



carinya
RESIDENTIAL
WINDOWS AND DOORS

Carinya Classic Sliding Window

Technical Manual
August 2024 | ISSUE G

alspec[®]
EVERYTHING ALUMINIUM
& HARDWARE

COPYRIGHT

This Technical manual remains the property of Aluminium Specialties Group Pty Limited and contains privileged information which is the subject of copyright and the manual or any part thereof may not be reproduced, copied or loaned in any form without the written permission of Aluminium Specialties Group Pty Limited.

This manual is to be returned to Aluminium Specialties Group Pty Limited when requested.

DISCLAIMER

Whilst every effort has been made to ensure the technical details contained within this manual are accurate, Aluminium Specialties Group Pty Limited can take no responsibilities for any loss or damage whatsoever arising as a result of any errors contained in this manual.

Also, interpretation of standards or codes within this manual is Aluminium Specialties Group Pty Limited interpretation for such codes. Responsibility for code compliance remains with the user of this manual. In some cases product dimensions may vary or be changed without notice. The user of this manual should not act or rely upon on any information contained in this manual without first obtaining appropriate professional advice relating to their particular circumstances.

Aluminium Specialties Group Pty Limited disclaims all liability for loss or damage suffered by any party who acts or fails to act in reliance of this manual.

Contents

1. TECHNICAL MANUAL RELEASE NOTES	1.1
2. TECHNICAL SPECIFICATIONS	2.1
3. LOADING TABLES	3.1
Window Rating for Housing	3.1
Loading Table Guide	3.2
RSW110 + RSW107 Interlock / RSW108 + RSW107 Interlock	3.3
RSW115 + RSW107 Interlock	3.4
RSW116 + RSW117 Interlock / RSW116 + RSW118 Meeting Stiles	3.5
RSW132 Fixed Lite Mullion / RSW133 + RSW36 Fixed Lite Mullion	3.6
RSW133 + RSW37 Fixed Lite Mullion	3.7
RSW111 or RSW123 Transom	3.8
RSW112 & RSW124 or RSW136 & RSW141 Transom	3.9
RSW113 & RSW125 or RSW113 & RSW125 Transom	3.10
RSW207 + RSW210 / RSW207 + RSW208 INTERLOCK	3.11
RSW207 + RSW215 INTERLOCK	3.12
4. TEST SUMMARY	4.1
AS2047 - XO/O Sliding Window	4.1
AS2047 - XO Sliding Window	4.2
AS2047 - XO/O Sliding Window	4.3
AS2047 - O/XO Sliding Window	4.4
AS2047 - XO Sliding Window with DG Adaptor (RSW120B)	4.5
AS2047 - XO Sliding Window	4.6
AS2047 - XO Sliding Window with CBCH-1 Buildout Invisi-Maxx Screen	4.8
AS2047 - XO/OO Sliding Window	4.9
Acoustic - AS/NZS ISO 717.1	4.10
BAL40 - AS 1530.8.1-2007	4.10
Cyclonic Impact - AS/NZS 2047 & 1170.2, SECTION 2.5.7 & 5.3.2	4.10
5. EXTRUSIONS	5.1
6. HARDWARE & COMPONENTS	6.1
Glazing Channels	6.1
Glazing Wedges	6.1
Seals	6.2
Fasteners	6.2
Frame Joint Gaskets	6.3
Accessories	6.3
Silicone	6.6
Silicone Product Codes	6.7

7. TYPICAL ELEVATION	7.1
8. TYPICAL DETAILS	8.1
Vertical Detail - 50mm Frame - Standard Sill (150Pa - 200Pa)	8.1
Vertical Detail - 50mm Frame D/ Glazed - Standard Sill (150Pa - 200Pa)	8.2
Vertical Detail - 50mm Dedicated Frame D/ Glazed - Standard Sill (150Pa - 200Pa)	8.3
Vertical Detail - 50mm Frame - Medium Sill (300Pa)	8.4
Vertical Detail - 50mm Frame - One Piece High Sill (450Pa)	8.5
Horizontal Detail - 50mm Frame - XO Slider	8.6
Horizontal Detail - 50mm Dedicated Double Glazed Frame - XO Slider	8.8
Horizontal Detail - 50mm Frame - Double Glazed XO Slider	8.9
Horizontal Detail - 50mm Frame - OXXO Slider	8.11
Horizontal Detail - 50mm Frame - XOX Slider (Equal Glass 1/3)	8.13
Horizontal Detail - 50mm Frame - XOX Slider (1/4 - 1/2 - 1/4)	8.15
Horizontal Detail - 50mm Frame - OOX Slider (Equal Glass 1/3)	8.16
Horizontal Detail - 50mm Frame - OXO Slider (Equal Glass 1/3)	8.17
Vertical Detail - Slider/ Sash Glazed Low Lite - Internal Transom	8.19
Vertical Detail - Slider/ Direct Glazed Low Lite - Internal Transom	8.20
Vertical Detail - Slider/ Direct Glazed Low Lite - External Transom	8.21
Vertical Detail - Sash Glazed Hi Lite	8.22
Vertical Detail - Direct Glazed Hi Lite	8.23
Horizontal Detail - Sash Glazed Low/ Hi Lite	8.24
Horizontal Detail - Sash Glazed Low/ Hi Lite (Double Glazed)	8.25
Horizontal Detail - Dedicated Double Glazed Sash Glazed Low/ Hi Lite	8.26
Horizontal Detail - Sash Glazed Low/Hi Lite - Standard/Medium Mullion	8.27
Horizontal Detail - Direct Glazed Low/Hi Lite	8.28
Horizontal Detail - Direct Glazed Low/Hi Lite - Standard/ Medium Mullion	8.29
Vertical Detail - Direct Glazed Fixed Lite	8.30
Vertical Detail - Fly Screen Details - Standard Sill (RSW101)	8.31
Vertical Detail - Fly Screen - Medium Sill (RSW114)	8.32
Vertical Detail - Fly Screen - High Sill (RSW143)	8.33
Vertical Detail - Fly Screen - Double Glazed Sash	8.34
Vertical Detail - Invisi-Gard Screen - Standard Sill	8.35
Vertical Detail - Escape Screen - Medium Sill	8.36
Vertical Detail - Invisi-Gard Screen - High Sill	8.37
Horizontal Detail - Invisi-Gard Screen	8.38
Vertical Detail - Invisi-Gard Screen - Double Glazed	8.39
Horizontal Detail - Invisi-Gard Screen - Double Glazed	8.40
Vertical Detail - 92mm Frame - Standard Sill (150Pa - 200Pa)	8.41
Horizontal Detail - 92mm Frame - XO Slider	8.42

Horizontal Detail - 92mm Frame - OXXO Slider	8.46
Horizontal Detail - 92mm Frame - XOX Slider (Equal Glass 1/3)	8.47
Horizontal Detail - 92mm Frame - XOX Slider (1/4 - 1/2 - 1/4)	8.48
Vertical Detail - 92mm Frame - Direct Glazed Optional Low Lite	8.49
Vertical Detail - 92mm Frame - Sash Glazed Hi Lite - Int Transom	8.50
Vertical Detail - 92mm Frame - Standard Sill & Sub Sill	8.51
Horizontal Detail - 92mm Frame - Sub Jamb	8.52
Vertical Detail - 50mm Frame - Standard Sill & Sub Sill	8.53
Vertical Detail - Face Fix Slider - Standard Sill (150Pa - 200Pa)	8.54
Horizontal Detail - XO Face Fix Slider	8.55
Vertical Detail - 50mm Frame - RAW22 Mid Rail / Permanent Vent Option	8.56
External Trims & Accessory Application	8.57
Horizontal Detail - RSWA23 & RSWA33 Assembly Detail	8.58
Sill/ Transom Water Performance	8.59
Carinya SW Brick Veneer Installation	8.60
Carinya SW Brick Steel Construction Detail	8.61

9. CUTTING FORMULAS 9.1

XO - Standard Sill (150Pa - 200Pa)	9.1
XO - Standard Sill (150Pa - 200Pa) with DG Adaptor	9.2
XO - Medium Sill (300Pa)	9.3
XO - Medium Sill (300Pa) with DG Adaptor	9.4
XO - High Sill (450 Pa)	9.5
XO - High Sill (450 Pa) with DG Adaptor	9.6
XOX (Equal Glass 1/3) - Standard Sill (150Pa - 200Pa)	9.7
XOX (Equal Glass 1/3) - Standard Sill (150Pa - 200Pa) with DG Adaptor	9.8
XOX (1/4 - 1/2 - 1/4) - Standard Sill (150Pa - 200Pa)	9.9
XOX (1/4 - 1/2 - 1/4) - Standard Sill (150Pa - 200Pa) with DG Adaptor	9.10
XOX (1/4 - 1/2 - 1/4) - Medium Sill (300Pa)	9.11
XOX (1/4 - 1/2 - 1/4) - High Sill (450Pa)	9.12
OXXO - Standard Sill (150Pa - 200Pa)	9.13
OXXO - Medium Sill (300Pa)	9.14
OXXO - High Sill (450Pa)	9.15
XO/O Sash Glazed Low Lite	9.16
XO/OO Sash Glazed Low Lite	9.17
XO/O Direct Glazed Low Lite	9.18
XO/OO Direct Glazed Low Lite	9.19
XOX/OO Sash Glazed Low Lite	9.20
XOX/OO Direct Glazed Low Lite	9.21
OXXO/OOOO Sash Glazed Low Lite	9.22

92mm Frame - XO - Standard Sill (150Pa - 200Pa)	9.23
92mm Frame - XO - Standard Sill (150Pa - 200Pa) with DG Adaptor	9.24
92mm Frame - XOX (Equal 1/3) - Standard Sill (150Pa - 200Pa)	9.25
92mm Frame - OXXO - Standard Sill (150Pa - 200Pa)	9.26
Face Fit - XO - Standard Sill (150Pa - 200Pa)	9.27
Face Fit - XO - Standard Sill (150Pa - 200Pa) with DG Adaptor	9.28
Face Fit - XOX (Equal Glass 1/3) - Standard Sill (150Pa - 200Pa)	9.29
Face Fit - OXXO - Standard Sill (150Pa - 200Pa)	9.30

10. MANUFACTURING DETAILS 10.1

Jamb Preparation - Standard Sill & Head	10.1
Jamb Preparation - Medium Sill & Head	10.2
Jamb Preparation - High Sill & Head	10.3
Jamb Preparation - Transom	10.4
Interlock Preparation	10.5
Low Lite Mullion Preparation (Sash Glazed)	10.7
Low Lite Mullion Preparation (Direct Glazed)	10.8
Sash Stile Preparation	10.9
OXXO Meeting Stile Preparation	10.10
Standard Sill Drainage Preparation	10.11
Medium Sill Drainage Preparation	10.12
High Sill Drainage Preparation	10.13
Direct Glaze Low Lite Sill Drainage Preparation	10.14
Sump Sill Drainage Preparation	10.15
Double Glaze Adapter RSW120B Preparation	10.16
Internal Drainage Preparation - Sash/ Sash (300Pa)	10.17
Internal Transom Drainage Preparation - Sash/ Direct (450Pa)	10.18
External Transom Drainage Preparation - (300Pa)	10.19
92mm Jamb Preparation - Standard Sill (200 Pa)	10.20
92mm Jamb Preparation - Transom	10.21
92mm Frame Standard Sill Drainage Preparation	10.22
92mm Frame Medium Sill Drainage Preparation	10.23
Jamb Preparation - Face Fix Standard Sill	10.24
Jamb Preparation - Face Fix High Sill	10.25
Jamb Preparation - Face Fix Transom	10.26
Face Fix Standard Drainage Preparation	10.27
Sliding Interlock Preparation	10.28
Sliding Interlock Vent Lock Preparation	10.29
Double Glazed Sash Stile Preparation	10.30
Double Glazed Interlock Preparation	10.31

11. ASSEMBLY DETAILS	11.1
Frame Joint Gasket Assembly Detail	11.1
Sill Cover Assembly	11.2
Sill and Head Assembly Details	11.3
Fixed Sash Assembly Details	11.4
Sliding Sash Assembly Details	11.5
Double Glazed Fixed Sash Details	11.6
Double Glazed Sliding Sash Details	11.7
OXXO Meeting Stile Assembly	11.8
Wheel Adjustment - VMA3 Roller	11.9
VMA2 or VMA29 Vent Lock Assembly Details	11.10
92mm Frame Sill, Transom and Head Assembly Details	11.11
RSWA31 & RSWA32 End Cap Detail	11.12
12. GLAZING DETAILS	12.1
Glazing Details - Single Glazed Sash	12.1
Glazing Details - Double Glazed Sash	12.2
Glazing Details - Single Glazed Fixed Lite	12.3
13. CARE & MAINTENANCE	13.1

1. Technical Manual Release Notes

This page is intended to record all changes to the **CARINYA CLASSIC SLIDING WINDOW** technical manual pages.

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

ISSUE	DATE	AMENDMENT DESCRIPTION	REFER TO CARINYA SALES BULLETIN#
A	02/2011	Technical Manual Product Release	N/A
B	01/2013	OOX configuration added, New extrusions and hardware added	#27, #28, #30, #63, #66
C	03/2020	Technical Manual update and re-release	#107
D	01/2021	Added RSW928 92mm High Sill to Extrusions on p 5.18	#109
E	08/2022	- RSW127 Direct Glazing added on pg 5.12 & 8.22 - DG Sashes added on pg 5.9-10, 8.3, 8.10-12, 8.14 8.28, 8.44, 9.1-5, 9.18, 9.21 & 10.31-36 - RSW142 removed from tech manual - Ventlock hardware & extrusion to suit (RSW145) added to pg 5.8, 8.8, 8.16, 8.20, 8.42 & 10.29-30 - RSW927 & RAW47 added pg 5.21 - OT22-128, OT22-132 and OT22-133 added to page 4.9 - 4.11	
F	09/2023	- RSW152 & AF225 added to tech manual on pg 5.13, 5.15 & 8.55	#556
G	07/2024	-RSW204, RSW206, RSW207, RSW208, RSW210, RSW215, RSW216, RSW217, RSW218, RSW231 DG sashes added to Loading Tables, Test Summary, Extrusions, Typical Details, Cutting Formulas and Manufaturing Details	#588

2. Technical Specifications

ALUMINIUM

Aluminium frames should be manufactured using Alspec's **CARINYA CLASSIC SLIDING WINDOW** framing system.

The maximum sash height shall be 1500mm

The maximum sash width shall be 1200mm

The maximum panel weight shall be 50kg

HARDWARE

The hardware shall be Alspec's specific locks, components, glazing wedges, channels and seals for **CARINYA CLASSIC SLIDING WINDOW**.

- Refer to pages 6.1 - 6.6.

FINISHED

- All powder coated material shall be produced to AS3715

- All anodized material shall be produced to AS1231

TESTING

Product shall have a test report to show compliance to the following:

- AS2047

- Acoustic AS/NZS ISO 717.1

- BAL40 1530.8.1 - 2007

- Cyclonic Impact AS/ NZS 2047 & 1170.2, Section 2.5.7 & 5.3.2

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).

Fabricators of the CARINYA CLASSIC SLIDING WINDOW 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

Window Rating for Housing

WINDOW RATINGS	SERVICEABILITY (PA)		ULTIMATE LIMIT (PA)		WATER RESISTANCE	
	GENERAL	CORNER	GENERAL	CORNER	NON EXPOSED	EXPOSED
N1	400	600	600	900	150	200
N2	400	600	900	1300	150	200
N3	600	800	1400	2000	150	300
N4	800	1200	2000	3000	200	300
N5	1200	1800	3000	4500	300	450
N6	1600	2500	4000	6000	450	600
C1	600	800	1800	2700	150	300
C2	800	1200	2700	4000	200	300
C3	1200	1800	4000	5900	300	450
C4	1600	2500	5300	8000	450	600

Pressure table referenced from AS2047 - 2014 Table 2.1, 2.4 & 2.5

Corner Window & Doors are defined as having 25% or more of any panel or pane within 1200mm of an external corner of the building.

This table relates to Housing as defined in AS4055. The wind load requirements for residential and commercial buildings may be different and are determined by the building designer.

NOTE: It is the responsibility of the purchaser that nominates the window ratings required for the window and door assemblies.

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)					
		S	U	S	U	S	U
	2850	1040	840	720	630	570	
		2410	1960	1660	1460	1310	
	2700	1230	1000	850	750	680	
		2700	2190	1870	1640	1480	
	2550	1460	1200	1020	910	830	
		3040	2470	2210	1860	1690	
	2400	1770	1450	1250	1080	1010	
		3440	2810	2410	2000	1940	
	2250	2160	1780	1530	1370	1270	
		3940	3230	2780	2470	2270	
	2100	2670	2210	1920	1730	1610	
		4550	3750	3240	2900	2680	
lxx = xxx x xxx mm4	Panel Width	800	1000	1200	1400	1600	

STEP 1

STEP 2

STEP 3

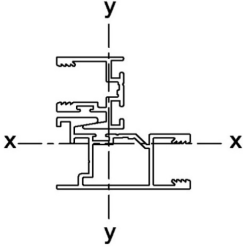
3. Loading Tables

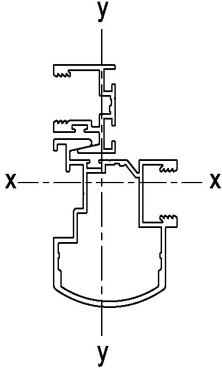
RSW110 + RSW107 Interlock / RSW108 + RSW107 Interlock

Max Stress = 110Mpa

S = Serviceability limit state l/250

U = Ultimate limit state

RSW110 + RSW107 INTERLOCK	Window Height	Maximum Design Pressure (Pa)							
	1350	S	500	430					
		U	2100	1790					
	1200	S	720	620	550	510	470	450	430
		U	2700	2310	2050	1860	1740	1650	1520
	1050	S	1110	960	870	810	770	750	675
		U	3590	3100	2780	2570	2440	2380	2210
	900	S	1820	1610	1480	1420	1390	1350	1270
		U	5040	4420	4040	3830	3770	3690	3430
	750	S	3000	3000	2910	2619	2350	2110	1900
		U	7640	6900	6550	6419	6290	6160	5730
	600	S	3000	3000	3000	3000	3000	3000	3000
		U	9000	9000	9000	9000	9000	9000	9000
$I_{xx} = 27.7 \times 10^3 \text{ mm}^4$	Mullion Centres		500	600	700	800	900	1000	1100

RSW108 + RSW107 INTERLOCK	Window Height	Maximum Design Pressure (Pa)							
	1500	S	1170	990	870	780	720	670	640
		U	2950	2500	2190	1960	1790	1660	1570
	1350	S	1620	1380	1220	1110	1020	970	920
		U	3670	3130	2750	2480	2280	2140	2040
	1200	S	2350	2020	1800	1640	1540	1470	1430
		U	4710	4030	3580	3260	3030	2890	2770
	1050	S	3000	3000	2810	2610	2490	2440	2310
		U	6270	5420	4860	4490	4270	4150	3940
	900	S	3000	3000	3000	3000	3000	2850	2700
		U	8800	7720	7060	6700	6580	6250	5900
	750	S	3000	3000	3000	3000	3000	3000	3000
		U	9000	9000	9000	9000	9000	9000	9000
	600	S	3000	3000	3000	3000	3000	3000	3000
		U	9000	9000	9000	9000	9000	9000	9000
$I_{xx} = 89.3 \times 10^3 \text{ mm}^4$	Mullion Centres		500	600	700	800	900	1000	1100

Tables are based on theoretical section properties

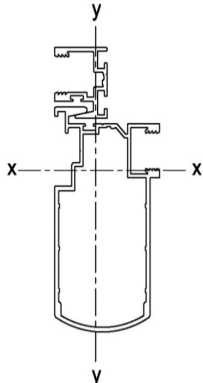
3. Loading Tables

RSW115 + RSW107 Interlock

Max Stress = 110Mpa

S = Serviceability limit state I/250

U = Ultimate limit state

RSW115 + RSW107 INTERLOCK	Window Height	Maximum Design Pressure (Pa)								
	1500	S	3000	3000	3000	2740	2520	2350	2230	2140
		U	5970	5060	4430	3970	3630	3370	3180	3040
	1350	S	3000	3000	3000	3000	3000	3000	3000	3000
		U	7440	6330	5570	5020	4630	4340	4140	4010
	1200	S	3000	3000	3000	3000	3000	3000	3000	3000
		U	9000	8170	7240	6590	6140	5850	5670	5620
	1050	S	3000	3000	3000	3000	3000	3000	3000	3000
		U	9000	9000	9000	9000	8640	8410	7990	7590
	900	S	3000	3000	3000	3000	3000	3000	3000	3000
		U	9000	9000	9000	9000	9000	9000	9000	9000
	750	S	3000	3000	3000	3000	3000	3000	3000	3000
		U	9000	9000	9000	9000	9000	9000	9000	9000
	600	S	3000	3000	3000	3000	3000	3000	3000	3000
		U	9000	9000	9000	9000	9000	9000	9000	9000
Ixx = 311.4 x 10 ³ mm ⁴	Mullion Centres		500	600	700	800	900	1000	1100	1200

Tables are based on theoretical section properties

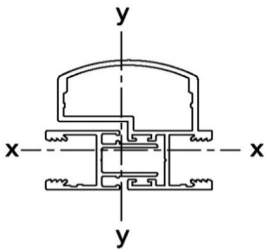
3. Loading Tables

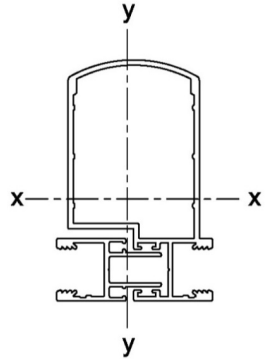
RSW116 + RSW117 Interlock / RSW116 + RSW118 Meeting Stiles

Max Stress = 110Mpa

S = Serviceability limit state I/250

U = Ultimate limit state

RSW116 + RSW117 INTERLOCK	Window Height	Maximum Design Pressure (Pa)							
	1500	S	720	610	530	480	440	410	
		U	1690	1430	1250	1120	1030	950	
	1350	S	1000	850	750	680	630	590	570 540
		U	2110	1790	1580	1420	1310	1230	1170 1140
	1200	S	1440	1240	1100	1010	940	900	880 850
		U	2700	2310	2050	1870	1740	1650	1610 1590
	1050	S	2200	1910	1720	1600	1530	1500	1420 1350
		U	3600	3110	2790	2580	2450	2380	2260 2140
	900	S	3000	3000	2950	2810	2770	2630	2490 2370
		U	5050	4430	4050	3840	3770	3580	3400 3220
	750	S	3000	3000	3000	3000	3000	3000	3000 3000
		U	7660	6910	6570	6570	6240	5920	5630 5350
	600	S	3000	3000	3000	3000	3000	3000	3000 3000
		U	9000	9000	9000	9000	9000	9000	9000 9000
$I_{xx} = 54.9 \times 10^3 \text{ mm}^4$	Mullion Centres		500	600	700	800	900	1000	1100 1200

RSW116 + RSW118 MEETING STILES	Window Height	Maximum Design Pressure (Pa)							
	1500	S	2960	2520	2210	1990	1820	1700	1610 1550
		U	4950	4200	3670	3290	3010	2800	2640 2520
	1350	S	3000	3000	3000	2810	2600	2450	2350 2280
		U	6170	5250	4620	4170	3840	3600	3440 3330
	1200	S	3000	3000	3000	3000	3000	3000	3000 3000
		U	7910	6780	6000	5470	5100	4850	4700 4600
	1050	S	3000	3000	3000	3000	3000	3000	3000 3000
		U	9000	9000	8160	7540	7160	6980	6630 6290
	900	S	3000	3000	3000	3000	3000	3000	3000 3000
		U	9000	9000	9000	9000	9000	9000	9000 9000
	750	S	3000	3000	3000	3000	3000	3000	3000 3000
		U	9000	9000	9000	9000	9000	9000	9000 9000
	600	S	3000	3000	3000	3000	3000	3000	3000 3000
		U	9000	9000	9000	9000	9000	9000	9000 9000
$I_{xx} = 225.8 \times 10^3 \text{ mm}^4$	Mullion Centres		500	600	700	800	900	1000	1100 1200

Tables are based on theoretical section properties

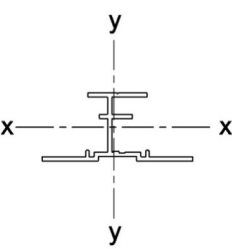
3. Loading Tables

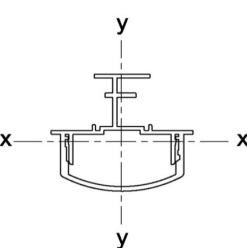
RSW132 Fixed Lite Mullion / RSW133 + RSW36 Fixed Lite Mullion

Max Stress = 110Mpa

S = Serviceability limit state I/250

U = Ultimate limit state

RSW132 FIXED LITE MULLION	Window Height	Maximum Design Pressure (Pa)							
	900	S	500	440	410				
		U	1400	1230	1120				
	750	S	930	840	810	729	650	590	530
		U	2120	1910	1820	1638	1470	1320	1190
	600	S	2030	1960	1764	1580	2570	1280	1150
		U	3680	3530	3177	2850	2565	2310	2080
$I_{xx} = 7.7 \times 10^3 \text{ mm}^4$	Mullion Centres		500	600	700	800	900	1000	1100

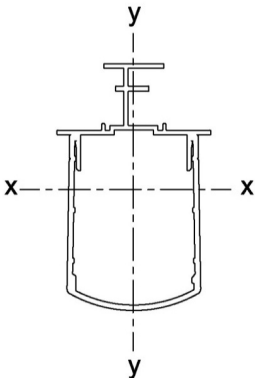
RSW133 + RSW36 FIXED LITE MULLION	Window Height	Maximum Design Pressure (Pa)							
	1500	S	490	410					
		U	1290	1090					
	1350	S	680	580	510	460	430		
		U	1610	1370	1200	1090	1000		
	1200	S	980	840	750	690	640	620	600
		U	2070	1770	1570	1430	1330	1260	1230
	1050	S	1500	1300	1180	1090	1040	1020	910
		U	2750	2380	2130	1970	1870	1820	1630
	900	S	2470	2180	2010	1920	1890	1700	1530
		U	3860	3390	3100	2940	2880	2590	2330
	750	S	3000	3000	3000	3000	2750	2430	2180
		U	5860	5280	5020	5020	4580	4050	3650
	600	S	3000	3000	3000	3000	3000	3000	3000
		U	9000	9000	9000	9000	9000	9000	9000
$I_{xx} = 37.5 \times 10^3 \text{ mm}^4$	Mullion Centres		500	600	700	800	900	1000	1100

Tables are based on theoretical section properties

3. Loading Tables

RSW133 + RSW37 Fixed Lite Mullion

Max Stress = 110Mpa S = Serviceability limit state I/250 U = Ultimate limit state

RSW133 + RSW37 FIXED LITE MULLION	Window Height	Maximum Design Pressure (Pa)								
	1500	S	2480	2100	1850	1660	1520	1420	1350	1290
		U	4070	3450	3020	2710	2470	2300	2170	2080
	1350	S	3000	2930	2590	2350	2170	2050	1960	1910
		U	5080	4320	3800	3430	3160	2960	2830	2740
	1200	S	3000	3000	3000	3000	3000	2990	2750	2500
		U	6510	5570	4940	4500	4190	3990	3870	3670
	1050	S	3000	3000	3000	3000	3000	3000	3000	3000
		U	8670	7490	6720	6210	5890	5740	5450	5180
	900	S	3000	3000	3000	3000	3000	3000	3000	3000
		U	9000	9000	9000	8690	8240	8000	7630	7250
	750	S	3000	3000	3000	3000	3000	3000	3000	3000
		U	9000	9000	9000	9000	9000	9000	9000	9000
	600	S	3000	3000	3000	3000	3000	3000	3000	3000
		U	9000	9000	9000	9000	9000	9000	9000	9000
Ixx = 188.8 x 10 ³ mm ⁴	Mullion Centres		500	600	700	800	900	1000	1100	1200

Tables are based on theoretical section properties

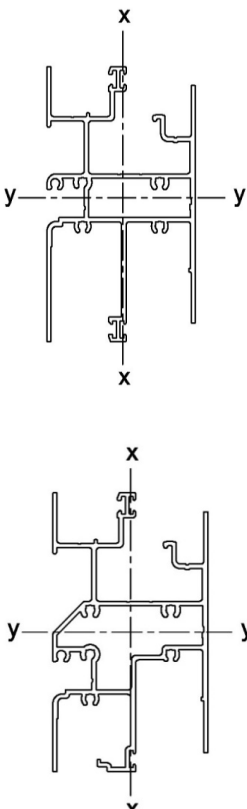
3. Loading Tables

RSW111 or RSW123 Transom

Max Stress = 110Mpa

S = Serviceability limit state l/250

U = Ultimate limit state

RSW111 or RSW123 TRANSOM	Window Height	Maximum Design Loads (Pa)								
	2400	S	3000	3000	3000	2730	1510	930	620	430
		U	900	9000	7150	5120	3320	2360	1780	1390
	2200	S	3000	3000	3000	2750	1560	980	660	460
		U	9000	9000	7970	5180	3450	2490	1890	1490
	2000	S	3000	3000	3000	2830	1640	1040	700	510
		U	9000	9000	8860	5330	3630	2650	2030	1610
	1800	S	3000	3000	3000	2960	1740	1120	760	540
		U	9000	9000	8990	5610	3880	2860	2210	1750
	1600	S	3000	3000	3000	3000	1890	1220	840	600
		U	9000	9000	9000	6020	4220	3140	2440	1950
	1400	S	3000	3000	3000	3000	2090	1360	940	680
		U	9000	9000	9000	6610	4690	3520	2740	2190
	1200	S	3000	3000	3000	3000	2370	1560	1080	780
		U	9000	9000	9000	7450	5350	4030	3150	2530
	1000	S	3000	3000	3000	3000	2780	1840	1280	930
		U	9000	9000	9000	8700	6290	4770	3740	3010
	Max Kg		100	100	100	100	100	100	90	80
lxx = 171.2 x 10³ mm⁴ lyy = 290 x 10³ mm⁴	Transom Width		600	800	1000	1200	1400	1600	1800	2000

Transom height is valid anywhere in between 300 - 1200mm spacings If deflection is limited to 5mm the above maximum glass weights apply. This table is based on theoretical section properties.

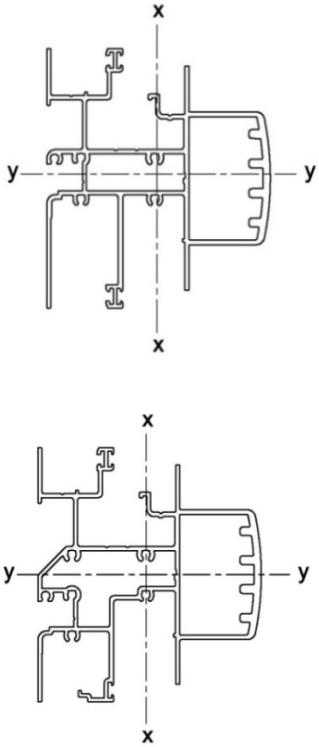
3. Loading Tables

RSW112 & RSW124 or RSW136 & RSW141 Transom

Max Stress = 110Mpa

S = Serviceability limit state l/250

U = Ultimate limit state

RSW112 & RSW124 or RSW136 & RSW141 TRANSOM	Window Height	Maximum Design Loads (Pa)								
	2400	S	3000	2970	1980	1390	1010	760	590	470
		U	6700	4760	3590	2810	2270	1870	1570	1340
	2200	S	3000	3000	2090	1480	1090	820	640	500
		U	6950	5010	3810	3000	2430	2020	1700	1450
	2000	S	3000	3000	2240	1590	1170	890	690	560
		U	7310	5340	4090	3240	2640	2190	1850	1580
	1800	S	3000	3000	2430	1730	1280	980	760	600
		U	7820	5770	4450	3540	2890	2400	2030	1740
	1600	S	3000	3000	2670	1920	1420	1090	850	670
		U	8520	6340	4910	3930	3210	2680	2270	1950
	1400	S	3000	3000	3000	2160	1610	1230	960	760
		U	9000	7090	5520	4430	3630	3030	2570	2210
	1200	S	3000	3000	3000	2480	1850	1420	1110	890
		U	9000	8130	6350	5110	4200	3510	2980	2570
	1000	S	3000	3000	3000	2950	2210	1690	1330	1060
		U	9000	9000	7540	6070	5000	4190	3560	3060
	Max Kg		100	100	100	85	65	50	40	30
$I_{xx} = 539.8 \times 10^3 \text{ mm}^4$ $I_{yy} = 350.9 \times 10^3 \text{ mm}^4$	Transom Width		1400	1600	1800	2000	2200	2400	2600	2800

Transom height is valid anywhere in between 300 - 1200mm spacings If deflection is limited to 5mm the above maximum glass weights apply. This table is based on theoretical section properties.

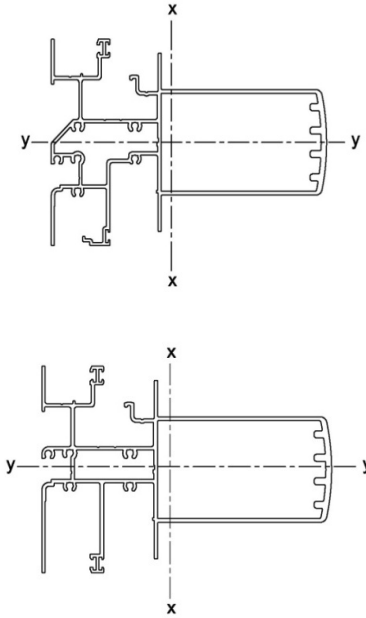
3. Loading Tables

RSW113 & RSW125 or RSW113 & RSW125 Transom

Max Stress = 110Mpa

S = Serviceability limit state I/250

U = Ultimate limit state

RSW113 & RSW125 or RSW113 & RSW125 TRANSOM	Window Height	Maximum Design Loads (Pa)								
	2400	S	3000	3000	3000	3000	3000	2430	1880	1480
		U	9000	8580	6470	5070	4090	3380	2840	2420
	2200	S	3000	3000	3000	3000	3000	2600	2020	1600
		U	9000	9000	6860	5410	4390	3630	3060	2620
	2000	S	3000	3000	3000	3000	3000	2820	2190	1750
		U	9000	9000	7370	5840	4750	3940	3330	2850
	1800	S	3000	3000	3000	3000	3000	3000	2410	1920
		U	9000	9000	8010	6380	5210	4330	3660	3140
	1600	S	3000	3000	3000	3000	3000	3000	2680	2140
		U	9000	9000	8850	7070	5790	4830	4090	3510
	1400	S	3000	3000	3000	3000	3000	3000	3000	2420
		U	9000	9000	9000	7980	6540	5470	4640	3980
	1200	S	3000	3000	3000	3000	3000	3000	3000	2810
		U	9000	9000	9000	9000	7560	6330	5380	4620
	1000	S	3000	3000	3000	3000	3000	3000	3000	3000
		U	9000	9000	9000	9000	9000	7550	6420	5520
	Max Kg			100	100	100	100	75	60	50
$I_{xx} = 1705.9 \times 10^3 \text{ mm}^4$ $I_{yy} = 421.2 \times 10^3 \text{ mm}^4$	Transom Width		1400	1600	1800	2000	2200	2400	2600	2800

Transom height is valid anywhere in between 300 - 1200mm spacings If deflection is limited to 5mm the above maximum glass weights apply. This table is based on theoretical section properties.

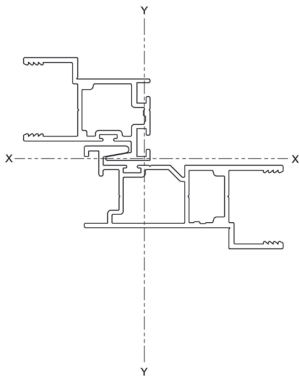
3. Loading Tables

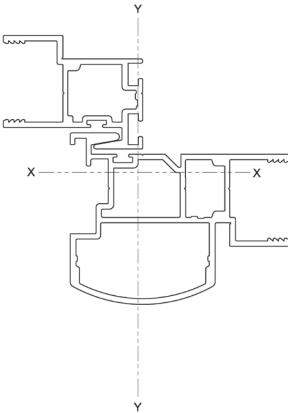
RSW207 + RSW210 / RSW207 + RSW208 INTERLOCK

Max Stress = 110Mpa

S = Serviceability limit state 1/250

U = Ultimate limit state

RSW207 + RSW210 INTERLOCK	Window Height	Maximum Design Pressure (Pa)								
	1500	S	650	550	490	440	400	370	350	340
		U	2430	2060	1800	1610	1480	1370	1290	1240
	1350	S	910	770	680	620	570	540	520	500
		U	3030	2580	2270	2040	1880	1770	1680	1630
	1200	S	1310	1130	1000	920	860	820	800	790
		U	3880	3330	2950	2680	2500	2380	2310	2280
	1050	S	2010	1740	1570	1460	1390	1360	1360	1390
		U	5170	4470	4010	3700	3520	3420	3420	3530
	900	S	3000	2920	2680	2560	2520	2560	2680	2910
		U	7260	6370	5820	5520	5420	5530	5890	6660
	750	S	3000	3000	3000	3000	3000	3000	3000	3000
		U	9000	9000	9000	9000	9000	9000	9000	9000
	600	S	3000	3000	3000	3000	3000	3000	3000	3000
		U	9000	9000	9000	9000	9000	9000	9000	9000
$I_{xx} = 49.67 \times 10^3 \text{ mm}^4$	Mullion Centres		500	600	700	800	900	1000	1100	1200

RSW207 + RSW208 INTERLOCK	Window Height	Maximum Design Pressure (Pa)								
	1500	S	1470	1250	1100	990	910	850	800	770
		U	3560	3020	2640	2370	2160	2010	1900	1810
	1350	S	2040	1740	1540	1400	1290	1220	1170	1130
		U	4440	3780	3320	3000	2760	2590	2470	2390
	1200	S	2950	2540	2260	2070	1940	1850	1810	1790
		U	5690	4870	4320	3930	3660	3480	3380	3350
	1050	S	3000	3000	3000	3000	3000	3000	3000	3000
		U	7570	6550	5870	5420	5150	5020	5020	5170
	900	S	3000	3000	3000	3000	3000	3000	3000	3000
		U	9000	9000	8530	8090	7940	8100	8630	9000
	750	S	3000	3000	3000	3000	3000	3000	3000	3000
		U	9000	9000	9000	9000	9000	9000	9000	9000
	600	S	3000	3000	3000	3000	3000	3000	3000	3000
		U	9000	9000	9000	9000	9000	9000	9000	9000
Ixx = 111.61 x 10 ³ mm ⁴	Mullion Centres		500	600	700	800	900	1000	1100	1200

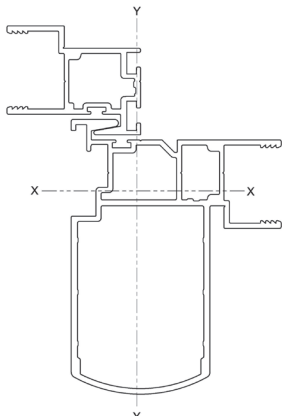
3. Loading Tables

RSW207 + RSW215 INTERLOCK

Max Stress = 110Mpa

S = Serviceability limit state l/250

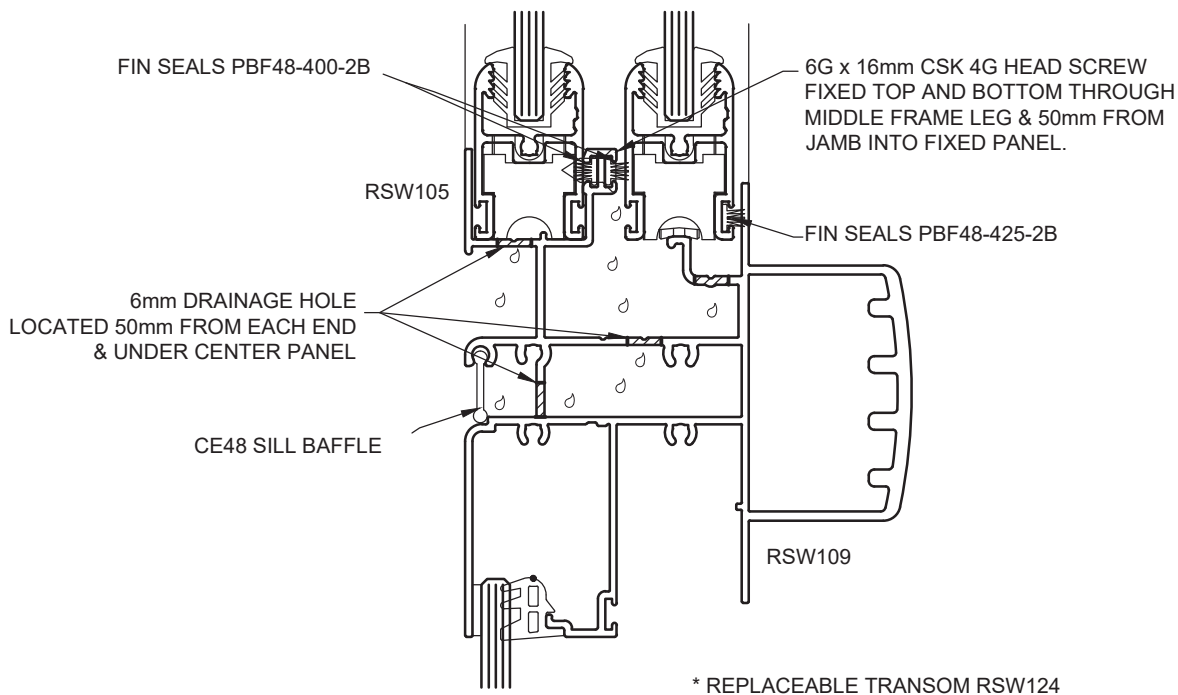
U = Ultimate limit state

RSW207 + RSW215 INTERLOCK	Window Height	Maximum Design Pressure (Pa)								
	1500	S	3000	3000	3000	3000	2990	2790	2640	2540
		U	6480	5490	4800	4300	3930	3660	3450	3300
	1350	S	3000	3000	3000	3000	3000	3000	3000	3000
		U	8070	6870	6040	5450	5020	4710	4490	4350
	1200	S	3000	3000	3000	3000	3000	3000	3000	3000
		U	9000	8860	7850	7150	6660	6340	6150	6090
	1050	S	3000	3000	3000	3000	3000	3000	3000	3000
		U	9000	9000	9000	9000	9000	9000	9000	9000
	900	S	3000	3000	3000	3000	3000	3000	3000	3000
		U	9000	9000	9000	9000	9000	9000	9000	9000
	750	S	3000	3000	3000	3000	3000	3000	3000	3000
		U	9000	9000	9000	9000	9000	9000	9000	9000
	600	S	3000	3000	3000	3000	3000	3000	3000	3000
		U	9000	9000	9000	9000	9000	9000	9000	9000
Ixx = 366.76 x 10 ³ mm ⁴	Mullion Centres	500	600	700	800	900	1000	1100	1200	

4. Test Summary

AS2047 - XO/O Sliding Window

TEST REPORT:	AS11-138
SYSTEM CONFIGURATION	XO/O SLIDING WINDOW, RSW108/ RSW 107 Interlock, RSW109 Transom
TEST SAMPLE SIZE	1.8m high x 1.81m wide
SERVICEABILITY LOAD	+/- 1.5 kPa
ULTIMATE LOAD	+/- 2.3 kPa
WATER PENETRATION	200 Pa
AIR INFILTRATION	75Pa + 0.25 L/m/s ² - 0.56 L/m/s ² 150Pa + 0.10 L/m/s ² - 1.43 L/m/s ²
OPERATING FORCE TEST INITIATING MOVEMENT SUSTAINING MOVEMENT	38.8 N 27.5 N

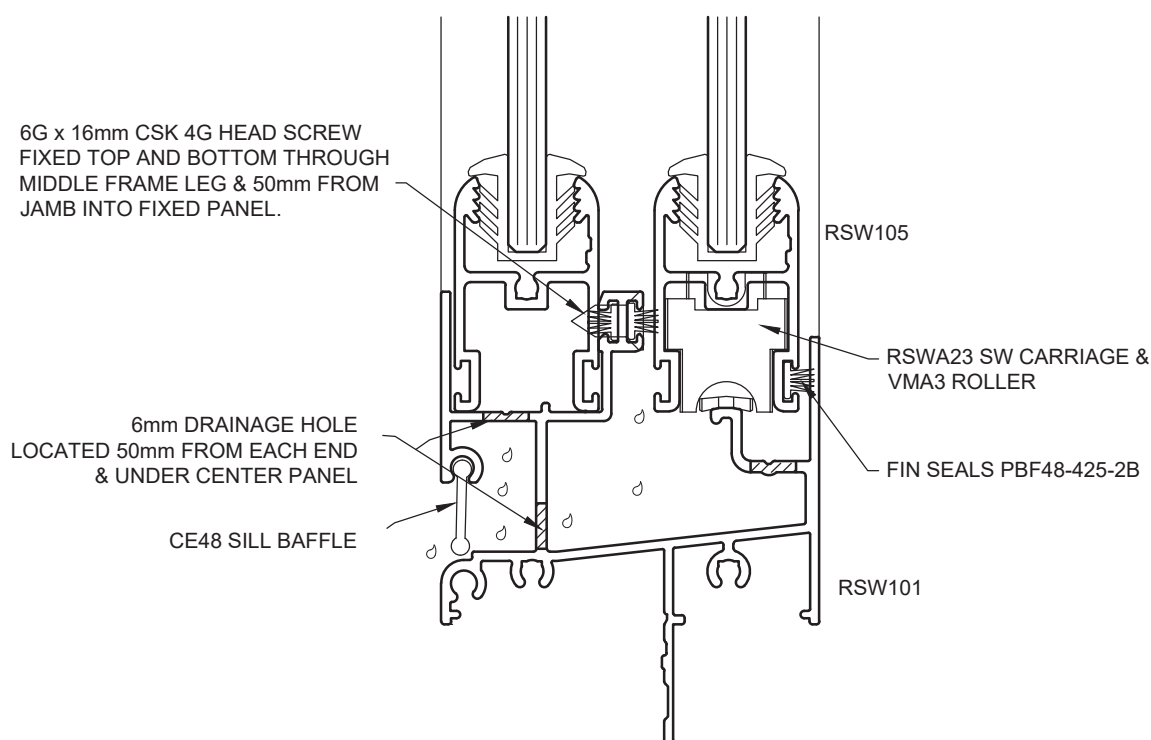


DISCLAIMER:
Please note that the test results shown above reflect specific configurations of a system and are representative only. If a specific high wind load or a different configuration (i.e. changes to frames, transoms, mullions) is required on a project please discuss with Alspec prior to commencement.

