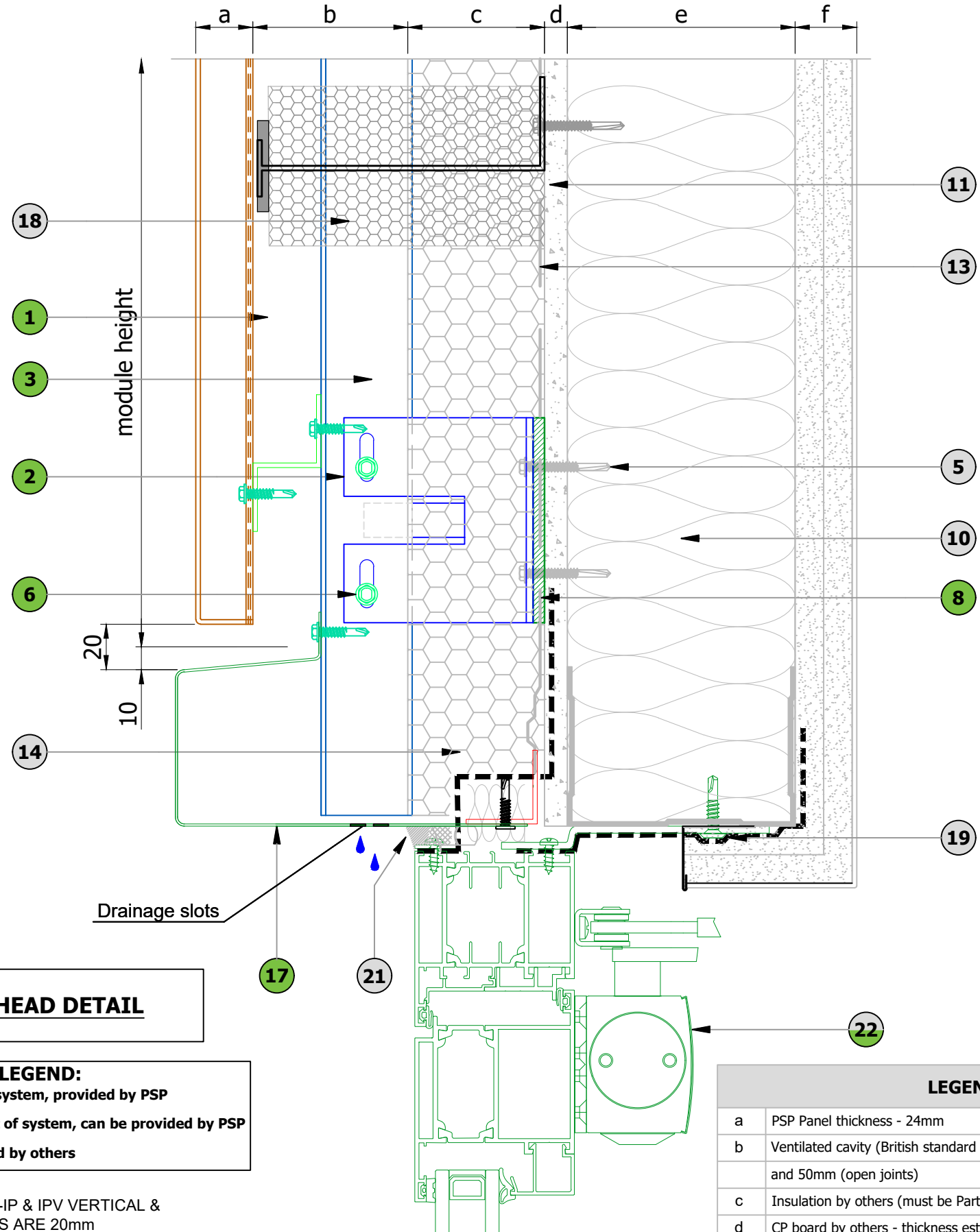
STANDARD MATRIX-IP & IPV VERTICAL & HORIZONTAL JOINTS ARE 20mm

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	17.06.19
Rev	Details	Date
PSP SYSTEM - MATRIX IPV		
<p>Unit 11 All Saints Industrial Estate Shildon County Durham DL4 2RD Tel: 00 44 (0) 1388 770490 Fax: 00 44 (0) 1388 778088 Email: design@pspuk.com www.pspuk.com</p>		Client: P.S.P.
		Project: Matrix IPV Standard Details
		Title: Window Base Detail (Sectional View)
Drawn by: SB	Date: 26.04.21	Scale: 1:2 @ A3
Drwg. No.:	Status:	Approved
PSP-MIPV-S05	Revision:	A

DO NOT SCALE

IF IN DOUBT - ASK



DOOR HEAD DETAIL


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

STANDARD MATRIX-IP & IPV VERTICAL & HORIZONTAL JOINTS ARE 20mm

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.

