

VistaPlus

Sliding Door



VistaPlus® Sliding Door

Technical Manual
April 2025 | ISSUE D

alspec®
EVERYTHING ALUMINIUM
& HARDWARE

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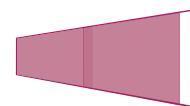
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1. Technical Manual Release Notes

This page is intended to record all changes to the **VistaPlus® Sliding Door** technical manual pages.

Changes or additions to this manual will be itemised with a brief description and date when the amendments were made.

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2. Technical Specifications

ALUMINIUM

Aluminium frames should be manufactured using Alspec's **VistaPlus® Sliding Door** framing system.

Maximum Panel Height: 3100mm*

Maximum Panel Width: 2300mm*

Maximum Panel Weight (2 Rollers): 200kg

Maximum Panel Weight (4 Rollers): 400kg

***Subject to site conditions, refer to 3.0 Loading Tables**

GLAZING

Single Glazed Panel: 6mm - 13.5mm

Double Glazed Panel: 24mm, 28mm and 32mm

Glazing wedges shall be Alspec's wedges and channels for **VistaPlus® Sliding Door** framing system to suit standard and captive glazing options, refer to glazing pages in Alspec Technical Manual. For window & door systems requiring a co-extruded captive gasket on the external side of the glazed pocket, Santoprene is the recommended material to be applied.

HARDWARE & ACCESSORIES

All hardware & accessories as per Alspec Technical Manual

FINISHES

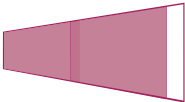
- All powder coated material shall be produced to AS3715.
- All anodised material shall be produced to AS1231

TESTING

Product shall have a test report to show compliance to AS2047.

All products are available from Alspec (A.B.N. 63 001 252 259) as detailed in the "Alspec" catalogue or on the Internet at www.alspec.com.au. All such framing is to be constructed, assembled and fixed to meet the requirement of AS2047 (windows in buildings), AS1170 (loading code). All glass, glazing rubbers, seals and gaskets shall be applied in accordance with the requirements of AS1288 (glass in buildings - selection and installation) or AS4666 (Insulated Glass Units).

Fabricators of the VistaPlus® Sliding Door framing system should seek certification by a consultant structural engineer as to the framing being acceptable for the design wind pressure and deflection characteristics required of the site.



3. Loading Tables

Loading Table Guide

The following pages contain wind pressure tables that may be used as a guide to the suitability of Alspec Aluminium Systems framing for various wind loads and frame sizes.

In most situations the Design Wind Pressure for a particular building should be available from the building designer or engineer.

Framing must be checked for suitability.

For a window / door frame, which is 2400mm high and 1000mm wide, refer to the table below;

Step 1: Locate the height

Step 2: Locate the width

Step 3: Determine the Maximum wind pressure based on the height and width.

SECTION PART NO.	Panel Height	Maximum Design Pressure (Pa)					
STEP 1 →	2850	S	1040	840	720	630	570
		U	2410	1960	1660	1460	1310
	2700	S	1230	1000	850	750	680
		U	2700	2190	1870	1640	1480
	2550	S	1460	1200	1020	910	830
		U	3040	2470	2210	1860	1690
	2400	S	1770	1450	1250	1010	
		U	3440	2810	2410	1940	
	2250	S	2160	1780	1530	1370	1270
		U	3940	3230	2780	2470	2270
	2100	S	2670	2210	1920	1730	1610
		U	4550	3750	3240	2900	2680
lxx = xxx x xxx mm4	Panel Width	800	1000	1200	1400	1600	

STEP 2

STEP 3

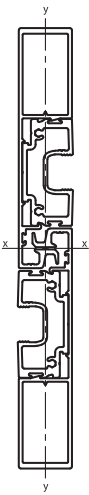
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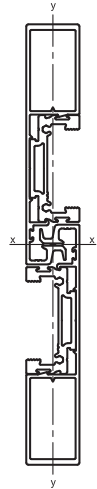
Med / Med Interlocks

Max Stress = 110Mpa

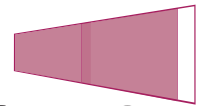
S = Serviceability limit state I/250

U = Ultimate limit state

SG MED/MED INTERLOCKS VPS012/VPS018 & VPS012/VPS018		Panel Height	Maximum Design Pressure (Pa)								
	3100	S	1550	1400	1280	1190	1120	1060	1010	970	960
		U	2780	2500	2290	2120	1980	1870	1780	1710	1680
	3000	S	1720	1550	1430	1330	1240	1180	1130	1090	1080
		U	2980	2690	2460	2280	2130	2020	1920	1850	1830
	2850	S	2020	1830	1680	1570	1480	1410	1350	1310	1290
		U	3320	3000	2750	2560	2400	2280	2180	2100	2080
	2700	S	2400	2180	2010	1880	1770	1690	1630	1590	1580
		U	3730	3380	3100	2890	2720	2590	2490	2410	2590
	2550	S	2870	2620	2420	2270	2160	2070	2010	1960	1950
		U	4220	3830	3530	3300	3120	2980	2880	2810	2790
	2400	S	3000	3000	2960	2790	2660	2570	2510	2470	2460
		U	4810	4380	4050	3800	3800	3800	3800	3320	3310
Ixx = 2449.9 x 10 ³ mm ⁴		Panel Width	1200	1350	1500	1650	1800	1950	2100	2250	2300

DG MED/MED INTERLOCKS VPS015/VPS018 & VPS015/VPS018		Panel Height	Maximum Design Pressure (Pa)								
	3100	S	1550	1400	1290	1190	1120	1060	1010	970	960
		U	2790	2510	2300	2120	1990	1870	1780	1710	1690
	3000	S	1720	1560	1430	1330	1250	1180	1130	1090	1080
		U	2990	2690	2470	2290	2140	2020	1930	1850	1830
	2850	S	2020	1830	1690	1570	1480	1410	1350	1310	1300
		U	3330	3010	2760	2560	2410	2280	2180	2110	2090
	2700	S	2400	2180	2010	1880	1780	1700	1640	1590	1580
		U	3740	3380	3110	2900	2730	2600	2500	2420	2600
	2550	S	2880	2620	2430	2280	2160	2080	2010	1970	1960
		U	4230	3840	3540	3310	3130	2990	2890	2820	2800
2400	S	3000	3000	2970	2800	2670	2580	2510	2480	2470	
	U	4820	4390	4060	3810	3810	3810	3810	3330	3320	
Ixx = 2456.4 x 10 ³ mm ⁴		Panel Width	1200	1350	1500	1650	1800	1950	2100	2250	2300

Tables are based on theoretical section properties



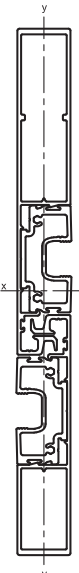
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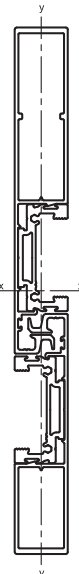
Med / Hvy Interlocks

Max Stress = 110Mpa

S = Serviceability limit state l/250

U = Ultimate limit state

SG MED/HD INTERLOCKS VPS012/VPS018 & VPS012/ VPS019	Panel Height	Maximum Design Pressure (Pa)									
	3100	S	2350	2130	1950	1810	1700	1600	1530	1470	1460
		U	3130	2820	2580	2390	2230	2110	2010	1920	1900
	3000	S	2610	2360	2160	2010	1890	1790	1710	1650	1630
		U	3360	3030	2770	2570	2410	2270	2170	2080	2060
	2850	S	3000	2780	2550	2380	2240	2130	2050	1980	1960
		U	3740	3380	3100	2880	2710	2570	2450	2370	2340
	2700	S	3000	3000	3000	2850	2690	2570	2480	2410	2390
		U	4200	3800	3500	3260	3070	2920	2920	2920	2920
	2550	S	3000	3000	3000	3000	3000	3000	3000	2980	2960
		U	4750	4310	3980	3720	3520	3360	3250	3170	3150
	2400	S	3000	3000	3000	3000	3000	3000	3000	3000	3000
		U	5420	4940	4570	4290	4070	3920	3810	3750	3730
$I_{xx} = 3714.3 \times 10^3 \text{ mm}^4$	Panel Width		1200	1350	1500	1650	1800	1950	2100	2250	2300

DG MED/HD INTERLOCKS VPS015/VPS018 & VPS015/VPS019	Panel Height	Maximum Design Pressure (Pa)									
	3100	S	2360	2130	1950	1810	1700	1610	1530	1480	1460
		U	3140	2830	2590	2390	2240	2110	2010	1930	1900
	3000	S	2610	2360	2170	2020	1890	1800	1720	1660	1640
		U	3360	3030	2780	2570	2410	2280	2170	2090	2060
	2850	S	3000	2780	2560	2380	2250	2140	2050	1990	1970
		U	3750	3390	3110	2890	2710	2570	2460	2370	2350
	2700	S	3000	3000	3000	2850	2700	2570	2480	2410	2400
		U	4210	3810	3500	3260	3070	2930	2930	2930	2930
	2550	S	3000	3000	3000	3000	3000	3000	3000	2980	2970
		U	4760	4320	3980	3720	3520	3370	3250	3170	3150
	2400	S	3000	3000	3000	3000	3000	3000	3000	3000	3000
		U	5430	4940	4580	4290	4080	3920	3820	3750	3740
$I_{xx} = 3720.8 \times 10^3 \text{ mm}^4$	Panel Width		1200	1350	1500	1650	1800	1950	2100	2250	2300

Tables are based on theoretical section properties

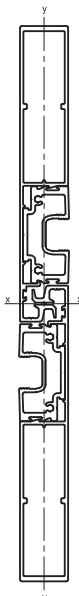
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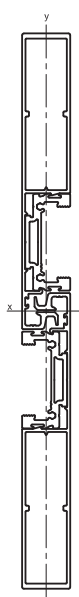
Hvy / Hvy Interlocks

Max Stress = 110Mpa

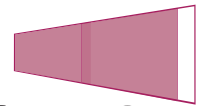
S = Serviceability limit state I/250

U = Ultimate limit state

SG HD/HD INTERLOCKS VPS012/VPS019 & VPS012/ VPS019		Panel Height	Maximum Design Pressure (Pa)									
	3100	S	3000	2850	2610	2430	2270	2150	2050	1980	1950	
		U	4200	3780	3460	3200	2990	2830	2690	2580	2550	
	3000	S	3000	3000	2900	2700	2530	2400	2300	2220	2190	
		U	4500	4060	3720	3440	3230	3050	2910	2790	2760	
	2850	S	3000	3000	3000	3000	3000	2860	2750	2660	2630	
		U	5020	4540	4160	3860	3630	3440	3290	3180	3140	
	2700	S	3000	3000	3000	3000	3000	3000	3000	3000	3000	
		U	5630	5100	4690	4370	4120	3920	3920	3920	3920	
	2550	S	3000	3000	3000	3000	3000	3000	3000	3000	3000	
		U	6000	5780	5330	4980	4710	4510	4350	4250	4220	
	2400	S	3000	3000	3000	3000	3000	3000	3000	3000	3000	
		U	6000	6000	6000	5750	5460	5250	5110	5020	5010	
Ixx = 4978.7 x 10 ³ mm ⁴		Panel Width	1200	1350	1500	1650	1800	1950	2100	2250	2300	

DG HD/HD INTERLOCKS VPS015/VPS019 & VPS015/ VPS019	Panel Height	Maximum Design Pressure (Pa)									
	3100	S	3000	2850	2620	2430	2280	2160	2060	1980	1960
		U	4200	3790	3470	3210	3000	2830	2690	2580	2550
	3000	S	3000	3000	2910	2700	2540	2410	2300	2220	2200
		U	4510	4070	3720	3450	3230	3050	2910	2800	2770
	2850	S	3000	3000	3000	3000	3000	2870	2750	2660	2640
		U	5020	4540	4170	3870	3630	3450	3300	3180	3150
	2700	S	3000	3000	3000	3000	3000	3000	3000	3000	3000
		U	5640	5110	4700	4370	4120	3920	3920	3920	3920
	2550	S	3000	3000	3000	3000	3000	3000	3000	3000	3000
		U	6000	5790	5340	4990	4720	4510	4360	4250	4230
	2400	S	3000	3000	3000	3000	3000	3000	3000	3000	3000
		U	6000	6000	6000	5760	5470	5260	5110	5030	5010
Ixx = 4985.2 x 10 ³ mm ⁴	Panel Width	1200	1350	1500	1650	1800	1950	2100	2250	2300	

Tables are based on theoretical section properties



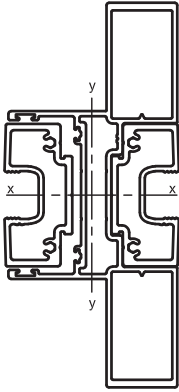
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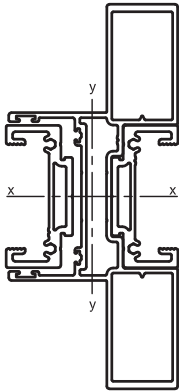
Meeting Stile Interlocks

Max Stress = 110Mpa

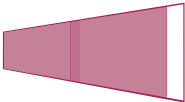
S = Serviceability limit state I/250

U = Ultimate limit state

SG OXXO VPS011/VPS020 & VPS011	Panel Height	Maximum Design Pressure (Pa)									
	3100	S	1630	1470	1350	1250	1180	1110	1060	1020	1010
		U	2710	2440	2230	2070	1930	1820	1730	1660	1640
	3000	S	1810	1640	1500	1390	1310	1240	1190	1150	1130
		U	2900	2620	2400	2220	2080	1970	1880	1800	1780
	2850	S	2120	1930	1770	1650	1550	1480	1420	1370	1360
		U	3240	2930	2680	2490	2340	2220	2120	2050	2030
	2700	S	2520	2290	2110	1970	1870	1780	1720	1670	1660
		U	3630	3290	3030	2820	2650	2530	2530	2530	2530
	2550	S	3000	2750	2550	2390	2270	2180	2110	2060	2050
		U	4110	3730	3440	3220	3040	2910	2810	2740	2720
	2400	S	3000	3000	3000	2940	2800	2710	2640	2600	2590
		U	4690	4270	3950	3710	3520	3390	3300	3240	3230
I_{xx} = 2578.0 x 10³ mm⁴	Panel Width		1200	1350	1500	1650	1800	1950	2100	2250	2300

DG OXXO VPS014/VPS020 & VPS014	Panel Height	Maximum Design Pressure (Pa)									
	3100	S	1630	1480	1350	1260	1180	1110	1060	1020	1010
		U	2710	2450	2240	2070	1930	1830	1740	1670	1650
	3000	S	1810	1640	1500	1400	1310	1240	1190	1150	1140
		U	2910	2620	2400	2230	2080	1970	1880	1800	1780
	2850	S	2130	1930	1770	1650	1560	1480	1420	1380	1360
		U	3240	2930	2690	2500	2340	2220	2130	2050	2030
	2700	S	2520	2290	2120	1980	1870	1790	1720	1670	1660
		U	3640	3300	3030	2820	2660	2530	2530	2530	2530
	2550	S	3000	2760	2550	2400	2270	2180	2110	2070	2060
		U	4120	3740	3450	3220	3050	2910	2810	2740	2730
	2400	S	3000	3000	3000	2940	2810	2710	2640	2600	2600
		U	4700	4280	3960	3710	3530	3390	3300	3240	3230
I_{xx} = 2582.1 x 10³ mm⁴	Panel Width		1200	1350	1500	1650	1800	1950	2100	2250	2300

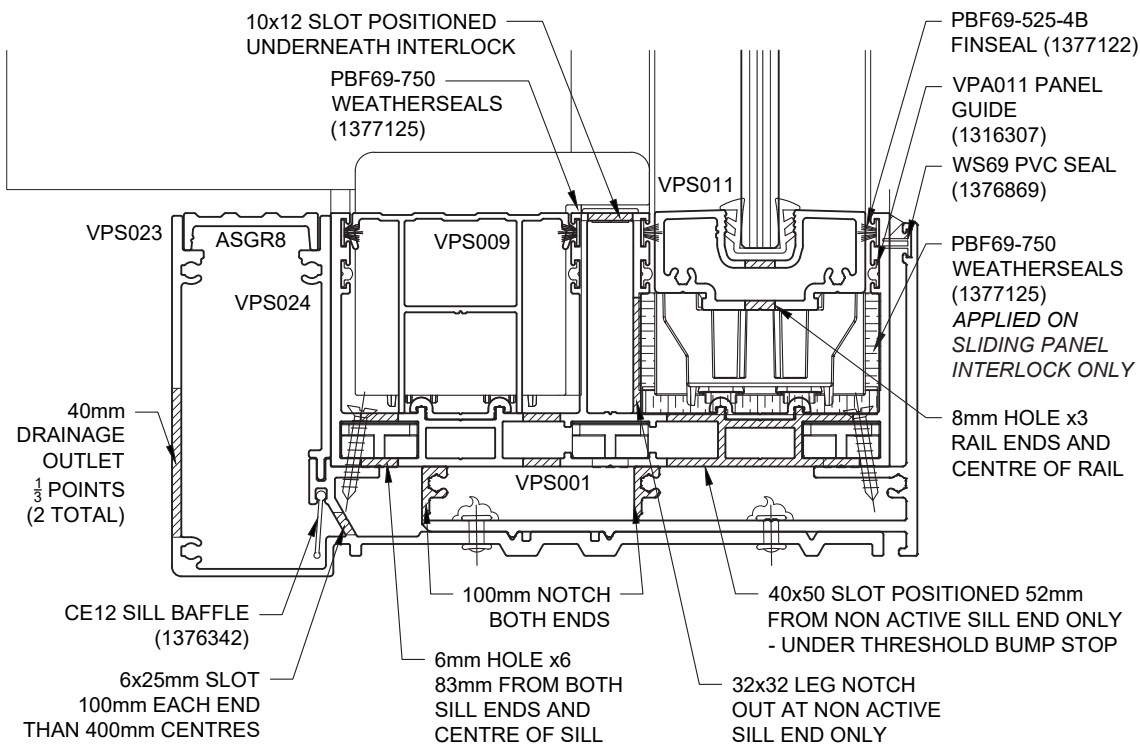
Tables are based on theoretical section properties



4. Test Summary

AS2047 - XO Single Glazed

TEST REPORT:	OT23-155
SYSTEM CONFIGURATION	XO INTERNAL SLIDE SINGLE GLAZED VPS019 / VPS019 Interlocks VPS022+023+024 Grated Sub Sill VPA003 ROLLERS x2 PER SLIDING PANEL
TEST SAMPLE SIZE	3.09m high x 4.58m wide
SERVICEABILITY LOAD	+/-1.6 kPa
ULTIMATE LOAD	+/-2.2 kPa
WATER PENETRATION	480 Pa
AIR INFILTRATION @75Pa	+0.29 L/m/s ² -0.50 L/m/s ²
OPERATING FORCE TEST	
INITIAL OPENING	164.2 N
INITIAL CLOSING	158.8 N
SUSTAINED OPENING	91.8 N
SUSTAINED CLOSING	96.3 N



NOTE:

All frame and panel joints sealed before assembly. Refer to Machining chapter for additional details

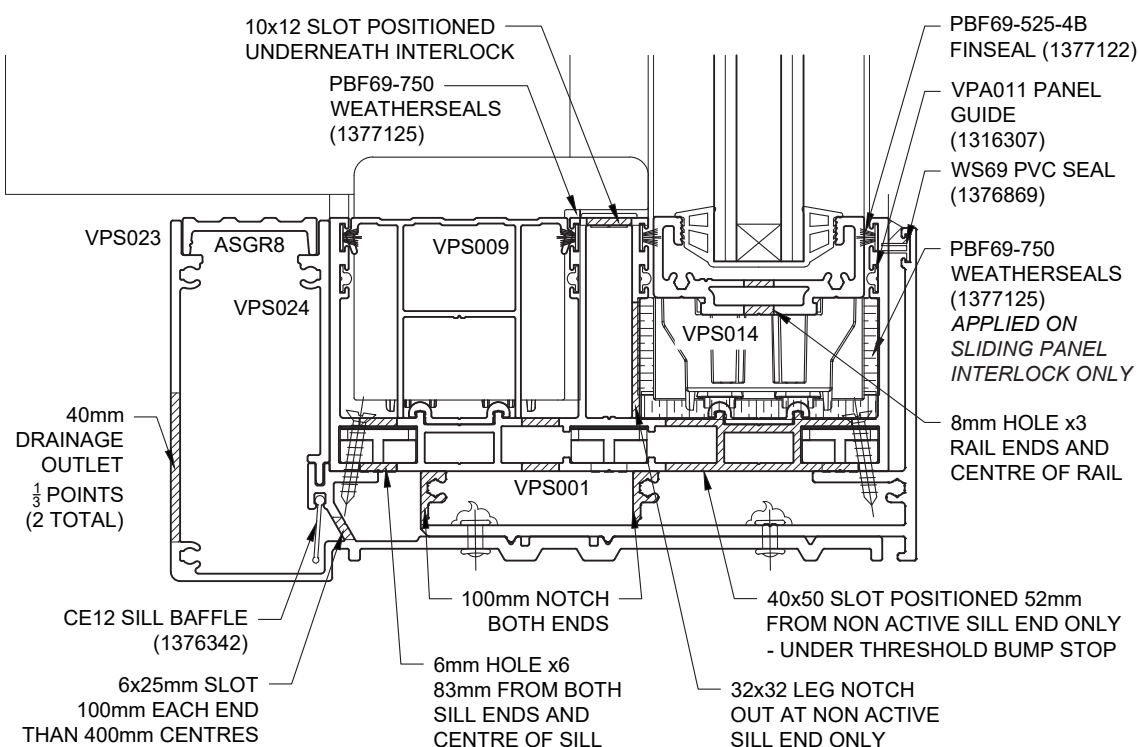
DISCLAIMER:

Please note that the test results shown above reflect specific configurations of a system and are representative only. If a specific high wind load or a different configuration (i.e. changes to frames, transoms, mullions) is required on a project please discuss with Alspec prior to commencement.

4. Test Summary

AS2047 - XO Double Glazed

TEST REPORT:	OT23-153
SYSTEM CONFIGURATION	XO INTERNAL SLIDE DOUBLE GLAZED VPS018 / VPS019 Interlocks VPS022+023+024 Grated Sub Sill VPA003 ROLLERS x4 PER SLIDING PANEL
TEST SAMPLE SIZE	3.09m high x 4.2m wide
SERVICEABILITY LOAD	+/-1.6 kPa
ULTIMATE LOAD	+/-2.4 kPa
WATER PENETRATION	480 Pa
AIR INFILTRATION @75Pa	+0.37 L/m/s ² -0.28 L/m/s ²
OPERATING FORCE TEST	
INITIAL OPENING	129.9 N
INITIAL CLOSING	93.4 N
SUSTAINED OPENING	82.5 N
SUSTAINED CLOSING	63.3 N

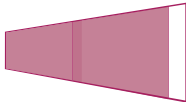


NOTE:

All frame and panel joints sealed before assembly. Refer to Machining chapter for additional details

DISCLAIMER:

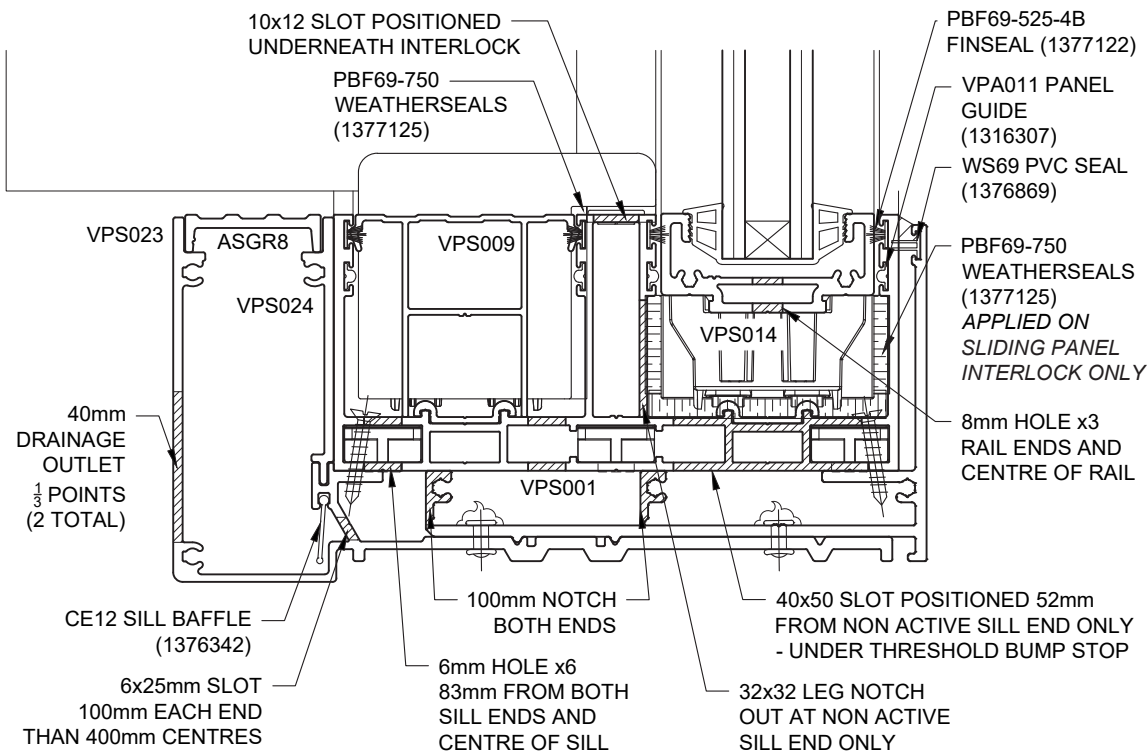
Please note that the test results shown above reflect specific configurations of a system and are representative only. If a specific high wind load or a different configuration (i.e. changes to frames, transoms, mullions) is required on a project please discuss with Alspec prior to commencement.



4. Test Summary

AS2047 - OXXO Double Glazed

TEST REPORT:	OT23-152
SYSTEM CONFIGURATION	OXXO INTERNAL SLIDE DOUBLE GLAZED VPS018 / VPS018 Interlocks; VPS020 Meeting Adaptor VPS022+023+024 Grated Sub Sill VPA003 ROLLERS x2 PER SLIDING PANEL
TEST SAMPLE SIZE	3.09m high x 4.58m wide
SERVICEABILITY LOAD	+/-1.5 kPa
ULTIMATE LOAD	+/-4.0 kPa
WATER PENETRATION	400 Pa
AIR INFILTRATION @75Pa	+0.54 L/m/s ² -0.66 L/m/s ²
OPERATING FORCE TEST	
INITIAL OPENING	125.6 N
INITIAL CLOSING	72.6 N
SUSTAINED OPENING	49.6 N
SUSTAINED CLOSING	47.8 N



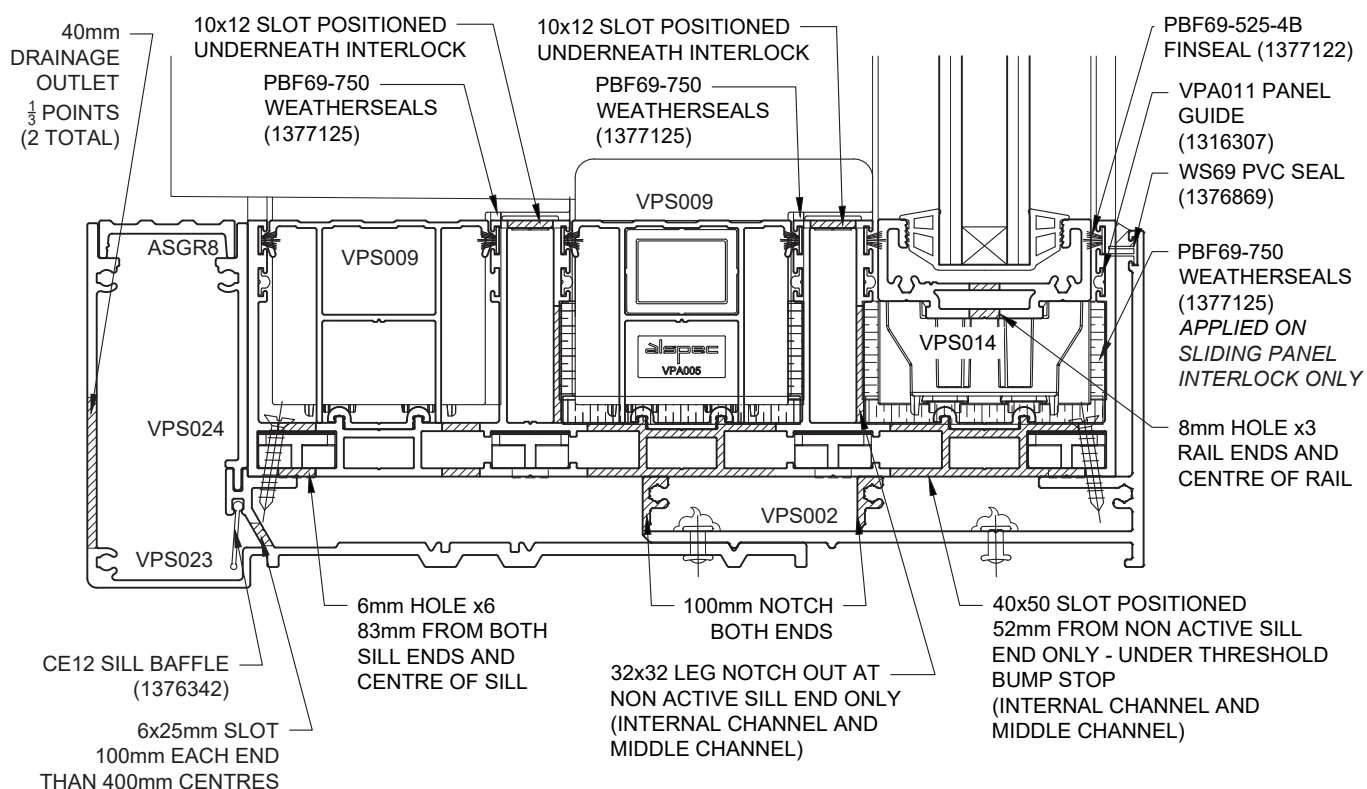
NOTE:
All frame and panel joints sealed before assembly. Refer to Machining chapter for additional details

DISCLAIMER:
Please note that the test results shown above reflect specific configurations of a system and are representative only. If a specific high wind load or a different configuration (i.e. changes to frames, transoms, mullions) is required on a project please discuss with Alspec prior to commencement.

4. Test Summary

AS2047 - XXO Double Glazed MD + MD Interlocks

TEST REPORT:	OT23-154
SYSTEM CONFIGURATION	XXO INTERNAL SLIDE VPS018 / VPS018 Interlocks VPS022+023+024 Grated Sub Sill VPA003 ROLLERS x2 PER SLIDING PANEL
TEST SAMPLE SIZE	3.09m high x 4.58m wide
SERVICEABILITY LOAD	+/-1.2 kPa
ULTIMATE LOAD	+/-2.8 kPa
WATER PENETRATION	360 Pa
AIR INFILTRATION @75Pa	+0.9 L/m/s ² -1.06 L/m/s ²
OPERATING FORCE TEST	
INITIAL OPENING	155.7 N
INITIAL CLOSING	113.7 N
SUSTAINED OPENING	65.5 N
SUSTAINED CLOSING	64.4 N



NOTE:

All frame and panel joints sealed before assembly. Refer to Machining chapter for additional details

DISCLAIMER:

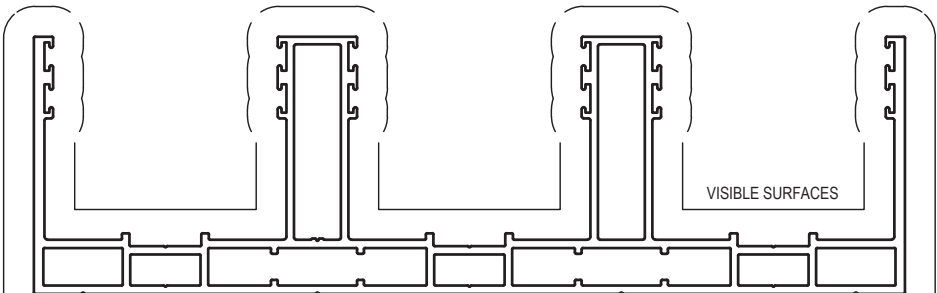
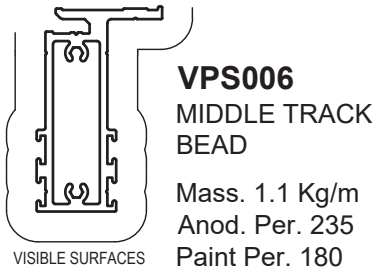
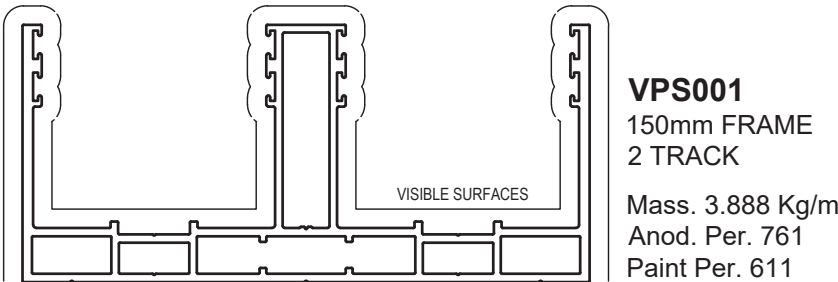
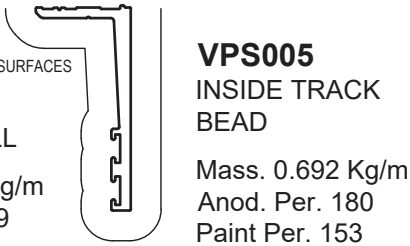
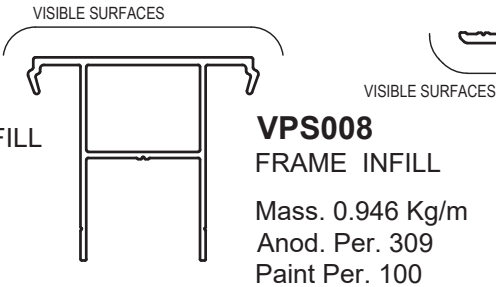
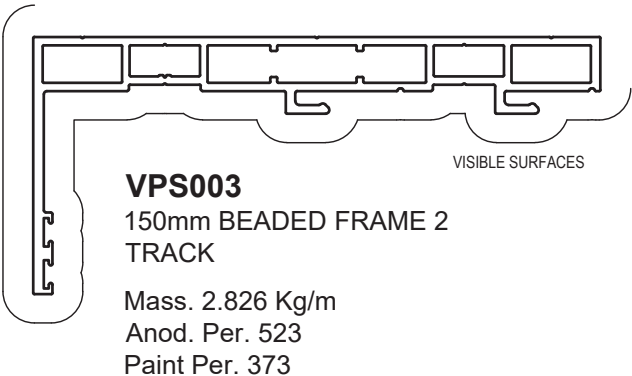
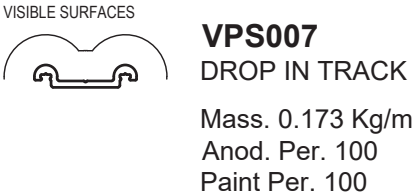
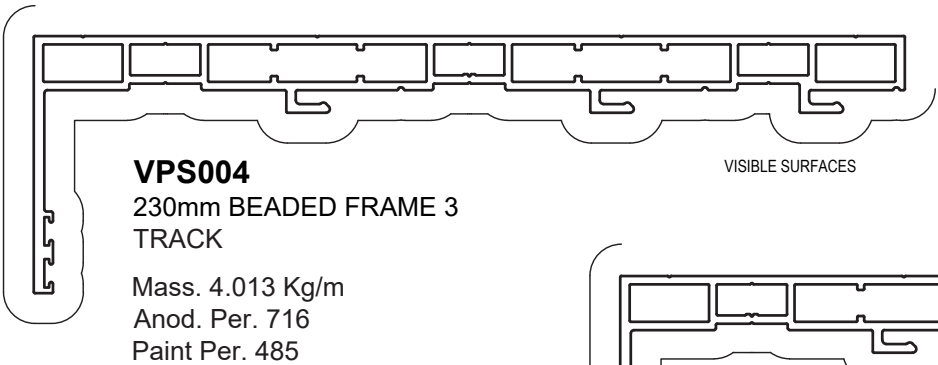
Please note that the test results shown above reflect specific configurations of a system and are representative only. If a specific high wind load or a different configuration (i.e. changes to frames, transoms, mullions) is required on a project please discuss with Alspec prior to commencement.

4. Test Summary

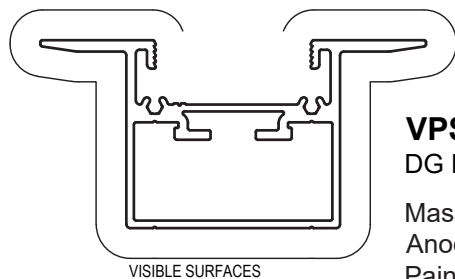
Acoustic - AS/NZS ISO 717.1

TEST REPORT	PRODUCT DESCRIPTION	SIZE	GLASS	SEALS	Rw
OT.AC24-37	OX SLIDING DOOR	2.1m (H) x 1.8m (W)	10.38mm LAM, 12mm AIR, 6.38mm LAM	PBF69-525-4B	36 (-1,-4)
OT.AC24-38	OX SLIDING DOOR	2.1m (H) x 1.8m (W)	6.38mm LAM	PBF69-525-4B	32 (-1,-2)
OT.AC24-39	OX SLIDING DOOR	2.1m (H) x 1.8m (W)	10.38mm LAM	PBF69-525-4B	34 (-1,-2)
OT.AC24-40	OX SLIDING DOOR	2.1m (H) x 1.8m (W)	6.38mm LAM, 12mm AIR, 6.38mm LAM	PBF69-525-4B	33 (-1,-4)
OT.AC24-41	OX SLIDING DOOR	2.1m (H) x 1.8m (W)	12mm ACOUSTIC LAM	PBF69-525-4B	38 (-0,-2)
OT.AC24-42	OX SLIDING DOOR	2.1m (H) x 1.8m (W)	10mm ACOUSTIC LAM, 12mm AIR, 8mm ACOUSTIC LAM	PBF69-525-4B	38 (-1,-4)

Framing Sections

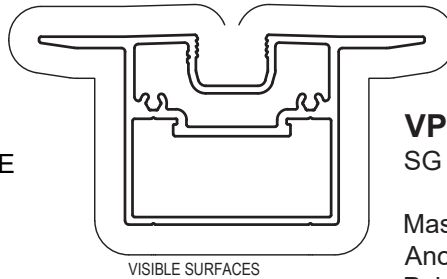


Panel Sections



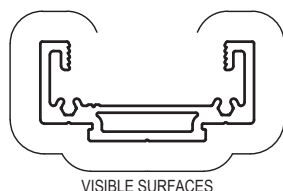
VPS016
DG HANDLE STILE

Mass. 1.947 Kg/m
Anod. Per. 395
Paint Per. 258



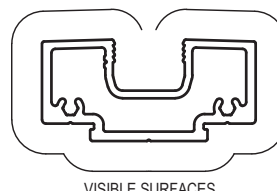
VPS013
SG HANDLE STILE

Mass. 2.145 Kg/m
Anod. Per. 326
Paint Per. 281



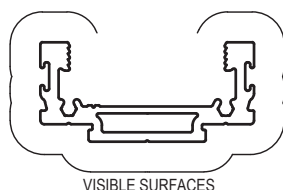
VPS014
DG SASH

Mass. 1.108 Kg/m
Anod. Per. 264
Paint Per. 127



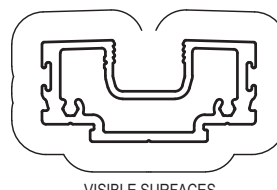
VPS011
SG SASH

Mass. 1.224 Kg/m
Anod. Per. 195
Paint Per. 150



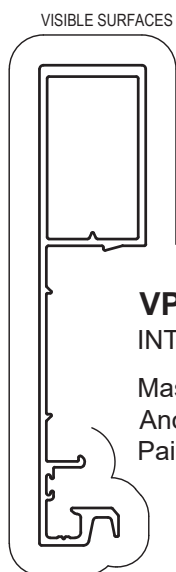
VPS015
DG INTERLOCK
STILE

Mass. 1.198 Kg/m
Anod. Per. 254
Paint Per. 148



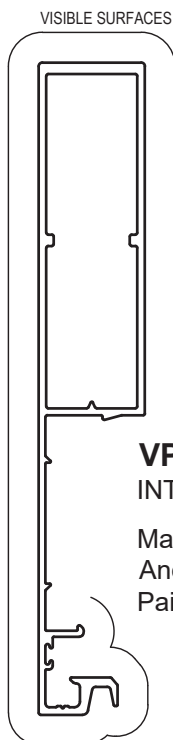
VPS012
SG INTERLOCK
STILE

Mass. 1.307 Kg/m
Anod. Per. 217
Paint Per. 171



VPS018
INTERLOCK MED

Mass. 1.509 Kg/m
Anod. Per. 404
Paint Per. 308

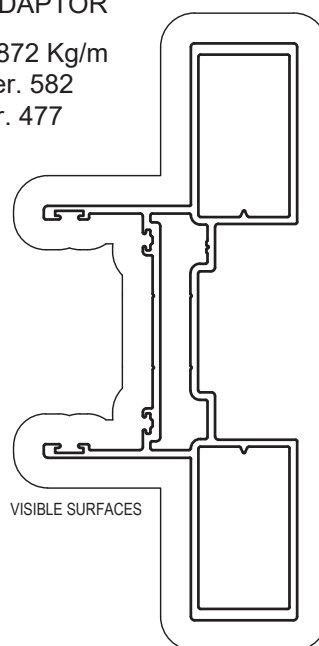


VPS019
INTERLOCK HD

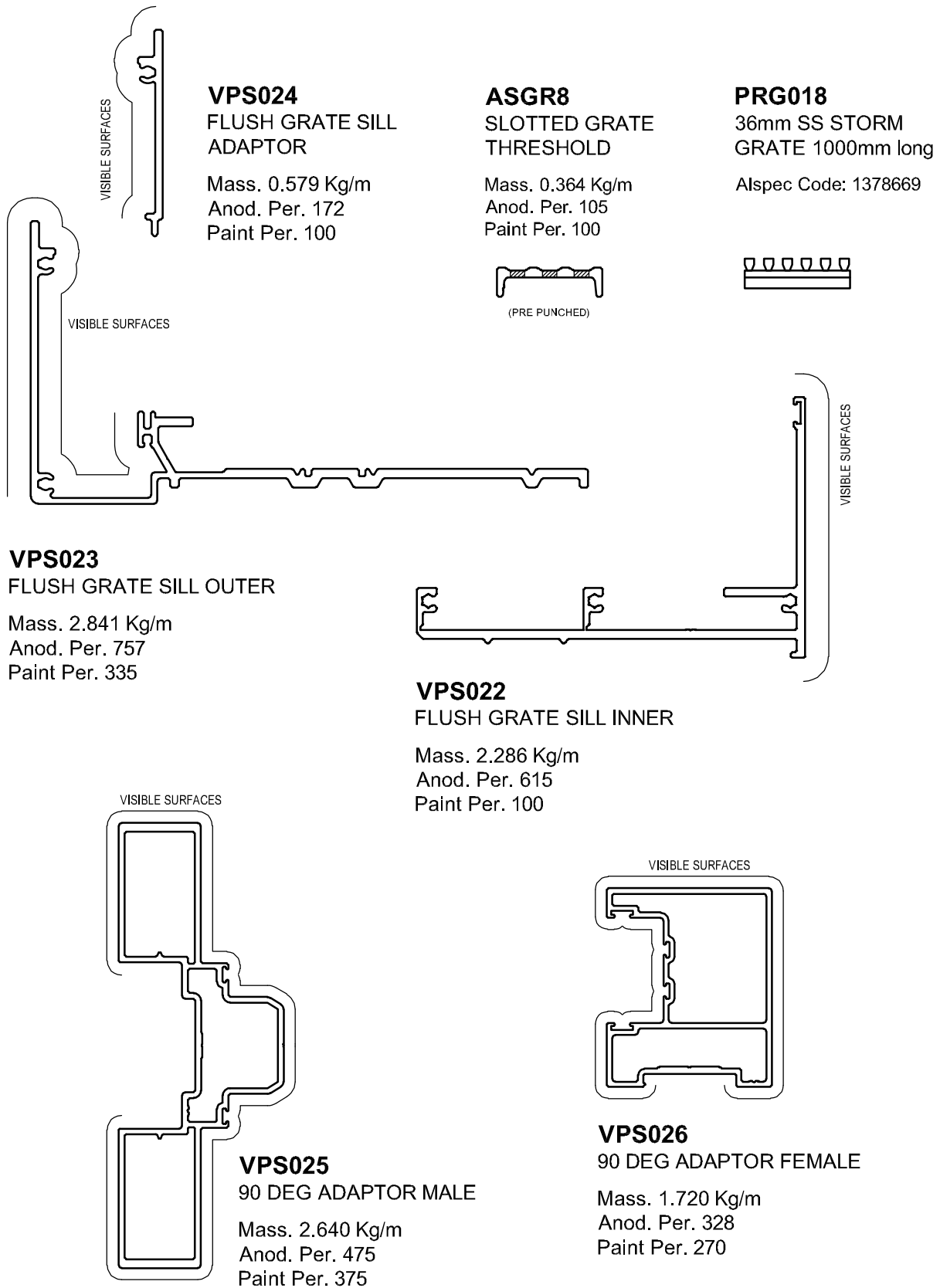
Mass. 2.034 Kg/m
Anod. Per. 495
Paint Per. 400

VPS020
OXXO ADAPTOR

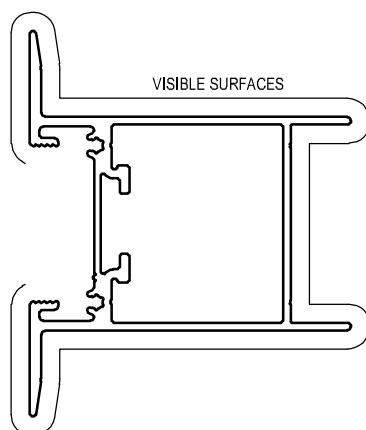
Mass. 2.872 Kg/m
Anod. Per. 582
Paint Per. 477



Grated Subsill Sections & 90 Deg Corner Adaptors



Optional Panel Sections



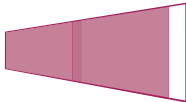
VPS027

DG WIDE HANDLE STILE

Mass. 2.301 Kg/m

Anod. Per. 497

Paint Per. 348



6. Hardware & Components

Glazing Channels

IMAGE	TO SUIT GLASS	MATERIAL	PART #	DESCRIPTION
	6.00 - 6.38mm	PVC	1376063	GR55 GLAZING CHANNEL 18mm POCKET (6.38mm GLASS) x 50m ROLL
	8.00 - 8.38mm	PVC	1376155	GR76 GLAZING CHANNEL 18mm POCKET (8-8.38 GLASS) x 60m ROLL
	9.52mm	PVC	1376064	GR56 GLAZING CHANNEL 18mm POCKET (10.38mm GLASS) x 60m ROLL
	10.00 - 10.38mm	PVC	1376064	GR56 GLAZING CHANNEL 18mm POCKET (10.38mm GLASS) x 60m ROLL
	11.52mm	PVC	1376065	GR57 GLAZING CHANNEL 18mm POCKET (11.52mm GLASS) x 60m ROLL
	12.38 - 12.76mm	PVC	1376140	GR68 GLAZING CHANNEL 18mm POCKET (12.38-12.76mm GLASS) x 75m ROLL
	13.52mm	PVC	1376066	GR58 GLAZING CHANNEL 18mm POCKET (13.52mm GLASS) x 75m ROLL
	24mm	S/PRENE	1316320	GR82S GLAZING CHANNEL (24mm GLASS) x 40m ROLL
	28mm	S/PRENE	1316321	GR83S GLAZING CHANNEL (28mm GLASS) x 40m ROLL
	32mm	S/PRENE	1316322	GR84S GLAZING CHANNEL (32mm GLASS) x 40m ROLL

6. Hardware & Components

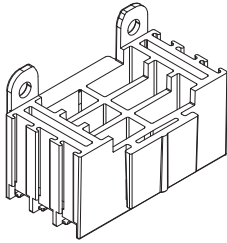
Seals

IMAGE	PART #	FINISH	DESCRIPTION
	1377122	BLACK (034)	PBF69-525-4B FINSEAL T-SLOT x 400m
	1377125	BLACK (034)	PB69-750-4P WEATHERSEAL x 250m BLK
	1376848	BLACK (034)	WS48 PVC SEAL x 500m
	1376454	BLACK (034)	CE7 CO-EXT BULB SEAL 7mm DIAMETER
	1376342	BLACK (034)	CE12 CO-EXT BAFFLE (16mm HEIGHT) x 25m ROLL
	1376344	BLACK (034)	CE12 CO-EXT BAFFLE (16.5mm HEIGHT) x 1m

Fasteners

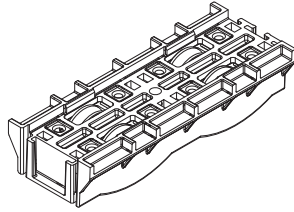
SCREWS			
PART #	HEAD	DESCRIPTION	LOCATION
1382644	SQUARE #2	10g x 1 (25mm) 304SS SQ #2 PAN S/TAP SCREW x 1000	PANEL FIXINGS
1382054	PHILLIPS #2	10g x 1 (25mm) SS PHIL PAN S/TAP SCREW x 500	
1382510	SQUARE #2	8g x 1/2 (13mm) 304SS SQUARE PAN W/WIND S/TAP SCREW x1000	TRACK BEAD TO FRAME
1382042	PHILLIPS #2	8g x 1/2 (13mm) SS PHILLIPS PAN S/TAP SCREW x 1000	
1382017	PHILLIPS #2	8g x 3/8 (9mm) ZP PHIL PAN S/TAP SCREW x 1000	OXXO ADAPTOR TO STILE

Accessories



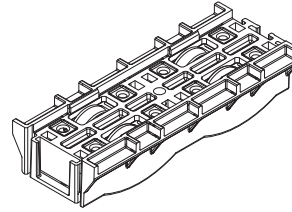
VPA002 ROLLER CORNER BLOCK

PART	1316242
FINISH	BLACK (034)
QTY	EACH



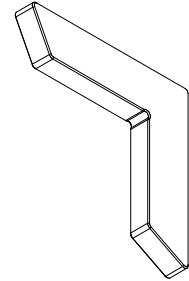
VPA003 ROLLER 100kg PER CARRIAGE

PART	1316243
FINISH	BLACK (034)
QTY	EACH



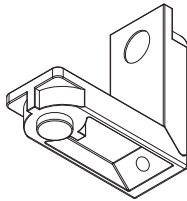
VPA004 FIXED PANEL BLOCK 100kg PER CARRIAGE

PART	1316304
FINISH	BLACK (034)
QTY	EACH



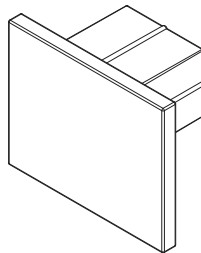
VPA013 90 Deg CORNER SPLICE JOINER

PART	1316314M
FINISH	NOT SPEC (099)
QTY	EACH



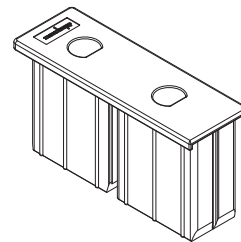
VPA001 CORNER JOINT WITH EXT BUTTONS 0319

PART	1316241
FINISH	NOT SPEC (099)
QTY	EACH



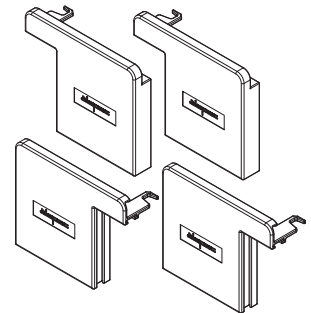
VPA005 THRESHOLD BUMP STOP

PART	1316305
FINISH	BLACK (034)
QTY	EACH



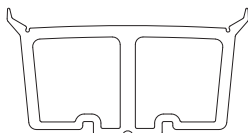
VPA006 INTERLOCK ENDCAP & FLUSHBOLT GUIDE

PART	1316306
FINISH	BLACK (034)
QTY	EACH



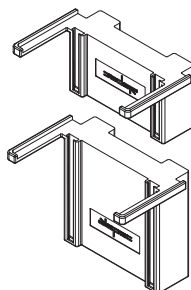
VPA007 INTERLOCK SEALING CAP (2LH & 2RH)

PART	1316307
FINISH	BLACK (034)
QTY	EACH



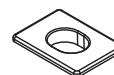
VPA008 JAMB BUMP STOP x 3.5m

PART	1316303
FINISH	BLACK (034)
QTY	EACH



VPA009 OXXO SEALING CAP SET

PART	1316309
FINISH	BLACK (034)
QTY	EACH



VPA010 DRAINAGE HOLE CAP

PART	1316310
FINISH	BLACK (034)
QTY	EACH



VPA011 PANEL GUIDE x 300m ROLL

PART	1316311
FINISH	BLACK (034)
QTY	EACH

6. Hardware & Components

Lock Hardware and Accesories



**BRIO 286 DUAL POINT NON
LOCKING SS HANDLE 2.5m RODS
SS TIP**

PART	1304102
FINISH	SATIN S/LESS STEEL (0A6)
QTY	KIT

**BRIO 286 DUAL POINT NON
LOCKING SS HANDLE 3.5m RODS
SS TIP**

PART	1304103
FINISH	SATIN S/LESS STEEL (0A6)
QTY	KIT



**BRIO 286 DUAL POINT NON
LOCKING BLK HANDLE 2.5m RODS
SS TIP**

PART	1304106
FINISH	BLACK (034)
QTY	KIT

**BRIO 286 DUAL POINT NON
LOCKING BLK HANDLE 3.5m RODS
SS TIP**

PART	1304107
FINISH	BLACK (034)
QTY	KIT

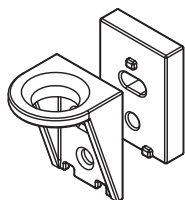


**BRIO 286 DUAL POINT NON
LOCKING SC HANDLE 2.5m RODS
SS TIP**

PART	1304110
FINISH	SATIN CHROME (094)
QTY	KIT

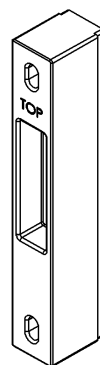
**BRIO 286 DUAL POINT NON
LOCKING SC HANDLE 3.5m RODS
SS TIP**

PART	1304111
FINISH	SATIN CHROME (094)
QTY	KIT



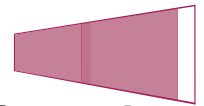
**VPA012 DOOR KEEPER
SET**

PART	1316312
FINISH	BLACK (034)
QTY	EACH



**TRISER KEEPER PACKER
27mm**

PART	1316315
FINISH	BLACK (034)
QTY	EACH



6. Hardware & Components

Silicone



100% NEUTRAL CURE SILICONE

- Premium 100% silicone
- UV Stable
- Superior adhesion
- Flexible + 25%
- AS4020 Approved



100% MATTE NEUTRAL CURE SILICONE

- Premium 100% silicone
- Matte finish
- UV Stable
- Outstanding elongation
- Higher strength



41 CLADDING SILICONE

- Premium 100% silicone
- UV Stable
- Superior adhesion
- Movement capability + 50%



WET AREA SILICONE

- Premium 100% silicone
- Mould inhibited
- Movement capability + 25%
- UV Stable
- Non corrosive
- Superior adhesion



HYBRID PU ADHESIVE SEALANT

- No isocyanates
- Internal/External
- No shrinking/staining
- Paintable
- Excellent adhesion



20 ACETIC CURE SILICONE

- Premium 100% silicone
- UV Stable
- Superior adhesion
- Flexible + 25%



D60 SILICONE

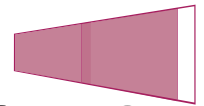
- Premium 100% silicone
- UV Stable
- 2-5 minute skin time
- Flexible + 25%
- No slump

***FOR MORE INFORMATION ON SILICONES,
PLEASE REFER TO ALSPEC SILICONE BROCHURE.**

6. Hardware & Components

Silicone Product Codes

Product Category	Item No.	Alspec Part No.	Description	Finish	Pack
ALSPEC 100%	1	1386113	ALSPEC 100% NEUTRAL CURE SILICONE x 300ml CAT	ALMOND IVORY	CARTRIDGE
	2	1386114	ALSPEC 100% NEUTRAL CURE SILICONE x 300ml CAT	ALUMINIUM	CARTRIDGE
	3	1386105	ALSPEC 100% NEUTRAL CURE SILICONE x 300ml CAT	BLACK	CARTRIDGE
	4	1386140	ALSPEC 100% NEUTRAL CURE SILICONE x 300ml CAT	CAULFIELD GREEN	CARTRIDGE
	5	1386111	ALSPEC 100% NEUTRAL CURE SILICONE x 300ml CAT	CLASSIC CREAM	CARTRIDGE
	6	1386108	ALSPEC 100% NEUTRAL CURE SILICONE x 300ml CAT	LIGHT GREY	CARTRIDGE
	7	1386138	ALSPEC 100% NEUTRAL CURE SILICONE x 300ml CAT	MONUMENT	CARTRIDGE
	8	1386112	ALSPEC 100% NEUTRAL CURE SILICONE x 300ml CAT	OFF WHITE	CARTRIDGE
	9	1386141	ALSPEC 100% NEUTRAL CURE SILICONE x 300ml CAT	STONE BEIGE	CARTRIDGE
	10	1386101	ALSPEC 100% NEUTRAL CURE SILICONE x 300ml CAT	TRANSLUCENT	CARTRIDGE
	11	1386106	ALSPEC 100% NEUTRAL CURE SILICONE x 300ml CAT	WHITE	CARTRIDGE
	12	1386143	ALSPEC 100% NEUTRAL CURE SILICONE x 300ml CAT	WOODLAND GREY	CARTRIDGE
ALSPEC 100% MATT	13	1386103	ALSPEC 100% NEUTRAL CURE SILICONE x 300ml CAT	BLACK MATT	CARTRIDGE
	14	1386107	ALSPEC 100% NEUTRAL CURE SILICONE x 300ml CAT	LIGHT GREY MATT	CARTRIDGE
	15	1386144	ALSPEC 100% NEUTRAL CURE SILICONE x 300ml CAT	WHITE MATT	CARTRIDGE
ALSPEC 20	16	1386115	ALSPEC 20 ACETIC CURE SILICONE x 300ml CAT	TRANSLUCENT	CARTRIDGE
ALSPEC 41 CLADDING	17	1386159	ALSPEC 41 CLADDING SILICONE x 300ml CAT	BLACK MATT	CARTRIDGE
	18	1386117	ALSPEC 41 CLADDING SILICONE x 600ml SAU	BLACK MATT	SAUSAGE
	19	1386158	ALSPEC 41 CLADDING SILICONE x 300ml CAT	LIGHT GREY MATT	CARTRIDGE
	20	1386118	ALSPEC 41 CLADDING SILICONE x 600ml SAU	LIGHT GREY MATT	SAUSAGE
	21	1386157	ALSPEC 41 CLADDING SILICONE x 300ml CAT	WHITE MATT	CARTRIDGE
	22	1386145	ALSPEC 41 CLADDING SILICONE x 600ml SAU	WHITE MATT	SAUSAGE
ALSPEC D60	23	1386121	ALSPEC D60 SILICONE x 300ml CAT	BLACK	CARTRIDGE
	25	1386123	ALSPEC D60 SILICONE x 300ml CAT	GREY	CARTRIDGE
	26	1386120	ALSPEC D60 SILICONE x 300ml CAT	TRANSLUCENT	CARTRIDGE
	27	1386124	ALSPEC D60 SILICONE x 300ml CAT	WHITE	CARTRIDGE
ALSPEC HYBRID PU	28	1386127	ALSPEC HYBRID PU x 300ml CAT	BLACK	CARTRIDGE
	29	1386126	ALSPEC HYBRID PU x 600ml SAU	BLACK	SAUSAGE
	30	1386160	ALSPEC HYBRID PU x 300ml CAT	GREY	CARTRIDGE
	31	1386128	ALSPEC HYBRID PU x 600ml SAU	GREY	SAUSAGE
	32	1386130	ALSPEC HYBRID PU x 300ml CAT	WHITE	CARTRIDGE
	33	1386129	ALSPEC HYBRID PU x 600ml SAU	WHITE	SAUSAGE
ALSPEC WET AREA	34	1386137	ALSPEC WET AREA SILICONE x 300ml CAT	ALMOND IVORY	CARTRIDGE
	35	1386139	ALSPEC WET AREA SILICONE x 300ml CAT	BLACK	CARTRIDGE
	36	1386146	ALSPEC WET AREA SILICONE x 300ml CAT	BLUESTONE	CARTRIDGE
	37	1386147	ALSPEC WET AREA SILICONE x 300ml CAT	CHARCOAL	CARTRIDGE
	38	1386136	ALSPEC WET AREA SILICONE x 300ml CAT	LIGHT GREY	CARTRIDGE
	39	1386148	ALSPEC WET AREA SILICONE x 300ml CAT	MID GREY	CARTRIDGE
	40	1386149	ALSPEC WET AREA SILICONE x 300ml CAT	OFF WHITE	CARTRIDGE
	41	1386150	ALSPEC WET AREA SILICONE x 300ml CAT	PEWTER	CARTRIDGE
	42	1386151	ALSPEC WET AREA SILICONE x 300ml CAT	STONE BEIGE	CARTRIDGE
	43	1386154	ALSPEC WET AREA SILICONE x 300ml CAT	TAUPE	CARTRIDGE
	44	1386152	ALSPEC WET AREA SILICONE x 300ml CAT	TILE GREY	CARTRIDGE
	45	1386133	ALSPEC WET AREA SILICONE x 300ml CAT	TRANSLUCENT	CARTRIDGE
	46	1386153	ALSPEC WET AREA SILICONE x 300ml CAT	TRAVERTINE	CARTRIDGE
	47	1386134	ALSPEC WET AREA SILICONE x 300ml CAT	WHITE	CARTRIDGE



6. Hardware & Components

Lock Selection

AL33 KIT1

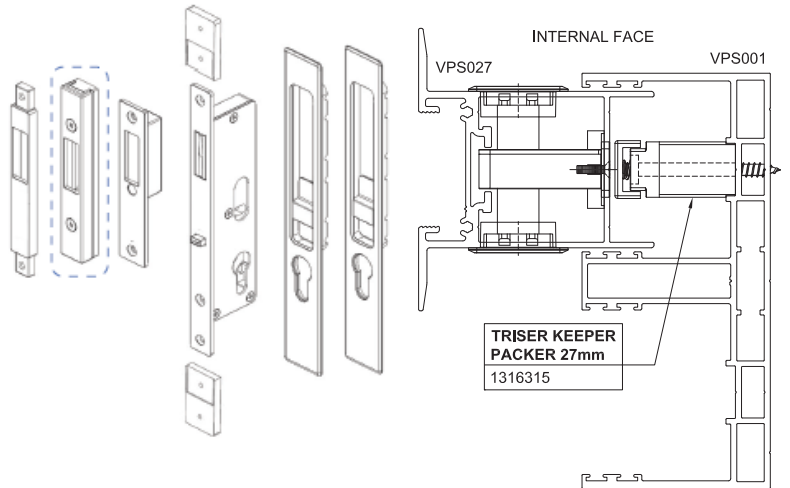
KEY + SNIB BOTH SIDE

CODE	DESCRIPTION	FINISH
1387009	AL33 KIT1 BLK	BLACK
1387010	AL33 KIT1 WHT	WHITE
1387011	AL33 KIT1 SC	SATIN CHROME
1387028	AL33 KIT1 MB	MEDIUM BRONZE
1387029	AL33 KIT1 DB	DARK BRONZE

The model AL33 denotes key + turn both sides. This model would only be used for an entry door as key is needed with every use.