4. Test Summary

AS2047 - XO Sliding Window

TEST REPORT:	AS11-139
SYSTEM CONFIGURATION	XO SLIDING WINDOW, RSW110/ RSW107 Interlock, RSW101 Sill
TEST SAMPLE SIZE	1.2m high x 1.81m wide
SERVICEABILITY LOAD	+/- 1.0 kPa
ULTIMATE LOAD	+/- 1.5 kPa
WATER PENETRATION	200 Pa
AIR INFILTRATION	75Pa + 0.39 L/m/s² - 0.72 L/m/s² 150Pa + 1.30 L/m/s² - 0.96 L/m/s²
OPERATING FORCE TEST	
INITIATING MOVEMENT	41.8 N
SUSTAINING MOVEMENT	20.6 N



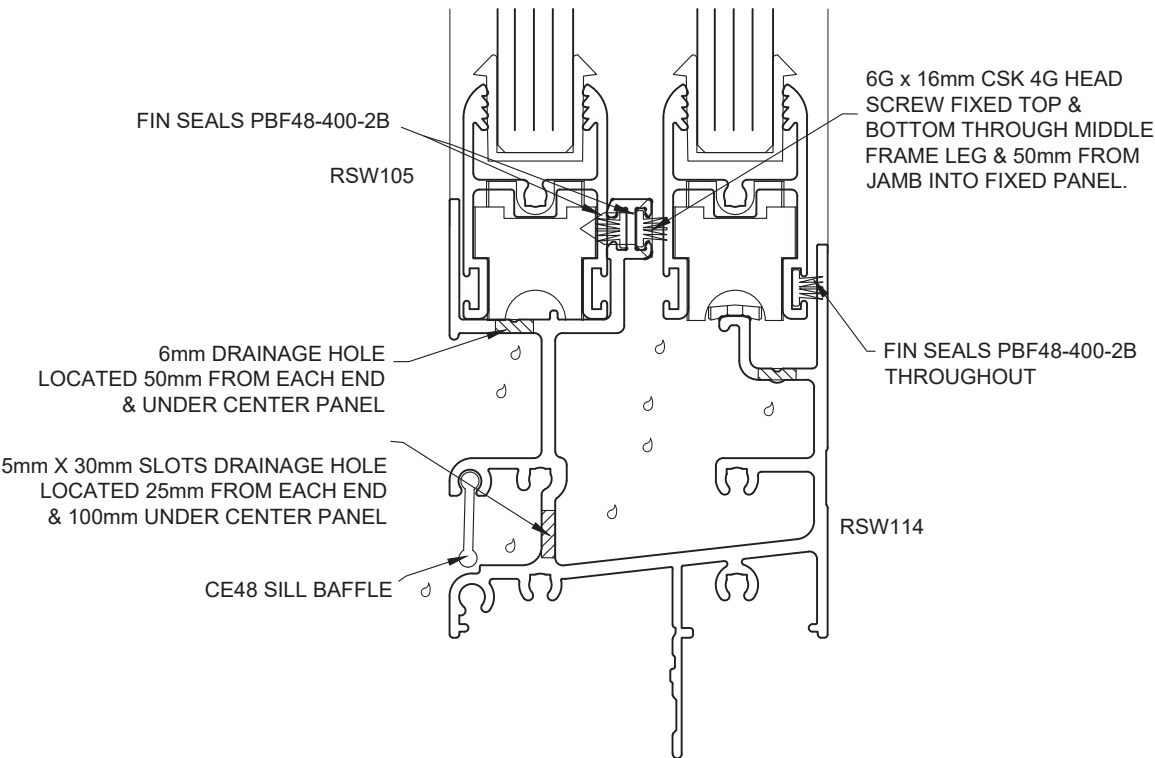
DISCLAIMER:

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 - O/XO Sliding Window

TEST REPORT:	AS12-174
SYSTEM CONFIGURATION	O/XO SLIDING WINDOW, RSW108/ RSW107 Interlock, RSW111 Transom, RSW114 Medium Sill
TEST SAMPLE SIZE	1.2m high x 1.69m wide Transom @ 0.9m
SERVICEABILITY LOAD	+/- 2.2 kPa
ULTIMATE LOAD	+/- 3.3 kPa
WATER PENETRATION	300 Pa
AIR INFILTRATION	75Pa + 0.30 L/m/s ² - 0.51 L/m/s ² 150Pa + 0.60 L/m/s ² - 0.89 L/m/s ²
OPERATING FORCE TEST	
INITIATING MOVEMENT	51.5 N
SUSTAINING MOVEMENT	36.1 N



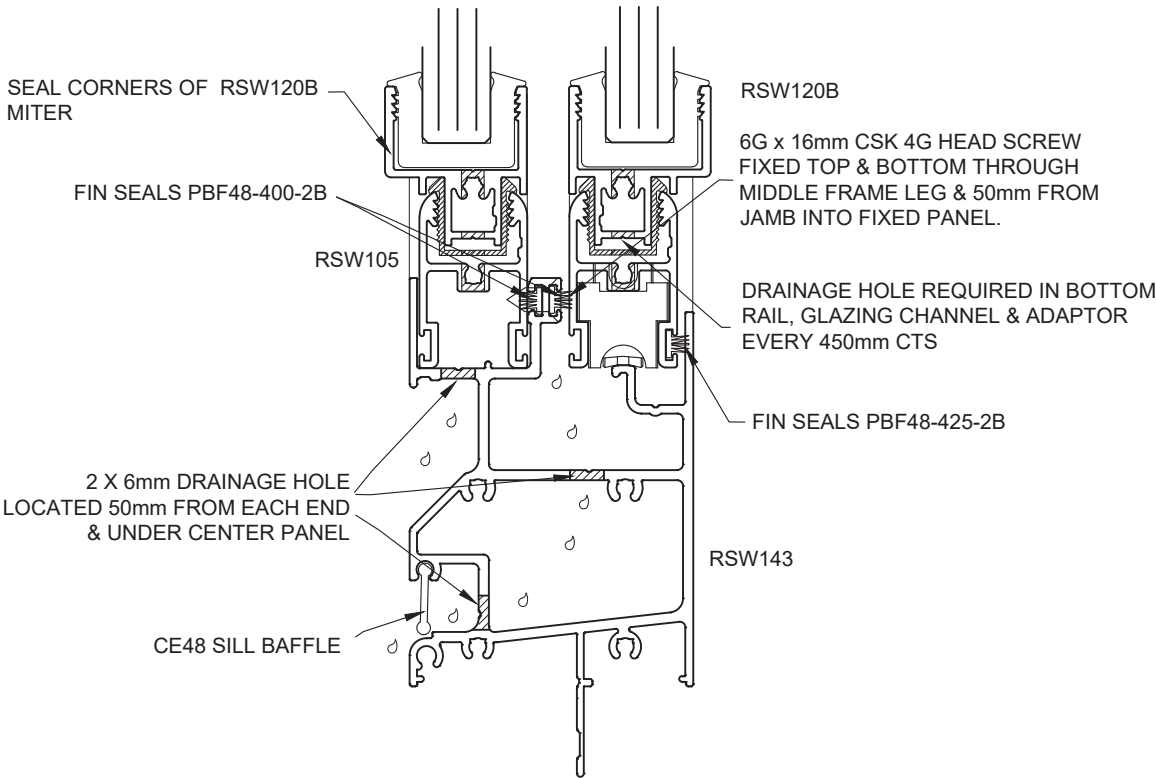
DISCLAIMER:

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 Sliding Window with DG Adaptor (RSW120B)

TEST REPORT:	AS12-193
SYSTEM CONFIGURATION	XO SLIDING WINDOW with DG ADAPTOR (RSW120B), RSW115/ RSW107 Interlock, RSW143 High Sill
TEST SAMPLE SIZE	1.2m high x 1.81m wide
SERVICEABILITY LOAD	+/- 3.0 kPa
ULTIMATE LOAD	+/- 4.5 kPa
WATER PENETRATION	450 Pa
AIR INFILTRATION	75Pa + 0.17 L/m/s ² - 0.18 L/m/s ²
	150Pa + 0.18 L/m/s ² - 0.10 L/m/s ²
OPERATING FORCE TEST INITIATING MOVEMENT SUSTAINING MOVEMENT	53.8 N 35.5 N

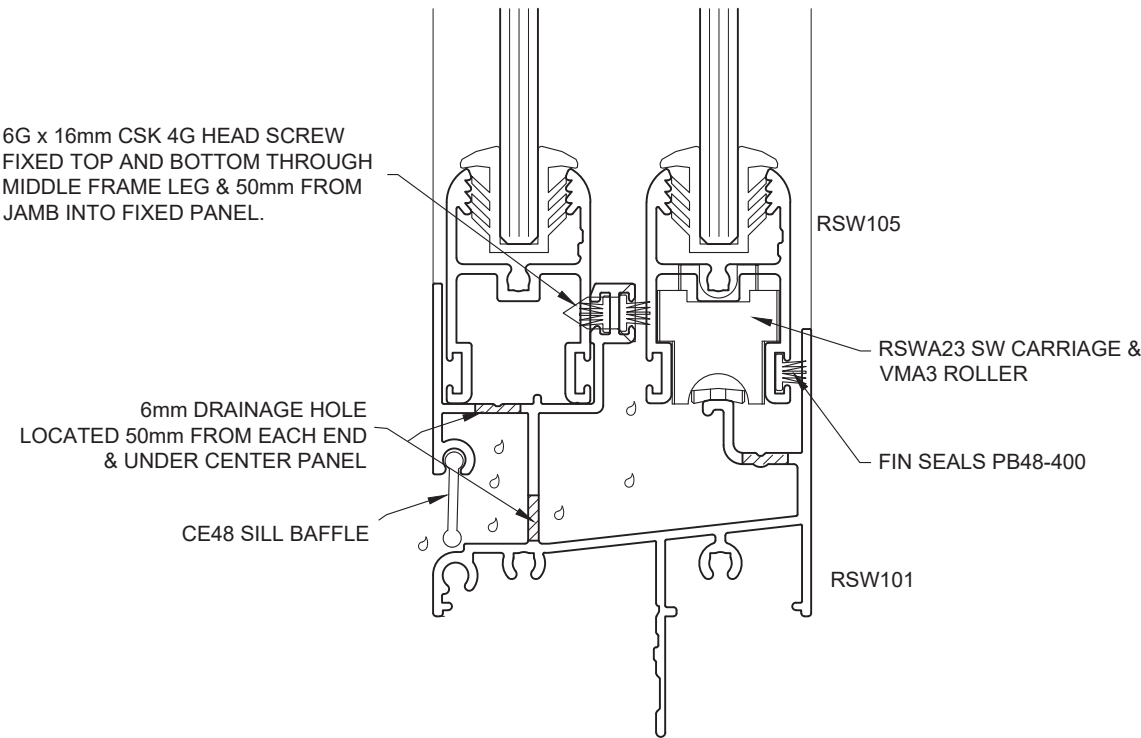


DISCLAIMER:
Please note that the test results shown above reflect specific configurations of a system and are representative only. If a specific high wind load or a different configuration (i.e. changes to frames, transoms, mullions) is required on a project please discuss with Alspec prior to commencement.

4. Test Summary

AS2047 - XO Sliding Window

TEST REPORT:	AS13-205
SYSTEM CONFIGURATION	XO SLIDING WINDOW, PB48400 Seals, RSW101 Sill
TEST SAMPLE SIZE	1.5m high x 1.79m wide
SERVICEABILITY LOAD	+/- 1.0 kPa
ULTIMATE LOAD	+/- 1.5 kPa
WATER PENETRATION	153 Pa
AIR INFILTRATION	75Pa + 1.13 L/m/s ² - 1.73 L/m/s ² 150Pa + 2.38 L/m/s ² - 2.65 L/m/s ²
OPERATING FORCE TEST	
INITIATING MOVEMENT	27.1 N
SUSTAINING MOVEMENT	15.8 N



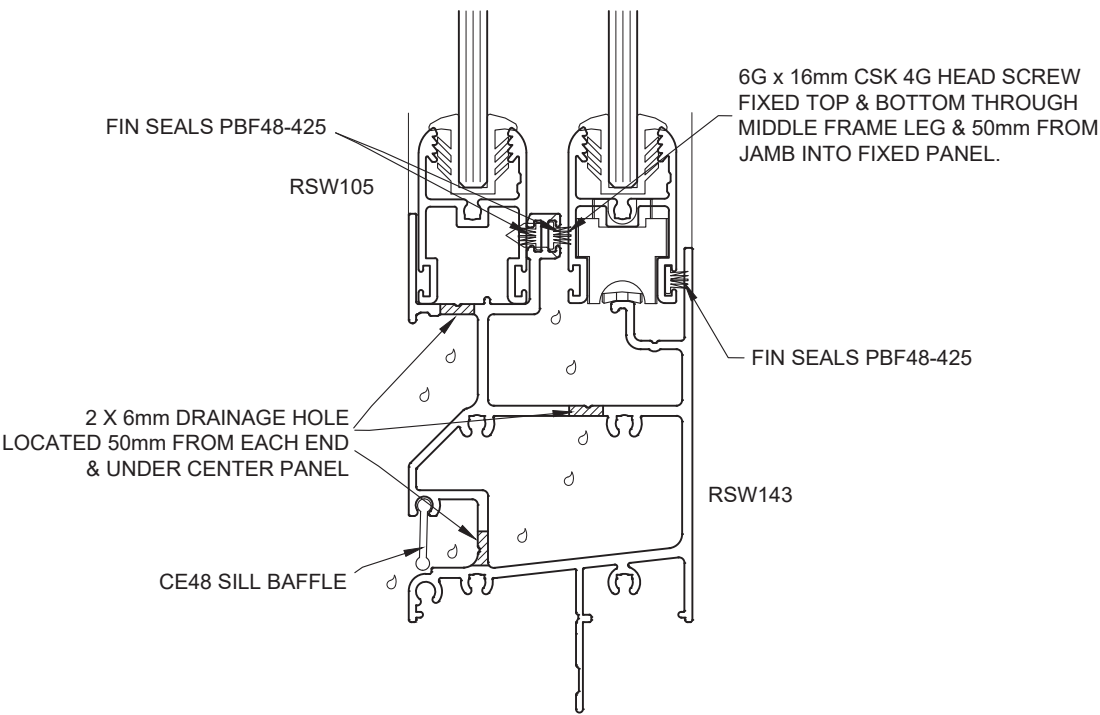
DISCLAIMER:

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 Sliding Window

TEST REPORT:	AS13-207
SYSTEM CONFIGURATION	XO SLIDING WINDOW, RSW115/ RSW107 Interlock, RSW143 High Sill
TEST SAMPLE SIZE	1.2m high x 1.81m wide
SERVICEABILITY LOAD	+/- 3.0 kPa
ULTIMATE LOAD	+/- 4.5 kPa
WATER PENETRATION	459 Pa
AIR INFILTRATION	75Pa + 1.15 L/m/s ² - 1.24 L/m/s ²
	150Pa + 1.97 L/m/s ² - 2.51 L/m/s ²
OPERATING FORCE TEST	
INITIATING MOVEMENT	26.0 N
SUSTAINING MOVEMENT	20.0 N



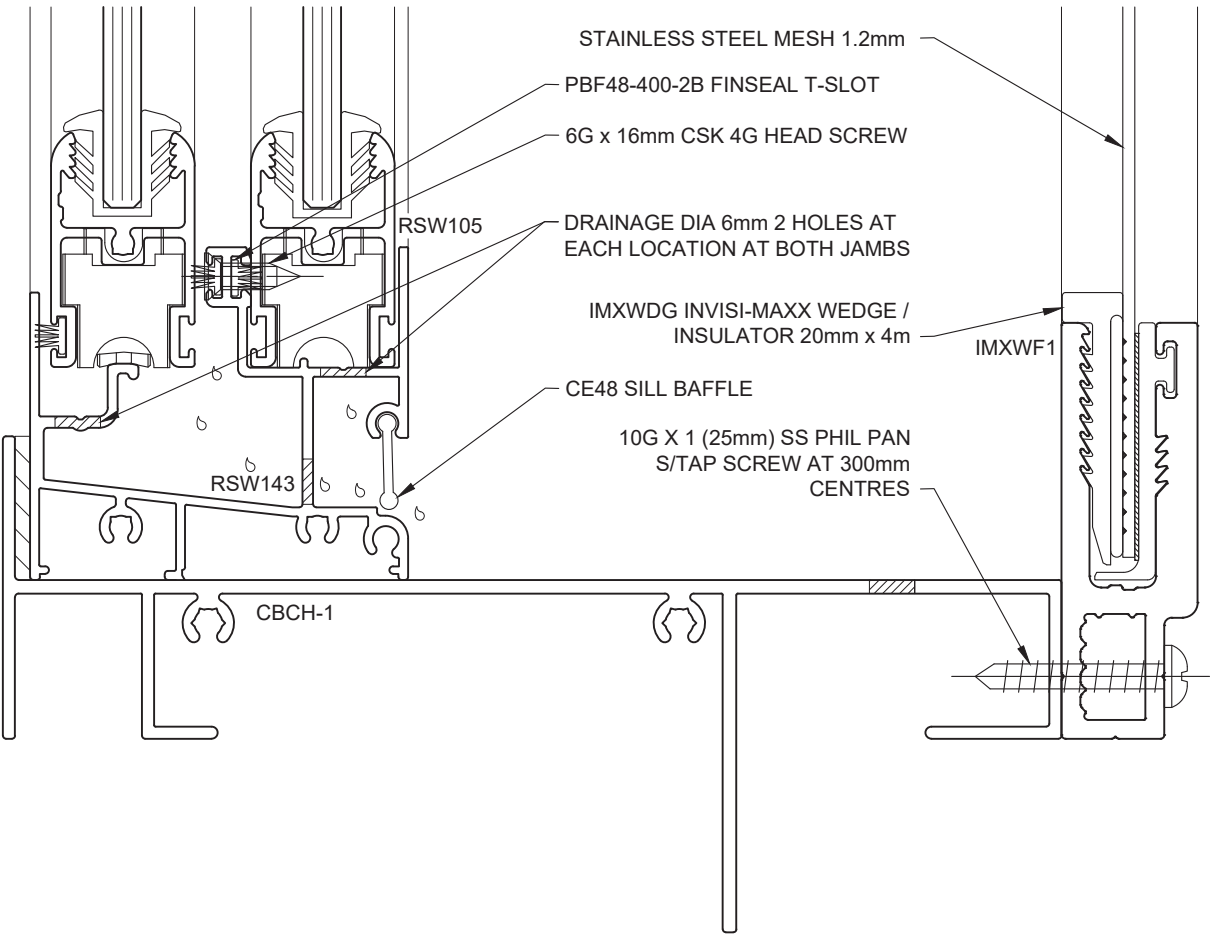
DISCLAIMER:

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 Sliding Window with CBCH-1 Buildout Invisi-Maxx Screen

TEST REPORT:	OT22-128
SYSTEM CONFIGURATION	XO SLIDING WINDOW, RSW115/ RSW107 Interlock, RSW143 High Sill, CBHC-1 Buildout Invisi-Maxx Screen
TEST SAMPLE SIZE	1.2m high x 1.5m wide
SERVICEABILITY LOAD	+/- 1.6 kPa
ULTIMATE LOAD	+/- 5.3 kPa
WATER PENETRATION	455 Pa
AIR INFILTRATION @ 75Pa	75Pa + 0.98 L/m/s ² - 0.86 L/m/s ²
OPERATING FORCE TEST	
INITIATING MOVEMENT	34.0 N
SUSTAINING MOVEMENT	37.4 N



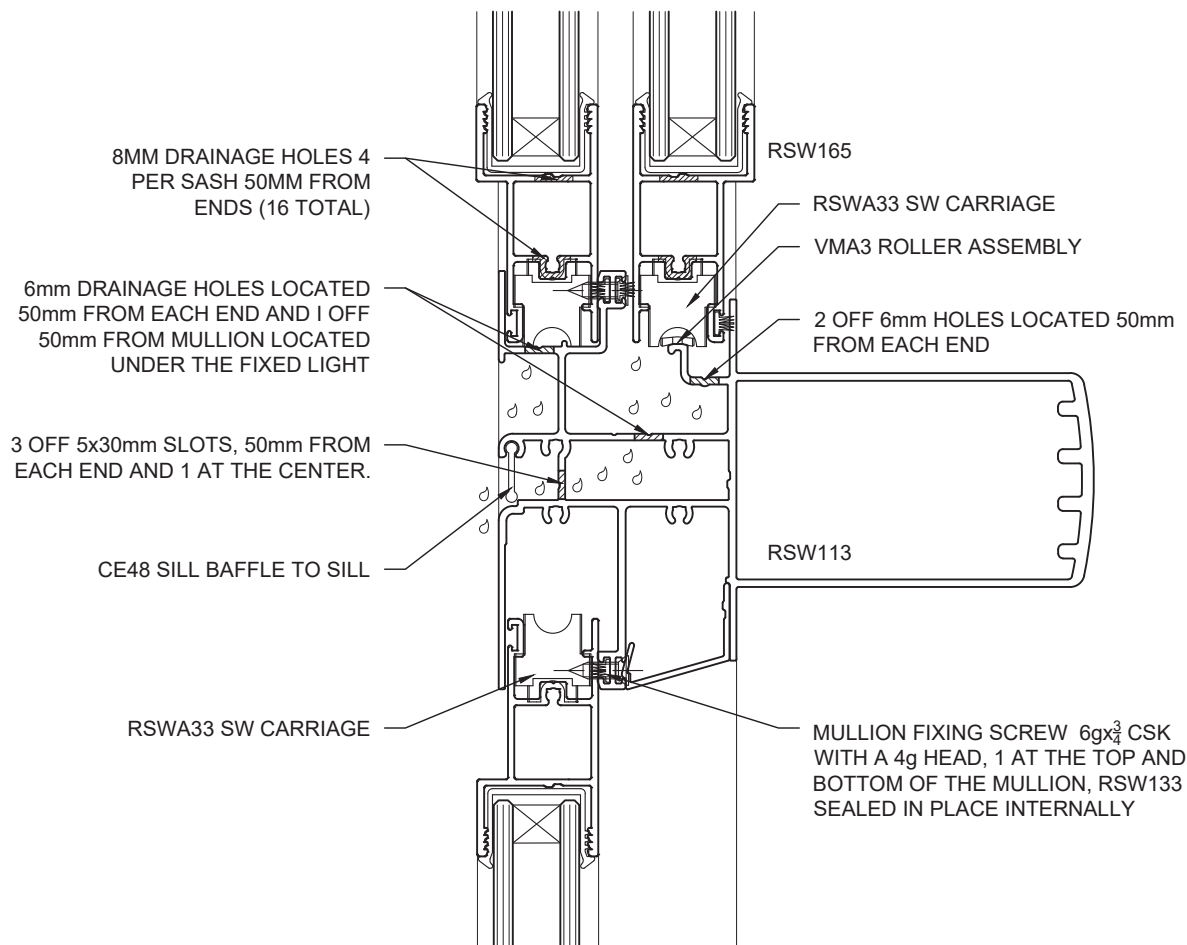
DISCLAIMER:

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/OO Sliding Window

TEST REPORT:	OT24-225
SYSTEM CONFIGURATION	XO/OO SLIDING WINDOW, RSW207/ RSW215 Interlock, RSW113 Transom, RSW101 Sill
TEST SAMPLE SIZE	1.8m high x 1.81m wide
SERVICEABILITY LOAD	+/- 1.8 kPa
ULTIMATE LOAD	+/- 3.5 kPa
WATER PENETRATION	302 Pa
AIR INFILTRATION @ 75Pa	75Pa + 0.42 L/m/s ² - 0.56 L/m/s ²
OPERATING FORCE TEST INITIATING MOVEMENT SUSTAINING MOVEMENT	61.5 N 45.8 N



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
4704-R1	XO SLIDING WINDOW	1.2m (H) x 1.8m (W)	6.38mm LAMINATE	PBF48425 FINSEAL	29 (0;-2)
14-120/ PD	XO SLIDING WINDOW with XO SECONDARY SLIDER FRAME	1.24m (H) x 1.84m (W)	6.38mm LAMINATE and 10.5mm HUSH LAMINATE	PBF48425/ PBF48400/ PBF48650 FINSEAL	47 (-1;-5)

BAL40 - AS 1530.8.1-2007

TEST REPORT	PRODUCT DESCRIPTION	SIZE	GLASS	SEALS	RESULT
28223400	XO SLIDING WINDOW	0.79m (H) x 1.0m (W)	6mm CLEAR TOUGHENED	PBF48-425 FINSEAL & GR61FR	BAL-40

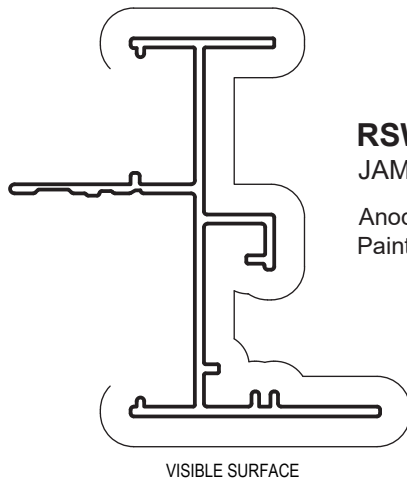
Cyclonic Impact - AS/NZS 2047 & 1170.2, SECTION 2.5.7 & 5.3.2

TEST REPORT	GLASS	SIZE	RESULT
INZ36934-09	8mm STORMSHIELD	1.2m (H) x 1.67m (W)	30m/s
AZT0083.13	8mm STORMSHIELD	1.2m (H) x 1.69m (W)	36m/s

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.

5. Extrusions



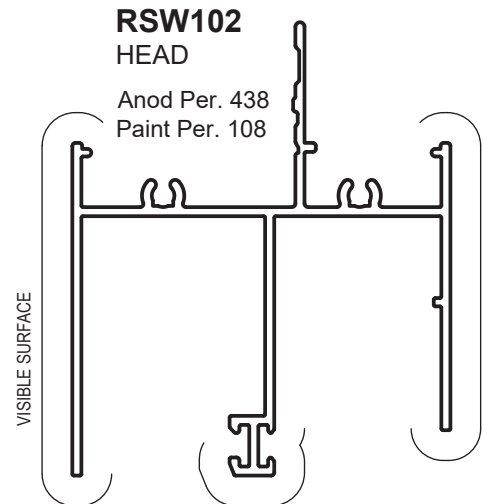
RSW103
JAMB

Anod Per. 301
Paint Per. 181



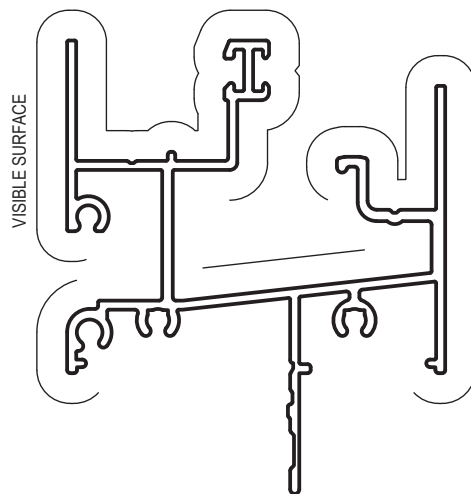
RSW126
DIRECT GLAZE
ADAPTOR

Anod Per. 100
Paint Per. 100



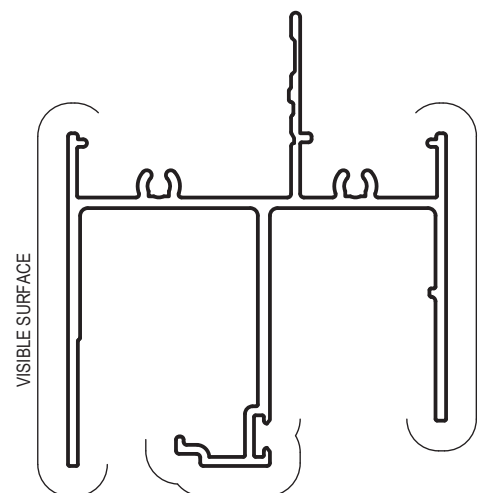
RSW102
HEAD

Anod Per. 438
Paint Per. 108



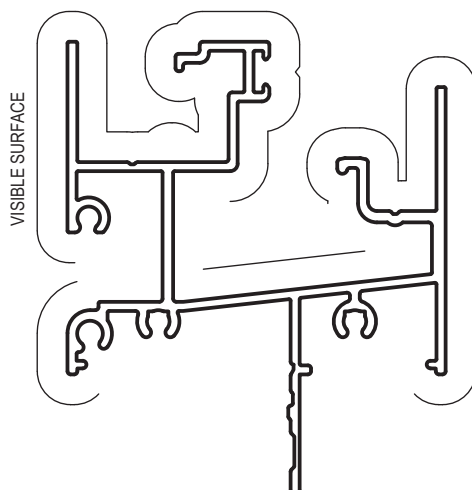
RSW101
SILL
(200Pa WATER)

Anod Per. 529
Paint Per. 358



RSW122
DIRECT GLAZED HEAD
(USED ON HI LITES ONLY)

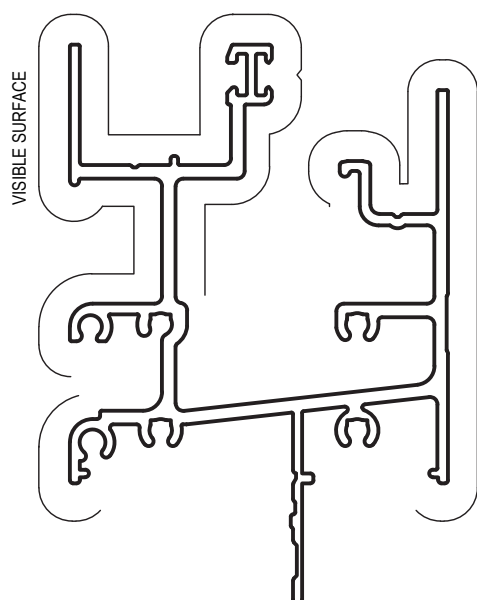
Anod Per. 442
Paint Per. 120



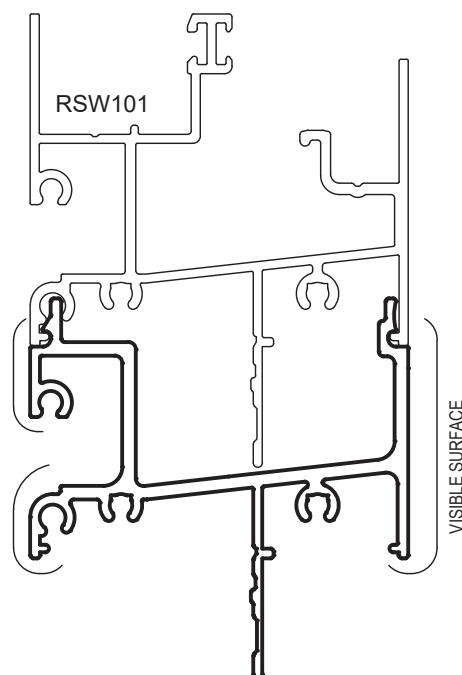
RSW100
DIRECT GLAZED
SILL
(USED ON LOW
LITES ONLY)

Anod Per. 540
Paint Per. 368

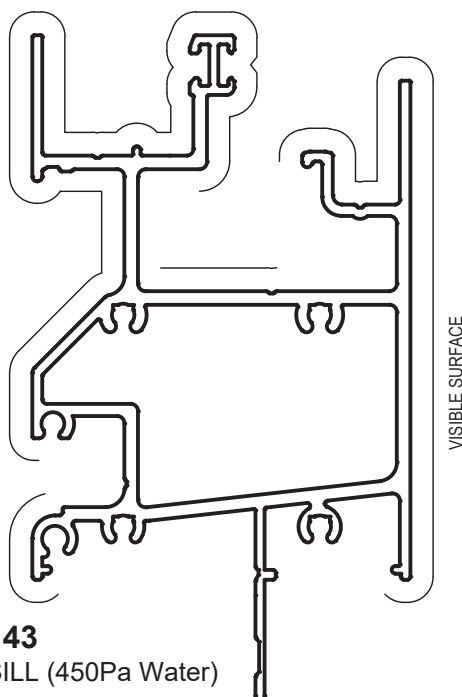
5. Extrusions



RSW114
MEDIUM SILL (300Pa WATER)
Anod Per. 623
Paint Per. 261

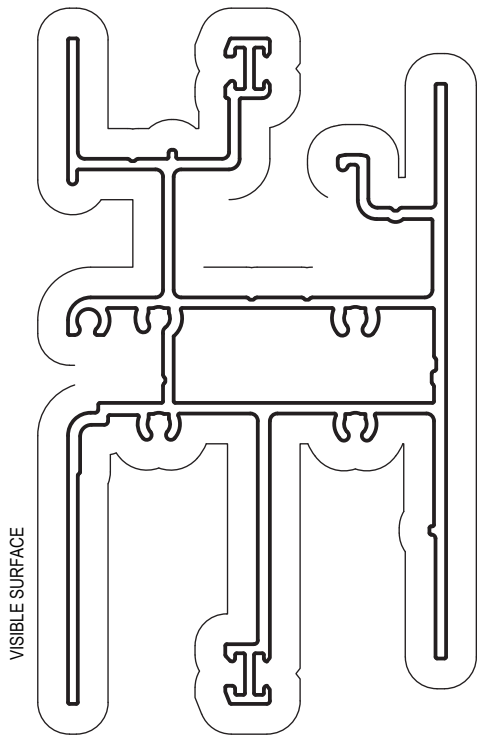


RSW139
SUMP SILL (450Pa Water)
Anod Per. 384
Paint Per. 111



RSW143
HIGH SILL (450Pa Water)
Anod Per. 623
Paint Per. 261

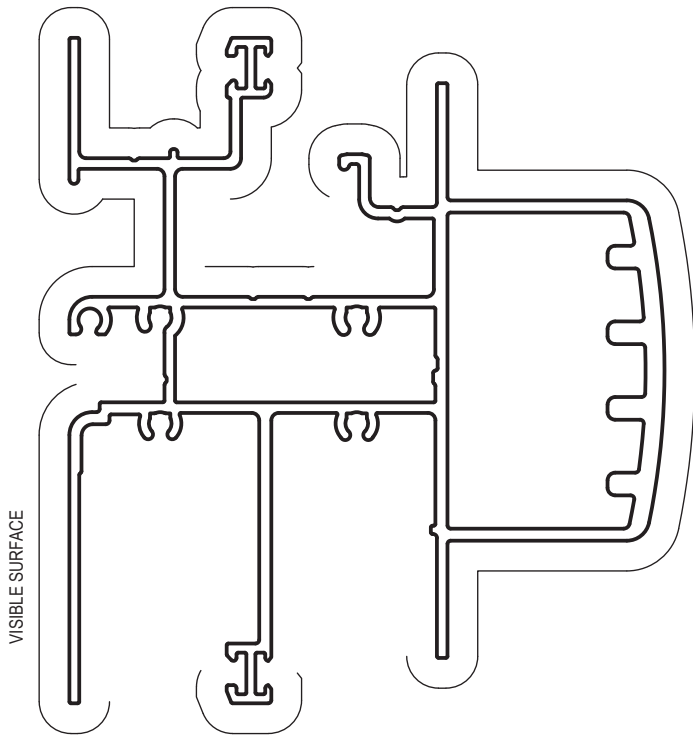
5. Extrusions



RSW111
STANDARD TRANSOM (300Pa WATER)
SASH OVER SASH

Anod Per. 703
Paint Per. 351

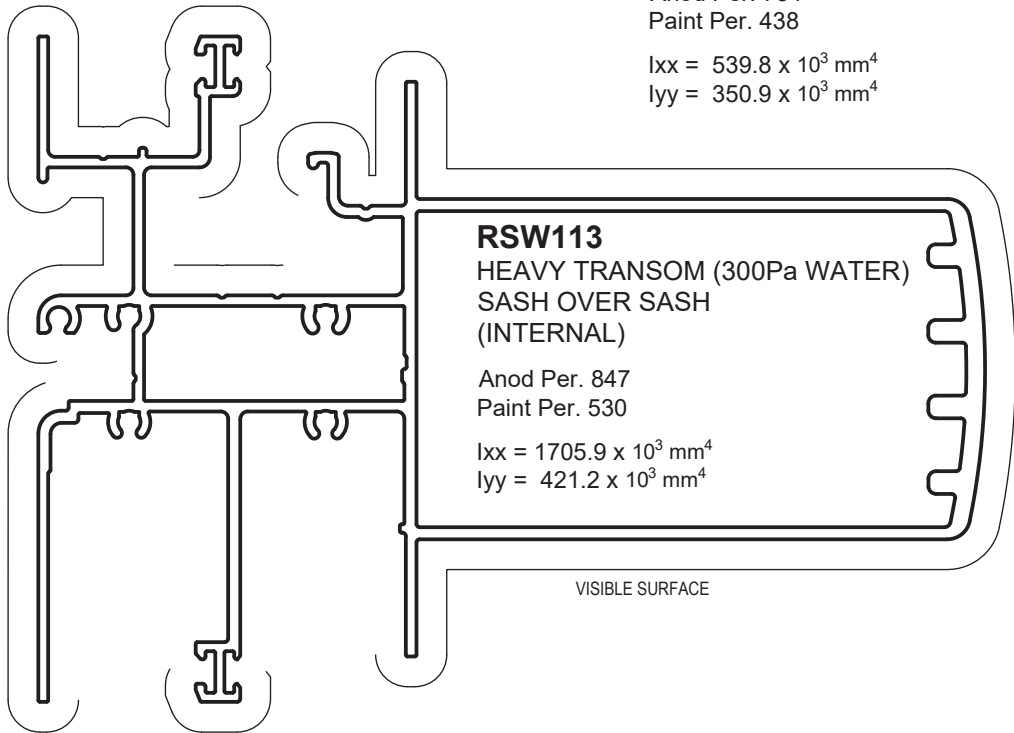
$I_{xx} = 171.2 \times 10^3 \text{ mm}^4$
 $I_{yy} = 290.3 \times 10^3 \text{ mm}^4$