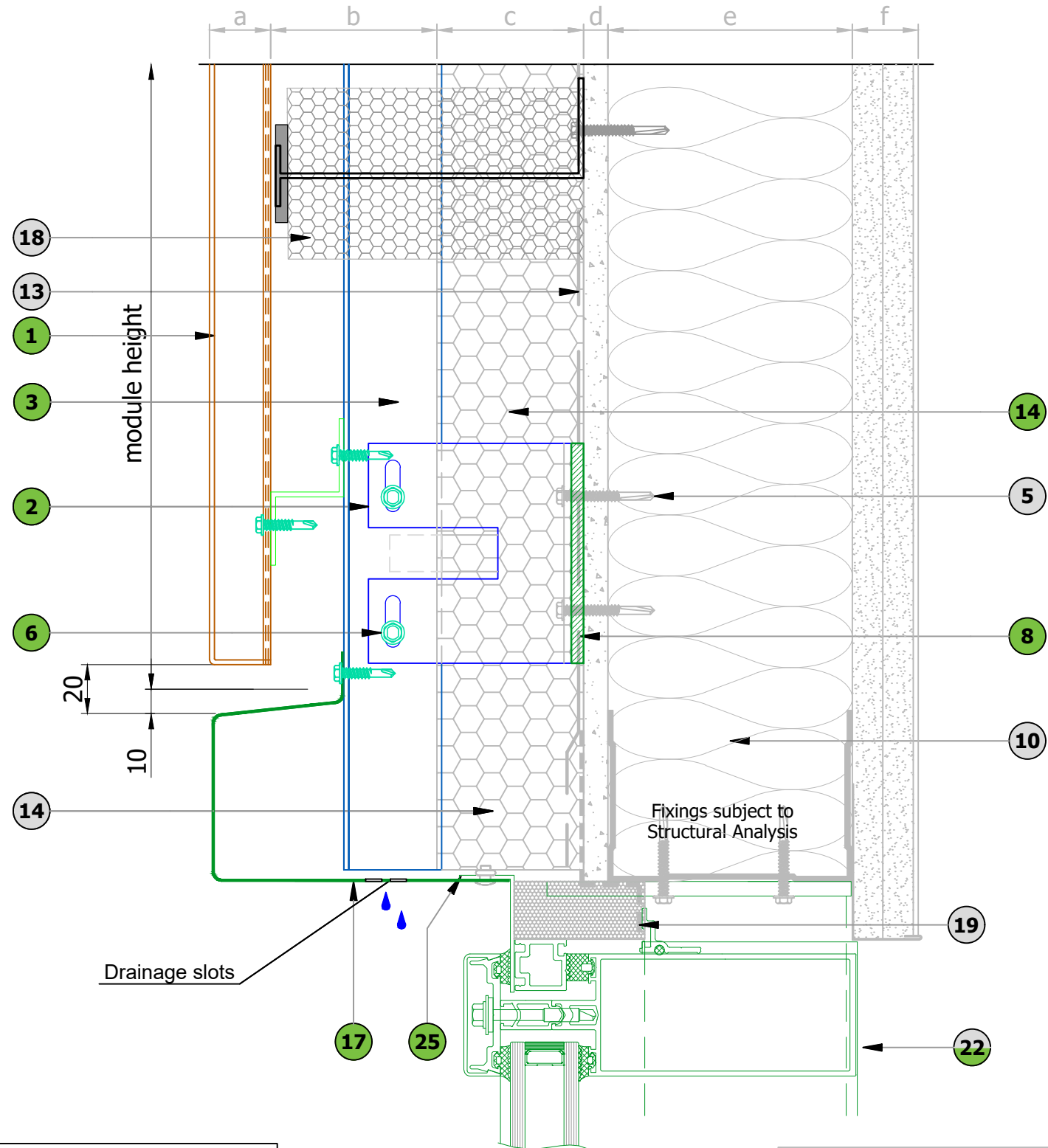
LEGEND	
a	PSP Panel thickness - 24mm
b	Ventilated cavity (British standard - 25mm, NHBC - 38mm (baffled joints) and 50mm (open joints))
c	Insulation by others (must be Part B Compliant)
d	CP board by others - thickness established by project specification
e	SFS by others - depth established by project specification
f	Internal finishes by others

PARTS LIST	
1	Panel - Zinc/Aluminium/Steel skin - 1.2 - 2mm thk max
2	Aluminium carrier bracket, 3mm thick
3	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
4	Optional Colour matched cover trim
5	Stainless steel fixing (TBC)
6	JT4-4-4.8x19 Stainless steel fixing
7	JT4-6-5.5x22 A14 Stainless steel fixing
8	Optional PVC thermal break, 5mm
9	Internal boards by others
10	Insulation by others
11	Cement particle board by others
12	SFS support structure by others
13	Breather membrane by others
14	Additional rigid sheet insulation if required by others
15	'Top hat' profile (optional)
16	Fixing bracket
17	Aluminium flashing (Jamb/Head/Coping/Drip)
18	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
19	EPDM by others
20	Corner support angle (factory assembled)
21	Weather seal by others
22	Adjacent Window / Door Profile
23	Internal / External corner flashing
25	Support Angle
26	Optional Ventilation profile / insect mesh
27	Removable panel (replacement procedure ref to PSP-MIPV-S10)
28	Aluminium 'Z' Rail