Key Cylinders are additional. Add Alspec 42mm Fix Cam Double Cylinder, see page 8.

Note: Use Alspec adjustable keeper.



AL33 KIT2

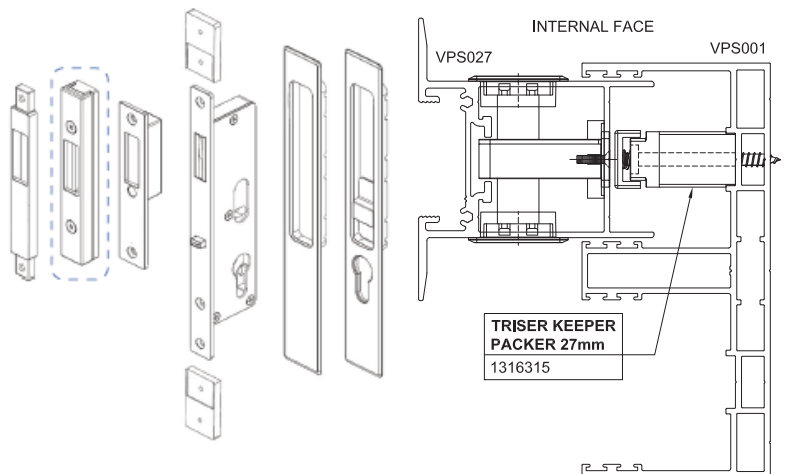
KEY + SNIB INSIDE ONLY
PLAIN FLUSH PULL TO OUTSIDE

CODE	DESCRIPTION	FINISH
1387012	AL33 KIT2 BLK	BLACK
1387013	AL33 KIT2 WHT	WHITE
1387014	AL33 KIT2 SC	SATIN CHROME
1387038	AL33 KIT2 MB	MEDIUM BRONZE
1387039	AL33 KIT2 DB	DARK BRONZE

The model AL33 denotes key + turn inside only with plain pull to outside. Can be snib locked from inside and dead-bolted using key when needed.

Key Cylinders are additional. Add Alspec 33mm Fix Cam Half Cylinder, see page 8.

Note: Use Alspec adjustable keeper.



AL33 KIT3

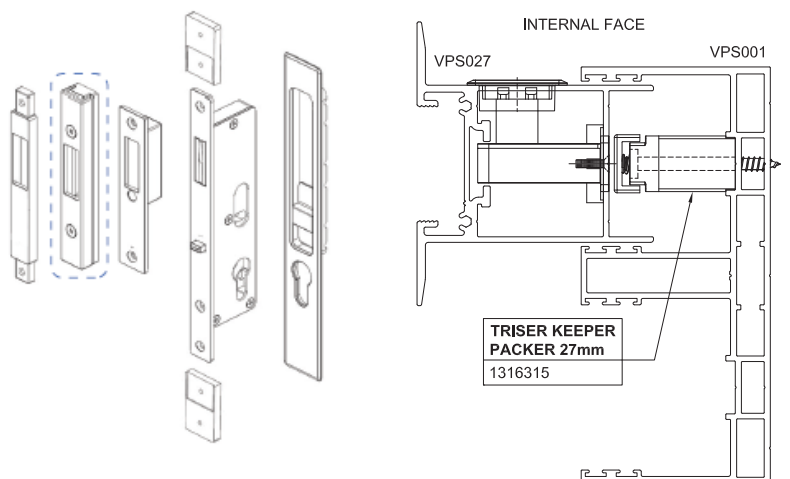
KEY + SNIB INSIDE ONLY, NOTHING TO
OUTSIDE. GREAT FOR WINDOWS OR
JULIETTE BALCONIES.

CODE	DESCRIPTION	FINISH
1387015	AL33 KIT3 BLK	BLACK
1387016	AL33 KIT3 WHT	WHITE
1387017	AL33 KIT3 SC	SATIN CHROME
1387056	AL33 KIT3 MB	MEDIUM BRONZE
1387057	AL33 KIT3 DB	DARK BRONZE

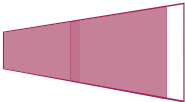
The model AL33 denotes key + turn inside only, nothing to the outside. Can be snib locked from the inside and dead-bolted using key when needed.

Key Cylinders are additional. Add Alspec 33mm Fix Cam Half Cylinder, see page 8.

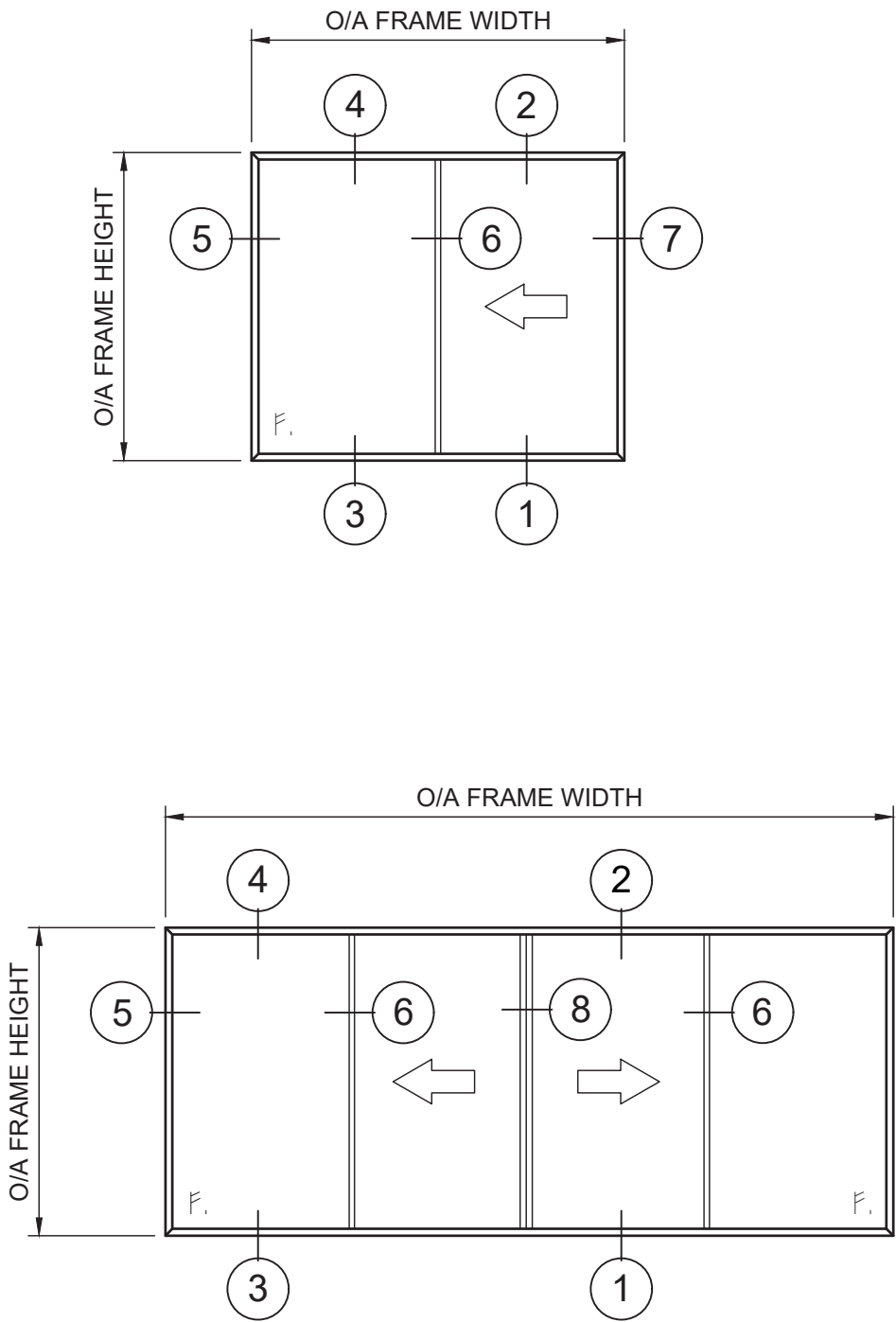
Note: Use Alspec adjustable keeper.



7. Typical Elevation

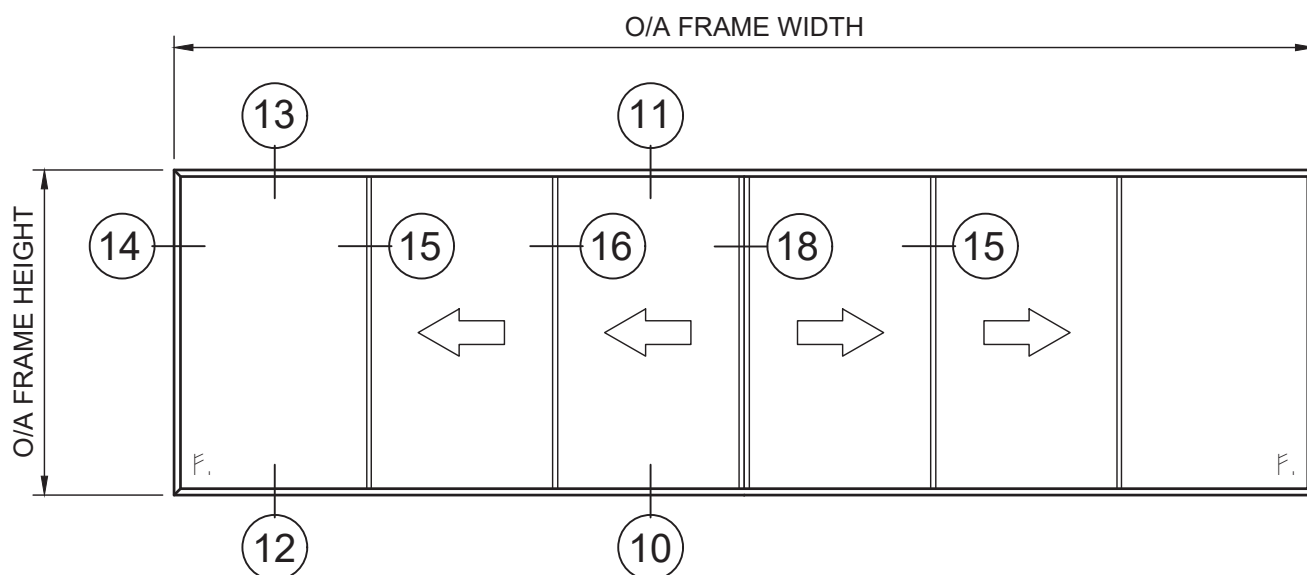
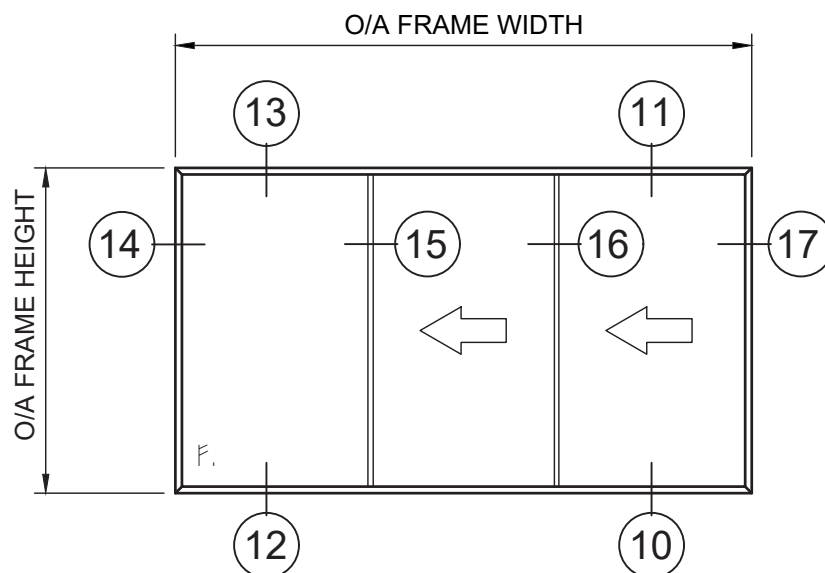


150mm 2 Track Frame

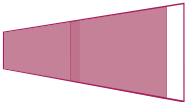


7. Typical Elevation

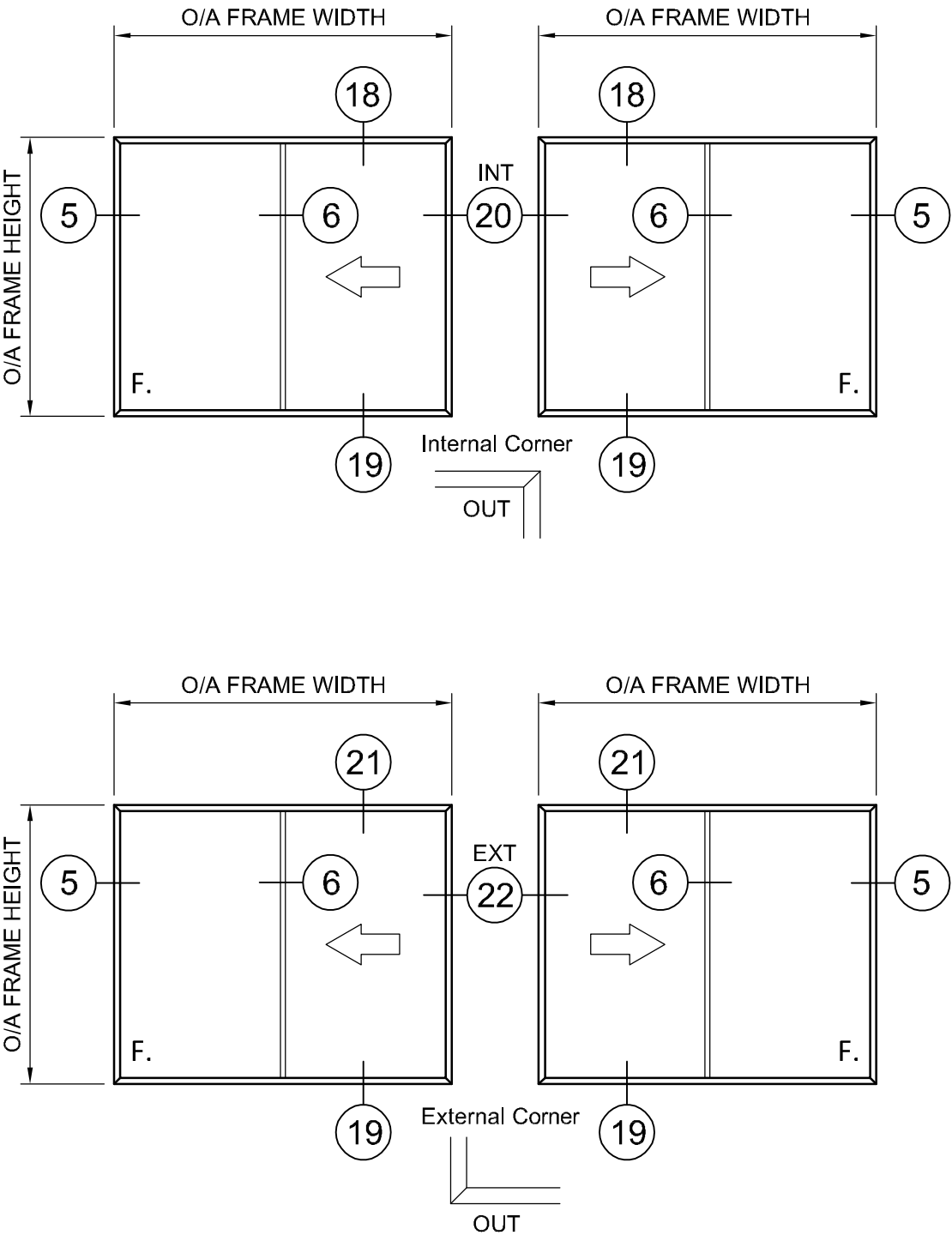
230mm 3 Track Frame



7. Typical Elevation

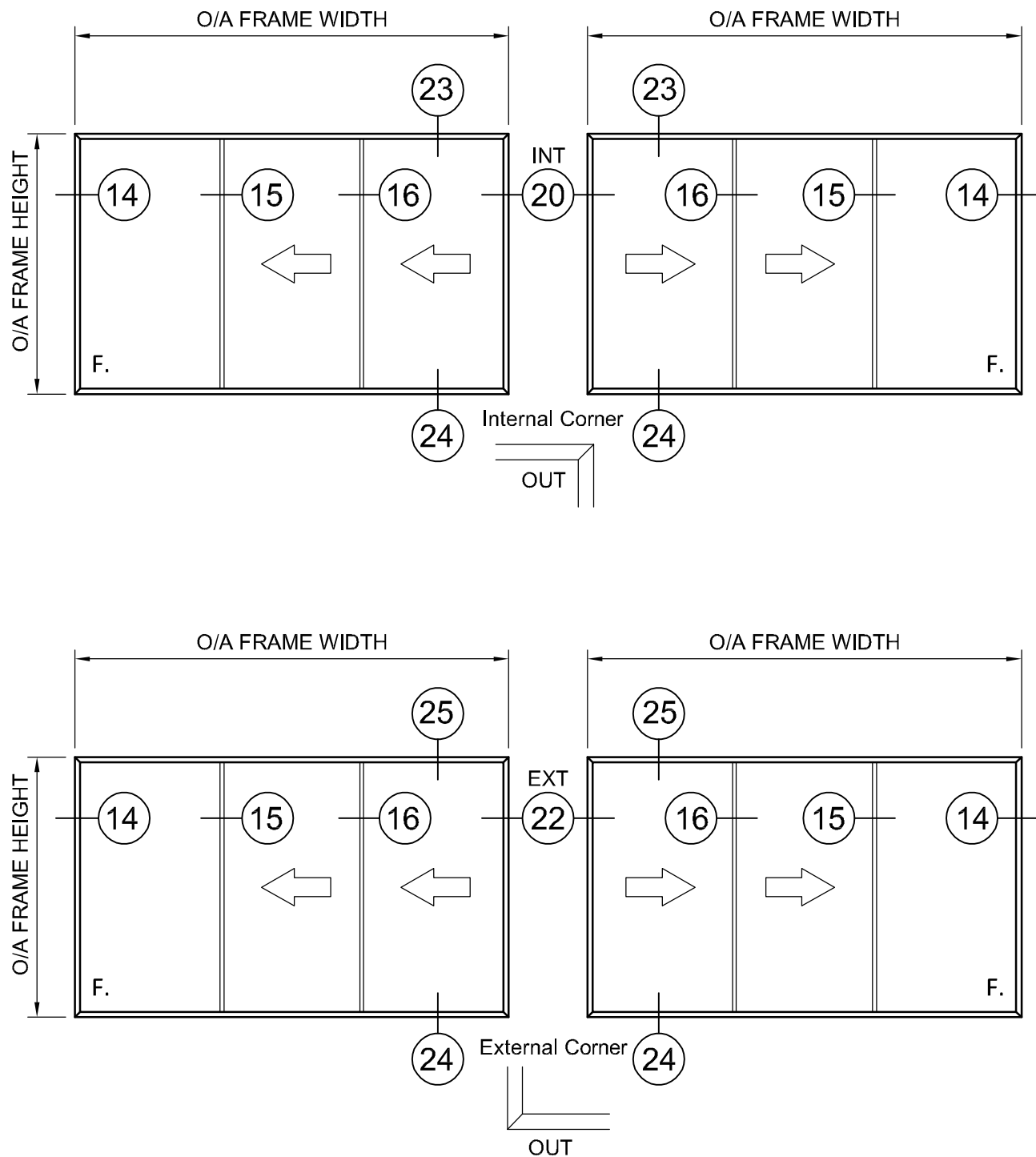


150mm 2 Track 90 Deg Corner Frame



7. Typical Elevation

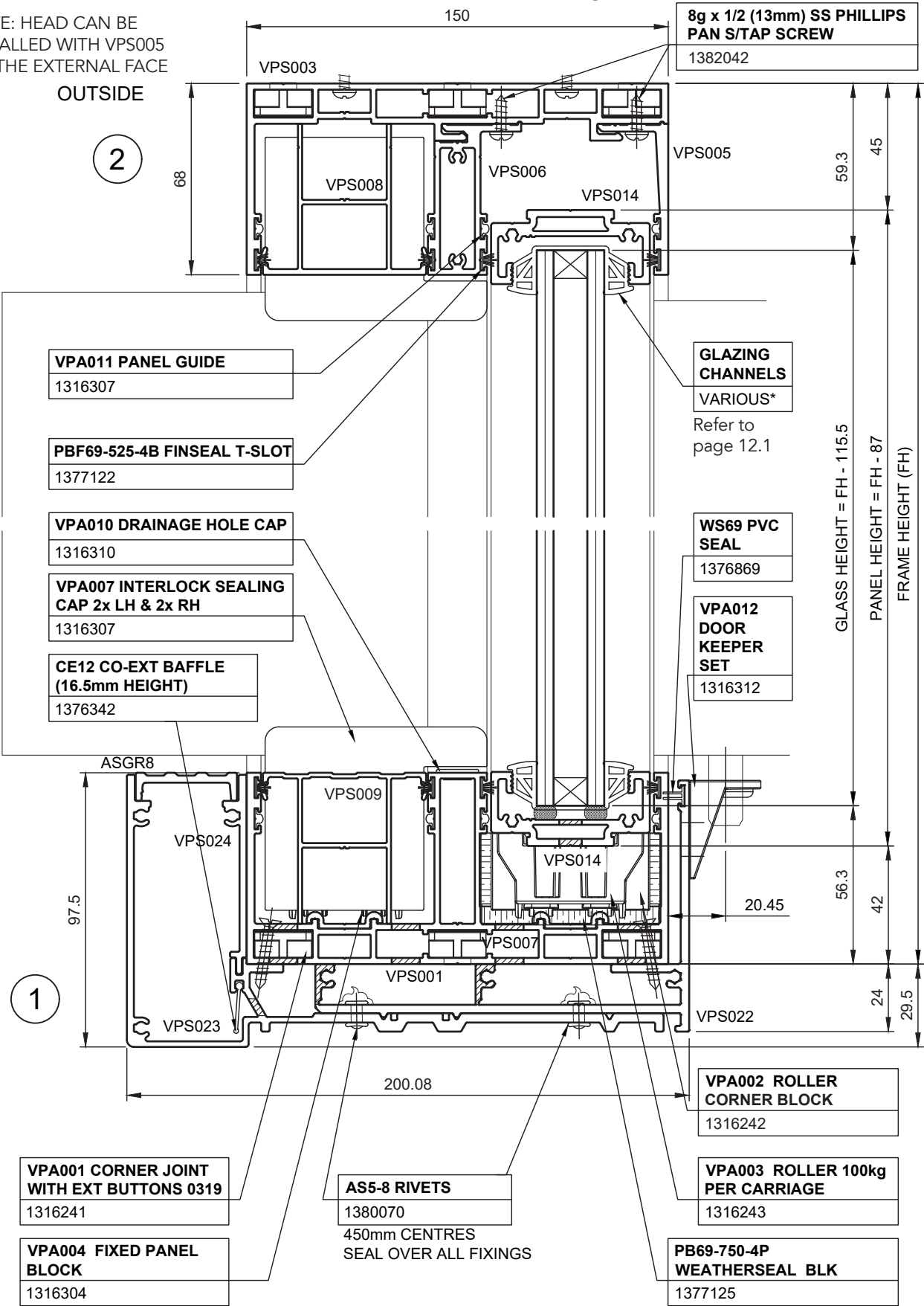
230mm 3 Track 90 Deg Corner Frame



8. Typical Details

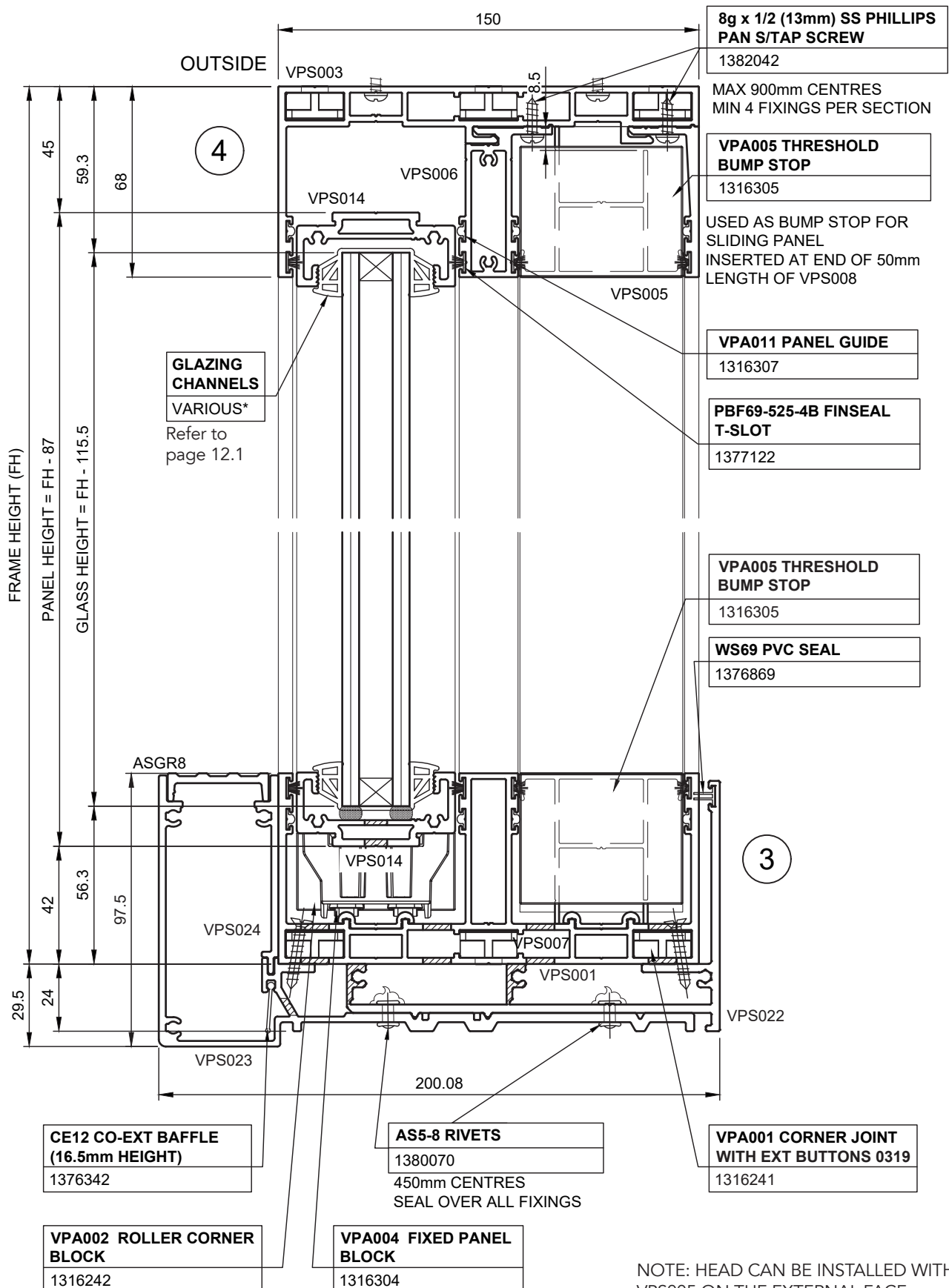
Double Glaze 150mm 2 Track Frame Head & Sill Detail - Sliding Panel

NOTE: HEAD CAN BE
INSTALLED WITH VPS005
ON THE EXTERNAL FACE

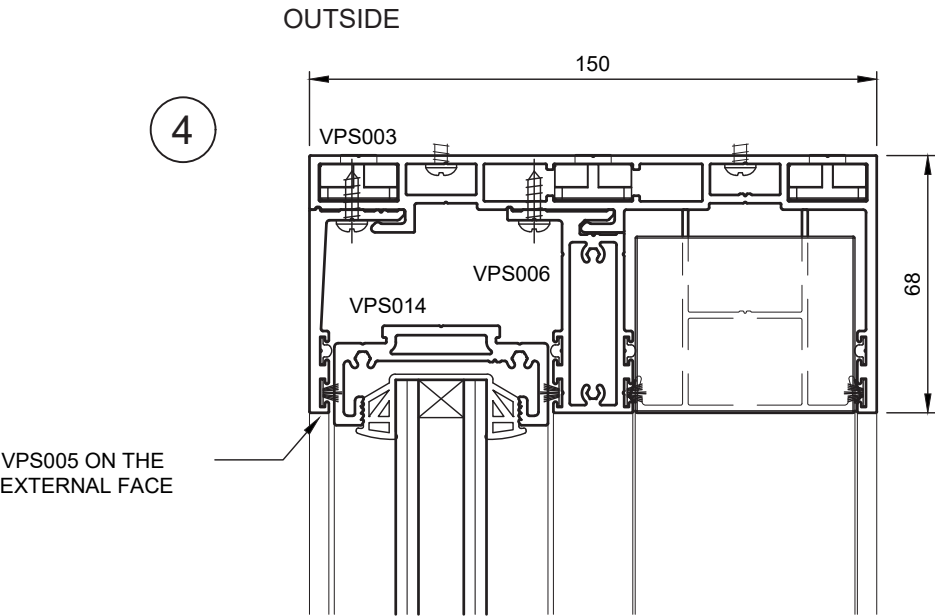
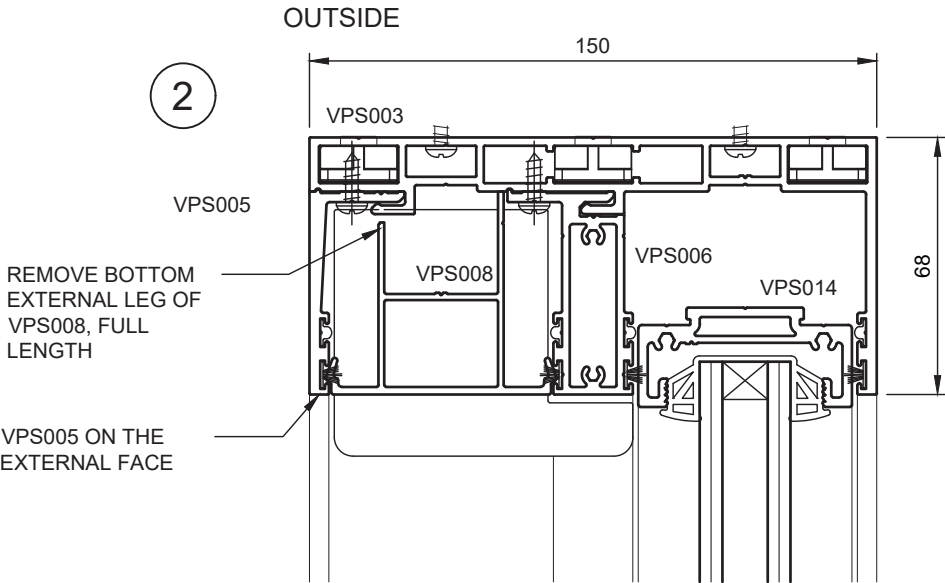


8. Typical Details

Double Glaze 150mm 2 Track Frame Head & Sill Detail - Fixed Panel

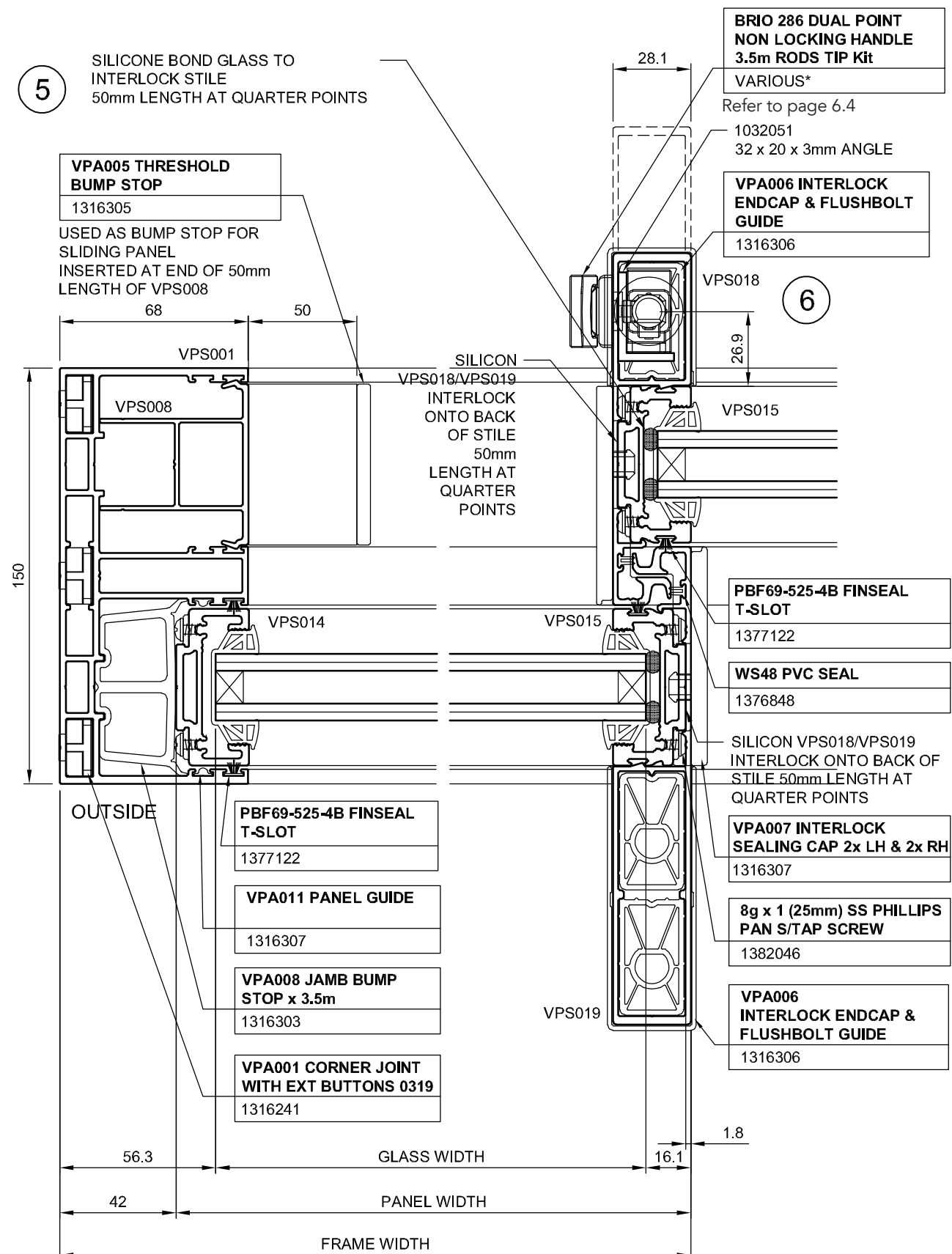


150mm Frame Track Bead VPS005 on the External Face



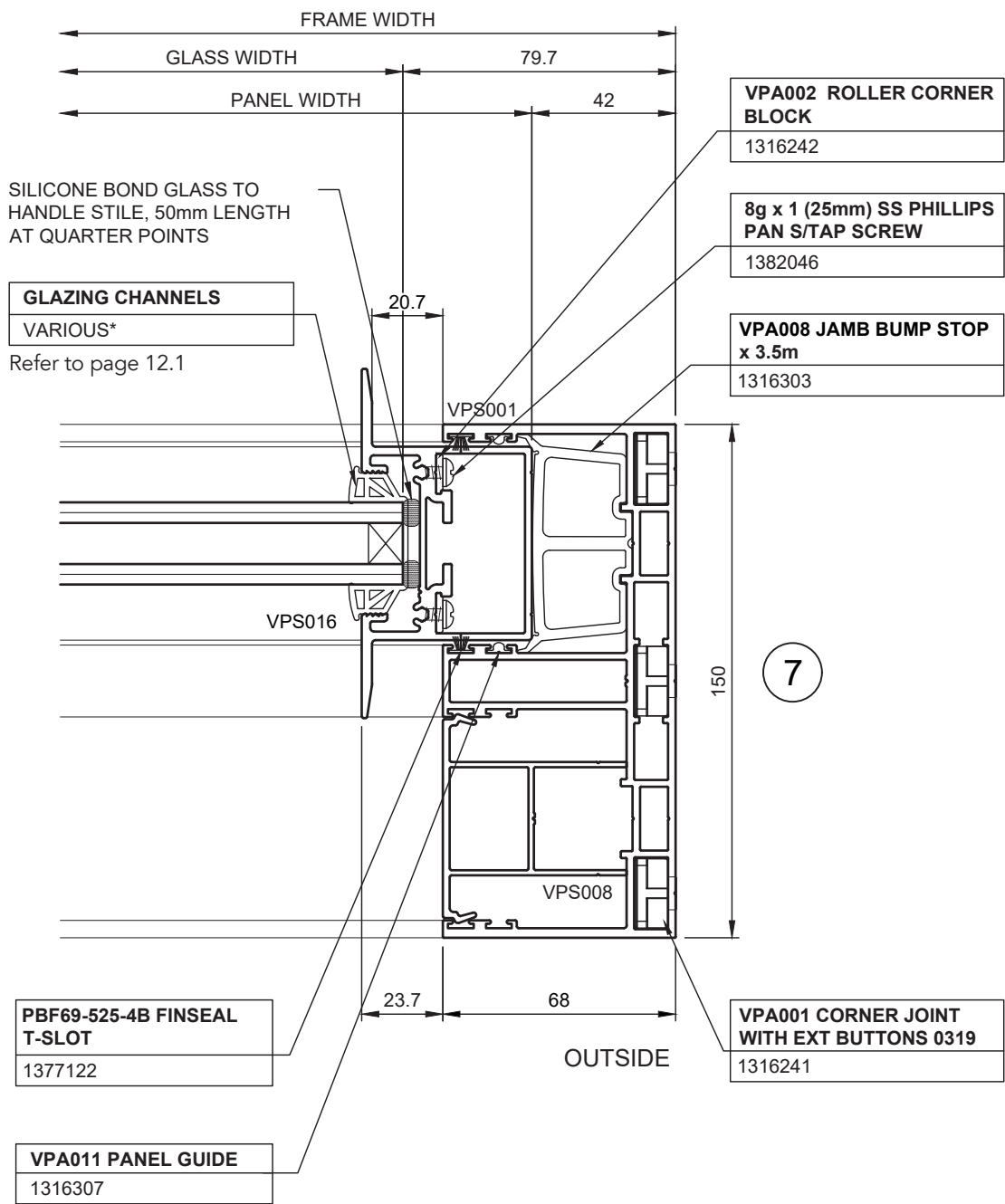
8. Typical Details

Double Glaze 150mm 2 Track Frame Jamb Fixed Panel & Interlock Detail



8. Typical Details

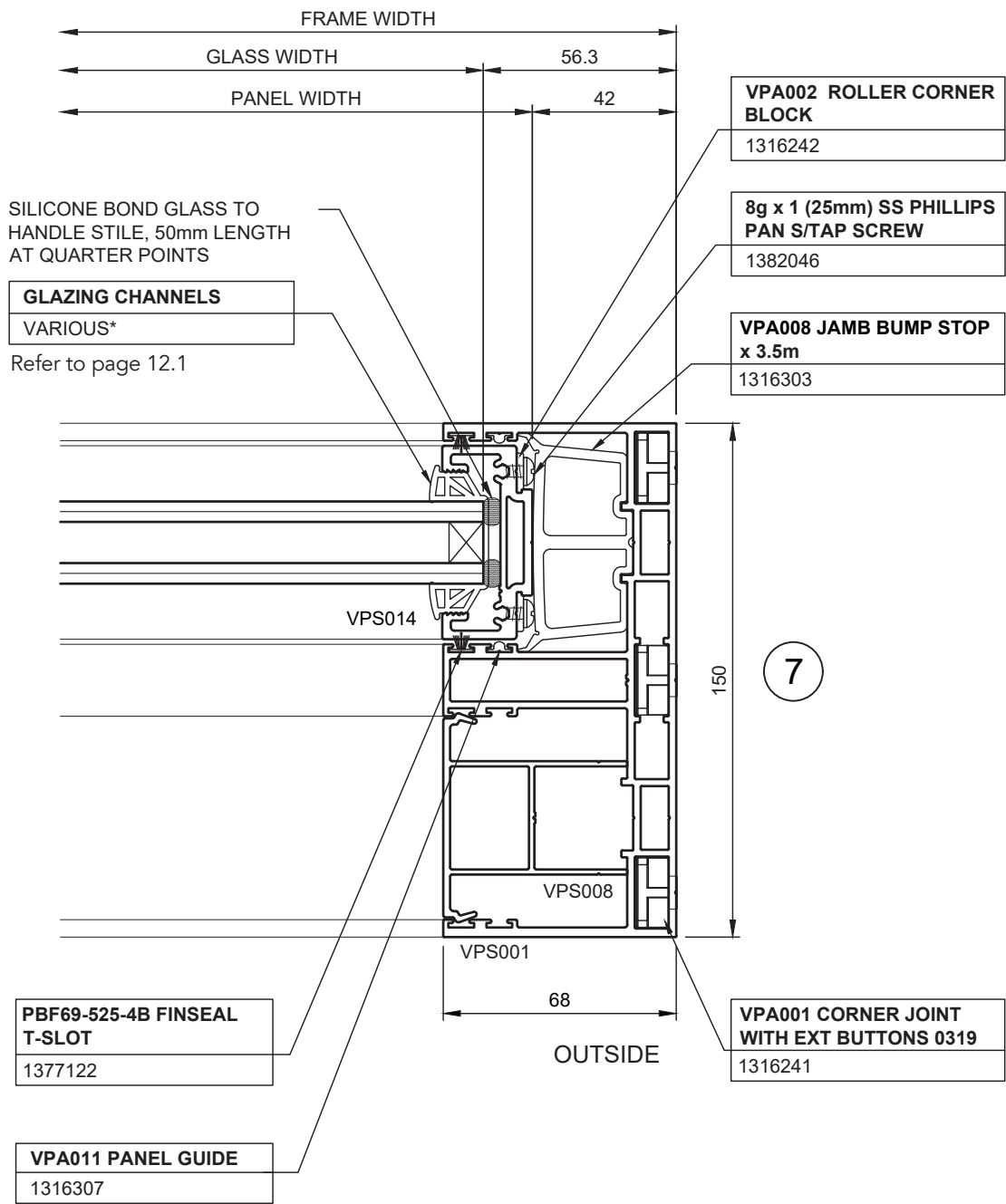
Double Glaze 150mm 2 Track Frame Jamb Sliding Panel 'Handle' Option Detail



8. Typical Details

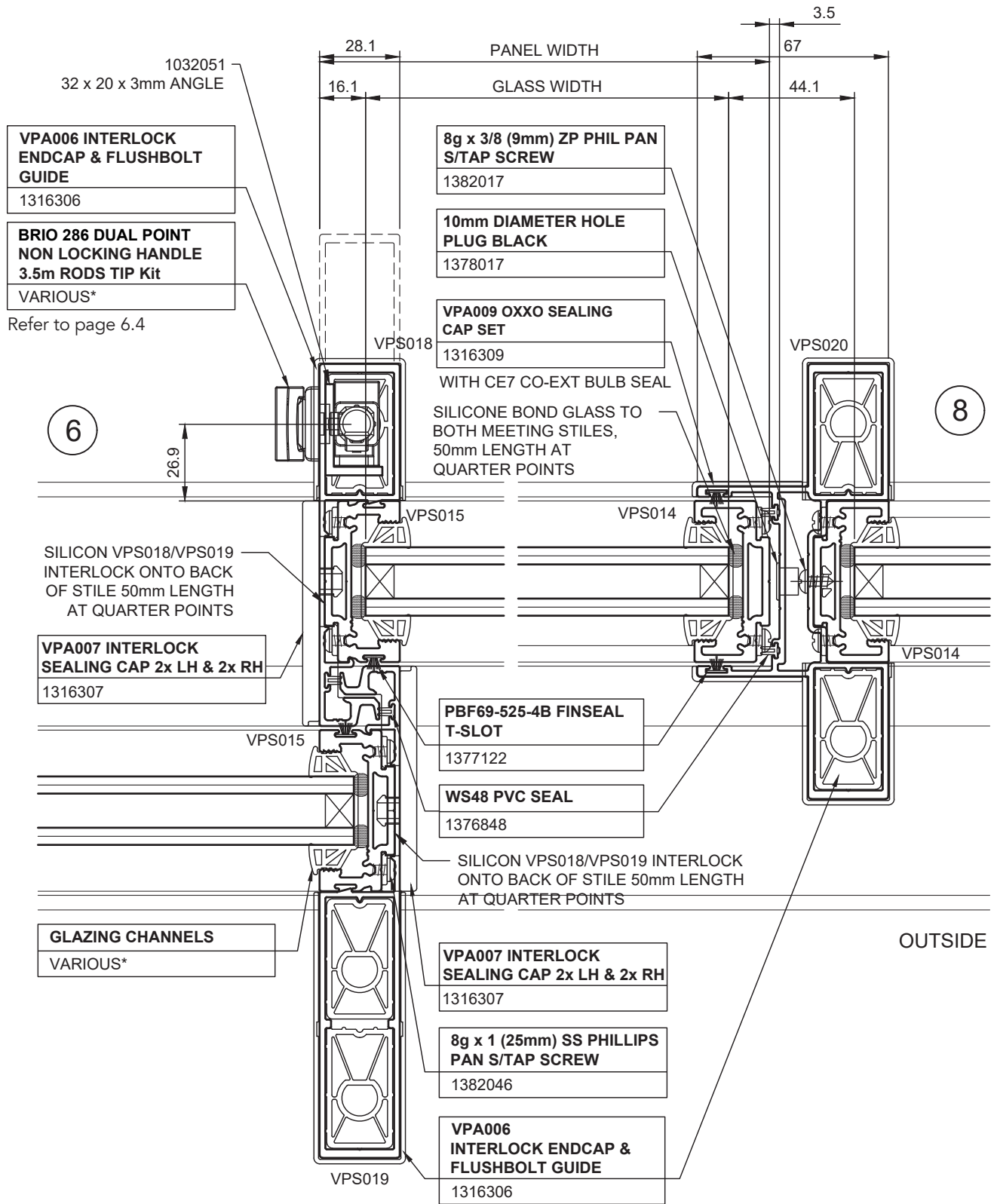
Double Glaze 150mm 2 Track Frame Jamb Sliding Panel 'Flush' Option Detail

NOTE: FLUSH JAMB OPTION HAS NO ACCESSIBLE HANDLES AND MINIMAL GRAB POINTS ON THE EXTERNAL FACE OF THE PANEL MAKING IT DIFFICULT TO OPEN THE DOOR FROM THE OUTSIDE