RSW112
MEDIUM TRANSOM (300Pa WATER)
SASH OVER SASH
(INTERNAL)

Anod Per. 754
Paint Per. 438

$I_{xx} = 539.8 \times 10^3 \text{ mm}^4$
 $I_{yy} = 350.9 \times 10^3 \text{ mm}^4$

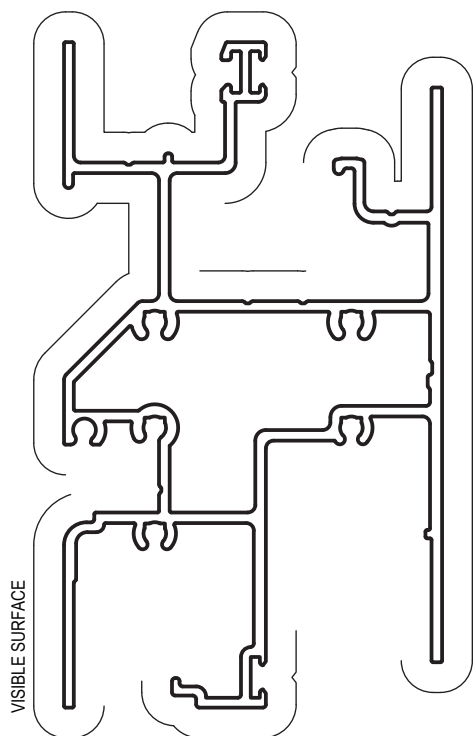


RSW113
HEAVY TRANSOM (300Pa WATER)
SASH OVER SASH
(INTERNAL)

Anod Per. 847
Paint Per. 530

$I_{xx} = 1705.9 \times 10^3 \text{ mm}^4$
 $I_{yy} = 421.2 \times 10^3 \text{ mm}^4$

5. Extrusions



RSW123

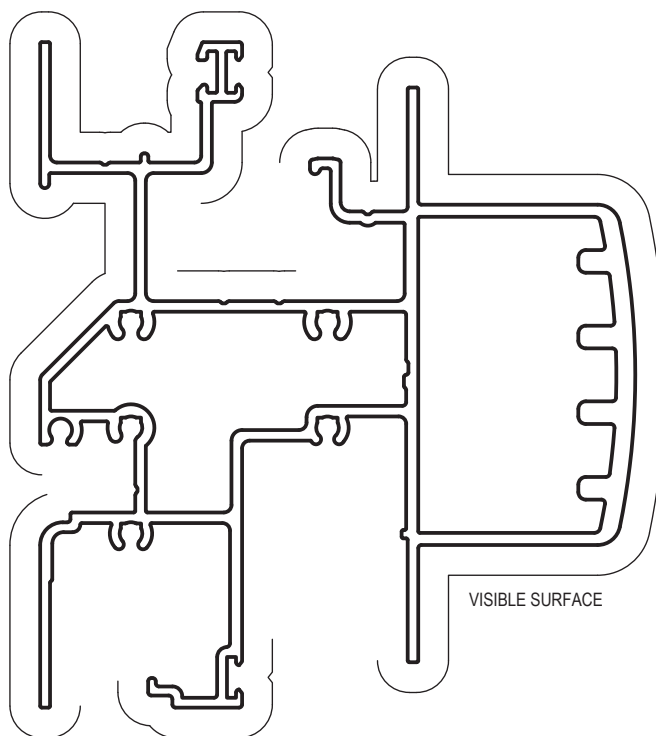
STANDARD TRANSOM (450Pa WATER)
SASH OVER DIRECT GLAZED

Anod Per. 671

Paint Per. 330

$I_{xx} = 173.4 \times 10^3 \text{ mm}^4$

$I_{yy} = 321.0 \times 10^3 \text{ mm}^4$



RSW124

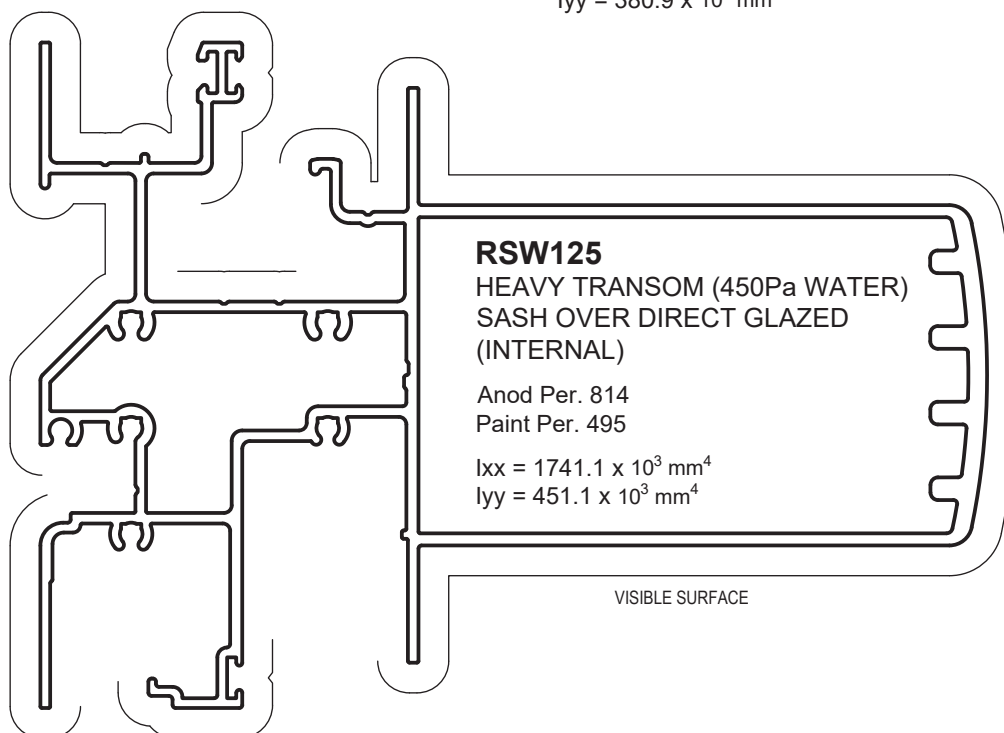
MEDIUM TRANSOM (450Pa WATER)
SASH OVER DIRECT GLAZED
(INTERNAL)

Anod Per. 721

Paint Per. 423

$I_{xx} = 552.6 \times 10^3 \text{ mm}^4$

$I_{yy} = 380.9 \times 10^3 \text{ mm}^4$



RSW125

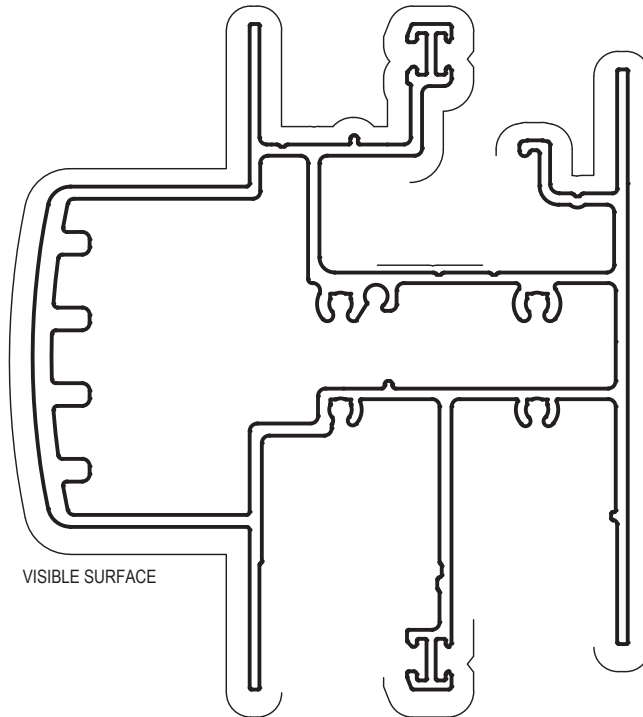
HEAVY TRANSOM (450Pa WATER)
SASH OVER DIRECT GLAZED
(INTERNAL)

Anod Per. 814

Paint Per. 495

$I_{xx} = 1741.1 \times 10^3 \text{ mm}^4$

$I_{yy} = 451.1 \times 10^3 \text{ mm}^4$



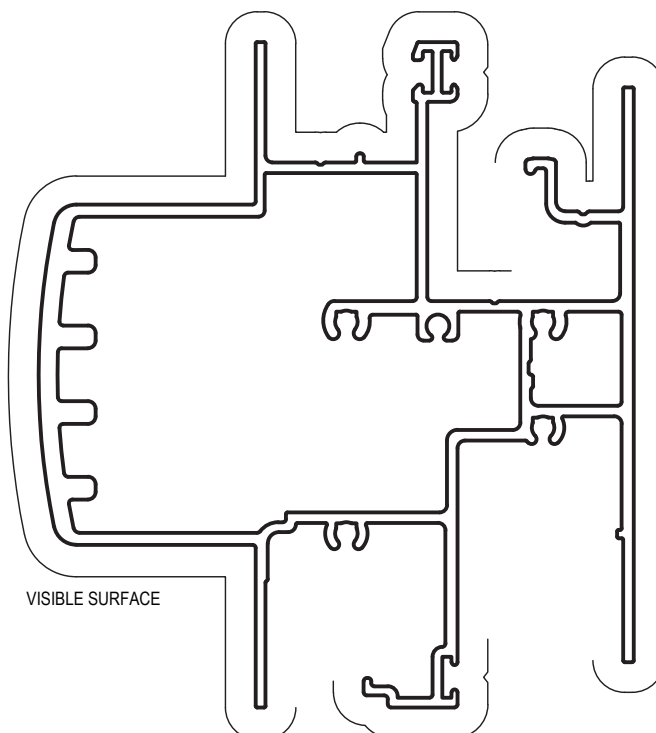
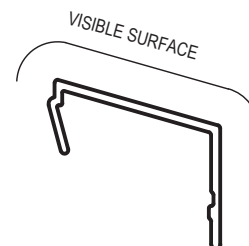
RSW141
MED TRANSOM (300Pa WATER)
SASH OVER SASH GLAZED
(EXTERNAL)

Anod Per. 684
Paint Per. 395

$I_{xx} = 560.8 \times 10^3 \text{ mm}^4$
 $I_{yy} = 362.8 \times 10^3 \text{ mm}^4$

RSW119
TRACK INFILL

Anod Per. 100
Paint Per. 100



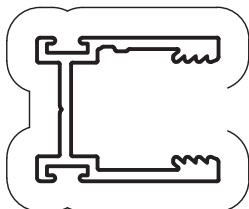
RSW136
MED TRANSOM (300Pa WATER)
SASH OVER DIRECT GLAZED
(EXTERNAL)

Anod Per. 659
Paint Per. 387

$I_{xx} = 553.1 \times 10^3 \text{ mm}^4$
 $I_{yy} = 379.2 \times 10^3 \text{ mm}^4$

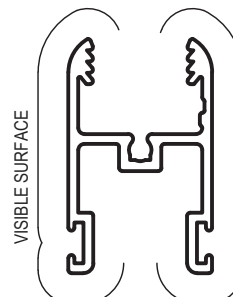
5. Extrusions

VISIBLE SURFACE



RSW104 STILE

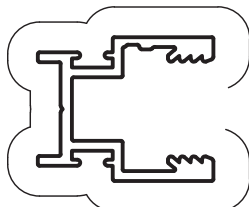
Anod Per. 159
Paint Per. 100



RSW105 RAIL

Anod Per. 206
Paint Per. 146

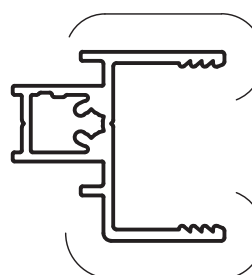
VISIBLE SURFACE



RSW106 JAMB STILE

Anod Per. 158
Paint Per. 100

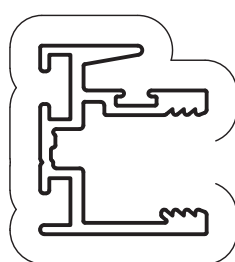
VISIBLE SURFACE



RSW120B DG ADAPTOR

Anod Per. 154
Paint Per. 100

VISIBLE SURFACE

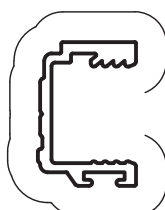


RSW107 SLIDING INTERLOCK

Anod Per. 194
Paint Per. 129

Ixx = $11.1 \times 10^3 \text{ mm}^4$

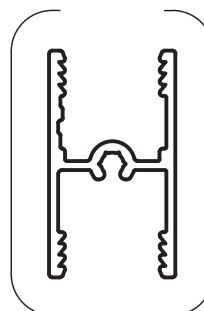
VISIBLE SURFACE



RSW131 FIXED STILE

Anod Per. 100
Paint Per. 100

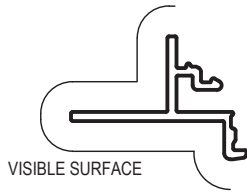
VISIBLE SURFACE



RAW22 30mm MID-RAIL

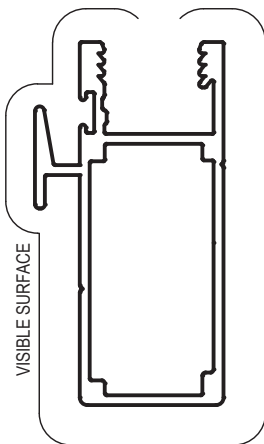
Anod Per. 179
Paint Per. 100

5. Extrusions



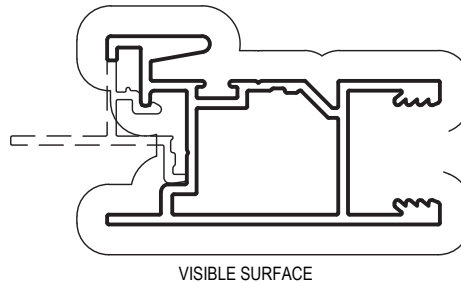
RSW39
SECURITY SCREEN
ADAPTOR

Anod Per. 100
Paint Per. 100



RSW145
48mm WIDE
INTERLOCK STILE

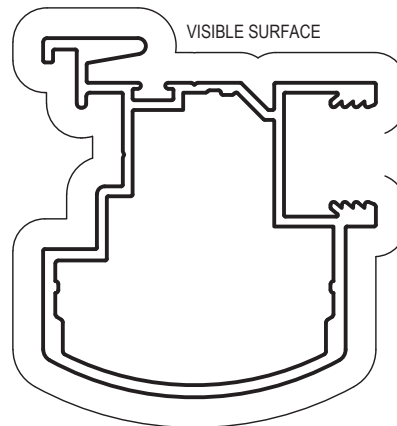
Anod Per. 209
Paint Per. 127



RSW110
STANDARD INTERLOCK

Anod Per. 228
Paint Per. 178

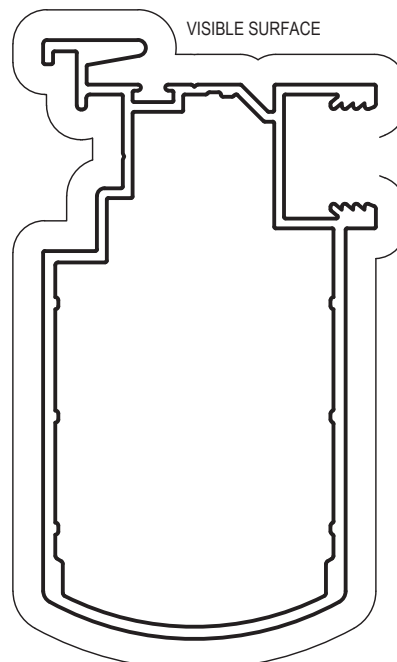
$I_{xx} = 16.7 \times 10^3 \text{ mm}^4$



RSW108
MEDIUM INTERLOCK

Anod Per. 266
Paint Per. 214

$I_{xx} = 78.3 \times 10^3 \text{ mm}^4$



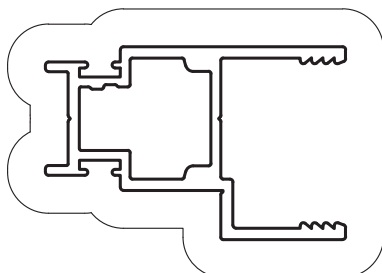
RSW115
HEAVY INTERLOCK

Anod Per. 329
Paint Per. 277

$I_{xx} = 300.4 \times 10^3 \text{ mm}^4$

5. Extrusions

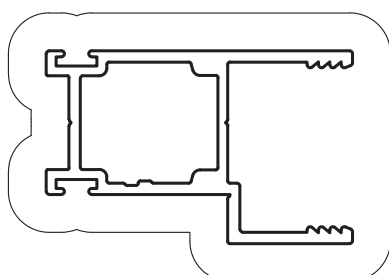
VISIBLE SURFACE



RSW206
DG JAMB STILE

Anod Per. 191
Paint Per. 108

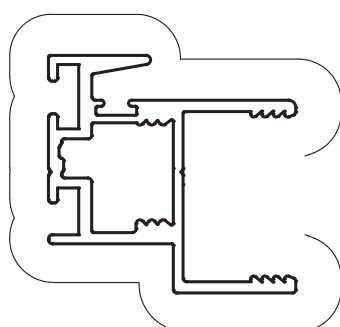
VISIBLE SURFACE



RSW204
DG STILE

Anod Per. 193
Paint Per. 112

VISIBLE SURFACE

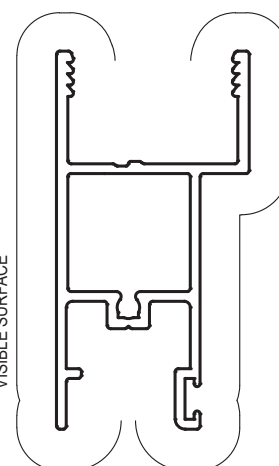


RSW207
DG SLIDING INTERLOCK

Anod Per. 213
Paint Per. 100

Ixx = 22.01 x 10³ mm⁴

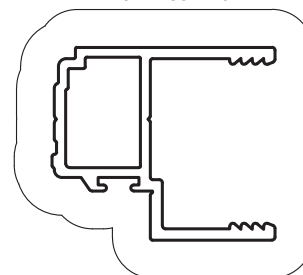
VISIBLE SURFACE



RSW165
DG RAIL

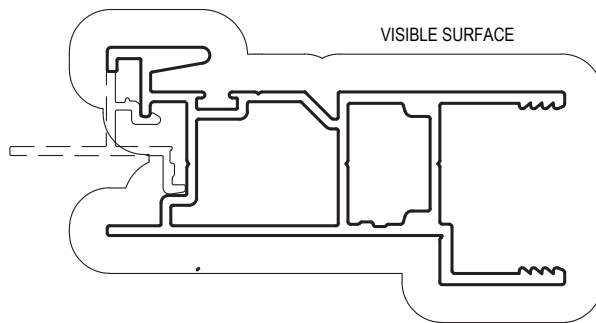
Anod Per. 241
Paint Per. 152

VISIBLE SURFACE



RSW231
DG FIXED STILE

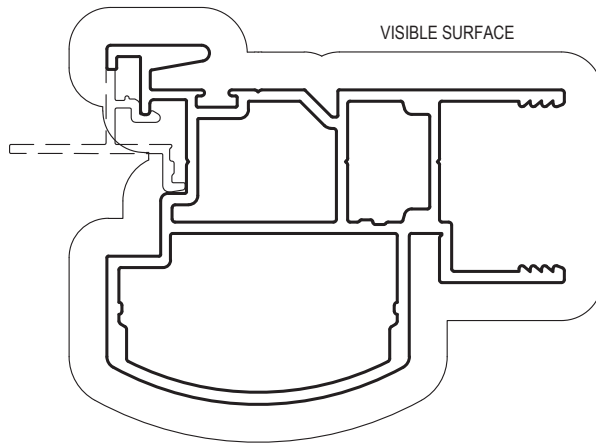
Anod Per. 155
Paint Per. 83



RSW210
DG STANDARD INTERLOCK

Anod Per. 277
Paint Per. 174

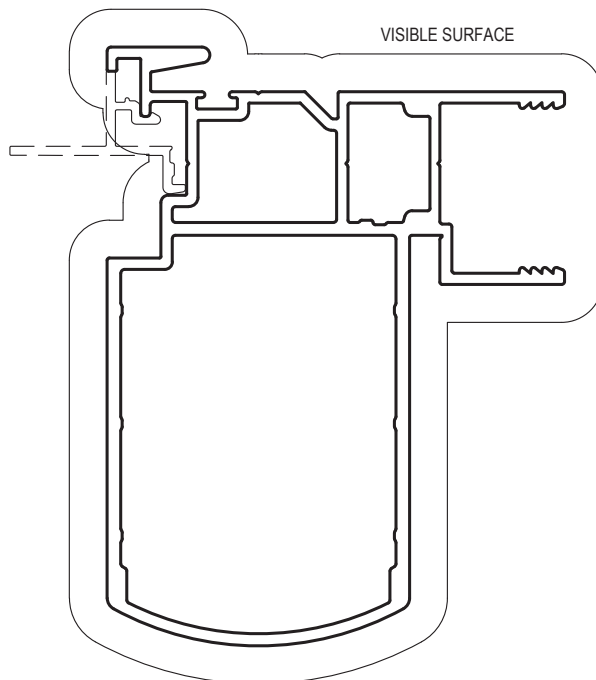
$I_{xx} = 27.66 \times 10^3 \text{ mm}^4$



RSW208
DG MEDIUM INTERLOCK

Anod Per. 313
Paint Per. 198

$I_{xx} = 89.6 \times 10^3 \text{ mm}^4$

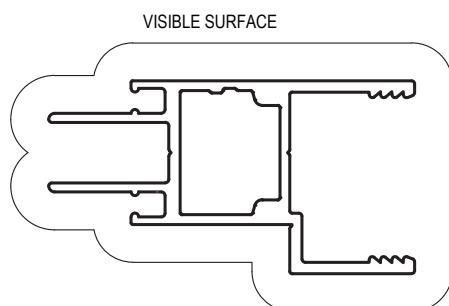


RSW215
DG HEAVY INTERLOCK

Anod Per. 376
Paint Per. 261

$I_{xx} = 344.75 \times 10^3 \text{ mm}^4$

5. Extrusions



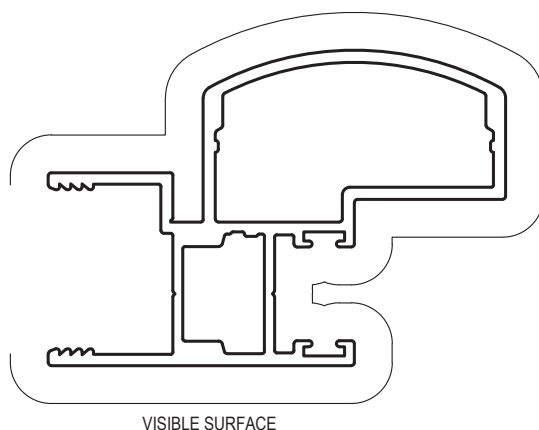
RSW216

DG OXXO MEETING STILE MALE

Anod Per. 238

Paint Per. 129

$I_{xx} = 16.22 \times 10^3 \text{ mm}^4$



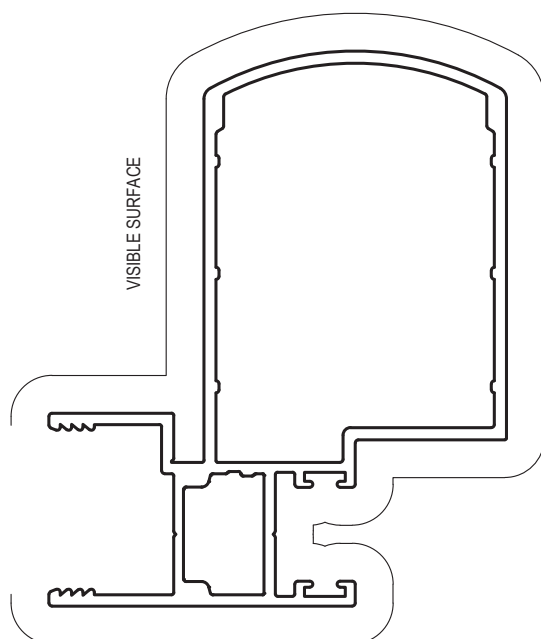
RSW217

DG OXXO MEETING STILE
FEMALE

Anod Per. 289

Paint Per. 192

$I_{xx} = 64.84 \times 10^3 \text{ mm}^4$



RSW218

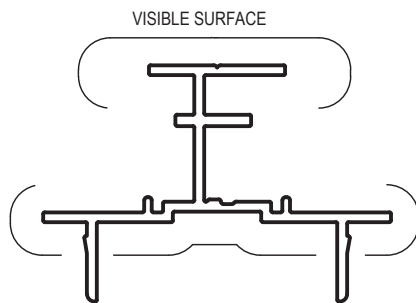
DG OXXO MEETING HEAVY STILE
FEMALE

Anod Per. 355

Paint Per. 255

$I_{xx} = 267.63 \times 10^3 \text{ mm}^4$

5. Extrusions

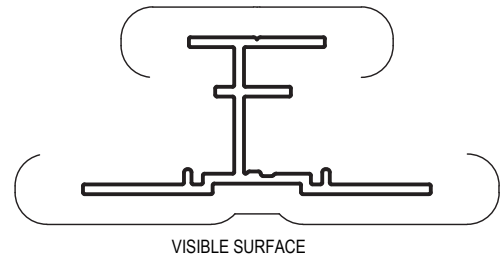


RSW133
FIXED LITE ADAPTOR MULLION

Anod Per. 234
Paint Per. 100

$I_{xx} = 37.5 \times 10 \text{ mm}$
(when coupled to RSW36)

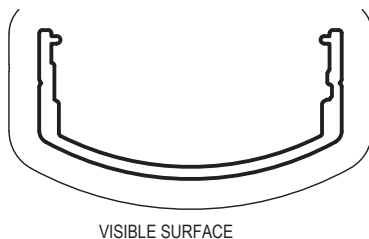
$I_{xx} = 188.8 \times 10^3 \text{ mm}^4$
(when coupled to RSW37)



RSW132
STANDARD FIXED LITE MULLION

Anod Per. 192
Paint Per. 100

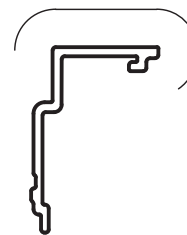
$I_{xx} = 7.7 \times 10^3 \text{ mm}^4$



RSW36
MEDIUM CLIP ON MULLION

Anod Per. 143
Paint Per. 100

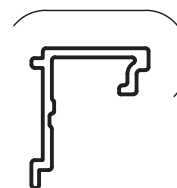
VISIBLE SURFACE



RSW121
FIXED SASH
GLAZING BEAD

Anod Per. 100
Paint Per. 100

VISIBLE SURFACE



RSW23
GLAZING BEAD

Anod Per. 100
Paint Per. 100



RSW37
HEAVY CLIP
ON MULLION

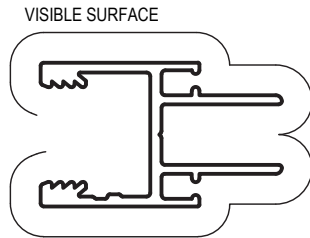
Anod Per. 272
Paint Per. 134



RSW127
DIRECT GLAZE
INFILL

Anod Per. 100
Paint Per. 100

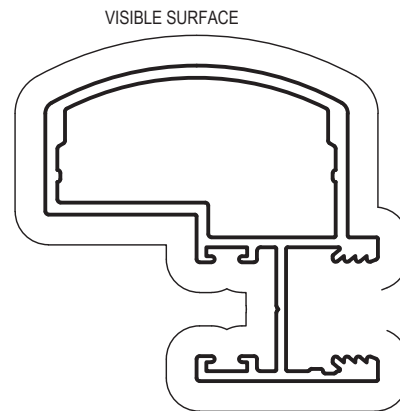
5. Extrusions



RSW116
OXXO MEETING STILE - MALE

Anod Per. 198
Paint Per. 142

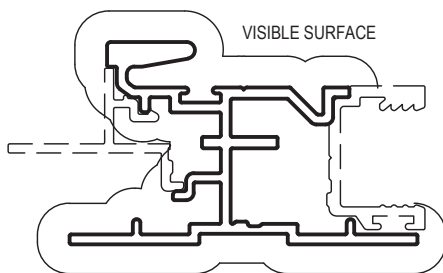
$I_{xx} = 6.5 \times 10^3 \text{ mm}^4$



RSW117
OXXO MEETING STILE - FEMALE

Anod Per. 244
Paint Per. 194

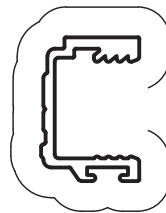
$I_{xx} = 48.4 \times 10^3 \text{ mm}^4$