A	Product Re-Branding	17.06.19
Rev	Details	Date
PSP SYSTEM - MATRIX IPV		
 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 IPV Standard Details
Title: Door Head Detail (Sectional View)		Scale: 1:2 @ A3
Drawn by: SB	Date: 26.04.21	Status: Approved
Drwg. No.: PSP-MIPV-S06	Revision: A	

DO NOT SCALE

IF IN DOUBT - ASK



PARTS LIST	
1	Panel - Zinc/Aluminium/Steel skin - 1.2 - 2mm thk max
2	Aluminium carrier bracket, 3mm thick
3	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
4	Optional Colour matched cover trim
5	Stainless steel fixing (TBC)
6	JT4-4-4.8x19 Stainless steel fixing
7	JT4-6-5.5x22 A14 Stainless steel fixing
8	Optional PVC thermal break, 5mm
9	Internal boards by others
10	Insulation by others
11	Cement particle board by others
12	SFS support structure by others
13	Breather membrane by others
14	Additional rigid sheet insulation if required by others
15	'Top hat' profile (optional)
16	Fixing bracket
17	Aluminium flashing (Jamb/Head/Coping/Drip)
18	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
19	EPDM by others
20	Corner support angle (factory assembled)
21	Weather seal by others
22	Adjacent Window / Door Profile
23	Internal / External corner flashing
25	Support Angle
26	Optional Ventilation profile / insect mesh
27	Removable panel (replacement procedure ref to PSP-MIPV-S10)
28	Aluminium 'Z' Rail

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

CURTAIN WALL HEAD DETAIL

LEGEND	
a	PSP Panel thickness - 24mm
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

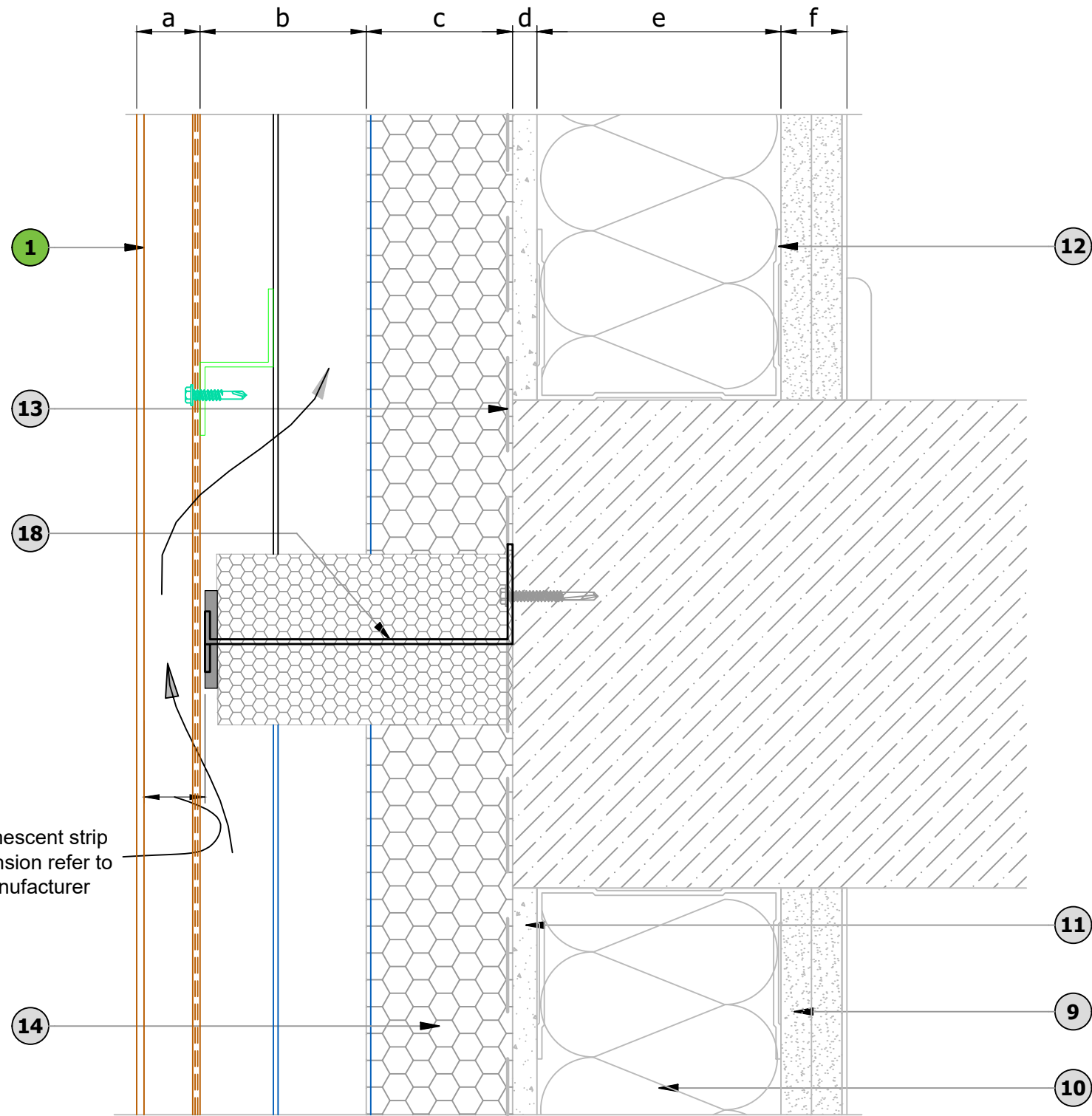
STANDARD MATRIX-IP & IPV VERTICAL & HORIZONTAL JOINTS ARE 20mm