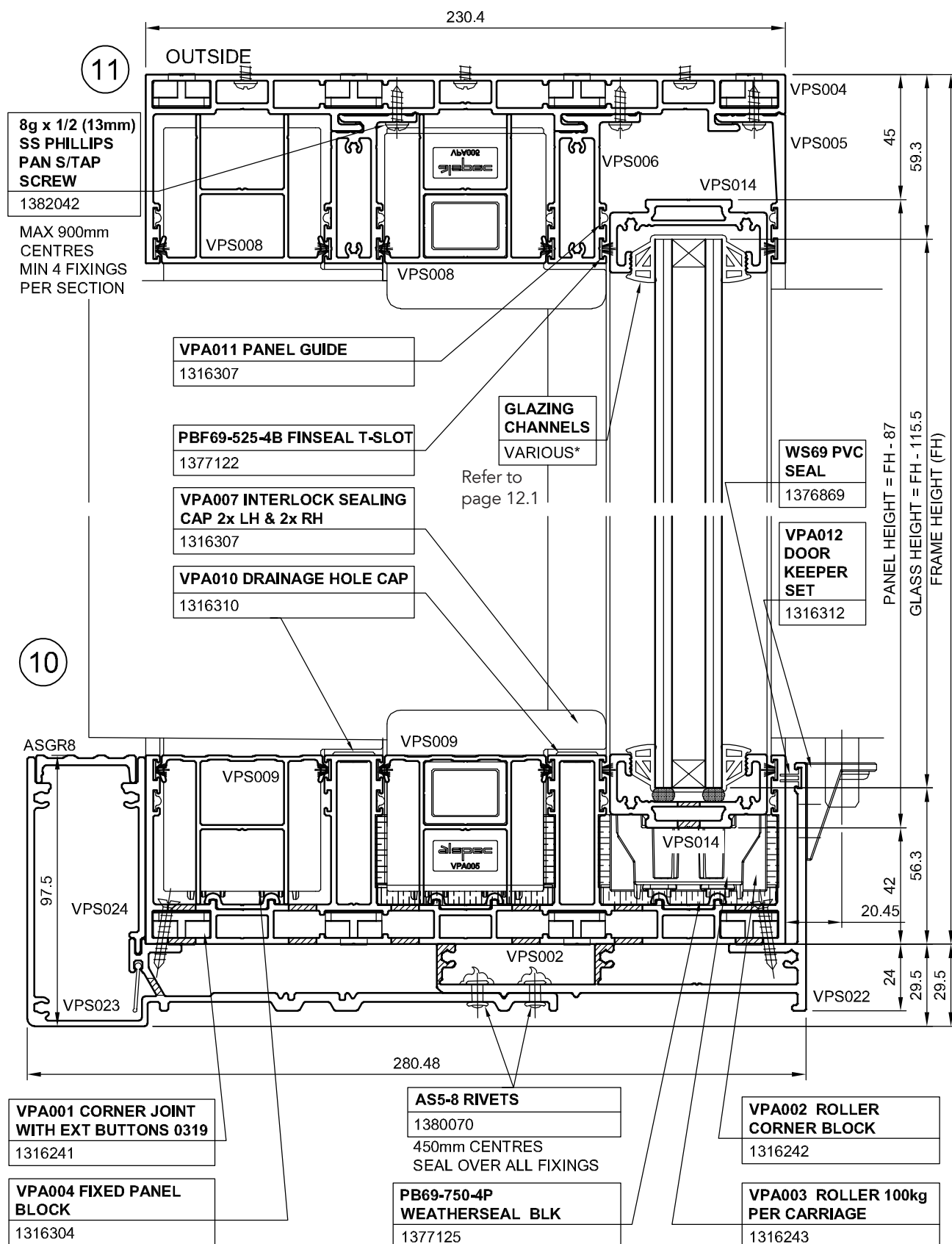
8. Typical Details

Double Glaze 150mm 2 Track Meeting Stile Detail



8. Typical Details

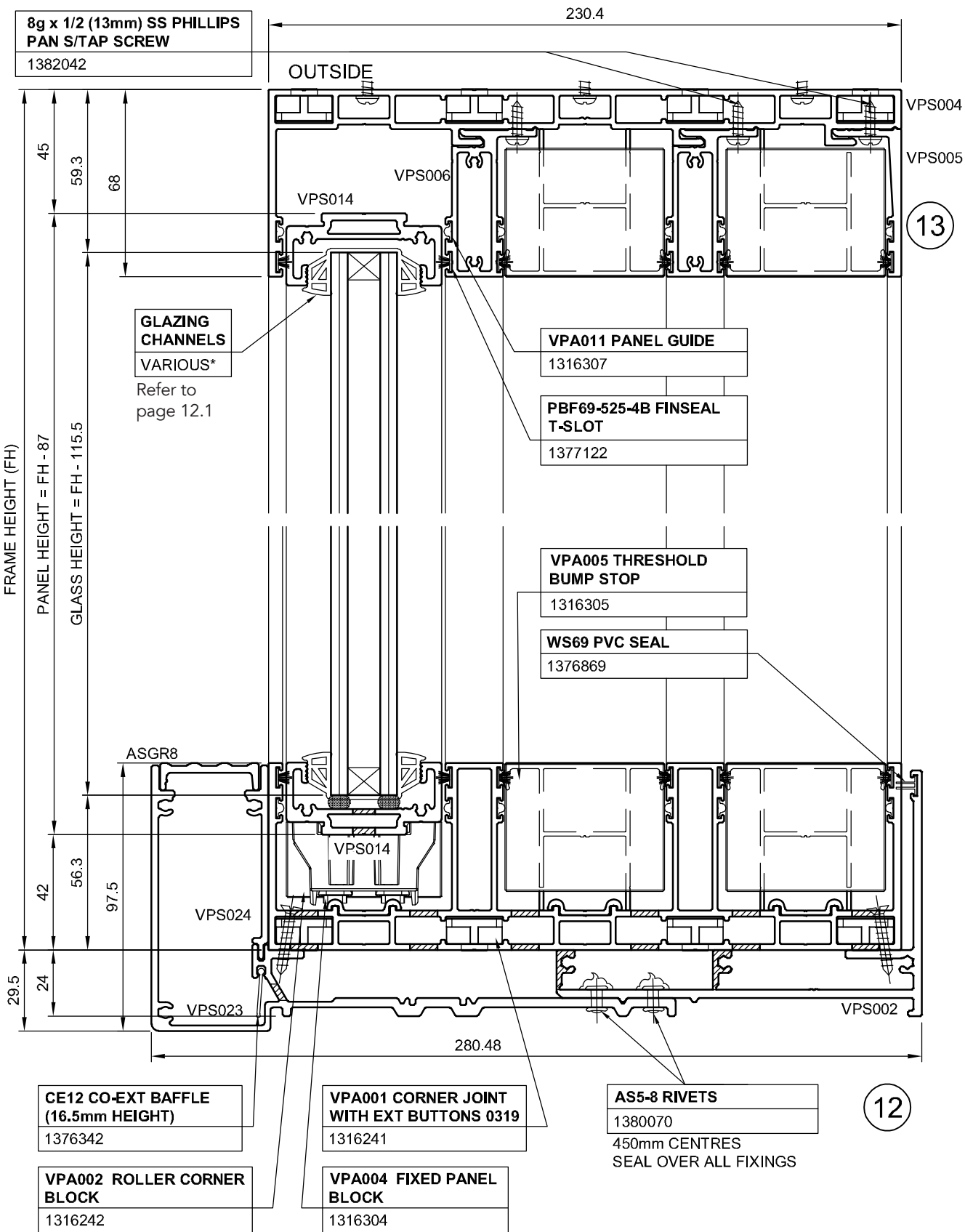
Double Glaze 230mm 3 Track Frame Head & Sill Detail - Sliding Panel



NOTE: HEAD CAN BE INSTALLED WITH VPS005 ON THE EXTERNAL FACE

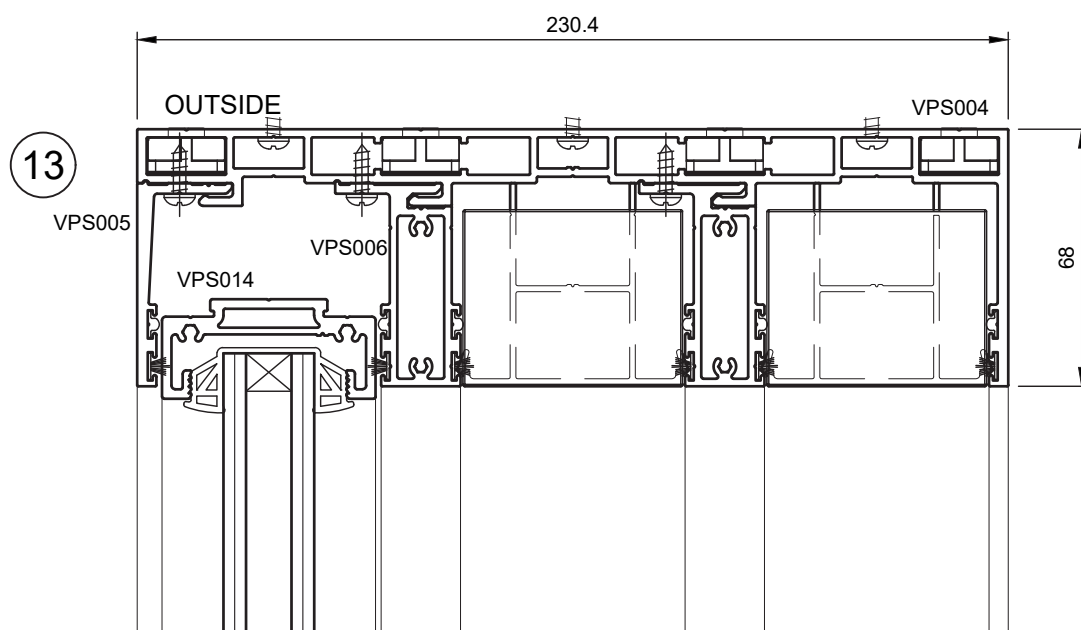
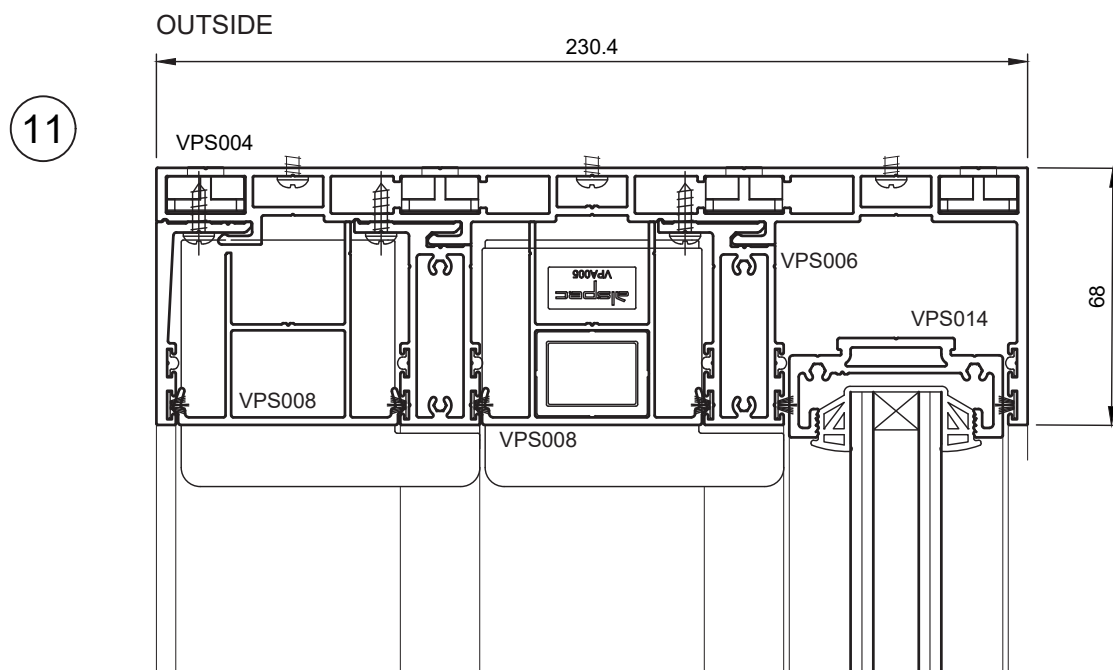
8. Typical Details

Double Glaze 230mm 3 Track Frame Head & Sill Detail - Fixed Panel



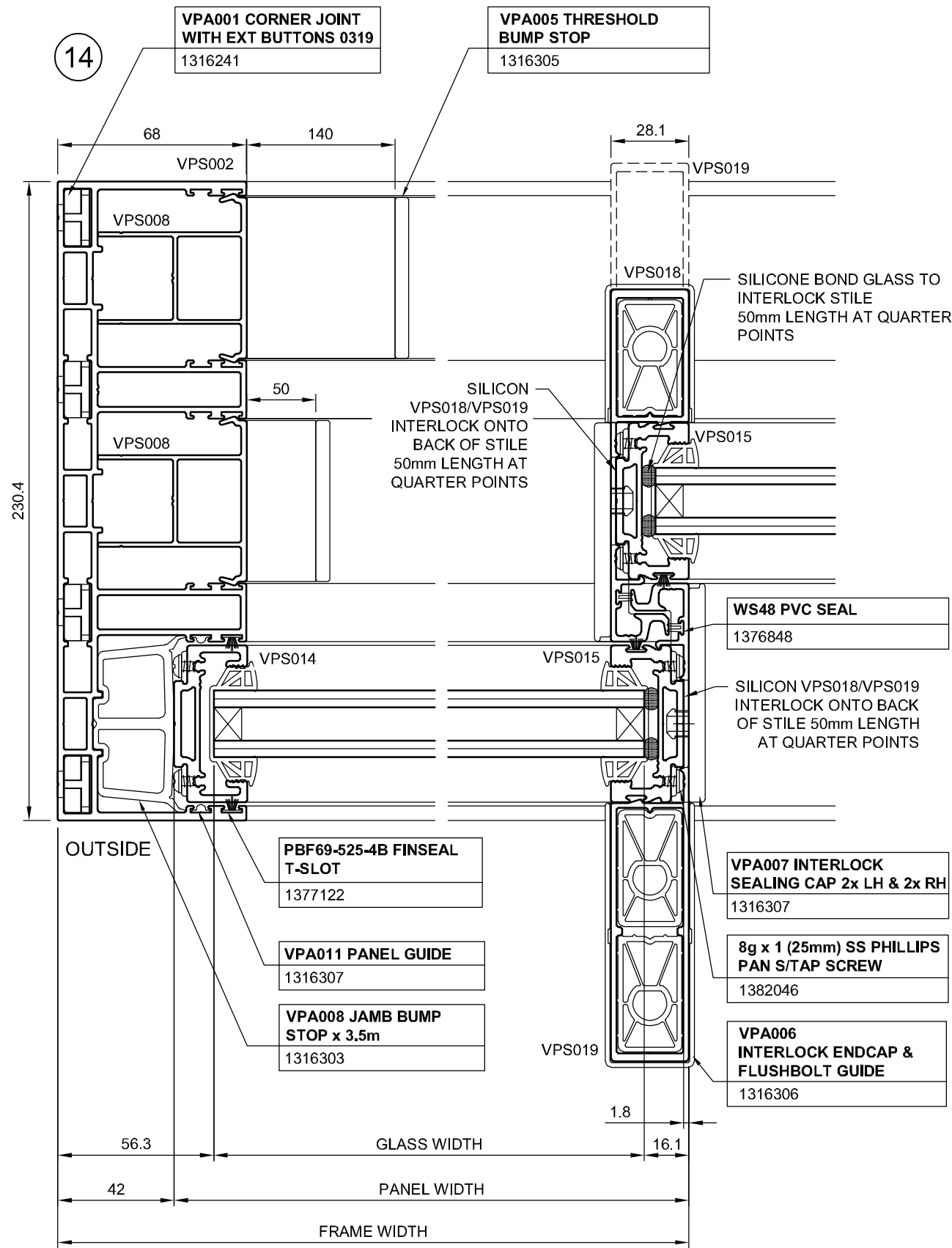
NOTE: HEAD CAN BE INSTALLED WITH VPS005 ON THE EXTERNAL FACE

230mm Frame Bead VPS005 on the External Face



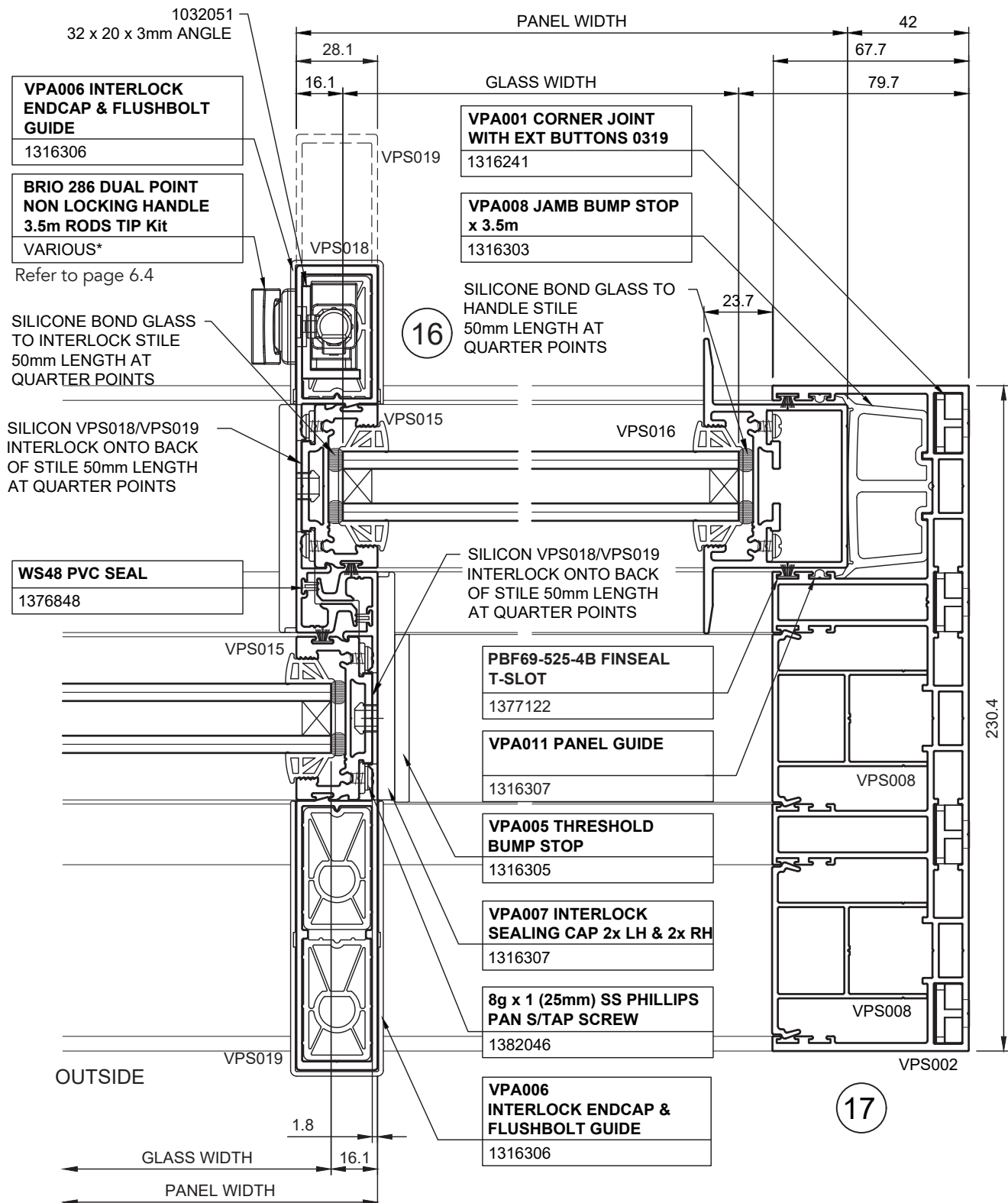
8. Typical Details

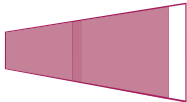
Double Glaze 230mm 3 Track Frame Jamb Fixed Panel & Interlock Detail



8. Typical Details

Double Glaze 230mm 3 Track Frame Jamb Sliding Panel 'Handle' Option Detail

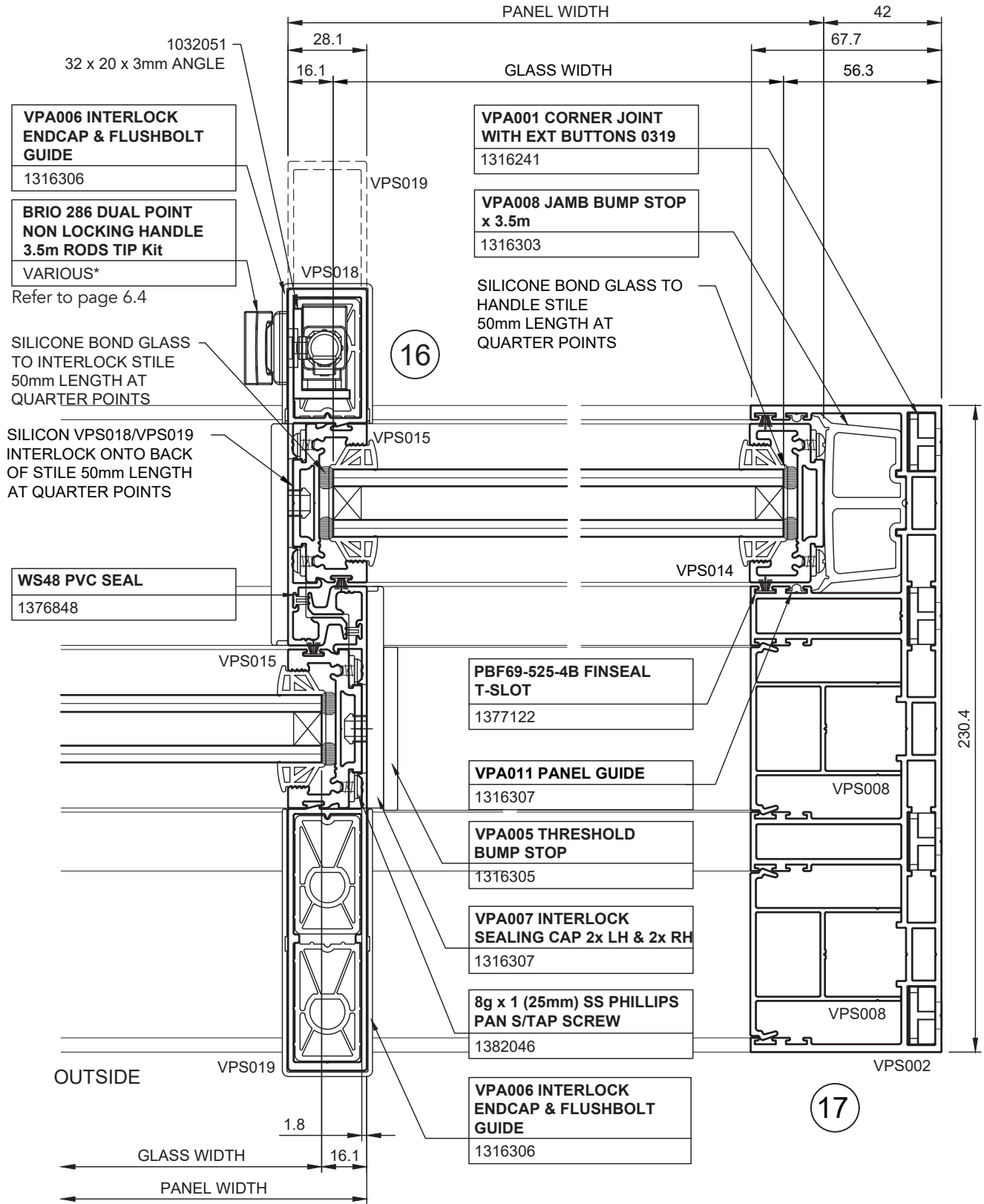




8. Typical Details

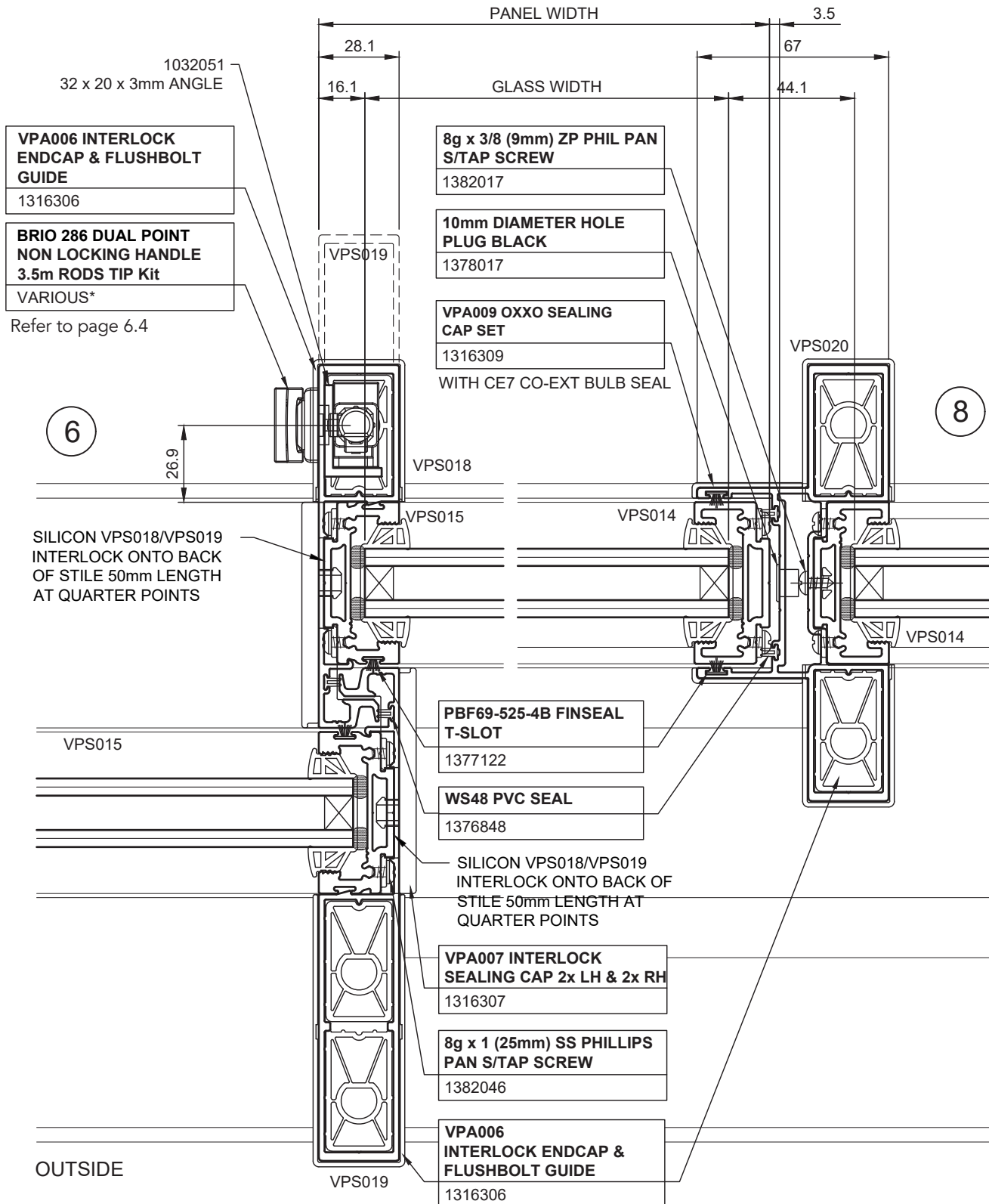
Double Glaze 230mm 3 Track Frame Jamb Sliding Panel 'Flush' Option Detail

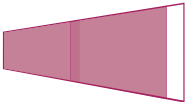
NOTE: FLUSH JAMB OPTION HAS NO ACCESSIBLE HANDLES AND MINIMAL GRAB POINTS ON THE EXTERNAL FACE OF THE PANEL MAKING IT DIFFICULT TO OPEN THE door FROM THE OUTSIDE



8. Typical Details

Double Glaze 230mm 3 Track Meeting Stile Detail

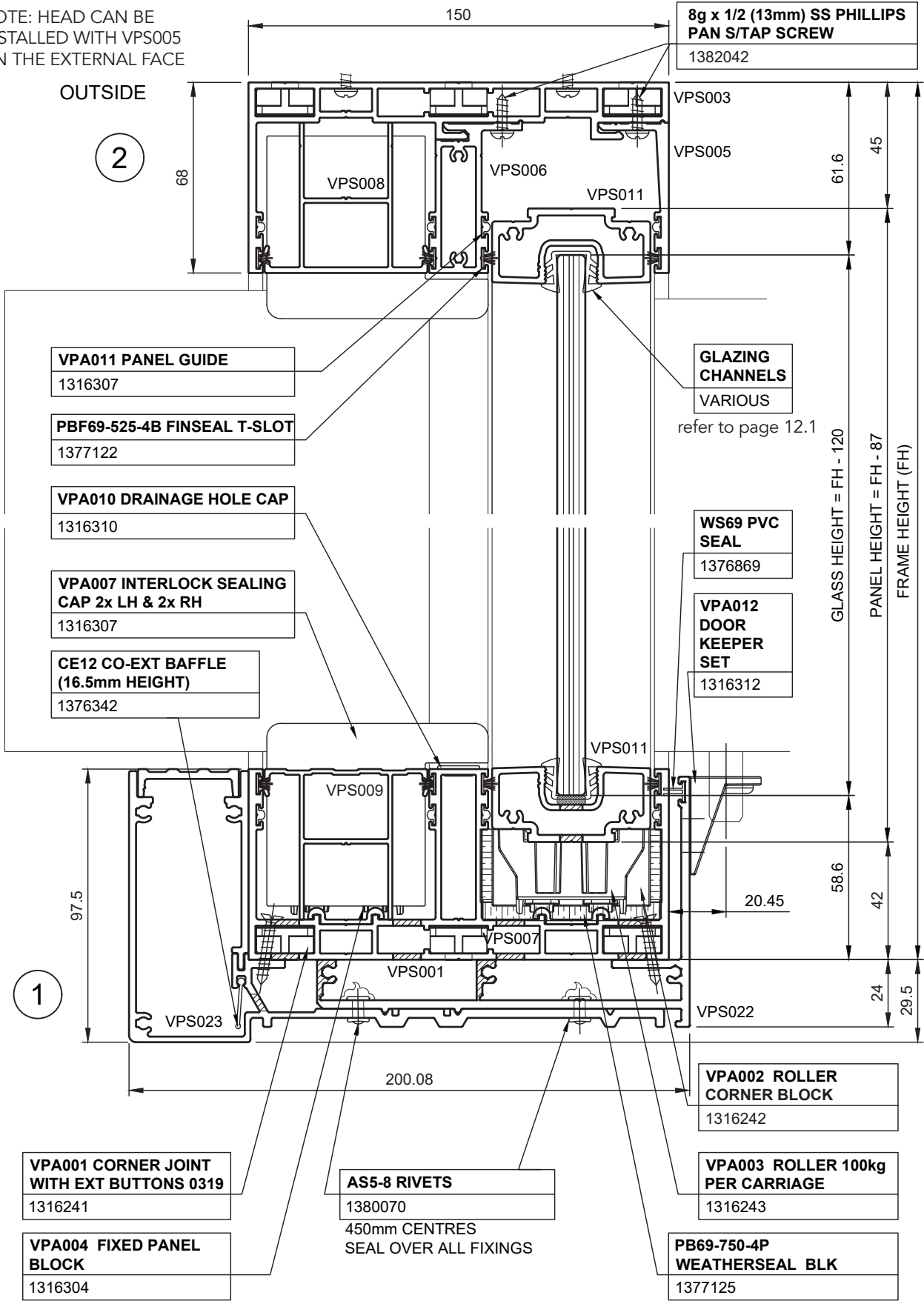




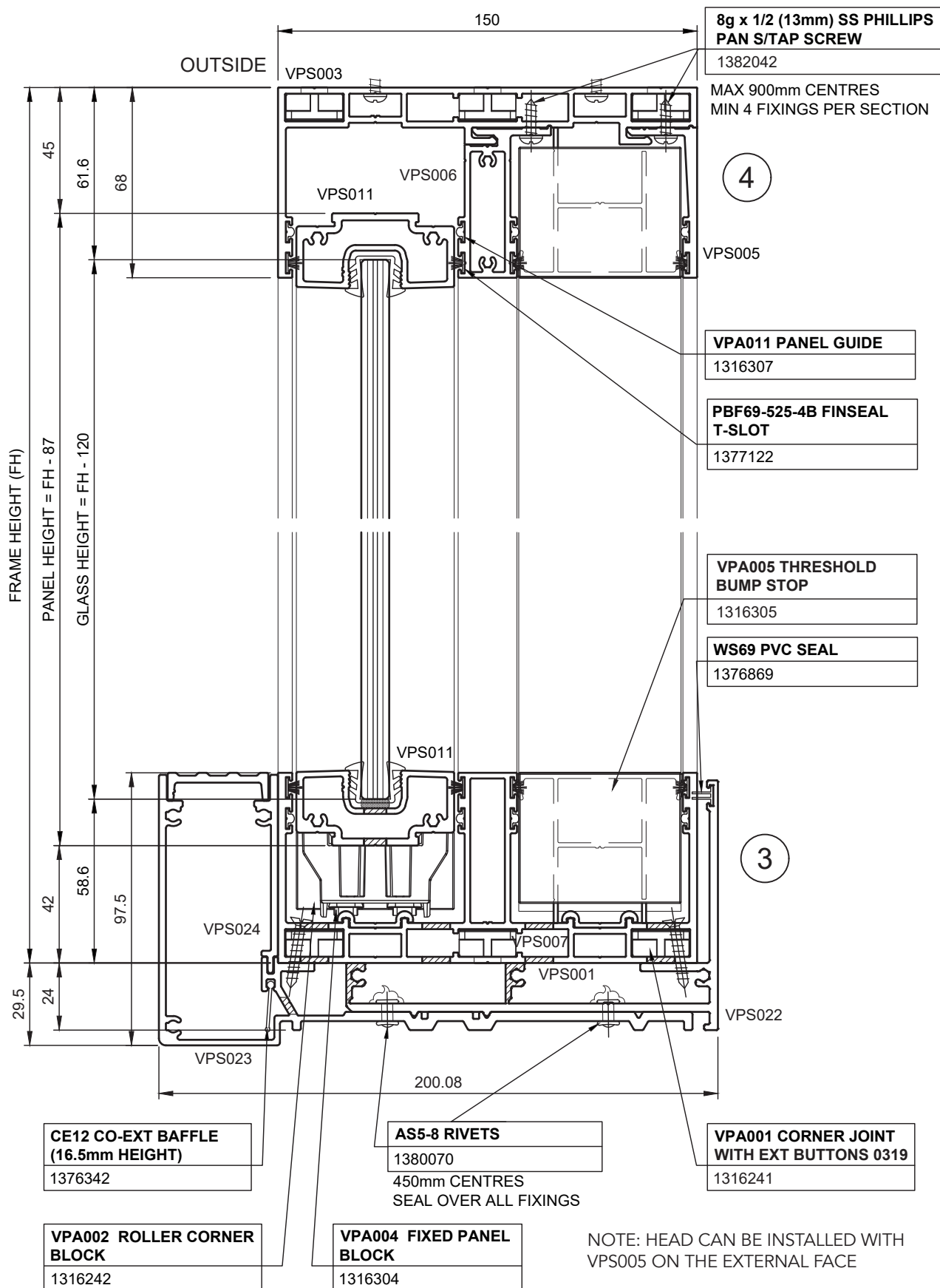
8. Typical Details

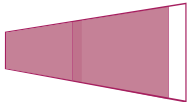
Single Glazed 150mm 2 Track Frame Head & Sill Detail - Sliding Panel

NOTE: HEAD CAN BE
INSTALLED WITH VPS005
ON THE EXTERNAL FACE



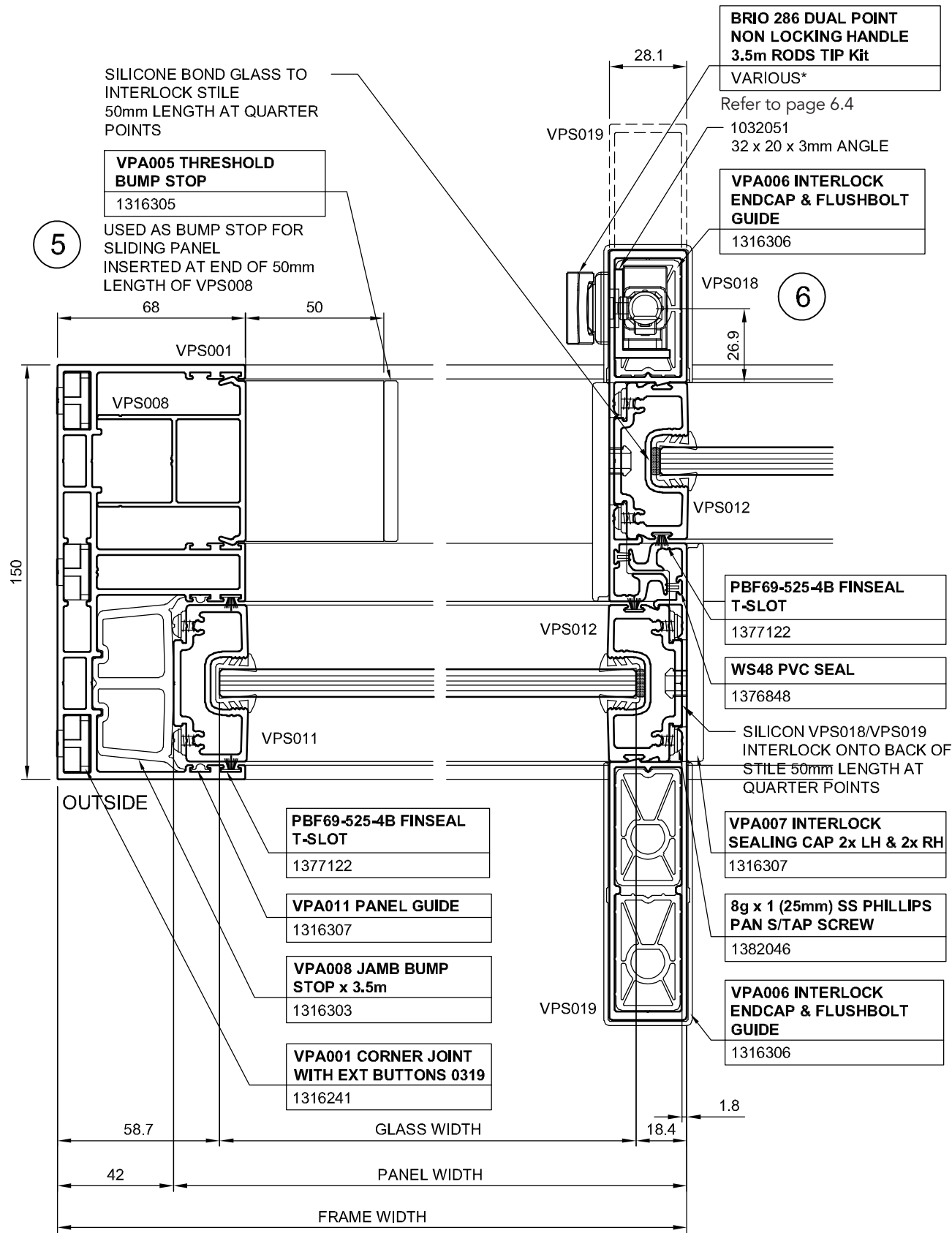
Single Glazed 150mm 2 Track Frame Head & Sill Detail - Fixed Panel





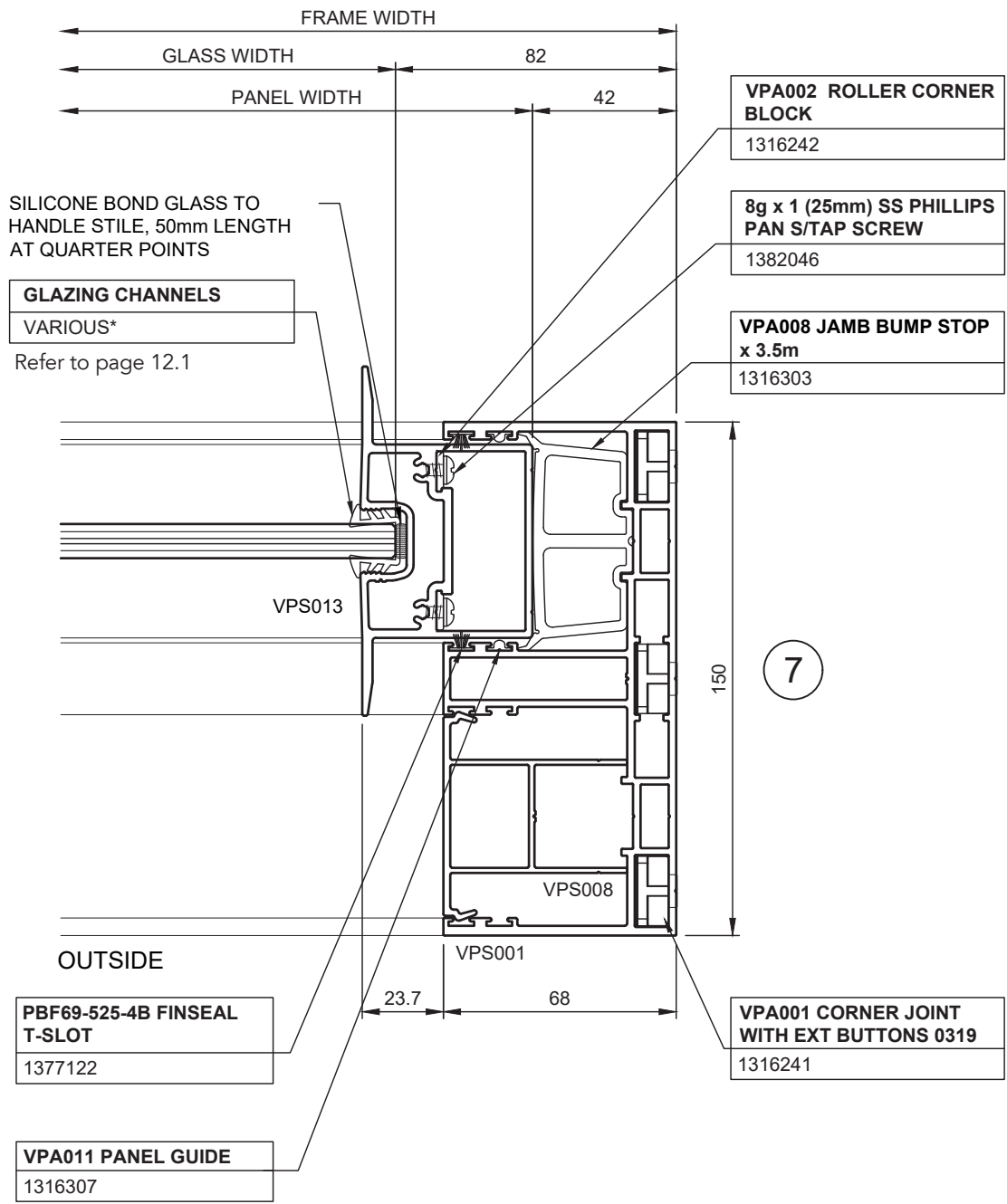
8. Typical Details

Single Glazed 150mm 2 Track Frame Jamb Fixed Panel & Interlock Detail



8. Typical Details

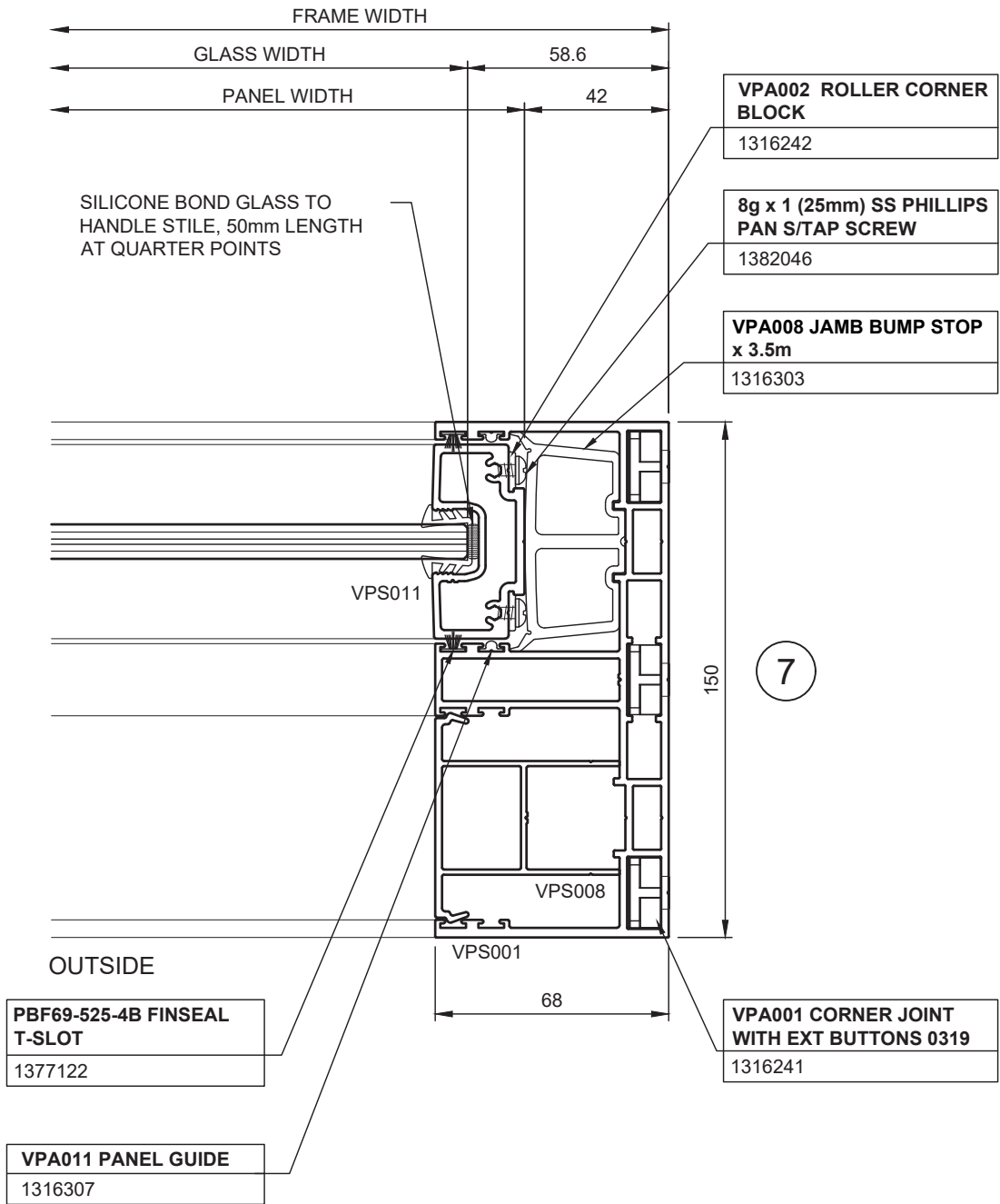
Single Glazed 150mm 2 Track Frame Jamb Sliding Panel 'Handle' Option Detail



8. Typical Details

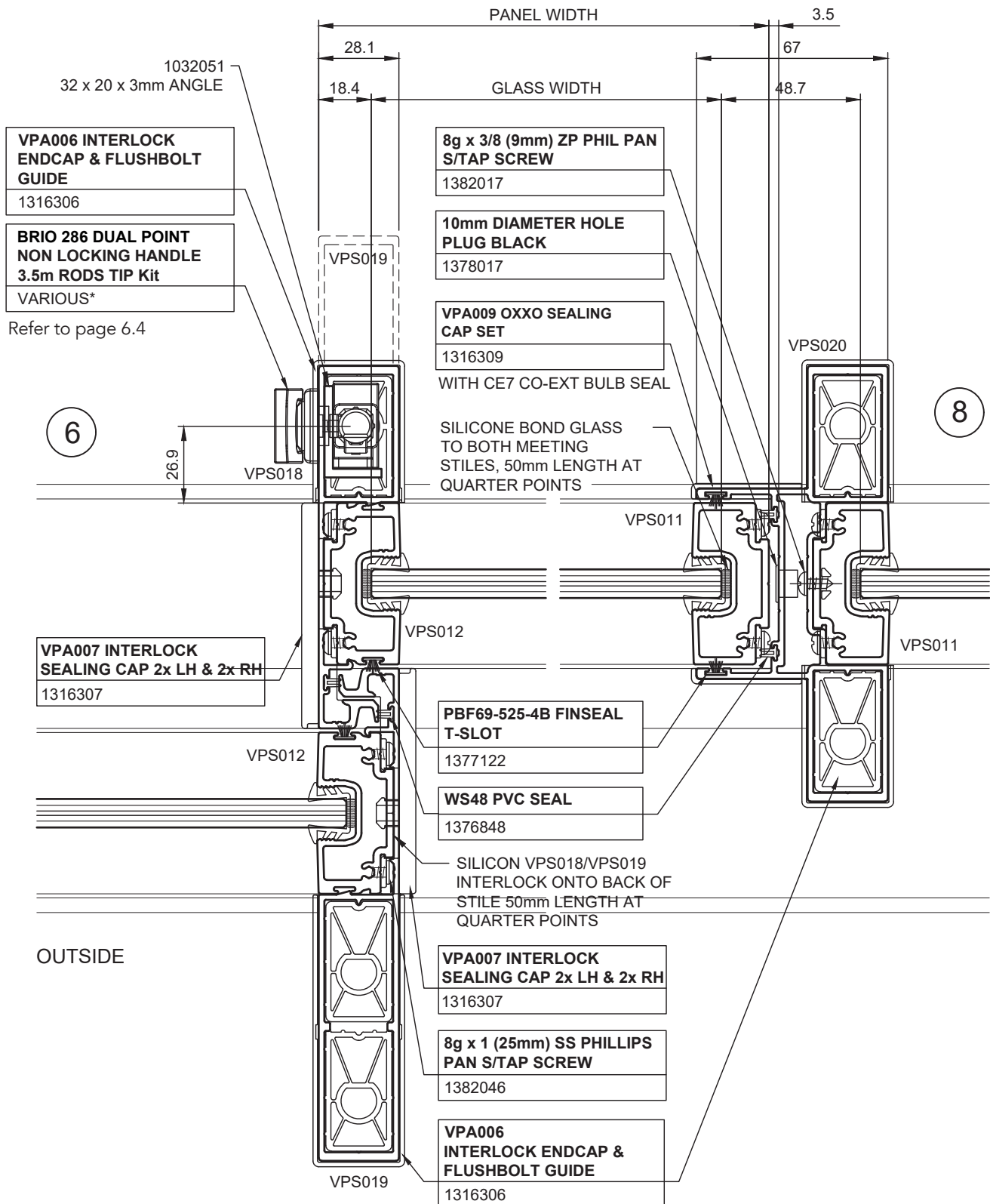
Single Glazed 150mm 2 Track Frame Jamb Sliding Panel 'Flush' Option Detail

NOTE: FLUSH JAMB OPTION HAS NO ACCESSIBLE HANDLES AND MINIMAL GRAB POINTS ON THE EXTERNAL FACE OF THE PANEL MAKING IT DIFFICULT TO OPEN THE DOOR FROM THE OUTSIDE

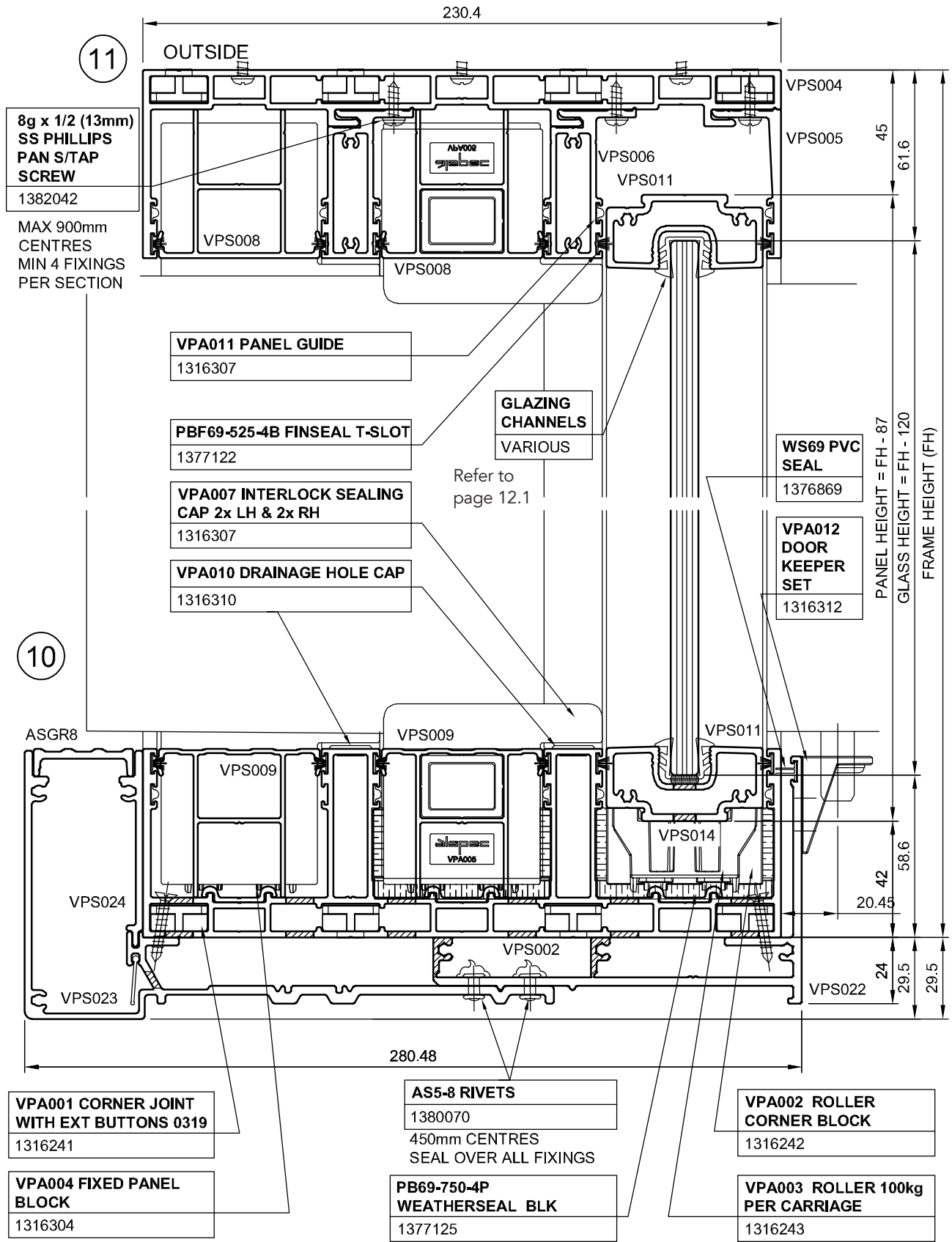


8. Typical Details

Single Glazed 150mm 2 Track Meeting Stile Detail



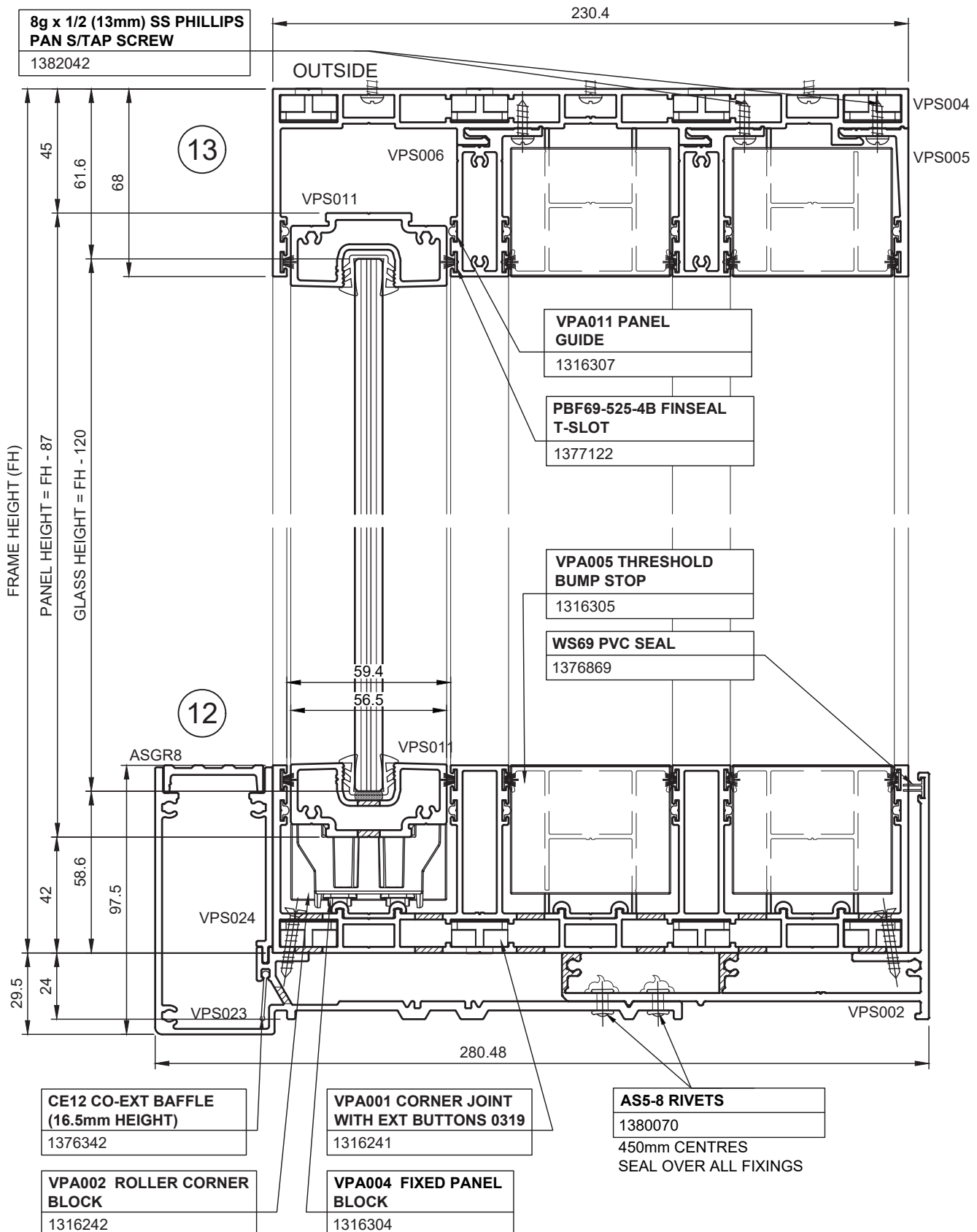
Single Glazed 230mm 3 Track Frame Head & Sill Detail - Sliding Panel