RSW134
WA STANDARD INTERLOCK
MULLION

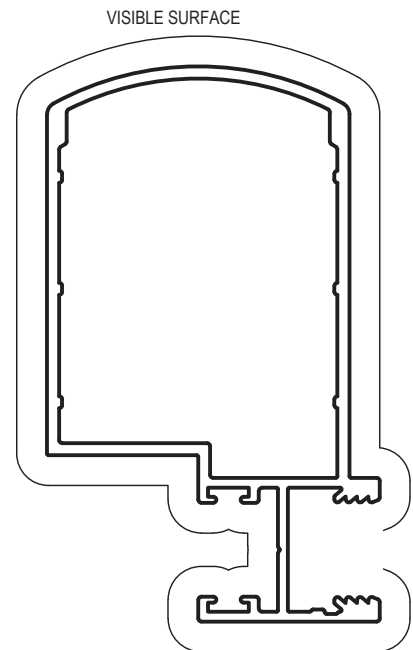
Anod Per. 282
Paint Per. 198

$I_{xx} = 17.7 \times 10^3 \text{ mm}^4$



RSW131
FIXED LITE STILE

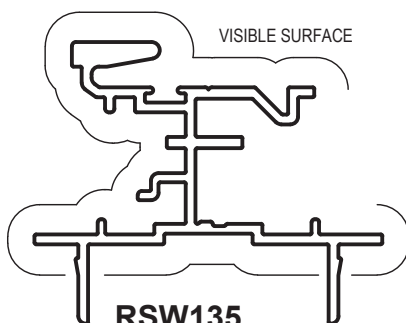
Anod Per. 100
Paint Per. 100



RSW118
OXXO HEAVY MEETING
STILE - FEMALE

Anod Per. 308
Paint Per. 257

$I_{xx} = 219.3 \times 10^3 \text{ mm}^4$

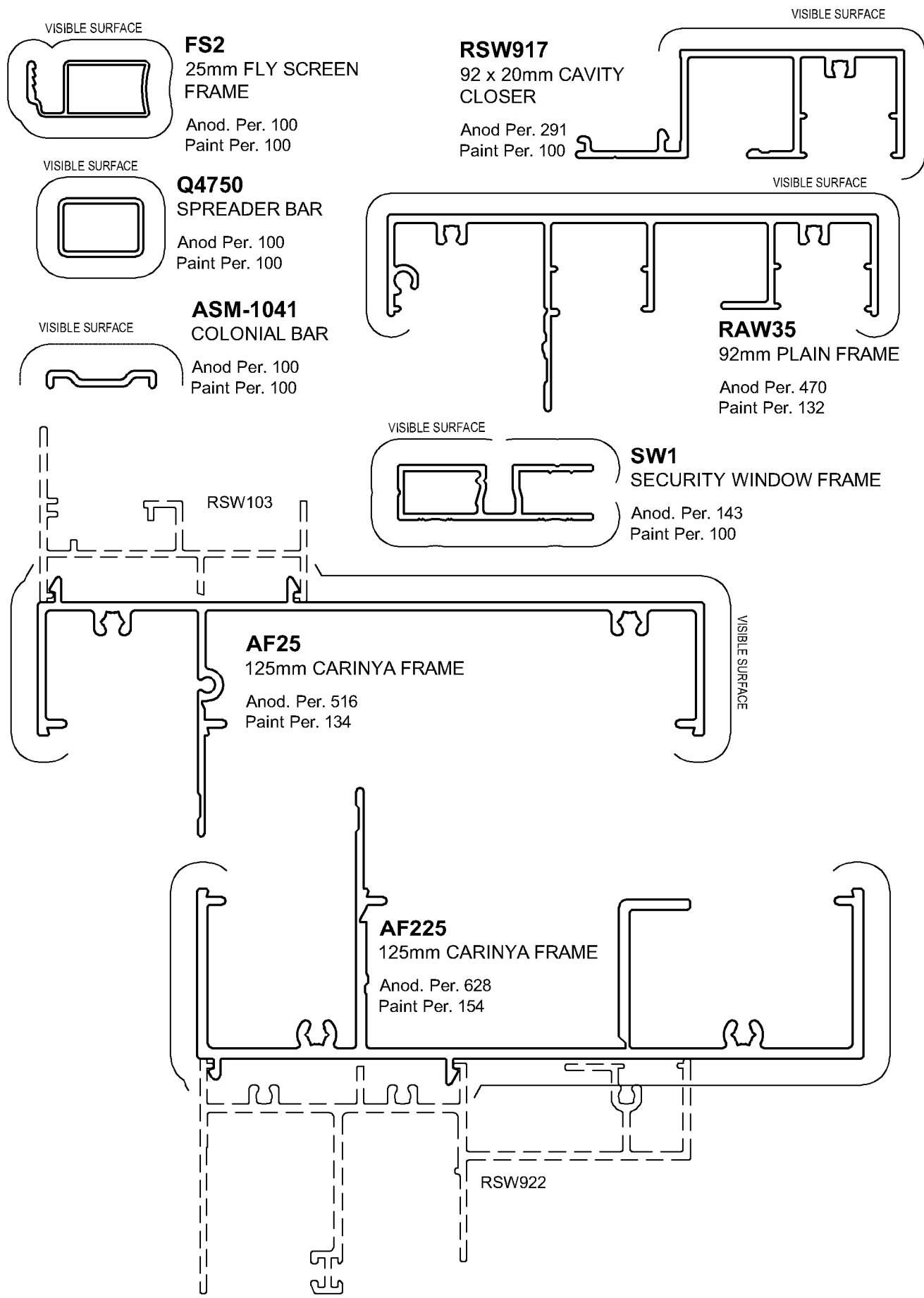


RSW135
WA ADAPTOR INTERLOCK
MULLION

Anod Per. 323
Paint Per. 188

$I_{xx} = 25.5 \times 10^3 \text{ mm}^4$

5. Extrusions



5. Extrusions

RCB1 50mm COUPLER

Anod Per. 124

$I_{xx} = 23.6. \times 10^3 \text{ mm}^4$

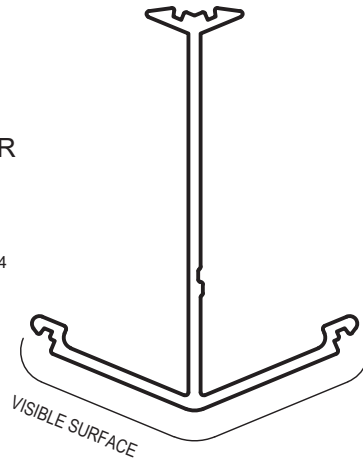


RCB2 135 Deg COUPLER

Anod Per. 232

Paint Per. 100

$I_{xx} = 58.1. \times 10^3 \text{ mm}^4$

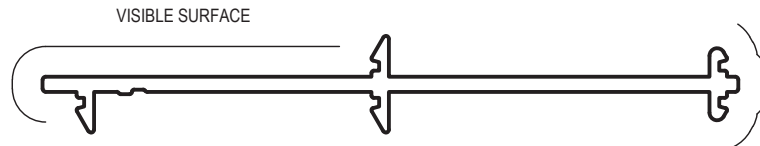


RCB4 135 DEG ADAPTOR

Anod. Per. 237

Paint Per. 100

$I_{xx} = 168. \times 10^3 \text{ mm}^4$

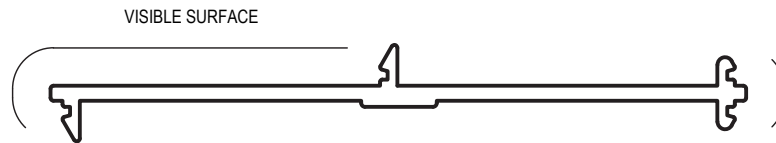


RCB8 50mm - 92mm COUPLER

Anod Per. 226

Paint Per. 100

$I_{xx} = 170.15 \times 10^3 \text{ mm}^4$

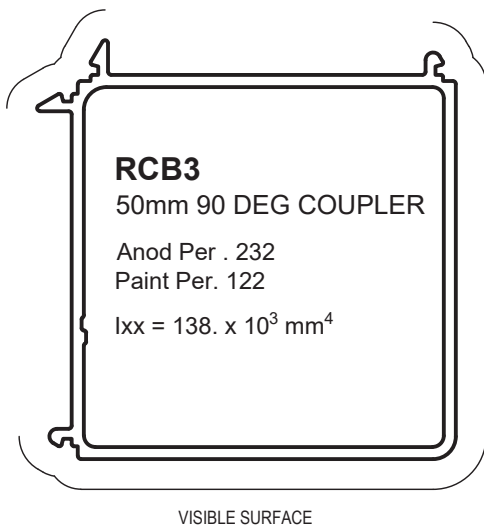


RCB3 50mm 90 DEG COUPLER

Anod Per. 232

Paint Per. 122

$I_{xx} = 138. \times 10^3 \text{ mm}^4$

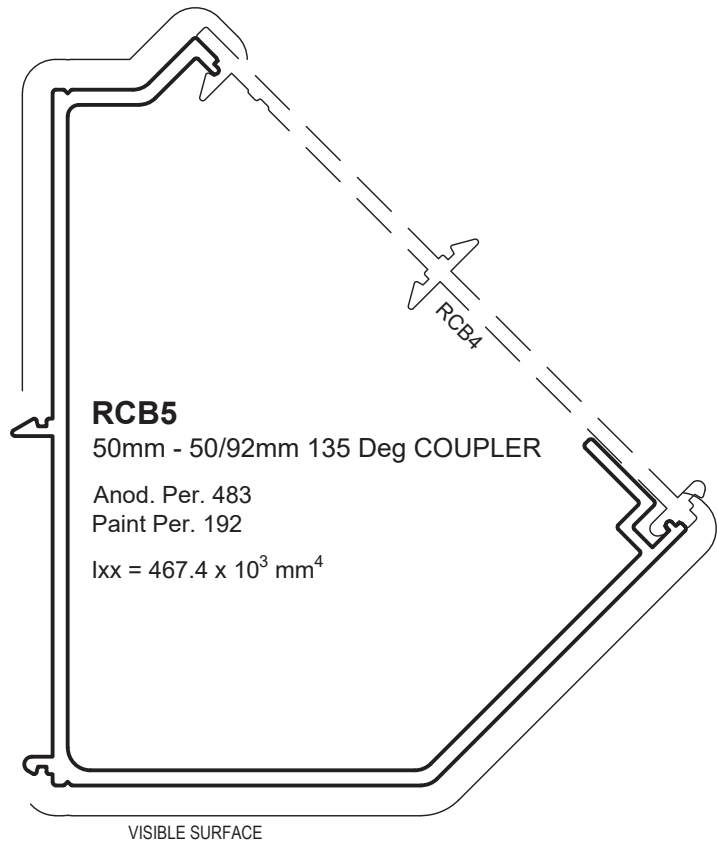


RCB5 50mm - 50/92mm 135 Deg COUPLER

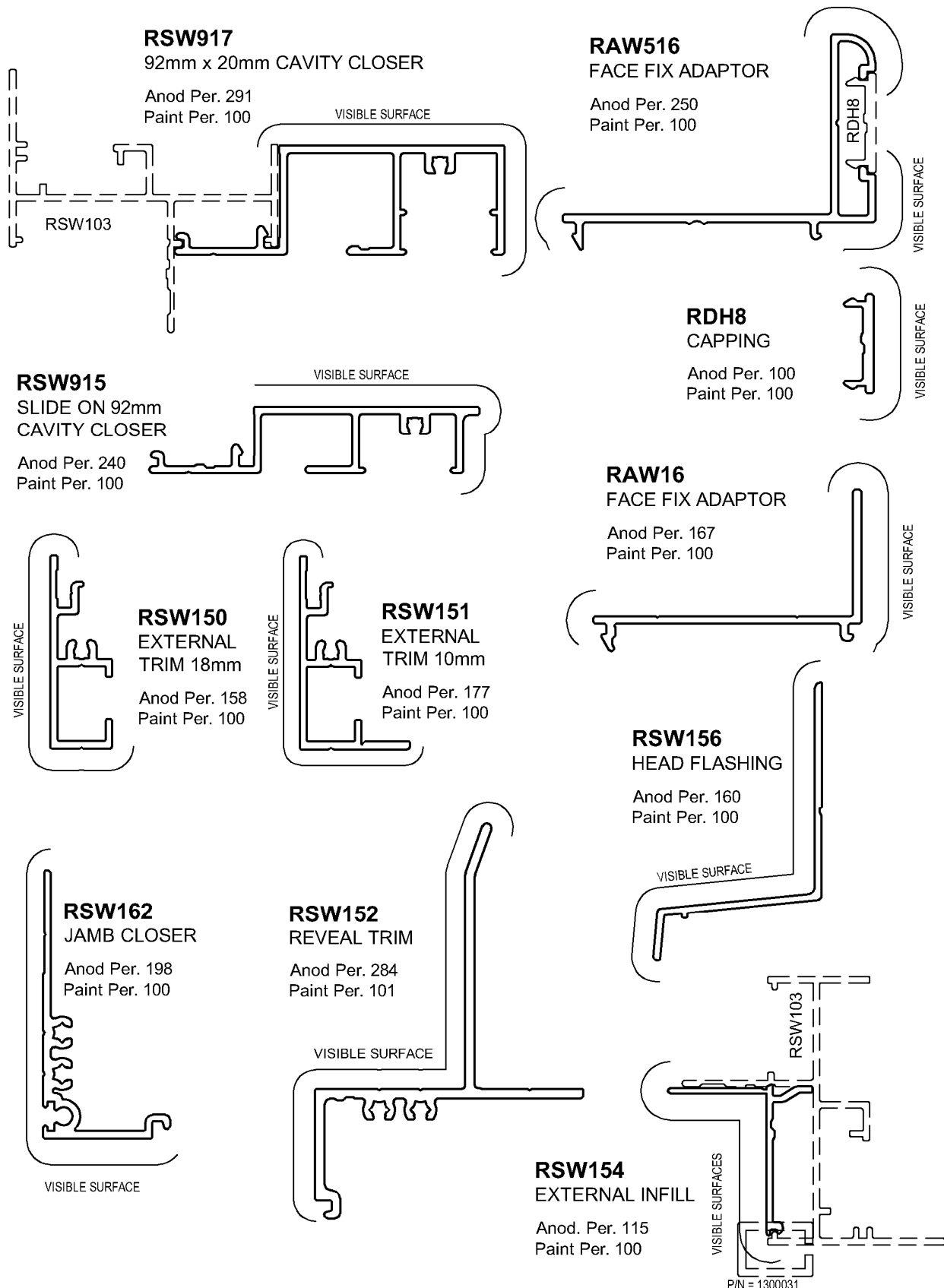
Anod. Per. 483

Paint Per. 192

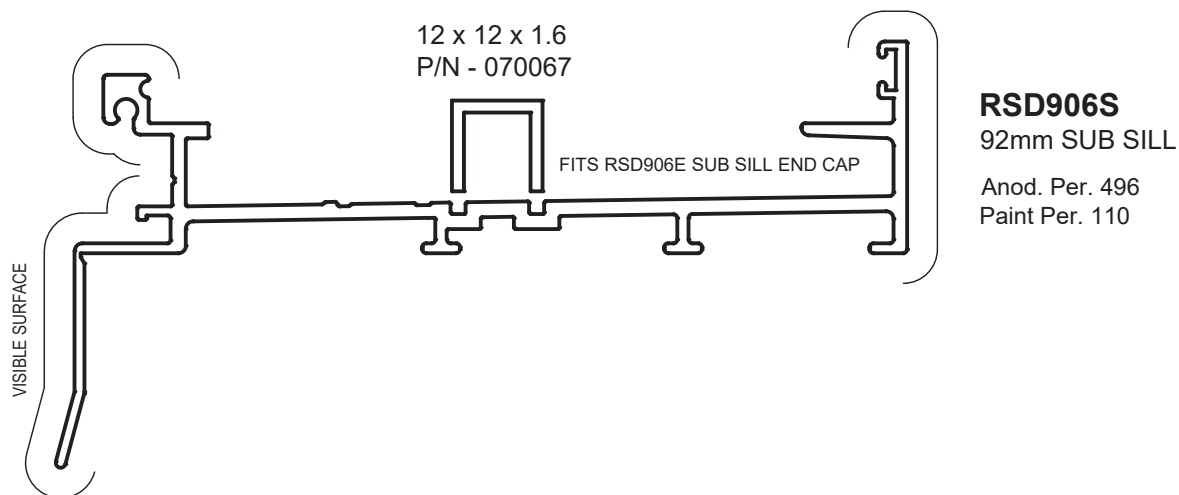
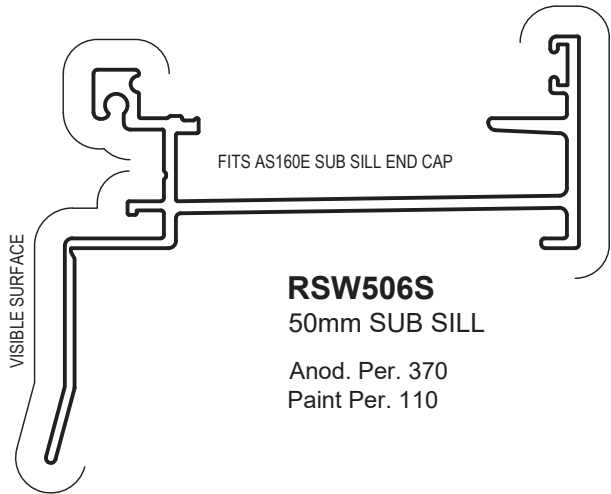
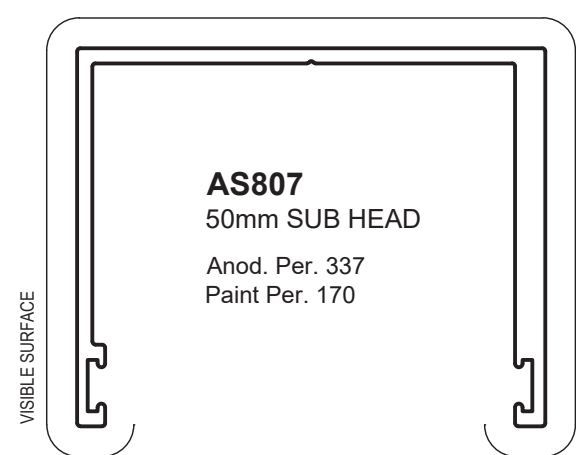
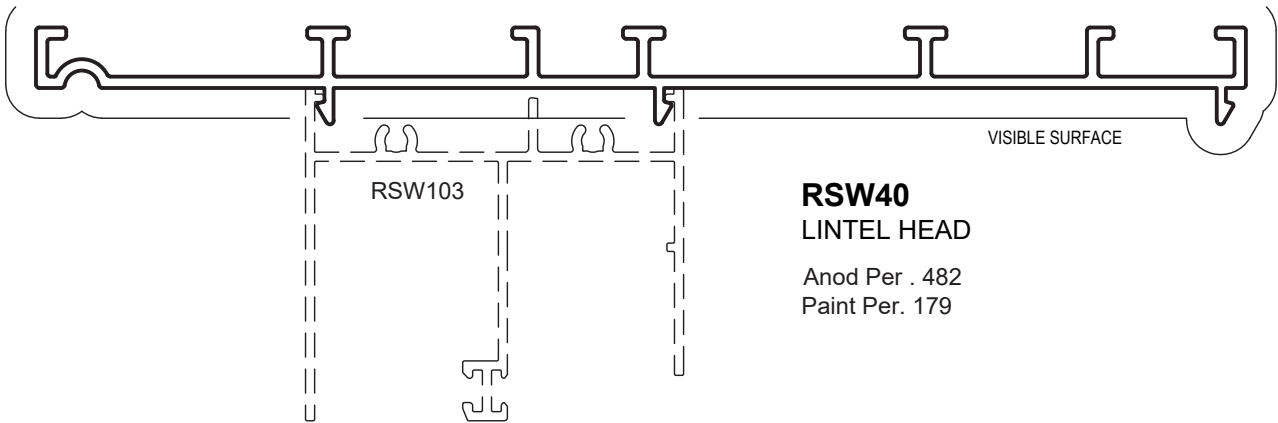
$I_{xx} = 467.4 \times 10^3 \text{ mm}^4$



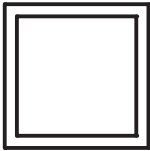
5. Extrusions



5. Extrusions

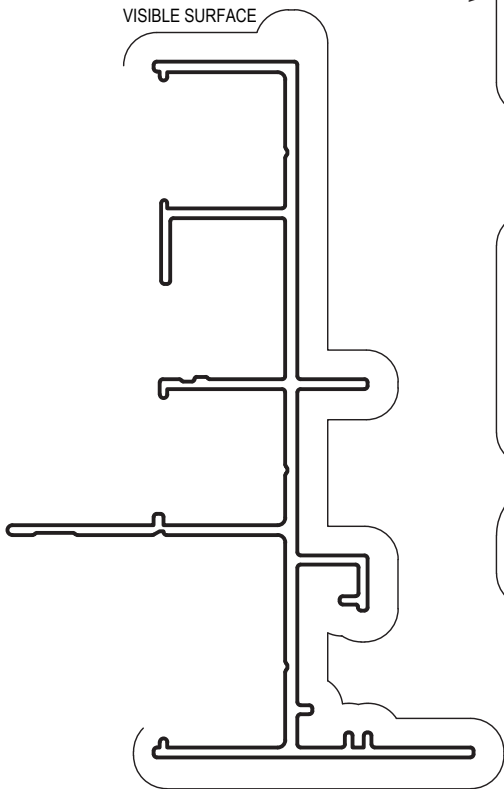


5. Extrusions



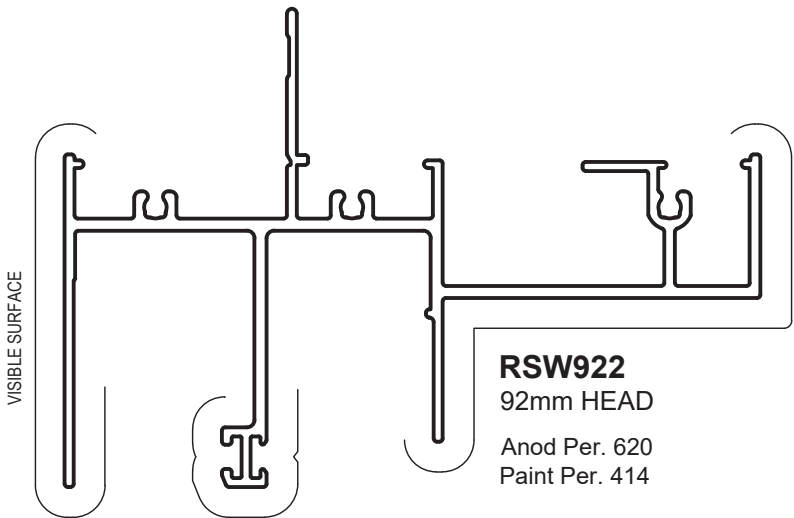
19 x 19 x 1.6
TEMPORARY
MULLION
P/N-125007

Anod Per. 100
Paint Per. 100



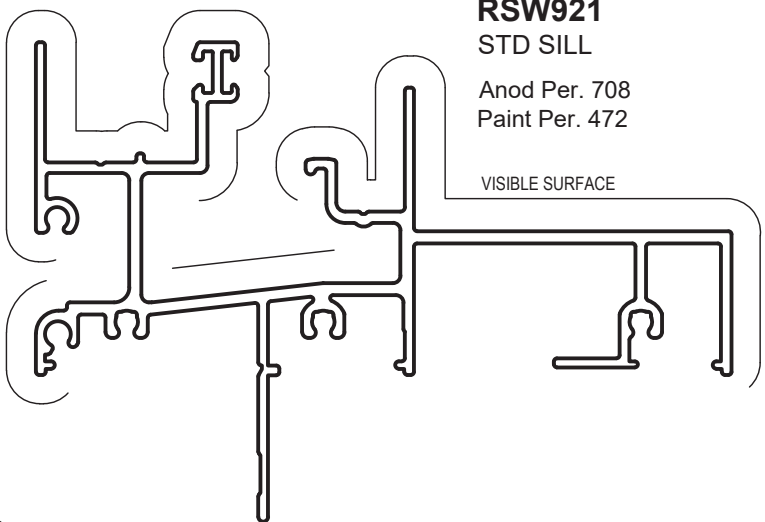
RSW923
92mm JAMB

Anod Per. 530
Paint Per. 354



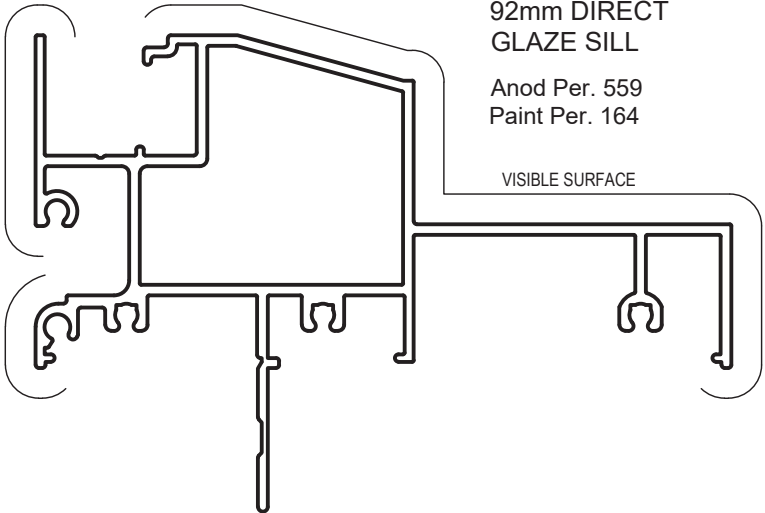
RSW922
92mm HEAD

Anod Per. 620
Paint Per. 414



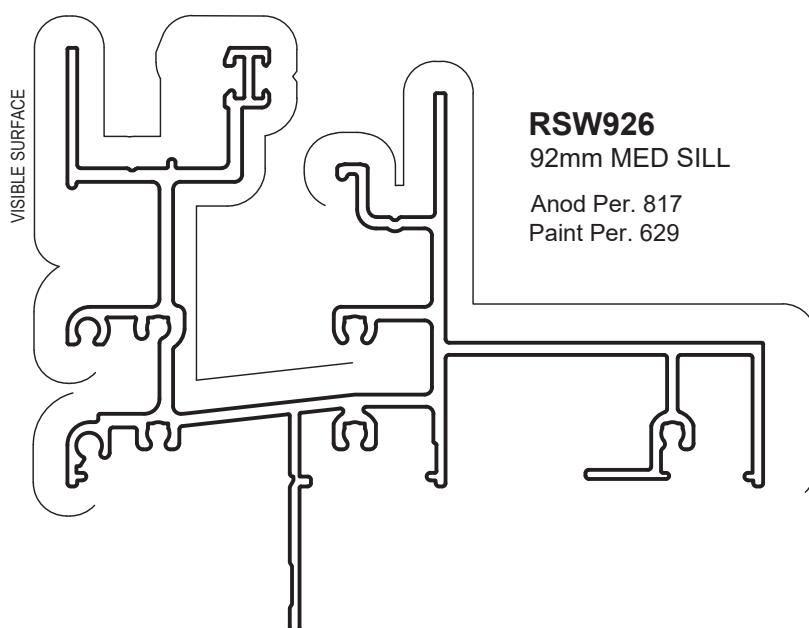
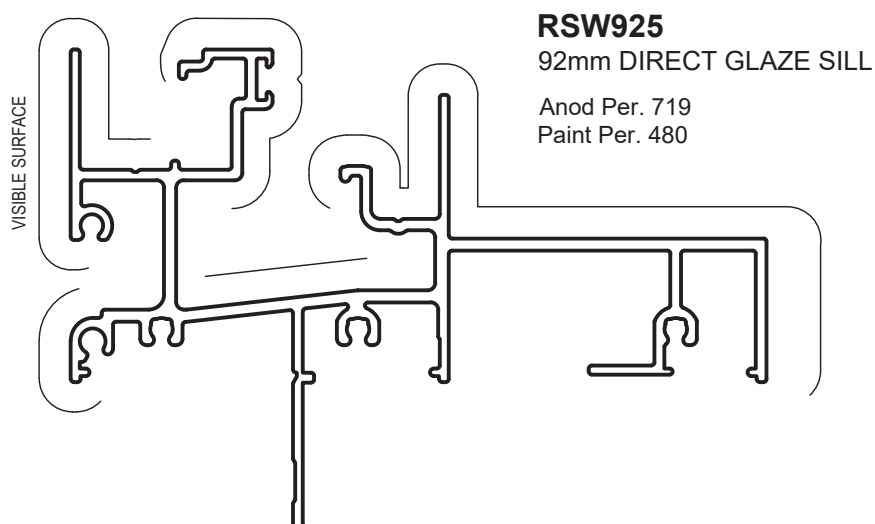
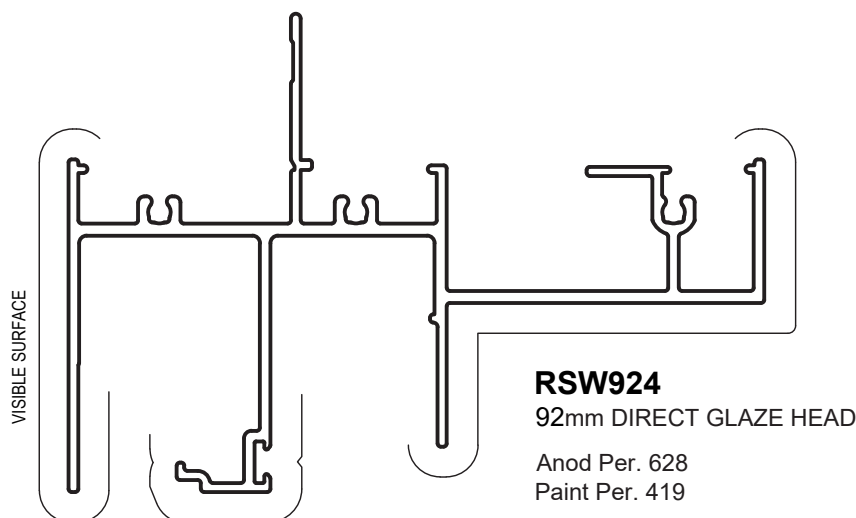
RSW921
STD SILL

Anod Per. 708
Paint Per. 472

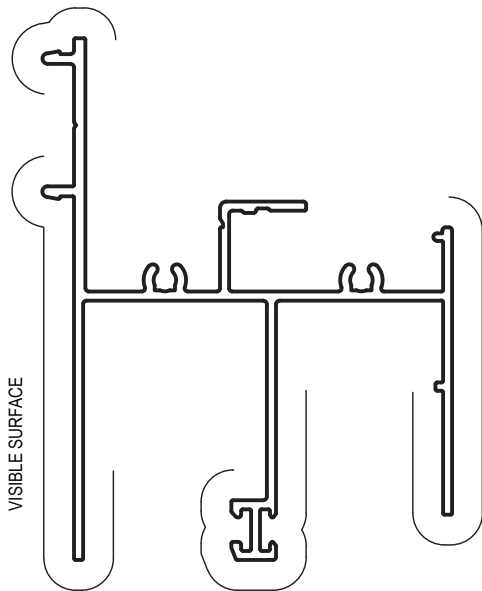


RSW918
92mm DIRECT
GLAZE SILL

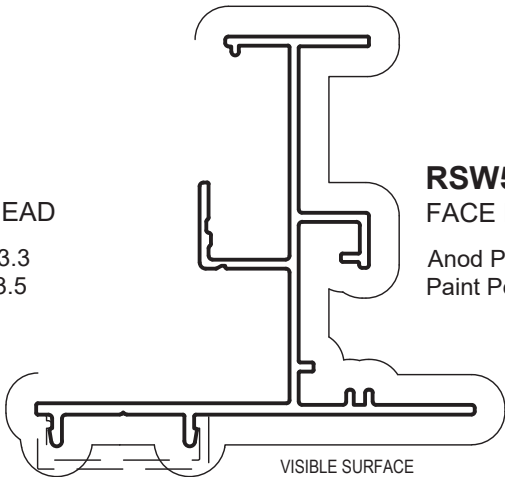
Anod Per. 559
Paint Per. 164



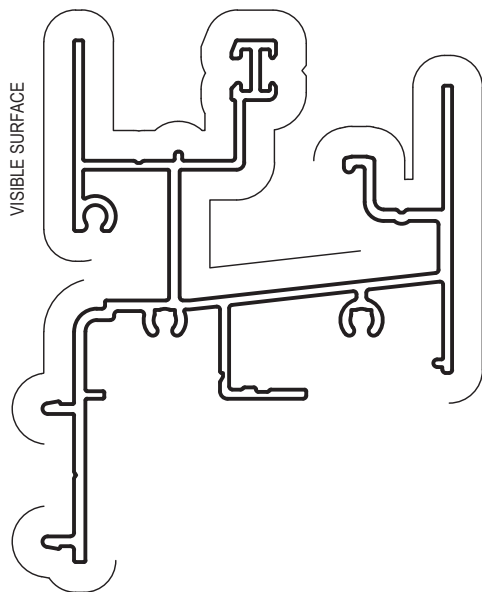
5. Extrusions



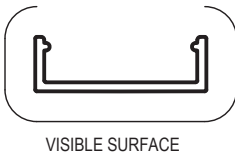
RSW50
FACE FIX HEAD
Anod Per. 493.3
Paint Per. 183.5



RSW52
FACE FIX JAMB
Anod Per. 357
Paint Per. 221

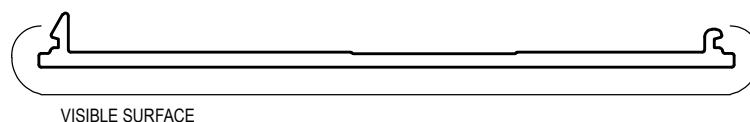
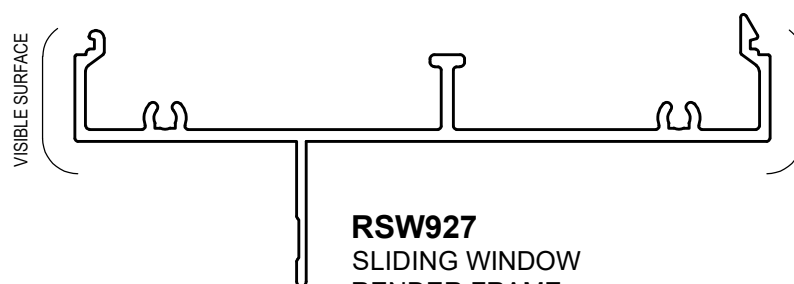
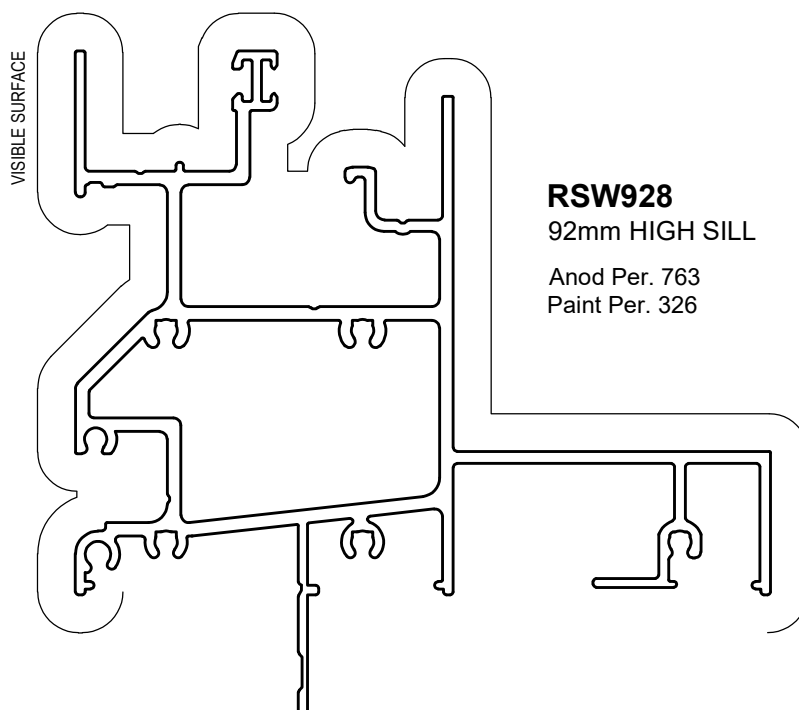


RSW51
FACE FIX SILL
(200Pa WATER)
Anod Per. 579
Paint Per. 280



RSW53
FACE FIX COVER
Anod Per. 100
Paint Per. 100

5. Extrusions



6. Hardware & Components

Glazing Channels

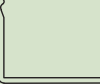
IMAGE	TO SUIT GLASS	MATERIAL	PART #	DESCRIPTION
	4mm	PVC	1376028	GR59 GLAZING CHANNEL (4mm GLASS) x 100m ROLL
	5mm	PVC	1376033	GR60 GLAZING CHANNEL (5mm GLASS) x 100m ROLL
	6-6.38mm	PVC	1376044	GR61 GLAZING CHANNEL (6-6.38mm GLASS) x 100m ROLL
	8-8.38mm	PVC	1376029	GR62 GLAZING CHANNEL (8-8.38mm GLASS) x 100m ROLL
	10-10.38mm	PVC	1376035	GR63 GLAZING CHANNEL (10-10.38mm GLASS) x 100m ROLL
	10.5mm	PVC	1376143	GR70 GLAZING CHANNEL (10.5mm GLASS) x 100m ROLL
	12- 12.5mm	PVC	1313088	GR64 GLAZING CHANNEL (12-12.5mm GLASS) x 40m ROLL
	17.5mm	PVC	1376144	GR71 DG GLAZING CHANNEL (17.5mm GLASS) x 50m ROLL
	18mm	PVC	1376088	GR52 DG GLAZING CHANNEL (18mm GLASS) x 75m ROLL
	18.5mm	PVC	1376141	GR69 DG GLAZING CHANNEL (18.5mm GLASS) x 50m ROLL

IMAGE	TO SUIT GAP	MATERIAL	PART #	DESCRIPTION
	2mm	PVC	1376012	GR2 GLAZING WEDGE (2mm GAP) x 100m ROLL
	3mm	PVC	1313055	GR43 GLAZING WEDGE (BROWN) (3mm GAP) PVC x 200m ROLL
	4mm	PVC	1313056	GR44 GLAZING WEDGE (WHITE) (4mm GAP) PVC x 200m ROLL
	5mm	PVC	1313057	GR45 GLAZING WEDGE (BLUE) (5mm GAP) PVC x 150m ROLL
	6mm	PVC	1313058	GR46 GLAZING WEDGE (YELLOW) (6mm GAP) PVC x 150m ROLL
	7mm	PVC	1313059	GR47 GLAZING WEDGE (RED) (7mm GAP) PVC x 150m ROLL
	8mm	PVC	1313060	GR48 GLAZING WEDGE (ORANGE) (8mm GAP) PVC x 150m ROLL

6. Hardware & Components

Seals

IMAGE	PART #	FINISH	DESCRIPTION
	1377306	BLACK (034)	PBF48-425-2B FINSEAL T-SLOT x 500m
	1377324	BLACK (034)	PBF48-400-2B FINSEAL T-SLOT x 500m
	1377263	BLACK (034)	PB48-400-3P WEATHERSEAL x 650m
	1376312	BLACK (034)	MEETING BULB SEAL FR x 250m
	1376359	BLACK (034)	CE48 CO-EXT BAFFLE (13.5mm HEIGHT) x 500m ROLL
	1376342	BLACK (034)	CE12 CO-EXT BAFFLE (16.5mm HEIGHT) x 250m ROLL
	1313110	BLACK (034)	SILL FLAP x 150m
	1376869	BLACK (034)	WS69 PVC SEAL x 500m
	1376454	BLACK (034)	CE7 CO-EXT BULB SEAL (7mm DIAMETER) x 200m ROLL

Refer to Chapter 11.1 to 11.9 for Assembly Details

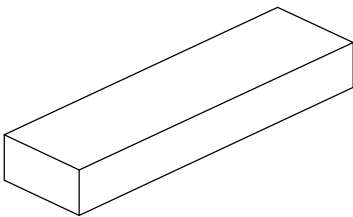
Fasteners

SCREWS			
PART #	HEAD	DESCRIPTION	LOCATION
1382634	SQUARE #1	6g x 1 1/2 (38mm) 304SS SQ #1 PAN S/TAP SCREW x 1000	CORNER SASH ASSEMBLY
1382040	PHILLIPS #2	6g x 1 1/2 (38mm) SS PHILLIPS PAN SELF TAPPING x 500	
1382633	SQUARE #1	6g x 1 (25mm) 304SS SQ #1 PAN S/TAP SCREW x 1000	FRAME FIXINGS/ RSW120B VERTICAL SASH ONLY
1382036	PHILLIPS #2	6g x 1 (25mm) SS PHILLIPS PAN SELF TAPPING x 1000	
1382093	PHILLIPS #2	6g x 3/4 (19mm) 304SS PHIL #2 CSK 4g HEAD x 1000	FIXED SASH TO FRAME
1382006	PHILLIPS #2	6g x 1 (25mm) SS PHILLIPS CSK S/TAP x 200	FIXED SASH ASSEMBLY

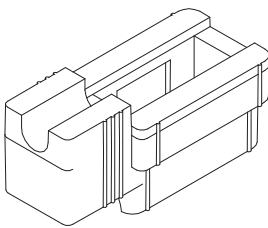
Frame Joint Gaskets

PART #	DESCRIPTION	FINISH	LOCATION
1315087	RSWA27 HEAD / SILL JOINT GASKET x 820 PAIRS PER ROLL	BLACK (034)	REFER TO PG 11.1
1315088	RSWA28 MEDIUM SILL JOINT GASKET x 820 PAIRS PER ROLL	BLACK (034)	
1315089	RSWA29 TRANSOM JOINT GASKET x 820 PAIRS PER ROLL	BLACK (034)	
1385513	TESA 60202 1.6 PVC FOAM 9mm x 45.7m SINGLE SIDED	BLACK (034)	
1315124	RSWA38 HIGH SILL JOINT GASKET x 450 PAIRS PER ROLL	BLACK (034)	

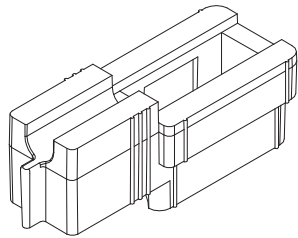
Accessories



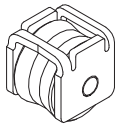
SETTING BLOCK 10 x 6 x 75mm BAG OF 100	
PART	1376775
FINISH	BLACK (034)
QTY	BAG



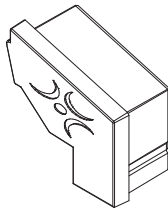
RSWA23 SLIDING WINDOW CARRIAGE	
PART	1315018
FINISH	BLACK (034)
QTY	EACH



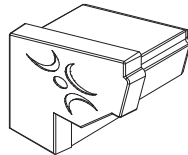
RSWA33 EXTENDED SW CARRIAGE	
PART	1315017
FINISH	GREY (036)
QTY	EACH



VMA3 MAGI-TRACK ROLLER ASSEMBLY	
PART	1378035
FINISH	NOT SPECIFIED (099)
QTY	EACH



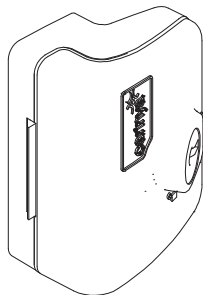
RSWA31 RH END CAP	
PART	1315027
FINISH	BLACK (034)
QTY	EACH



RSWA32 LH END CAP	
PART	1315029
FINISH	BLACK (034)
QTY	EACH

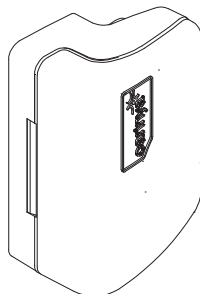
6. Hardware & Components

Accessories



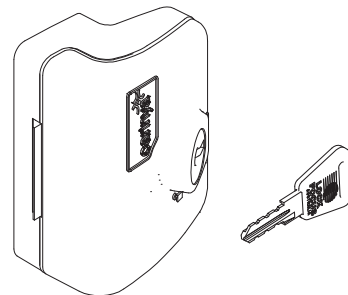
RSWA16 LOCKABLE HANDLE C4 (NO KEY)

PART	1315008
FINISH	BLACK (034)
QTY	EACH



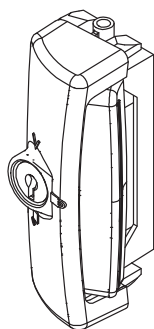
RSWA17 NON LOCKABLE HANDLE

PART	1315009
FINISH	BLACK (034)
QTY	EACH



RSWA30 LOCKABLE HANDLE WITH KEY

PART	1315030
FINISH	B (034), PWG(010), G (036)
QTY	EACH



VMAxxx VENTLOCK KIT

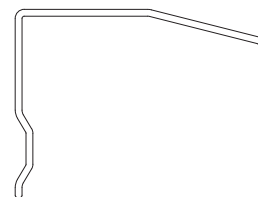
PART	137xxxx
FINISH	BLACK (034)
QTY	KIT



Key alike to RSWA30

VMA27 VENT LOCK or VMA29 VENT LOCK NON SPRING

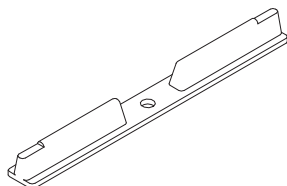
PART	1378126 or 1378138
FINISH	BLACK (034)
QTY	EACH



Refer to Pg 11.2 for application

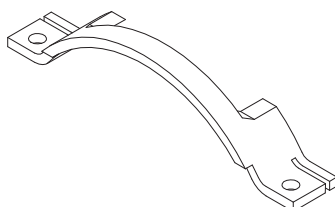
RSWA21 SILL COVER x 3.6m

PART	1315024
FINISH	GREY (036)
QTY	EACH



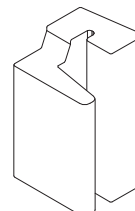
RSWA9 OXXO SKID BLOCK

PART	1315001
FINISH	BLACK (034)
QTY	EACH



RSWA26 FLYSCREEN TENSION CLIP

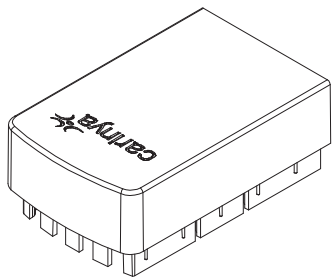
PART	1315023
FINISH	PWG(010), G(034), T(055)
QTY	EACH



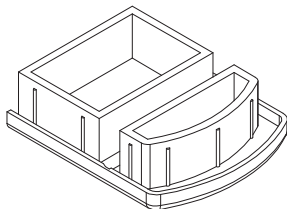
RSWA25 FIXED PANEL CAVITY FILLER

PART	1315022
FINISH	BLACK (034)
QTY	EACH

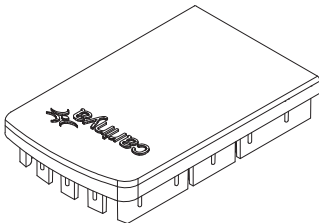
Accessories



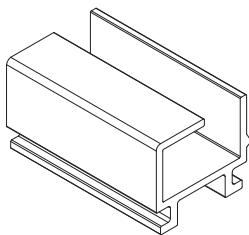
RSWA19 FLUSH TRANSOM END CAP x 1	
PART	1315012
FINISH	BLACK (034)
QTY	EACH



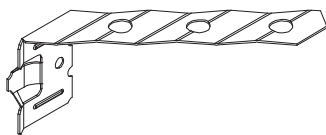
VMA26 MULLION END CAP	
PART	1378125
FINISH	BLACK (034)
QTY	EACH



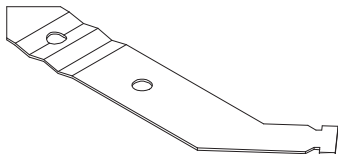
RSWA20 TRANSOM END CAP	
PART	1315028
FINISH	BLACK (034)
QTY	EACH



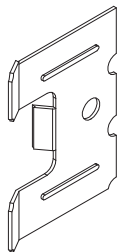
RSWA24 ANTI LIFT BLOCK	
PART	1315021
FINISH	BLACK (034)
QTY	EACH



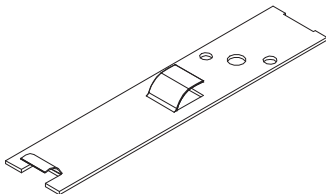
BRICK LUG (NAIL FIN TYPE) D21	
PART	1315101
FINISH	GALVANISED STEEL (099)
QTY	EACH



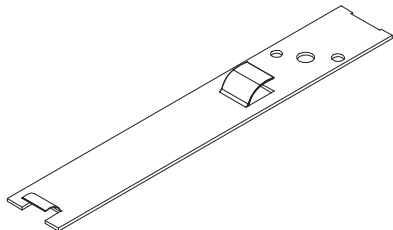
BRICK LUG (TWIST IN TYPE) M185-6	
PART	1315100
FINISH	GALVANISED STEEL (099)
QTY	EACH



FIXING LUG (FIN EXTENSION 10mm)	
PART	1315104
FINISH	GALVANISED STEEL (099)
QTY	EACH



FIXING LUG 50mm FRAME AP048	
PART	1315102
FINISH	GALVANISED STEEL (099)
QTY	EACH



FIXING LUG 92mm FRAME AP090	
PART	1315103
FINISH	GALVANISED STEEL (099)
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

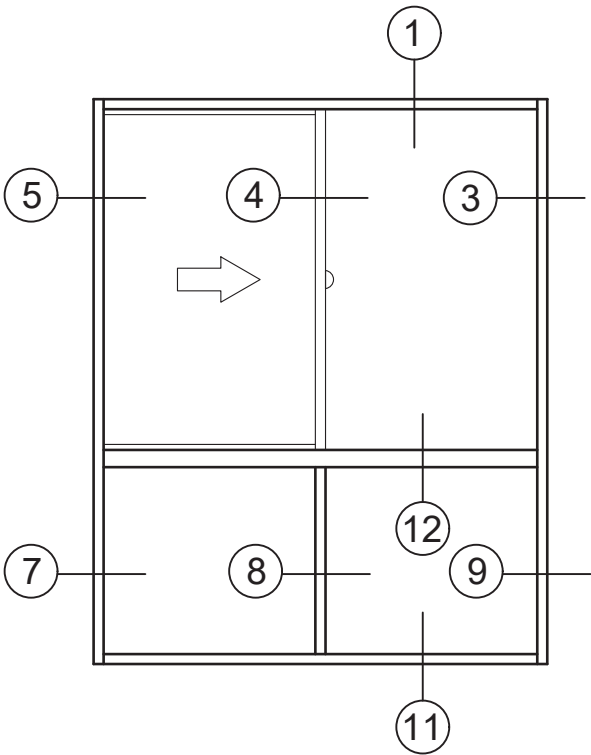
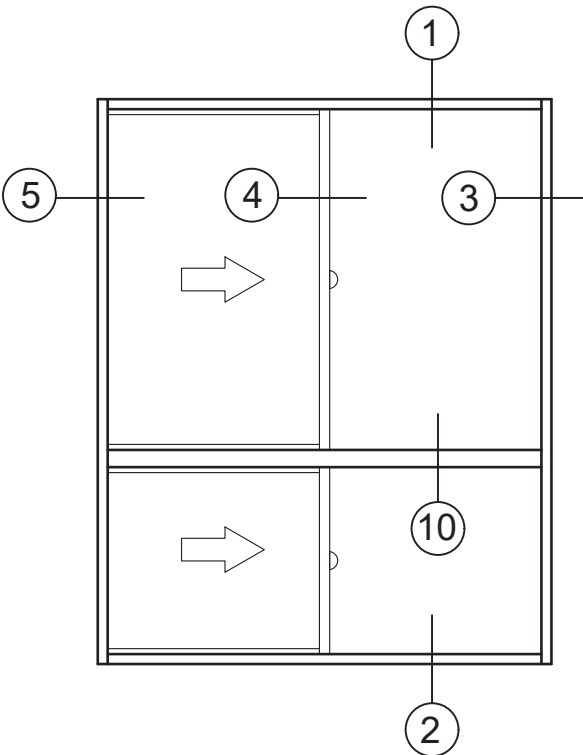
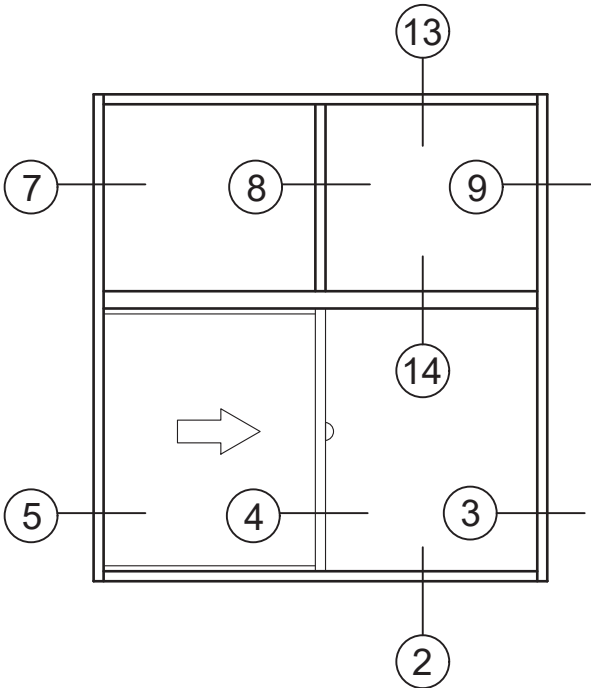
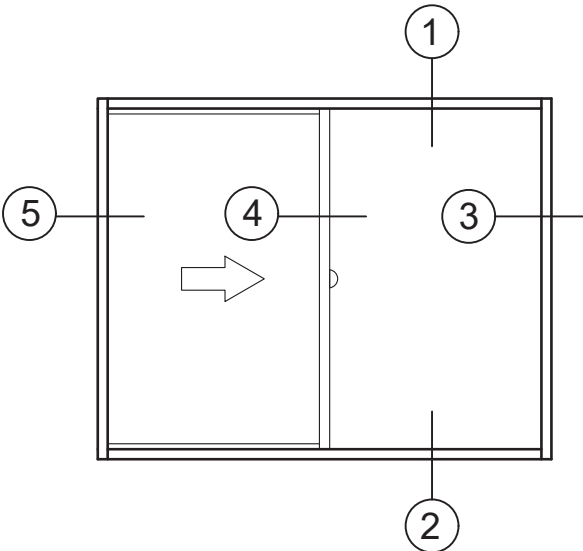
*For more information on silicones,
please refer to Alspec Silicone Brochure.