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	17.06.19
Rev	Details	Date
PSP SYSTEM - MATRIX IPV		
<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@pspuke.com www.pspuk.com</p>		Client: P.S.P.
		Project: Matrix IPV Standard Details
		Title: Curtain Walling Head Detail (Sectional View)
Drawn by: SB	Date: 26.04.21	Scale: 1:2 @ A3
Drwg. No.:	Status:	Approved
PSP-MIPV-S07	Revision:	A

DO NOT SCALE

IF IN DOUBT - ASK



LEGEND:

N (Green circle)	part of system, provided by PSP
N (Green circle)	not part of system, can be provided by PSP
N (Grey circle)	provided by others

STANDARD MATRIX-IP & IPV VERTICAL & HORIZONTAL JOINTS ARE 20mm

FIRE BARRIERS 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.

LEGEND

a	PSP Panel thickness - 24mm
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

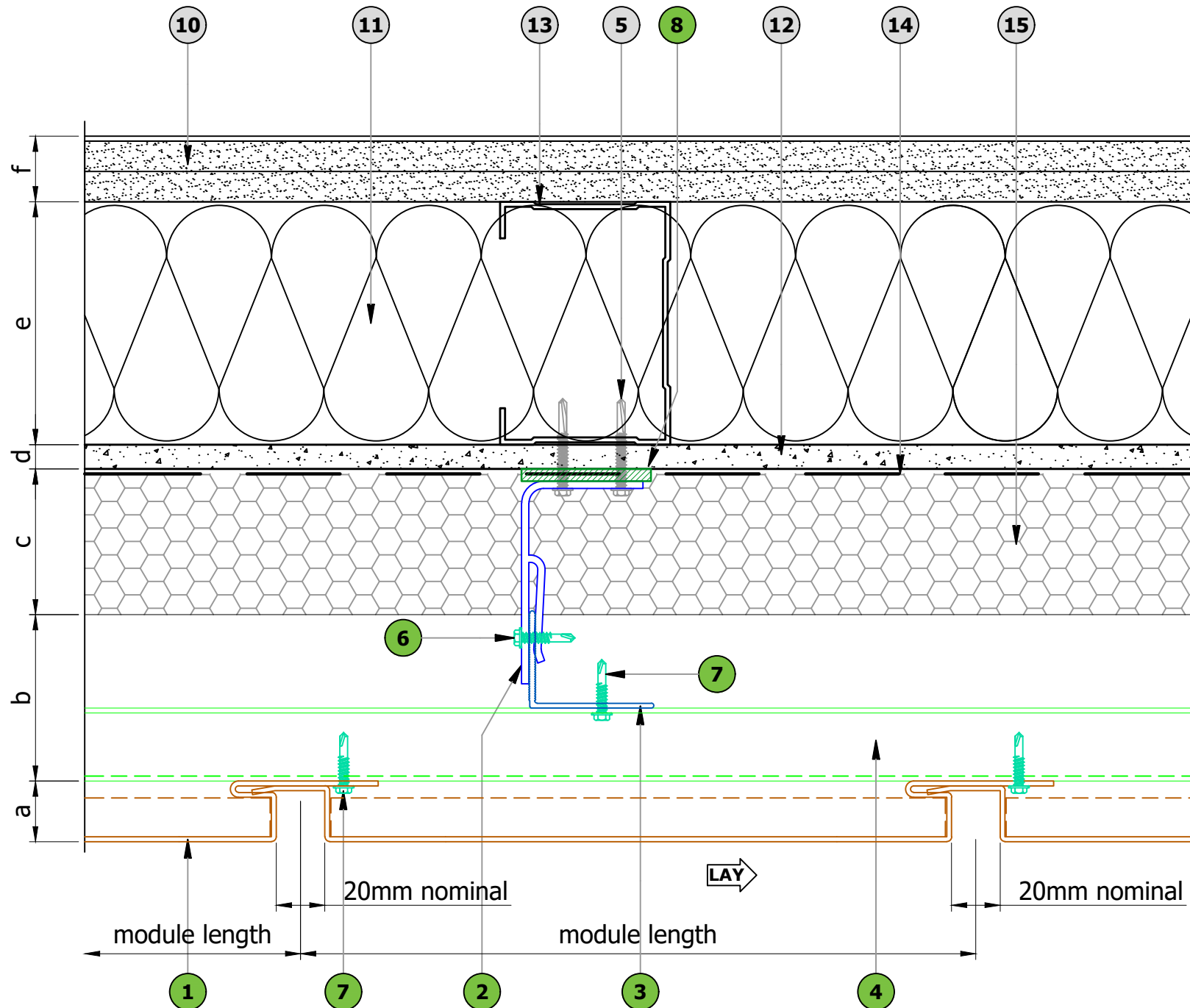
PARTS LIST

1	Panel - Zinc/Aluminium/Steel skin - 1.2 - 2mm thk max
2	Aluminium carrier bracket, 3mm thick
3	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
4	Optional Colour matched cover trim
5	Stainless steel fixing (TBC)
6	JT4-4-4.8x19 Stainless steel fixing
7	JT4-6-5.5x22 A14 Stainless steel fixing
8	Optional PVC thermal break, 5mm
9	Internal boards by others
10	Insulation by others
11	Cement particle board by others
12	SFS support structure by others
13	Breather membrane by others
14	Additional rigid sheet insulation if required by others
15	'Top hat' profile (optional)
16	Fixing bracket
17	Aluminium flashing (Jamb/Head/Coping/Drip)
18	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
19	EPDM by others
20	Corner support angle (factory assembled)
21	Weather seal by others
22	Adjacent Window / Door Profile
23	Internal / External corner flashing
25	Support Angle
26	Optional Ventilation profile / insect mesh
27	Removable panel (replacement procedure ref to PSP-MIPV-S10)
28	Aluminium 'Z' Rail

A	Product Re-Branding	17.06.19
Rev	Details	Date