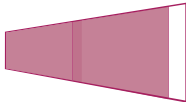


NOTE: HEAD CAN BE INSTALLED WITH VPS005 ON THE EXTERNAL FACE

8. Typical Details

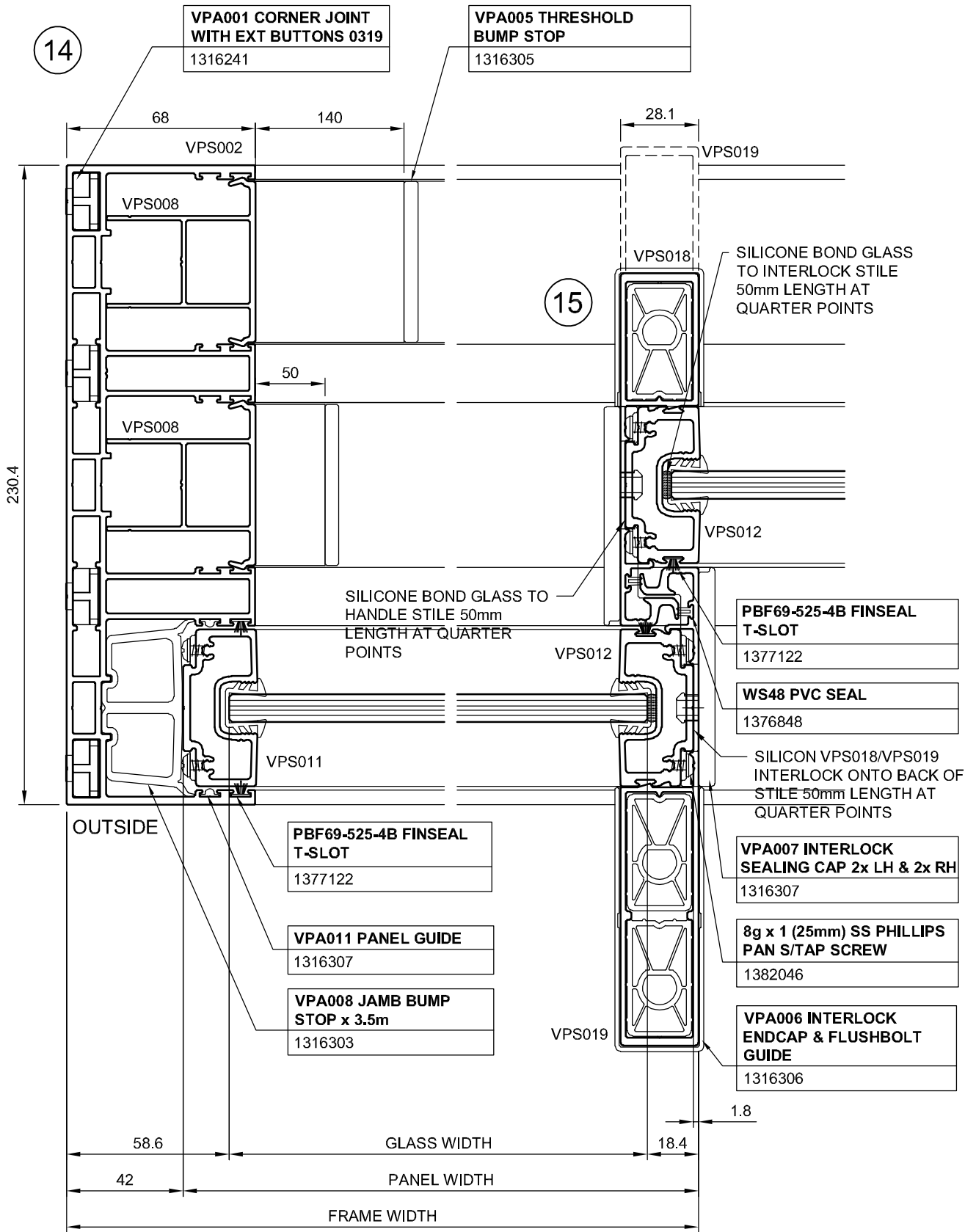
Single Glazed 230mm 3 Track Frame Head & Sill Detail - Fixed Panel





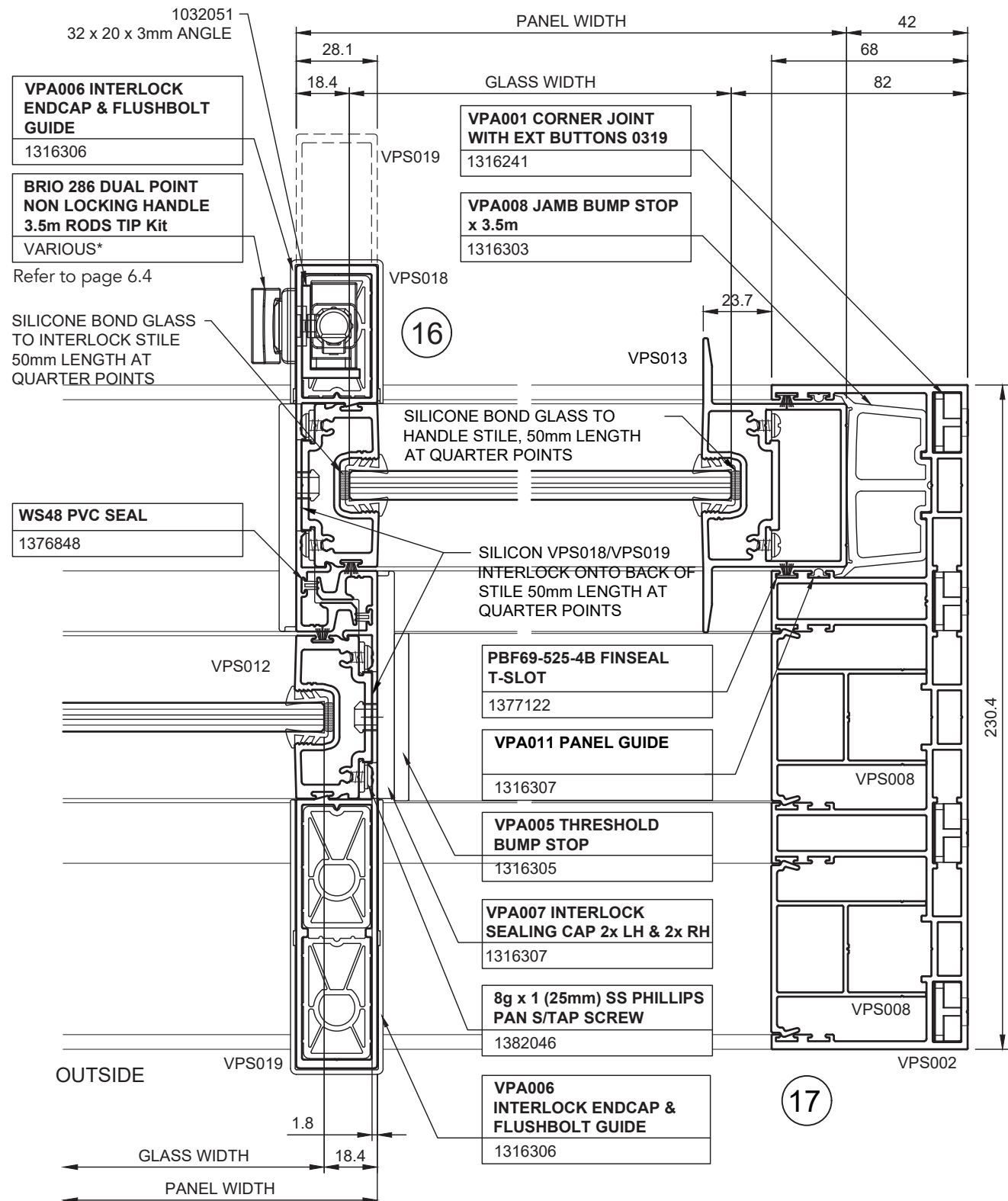
8. Typical Details

Single Glazed 230mm 3 Track Frame Jamb Fixed Panel & Interlock Detail



8. Typical Details

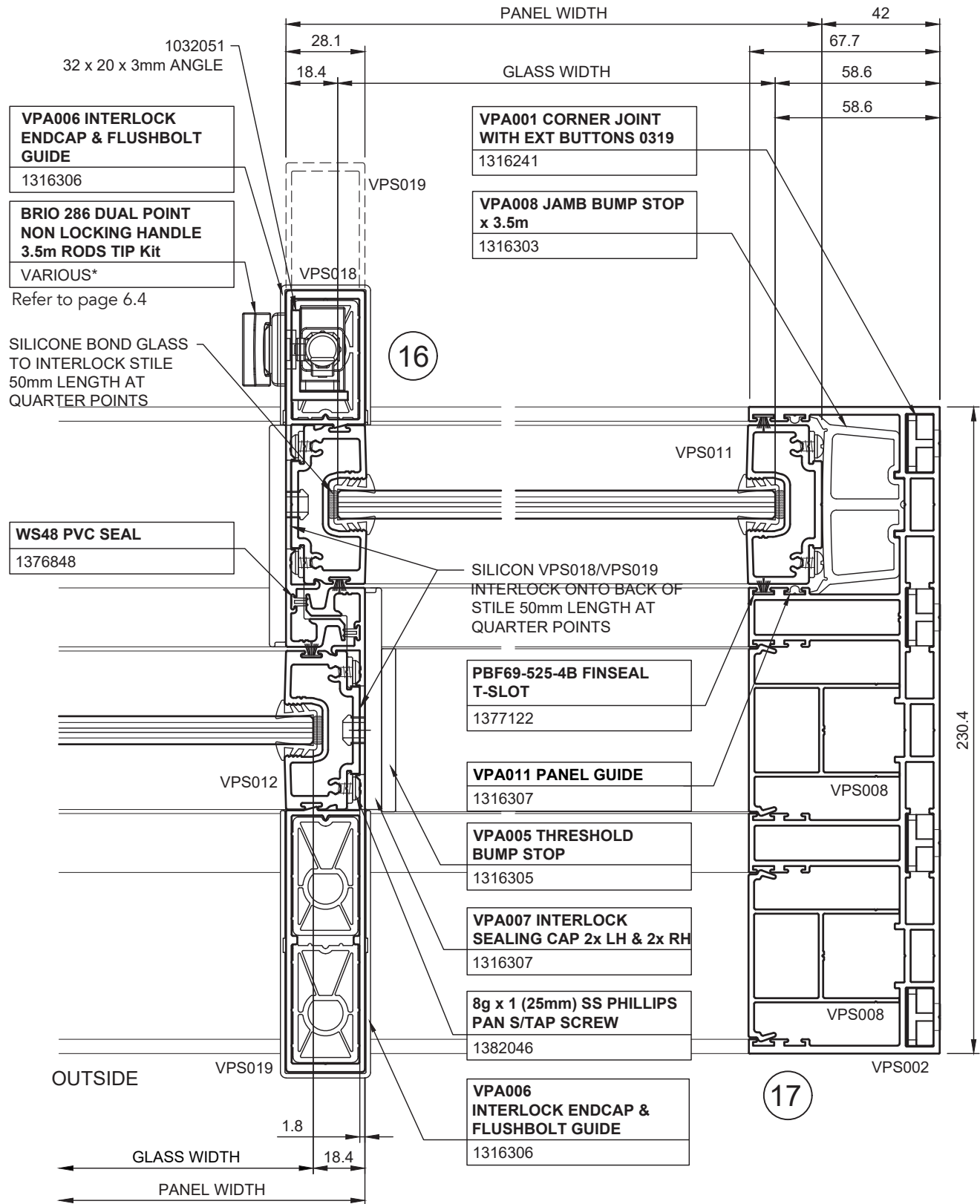
Single Glazed 230mm 3 Track Frame Jamb Sliding Panel 'Handle' Option Detail



8. Typical Details

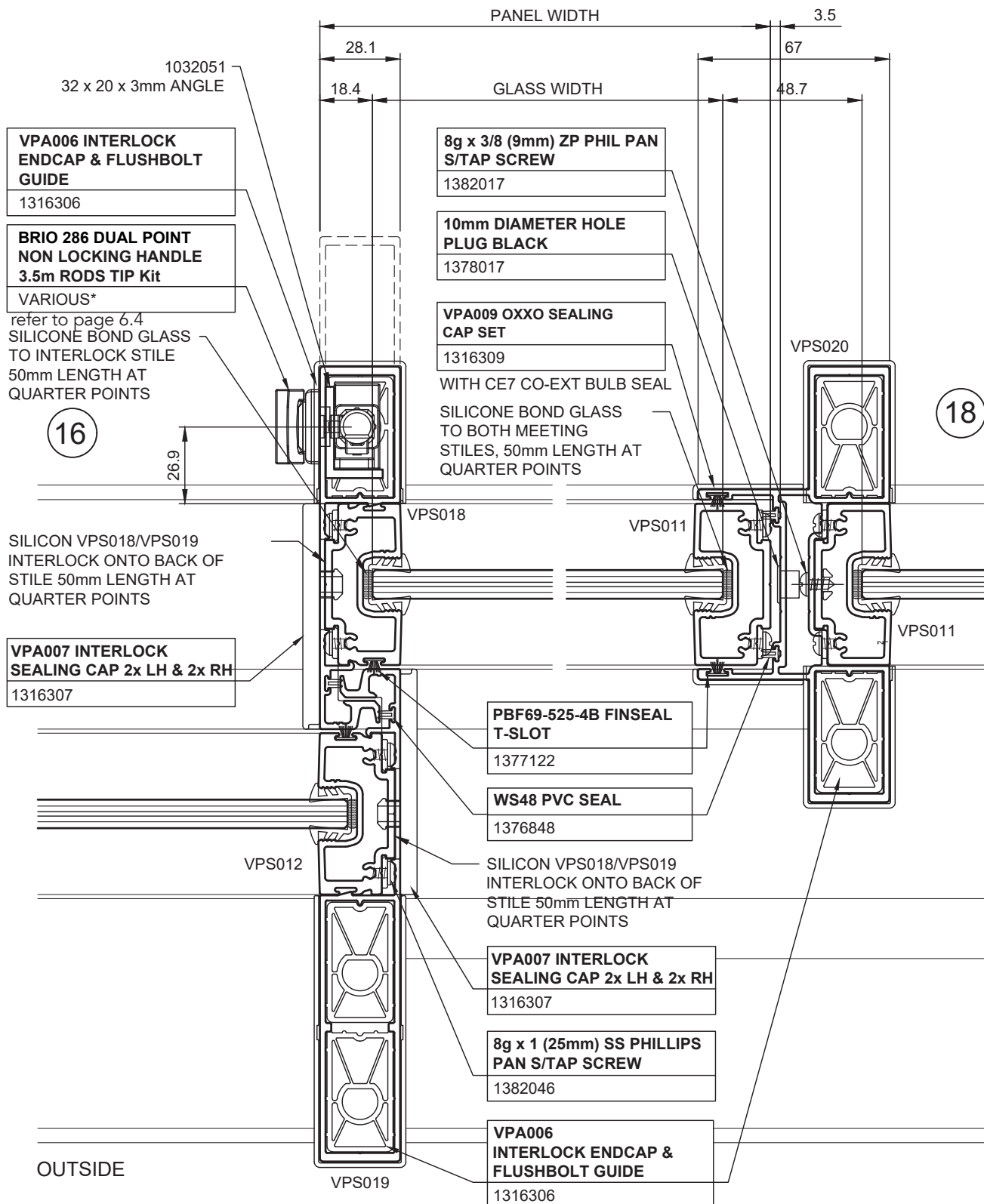
Single Glazed 230mm 3 Track Frame Jamb Sliding Panel 'Flush' Option Detail

NOTE: FLUSH JAMB OPTION HAS NO ACCESSIBLE HANDLES AND MINIMAL GRAB POINTS ON THE EXTERNAL FACE OF THE PANEL MAKING IT DIFFICULT TO OPEN THE DOOR FROM THE OUTSIDE

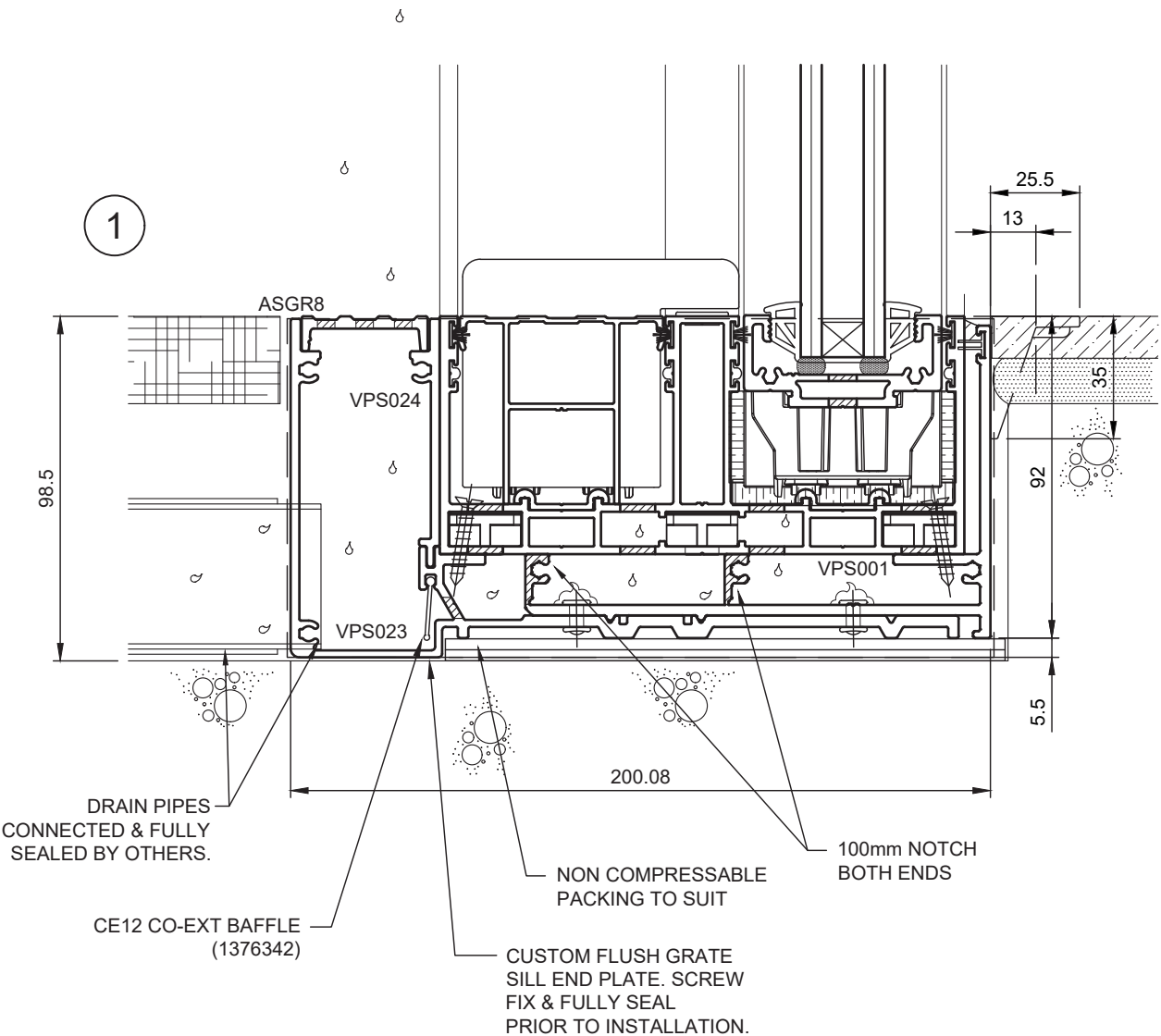


8. Typical Details

Single Glazed 230mm 3 Track Meeting Stile Detail



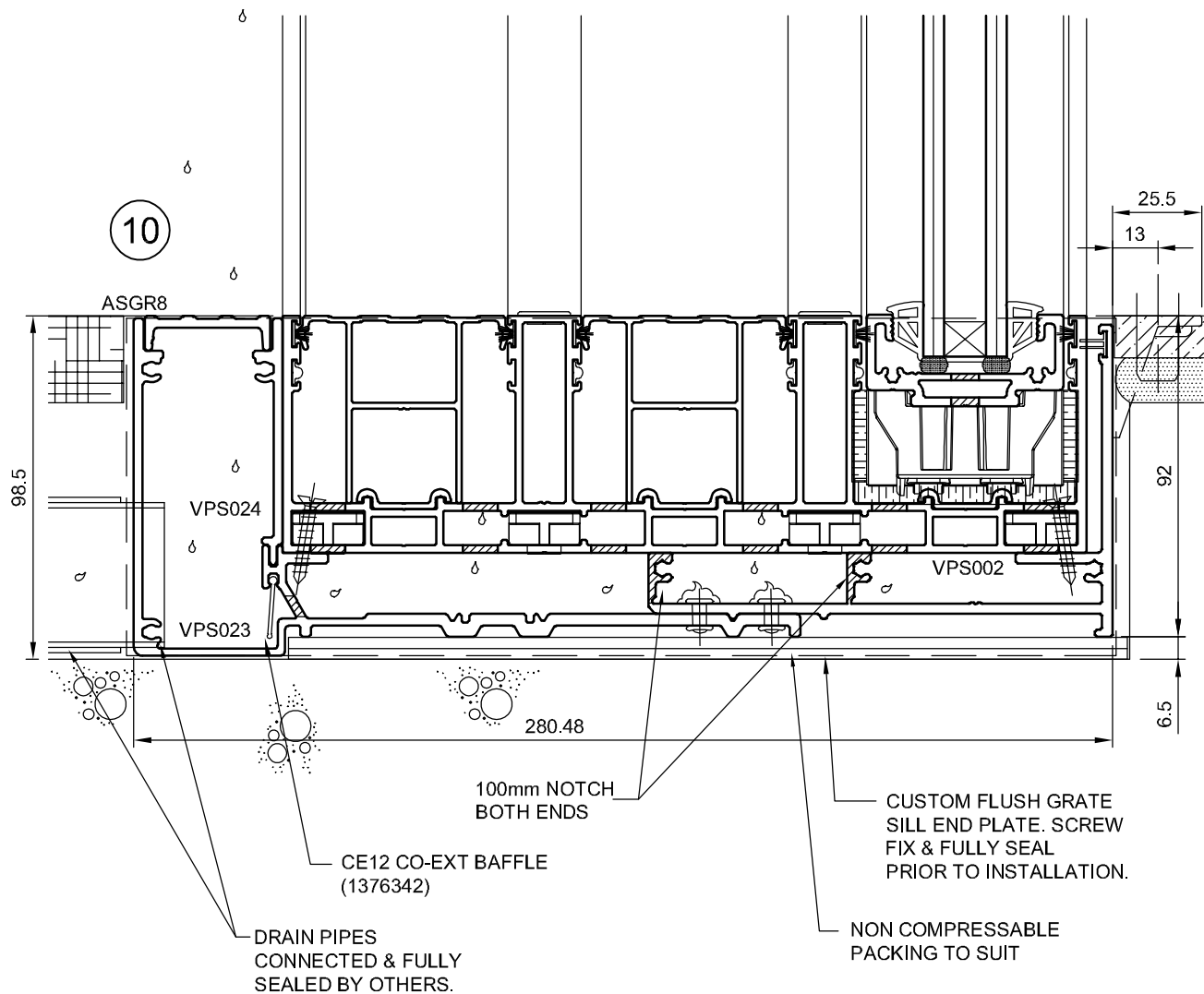
Typical Embedded Sill - 2 Track Detail



USE SMALL JOINT SEALANT TO ALL FRAME JOINTS AS AN ALTERNATE TO FRAME JOINT GASKETS

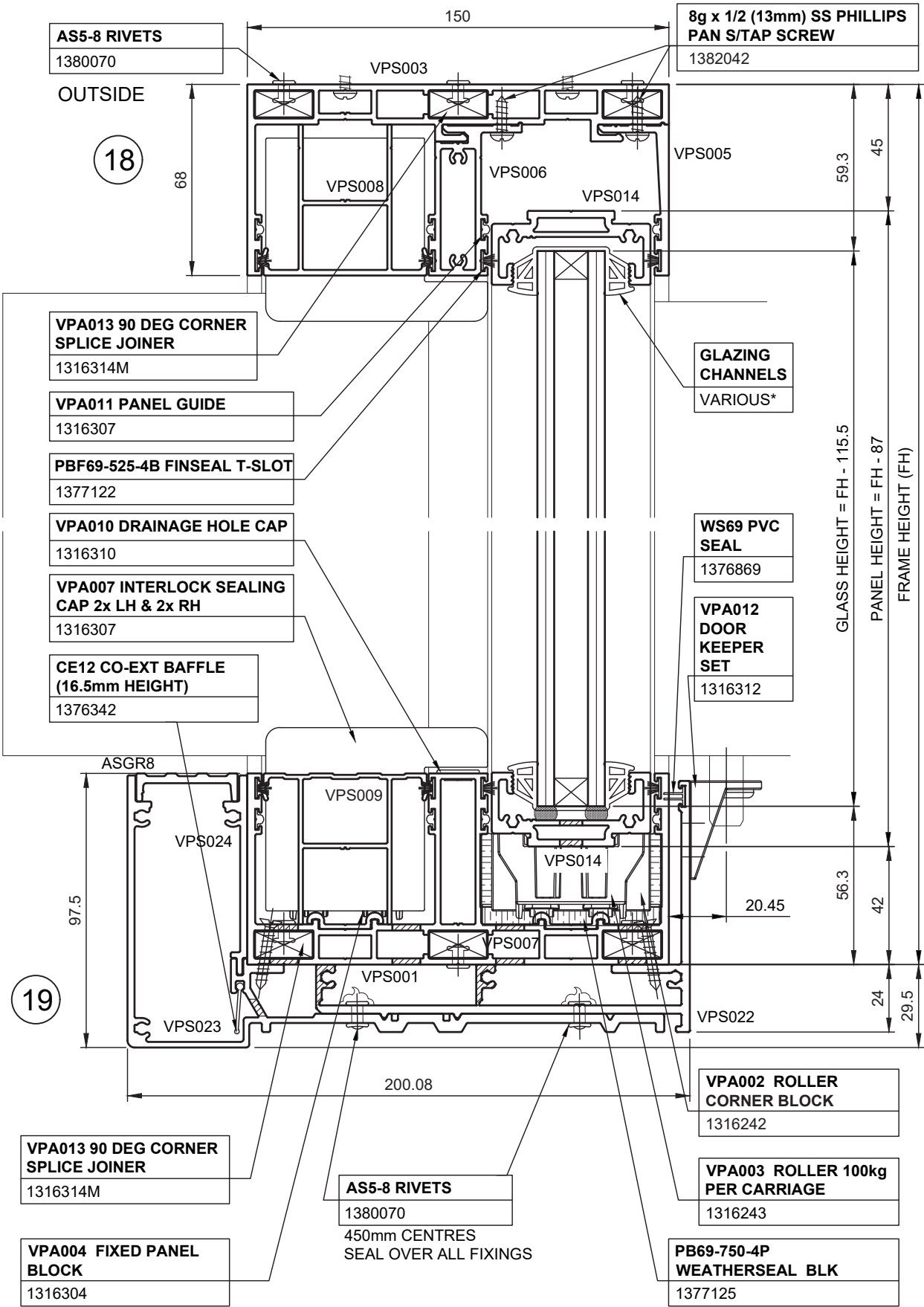
8. Typical Details

Typical Embedded Sill - 3 Track Detail



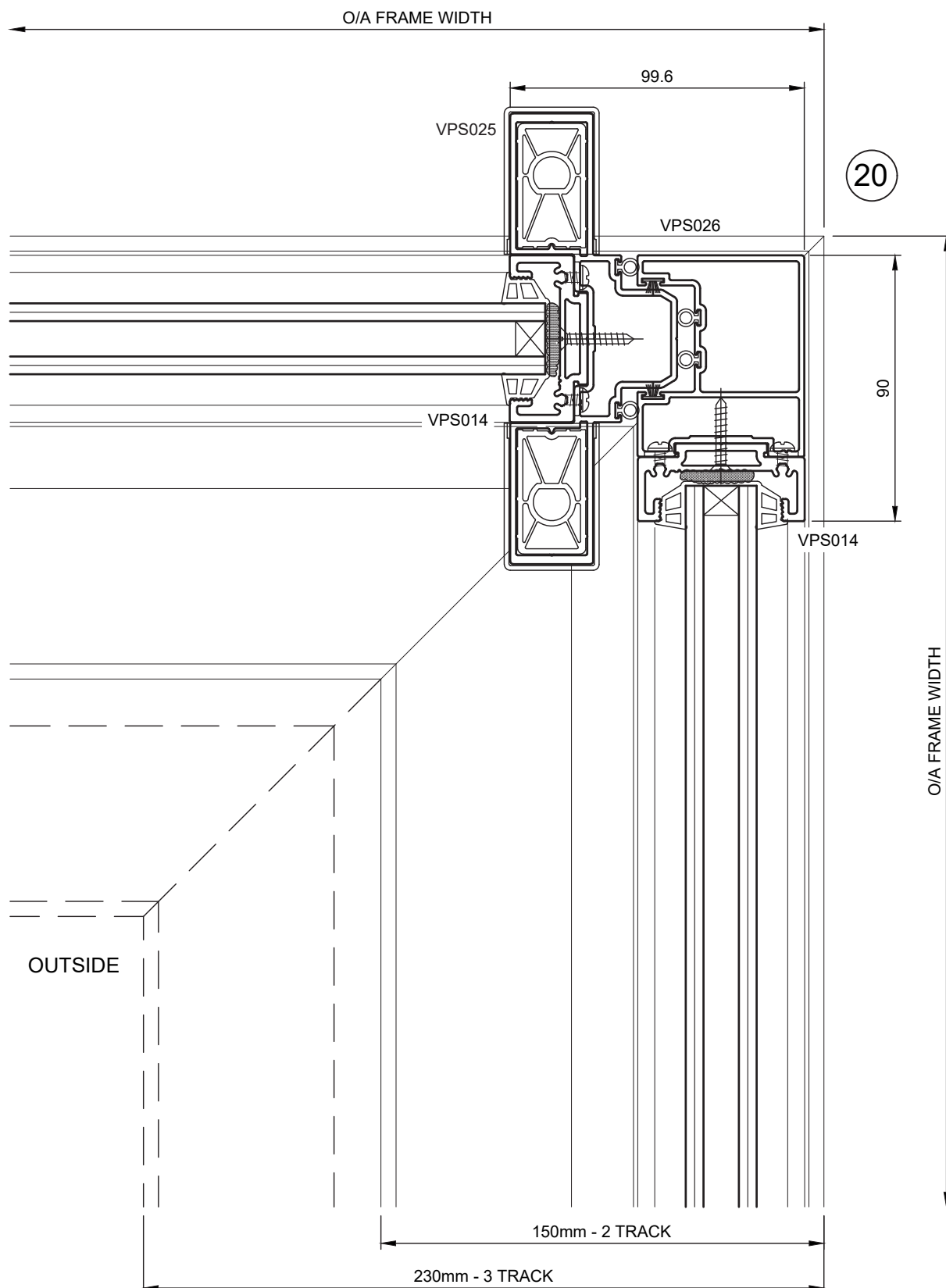
USE SMALL JOINT SEALANT TO ALL FRAME JOINTS AS AN ALTERNATE TO FRAME JOINT GASKETS

90 Deg Internal Corner 150mm 2 Track Frame Head & Sill Detail - Sliding Panel



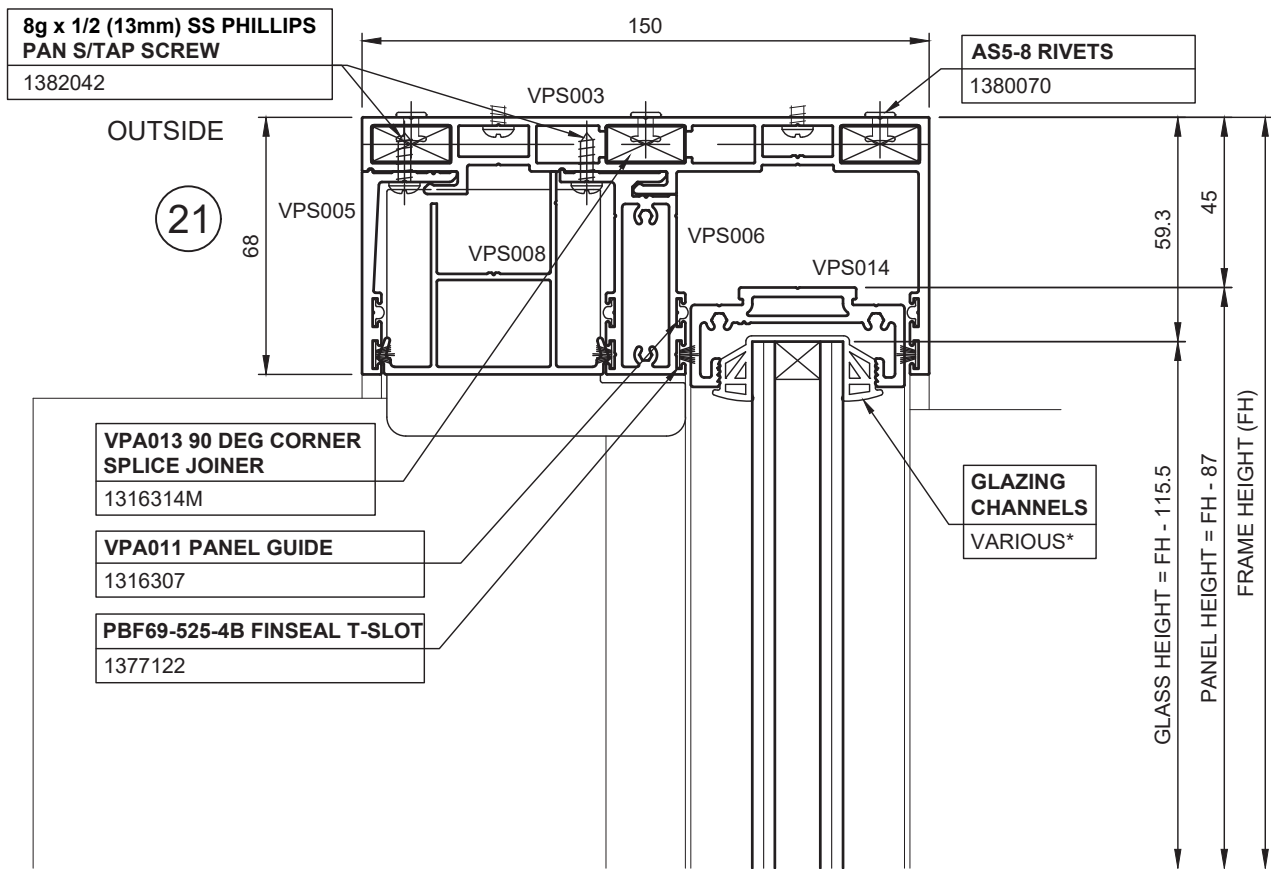
8. Typical Details

90 Deg Internal Corner Detail - Corner Meeting Stiles



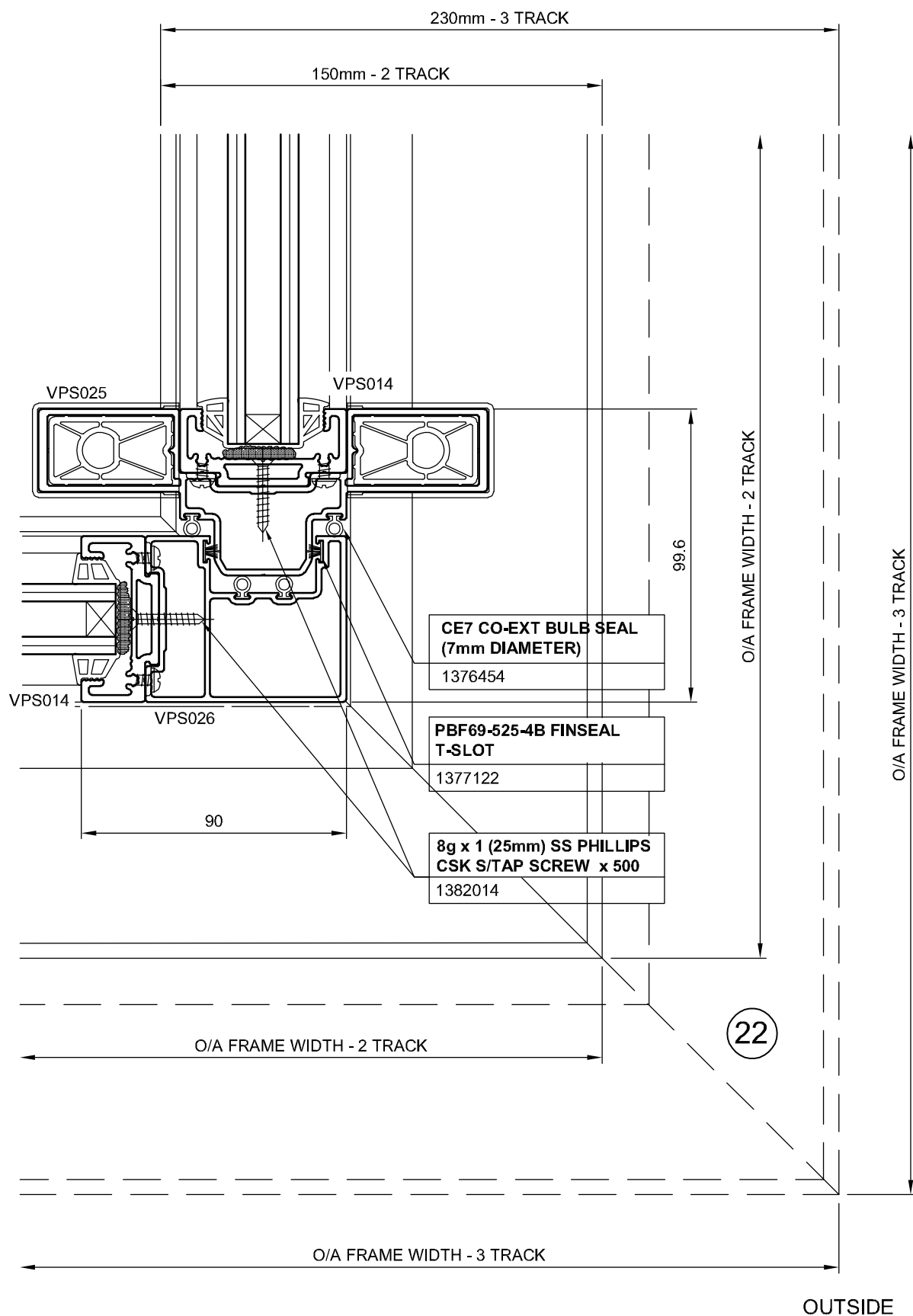
8. Typical Details

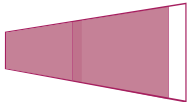
90 Deg External Corner 150mm 2 Track Frame Head Detail - Sliding Panel



8. Typical Details

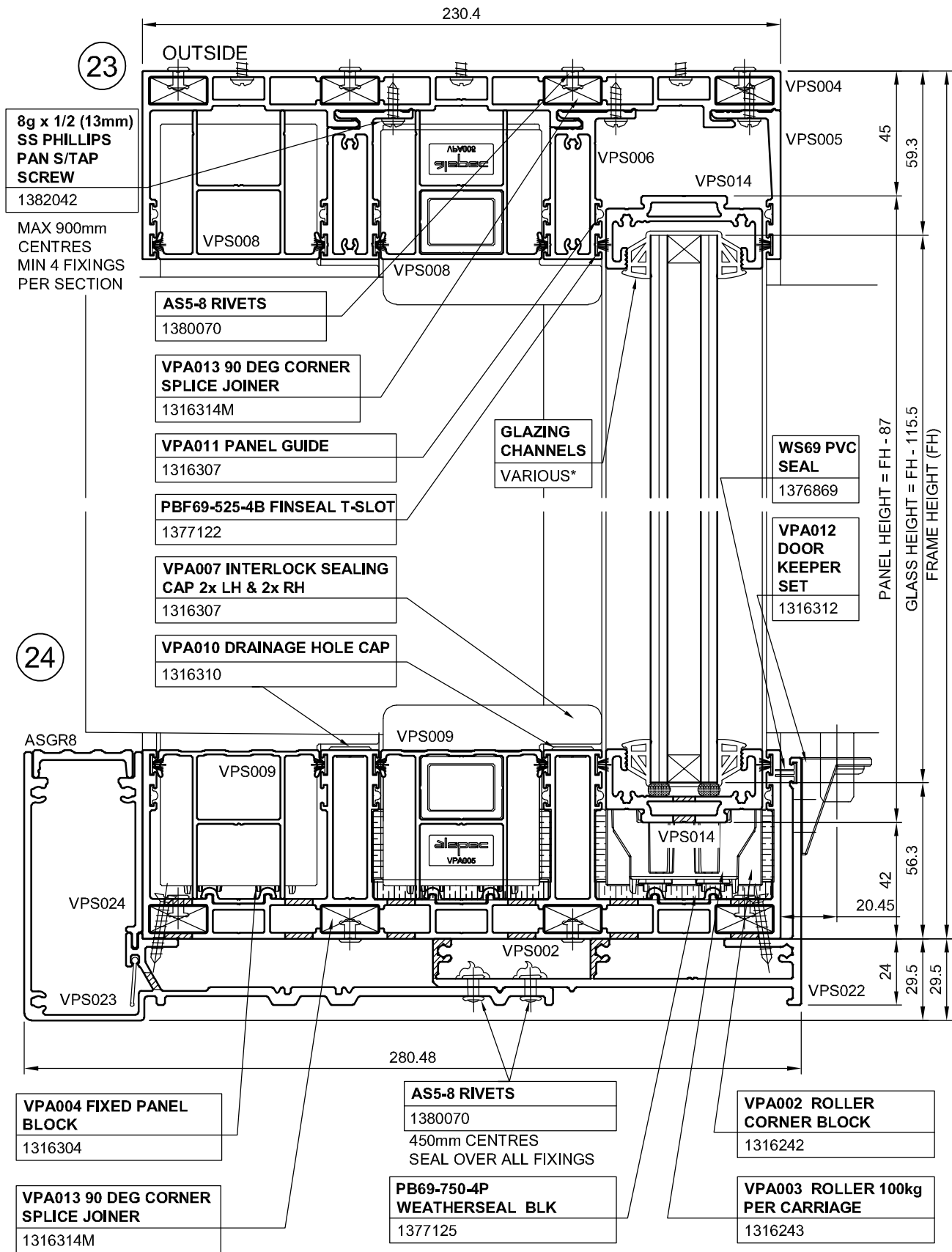
90 Deg External Corner Detail - Corner Meeting Stiles





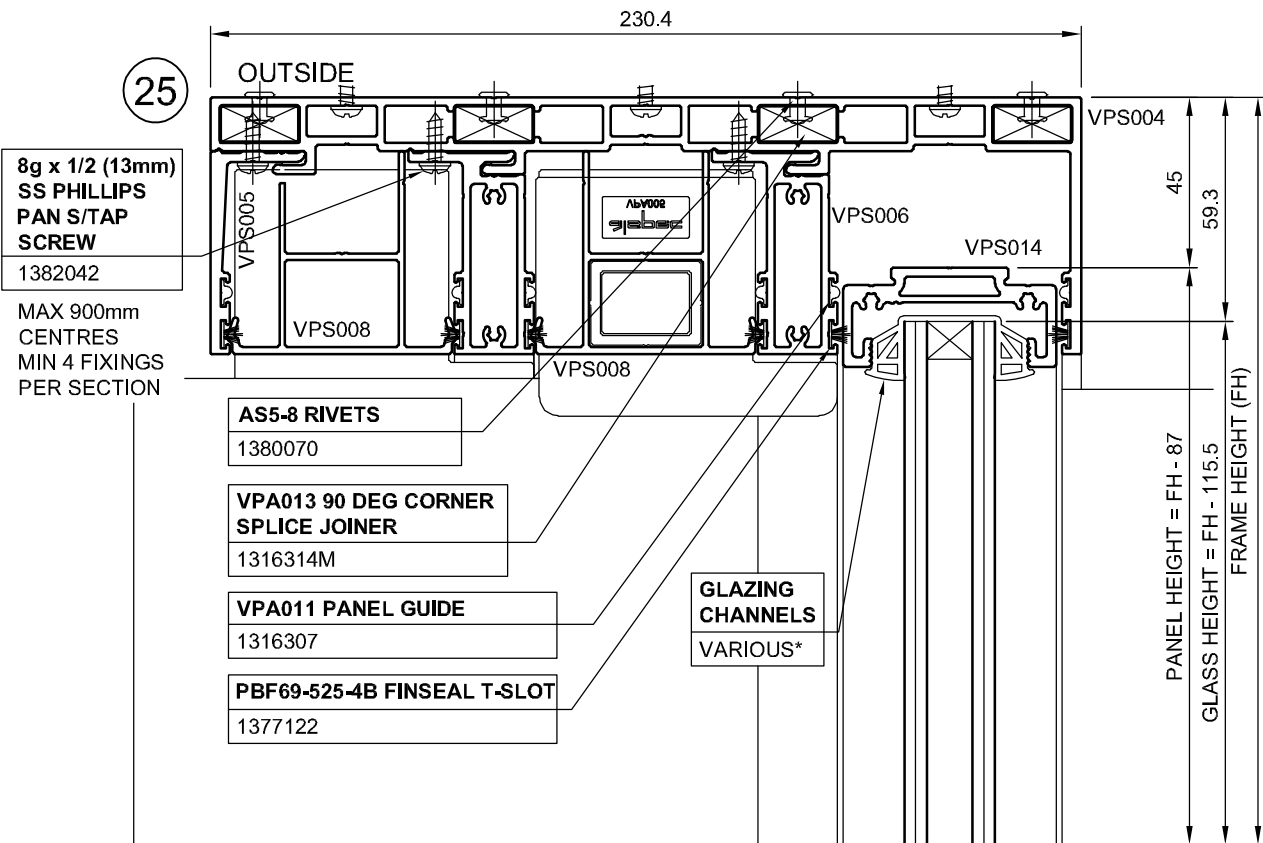
8. Typical Details

90 Deg Internal Corner 230mm 3 Track Frame Head & Sill Detail - Sliding Panel

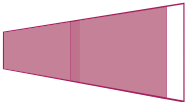


8. Typical Details

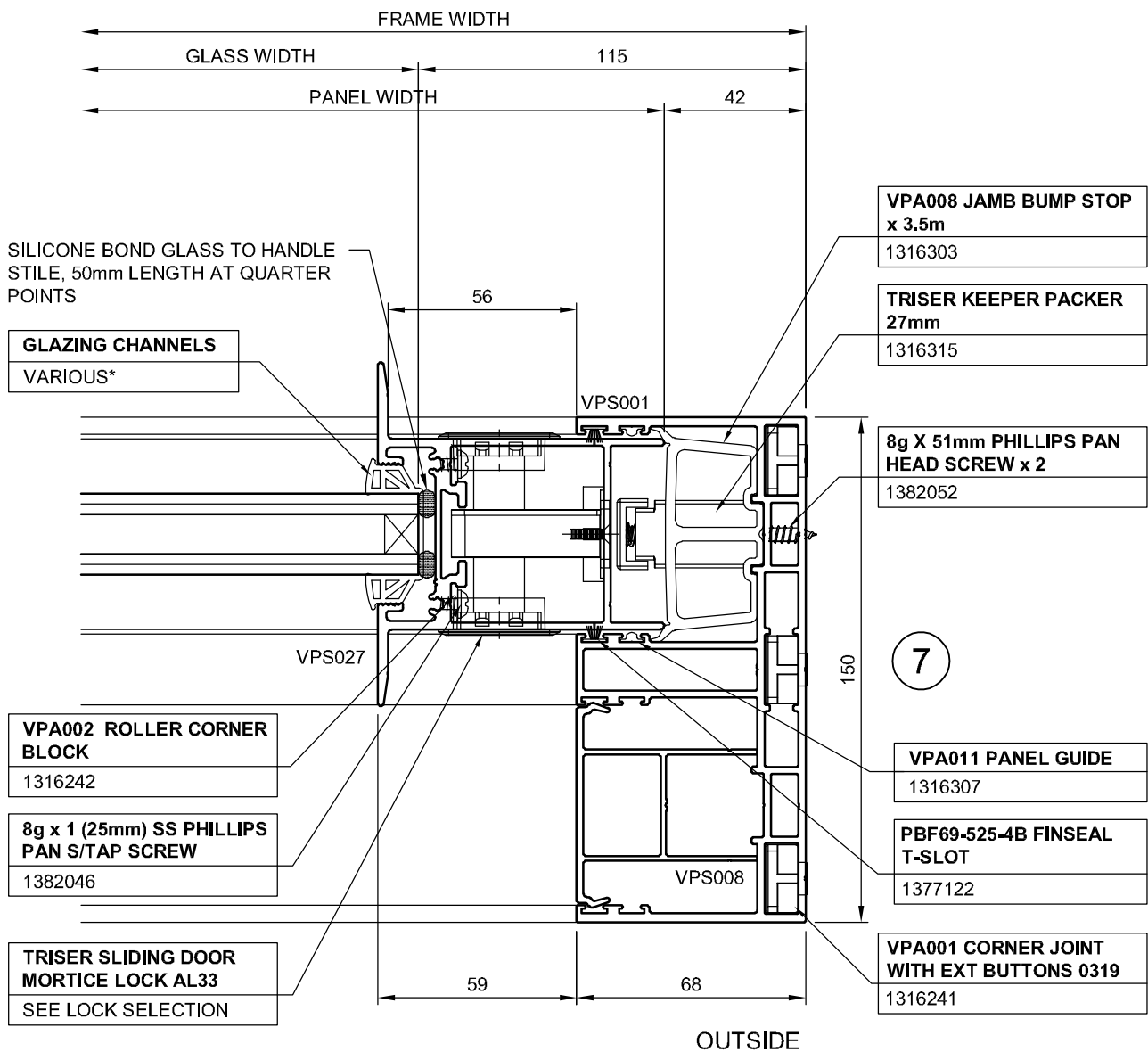
90 Deg External Corner 230mm 3 Track Frame Head Detail - Sliding Panel

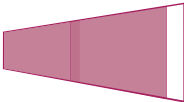


8. Typical Details



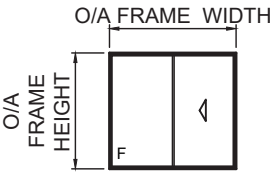
Double Glaze 150mm, 2 Track Frame Jamb Sliding Panel “Handle” Option Detail





9. Cutting Formulas

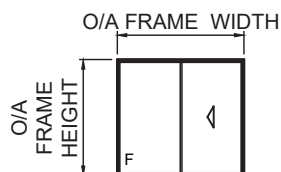
OX Sliding Door - Handle Stile Option

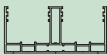
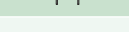
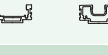


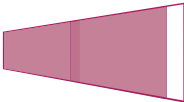
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	VPS001	Sill	Frame Width	1
	VPS001	Jamb	Frame Height	2
	VPS003	Head	Frame Width	1
	VPS005	Inside Track (Head)	Frame Width - 27.5mm	1
	VPS006	Middle Track (Head)	Frame Width - 28.5mm	1
	VPS007	Drop In Track	Frame Width - 33mm	2
	VPS008	Infill (Head)	Frame Width / 2 - 77mm	1
	VPS008	Infill (Jamb)	Frame Height - 41mm	2
	VPS008	Infill (Head/Sill Lead Panel Stop)	50	2
	VPS009	Threshold (Sill)	Frame Width / 2 - 77mm	1
	VPS011 / 014	Rails	Frame Width / 2 - 41mm	4
	VPS011 / 014	Stile (Jamb)	Frame Height - 87mm	1
	VPS012 / 015	Stile (Interlock)	Frame Height - 87mm	2
	VPS013 / 016	Handle Stile	Frame Height - 40mm	1
	VPS018 / 019	Interlock	Frame Height - 151.5mm	2
	VPS022	Subsill Inner	Opening Width	1
	VPS023	Subsill Outer	Opening Width	1
	VPS024	Subsill Leg Adaptor	Opening Width	1
	ASGR8	Slotted Grate Threshold	Opening Width	1
Glass - Single Glazed	HEIGHT		Frame Height - 120mm	2
	WIDTH		Frame Width / 2 - 74mm	
Glass - Double Glazed	HEIGHT		Frame Height - 115.5mm	2
	WIDTH		Frame Width / 2 - 70mm	

9. Cutting Formulas

OX Sliding Door - Flush Handle Option

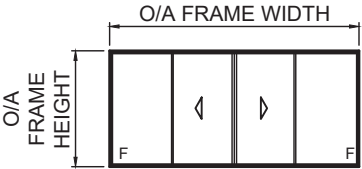


PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	VPS001	Sill	Frame Width	1
	VPS001	Jamb	Frame Height	2
	VPS003	Head	Frame Width	1
	VPS005	Inside Track (Head)	Frame Width - 27.5mm	1
	VPS006	Middle Track (Head)	Frame Width - 28.5mm	1
	VPS007	Drop In Track	Frame Width - 33mm	2
	VPS008	Infill (Head)	Frame Width / 2 - 29.5mm	1
	VPS008	Infill (Jamb)	Frame Height - 41mm	2
	VPS008	Infill (Head/Sill Lead Panel Stop)	50	2
	VPS009	Threshold (Sill)	Frame Width / 2 - 29.5mm	1
	VPS011 / 014	Rails	Frame Width / 2 - 29.5mm	4
	VPS011 / 014	Stile	Frame Height - 87mm	2
	VPS012 / 015	Stile (Interlock)	Frame Height - 87mm	2
	VPS018 / 019	Interlock	Frame Height - 151.5mm	2
	VPS022	Subsill Inner	Opening Width	1
	VPS023	Subsill Outer	Opening Width	1
	VPS024	Subsill Leg Adaptor	Opening Width	1
	ASGR8	Slotted Grate Threshold	Opening Width	1
Glass - Single Glazed	HEIGHT		Frame Height - 120mm	2
	WIDTH		Frame Width / 2 - 62.5mm	
Glass - Double Glazed	HEIGHT		Frame Height - 115.5mm	2
	WIDTH		Frame Width / 2 - 58mm	



9. Cutting Formulas

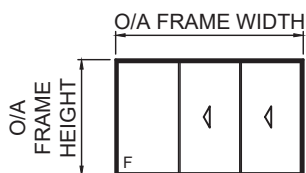
OXXO Sliding Door - Handle Stile Option

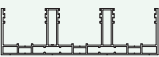


PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	VPS001	Sill	Frame Width	1
	VPS001	Jamb	Frame Height	2
	VPS003	Head	Frame Width	1
	VPS005	Inside Track (Head)	Frame Width - 27.5mm	1
	VPS006	Middle Track (Head)	Frame Width - 28.5mm	1
	VPS007	Drop In Track	Frame Width - 33mm	2
	VPS008	Infill (Head)	Frame Width / 2 - 75mm	1
	VPS008	Infill (Jamb)	Frame Height - 41mm	2
	VPS008	Infill (Head/Sill Lead Panel Stop)	50	2
	VPS009	Threshold (Sill)	Frame Width / 2 - 75mm	1
	VPS011 / 014	Rails	Frame Width / 4 - 13mm	8
	VPS011 / 014	Stile (Jamb)	Frame Height - 87mm	4
	VPS012 / 015	Stile (Interlock)	Frame Height - 87mm	4
	VPS018 / 019	Interlock	Frame Height - 151.5mm	4
	VPS020	OXXO Adaptor	Frame Height - 151.5mm	1
	VPS022	Subsill Inner	Opening Width	1
	VPS023	Subsill Outer	Opening Width	1
	VPS024	Subsill Leg Adaptor	Opening Width	1
	ASGR8	Slotted Grate Threshold	Opening Width	1
Glass - Single Glazed	HEIGHT		Frame Height - 120mm	4
	WIDTH		Frame Width / 4 - 46mm	
Glass - Double Glazed	HEIGHT		Frame Height - 115.5mm	4
	WIDTH		Frame Width / 4 - 41mm	

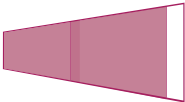
9. Cutting Formulas

OXX Sliding Door - Handle Stile Option



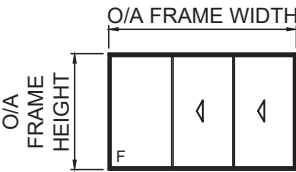
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	VPS002	Sill	Frame Width	1
	VPS002	Jamb	Frame Height	2
	VPS004	Head	Frame Width	1
	VPS005	Inside Track (Head)	Frame Width - 27.5mm	2
	VPS006	Middle Track (Head)	Frame Width - 28.5mm	1
	VPS007	Drop In Track	Frame Width - 33mm	3
	VPS008	Infill (Head)	Frame Width / 3 - 59mm	1
	VPS008	Infill (Head)	(Frame Width / 3 x 2) - 99mm	1
	VPS008	Infill (Jamb)	Frame Height - 41mm	4
	VPS008	Infill (Head/Sill Lead Panel Stop)	140	2
	VPS008	Infill (Head/Sill Int. Panel Stop)	50	2
	VPS009	Threshold (Sill)	Frame Width / 3 - 59mm	1
	VPS009	Threshold (Sill)	(Frame Width / 3 x 2) - 99mm	1

(continued next page)



9. Cutting Formulas

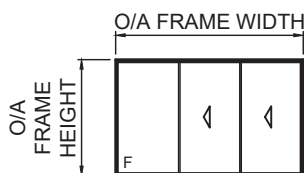
OXX Sliding Door - Handle Stile Option (cont.)