6. Hardware & Components

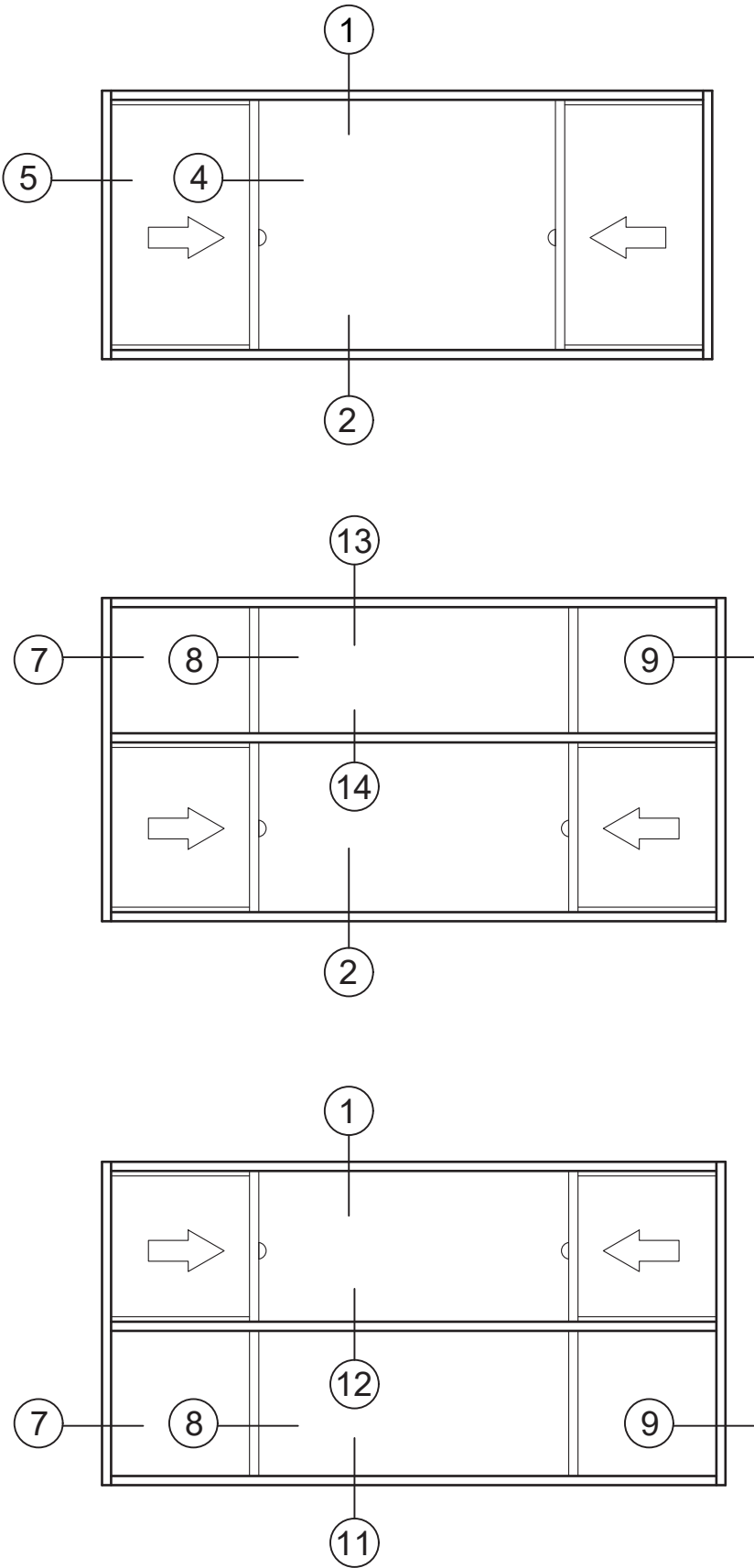
Silicone Product Codes

Product Category	Item No.	Alspec Part No. Code	Description	Finish	Pack
ALSPEC 100%	1	1386113	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	ALMOND IVORY	CARTRIDGE
	2	1386114	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	ALUMINIUM	CARTRIDGE
	3	1386105	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	BLACK	CARTRIDGE
	4	1386140	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	CAULFIELD GREEN	CARTRIDGE
	5	1386111	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	CLASSIC CREAM	CARTRIDGE
	6	1386108	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	GREY	CARTRIDGE
	7	1386138	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	MONUMENT	CARTRIDGE
	8	1386112	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	OFF WHITE	CARTRIDGE
	9	1386141	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	STONE BEIGE	CARTRIDGE
	10	1386101	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	TRANSLUCENT	CARTRIDGE
	11	1386106	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	WHITE	CARTRIDGE
	12	1386143	ALSPEC 100% NEUTRAL CURE SILICONE x 310g CAT	WOODLAND GREY	CARTRIDGE
ALSPEC 100% MATT	13	1386103	ALSPEC 100% NEUTRAL CURE SILICONE x 420g CAT	BLACK MATT	CARTRIDGE
	14	1386107	ALSPEC 100% NEUTRAL CURE SILICONE x 420g CAT	GREY MATT	CARTRIDGE
	15	1386144	ALSPEC 100% NEUTRAL CURE SILICONE x 420g CAT	WHITE MATT	CARTRIDGE
ALSPEC 20	16	1386115	ALSPEC 20 SILICONE x 310g CAT	TRANSLUCENT	CARTRIDGE
ALSPEC 41 CLADDING	17	1386159	ALSPEC 41 SILICONE x 400g CAT	BLACK MATT	CARTRIDGE
	18	1386117	ALSPEC 41 SILICONE x 600ml SAU	BLACK MATT	SAUSAGE
	19	1386158	ALSPEC 41 SILICONE x 400g CAT	LIGHT GREY MATT	CARTRIDGE
	20	1386118	ALSPEC 41 SILICONE x 600ml SAU	LIGHT GREY MATT	SAUSAGE
	21	1386157	ALSPEC 41 SILICONE x 400g CAT	WHITE MATT	CARTRIDGE
	22	1386145	ALSPEC 41 SILICONE x 600ml SAU	WHITE MATT	SAUSAGE
ALSPEC D60	23	1386121	ALSPEC D60 SILICONE x 310g CAT	BLACK	CARTRIDGE
	25	1386123	ALSPEC D60 SILICONE x 310g CAT	GREY	CARTRIDGE
	26	1386120	ALSPEC D60 SILICONE x 310g CAT	TRANSLUCENT	CARTRIDGE
	27	1386124	ALSPEC D60 SILICONE x 310g CAT	WHITE	CARTRIDGE
ALSPEC HYBRID PU	28	1386127	ALSPEC HYBRID PU x 480g CAT	BLACK	CARTRIDGE
	29	1386126	ALSPEC HYBRID PU x 600ml SAU	BLACK	SAUSAGE
	30	1386160	ALSPEC HYBRID PU x 480g CAT	GREY	CARTRIDGE
	31	1386128	ALSPEC HYBRID PU x 600ml SAU	GREY	SAUSAGE
	32	1386130	ALSPEC HYBRID PU x 480g CAT	WHITE	CARTRIDGE
	33	1386129	ALSPEC HYBRID PU x 600ml SAU	WHITE	SAUSAGE
ALSPEC WET AREA	34	1386137	ALSPEC WET AREA SILICONE x 310g CAT	ALMOND IVORY	CARTRIDGE
	35	1386139	ALSPEC WET AREA SILICONE x 310g CAT	BLACK	CARTRIDGE
	36	1386146	ALSPEC WET AREA SILICONE x 310g CAT	BLUESTONE	CARTRIDGE
	37	1386147	ALSPEC WET AREA SILICONE x 310g CAT	CHARCOAL	CARTRIDGE
	38	1386136	ALSPEC WET AREA SILICONE x 310g CAT	LIGHT GREY	CARTRIDGE
	39	1386148	ALSPEC WET AREA SILICONE x 310g CAT	MID GREY	CARTRIDGE
	40	1386149	ALSPEC WET AREA SILICONE x 310g CAT	OFF WHITE	CARTRIDGE
	41	1386150	ALSPEC WET AREA SILICONE x 310g CAT	PEWTER	CARTRIDGE
	42	1386151	ALSPEC WET AREA SILICONE x 310g CAT	STONE BEIGE	CARTRIDGE
	43	1386154	ALSPEC WET AREA SILICONE x 310g CAT	TAUPE	CARTRIDGE
	44	1386152	ALSPEC WET AREA SILICONE x 310g CAT	TILE GREY	CARTRIDGE
	45	1386133	ALSPEC WET AREA SILICONE x 310g CAT	TRANSLUCENT	CARTRIDGE
	46	1386153	ALSPEC WET AREA SILICONE x 310g CAT	TRAVERTINE	CARTRIDGE
	47	1386134	ALSPEC WET AREA SILICONE x 310g CAT	WHITE	CARTRIDGE

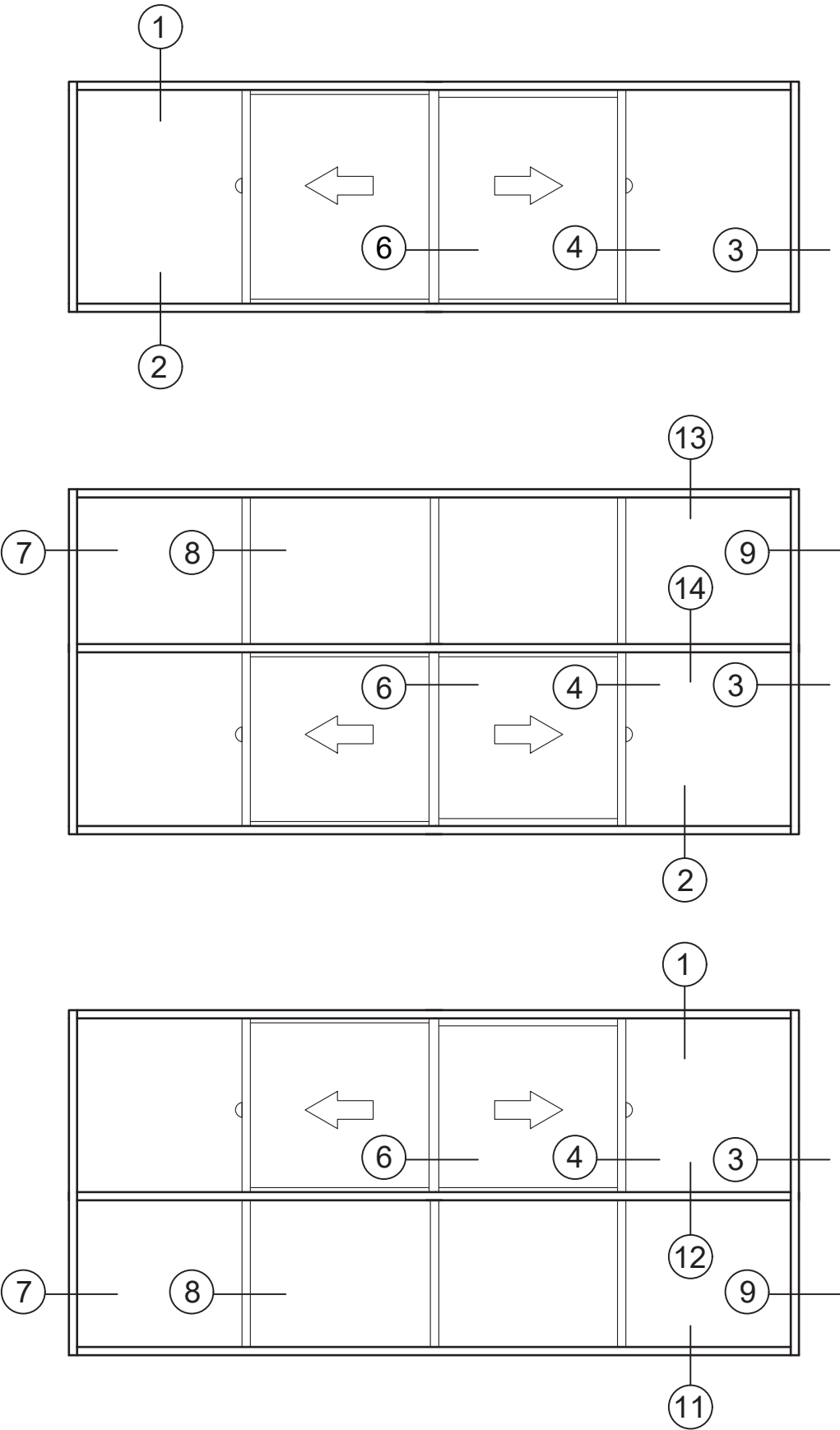
7. Typical Elevation



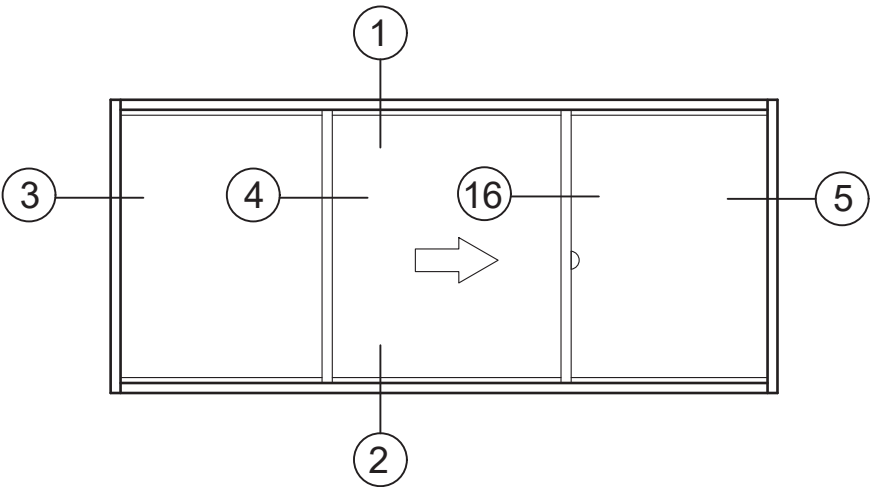
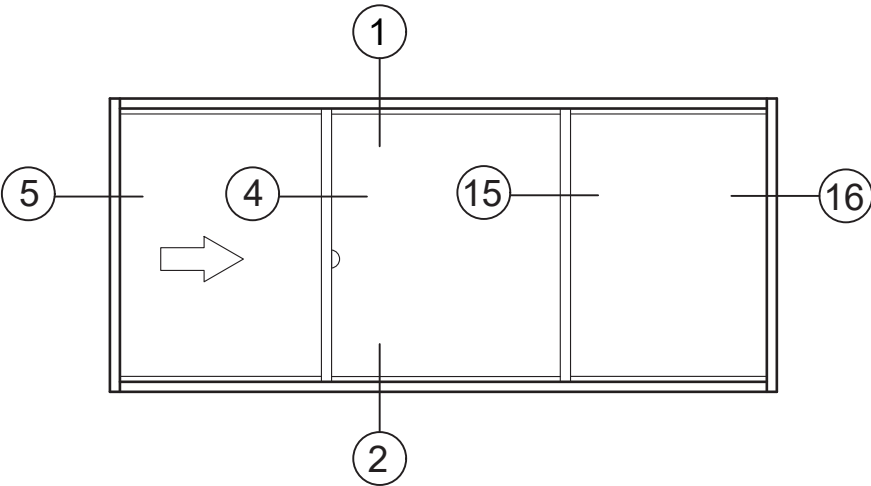
7. Typical Elevation



7. Typical Elevation

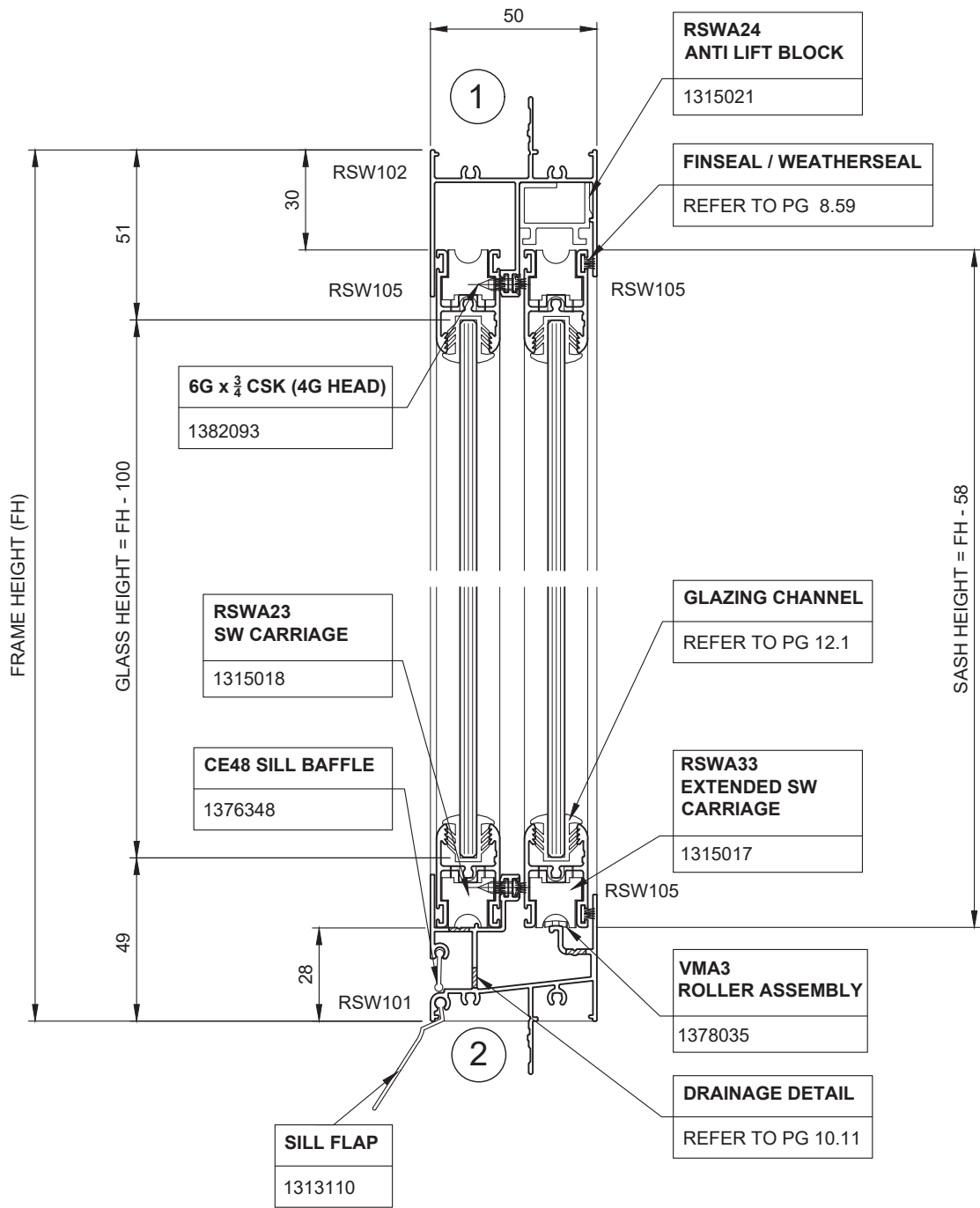


7. Typical Elevation



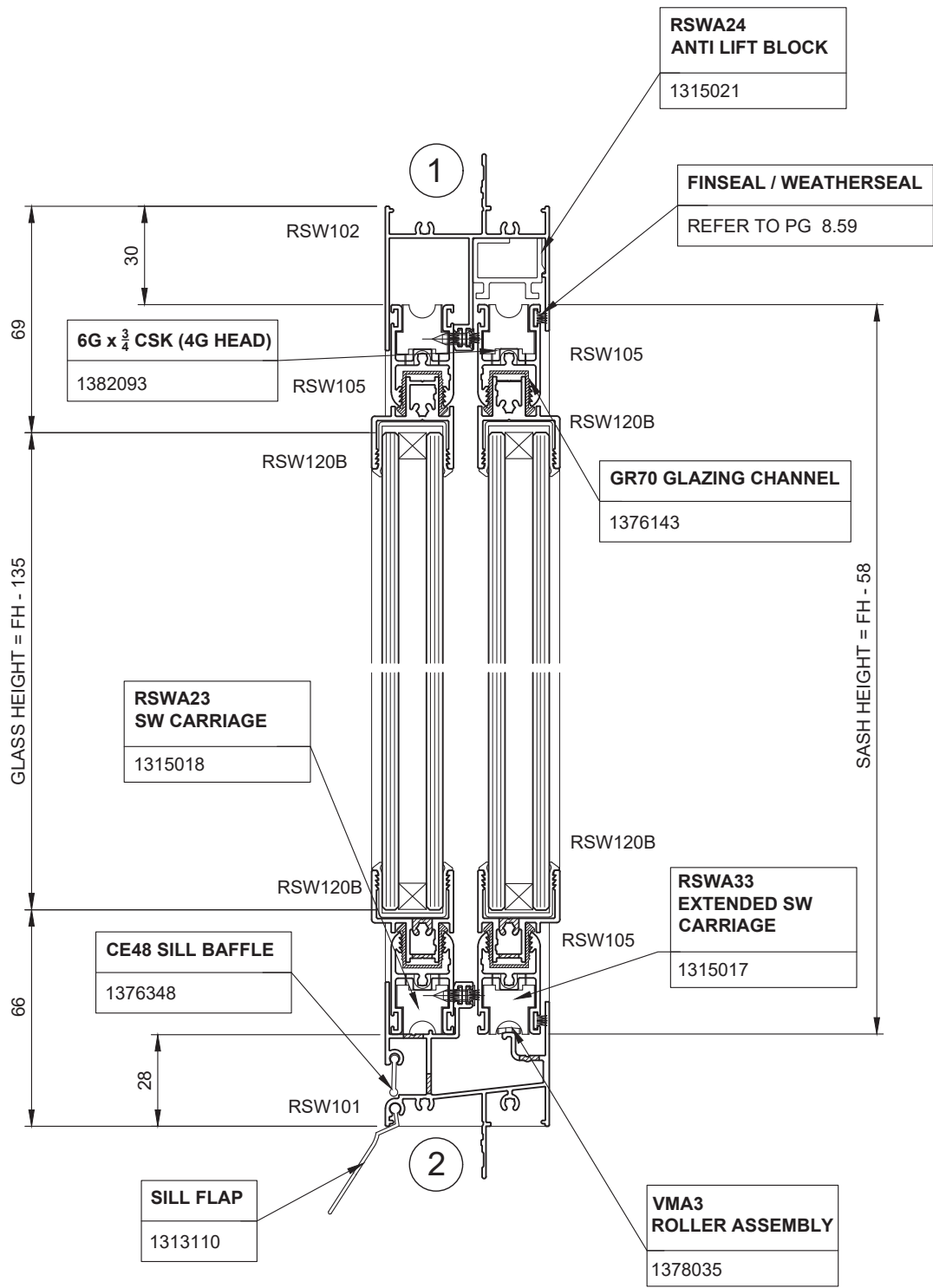
8. Typical Details

Vertical Detail - 50mm Frame - Standard Sill (150Pa - 200Pa)



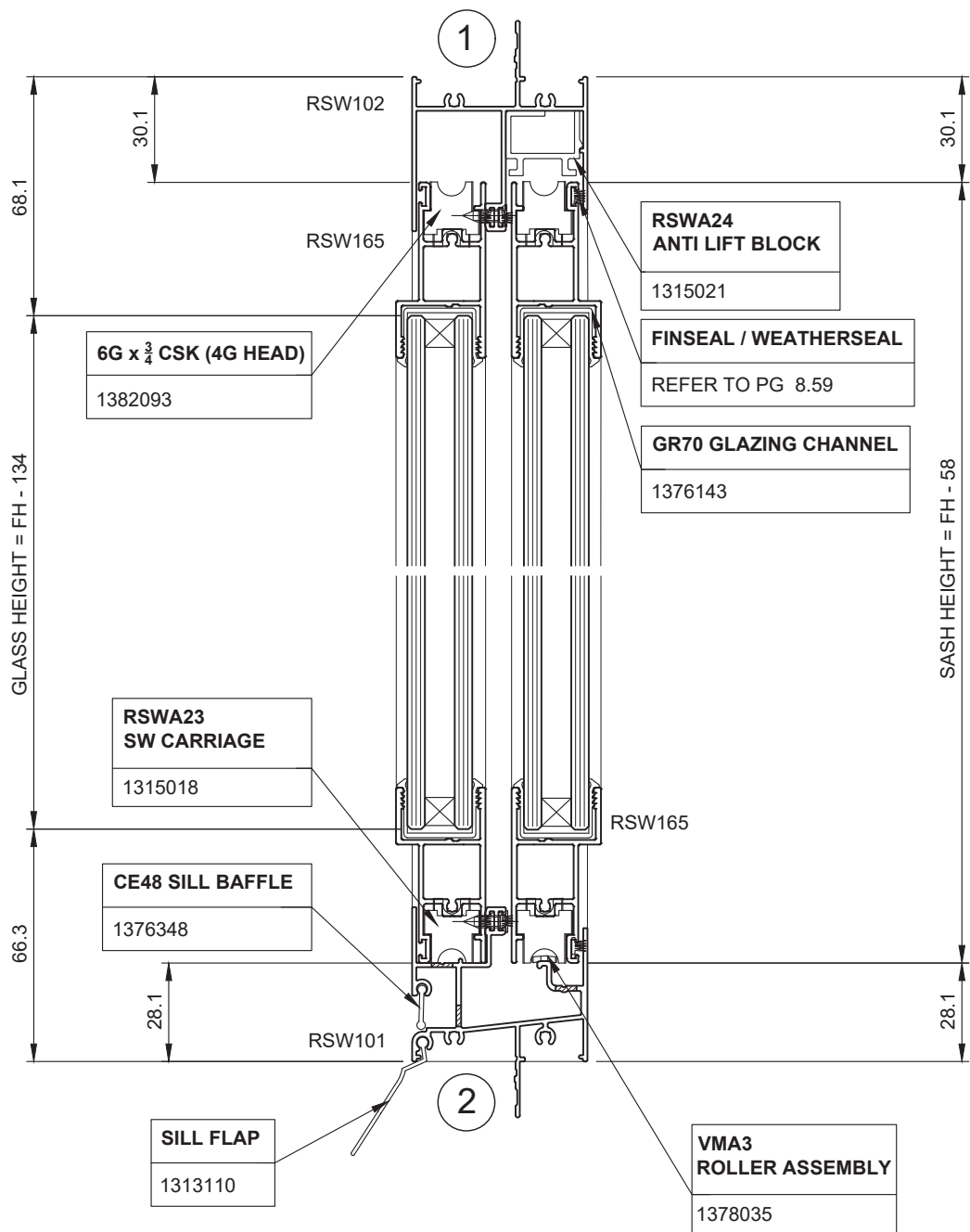
8. Typical Details

Vertical Detail - 50mm Frame D/ Glazed - Standard Sill (150Pa - 200Pa)



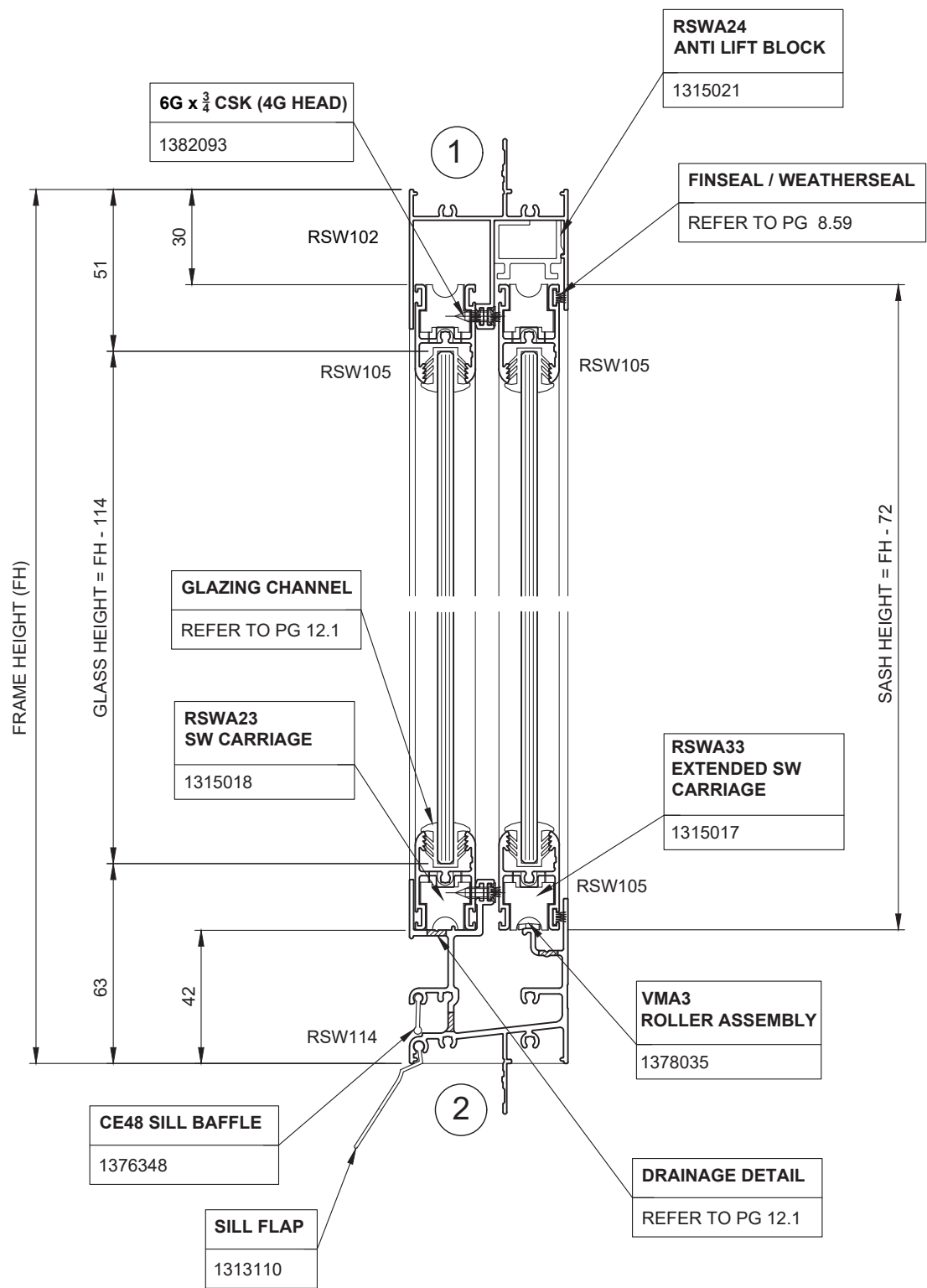
8. Typical Details

Vertical Detail - 50mm Dedicated Frame D/ Glazed - Standard Sill (150Pa - 200Pa)



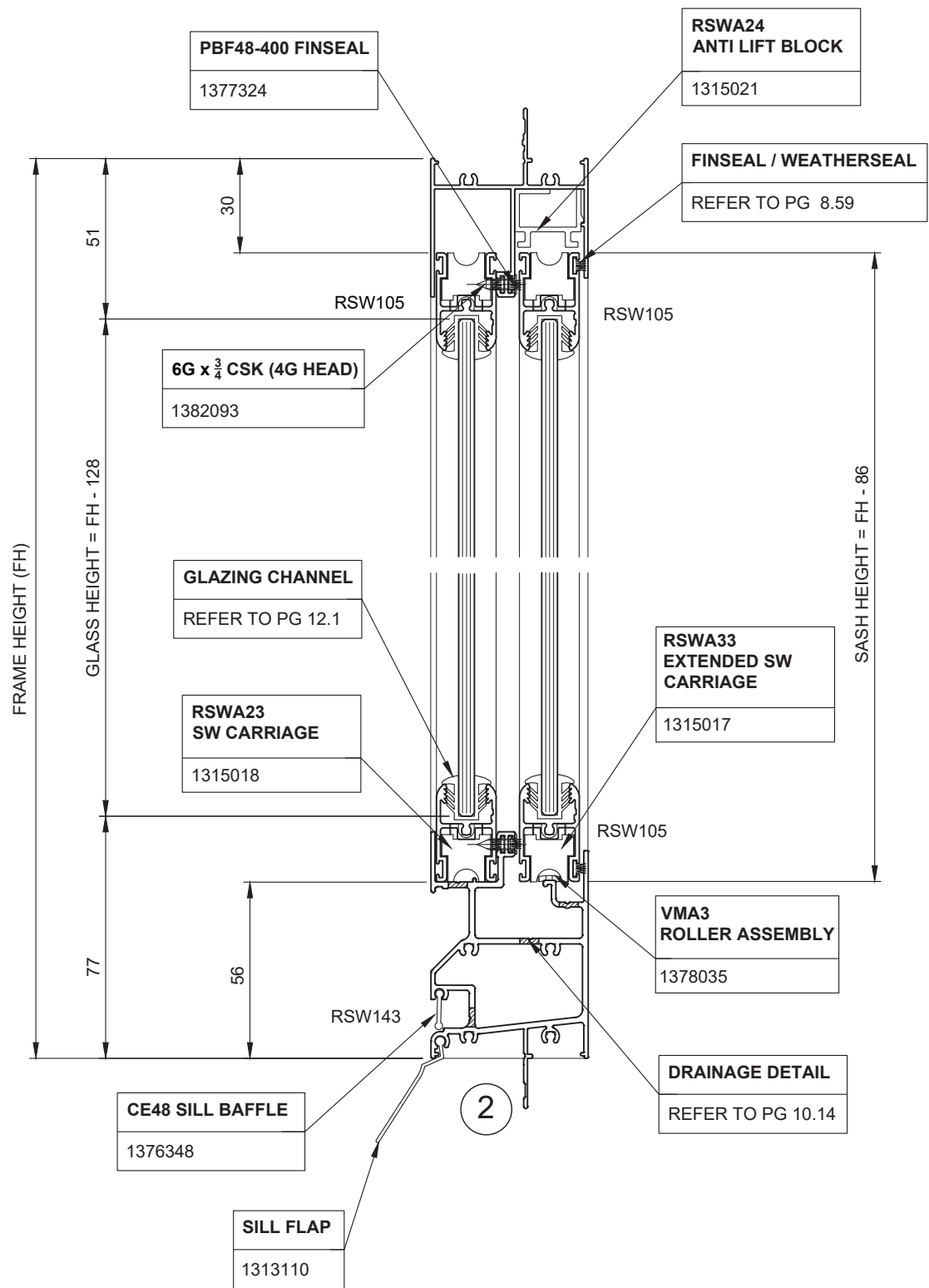
8. Typical Details

Vertical Detail - 50mm Frame - Medium Sill (300Pa)



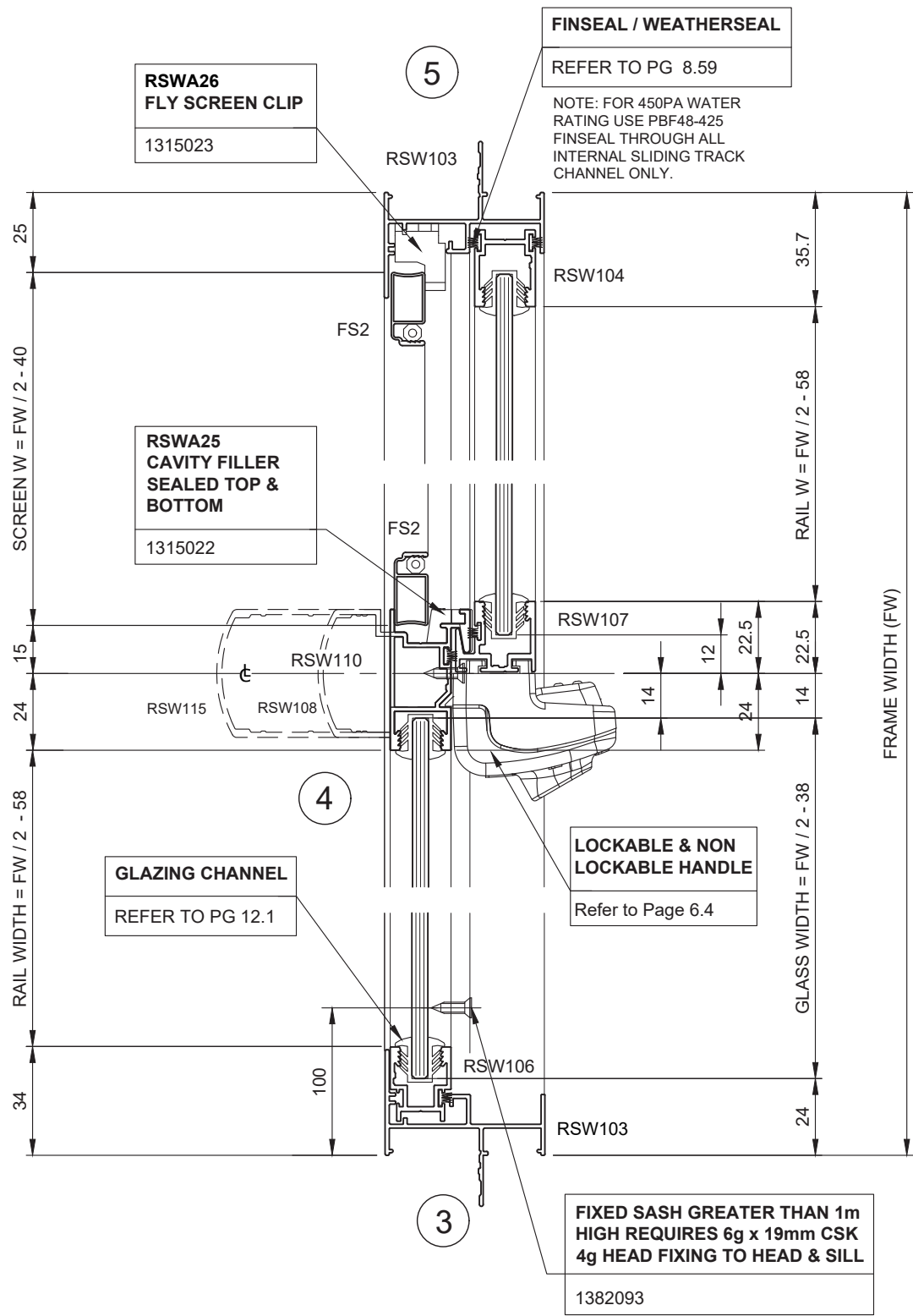
8. Typical Details

Vertical Detail - 50mm Frame - One Piece High Sill (450Pa)