PSP SYSTEM - MATRIX IPV		
 <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 IPV Standard Details
		Title: Fire Barrier Detail (Sectional View)
Drawn by: SB	Date: 26.04.21	Scale: 1:2 @ A3
Drwg. No.:	Status:	Approved
PSP-MIPV-S08	Revision:	A

DO NOT SCALE

IF IN DOUBT - ASK



REMOVABLE PANEL HORIZONTAL JOINT DETAIL
Replacement procedure ref to PSP-MIPV-S10

LEGEND:

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

STANDARD MATRIX-IP & IPV VERTICAL & HORIZONTAL JOINTS ARE 20mm

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 - 24mm
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 - Zinc/Aluminium/Steel skin - 1.2 - 2mm thk max
2	Aluminium carrier bracket, 3mm thick
3	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
4	Optional Colour matched cover trim
5	Stainless steel fixing (TBC)
6	JT4-4-4.8x19 Stainless steel fixing
7	JT4-6-5.5x22 A14 Stainless steel fixing
8	Optional PVC thermal break, 5mm
9	Internal boards by others
10	Insulation by others
11	Cement particle board by others
12	SFS support structure by others
13	Breather membrane by others
14	Additional rigid sheet insulation if required by others
15	'Top hat' profile (optional)
16	Fixing bracket
17	Aluminium flashing (Jamb/Head/Coping/Drip)
18	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
19	EPDM by others
20	Corner support angle (factory assembled)
21	Weather seal by others
22	Adjacent Window / Door Profile
23	Internal / External corner flashing
25	Support Angle
26	Optional Ventilation profile / insect mesh
27	Removable panel (replacement procedure ref to PSP-MIPV-S10)
28	Aluminium 'Z' Rail

A	Product Re-Branding	17.06.19
Rev	Details	Date

PSP SYSTEM - MATRIX IPV



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 IPV Standard Details

Title:
Removal Panel Joint Detail (Sectional View)

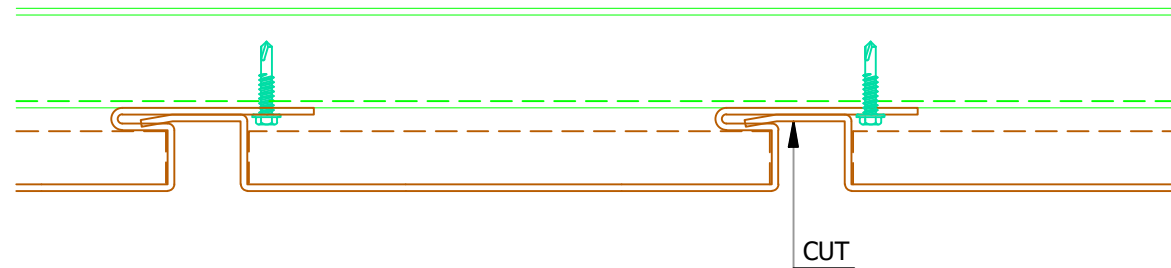
Drawn by: **SB** Date: **26.04.21** Scale: **1:2 @ A3**