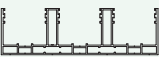


PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	VPS011 / 014	Rails	Frame Width / 3 - 19.5mm	6
	VPS011 / 014	Stile (Jamb)	Frame Height - 87mm	1
	VPS012 / 015	Stile (Interlock)	Frame Height - 87mm	4
	VPS013 / 016	Handle Stile	Frame Height - 40mm	1
	VPS018 / 019	Interlock	Frame Height - 151.5mm	4
	VPS022	Subsill Inner	Opening Width	1
	VPS023	Subsill Outer	Opening Width	1
	VPS024	Subsill Leg Adaptor	Opening Width	1
	ASGR8	Slotted Grate Threshold	Opening Width	1
Glass - Single Glazed	HEIGHT		Frame Height - 120mm	3
	WIDTH		Frame Width / 3 - 52mm	
Glass - Double Glazed	HEIGHT		Frame Height - 115.5mm	3
	WIDTH		Frame Width / 3 - 48mm	

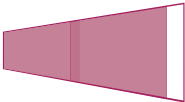
9. Cutting Formulas

OXX Sliding Door - Flush Handle Option



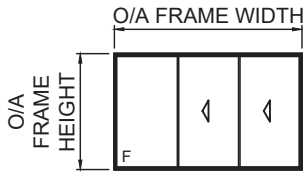
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	VPS002	Sill	Frame Width	1
	VPS002	Jamb	Frame Height	2
	VPS004	Head	Frame Width	1
	VPS005	Inside Track (Head)	Frame Width - 27.5mm	2
	VPS006	Middle Track (Head)	Frame Width - 28.5mm	1
	VPS007	Drop In Track	Frame Width - 33mm	3
	VPS008	Infill (Head)	Frame Width / 3 - 71mm	1
	VPS008	Infill (Head)	(Frame Width / 3 x 2) - 106.9mm	1
	VPS008	Infill (Jamb)	Frame Height - 41mm	4
	VPS008	Infill (Head/Sill Lead Panel Stop)	140	2
	VPS008	Infill (Head/Sill Int. Panel Stop)	50	2
	VPS009	Threshold (Sill)	Frame Width / 3 - 71mm	1
	VPS009	Threshold (Sill)	(Frame Width / 3 x 2) - 106.9mm	1

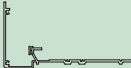
(continued next page)



9. Cutting Formulas

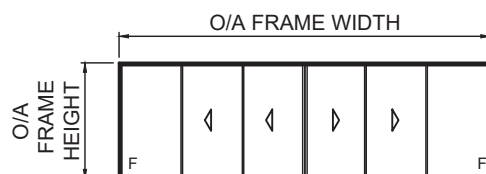
OXX Sliding Door - Flush Handle Option (cont.)



PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
 	VPS011 / 014	Rails	Frame Width / 3 - 11.5mm	6
 	VPS011 / 014	Stile (Jamb)	Frame Height - 87mm	1
 	VPS012 / 015	Stile (Interlock)	Frame Height - 87mm	4
	VPS018 / 019	Interlock	Frame Height - 151.5mm	4
	VPS022	Subsill Inner	Opening Width	1
	VPS023	Subsill Outer	Opening Width	1
	VPS024	Subsill Leg Adaptor	Opening Width	1
	ASGR8	Slotted Grate Threshold	Opening Width	1
Glass - Single Glazed	HEIGHT		Frame Height - 120mm	3
	WIDTH		Frame Width / 3 - 44.7mm	
Glass - Double Glazed	HEIGHT		Frame Height - 115.5mm	3
	WIDTH		Frame Width / 3 - 40.1mm	

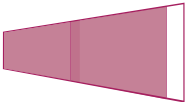
9. Cutting Formulas

OXXXXO Sliding Door



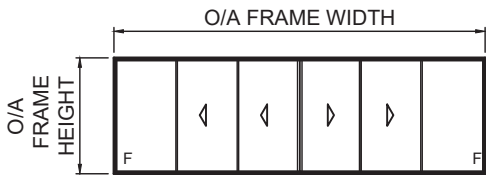
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	VPS002	Sill	Frame Width	1
	VPS002	Jamb	Frame Height	2
	VPS004	Head	Frame Width	1
	VPS005	Inside Track (Head)	Frame Width - 27.5mm	2
	VPS006	Middle Track (Head)	Frame Width - 28.5mm	1
	VPS007	Drop In Track	Frame Width - 33mm	3
	VPS008	Infill (Head)	Frame Width/3 - 50.4mm	1
	VPS008	Infill (Head)	(Frame Width/6 x 4) - 100mm	1
	VPS008	Infill (Jamb)	Frame Height - 41mm	4
	VPS008	Infill (Head/Sill Lead Panel Stop)	140	2
	VPS008	Infill (Head/Sill Int. Panel Stop)	50	2
	VPS009	Threshold (Sill)	Frame Width/3 - 50.4mm	1
	VPS009	Threshold (Sill)	(Frame Width/6 x 4) - 100mm	1

(continued next page)



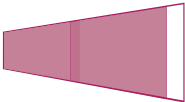
9. Cutting Formulas

OXXXXO Sliding Door (cont.)

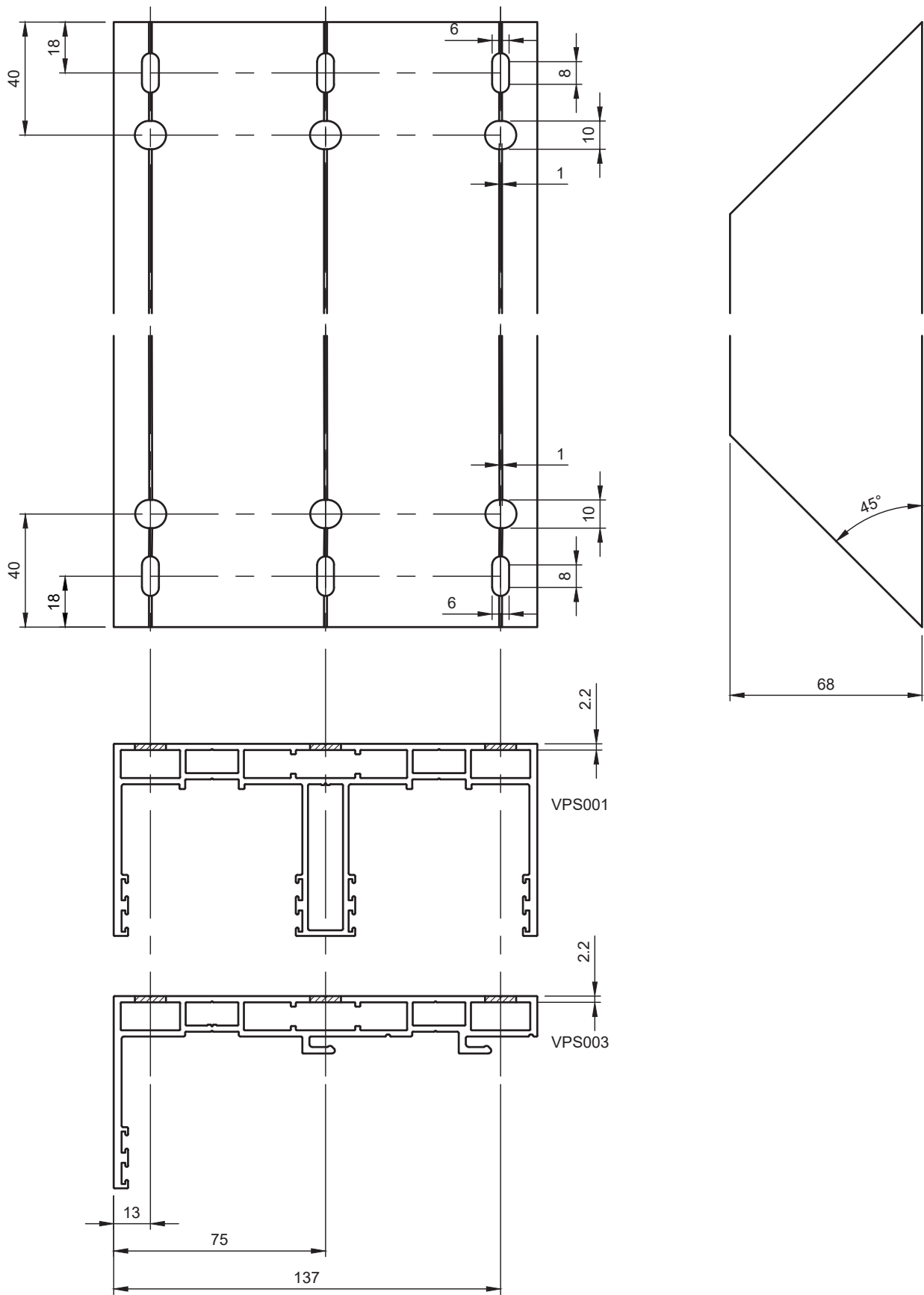


PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	VPS011 / 014	Rails	Frame Width / 6	12
	VPS011 / 014	Stile (Jamb)	Frame Height - 87mm	4
	VPS012 / 015	Stile (Interlock)	Frame Height - 87mm	8
	VPS018 / 019	Interlock	Frame Height - 151.5mm	8
	VPS020	OXXO Adaptor	Frame Height - 151.5mm	1
	VPS016	Subsill Outer*	Opening Width	1
	VPS017	Subsill Inner*	Opening Width	1
	VPS024	Subsill Leg Adaptor	Opening Width	1
	ASGR8	Slotted Grate Threshold	Opening Width	1
Glass - Single Glazed	HEIGHT		Frame Height - 120mm	6
	WIDTH		Frame Width/6 - 33.5mm	
Glass - Double Glazed	HEIGHT		Frame Height - 115.5mm	6
	WIDTH		Frame Width/6 - 29mm	

10. Manufacturing Details

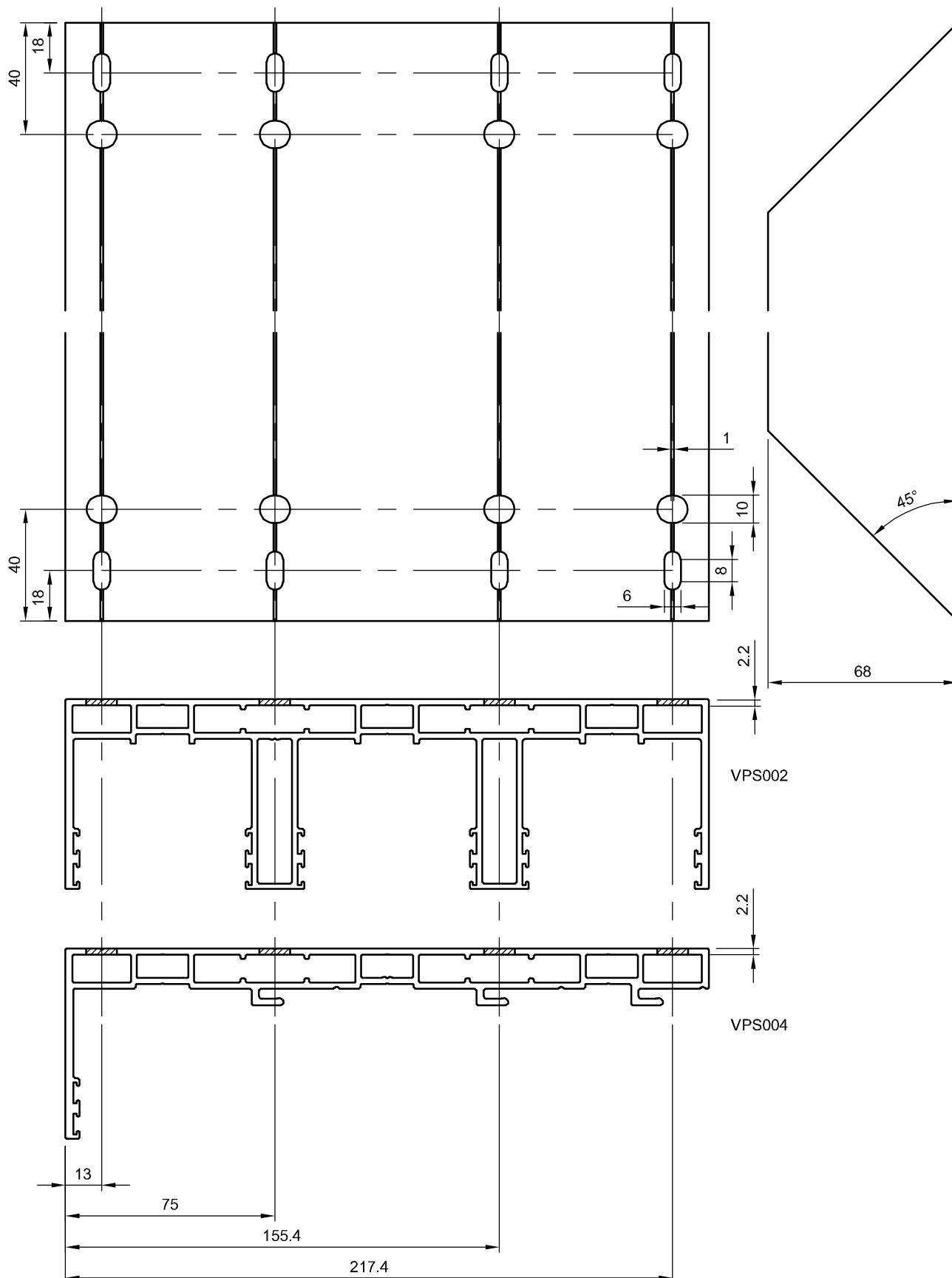


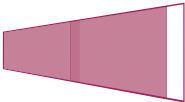
VPS001 2 Track Frame 150mm - Jamb



10. Manufacturing Details

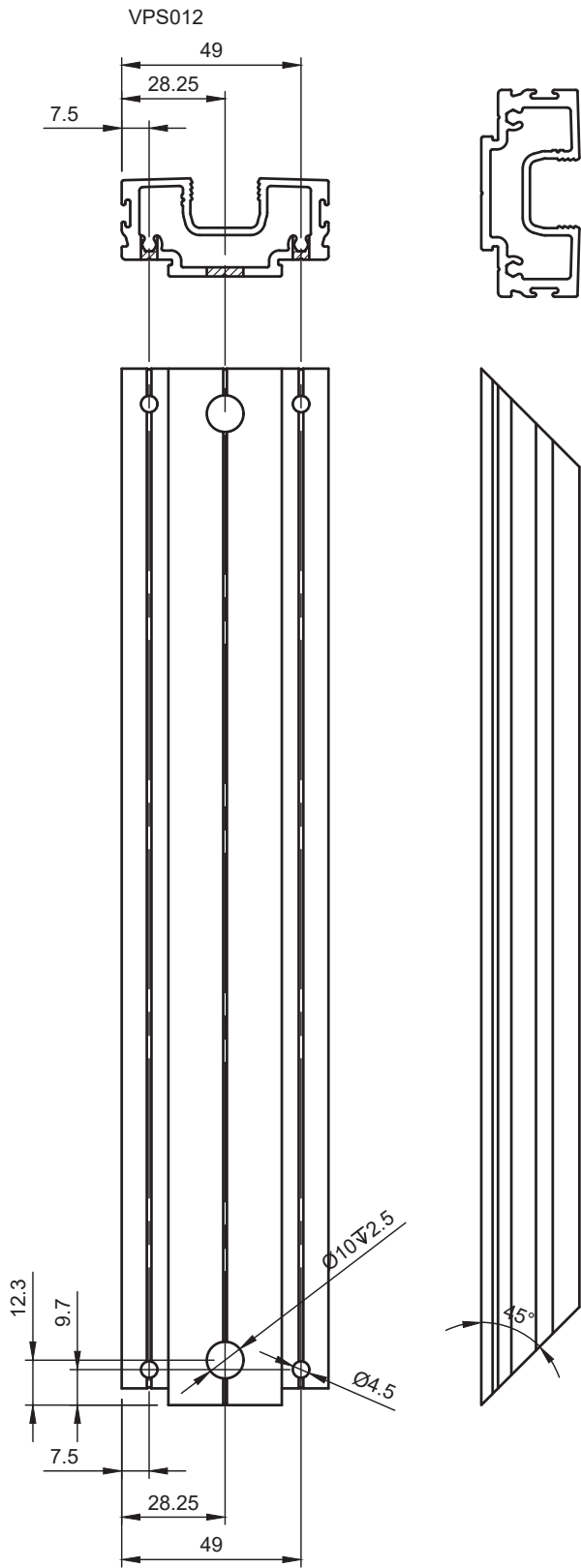
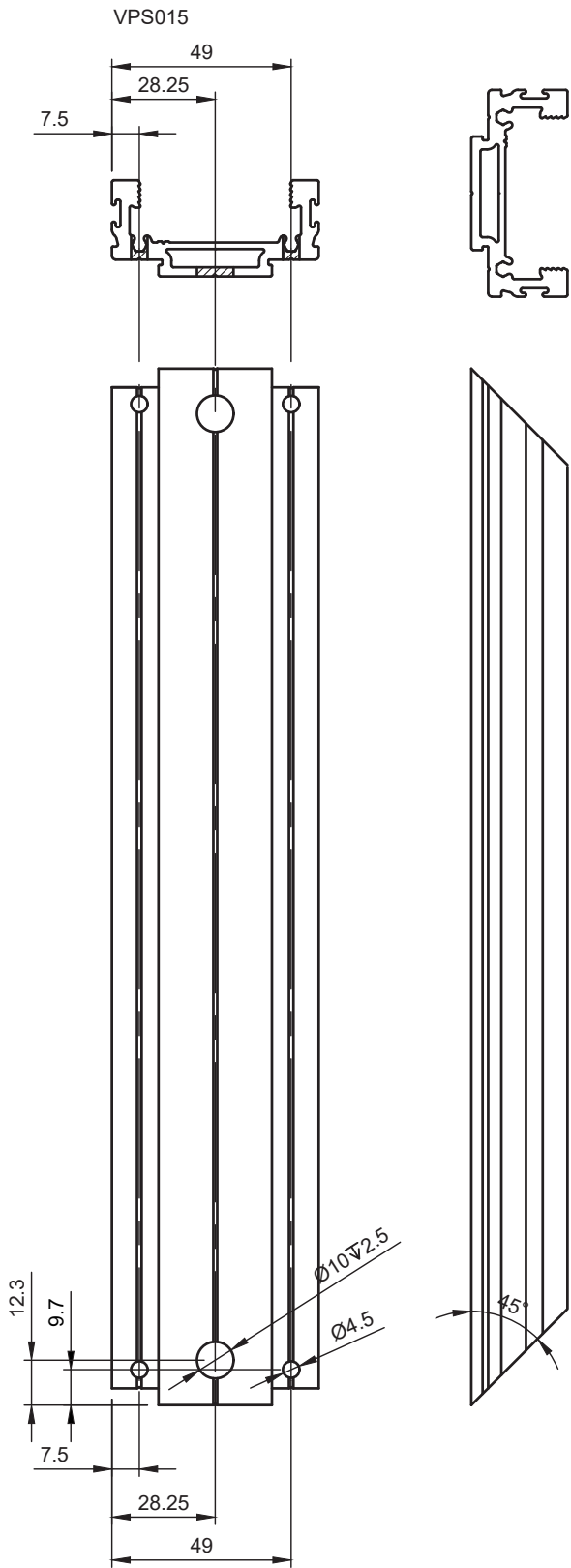
VPS002 3 Track Frame 230mm - Jambs





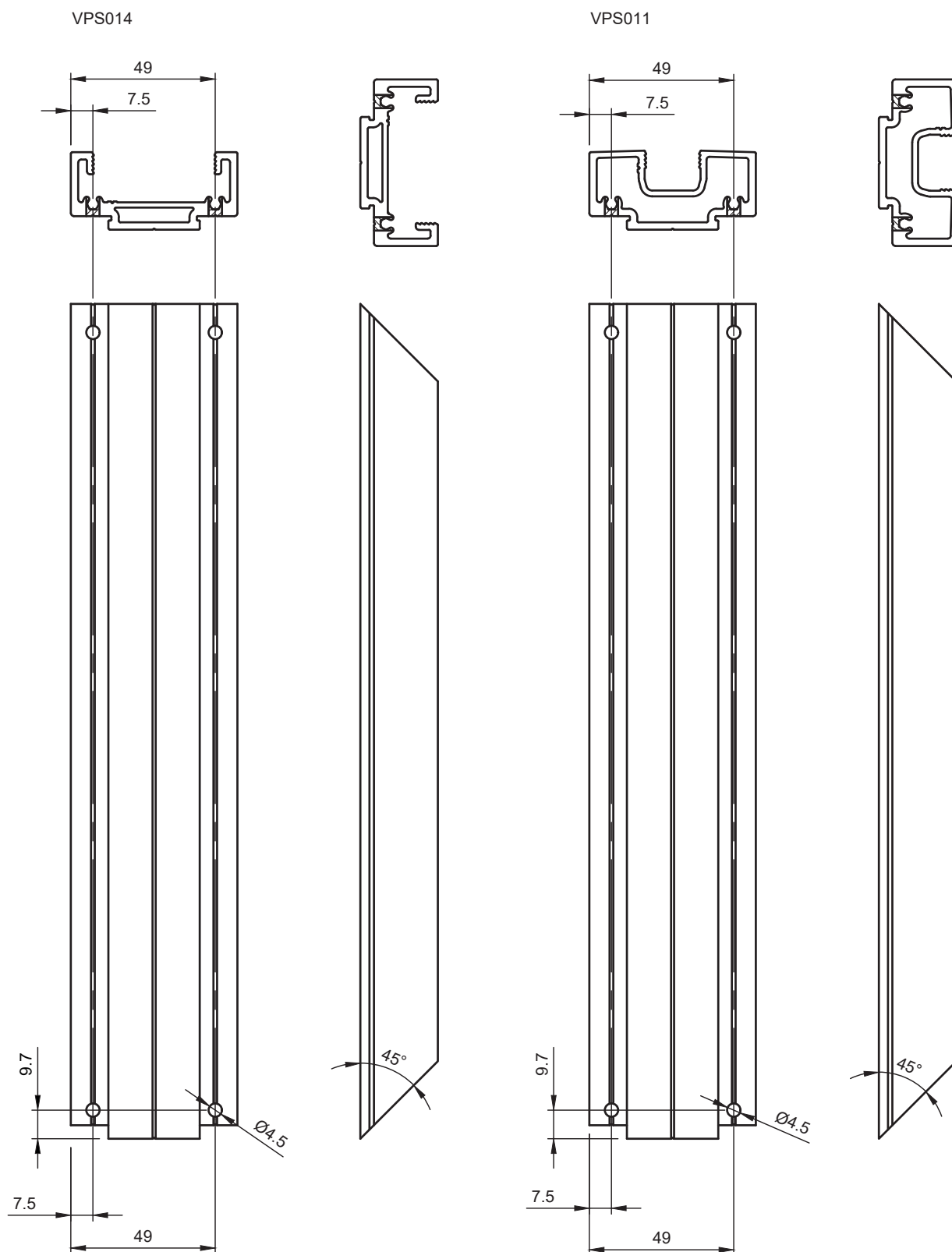
10. Manufacturing Details

VPS012 & VPS015 Interlock Stile

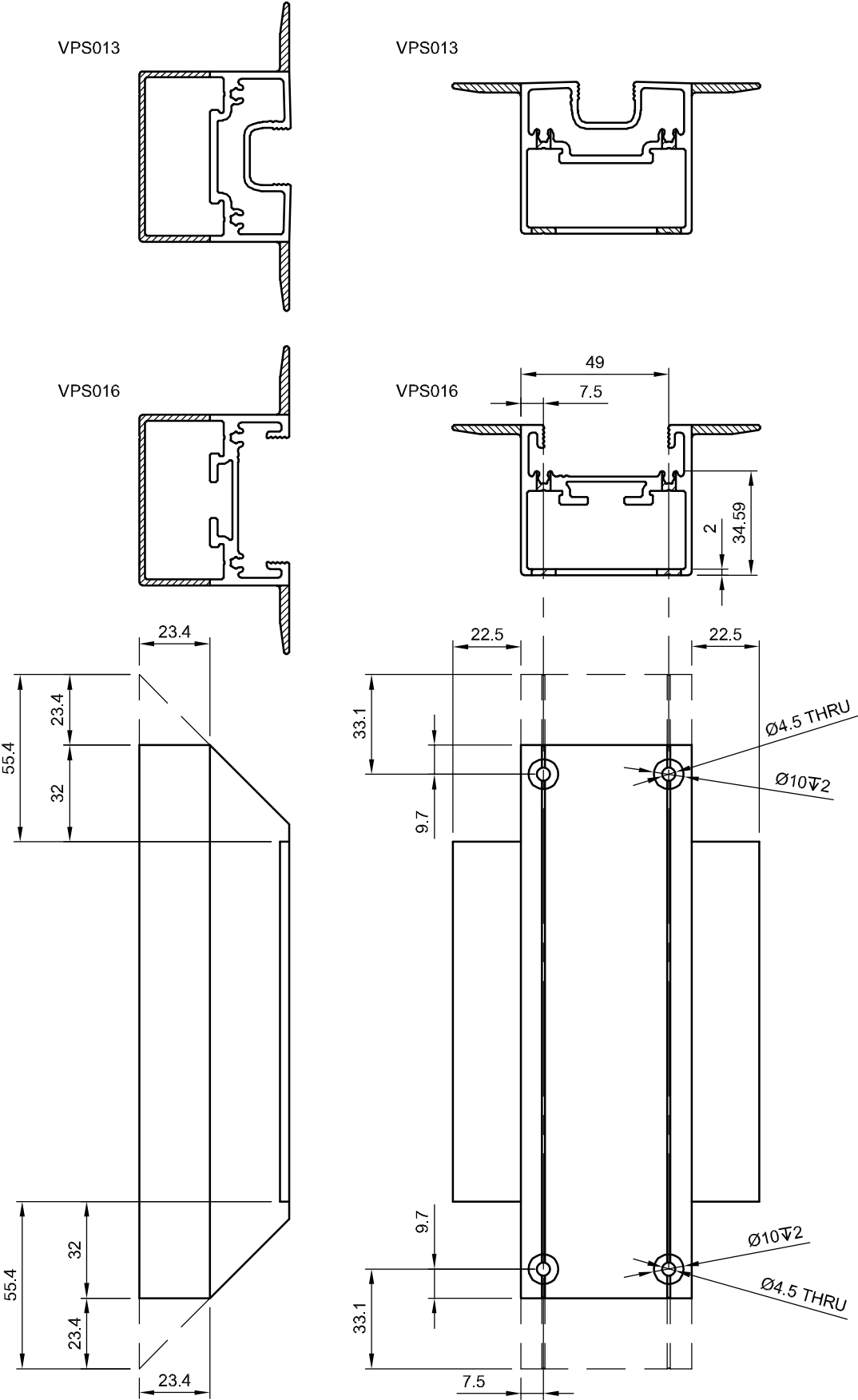


10. Manufacturing Details

VPS011 & VPS014 Sash Stile



VPS013 & VPS016 Handle Stile

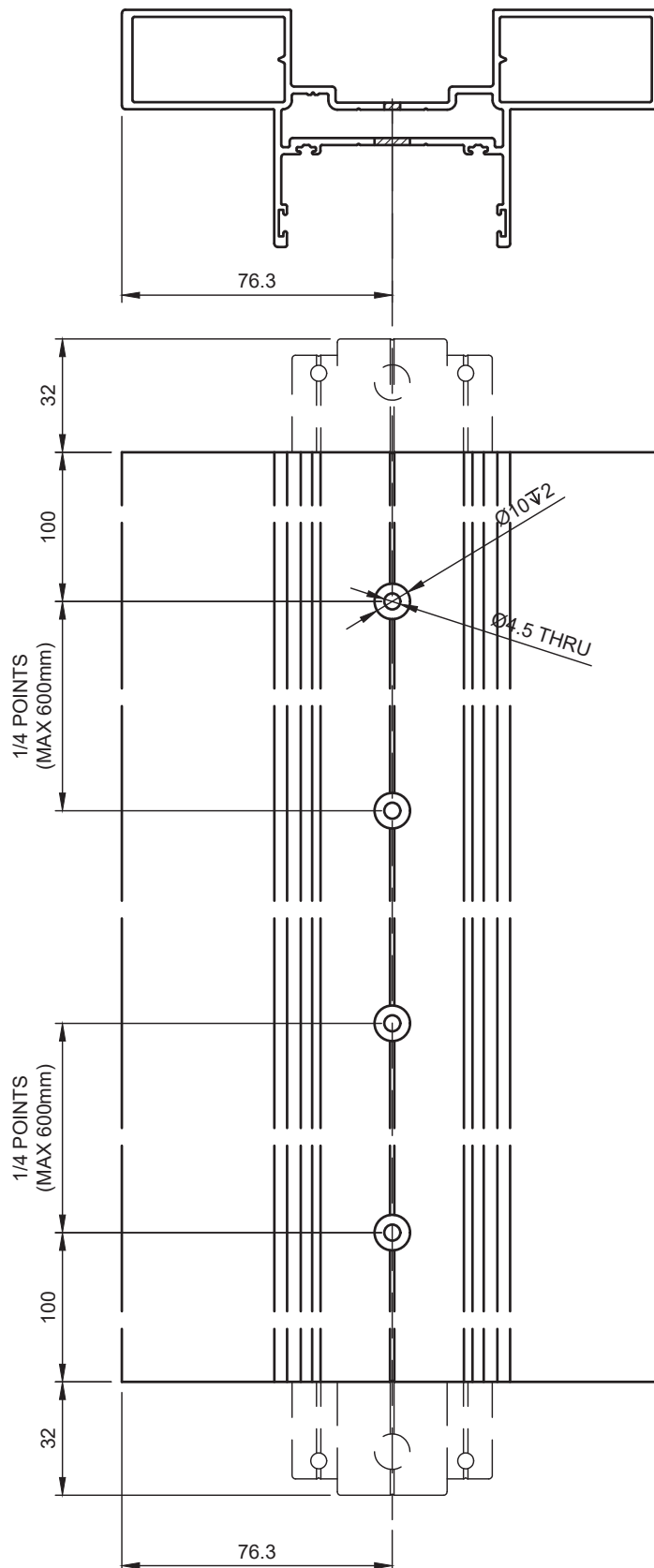
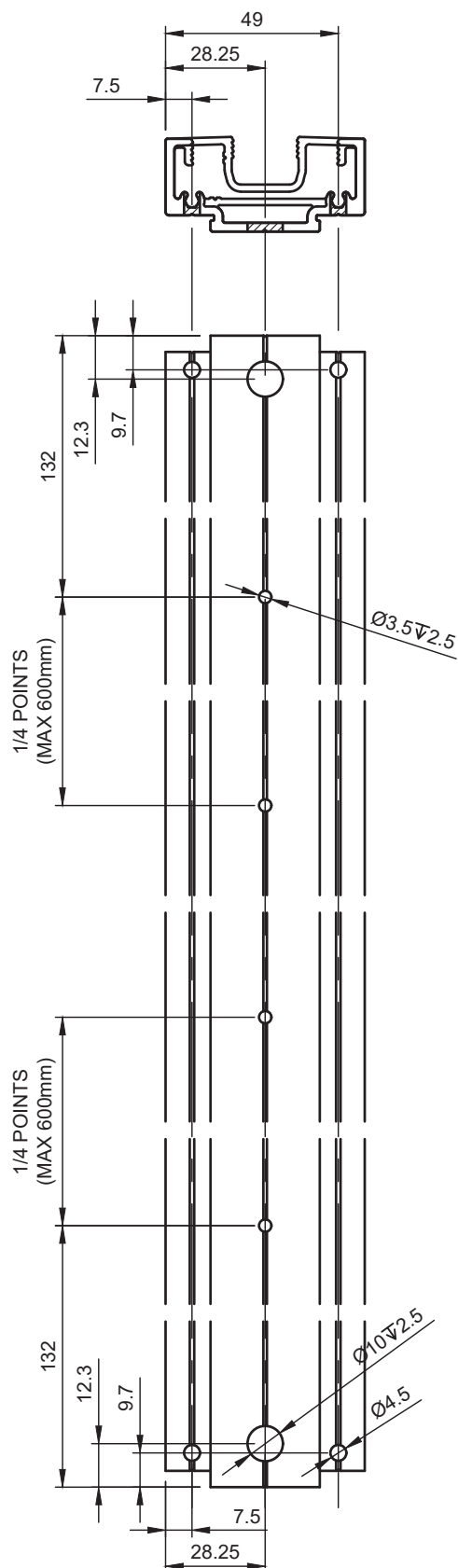


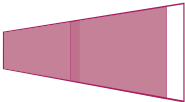
10. Manufacturing Details

VPS020 OXXO Adaptor & VPS011 / 014

VPS014
VPS011

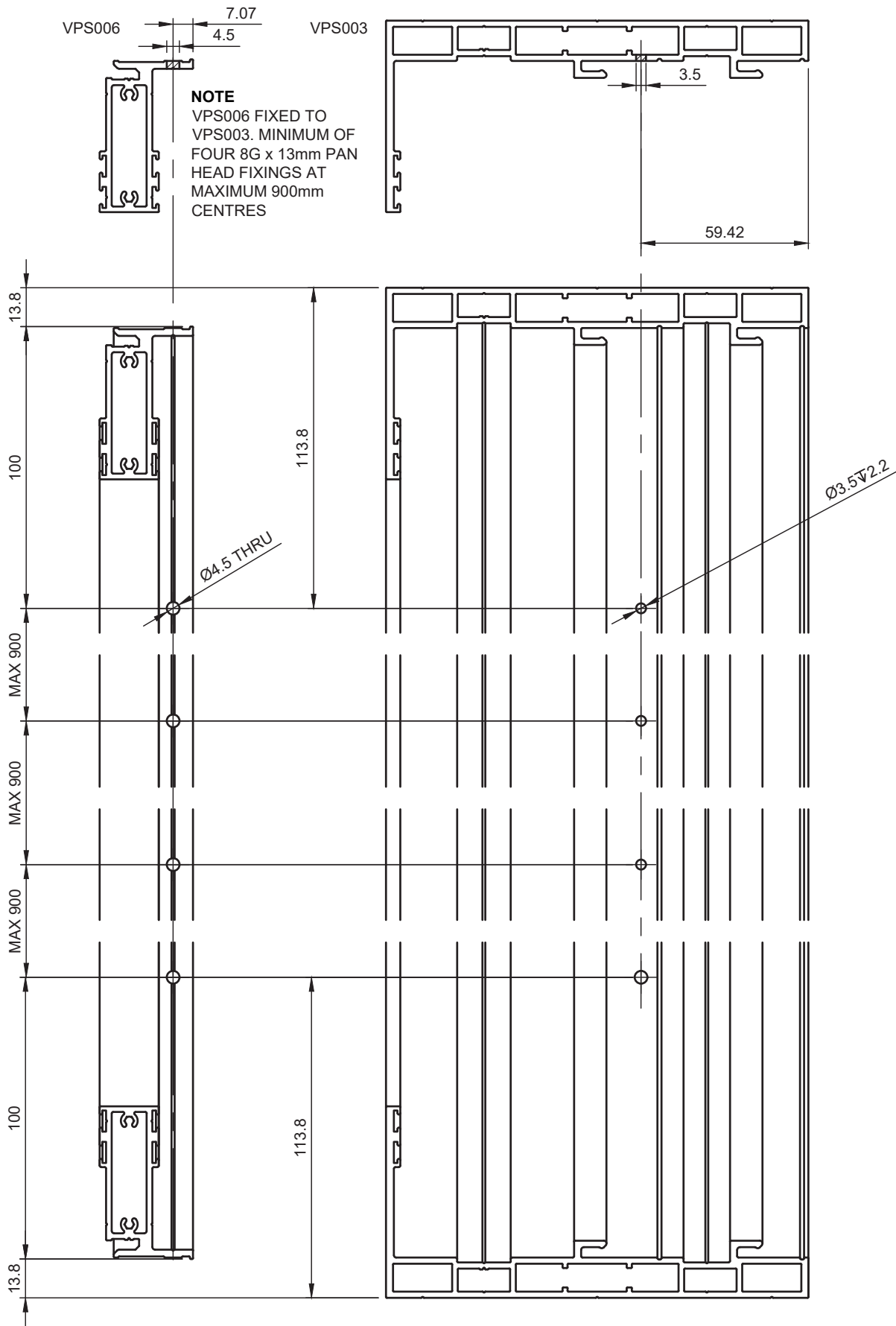
VPS020





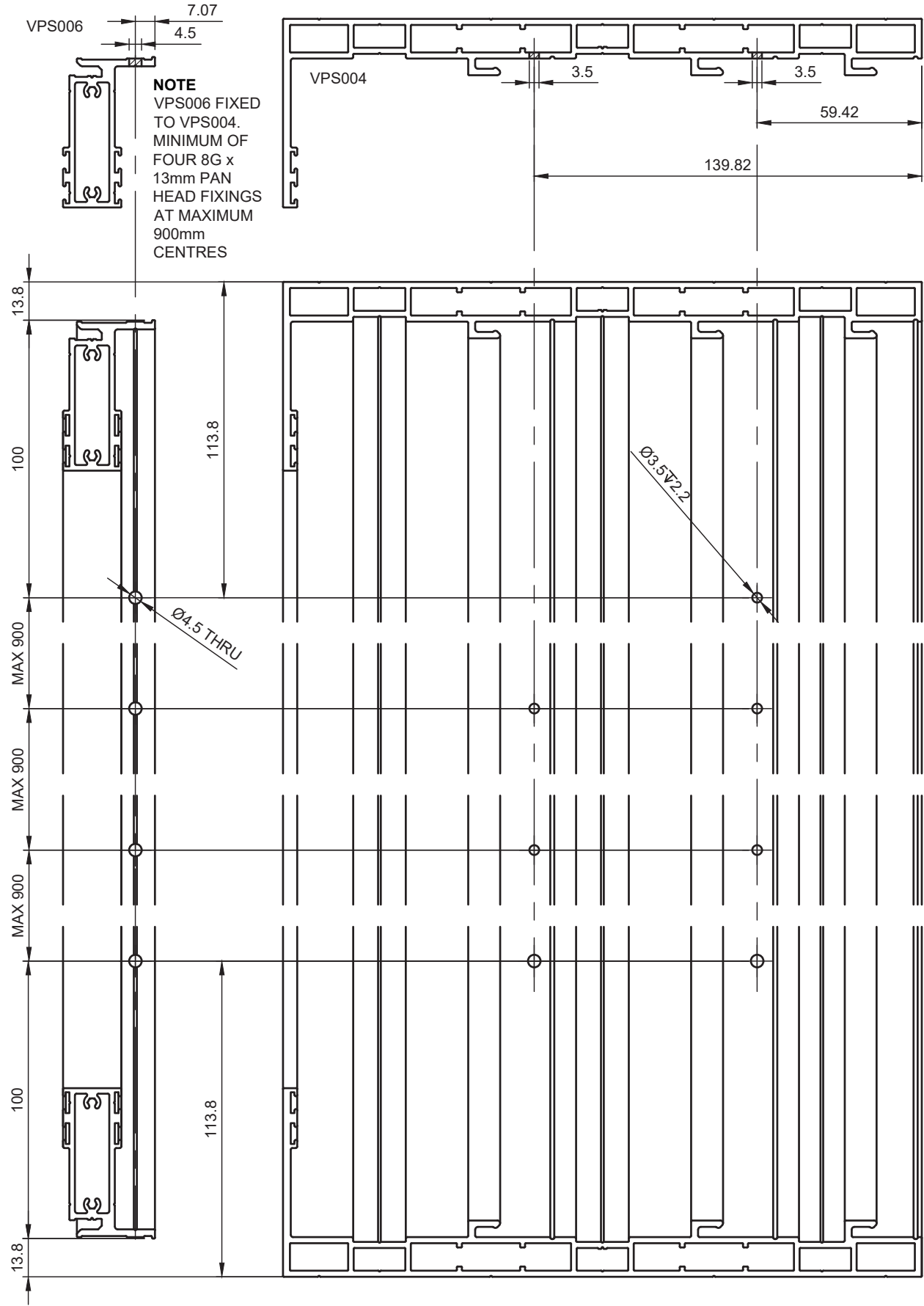
10. Manufacturing Details

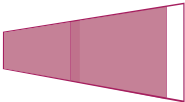
VPS006 Middle Track Bead



10. Manufacturing Details

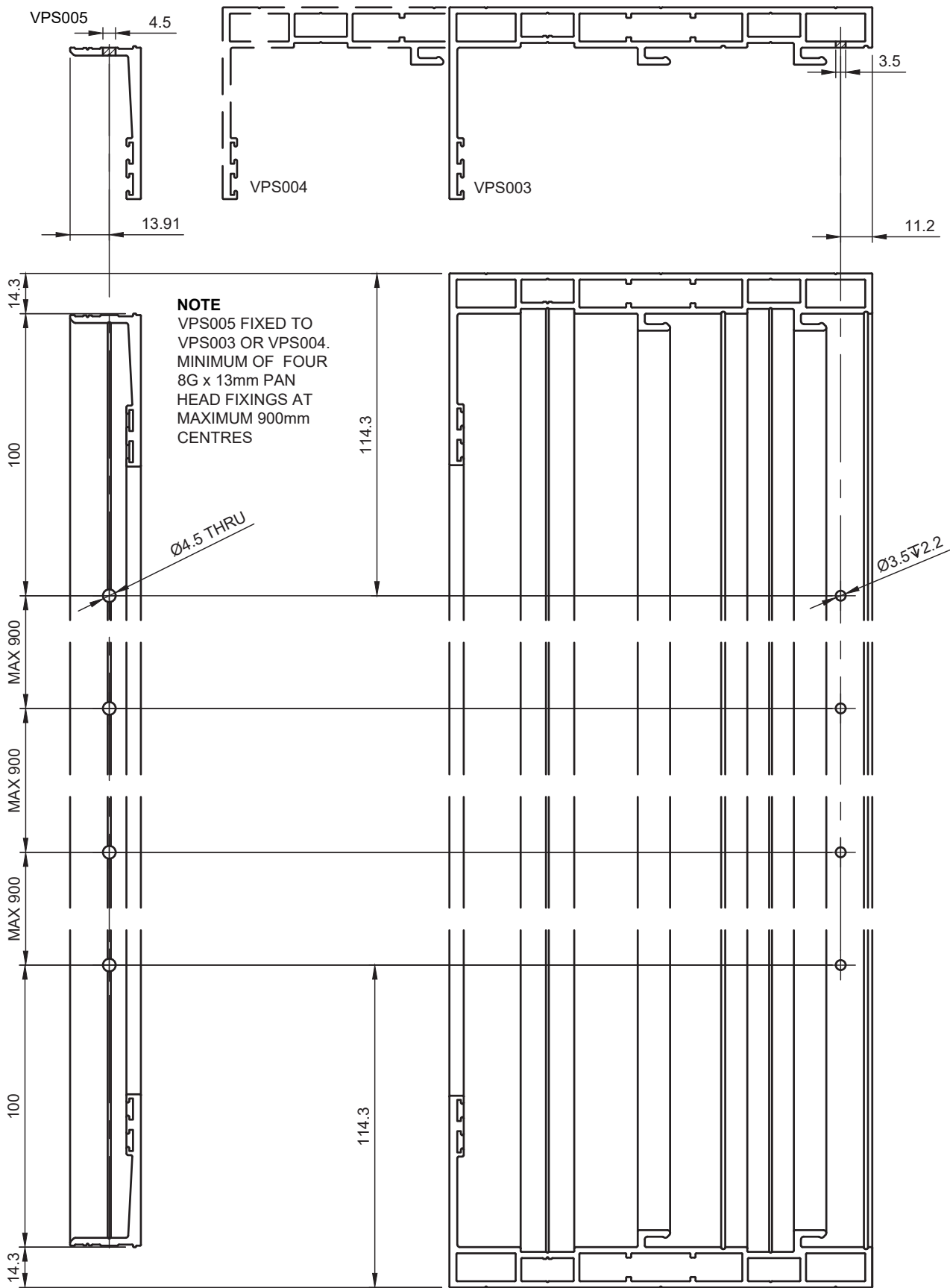
VPS005 Inside Track Bead





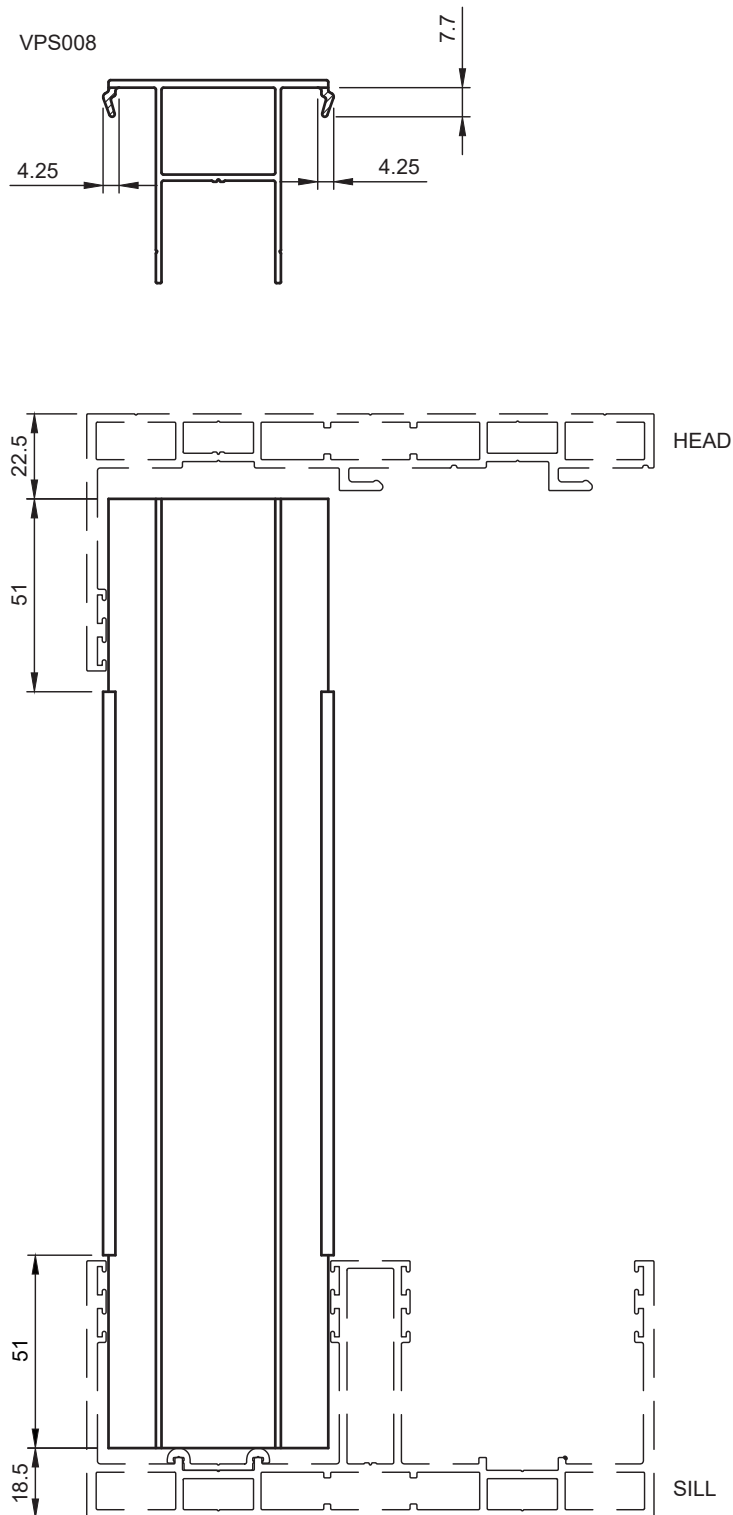
10. Manufacturing Details

VPS008 Frame Infill - Jamb



10. Manufacturing Details

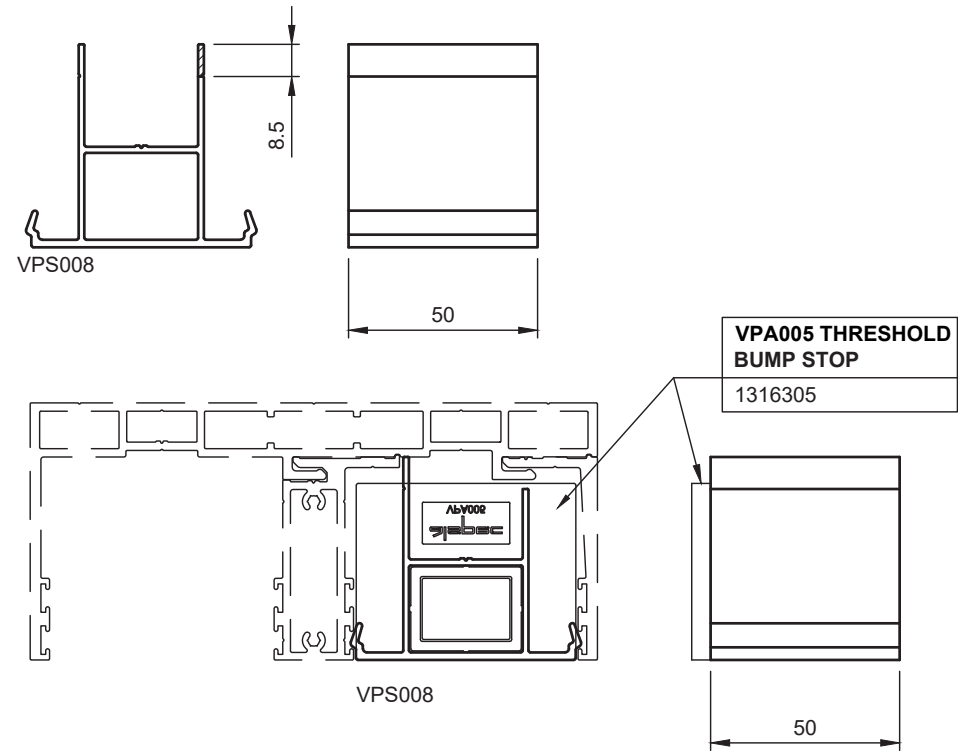
VPS008 Frame Infill - Sliding Panel Bump Stop Head Only