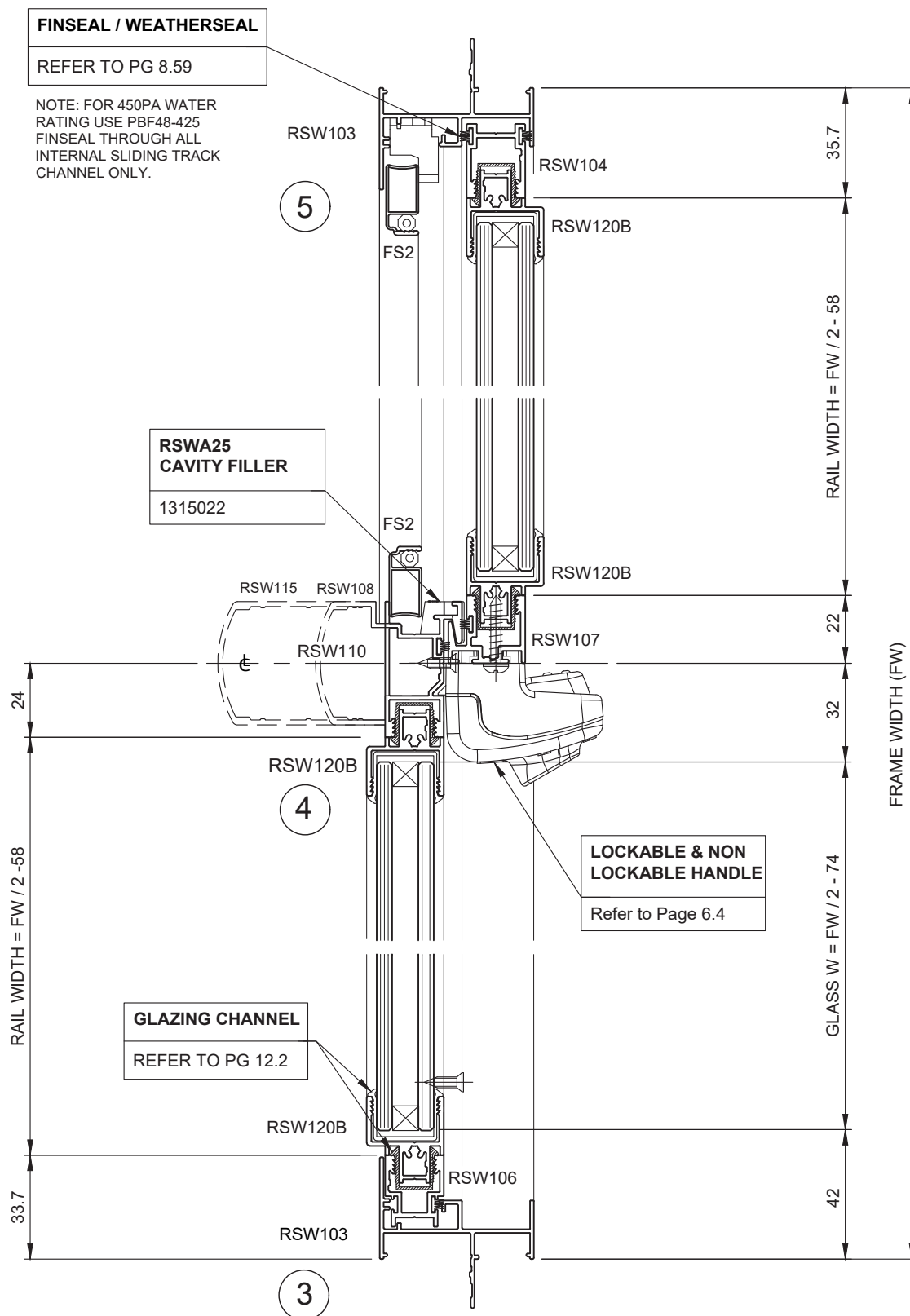
8. Typical Details

Horizontal Detail - 50mm Frame - XO Slider



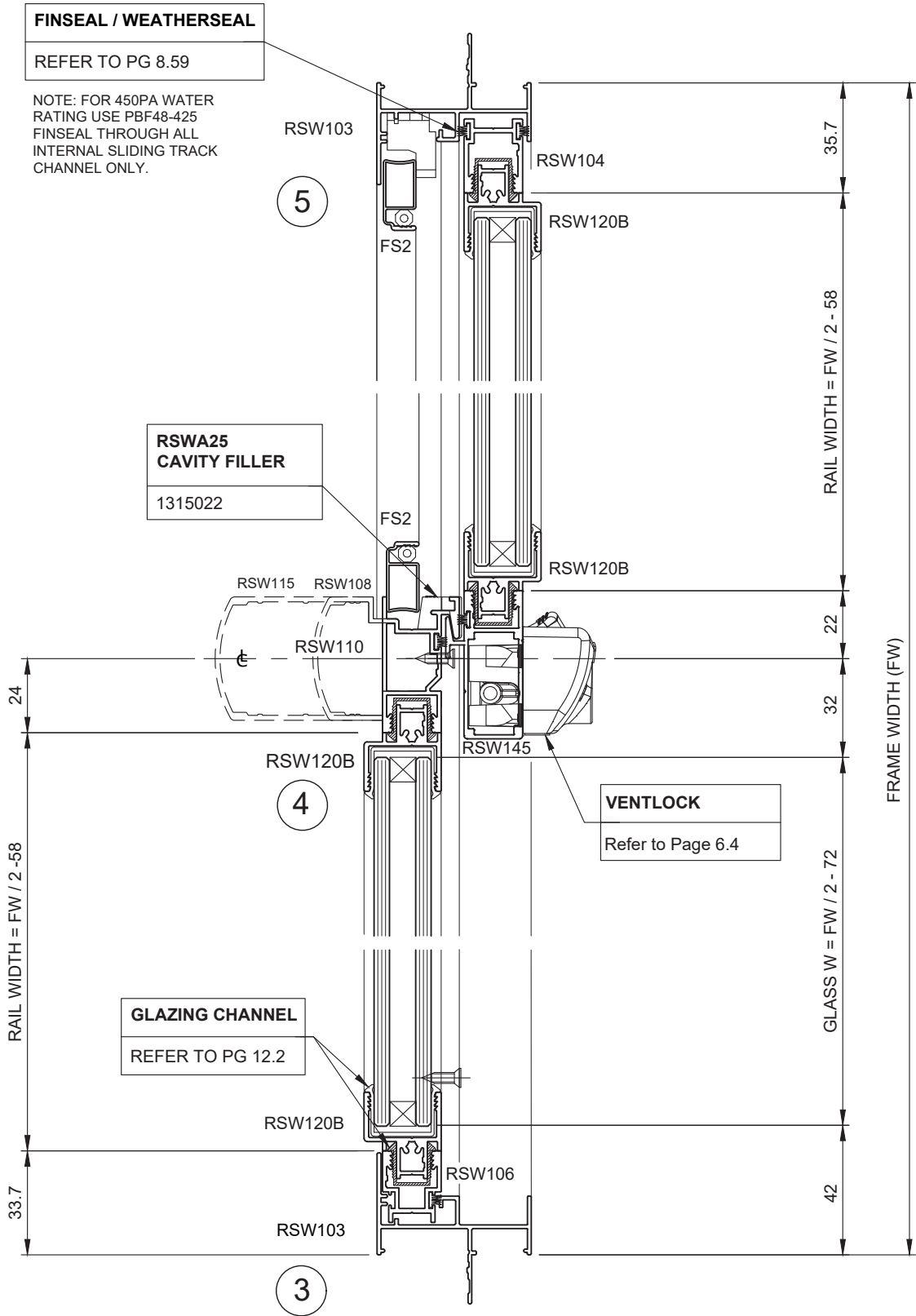
8. Typical Details

Horizontal Detail - 50mm Dedicated Double Glazed Frame - XO Slider



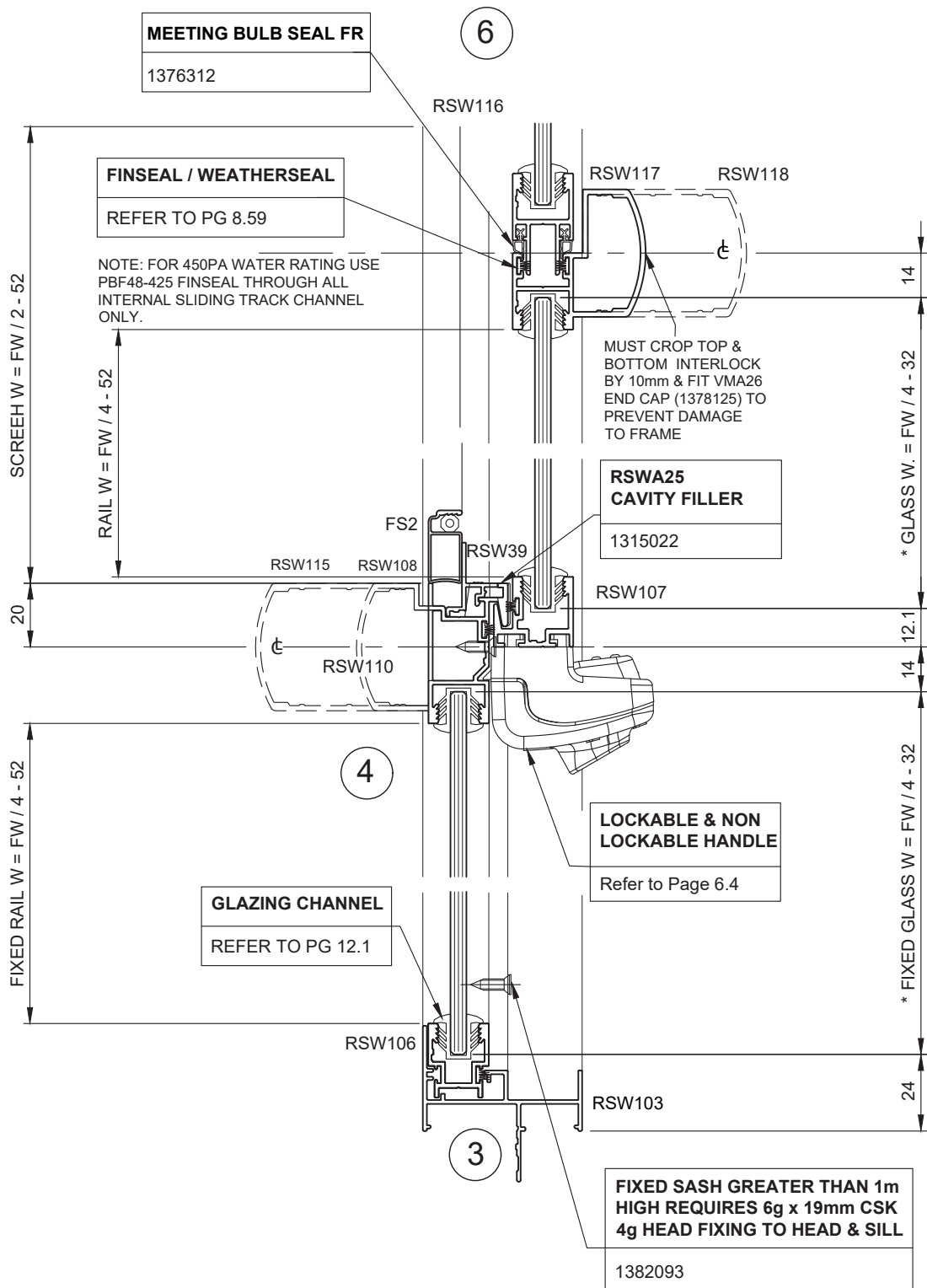
8. Typical Details

Horizontal Detail - 50mm Frame - Double Glazed XO Slider



8. Typical Details

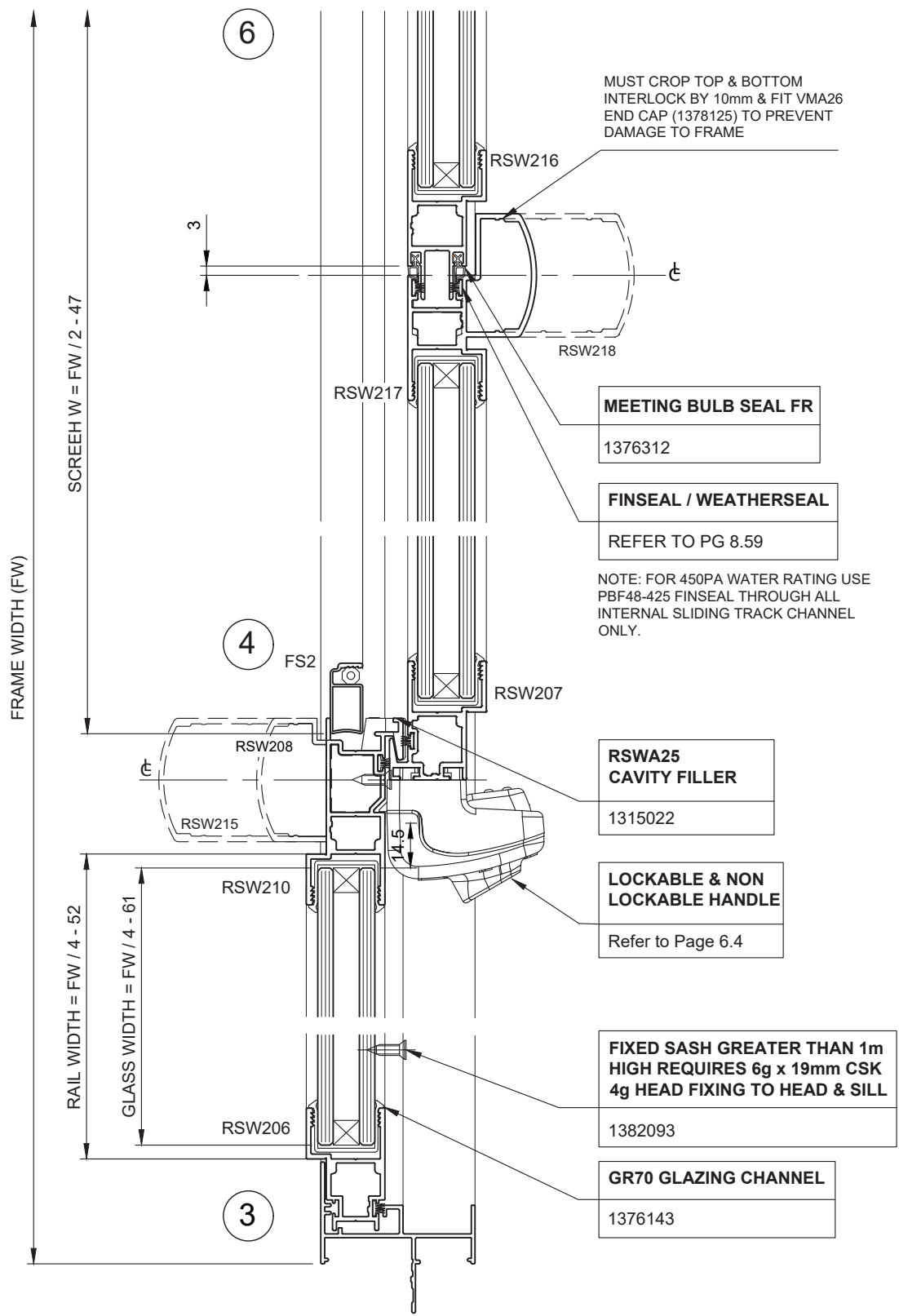
Horizontal Detail - 50mm Frame - OXXO Slider



NOTE: ALL PANELS ARE EQUAL GLASS FOR 1/4-1/2-1/4 CONFIGURATION

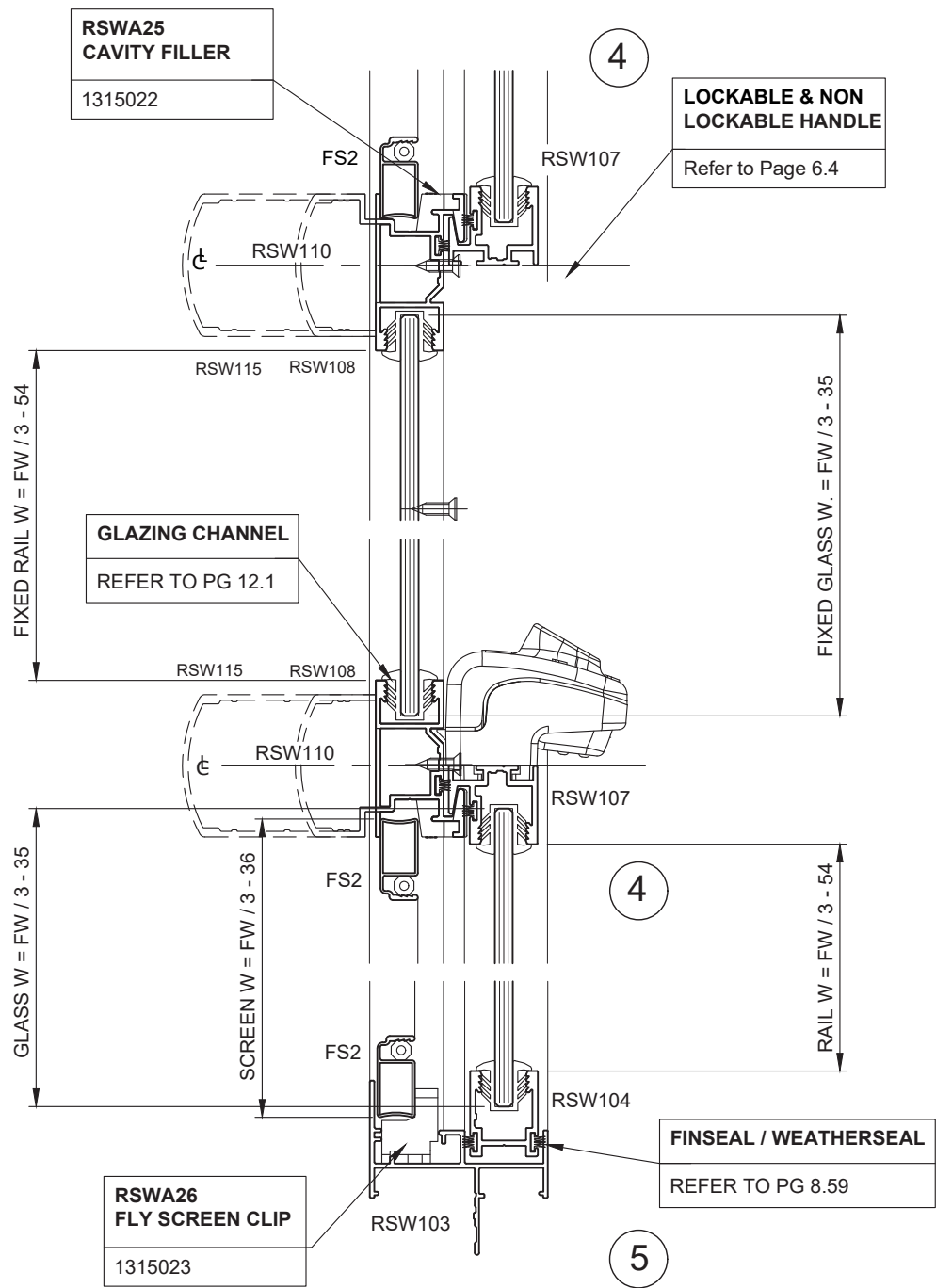
8. Typical Details

Horizontal Detail - 50mm Frame - Double Glazed XO Slider



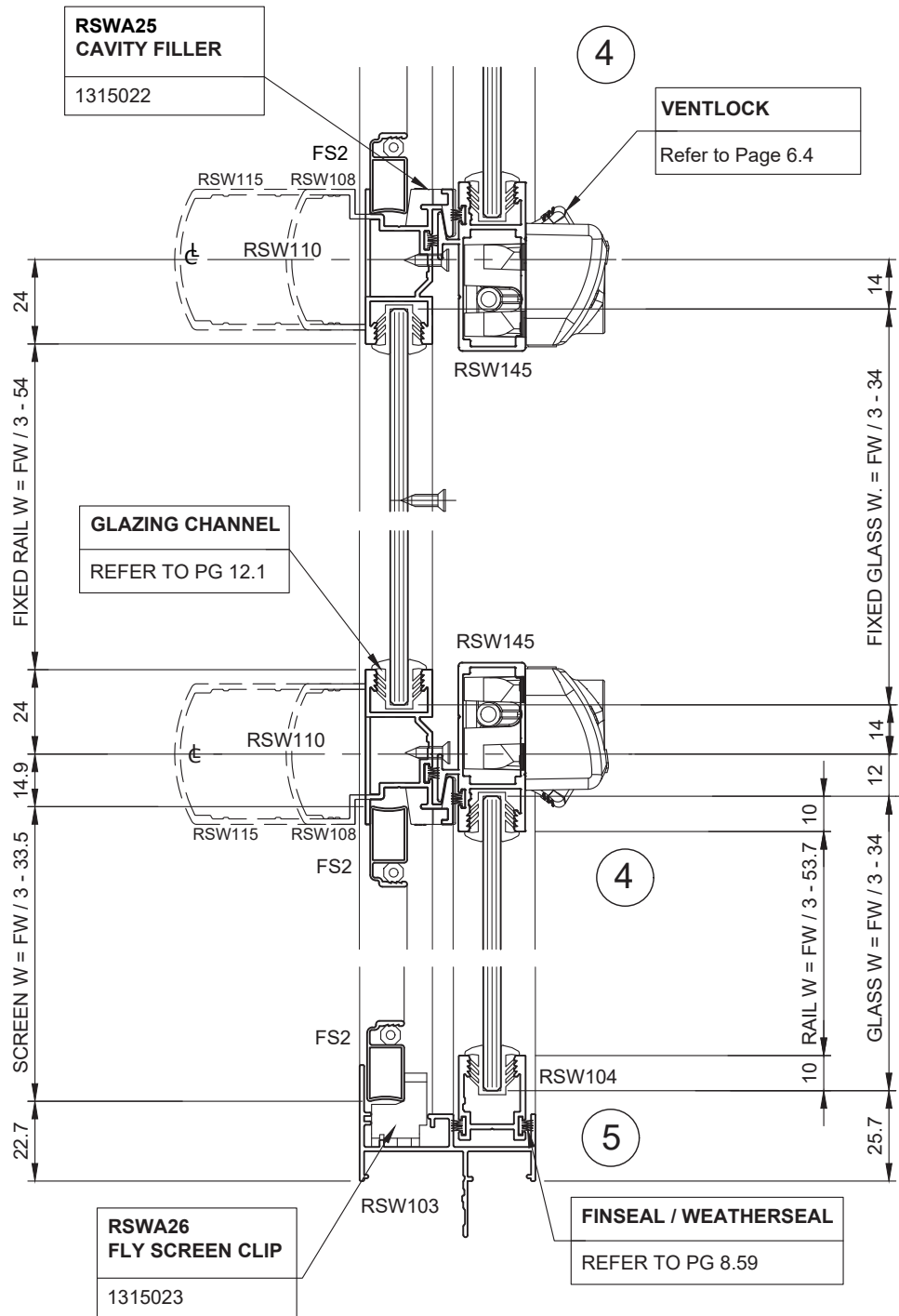
8. Typical Details

Horizontal Detail - 50mm Frame - XOX Slider (Equal Glass 1/3)



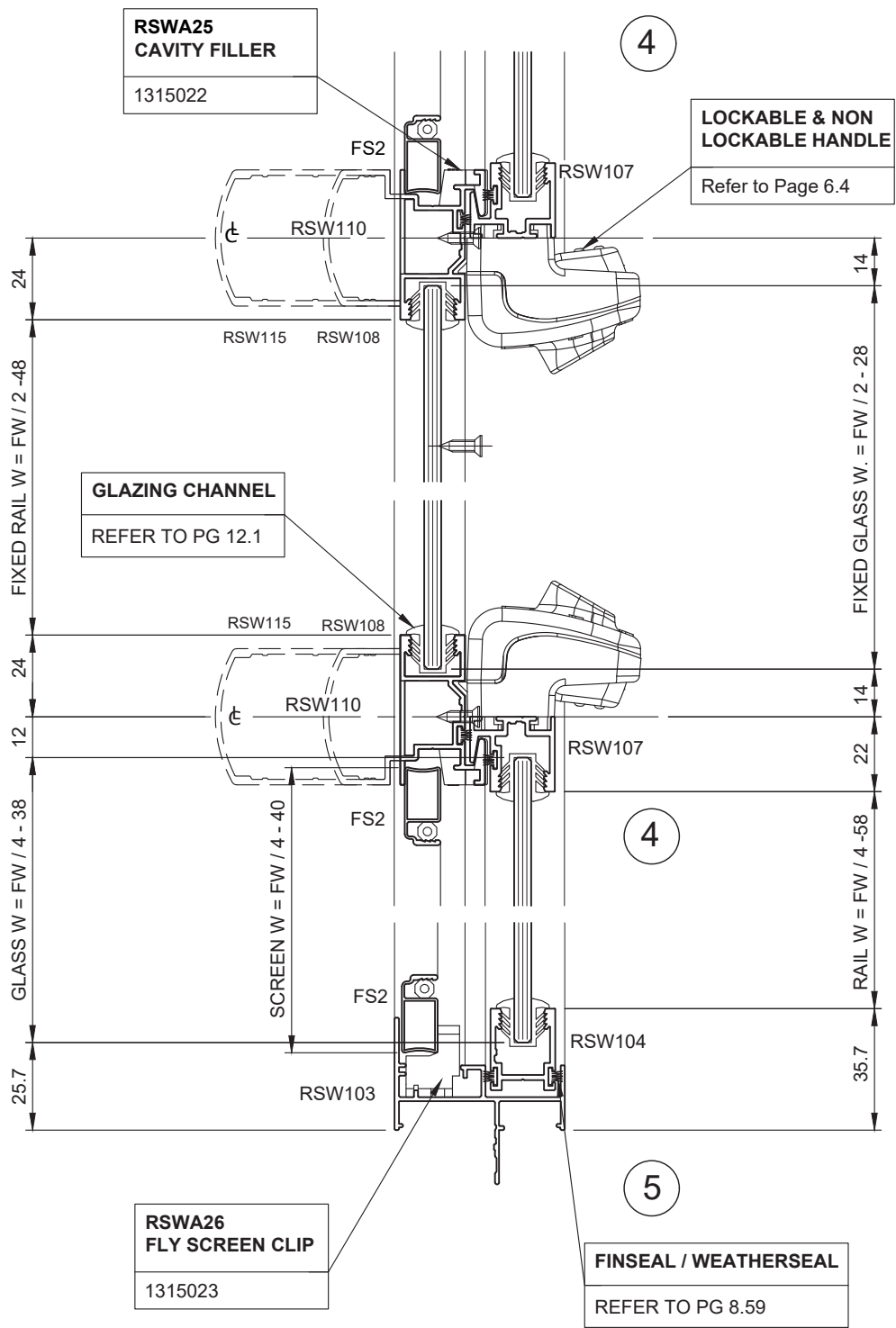
8. Typical Details

Horizontal Detail - 50mm Frame - XOX Slider (Equal Glass 1/3)



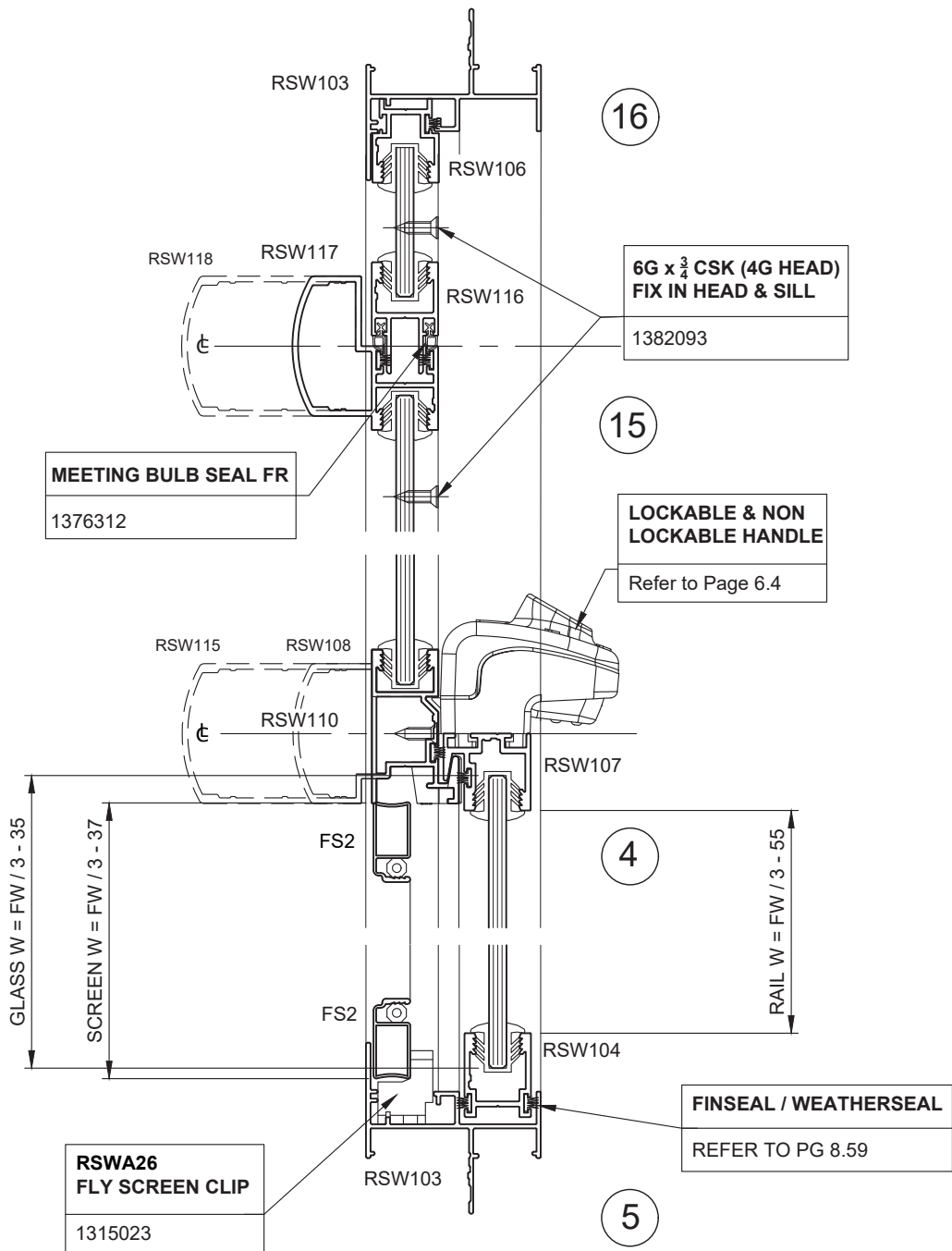
8. Typical Details

Horizontal Detail - 50mm Frame - XOX Slider (1/4 - 1/2 - 1/4)



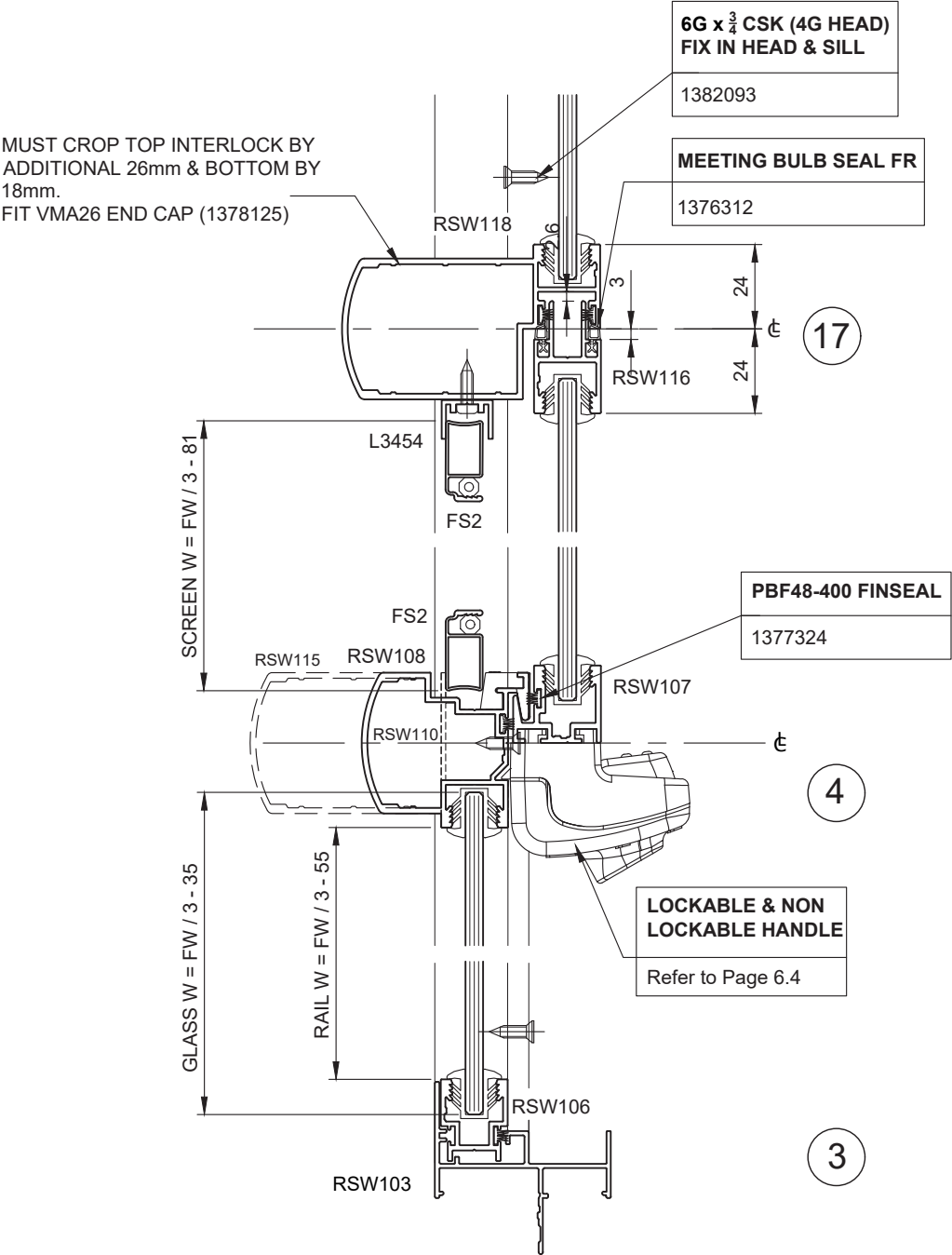
8. Typical Details

Horizontal Detail - 50mm Frame - OOX Slider (Equal Glass 1/3)



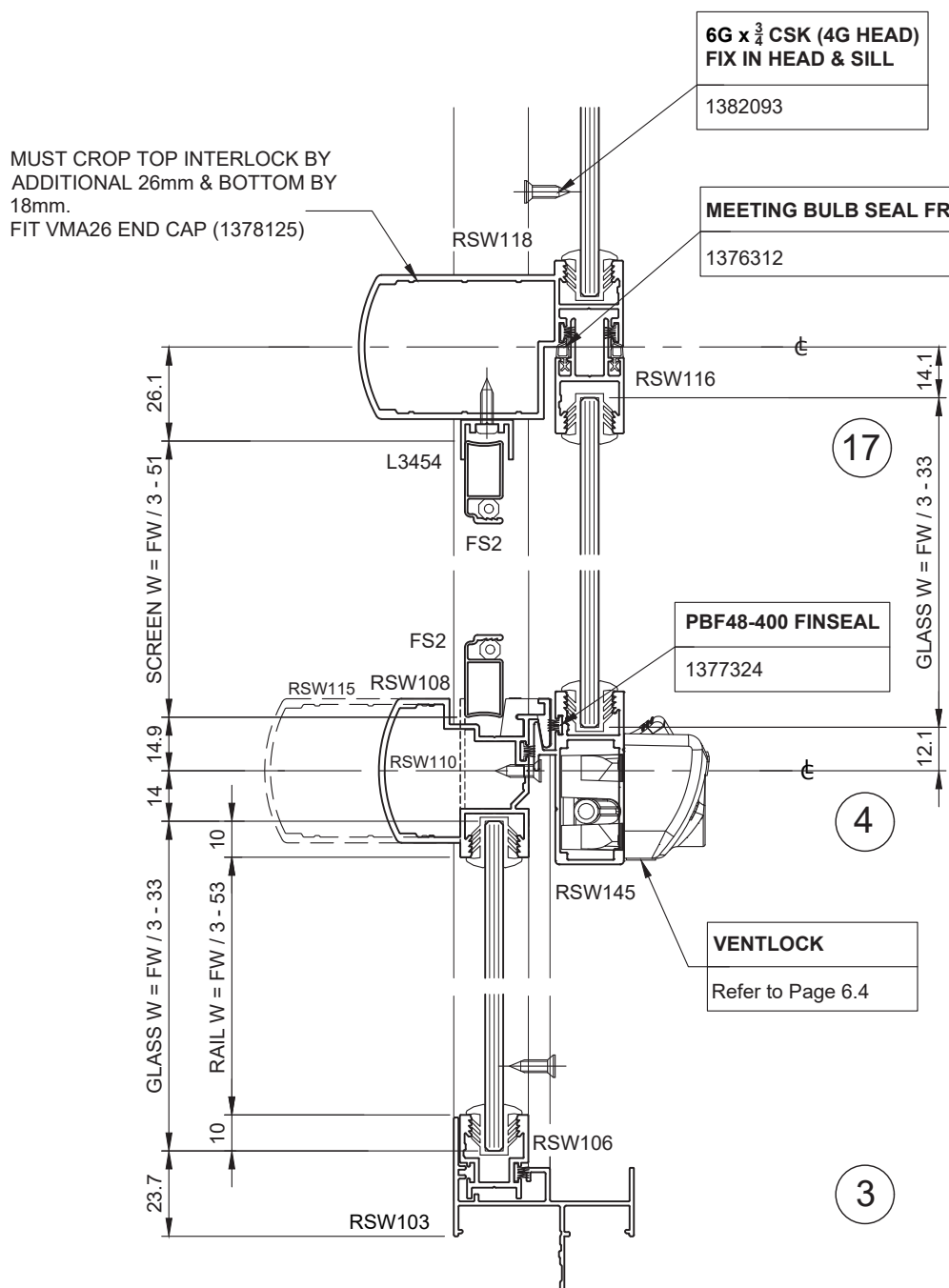
8. Typical Details

Horizontal Detail - 50mm Frame - OXO Slider (Equal Glass 1/3)



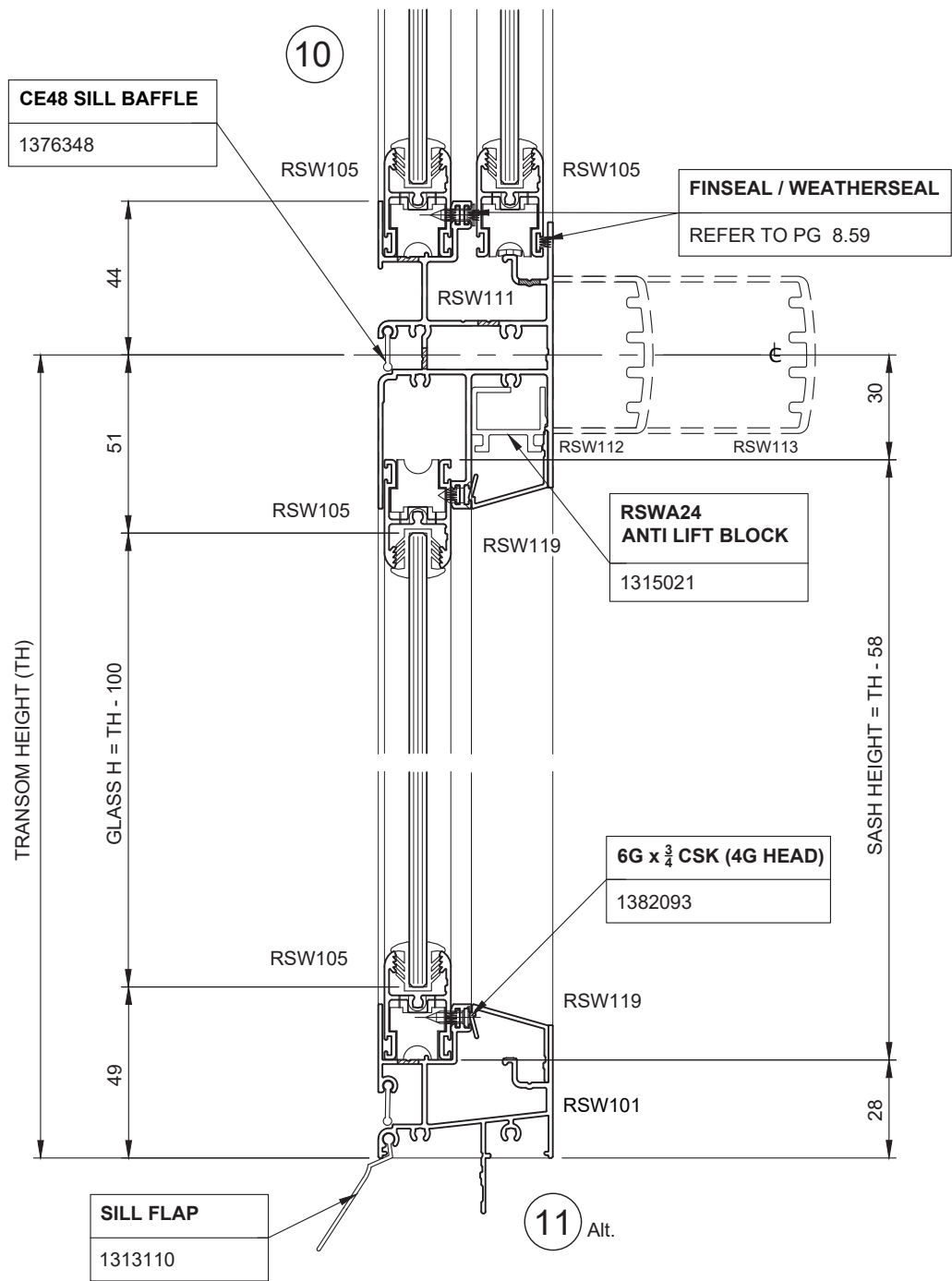
8. Typical Details

Horizontal Detail - 50mm Frame - OXO Slider (Equal Glass 1/3)