Drwg. No.: **PSP-MIPV-S09** Status: **Approved** Revision: **A**

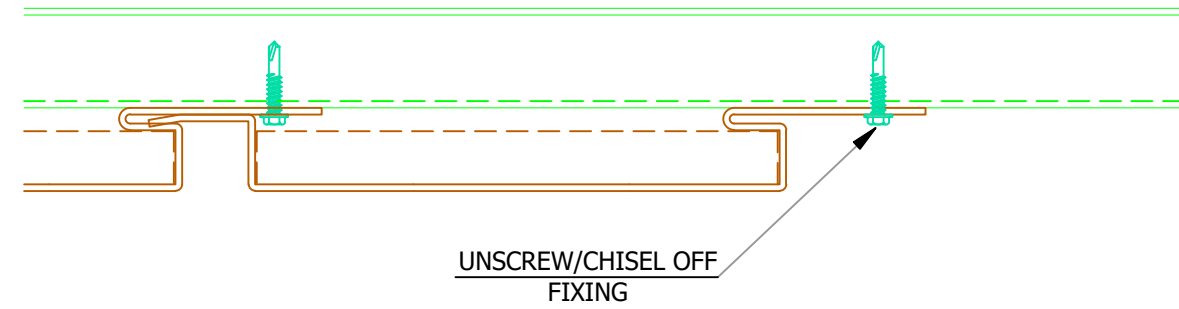
DO NOT SCALE

IF IN DOUBT - ASK

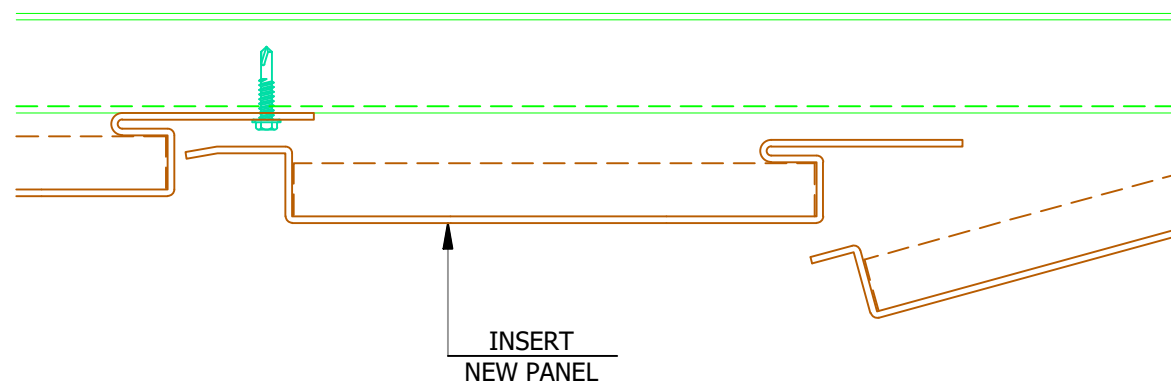
STEP 1



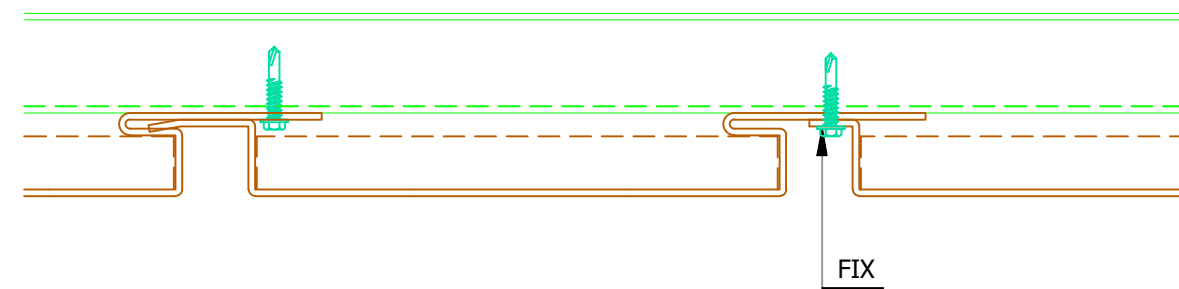
STEP 2



STEP 3



STEP 4




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

PROCEDURE

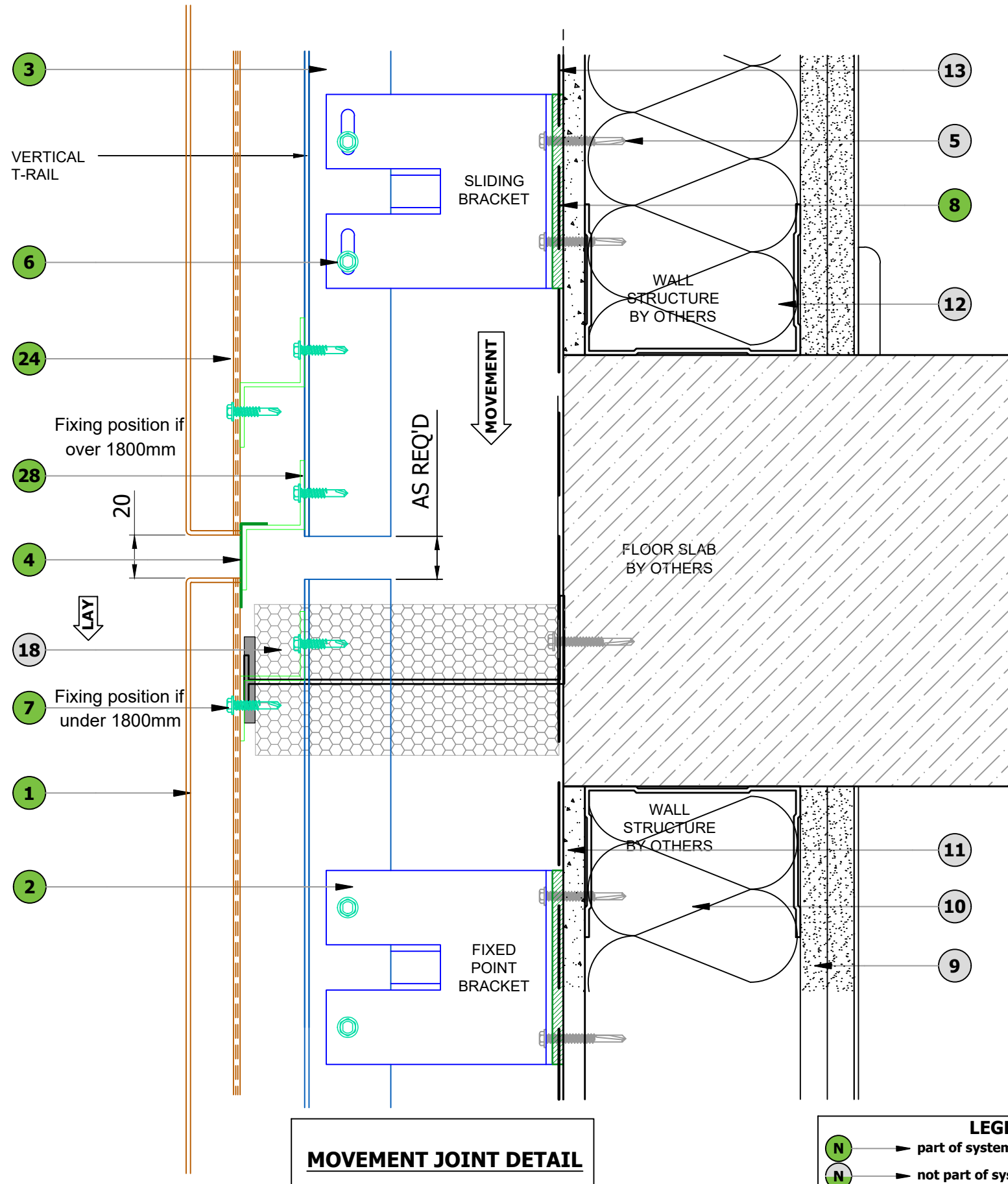
(THIS DRAWING SHOWS HORIZONTALLY LAID PANELS.
FOR VERTICALLY LAID PANELS ROTATE 90°)

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	17.06.19
Rev	Details	Date
PSP SYSTEM - MATRIX IPV		
 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 IPV Standard Details
		Title: Replacement Panel Procedure
Drawn by: SB	Date: 26.04.21	Scale: 1:2 @ A3
Drwg. No.: PSP-MIPV-S10	Status: Approved	Revision: A

DO NOT SCALE

IF IN DOUBT - ASK




MOVEMENT JOINT DETAIL

LEGEND:

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

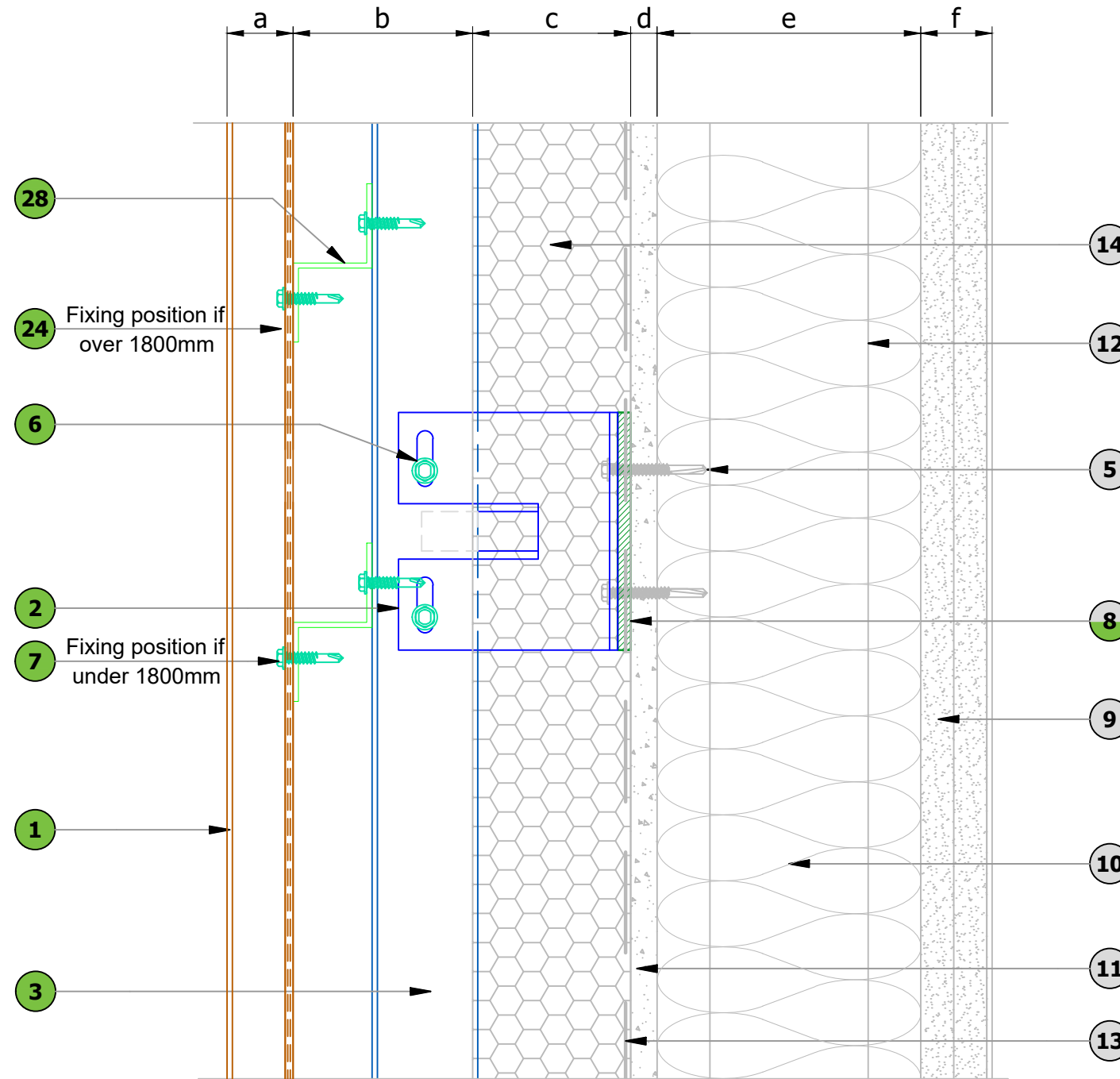
PARTS LIST	
1	Panel - Zinc/Aluminium/Steel skin - 1.2 - 2mm thk max
2	Aluminium carrier bracket, 3mm thick
3	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
4	Optional Colour matched cover trim
5	Stainless steel fixing (TBC)
6	JT4-4-4.8x19 Stainless steel fixing
7	JT4-6-5.5x22 A14 Stainless steel fixing
8	Optional PVC thermal break, 5mm
9	Internal boards by others
10	Insulation by others
11	Cement particle board by others
12	SFS support structure by others
13	Breather membrane by others
14	Additional rigid sheet insulation if required by others
15	'Top hat' profile (optional)
16	Fixing bracket
17	Aluminium flashing (Jamb/Head/Coping/Drip)
18	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
19	EPDM by others
20	Corner support angle (factory assembled)
21	Weather seal by others
22	Adjacent Window / Door Profile
23	Internal / External corner flashing
25	Support Angle
26	Optional Ventilation profile / insect mesh
27	Removable panel (replacement procedure ref to PSP-MIPV-S10)
28	Aluminium 'Z' Rail

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	17.06.19
Rev	Details	Date
PSP SYSTEM - MATRIX IPV		
 <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 IPV Standard Details
		Title: Typical Movement Joint Details
Drawn by: SB	Date: 26.04.21	Scale: 1:2 @ A3
Drwg. No.: PSP-MIPV-S11	Status: Approved	Revision: A

DO NOT SCALE

IF IN DOUBT - ASK



PARTS LIST	
1	Panel - Zinc/Aluminium/Steel skin - 1.2 - 2mm thk max
2	Aluminium carrier bracket, 3mm thick
3	Aluminium carrier T-rail, 100x40mm / L-rail, 60x40mm
4	Optional Colour matched cover trim
5	Stainless steel fixing (TBC)
6	JT4-4-4.8x19 Stainless steel fixing
7	JT4-6-5.5x22 A14 Stainless steel fixing
8	Optional PVC thermal break, 5mm
9	Internal boards by others
10	Insulation by others
11	Cement particle board by others
12	SFS support structure by others
13	Breather membrane by others
14	Additional rigid sheet insulation if required by others
15	'Top hat' profile (optional)
16	Fixing bracket
17	Aluminium flashing (Jamb/Head/Coping/Drip)
18	Fire / Smoke Barrier and Fittings (By Others) - Refer to Specialist
19	EPDM by others
20	Corner support angle (factory assembled)
21	Weather seal by others
22	Adjacent Window / Door Profile
23	Internal / External corner flashing
25	Support Angle
26	Optional Ventilation profile / insect mesh
27	Removable panel (replacement procedure ref to PSP-MIPV-S10)
28	Aluminium 'Z' Rail

HORIZONTAL MIDSPAN SUPPORT DETAIL

LEGEND:

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

STANDARD MATRIX-IP & IPV VERTICAL & HORIZONTAL JOINTS ARE 20mm


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 - 24mm
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	17.06.19
Rev	Details	Date

PSP SYSTEM - MATRIX IPV

 <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 IPV Standard Details	
Title: Horizontal Midspan Support Detail (Sectional View)		
Drawn by: SB	Date: 26.04.21	Scale: 1:2 @ A3
Drwg. No.: PSP-MIPV-S12	Status: Approved	Revision: A