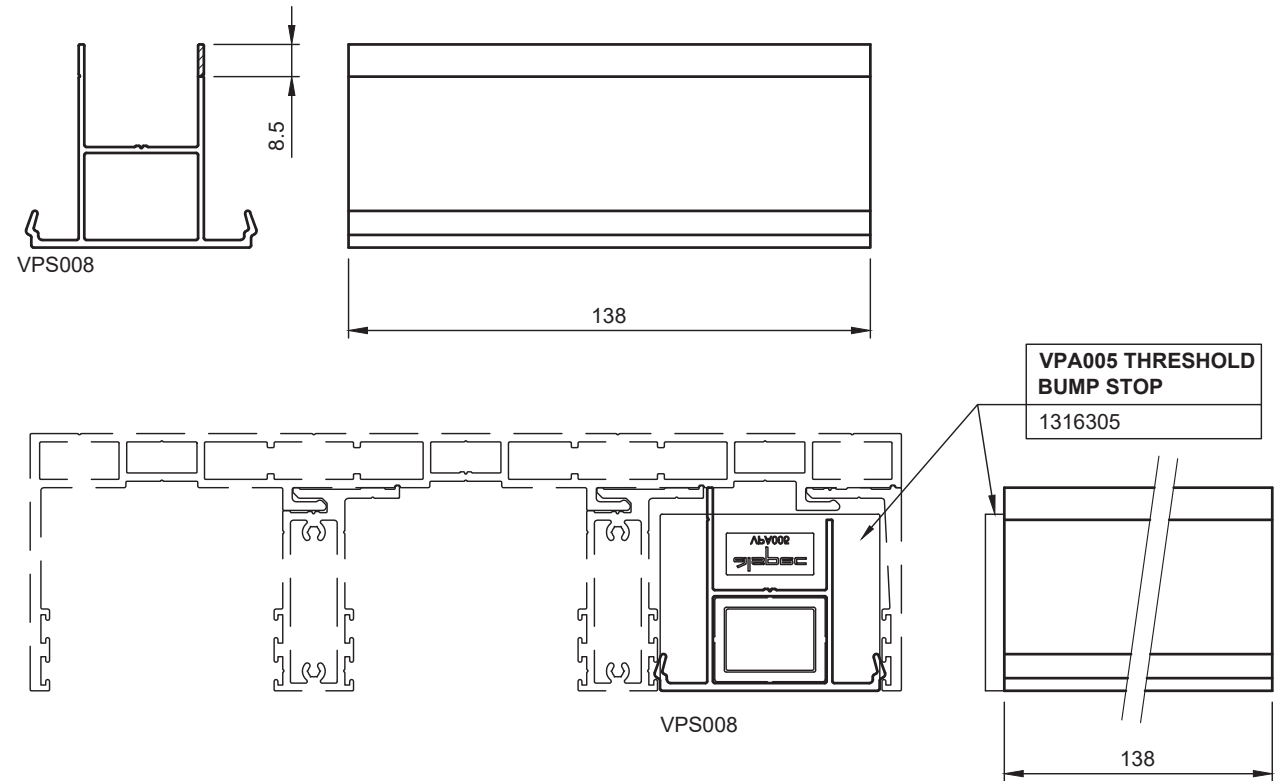
10. Manufacturing Details

VPS001 2 Track Frame 150mm Drainage OX - Sill

150mm FRAME

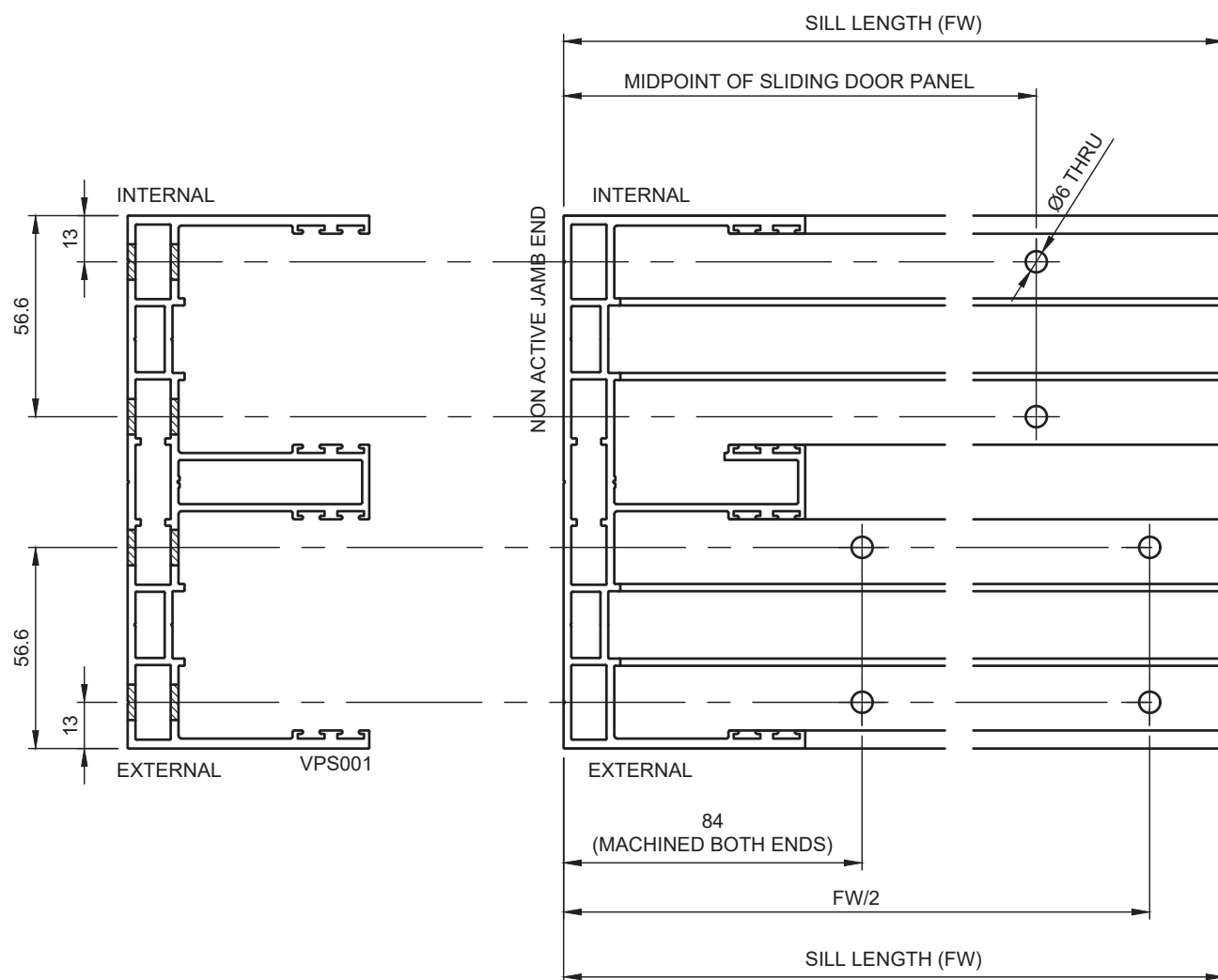


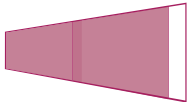
230mm FRAME



10. Manufacturing Details

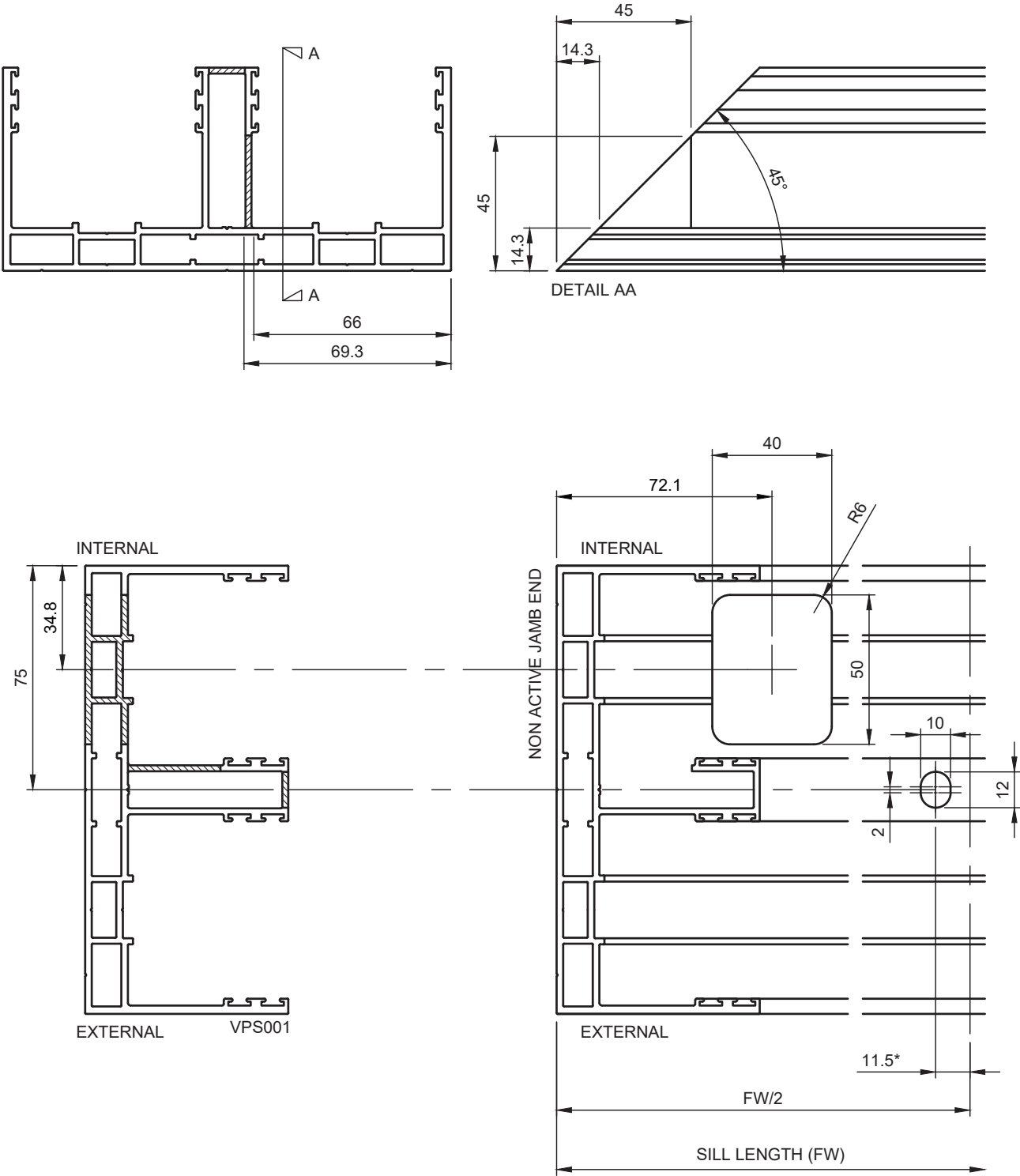
VPS001 150mm 2 Track Frame Weep Holes - OX or XO





10. Manufacturing Details

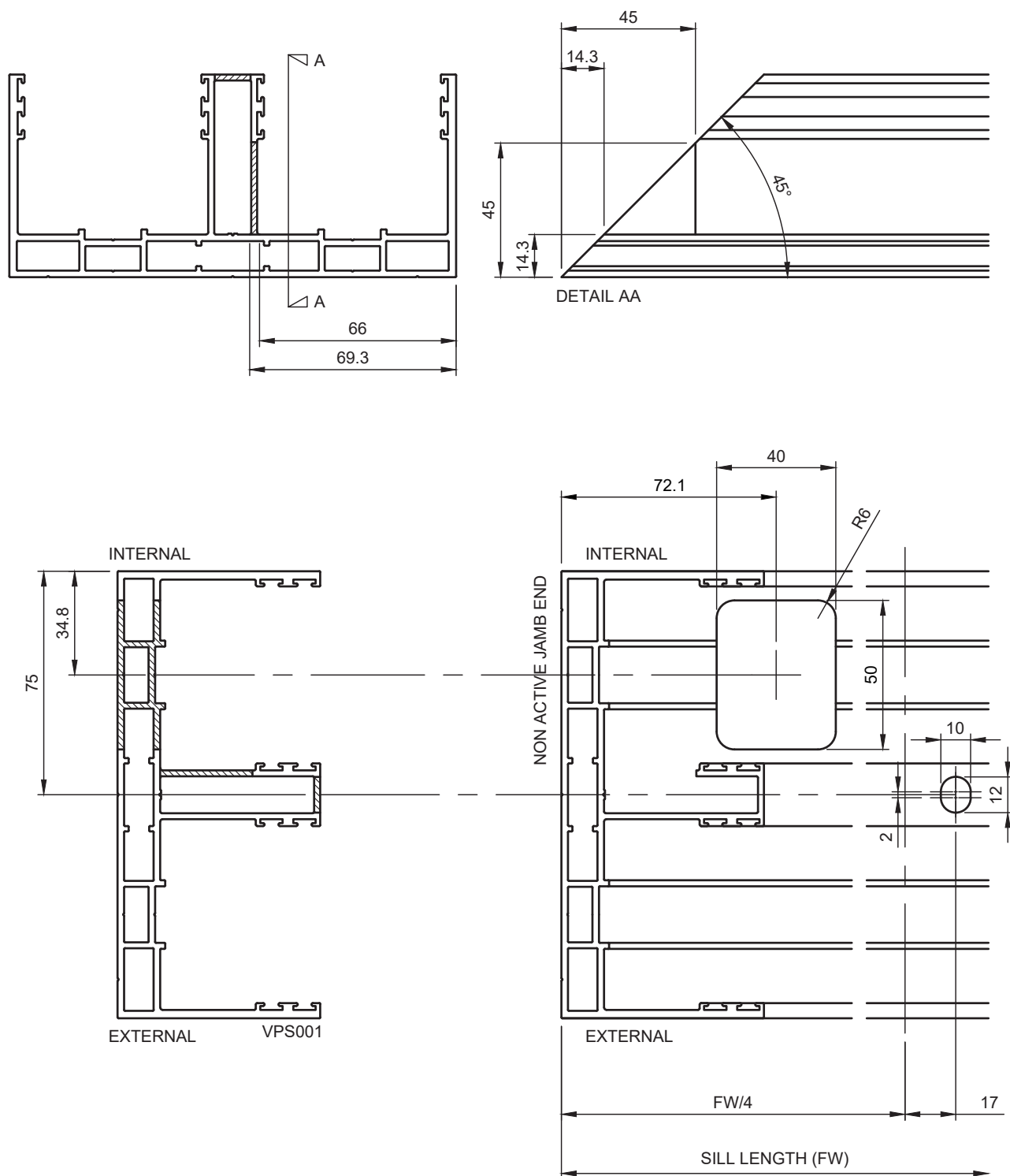
VPS001 150mm 2 Track Frame Drainage - OX or XO



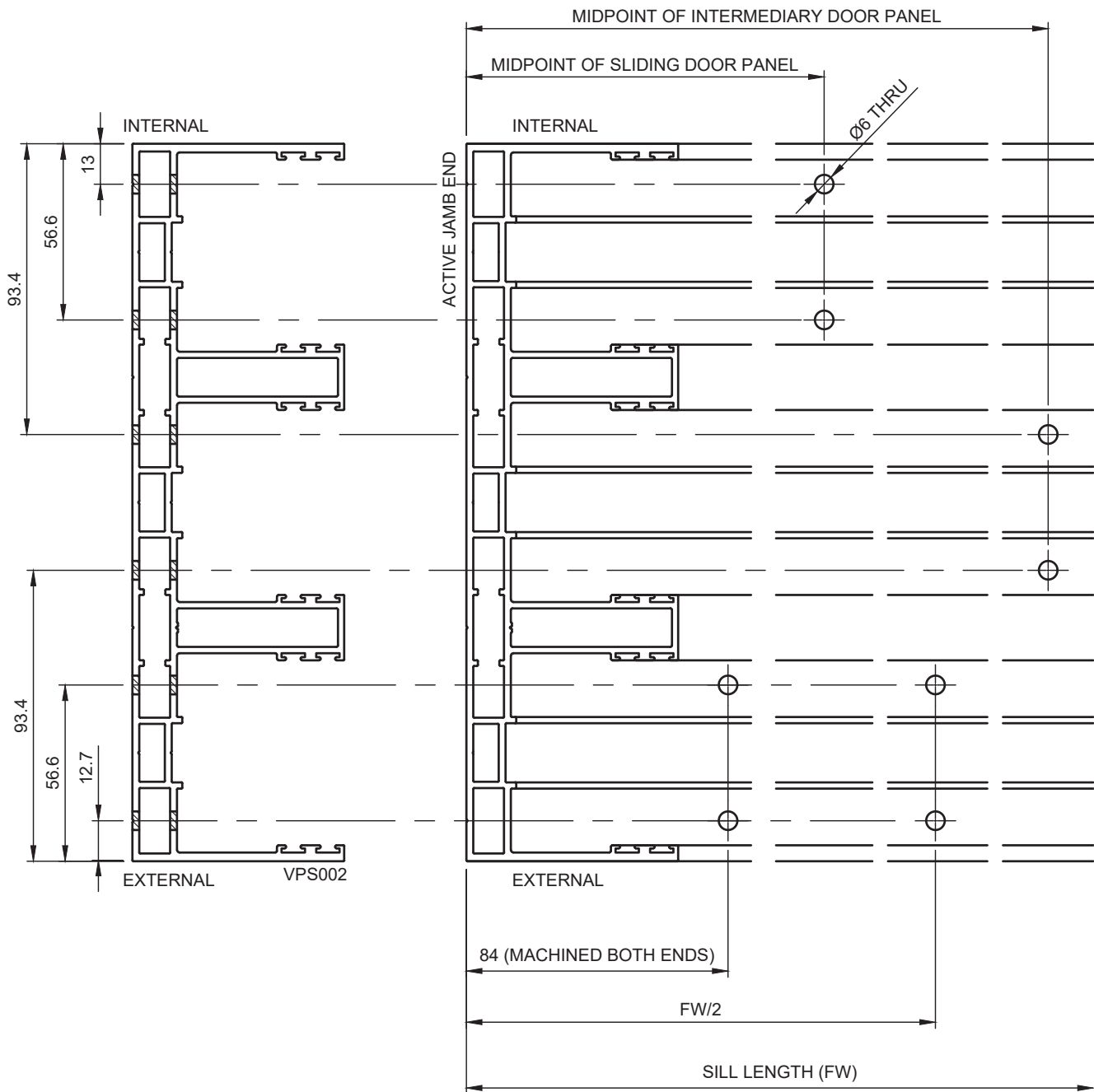
* FOR FLUSH STILE OPTION, SLOT IS LOCATED AT FW/2

10. Manufacturing Details

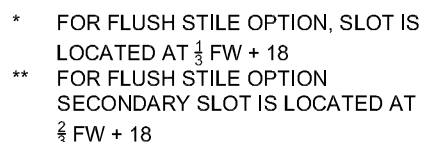
VPS001 150mm 2 Track Frame Drainage - OXXO



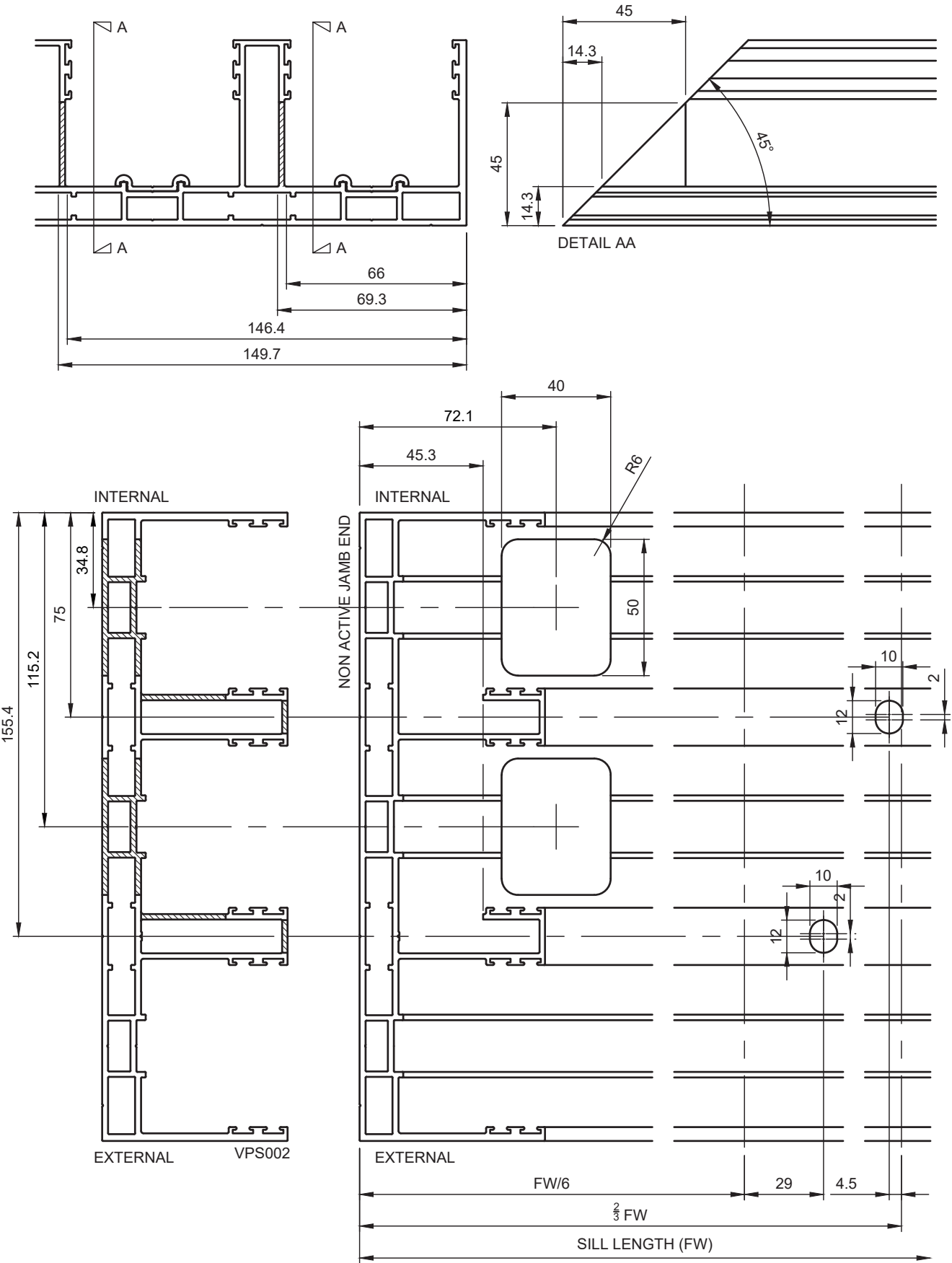
VPS002 230mm 3 Track Frame Weep Holes - OXX or XXO



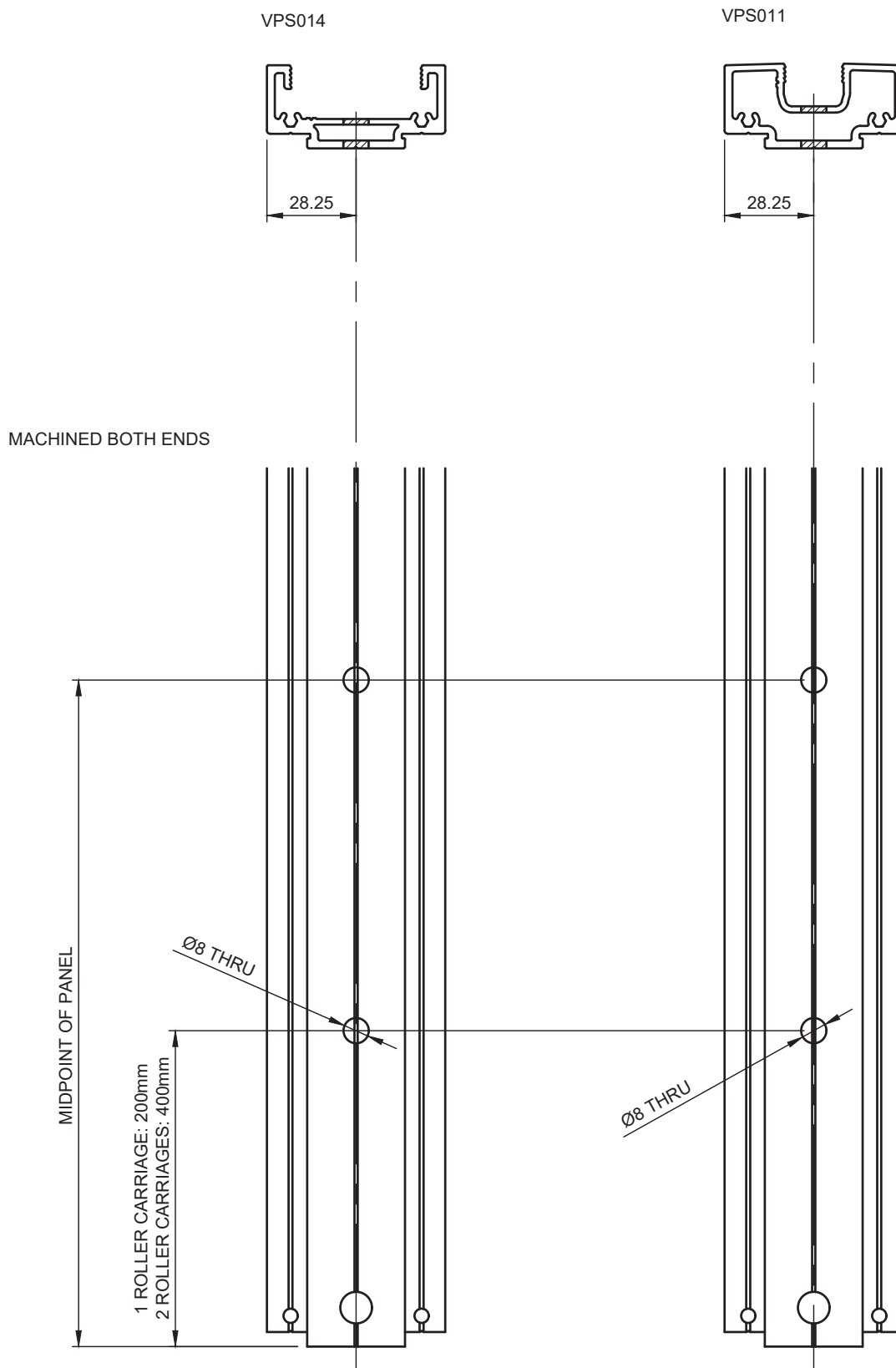
VPS002 230mm 3 Track Frame Drainage - OXX or XXO

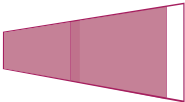


VPS002 230mm 3 Track Frame Drainage - OXXXXO or OXXXXO

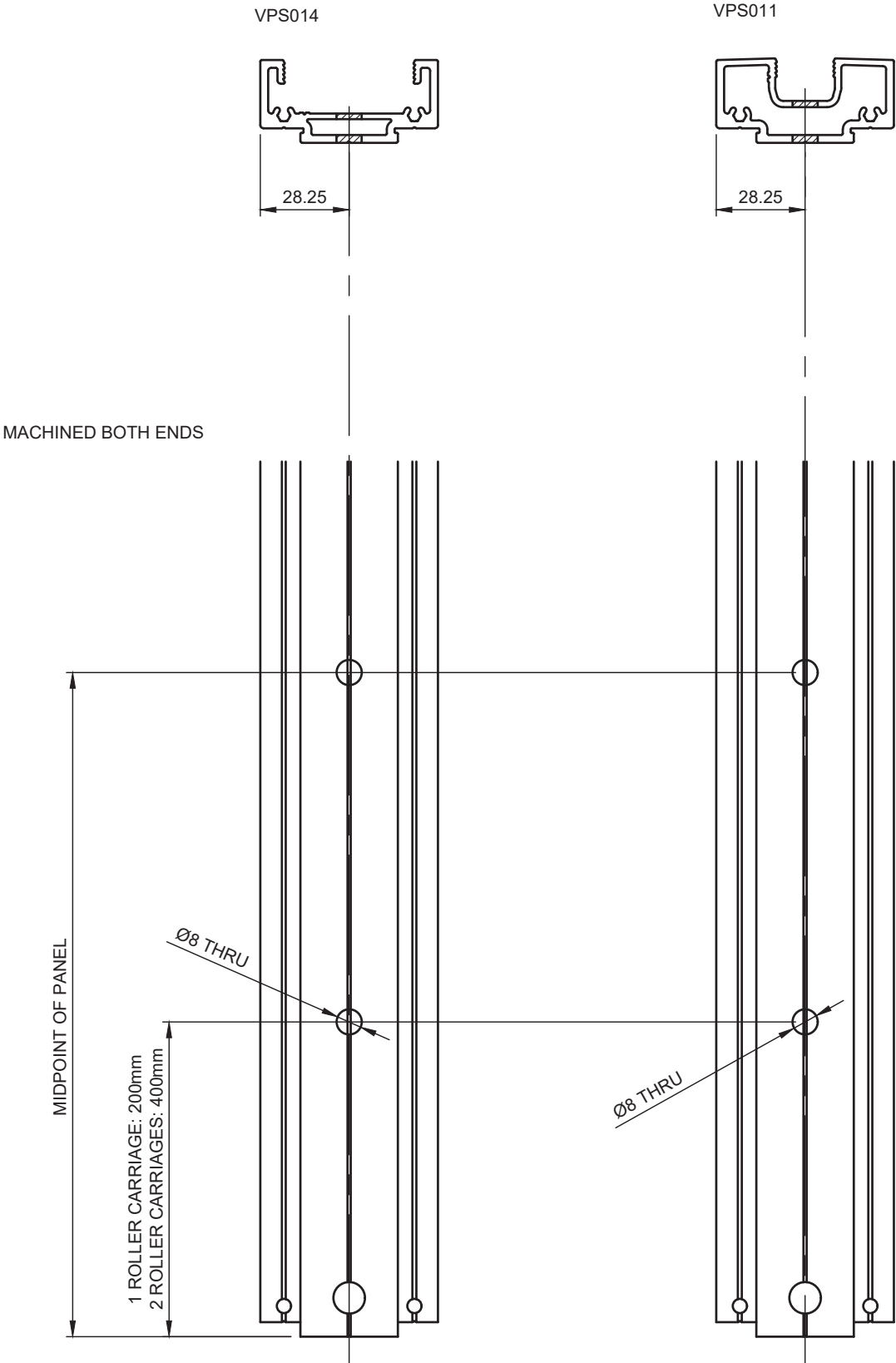


VPS022 & VPS023 Flush Grate Subsill - Drainage





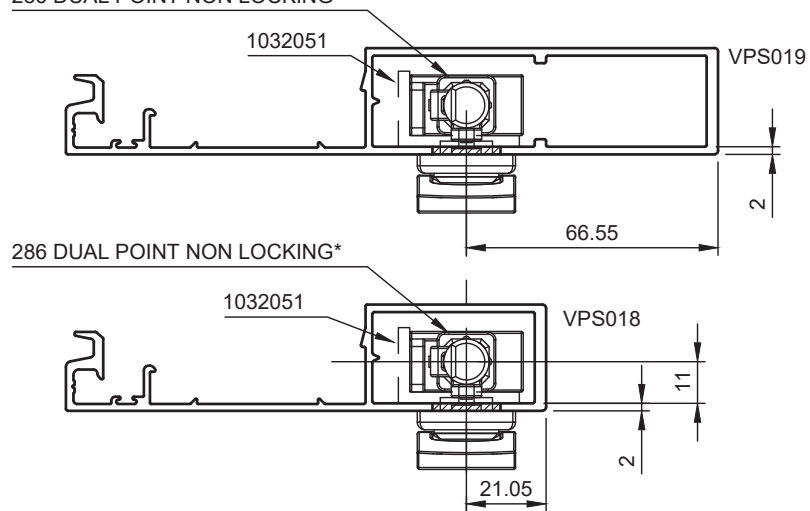
VPS011 & VPS014 - Drainage Bottom Rail Only



10. Manufacturing Details

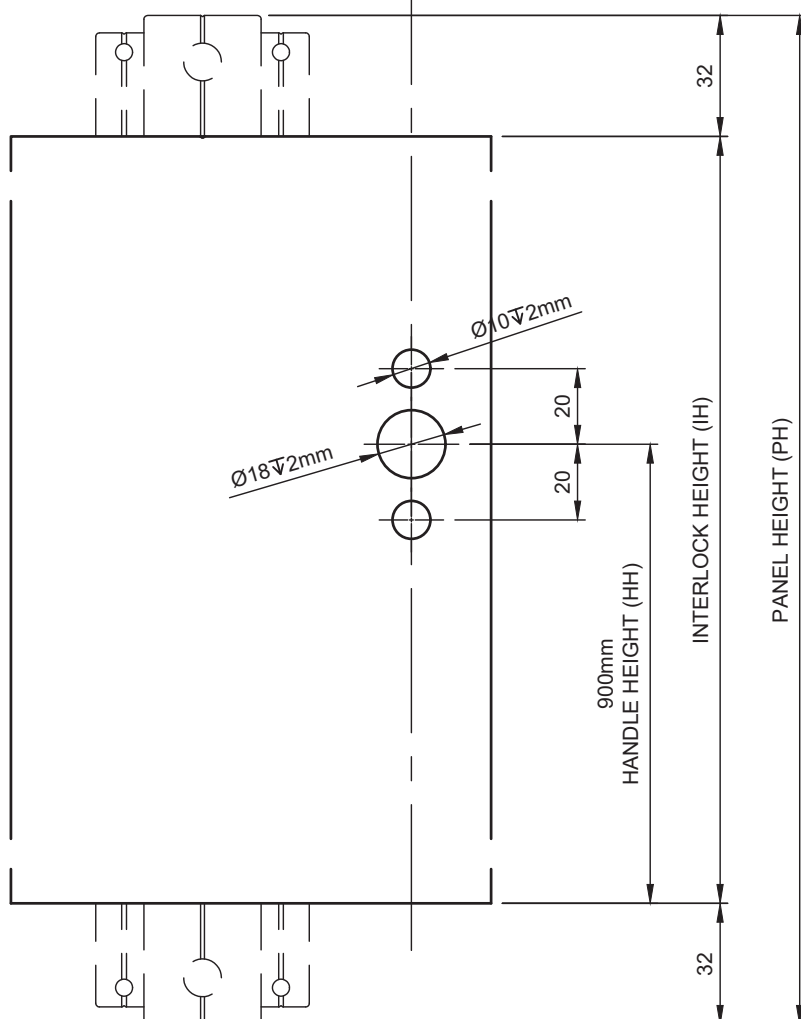
Brio 286 Dual Point Lock - VPS01 & VPS019 Interlock Preparation

286 DUAL POINT NON LOCKING*

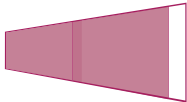


*NOTE:

- 1304111 BRIO 286 DUAL POINT NON LOCKING HANDLE 3.5m RODS TIP SC Kit
- 1304107 BRIO 286 DUAL POINT NON LOCKING HANDLE 3.5m RODS TIP BLK Kit
- 1304103 BRIO 286 DUAL POINT NON LOCKING HANDLE 3.5m RODS TIP SSS Kit

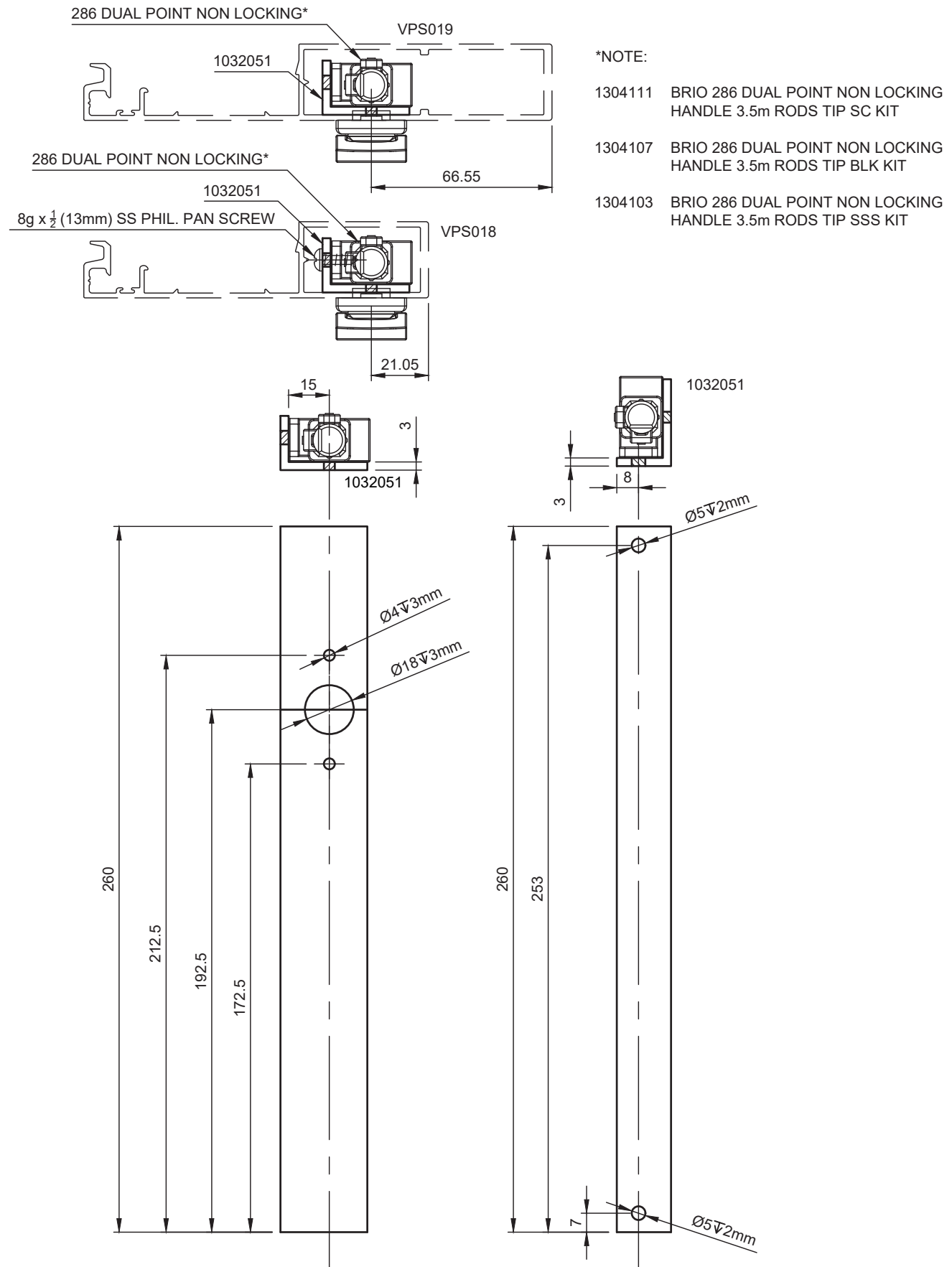


ROD LENGTHS
BOTTOM ROD LENGTH = HH - 222



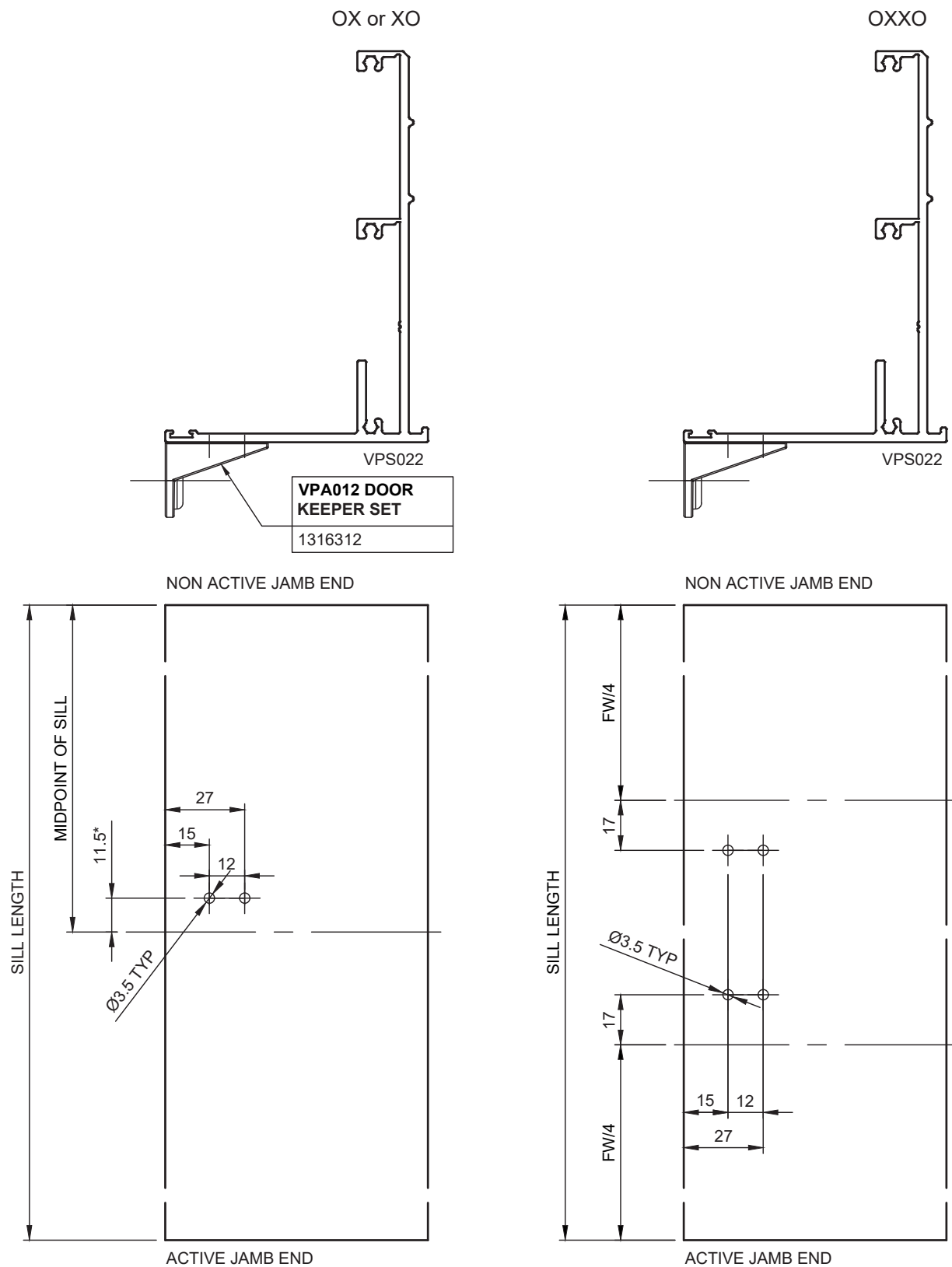
10. Manufacturing Details

Brio 286 Dual Point Lock - 160mm Fixing Angle 32 x 20 x 3mm



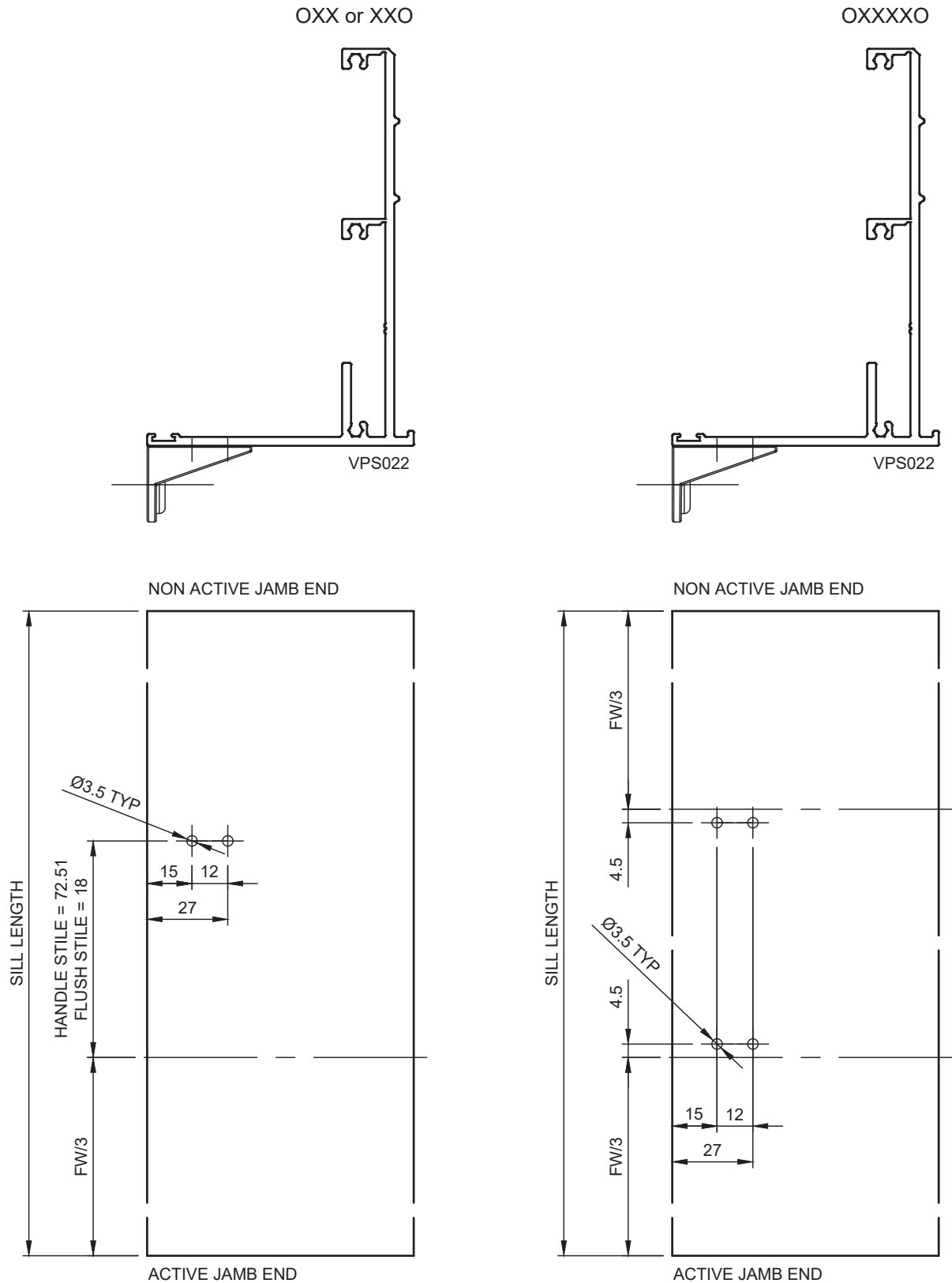
10. Manufacturing Details

VPA012 Door Keeper Location - 150mm 2 Track Frame Sill Drainage



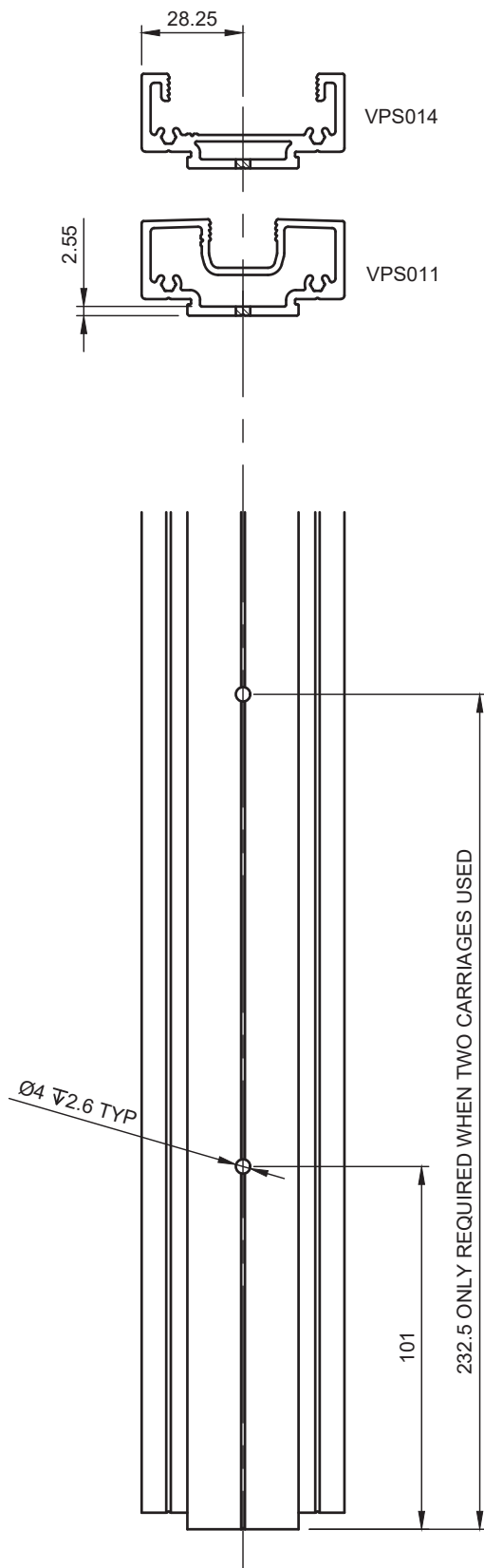
* FOR FLUSH STILE OPTION, KEEPER HOLES IS LOCATED AT FW/2

VPA012 Door Keeper Location - 230mm 3 Track Frame Sill Drainage

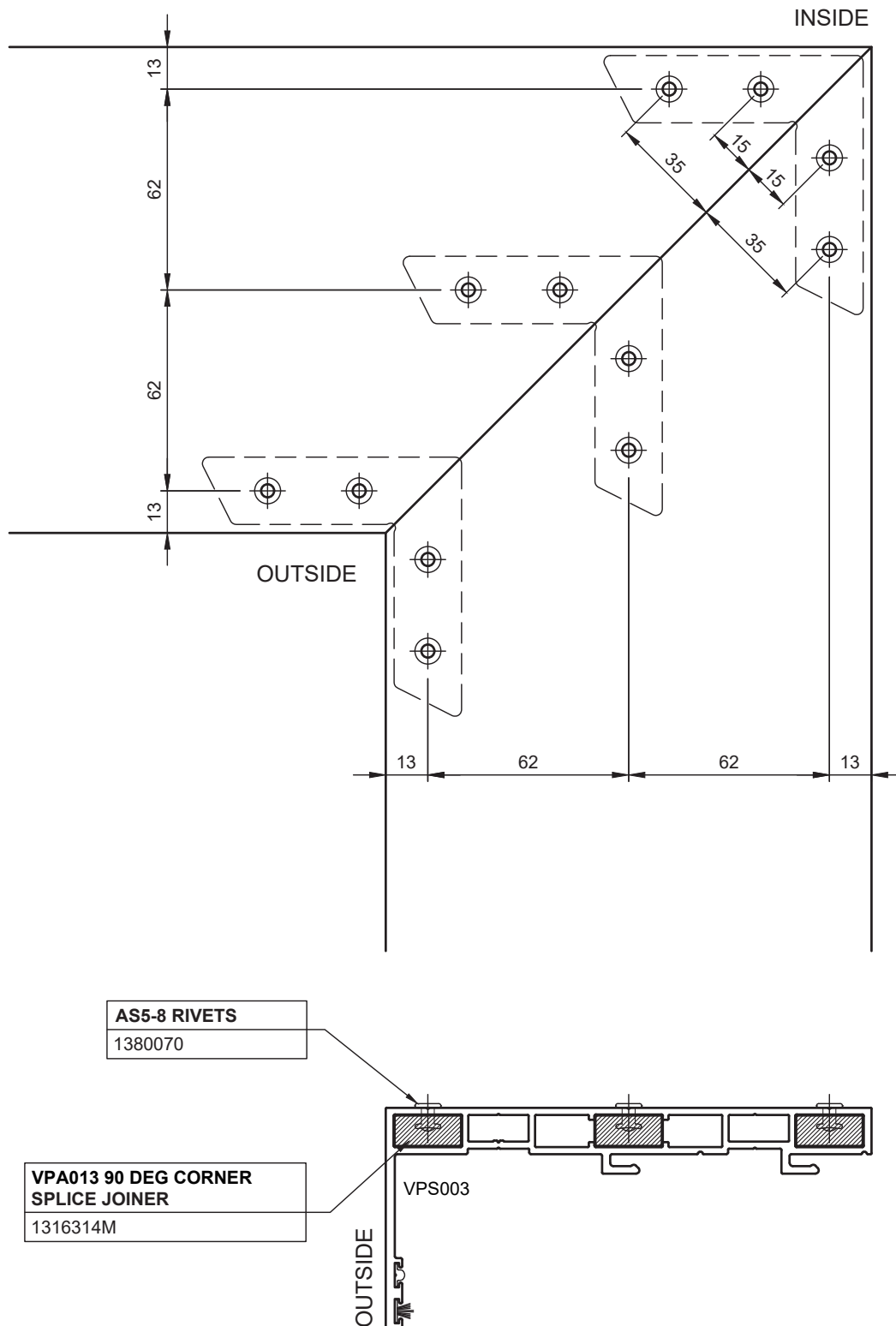


10. Manufacturing Details

Bottom Rail Roller Fixing Point

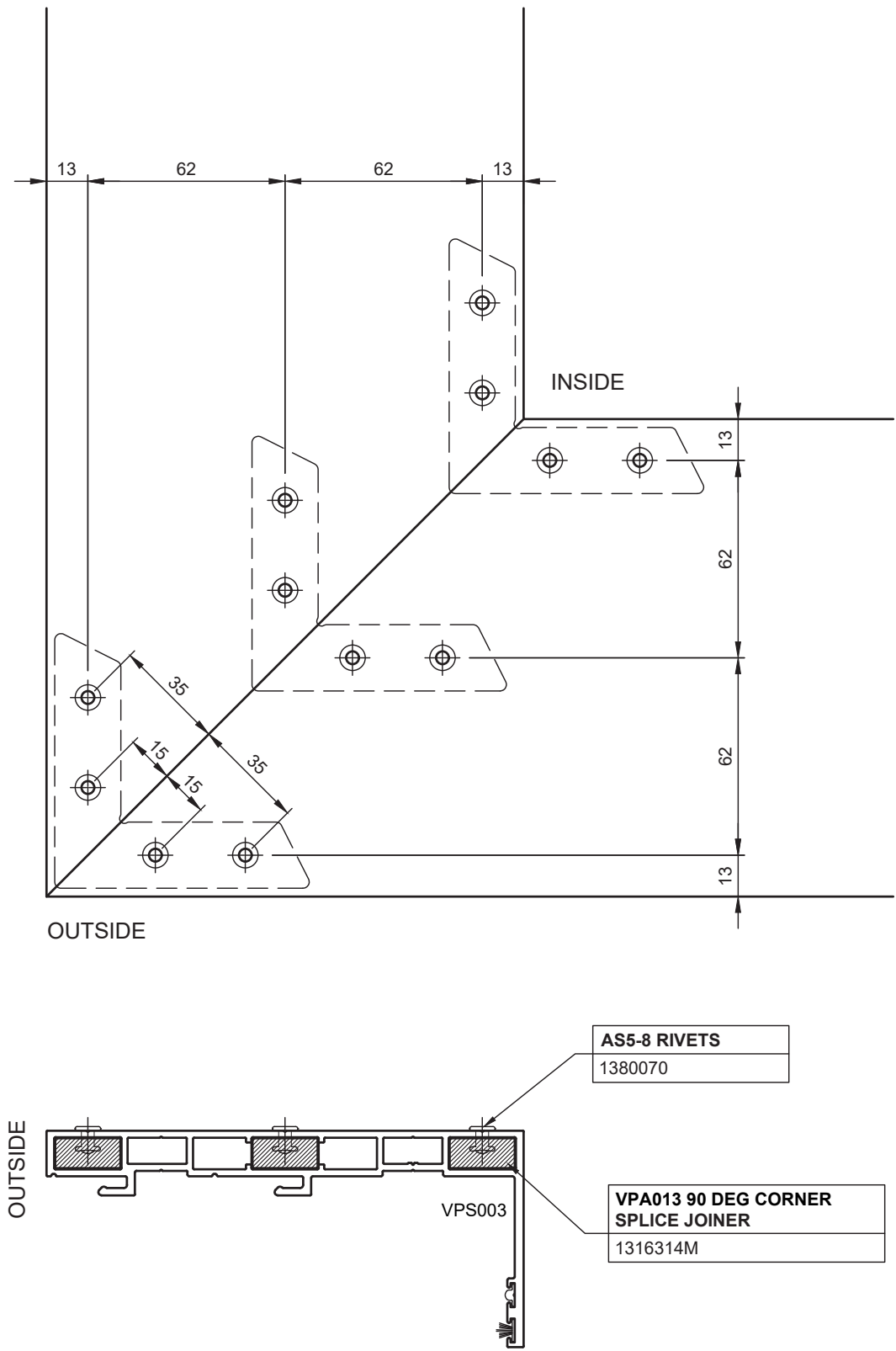


90 Deg Internal Corner Joint Fixing Detail - 2 Track

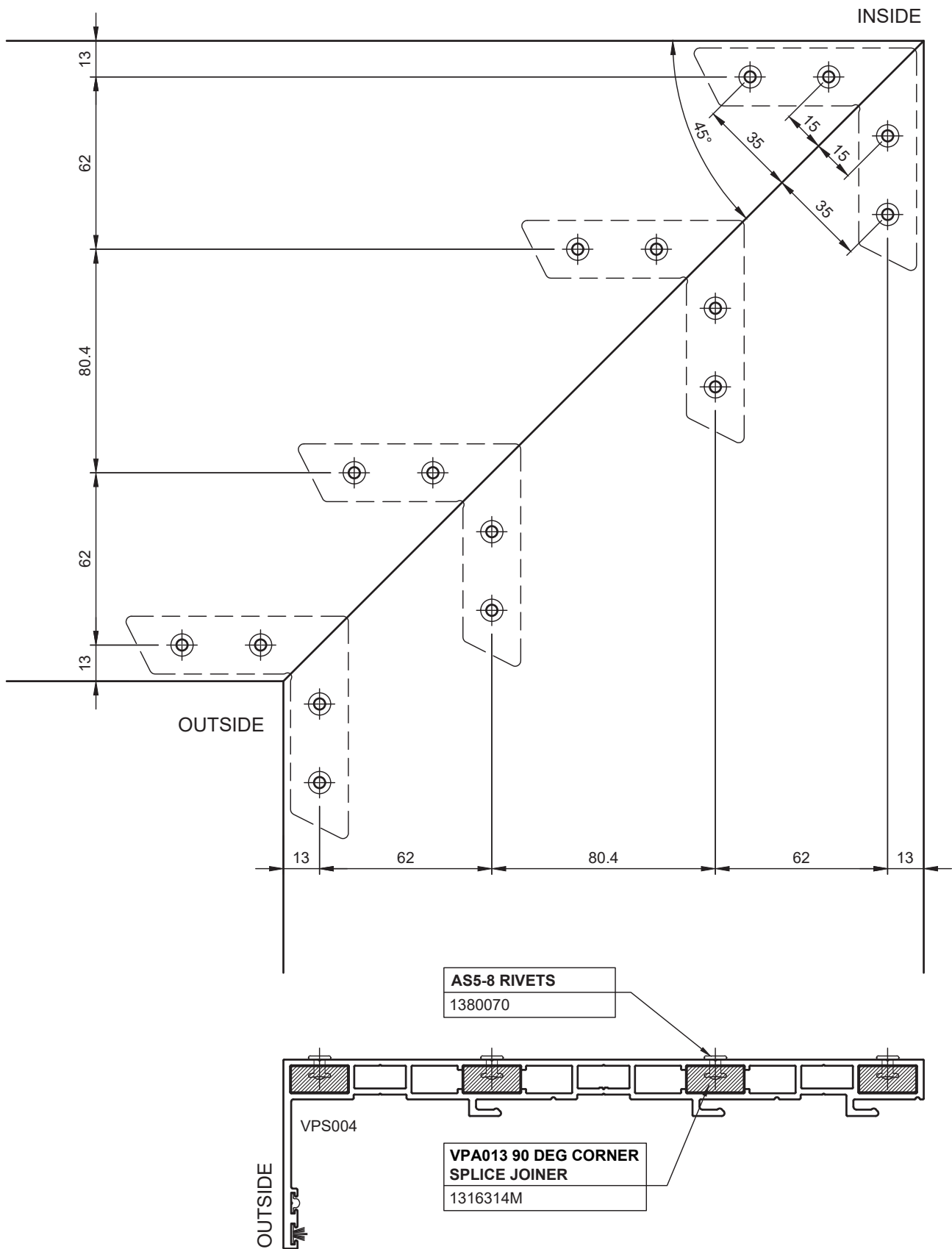


10. Manufacturing Details

90 Deg External Corner Joint Fixing Detail - 2 Track

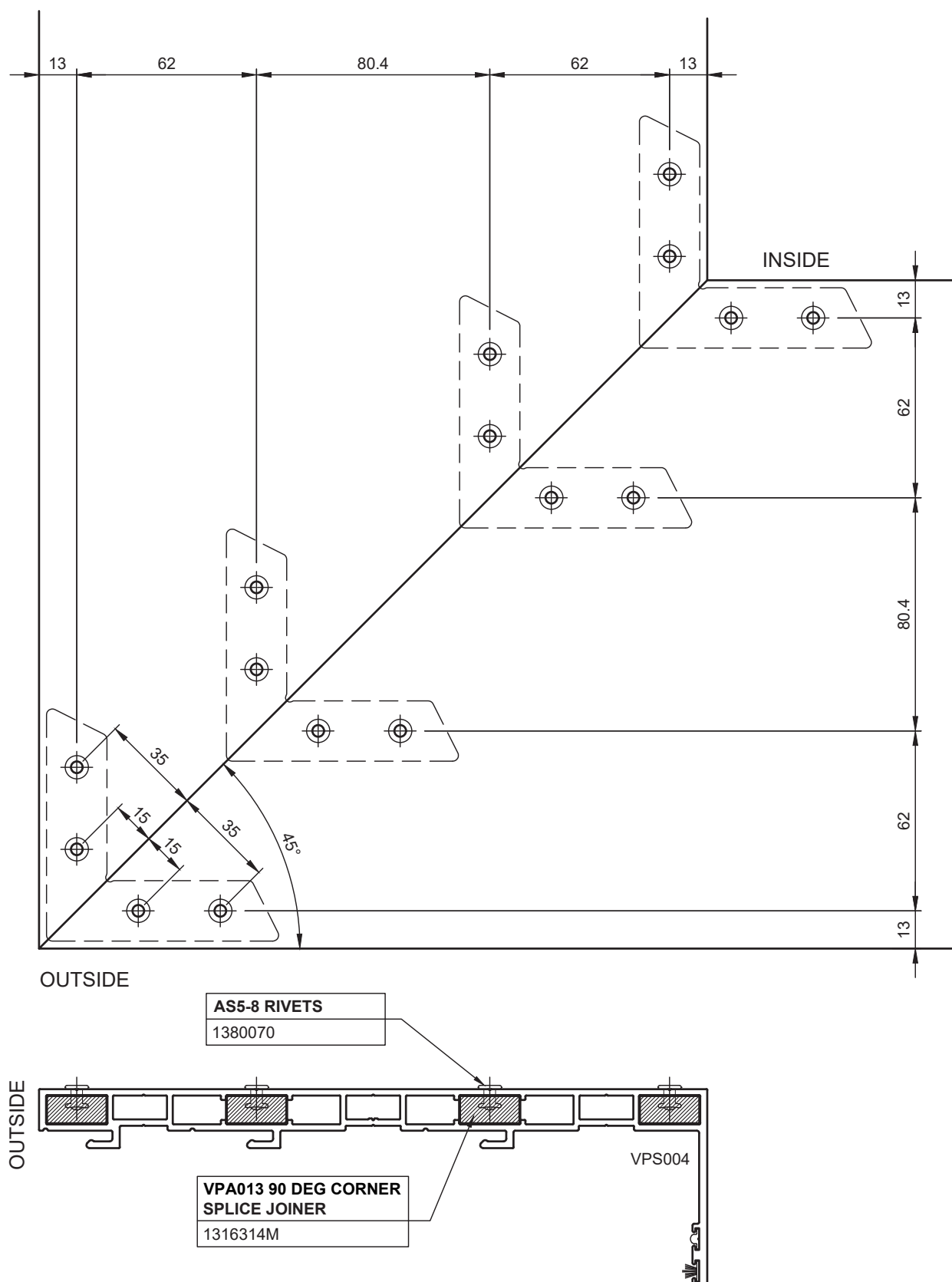


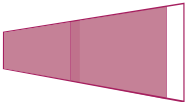
90 Deg Internal Corner Joint Fixing Detail - 3 Track