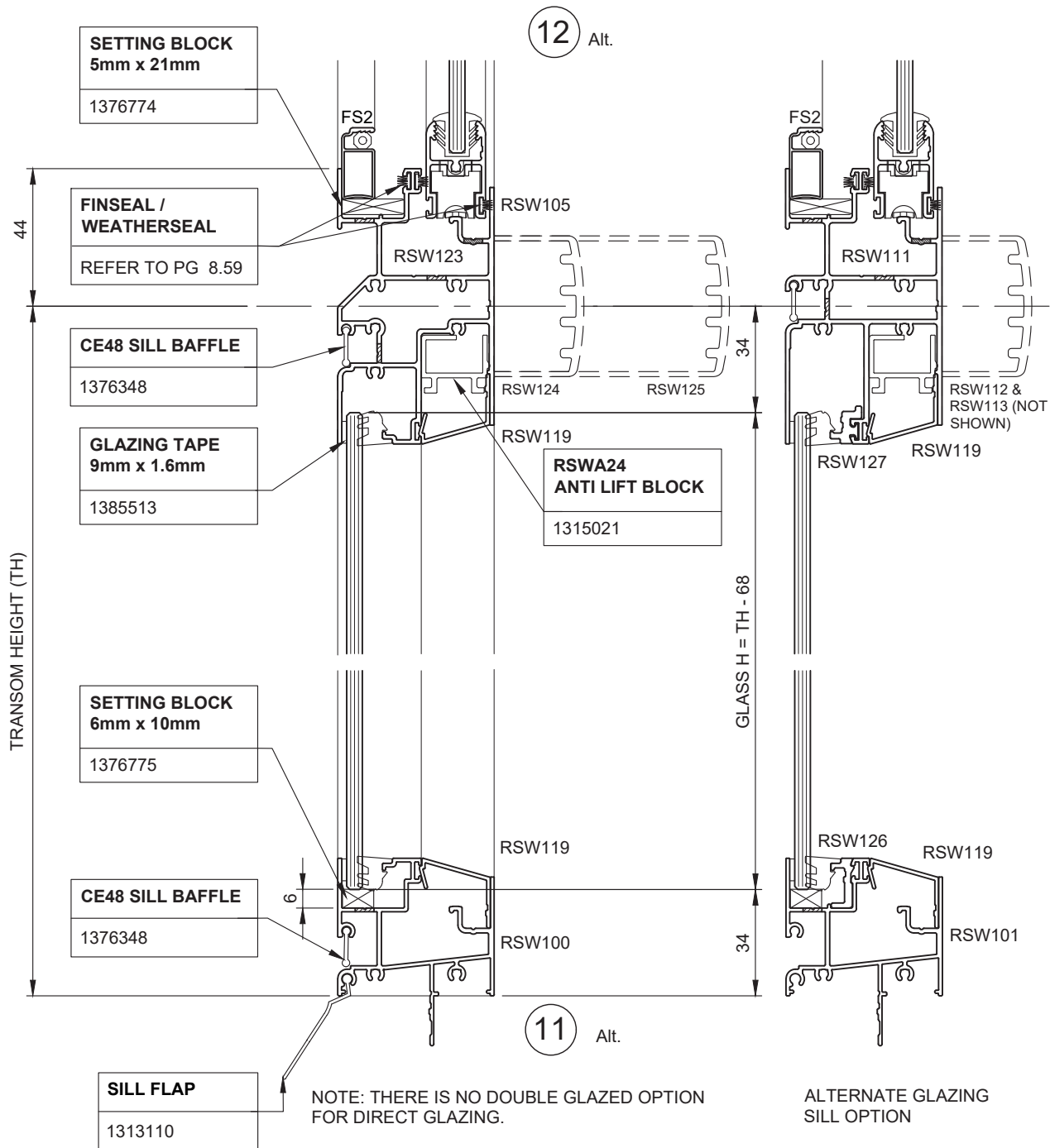
8. Typical Details

Vertical Detail - Slider/ Sash Glazed Low Lite - Internal Transom



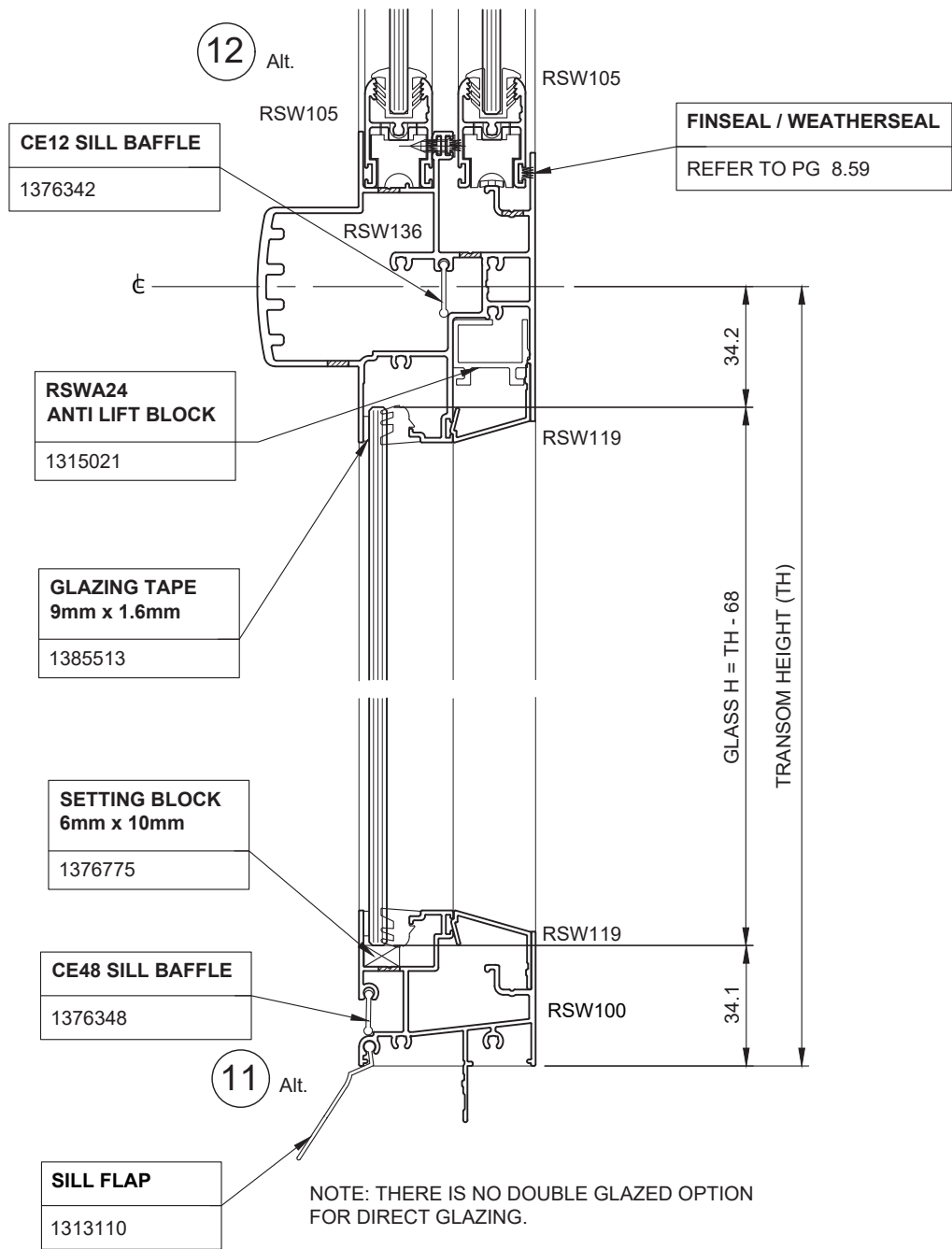
8. Typical Details

Vertical Detail - Slider/ Direct Glazed Low Lite - Internal Transom



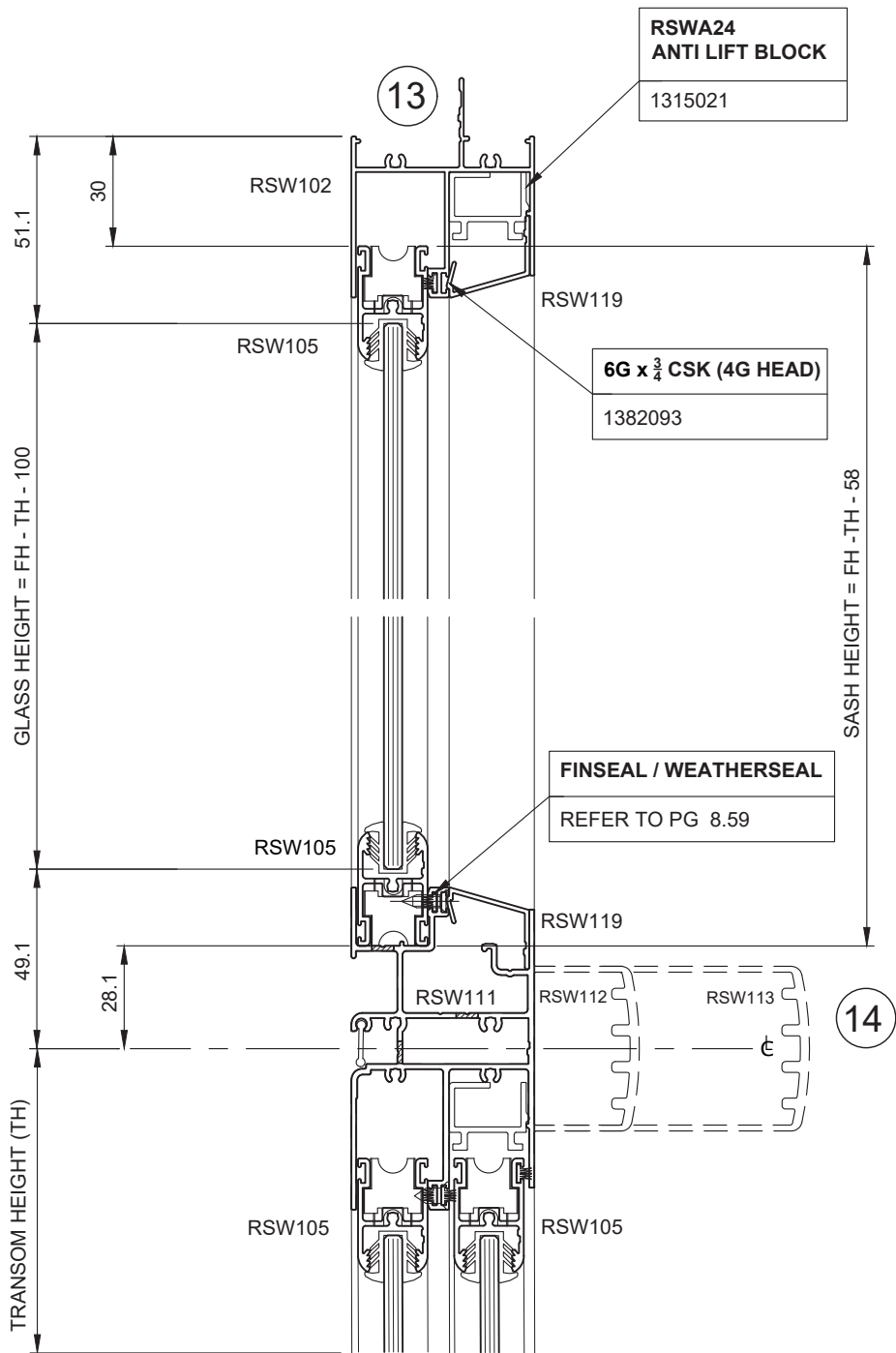
8. Typical Details

Vertical Detail - Slider/ Direct Glazed Low Lite - External Transom



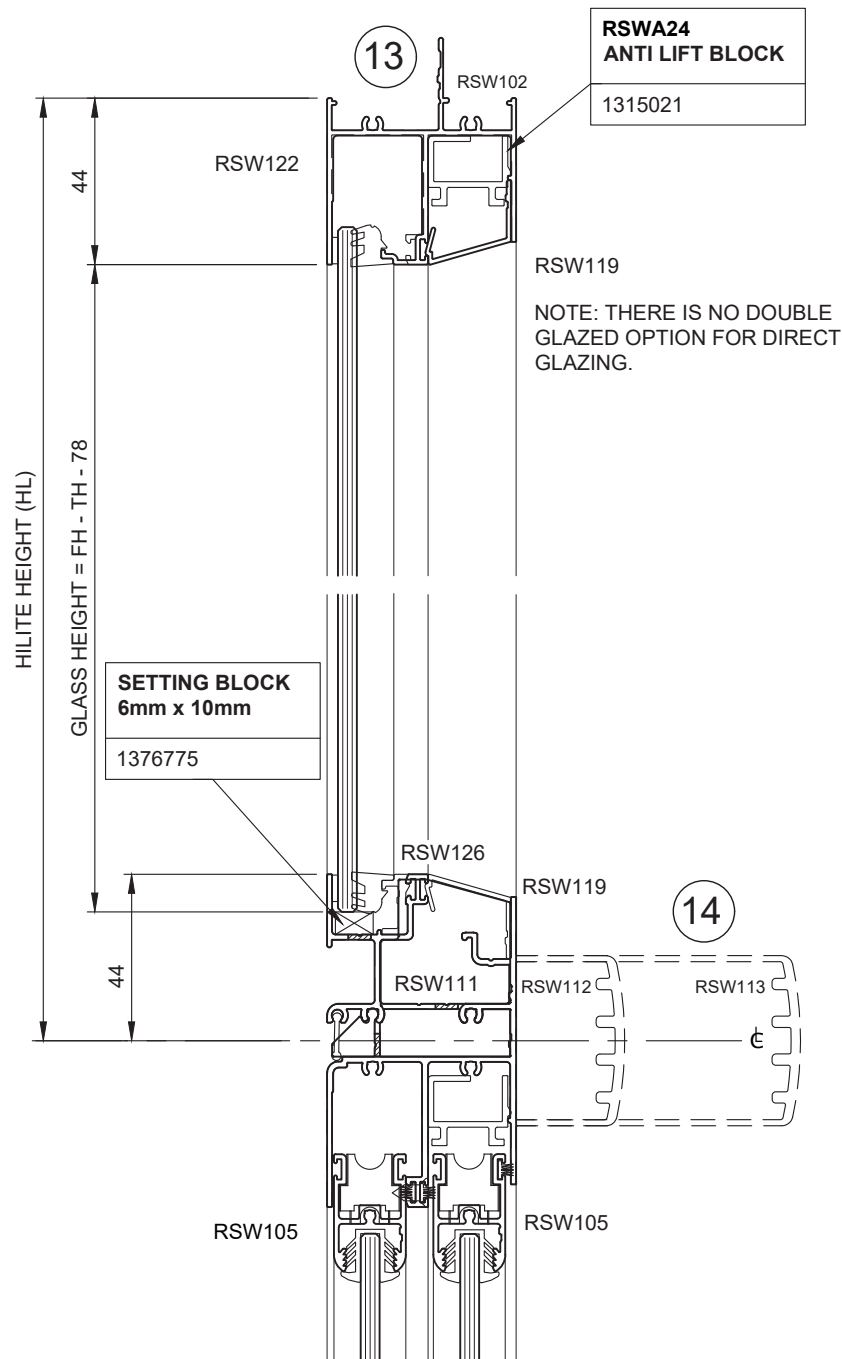
8. Typical Details

Vertical Detail - Sash Glazed Hi Lite



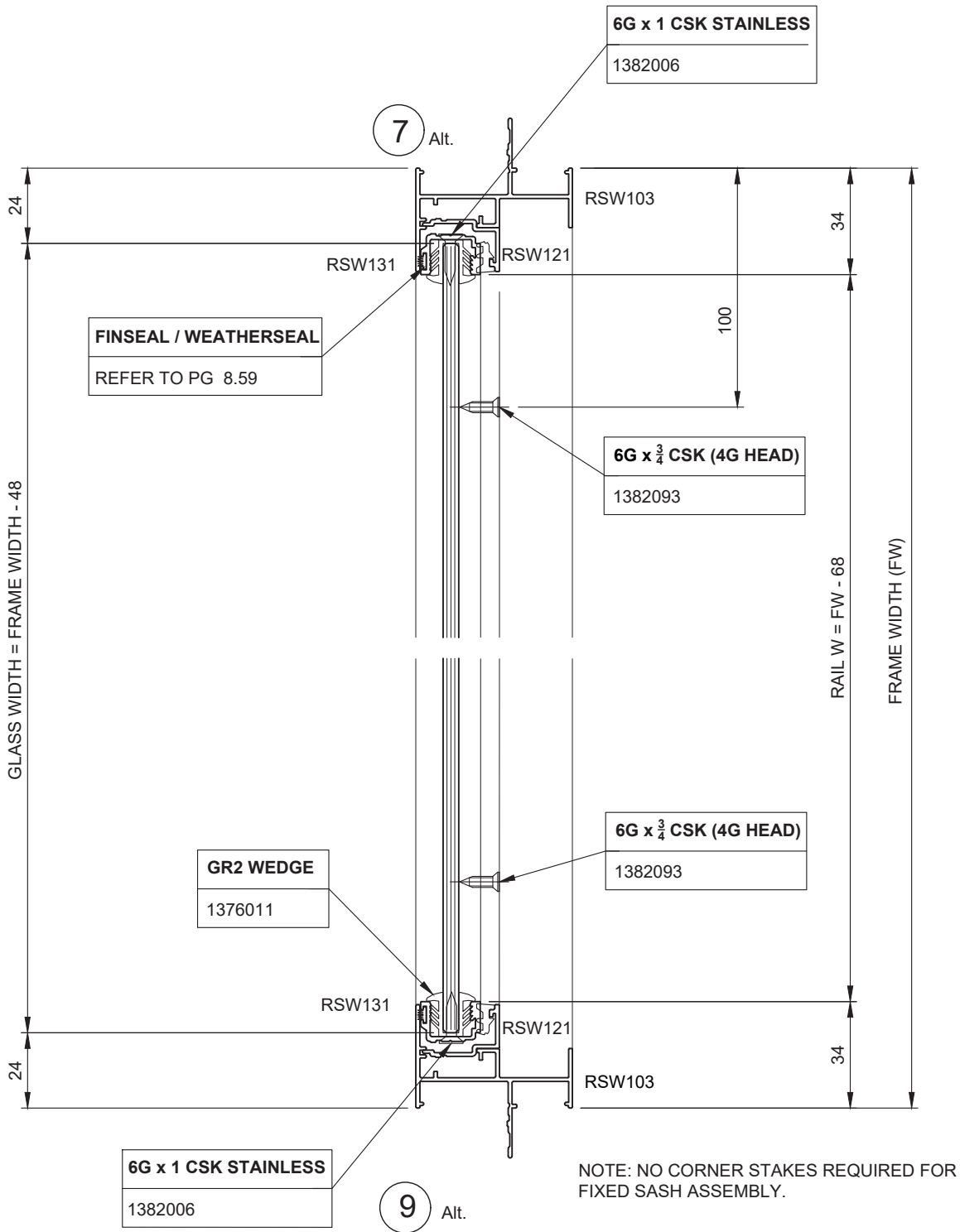
8. Typical Details

Vertical Detail - Direct Glazed Hi Lite



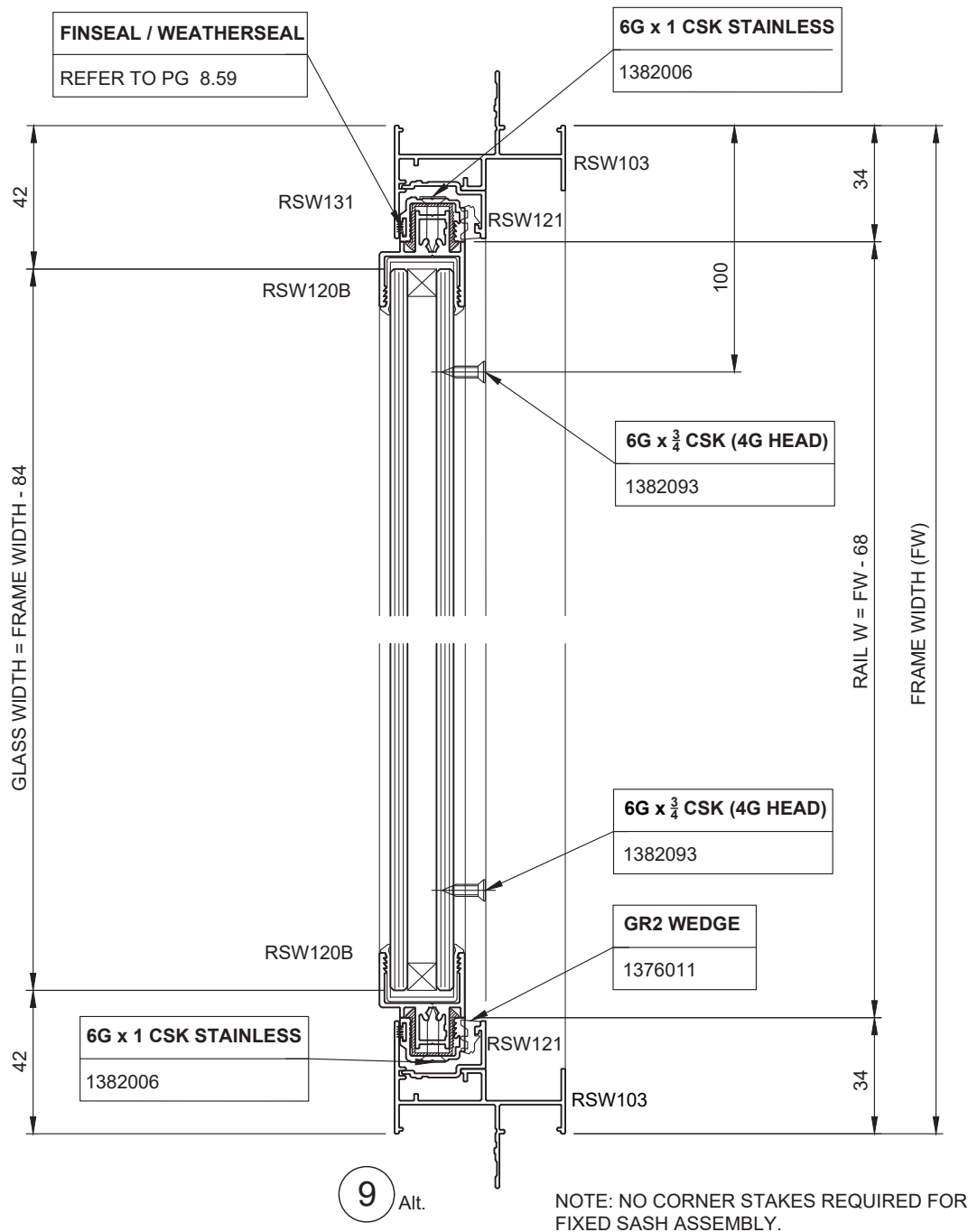
8. Typical Details

Horizontal Detail - Sash Glazed Low/ Hi Lite



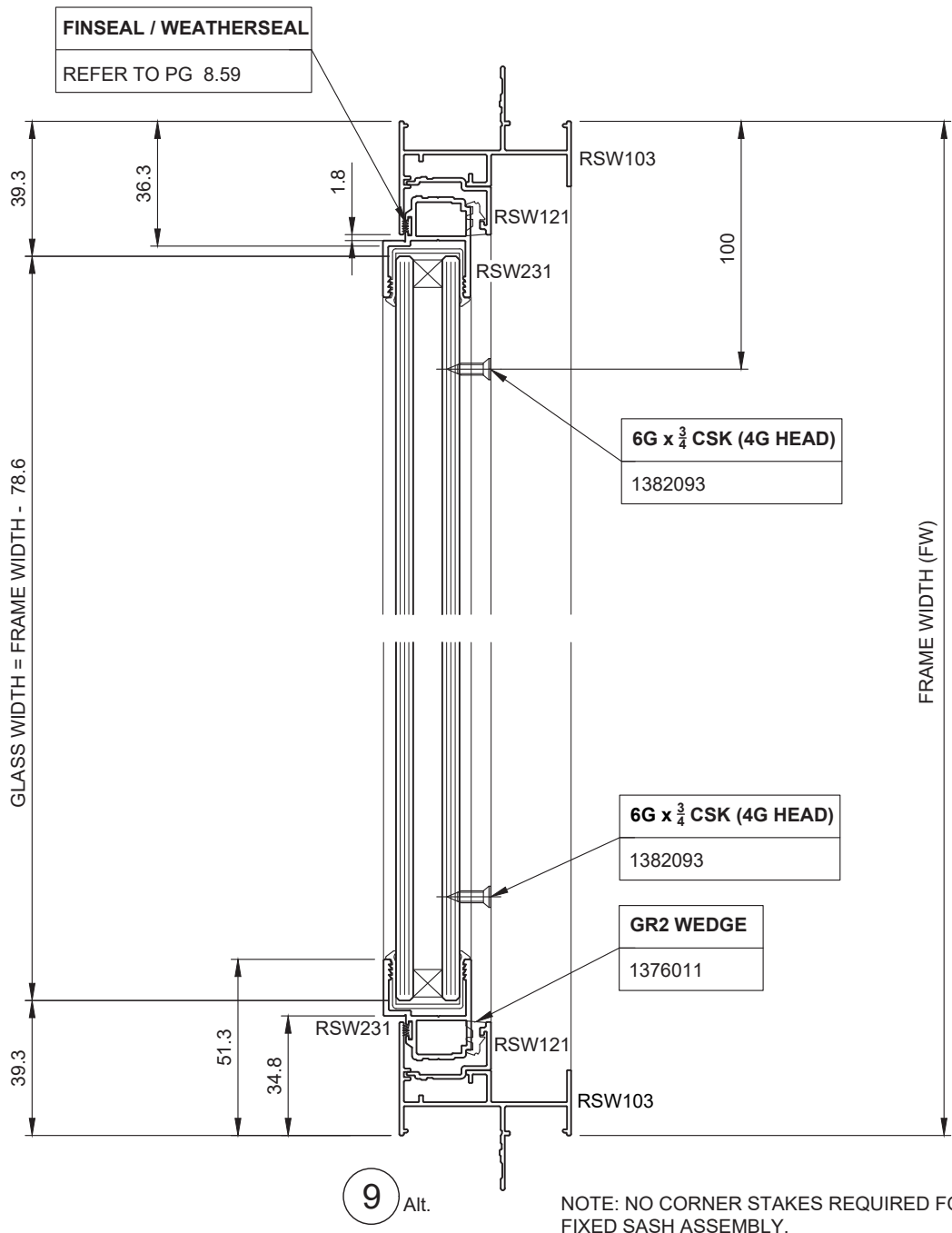
8. Typical Details

Horizontal Detail - Sash Glazed Low/ Hi Lite (Double Glazed)



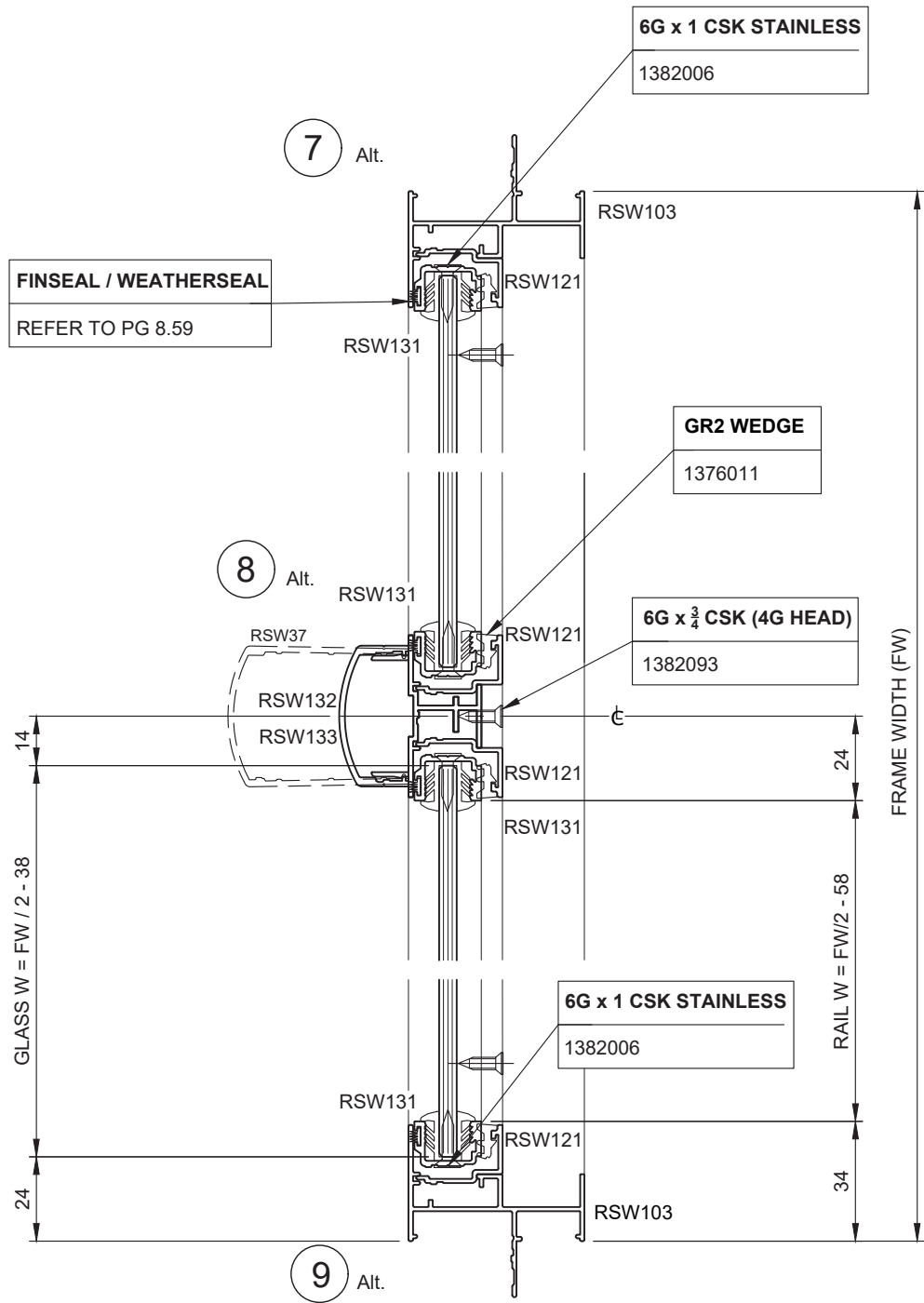
8. Typical Details

Horizontal Detail - Dedicated Double Glazed Sash Glazed Low/ Hi Lite



8. Typical Details

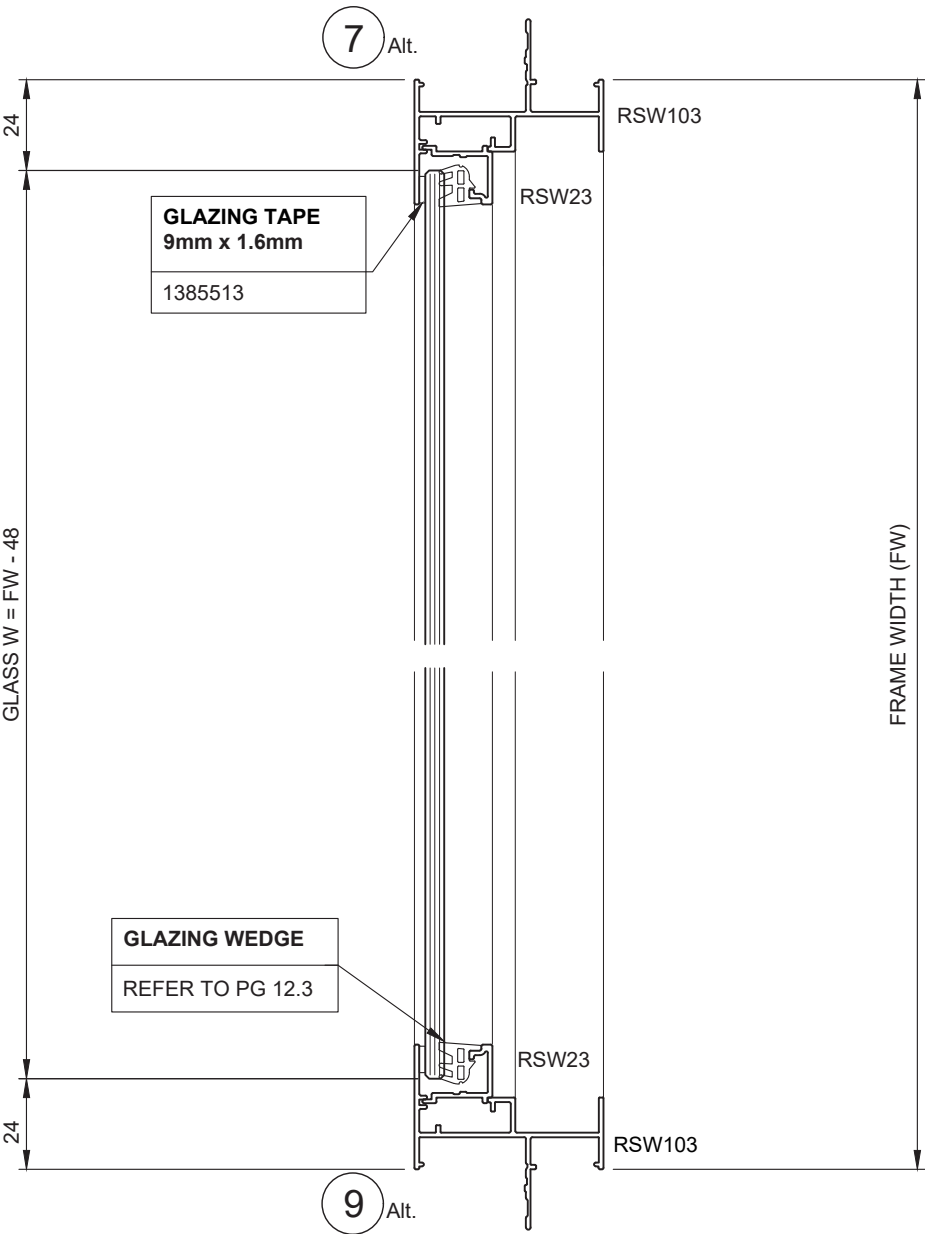
Horizontal Detail - Sash Glazed Low/Hi Lite - Standard/Medium Mullion



NOTE: NO CORNER STAKES REQUIRED FOR
FIXED SASH ASSEMBLY.

8. Typical Details

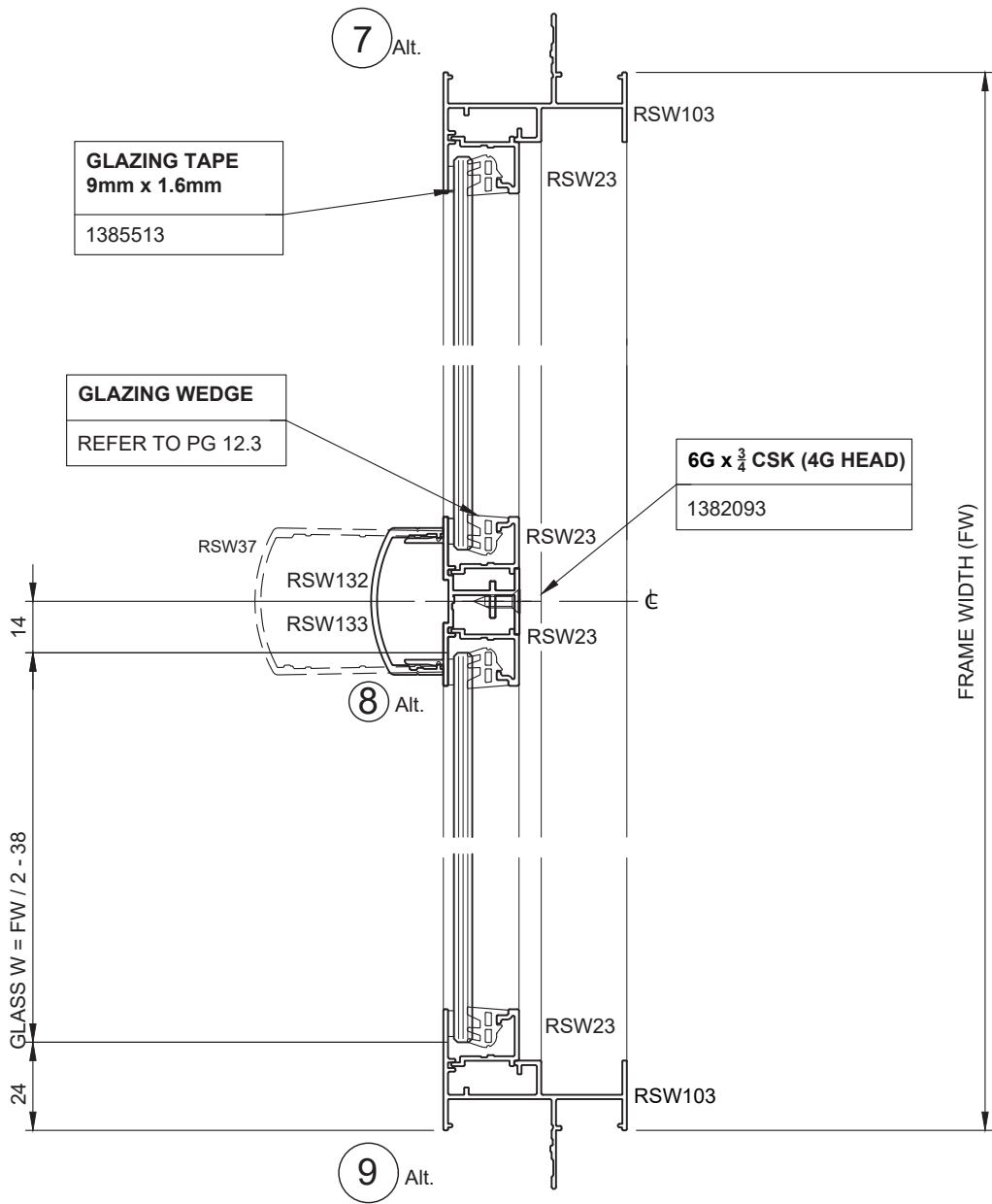
Horizontal Detail - Direct Glazed Low/Hi Lite



NOTE: THERE IS NO DOUBLE GLAZED OPTION FOR DIRECT GLAZING.

8. Typical Details

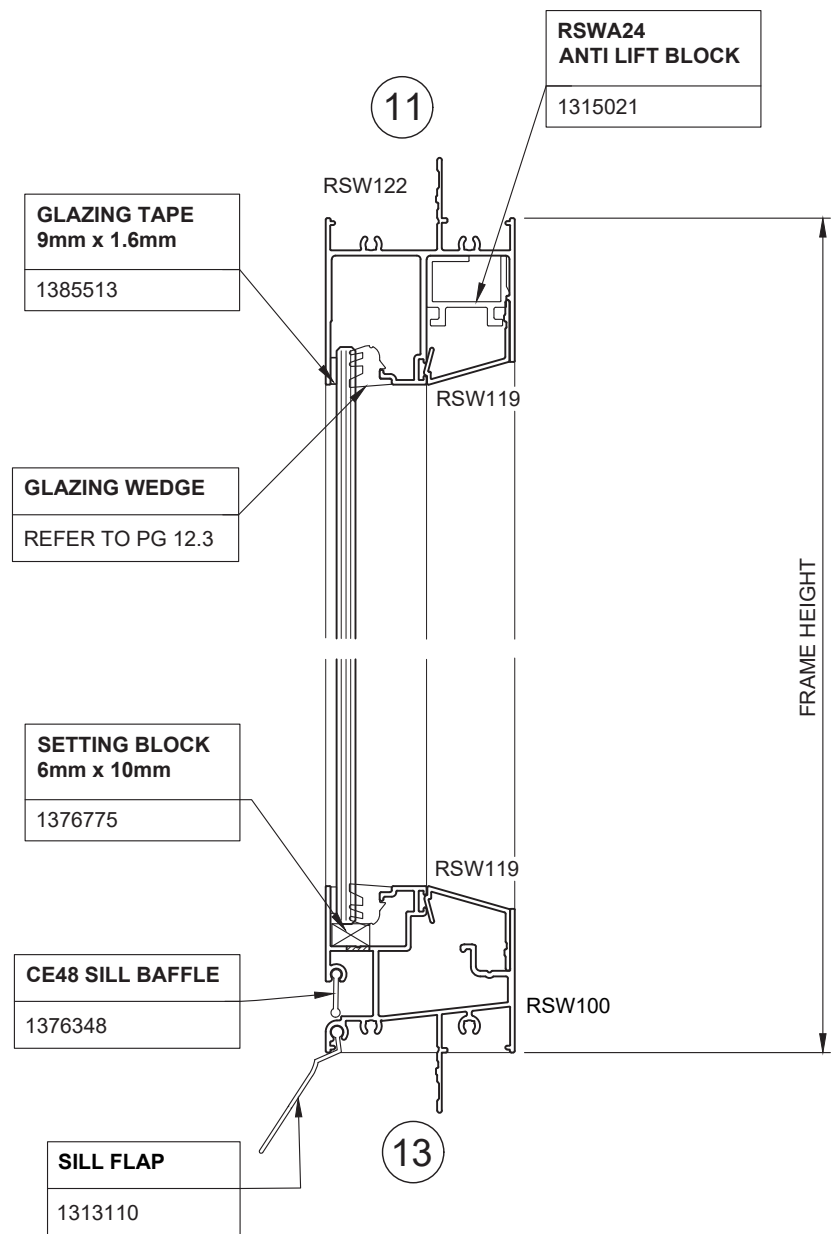
Horizontal Detail - Direct Glazed Low/Hi Lite - Standard/ Medium Mullion



NOTE: THERE IS NO DOUBLE GLAZED OPTION
FOR DIRECT GLAZING.