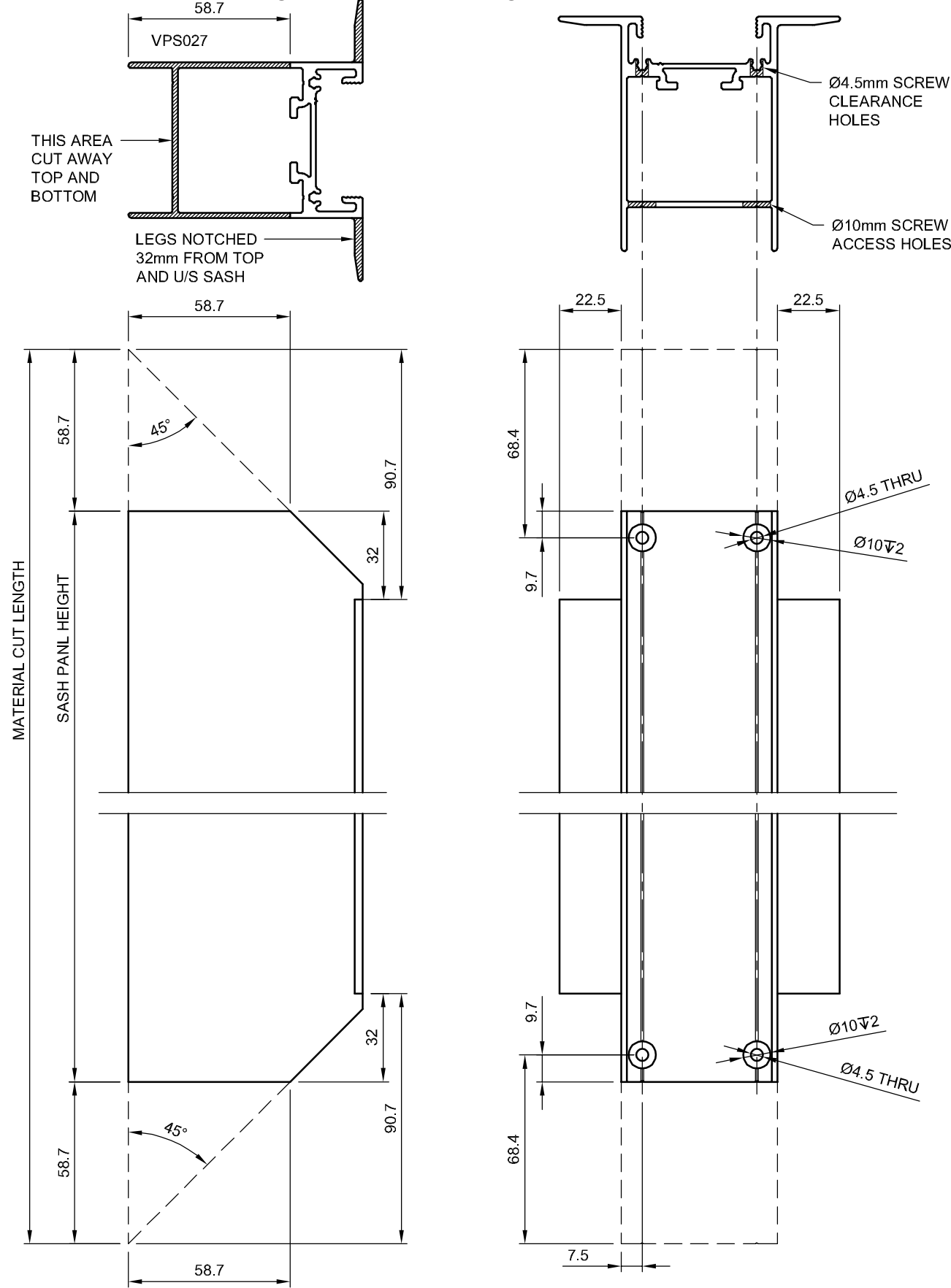
10. Manufacturing Details

90 Deg Internal Corner Joint Fixing Detail - 3 Track



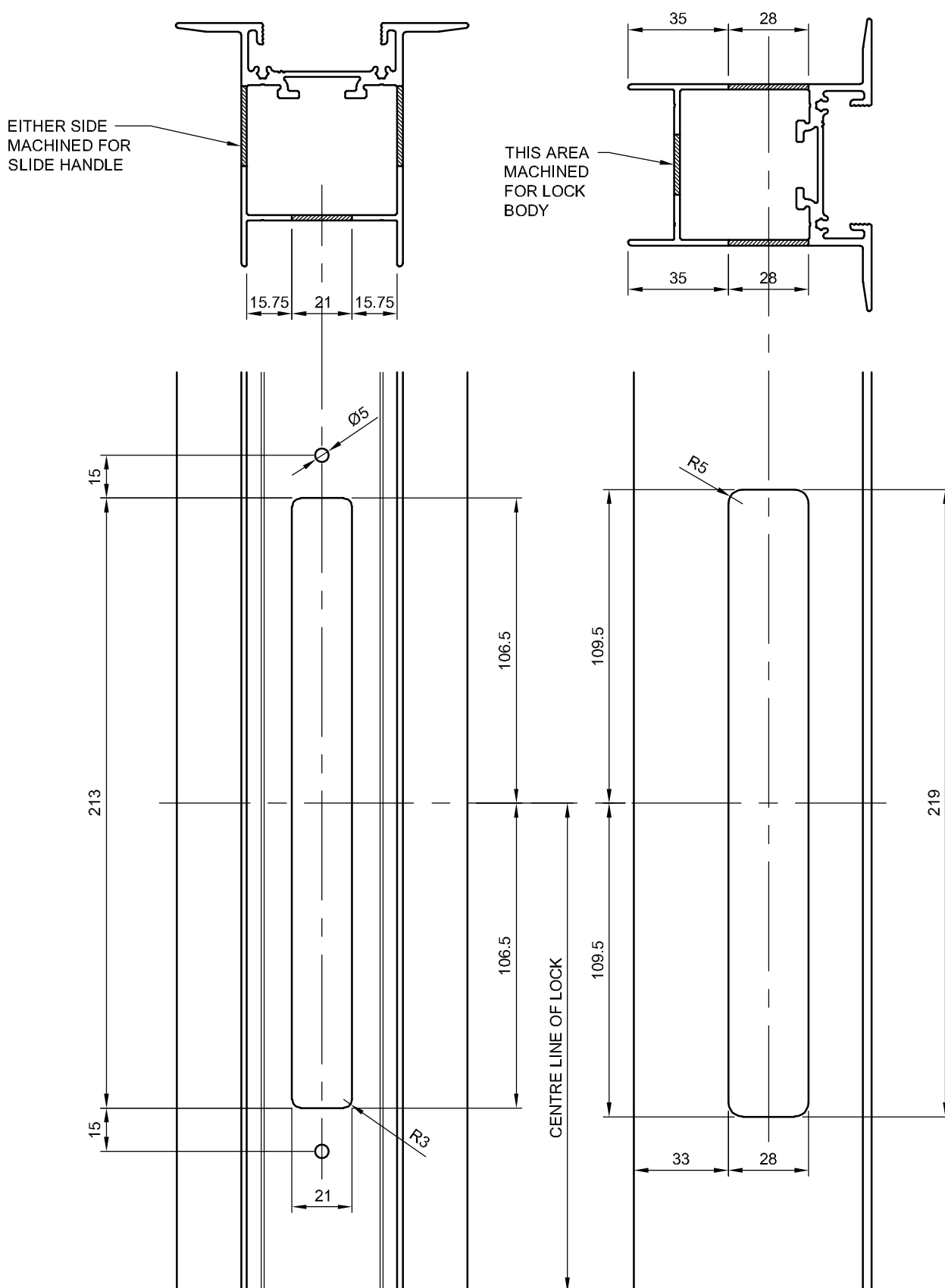


VPS027 Lock Stile Machining Detail for Triser Sliding Door Mortice Lock

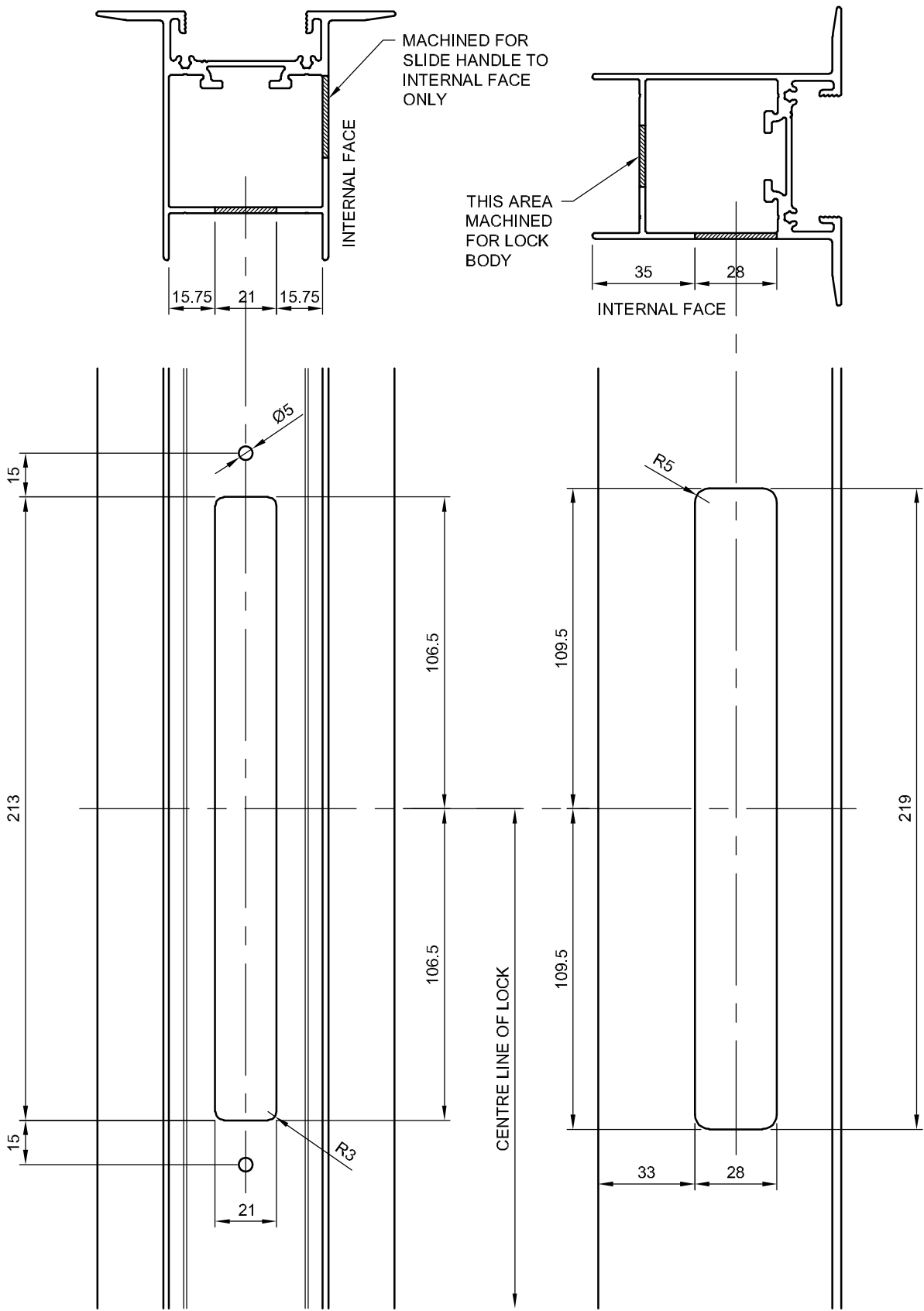


10. Manufacturing Details

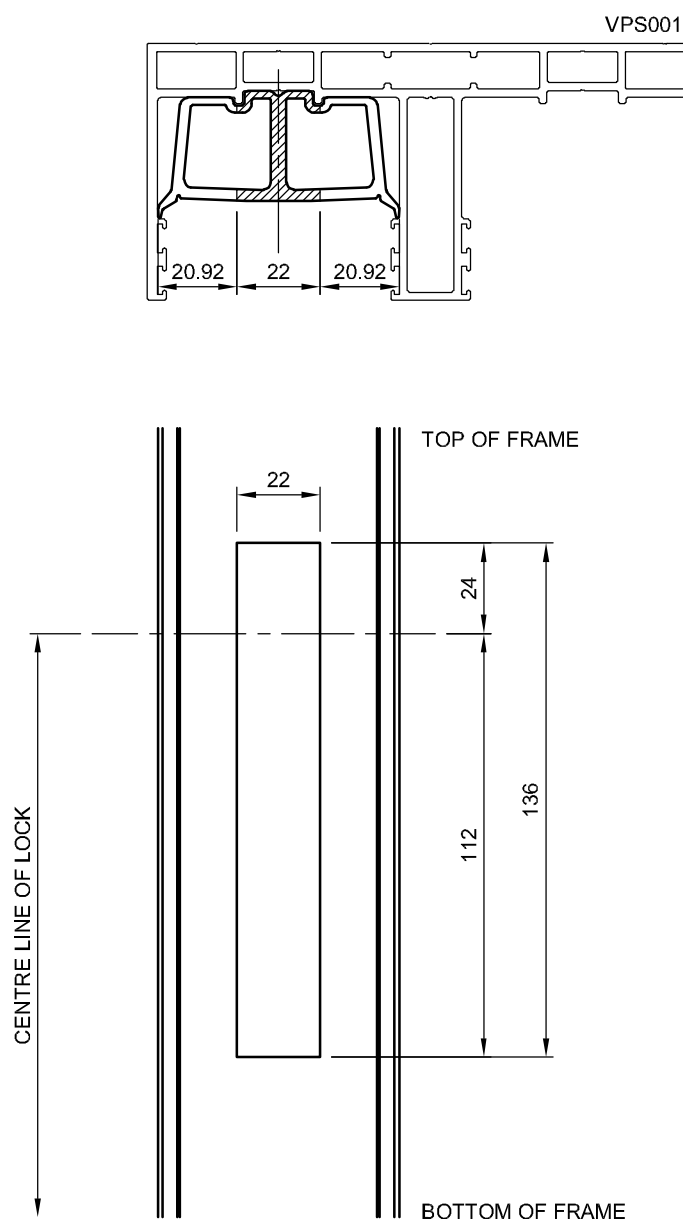
VPS027 Lock Stile Machining for Triser Sliding Door Mortice Lock AL33 Kits 1 & 2

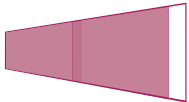


VPS027 Lock Stile Machining for Triser Sliding Door Mortice Lock AL33 Kit 3 only



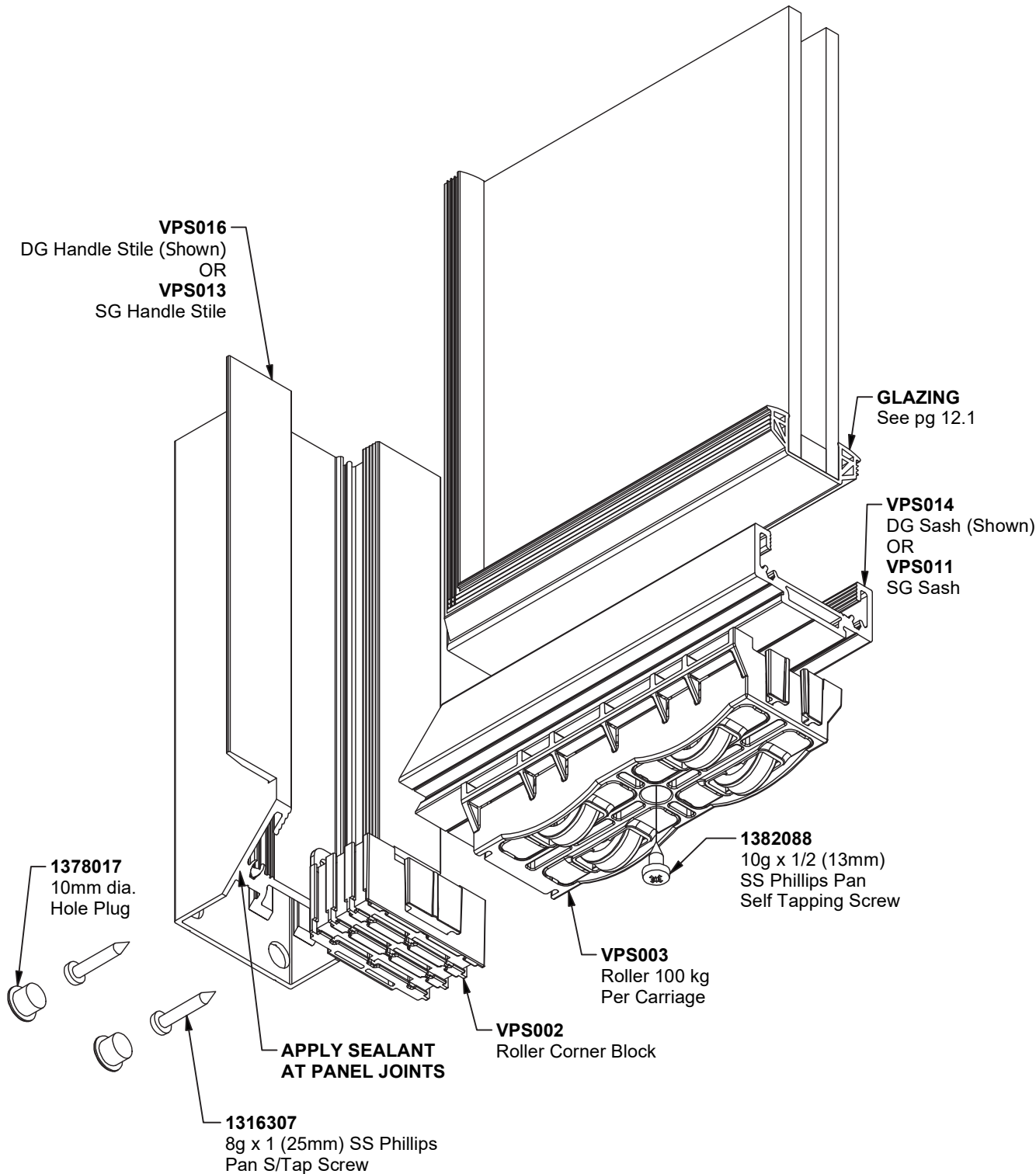
VPA008 Jamb Bump Stop cutout preparation for Triser Sliding Door Mortice Lock Keeper





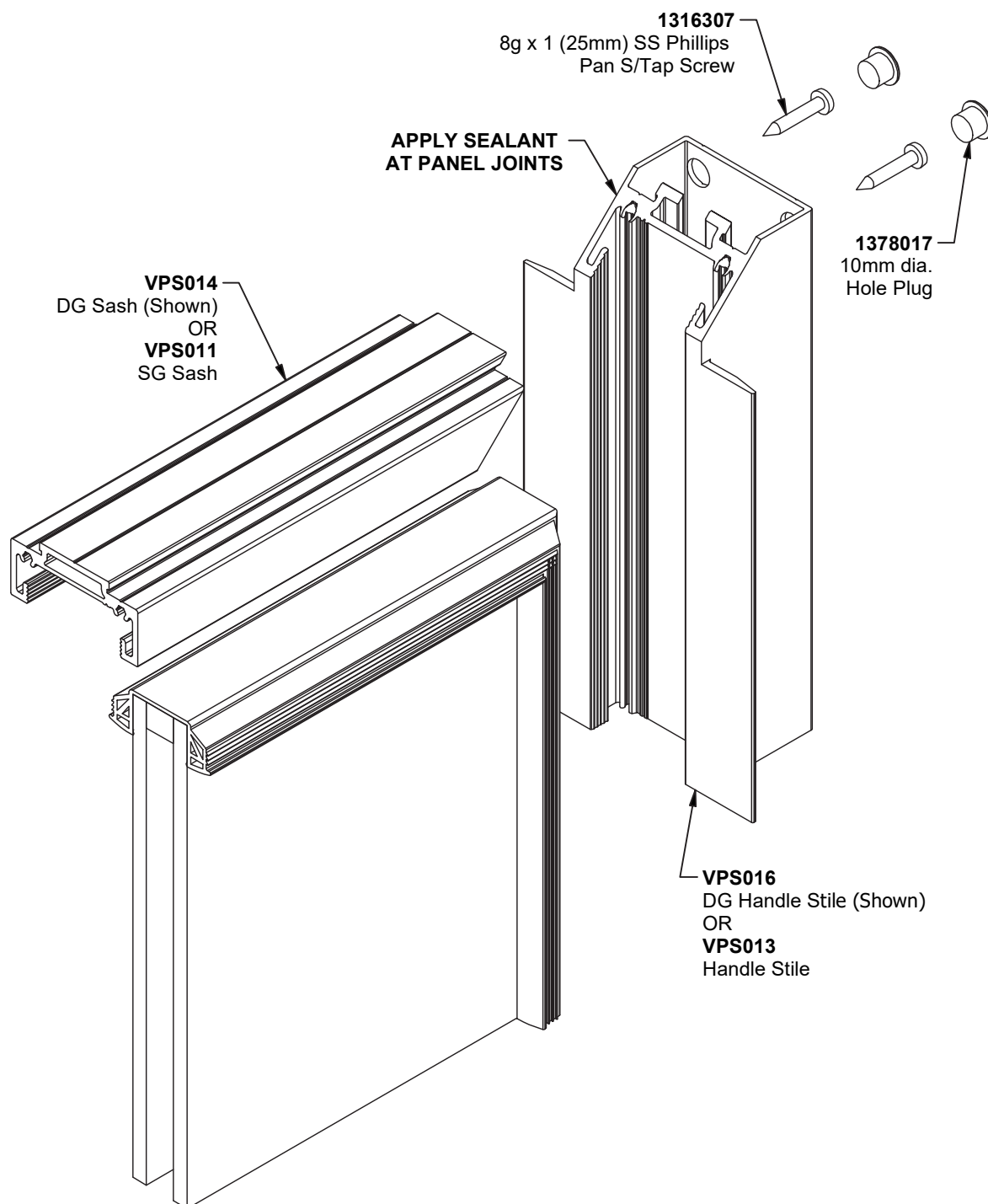
11. Assembly Details

Sliding Panel Bottom Handle Lockstile Corner

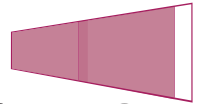


11. Assembly Details

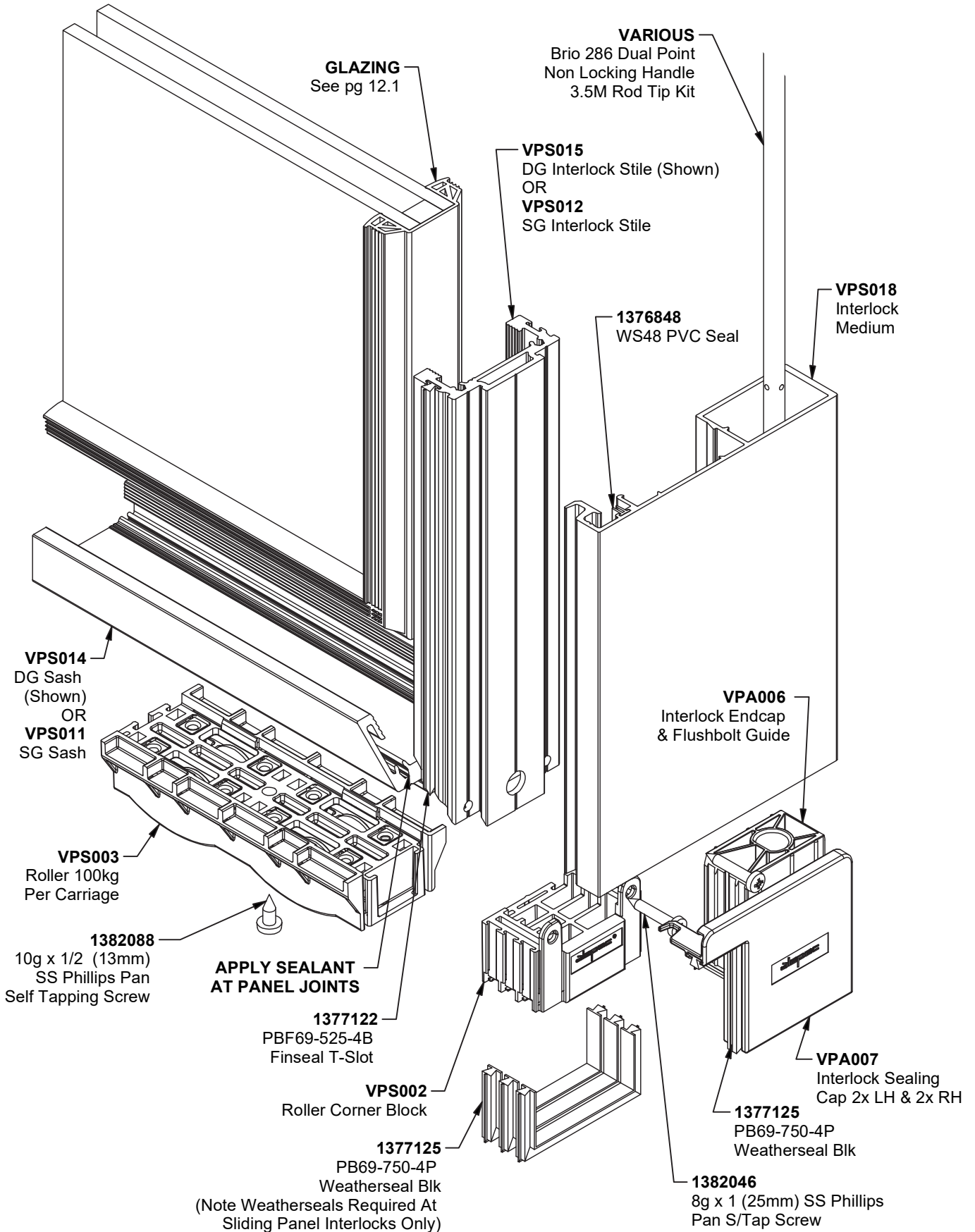
Sliding Panel Top Handle Lockstile Corner



11. Assembly Details

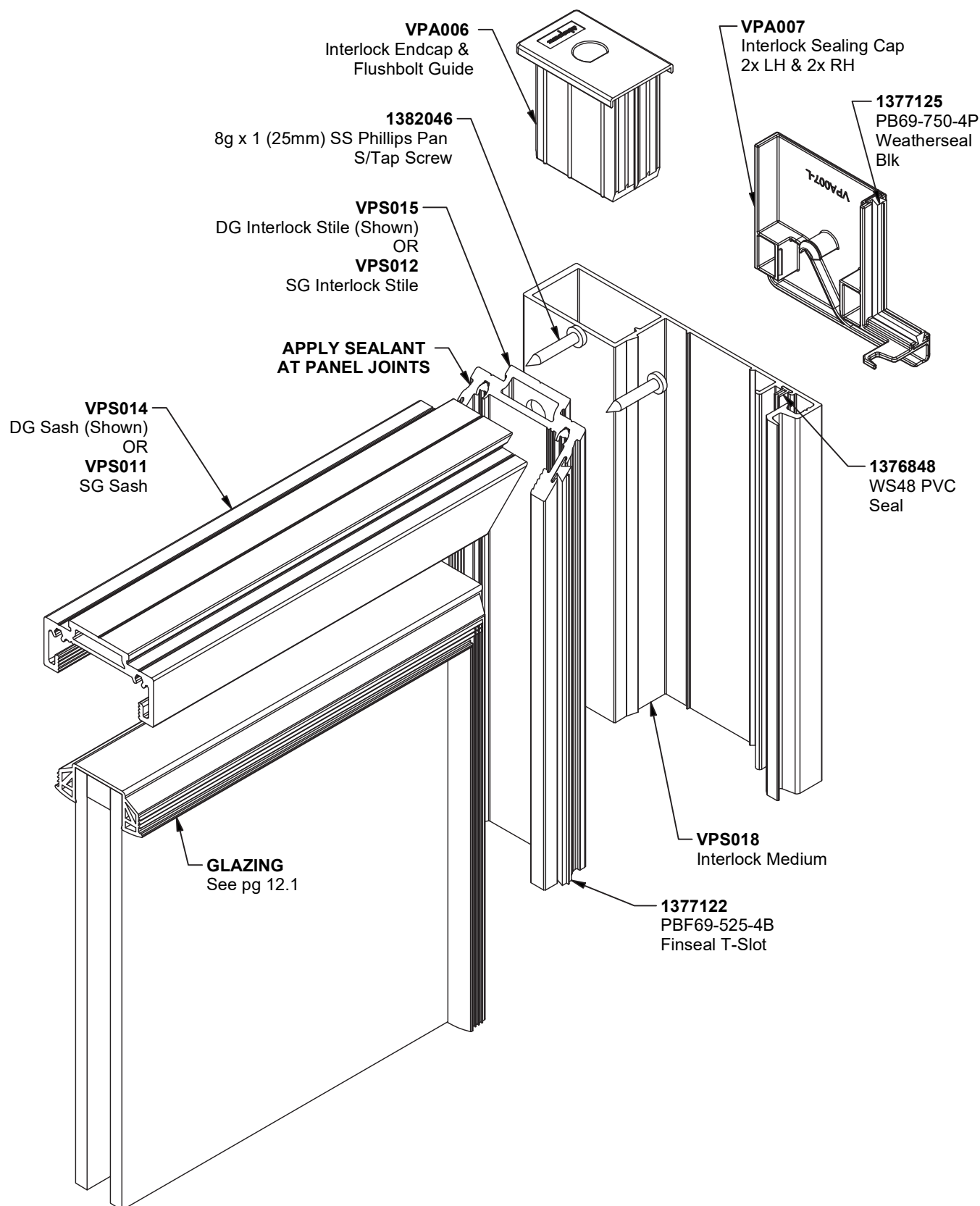


Sliding Panel Bottom Interlock Corner



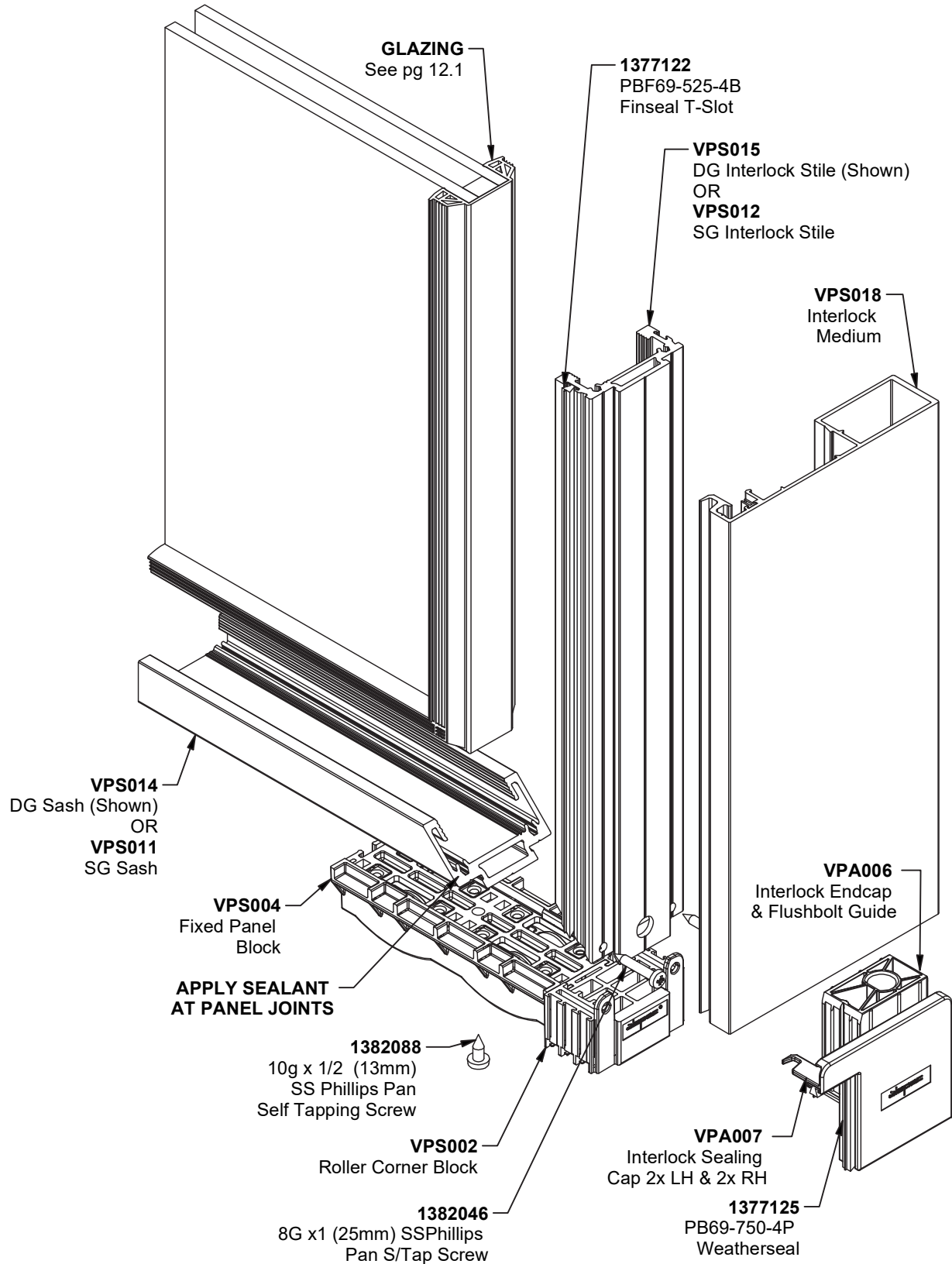
11. Assembly Details

Sliding and Fixed Panel Top Interlock Corner



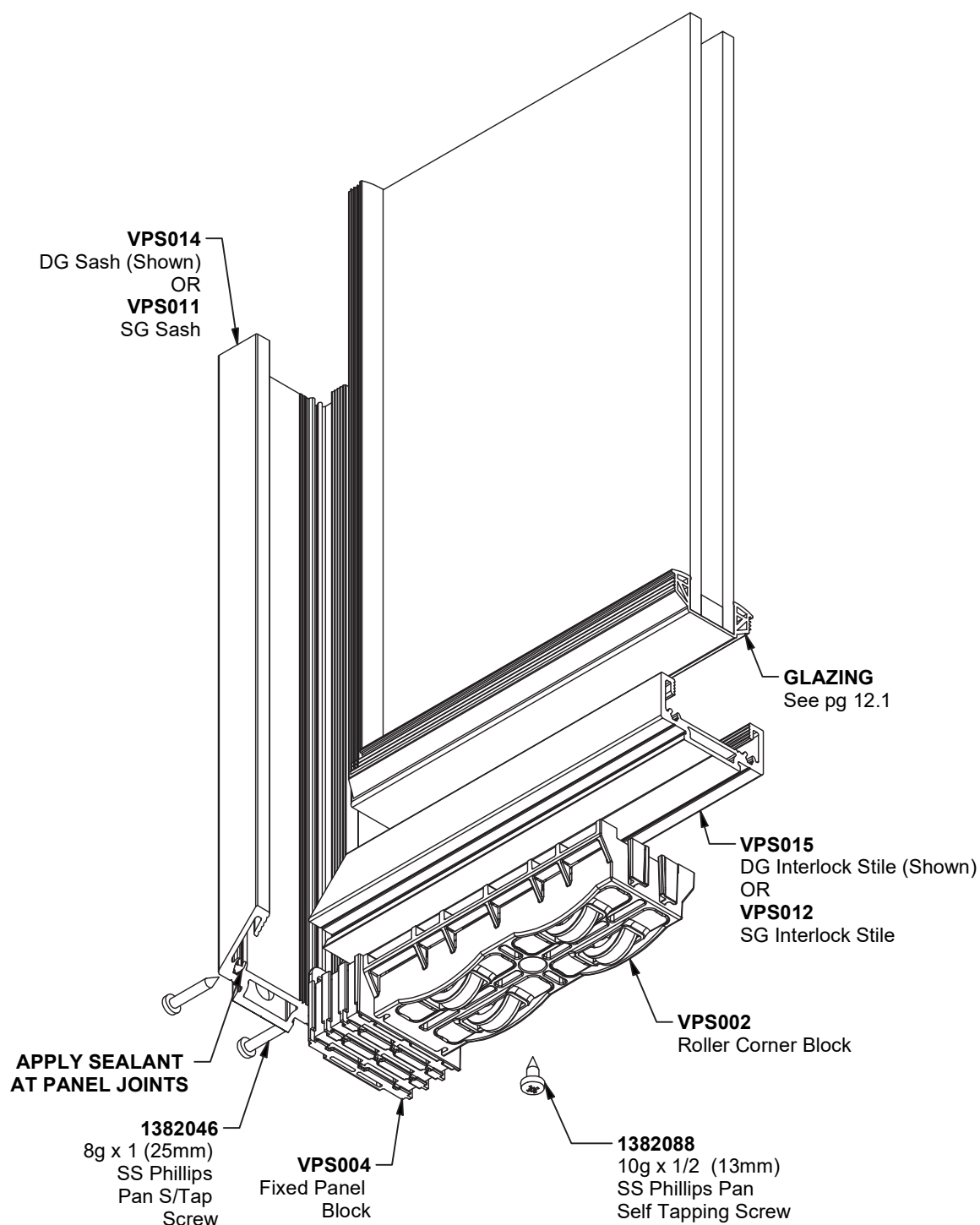
11. Assembly Details

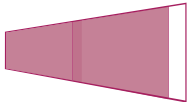
Fixed Panel Bottom Interlock Corner



11. Assembly Details

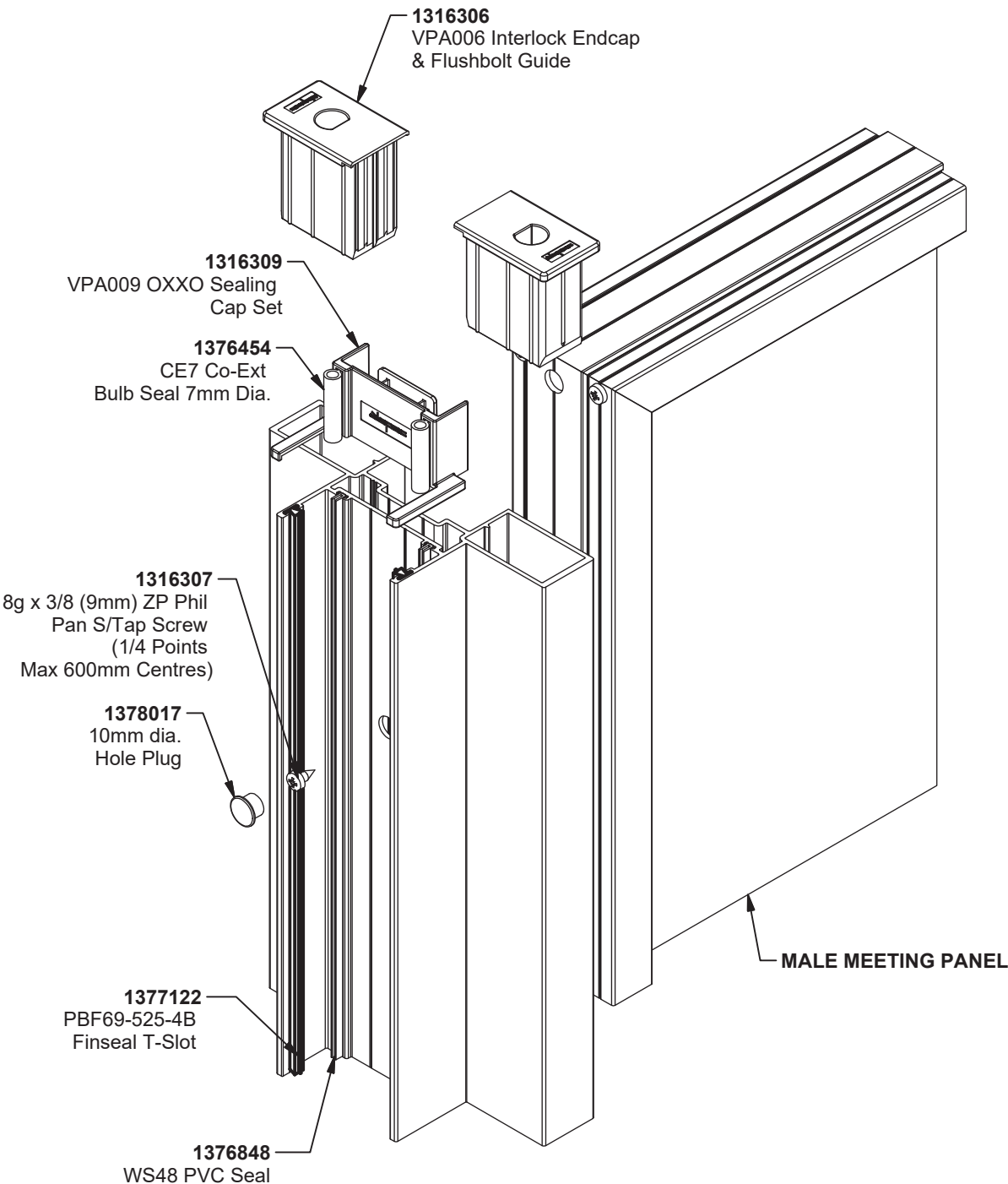
Fixed Panel Bottom Corner (and Sliding Panel Flush Option)





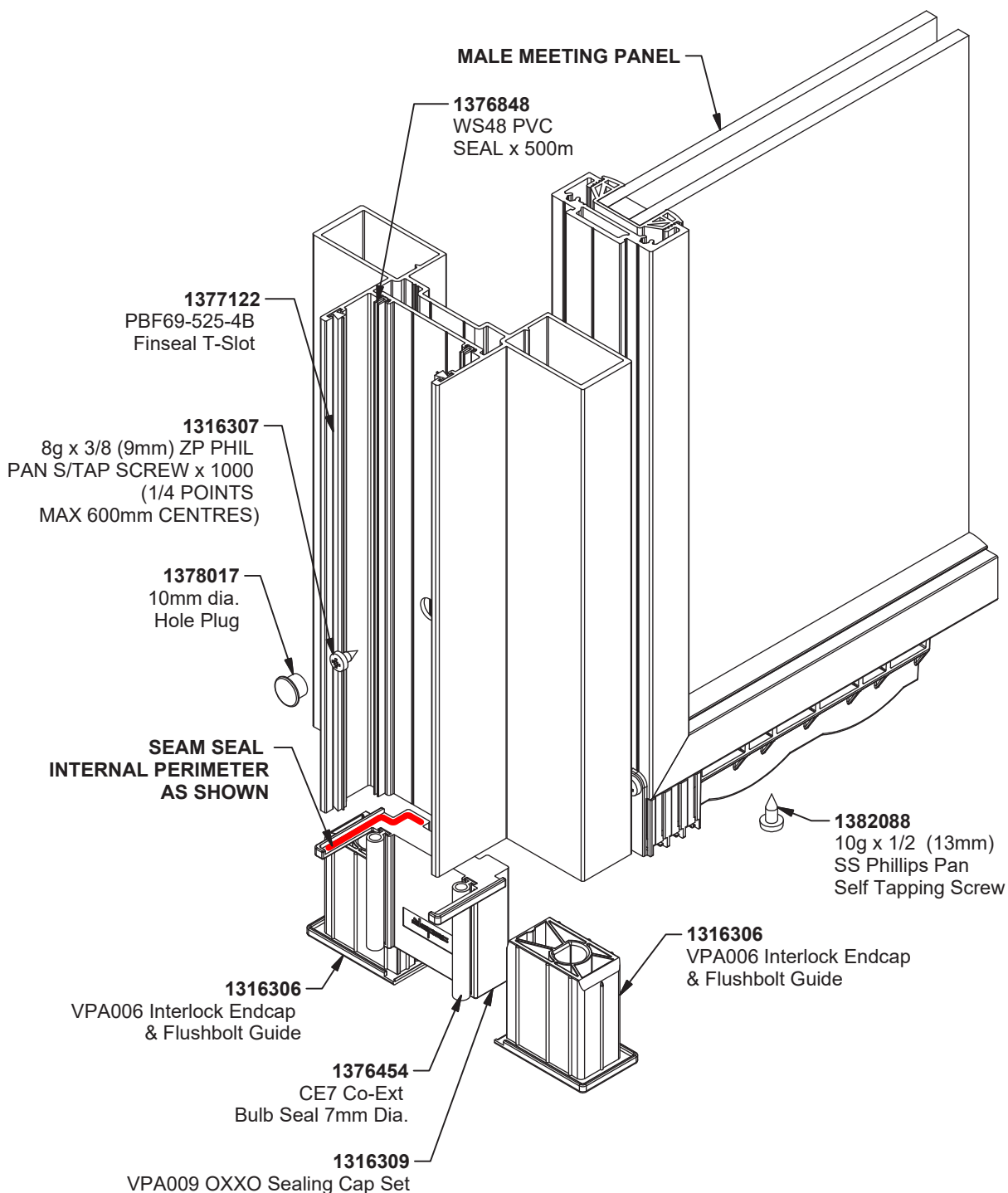
11. Assembly Details

Meeting Panel Top Corner

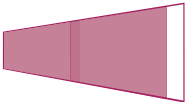


11. Assembly Details

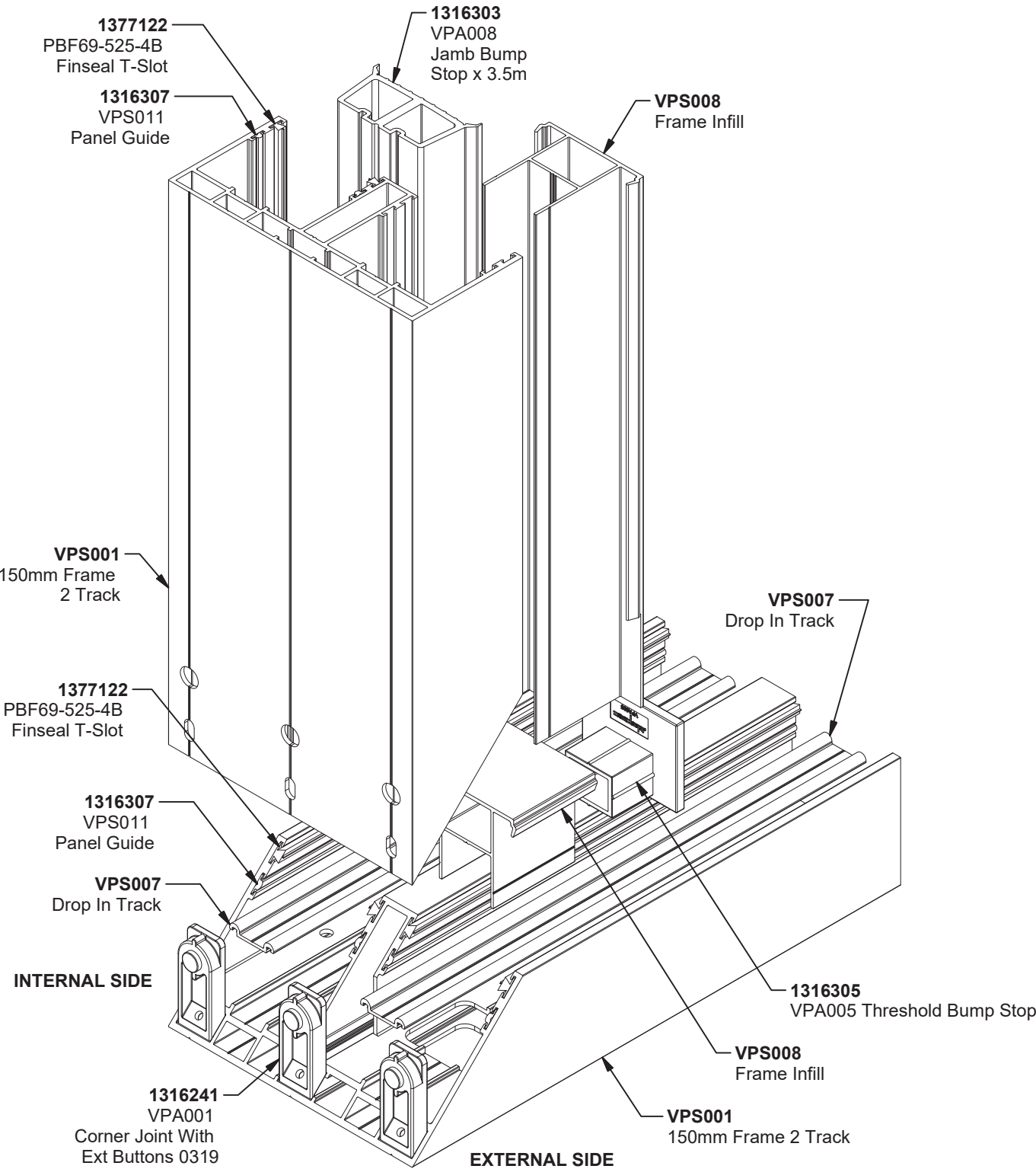
Meeting Panel Bottom Corner



11. Assembly Details

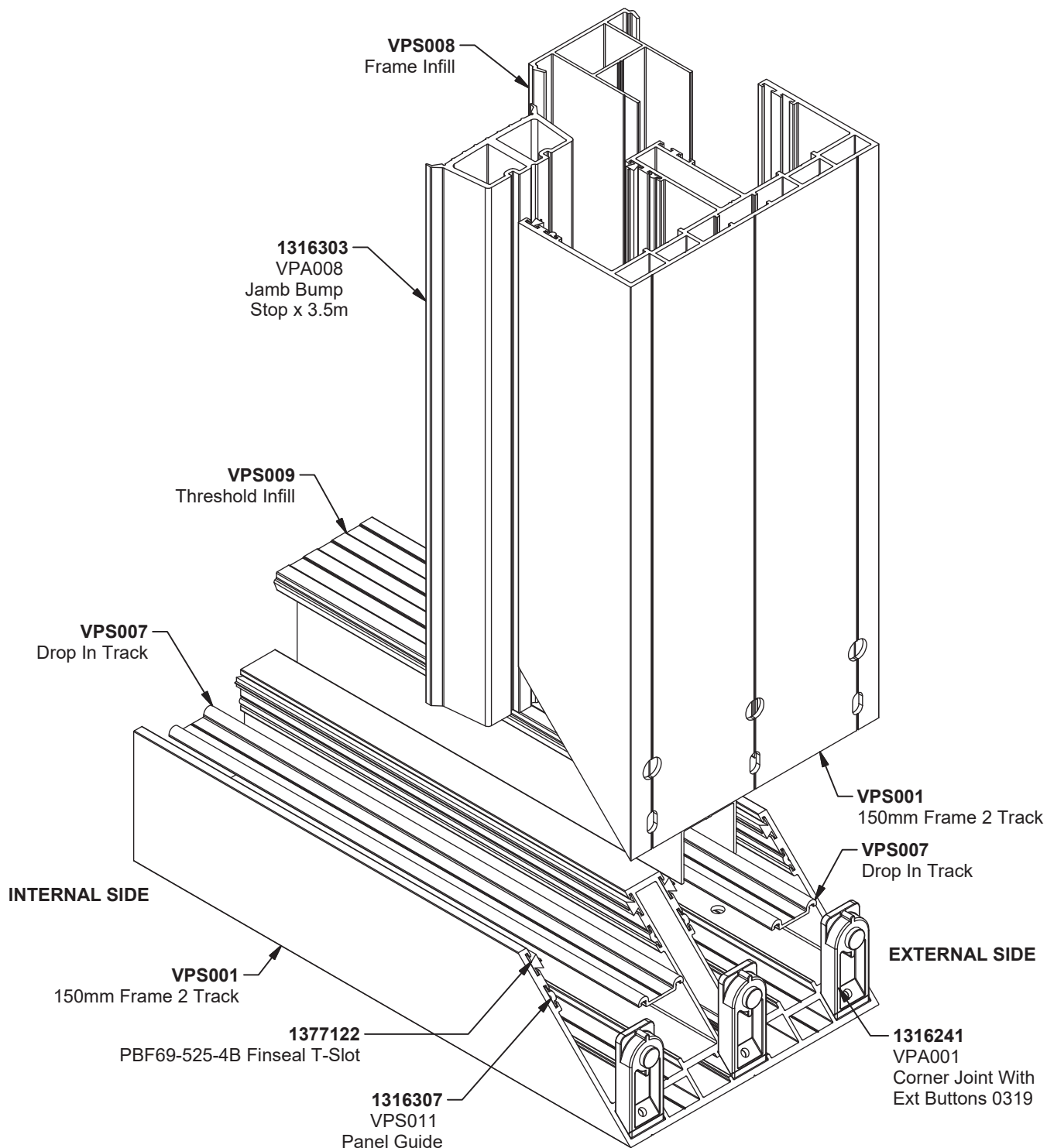


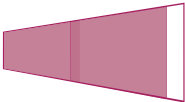
Frame 150mm 2 Track Bottom Fixed Panel Corner



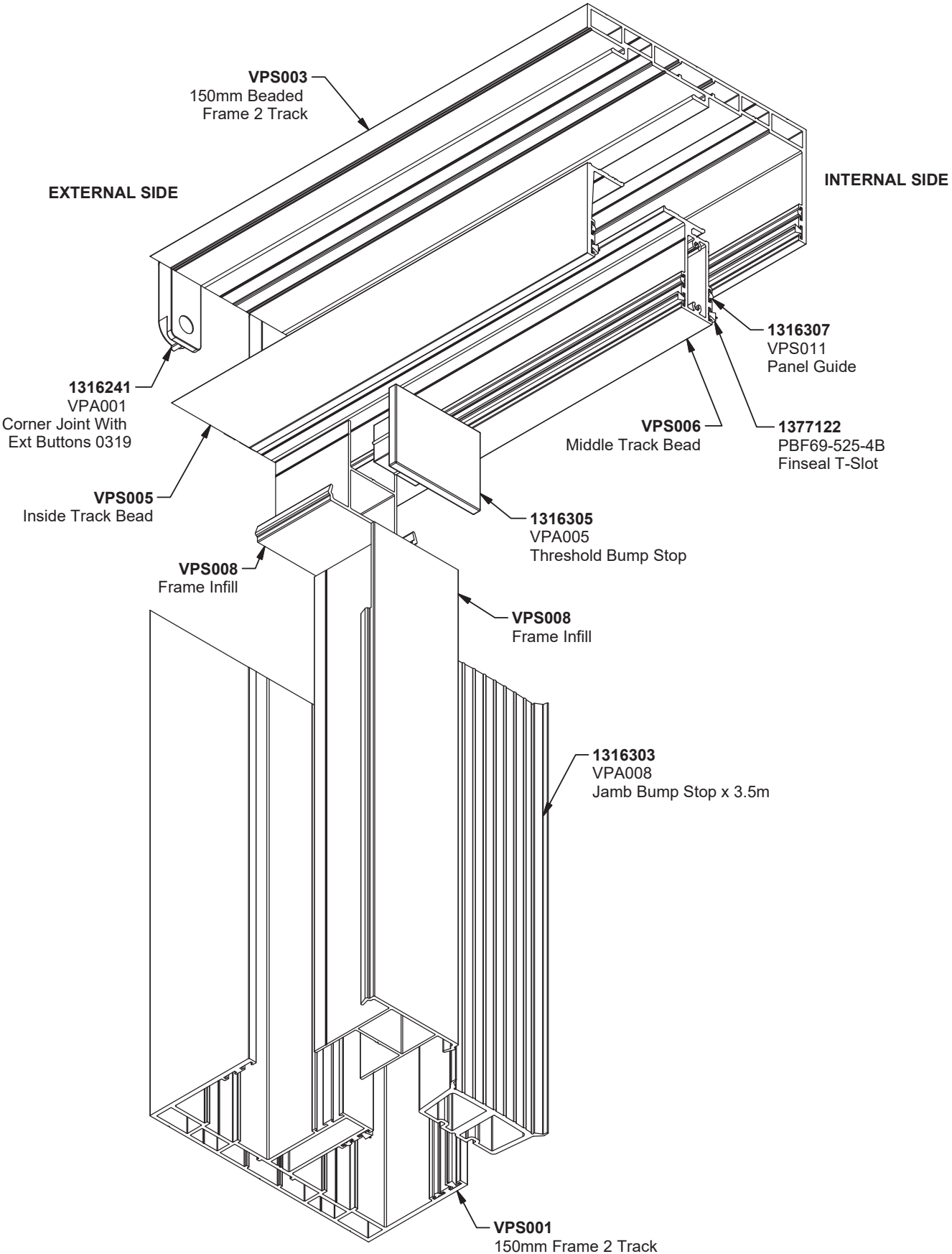
11. Assembly Details

Frame 150mm 2 Track Bottom Sliding Panel Corner



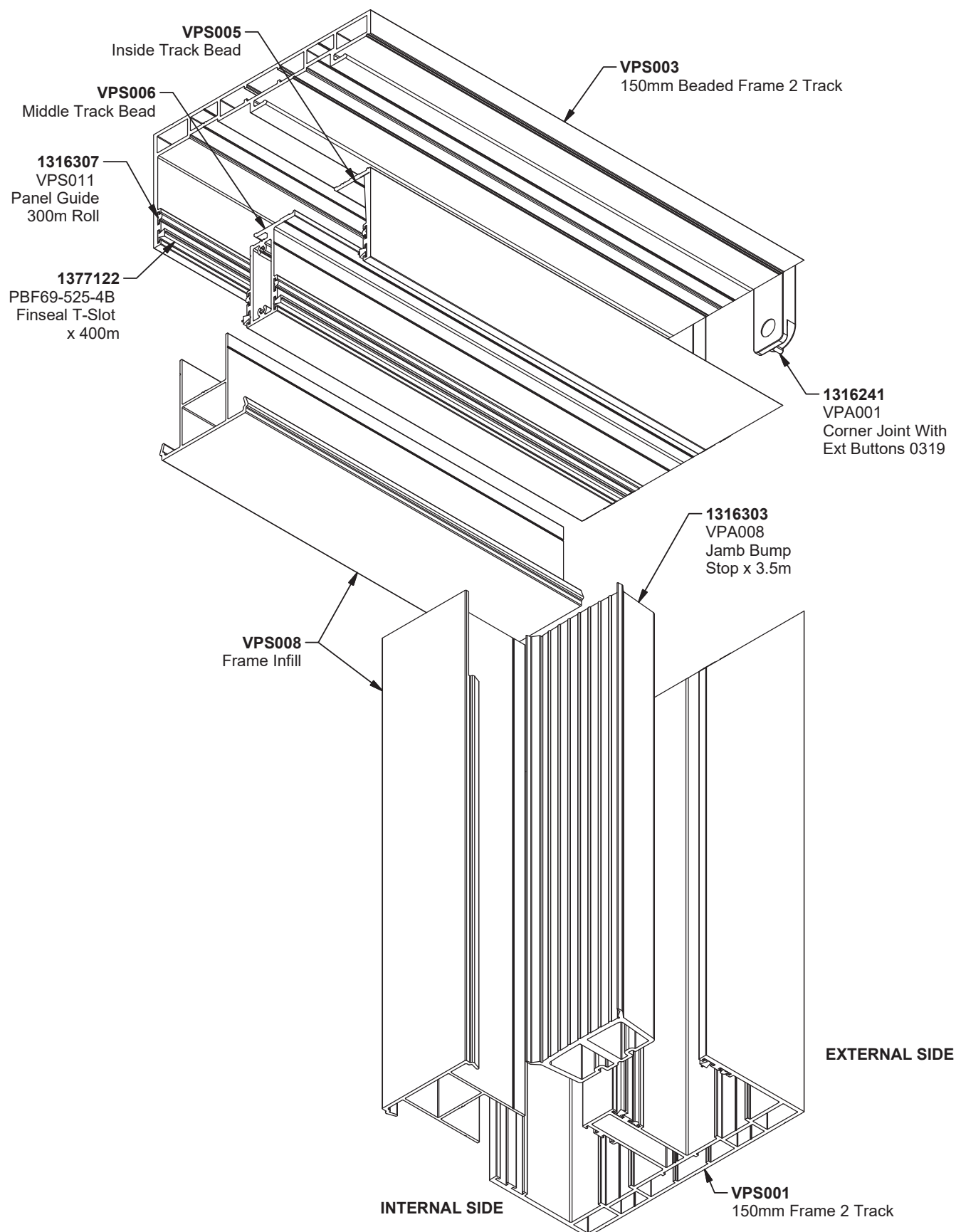


Frame 150mm 2 Track Top Fixed Panel Corner

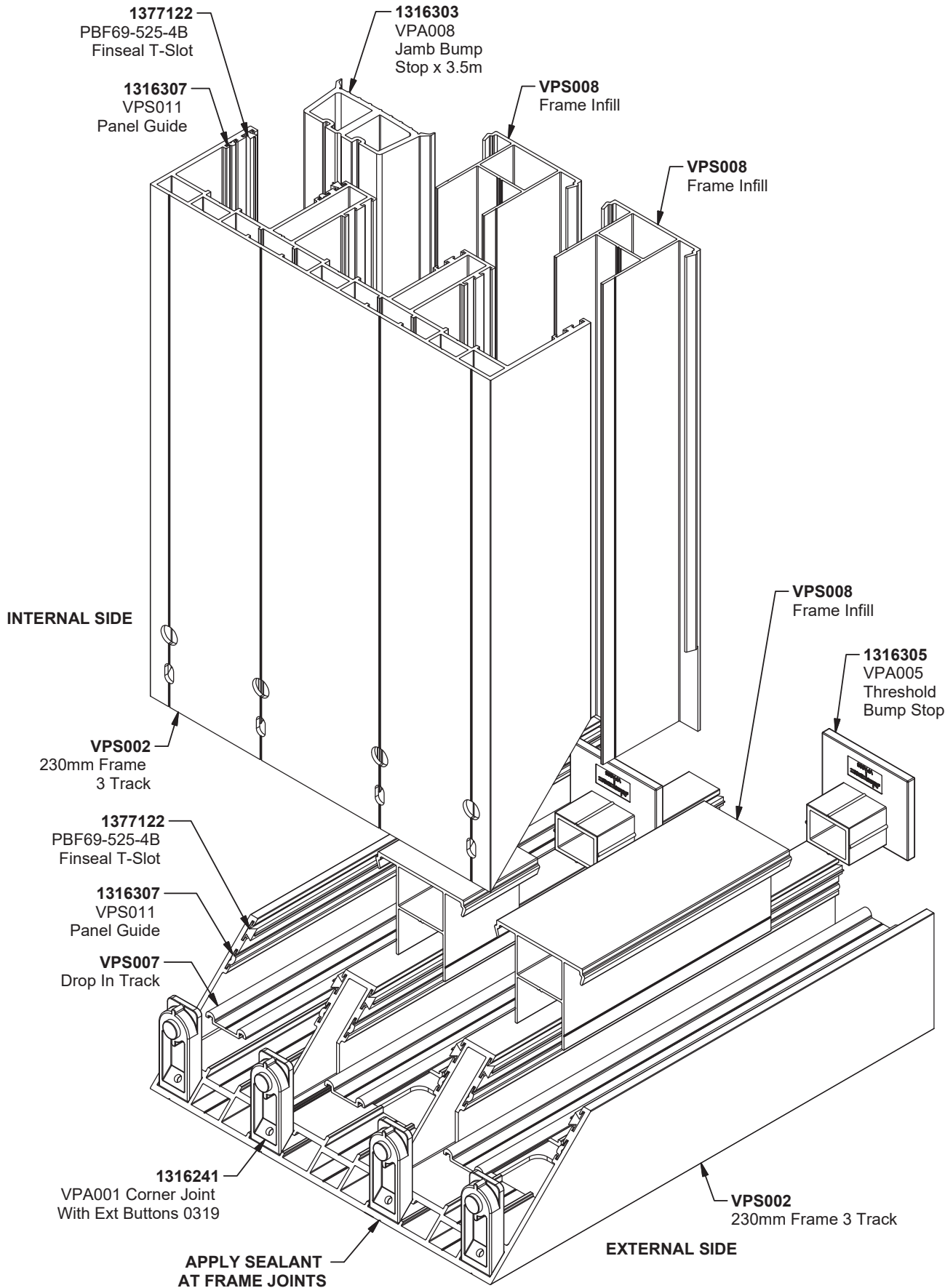


11. Assembly Details

Frame 150mm 2 Track Top Sliding Panel Corner

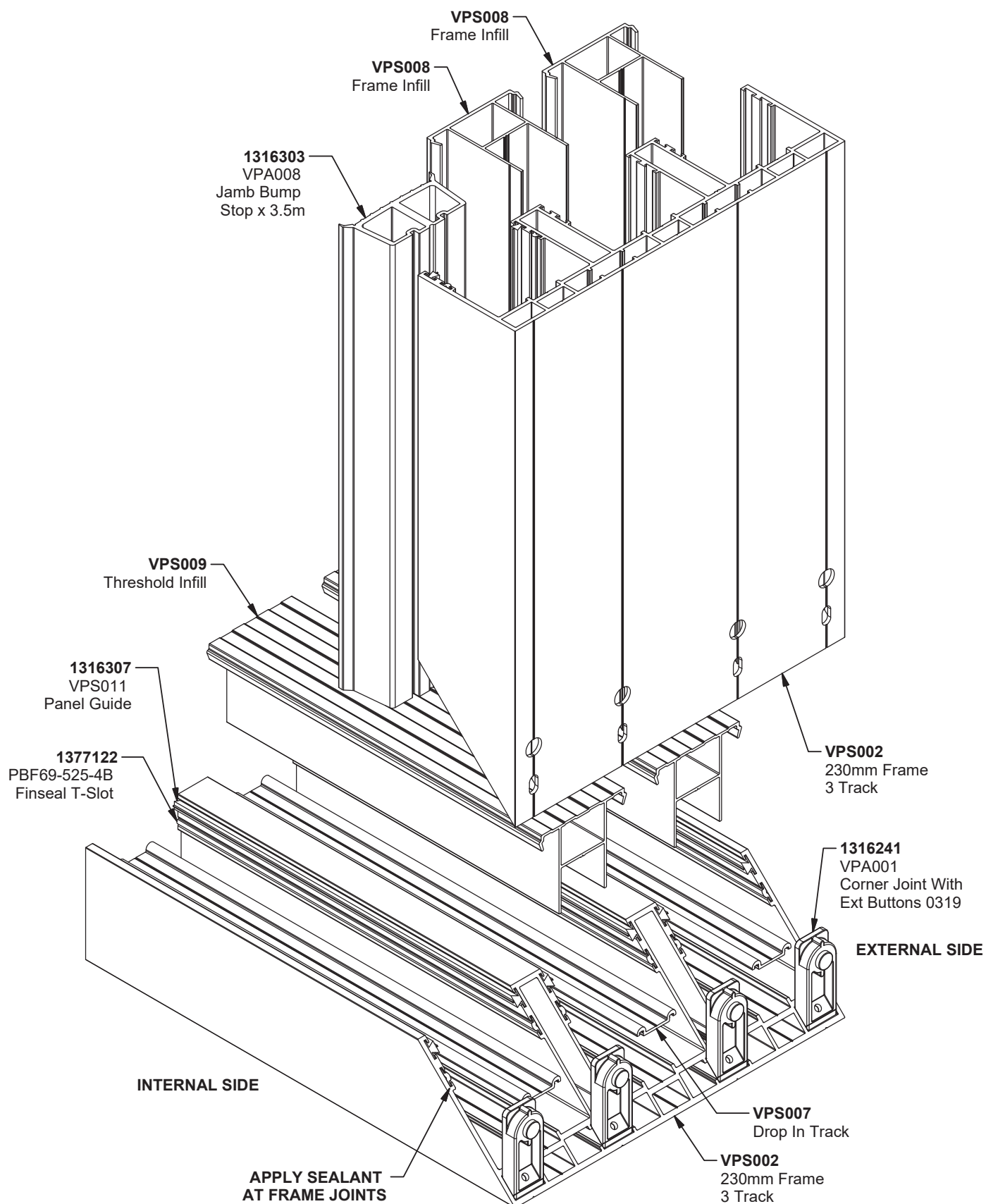


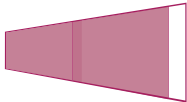
Frame 230mm 3 Track Bottom Fixed Panel Corner



11. Assembly Details

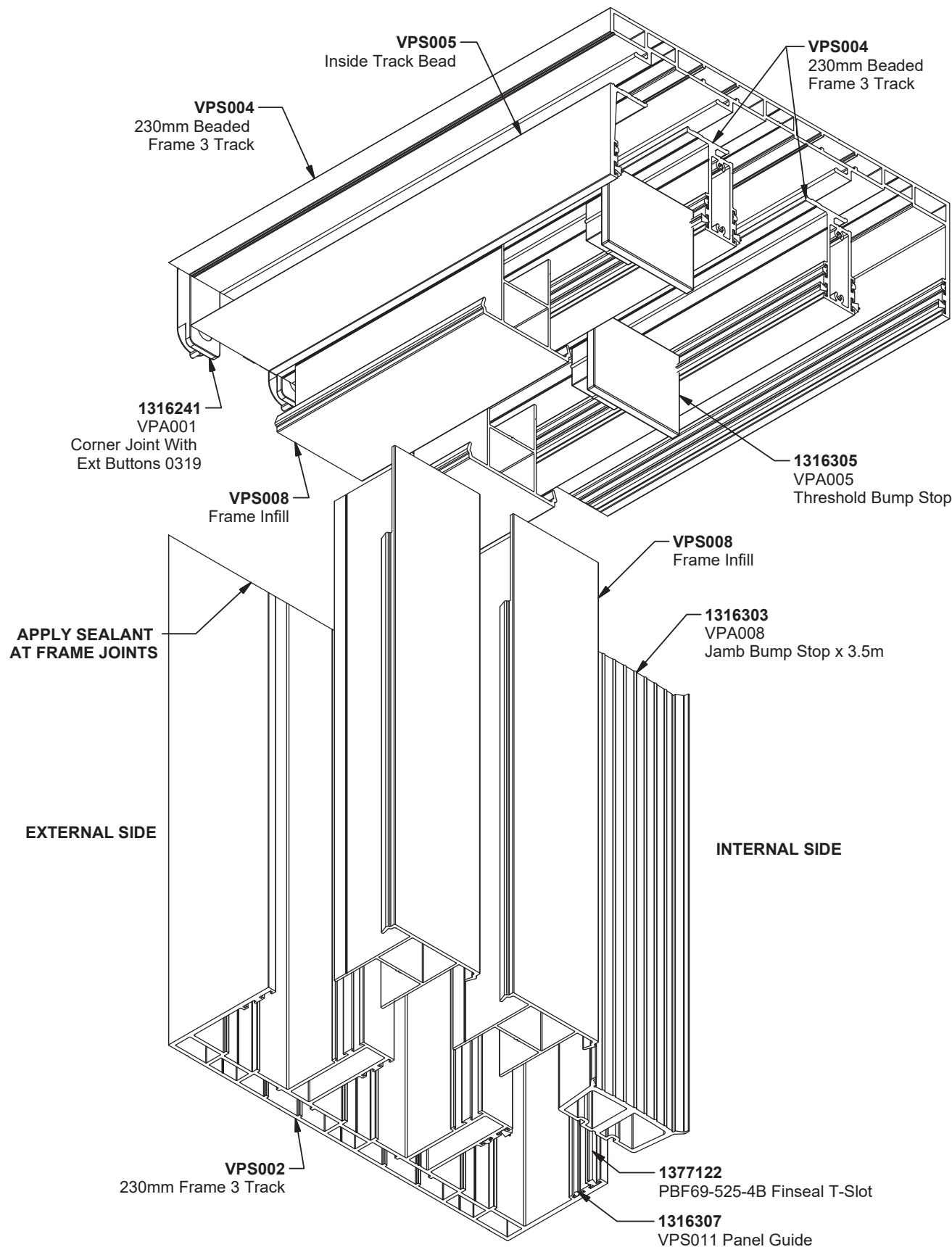
Frame 230mm 3 Track Bottom Sliding Panel Corner





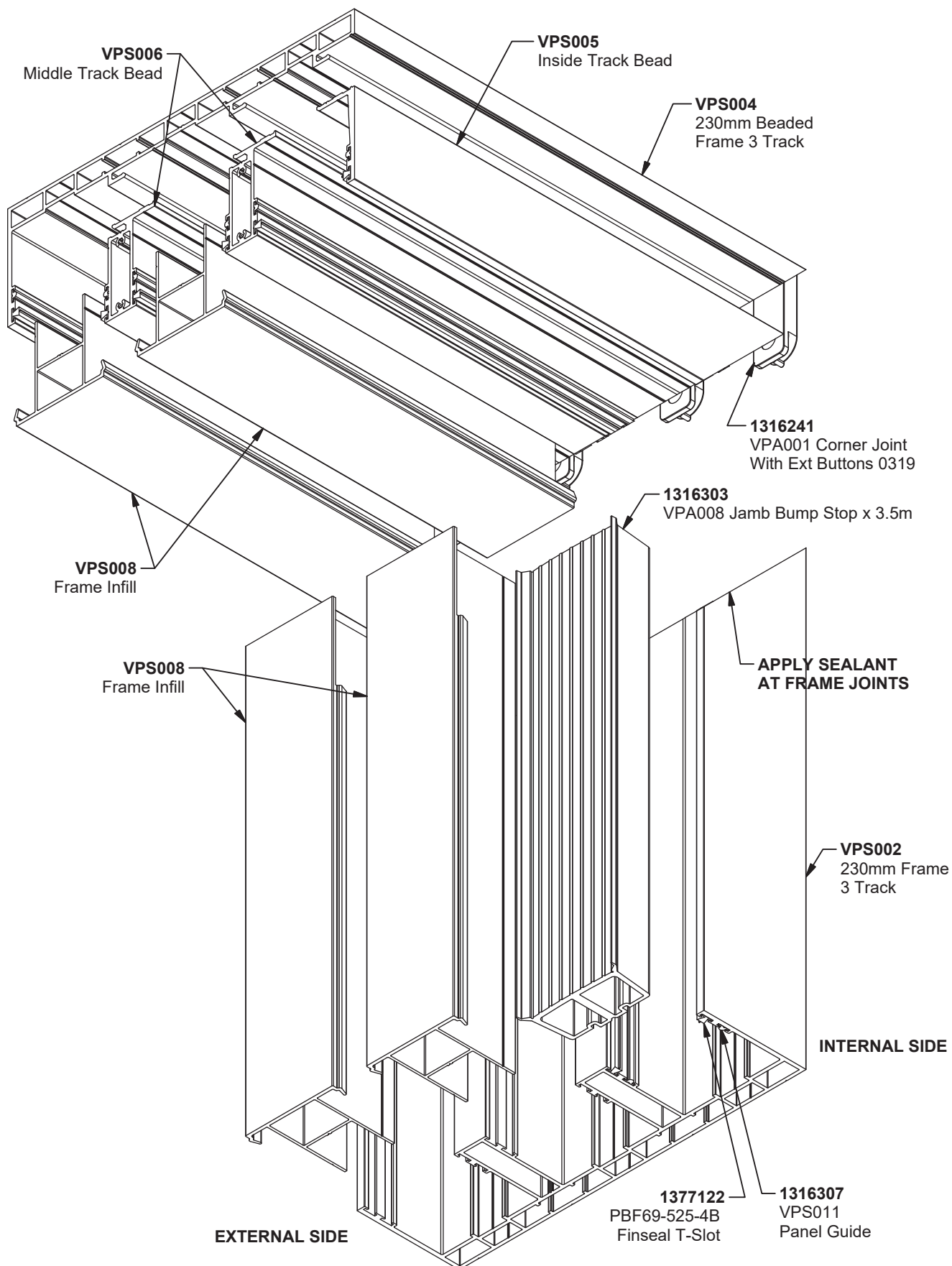
11. Assembly Details

Frame 230mm 3 Track Top Sliding Panel Corner

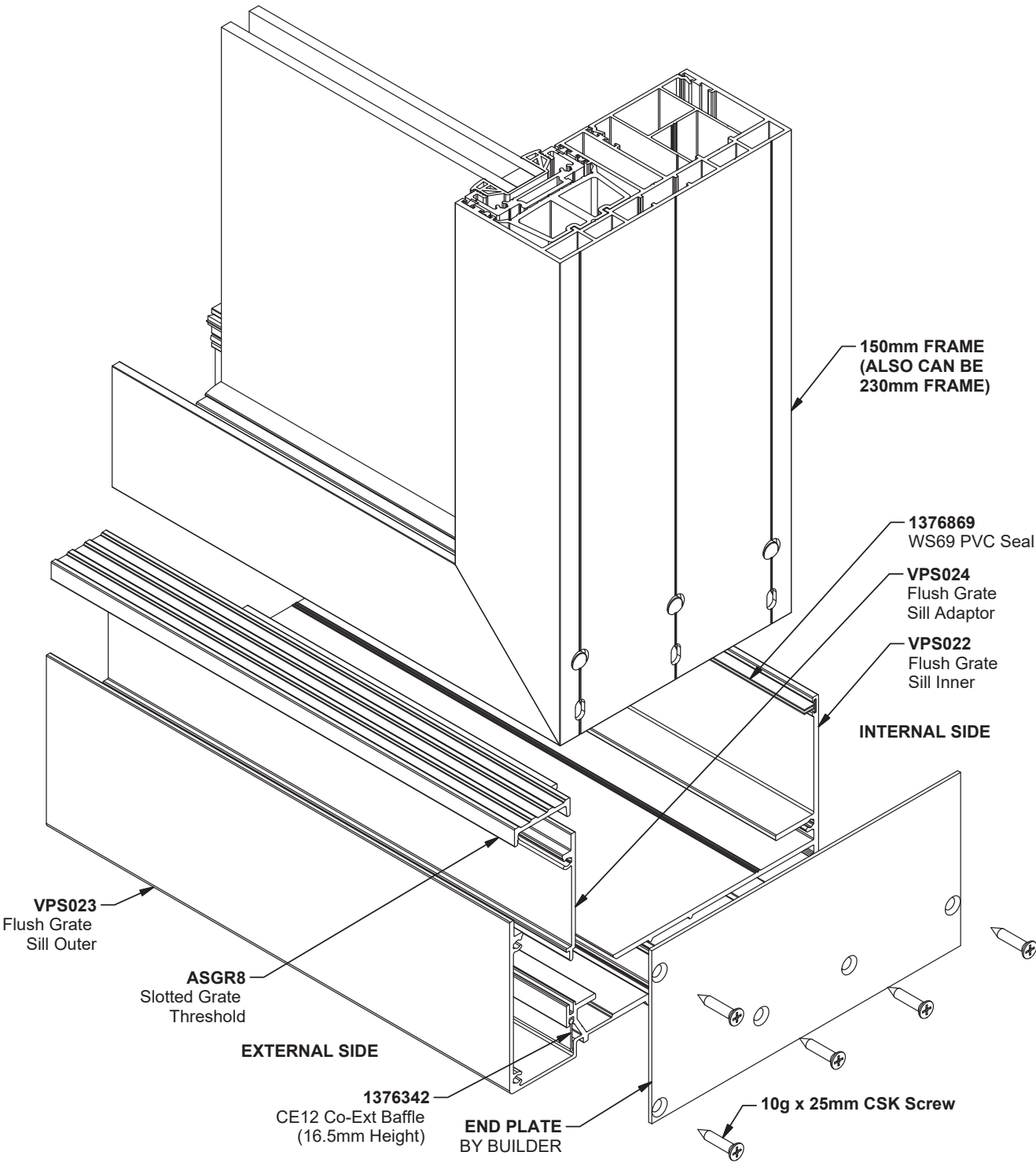


11. Assembly Details

Frame 230mm 3 Track Top Fixed Panel Corner

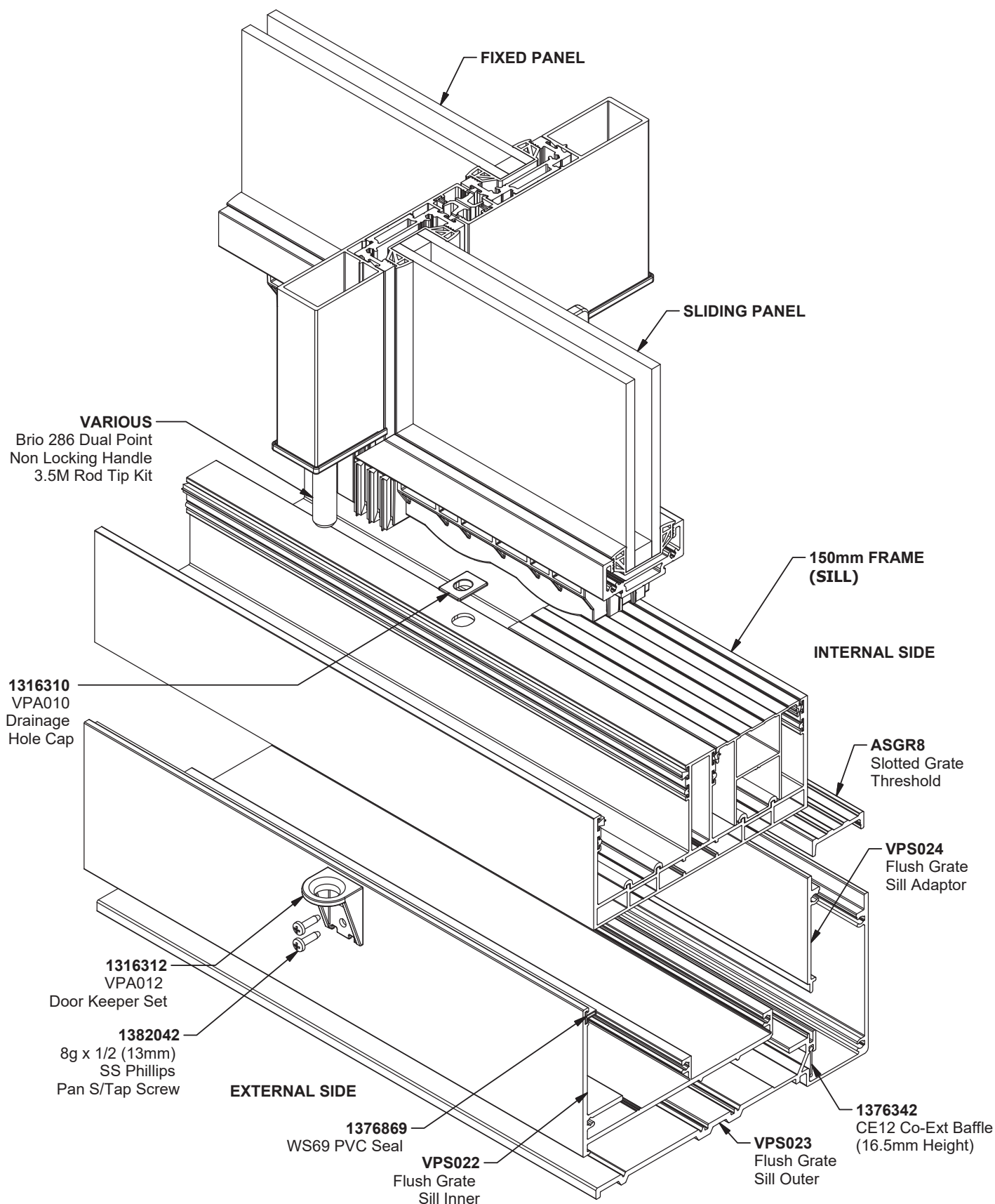


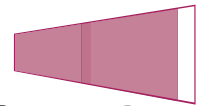
Flush Grate Adjustable Subsill, Frame Sill and Panels Bottom Corner



11. Assembly Details

Flush Grate Adjustable Subsill, Frame Sill and Interlocking Panels



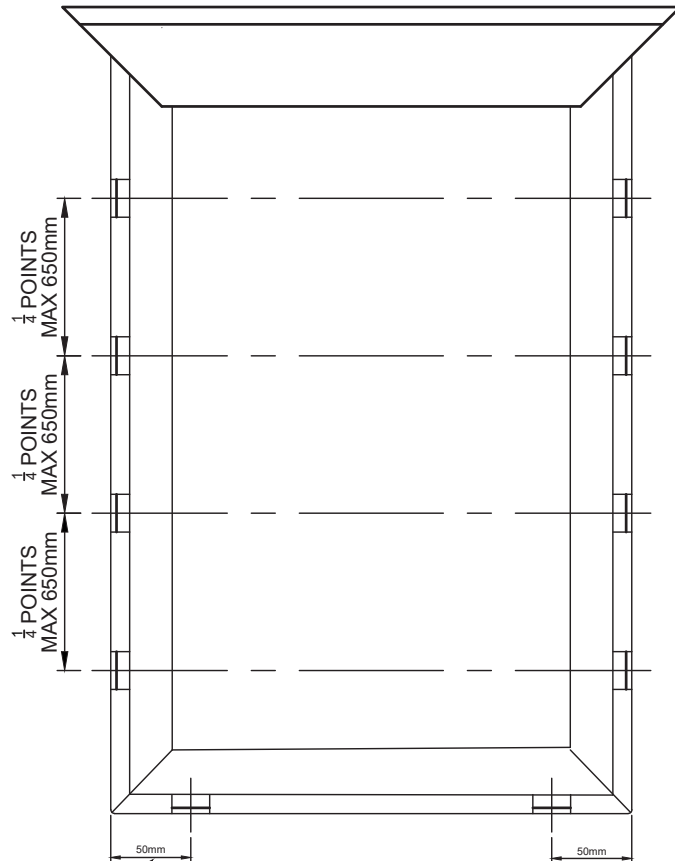
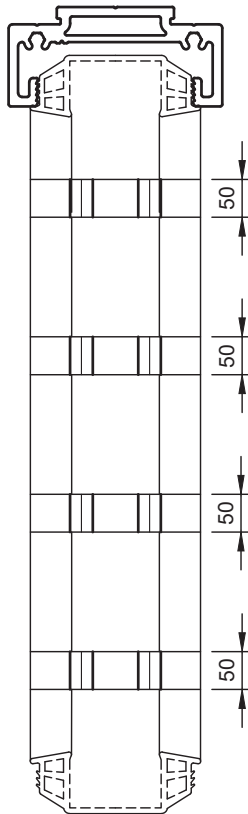
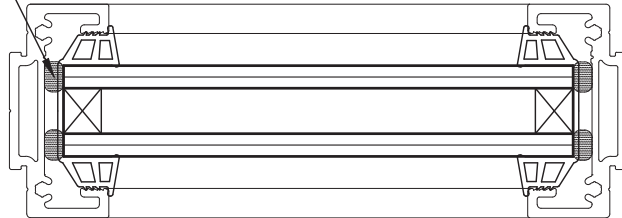


11. Assembly Details

Panel Assembly - Bonding of Handle Stile and Interlock to Glass

- A. CUT OUT 3x 50mm NOTCH OF THE BACK OF THE GLAZING RUBBER OF BOTH LOCK STILE AND INTERLOCK TO EXPOSE THE GLASS. LOCATED AT QUARTER POINTS OF THE PANEL HEIGHT
- B. APPLY STRUCTURAL SILICONE TO BACK OF GLASS BEFORE ASSEMBLY OF THE LOCK STILE AND INTERLOCK STILE

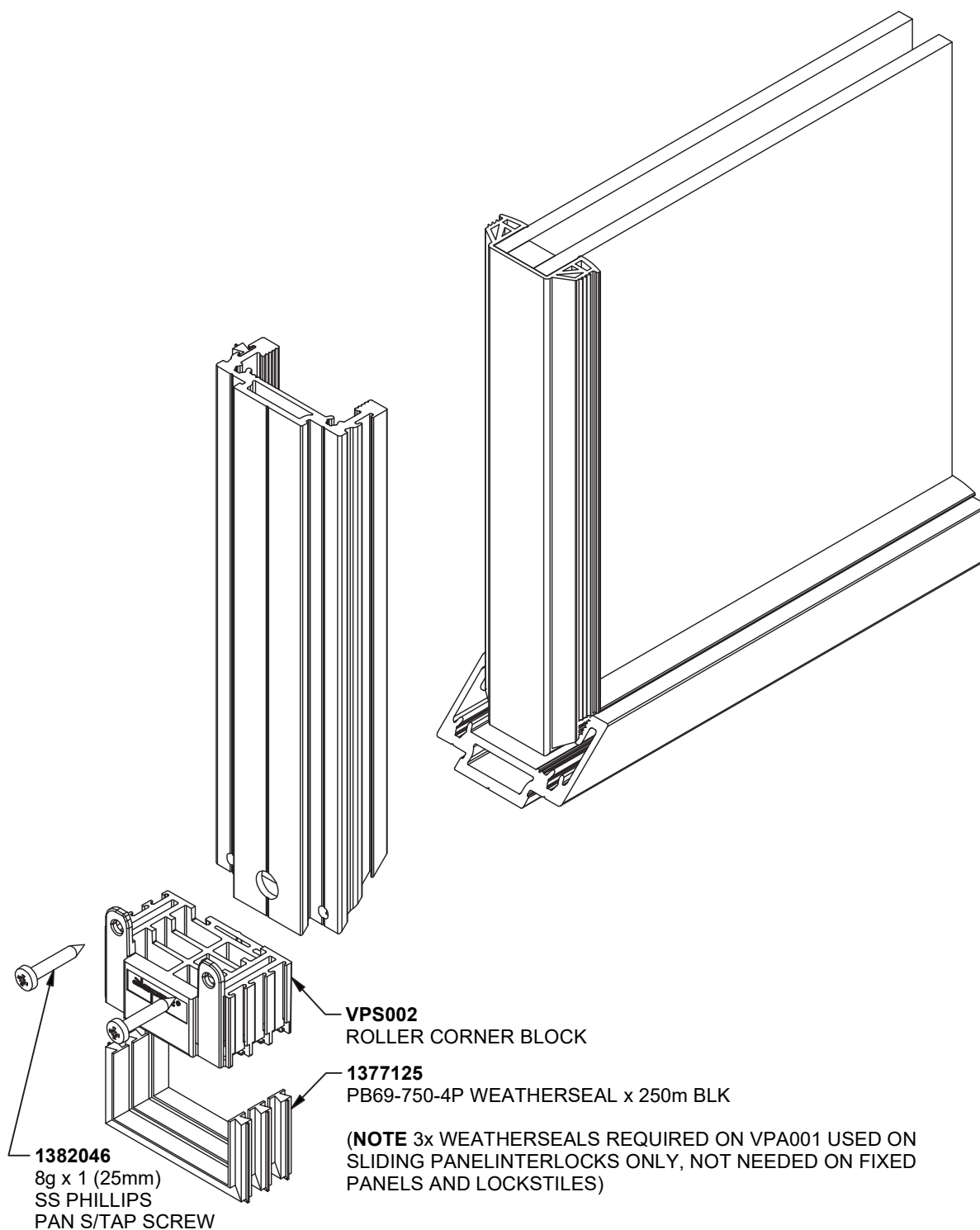
NOTE: NOT REQUIRED FOR FIXED STILES



- C. CUT OUT 2x 50mm NOTCH OF THE BACK OF THE GLAZING RUBBER OF THE BOTTOM RAIL TO EXPOSE THE GLASS, 50MM FROM EACH END AS SHOWN
- D. APPLY STRUCTURAL SILICONE TO BACK OF GLASS BEFORE ASSEMBLY OF THE BOTTOM RAIL

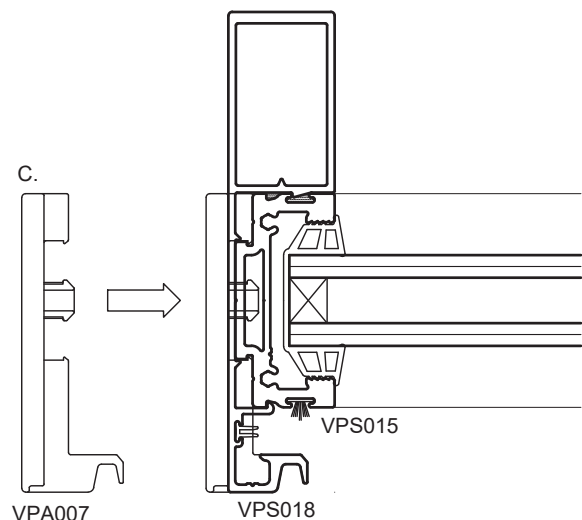
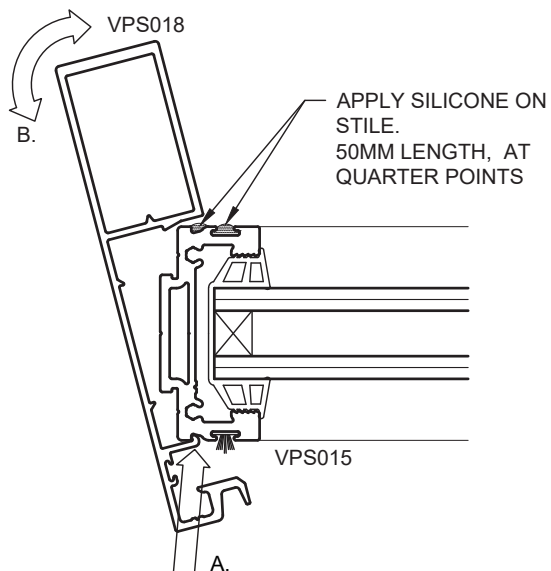
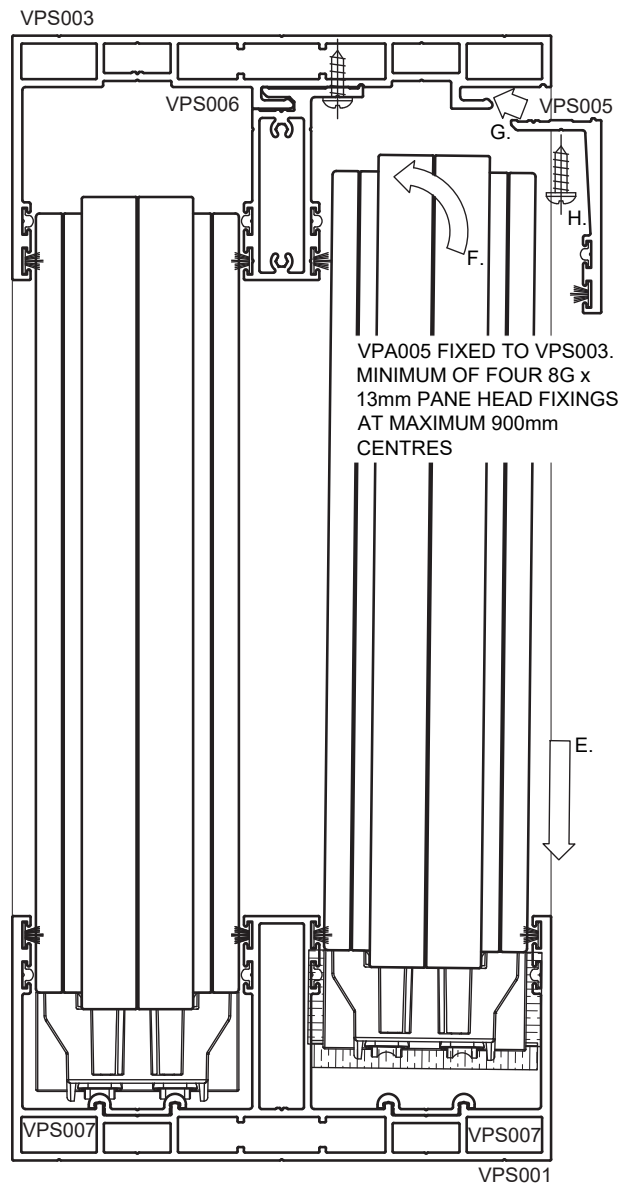
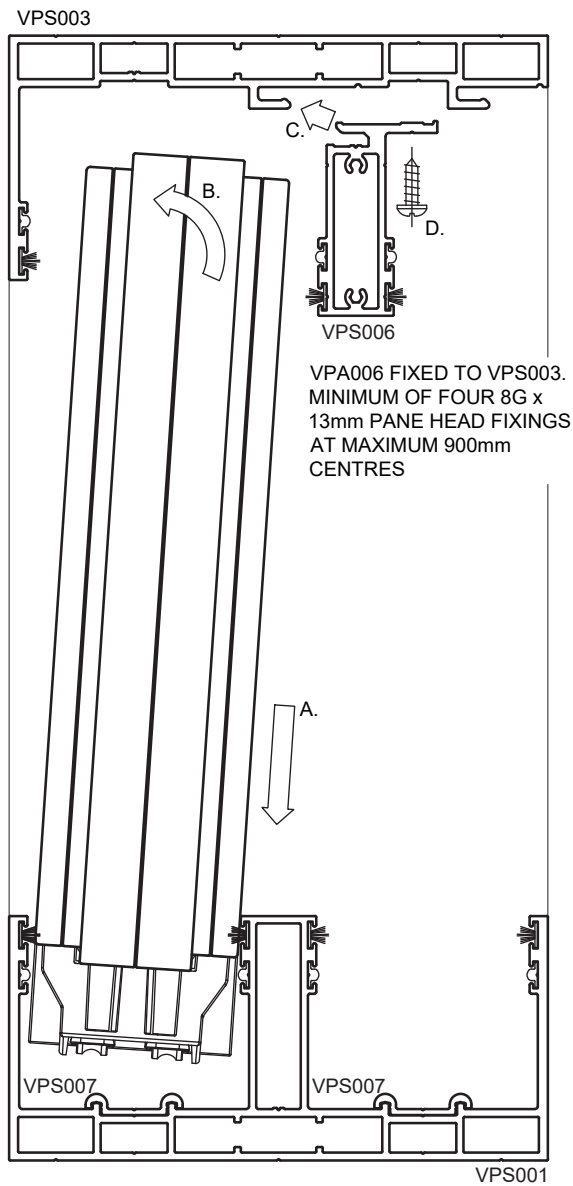
11. Assembly Details

Panel Assembly - Stiles To Rail



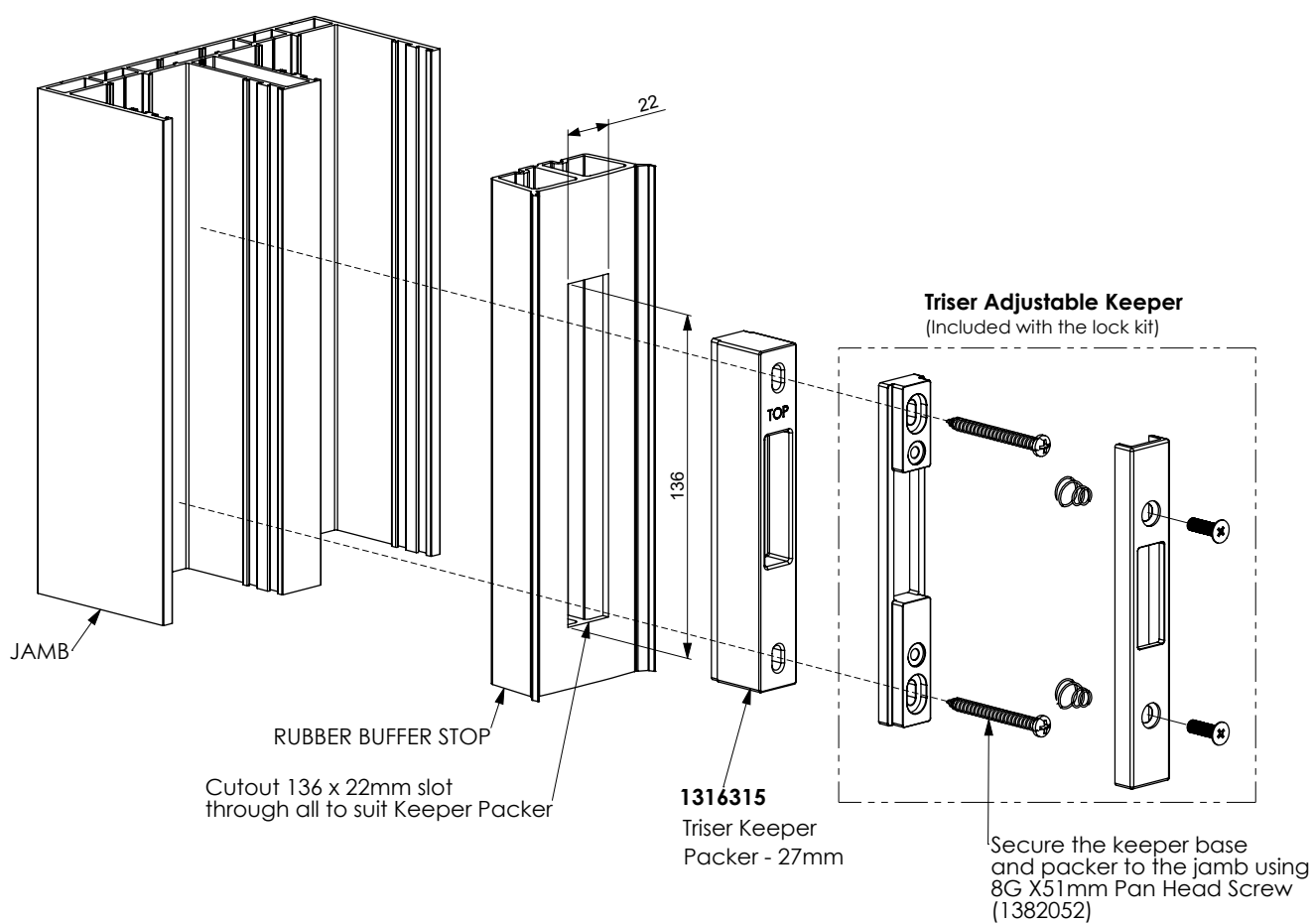
11. Assembly Details

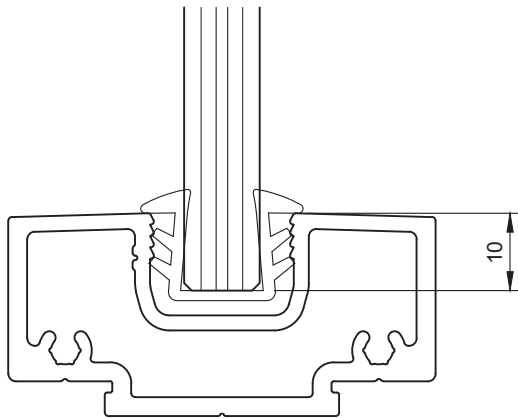
Panel Installation to Frame



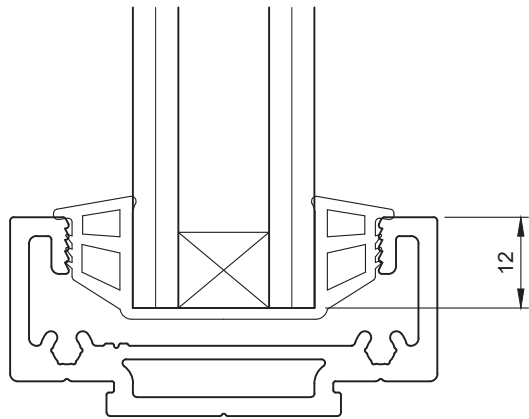
11. Assembly Details

Triser Adjustable Keeper and Packer Assembly





VPS011
SINGLE GLAZED



VPS014
DOUBLE GLAZED

GLASS THICKNESS	SINGLE GLAZED	DOUBLE GLAZED
6mm - 6.38mm	GR55	-
8mm - 8.38mm	GR76	-
9.52mm	GR56	-
10mm - 10.38mm	GR56	-
11.52mm	GR57	-
12.38mm - 12.76mm	GR68	-
13.52mm	GR58	-
24mm	-	GR82S
28mm	-	GR83S
32mm	-	GR84S

Note:

- Start and finish glazing channel in the centre of the top rail and silicone seal all corners where gasket is cut.
- Ensure silicone is compatible with IGU where applicable.

FRAMING

Your new **VistaPlus Sliding Door** frames have been manufactured using the highest quality materials available to the Architectural industry. Constructed from Architectural grade aluminium, these products are highly corrosion resistant and exceptionally strong. With a moderate amount of maintenance, the **VistaPlus Sliding Door** frame will retain it's good looks and resist the elements for years to come.

The **VistaPlus Sliding Door** frames are the product of extensive research and development and designed to resist corrosion and rusting, but as with all external elements on the building require some maintenance to keep them looking good and performing well. Depending on how harsh the environment elements are, the maintenance period will vary. Refer to recommended maintenance table below.

Your **VistaPlus Sliding Door** frames should only ever need to be washed down with a soft bristled brush using warm water and mild detergent. Rinse well with fresh water and remove any detergent residue. Strong detergents and abrasive cleaners should never be used to clean the **VistaPlus Sliding Door** frames as they may scratch or damage the surface finish.

MAINTENANCE PERIOD TABLE

ENVIRONMENT	RECOMMENDED MAXIMUM MAINTENANCE INTERVAL
Mild	Six Months
Moderate	Three Months
Tropical/Severe	One Month

Environmental Definitions:

Mild – Being rural, away from the coast and remote from industry and urban activity.

Moderate – Being mainly urban, inland and away from heavy industry.

Tropical – Being coastal/marine, subject to salt deposition and within 15km of the Eastern coast or 10km of the Western coast of Australia.

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