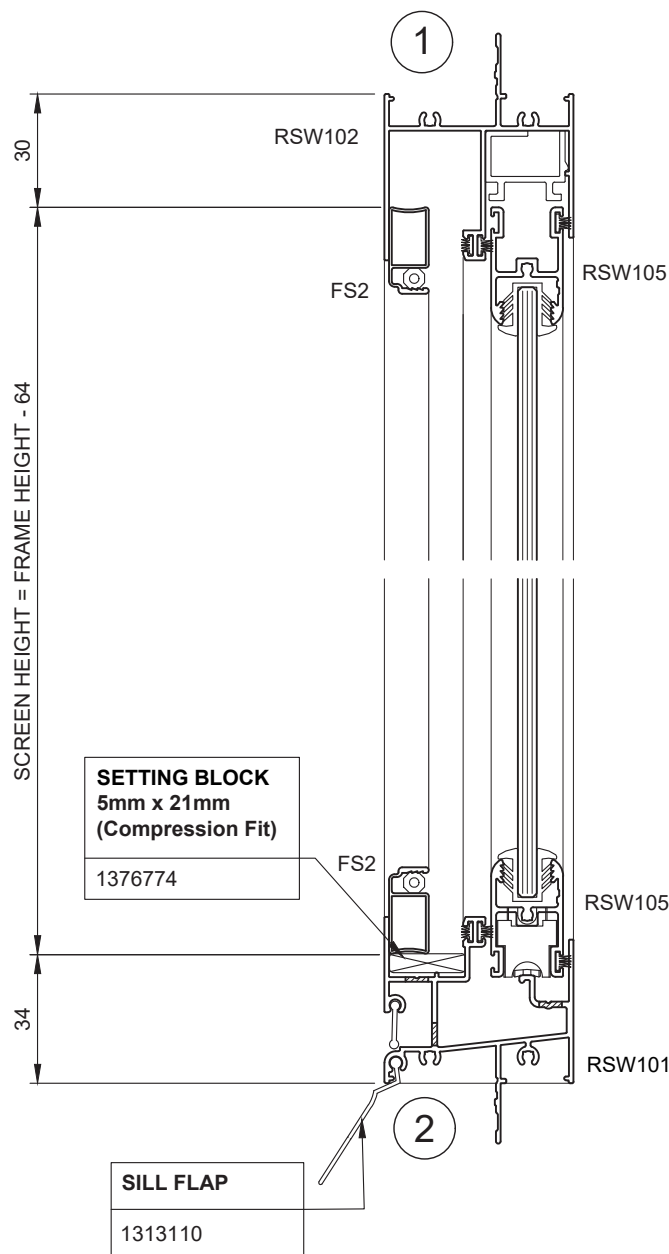
8. Typical Details

Vertical Detail - Direct Glazed Fixed Lite



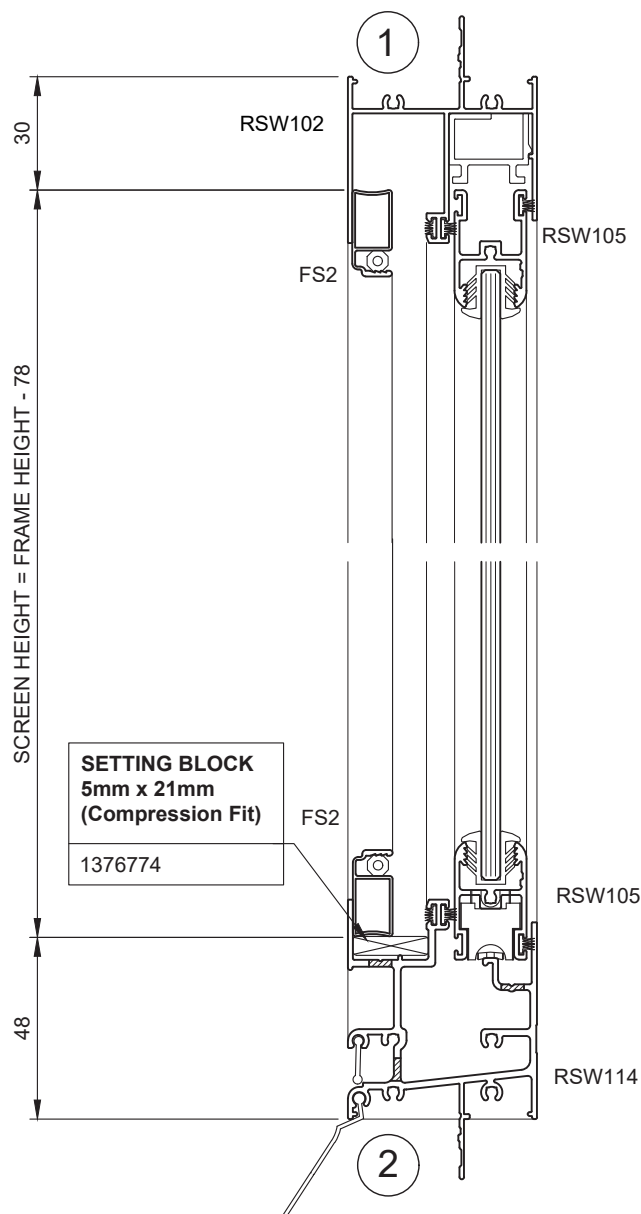
8. Typical Details

Vertical Detail - Fly Screen Details - Standard Sill (RSW101)



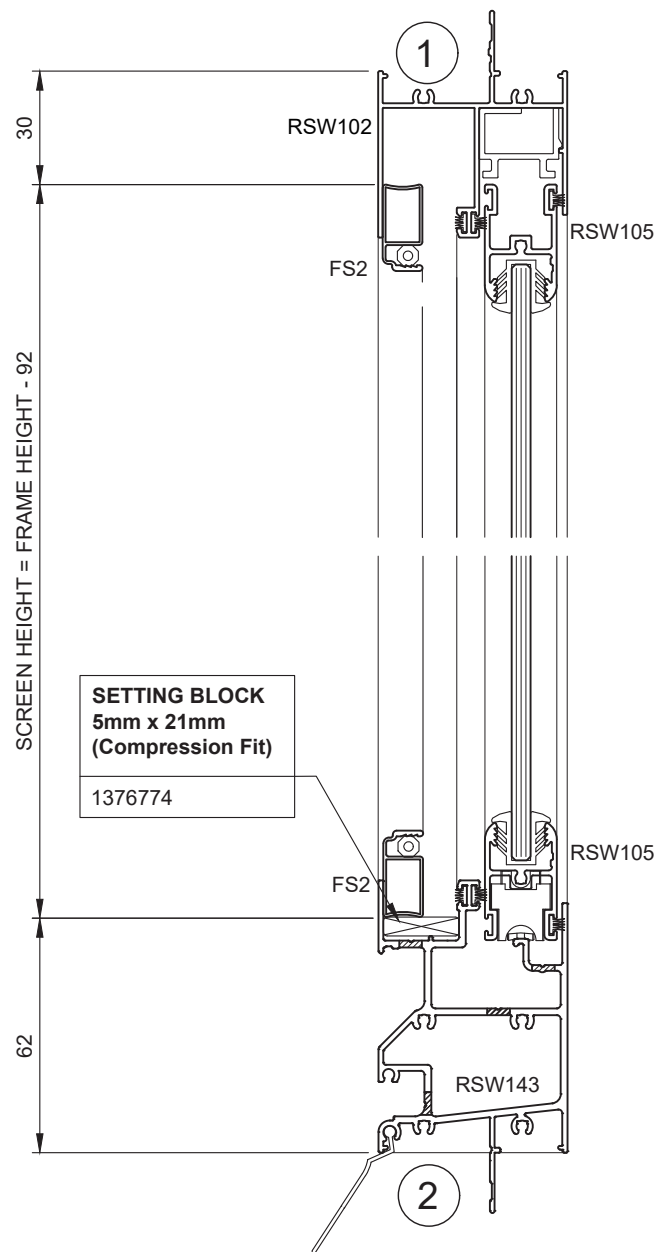
8. Typical Details

Vertical Detail - Fly Screen - Medium Sill (RSW114)



8. Typical Details

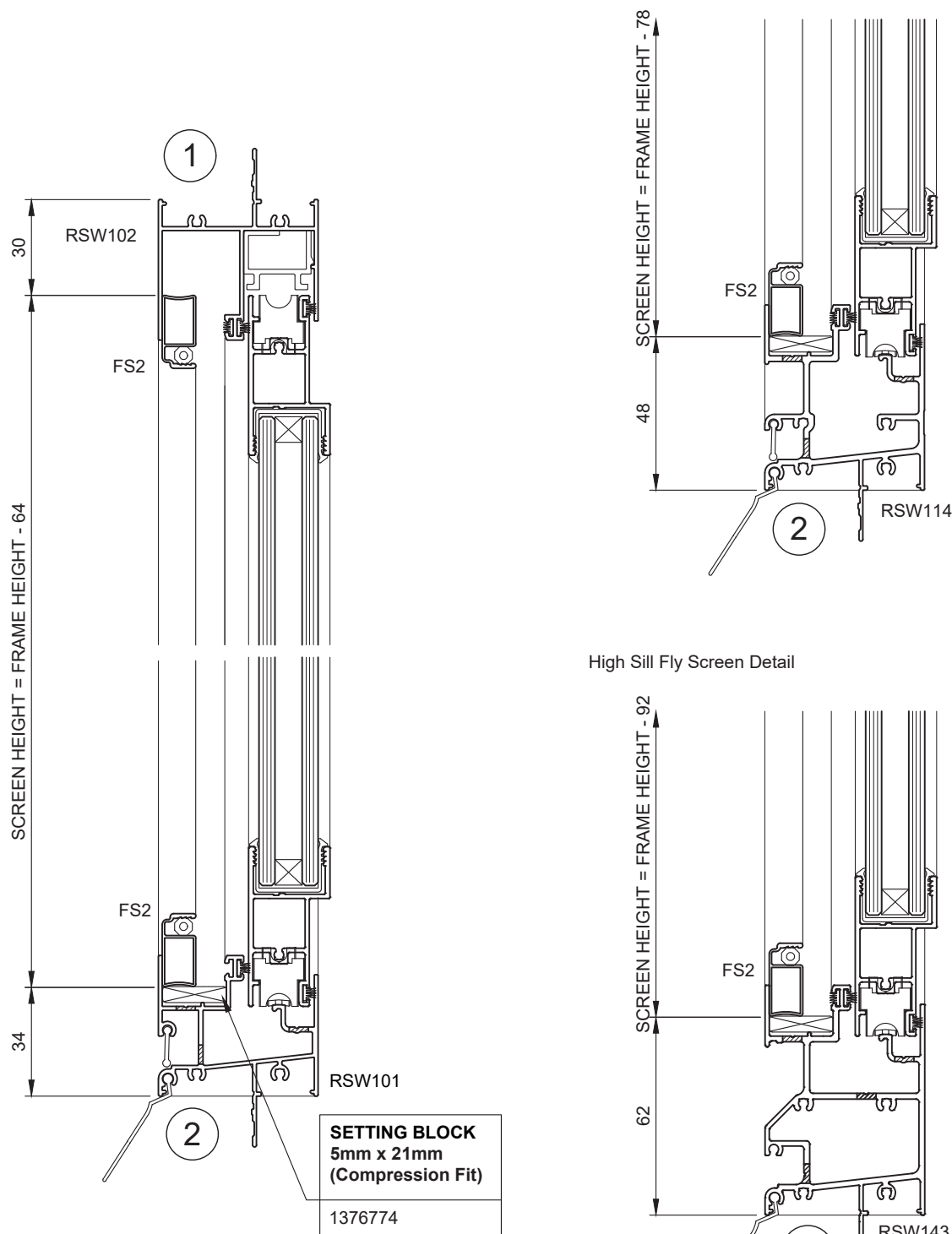
Vertical Detail - Fly Screen - High Sill (RSW143)



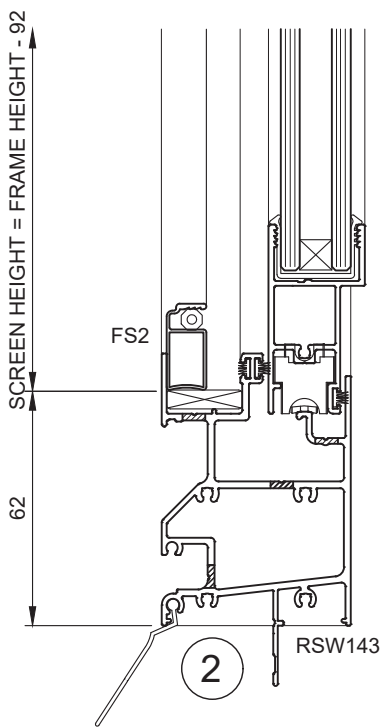
8. Typical Details

Vertical Detail - Fly Screen - Double Glazed Sash

Medium Sill (300Pa Water) Fly Screen Detail

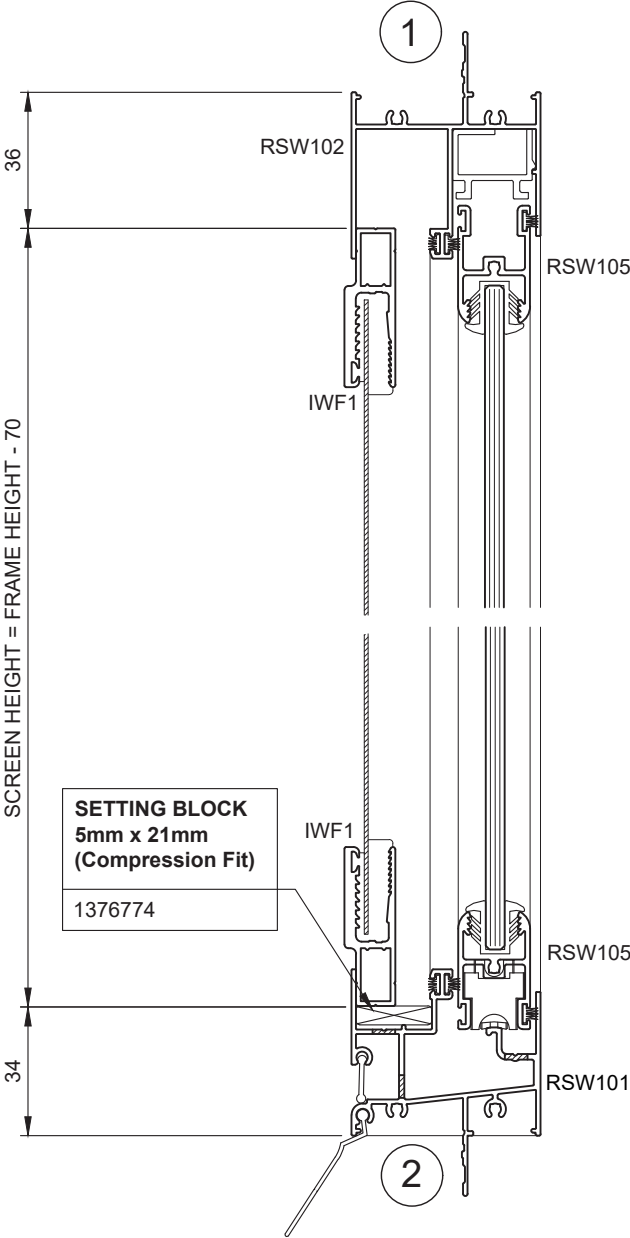


High Sill Fly Screen Detail



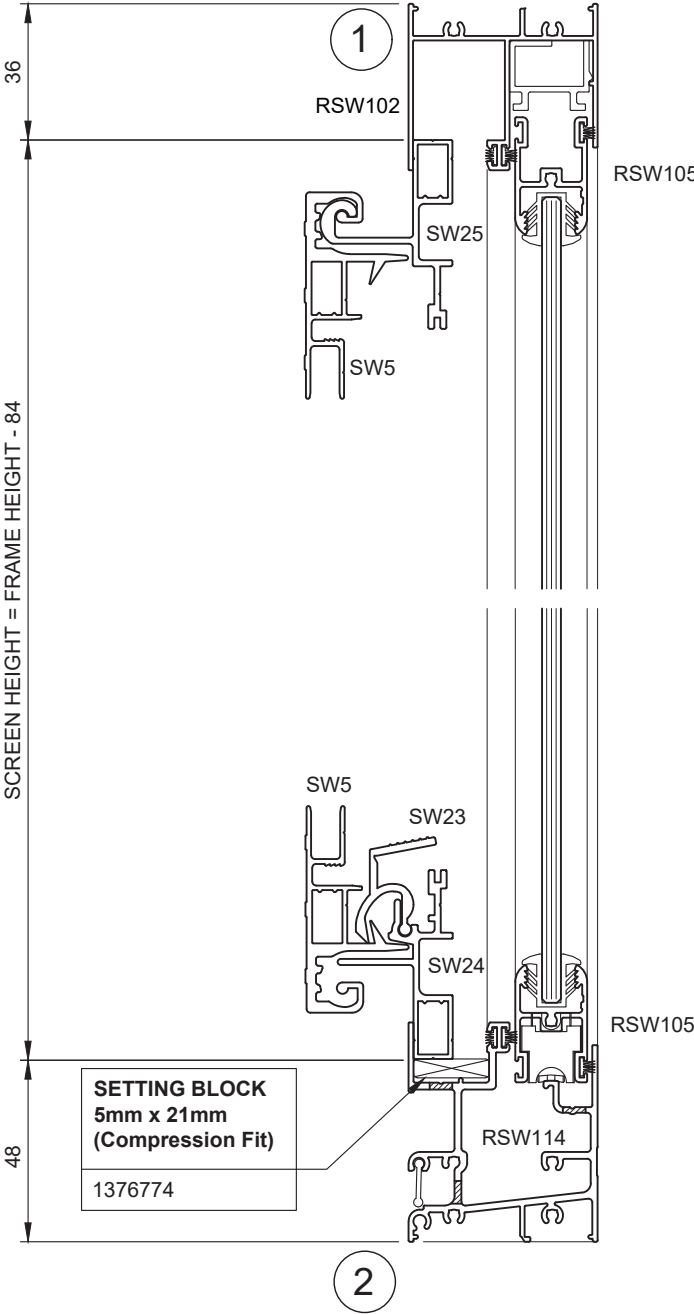
8. Typical Details

Vertical Detail - Invisi-Gard Screen - Standard Sill



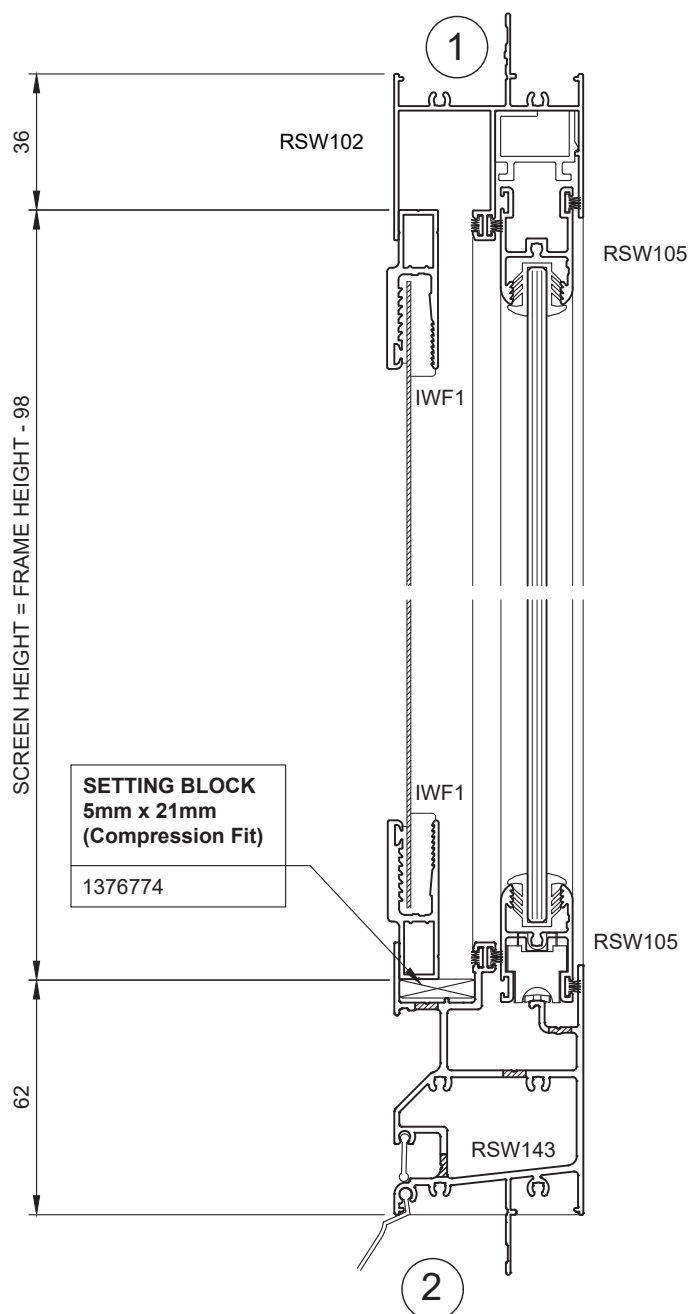
8. Typical Details

Vertical Detail - Escape Screen - Medium Sill



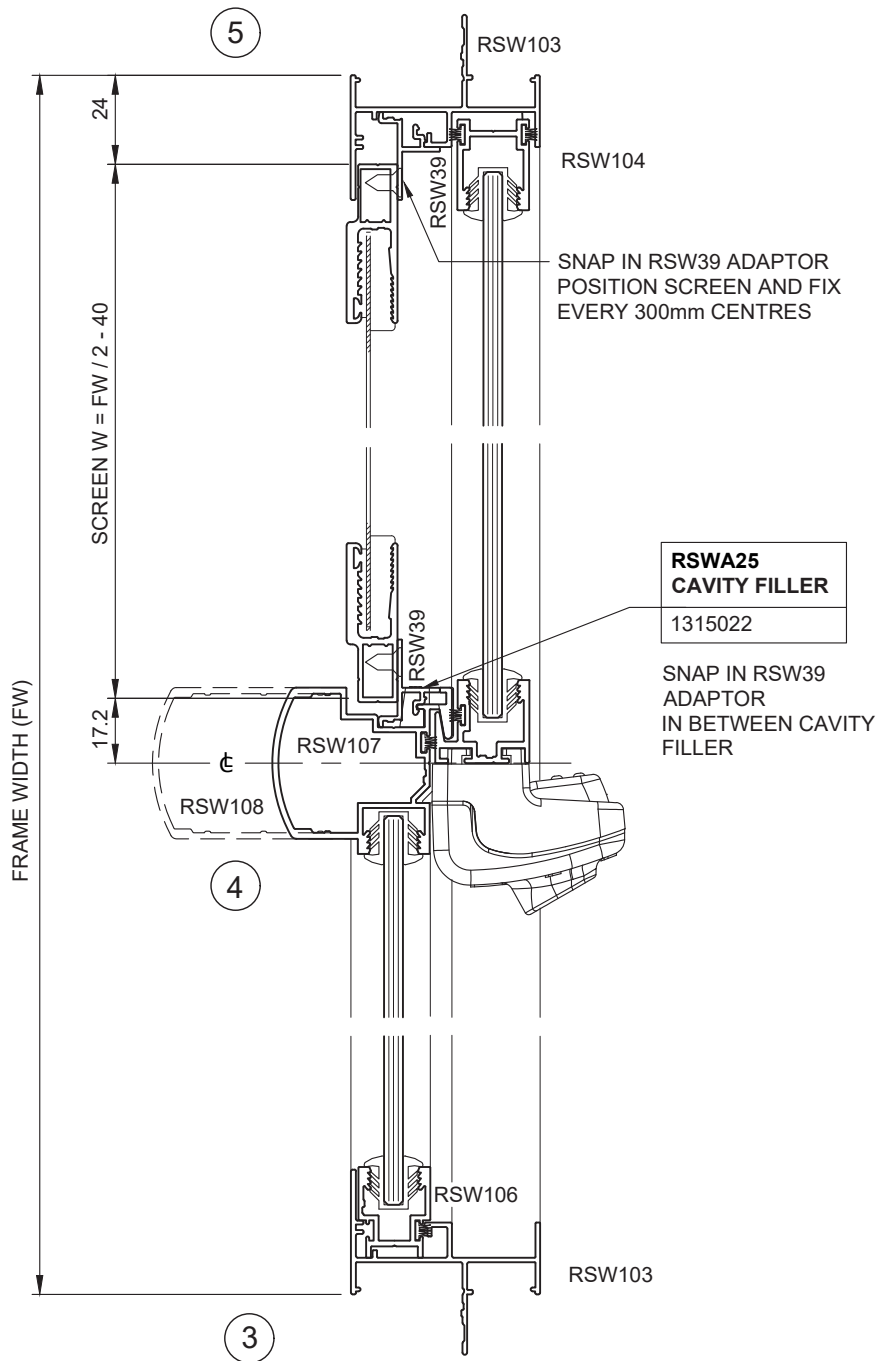
8. Typical Details

Vertical Detail - Invisi-Gard Screen - High Sill



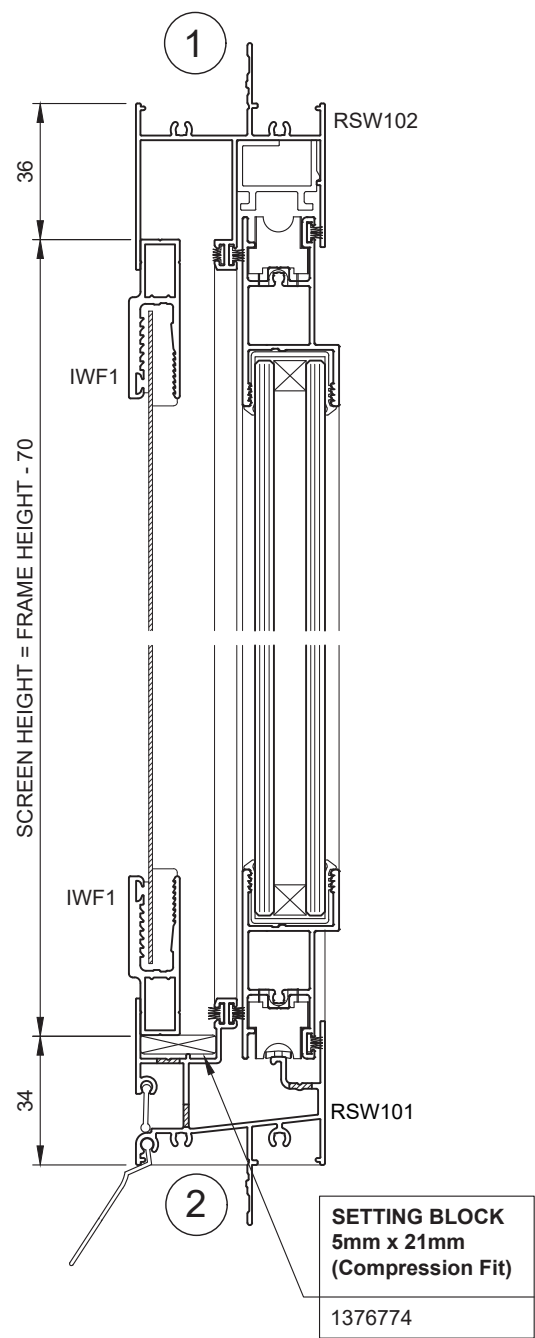
8. Typical Details

Horizontal Detail - Invisi-Gard Screen

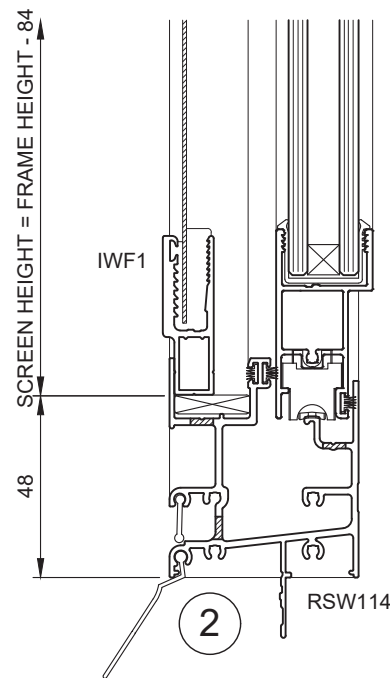


8. Typical Details

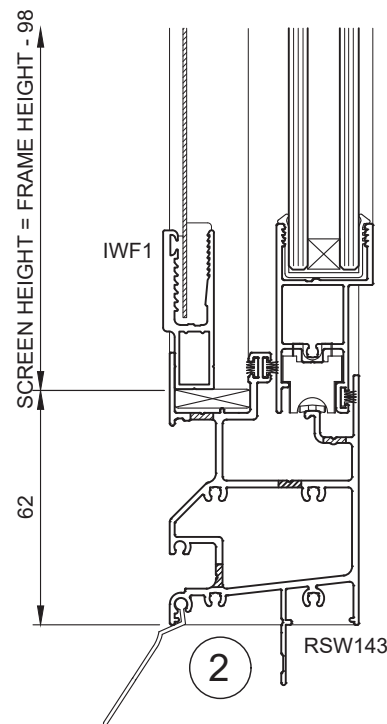
Vertical Detail - Invisi-Gard Screen - Double Glazed



Medium Sill (300Pa Water) Fly Screen Detail

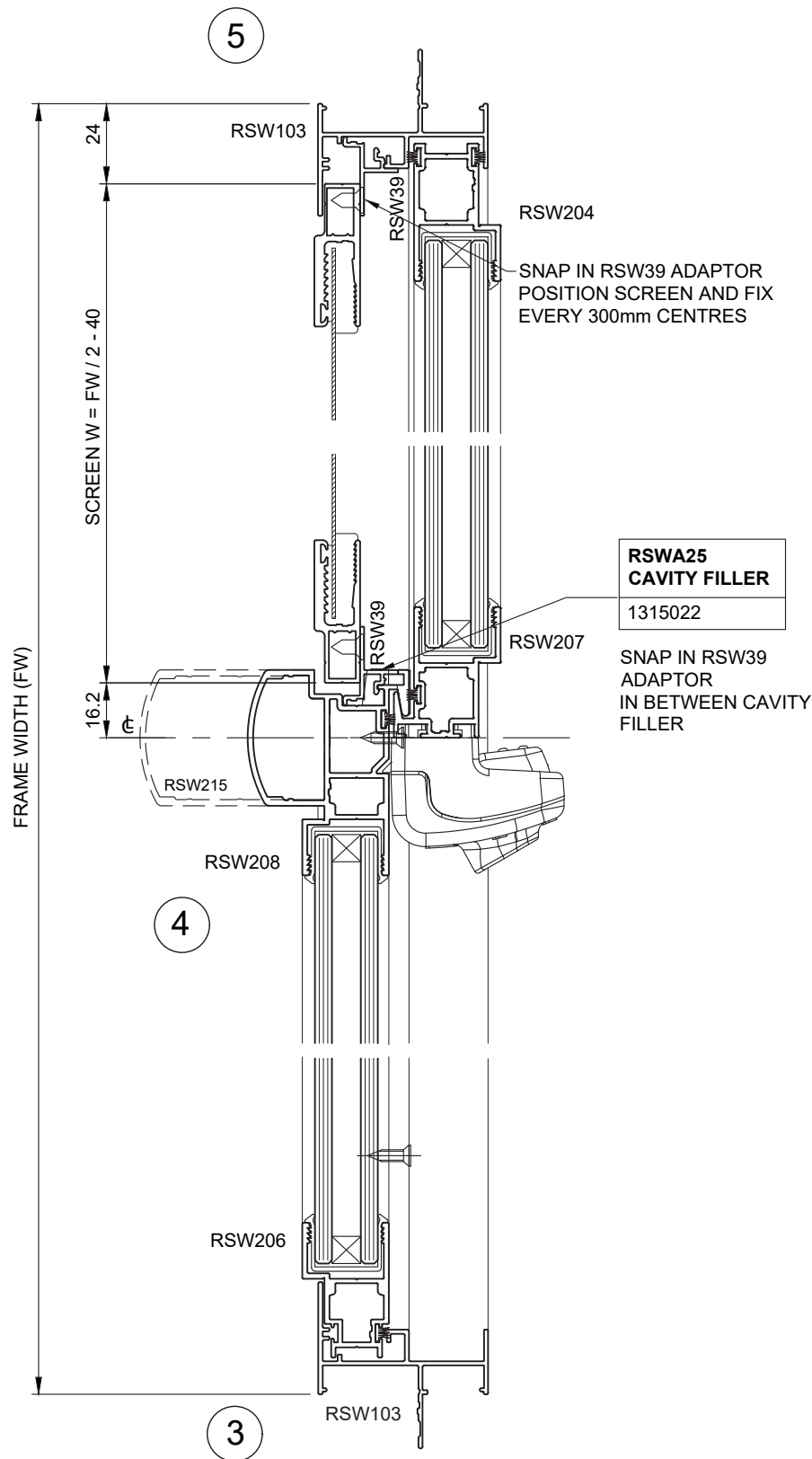


High Sill Fly Screen Detail



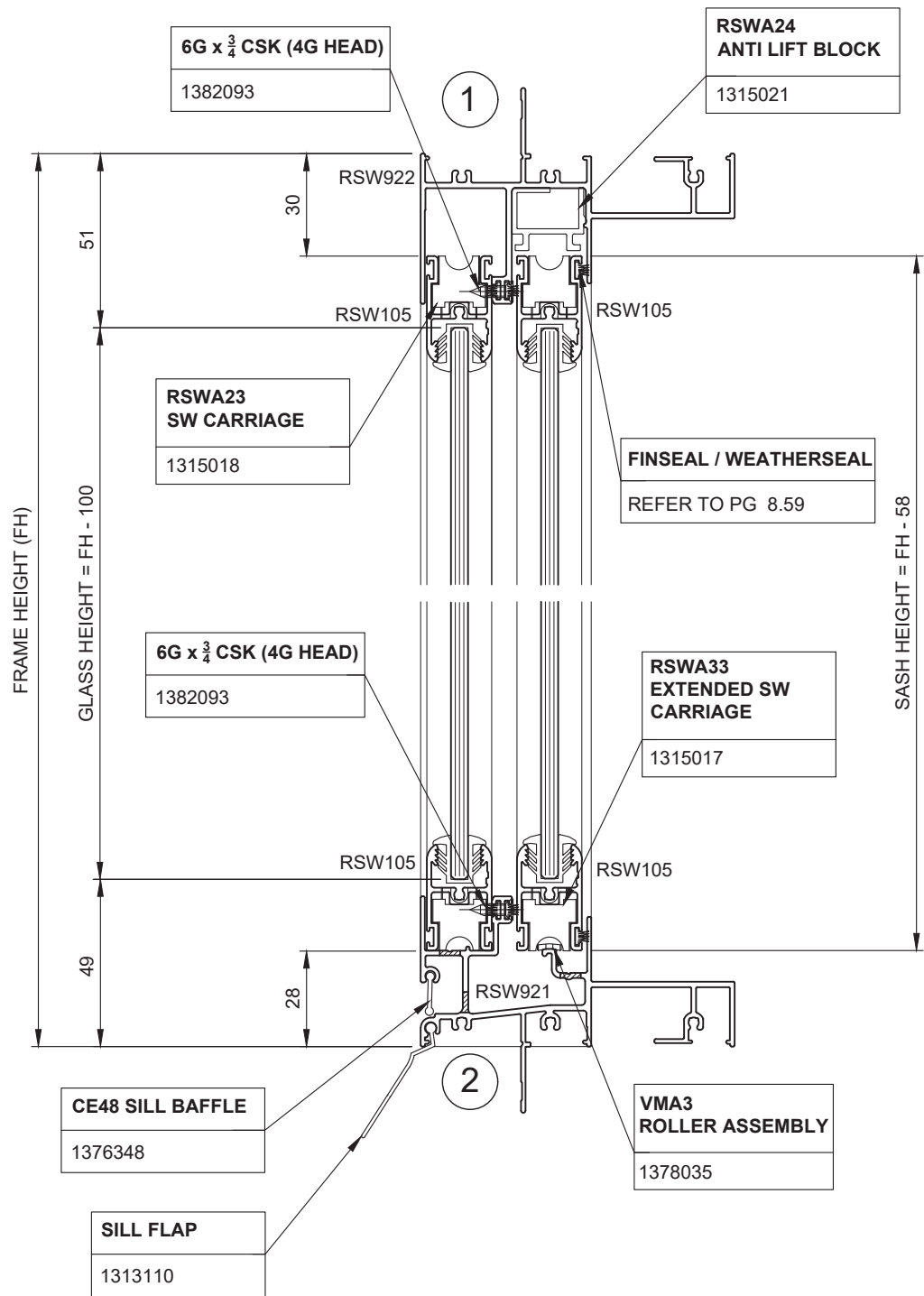
8. Typical Details

Horizontal Detail - Invisi-Gard Screen - Double Glazed



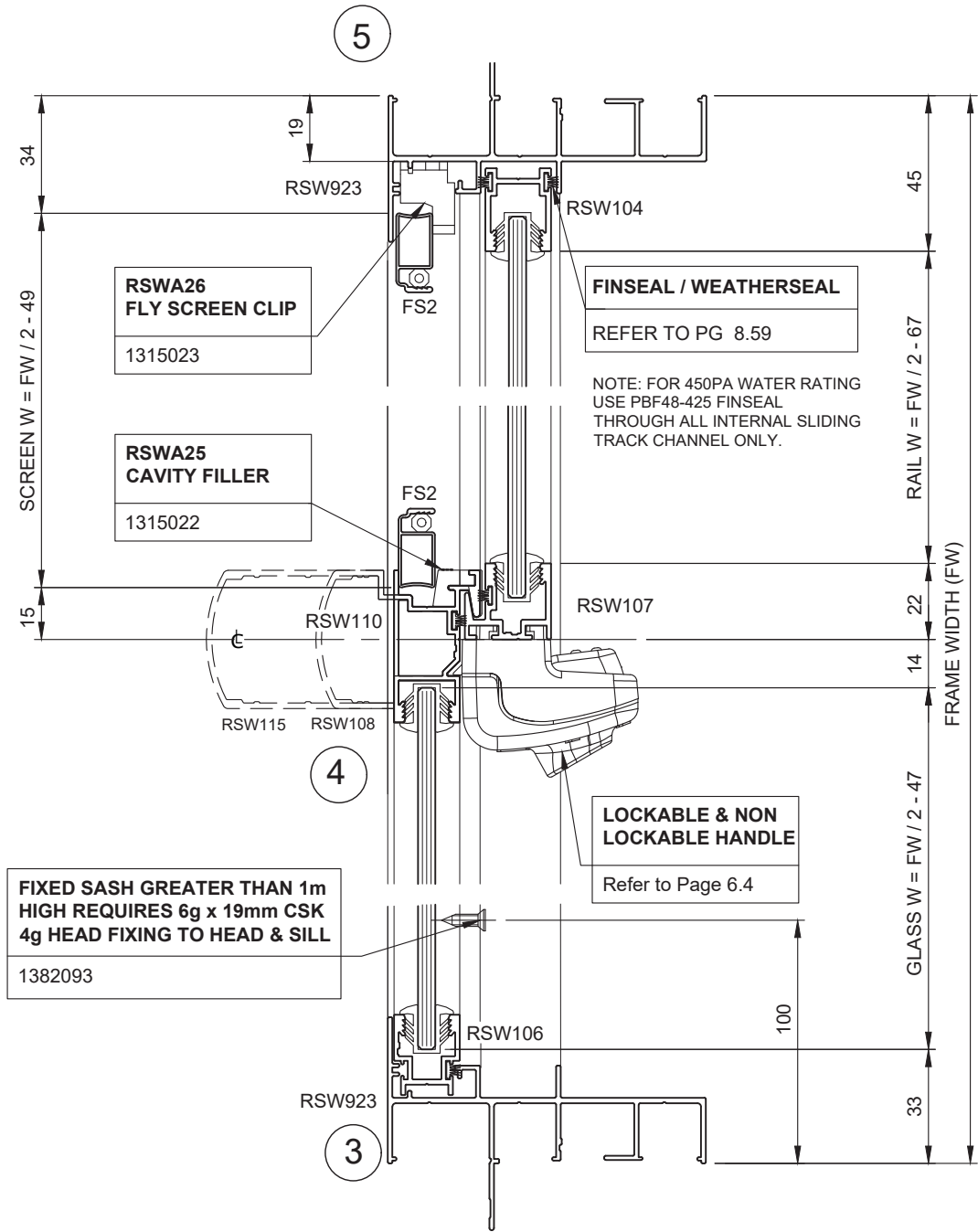
8. Typical Details

Vertical Detail - 92mm Frame - Standard Sill (150Pa - 200Pa)



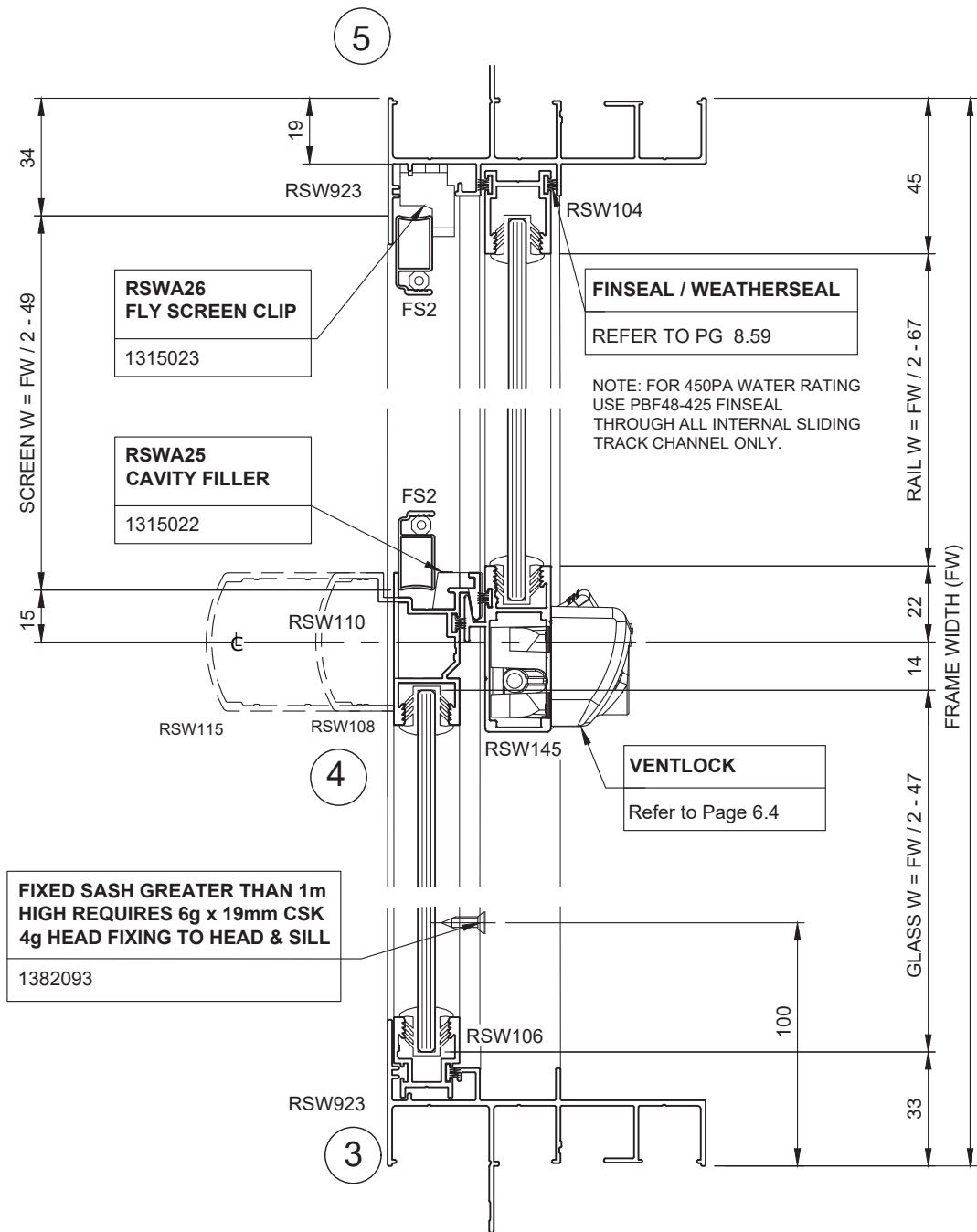
8. Typical Details

Horizontal Detail - 92mm Frame - XO Slider



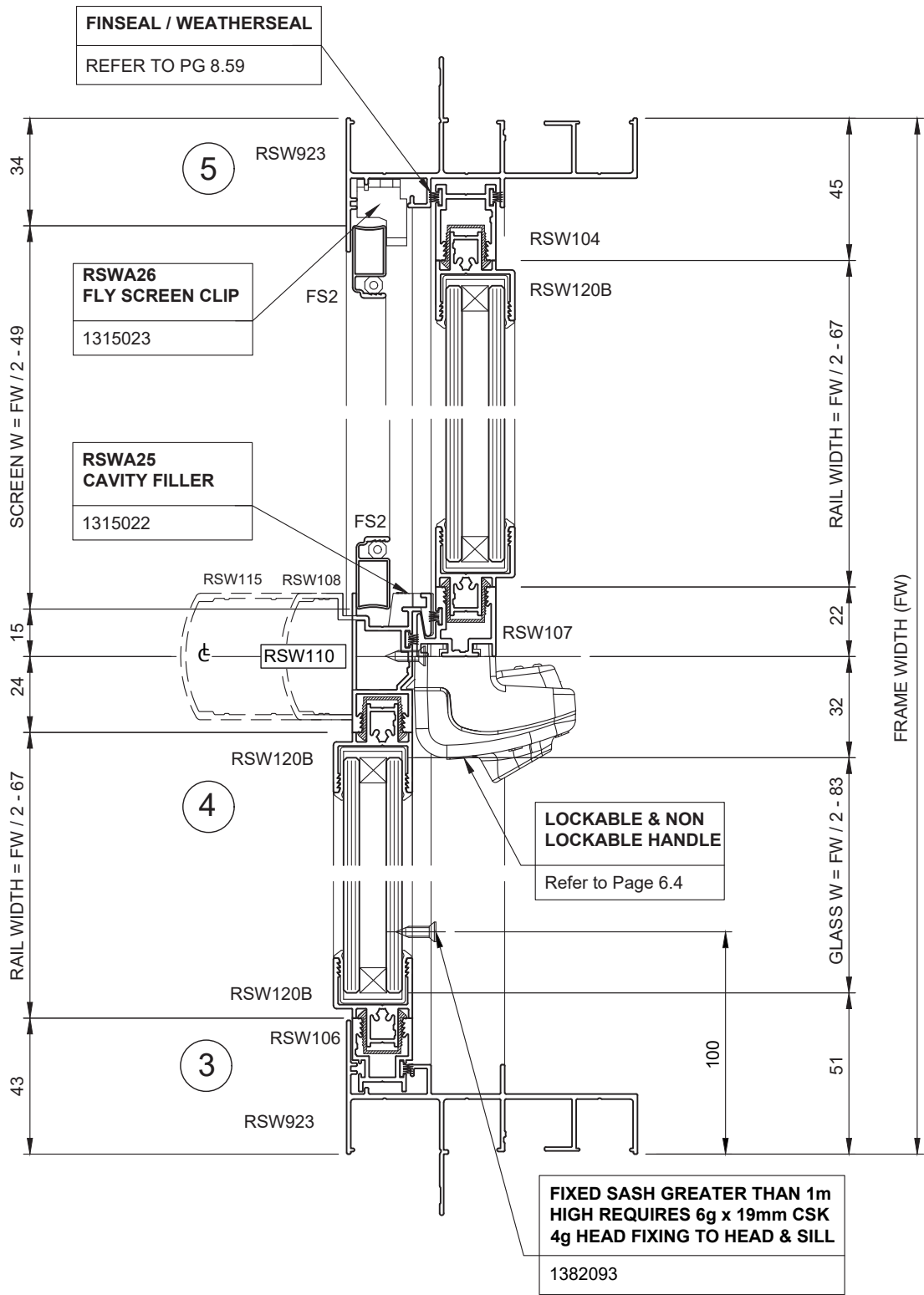
8. Typical Details

Horizontal Detail - 92mm Frame - XO Slider



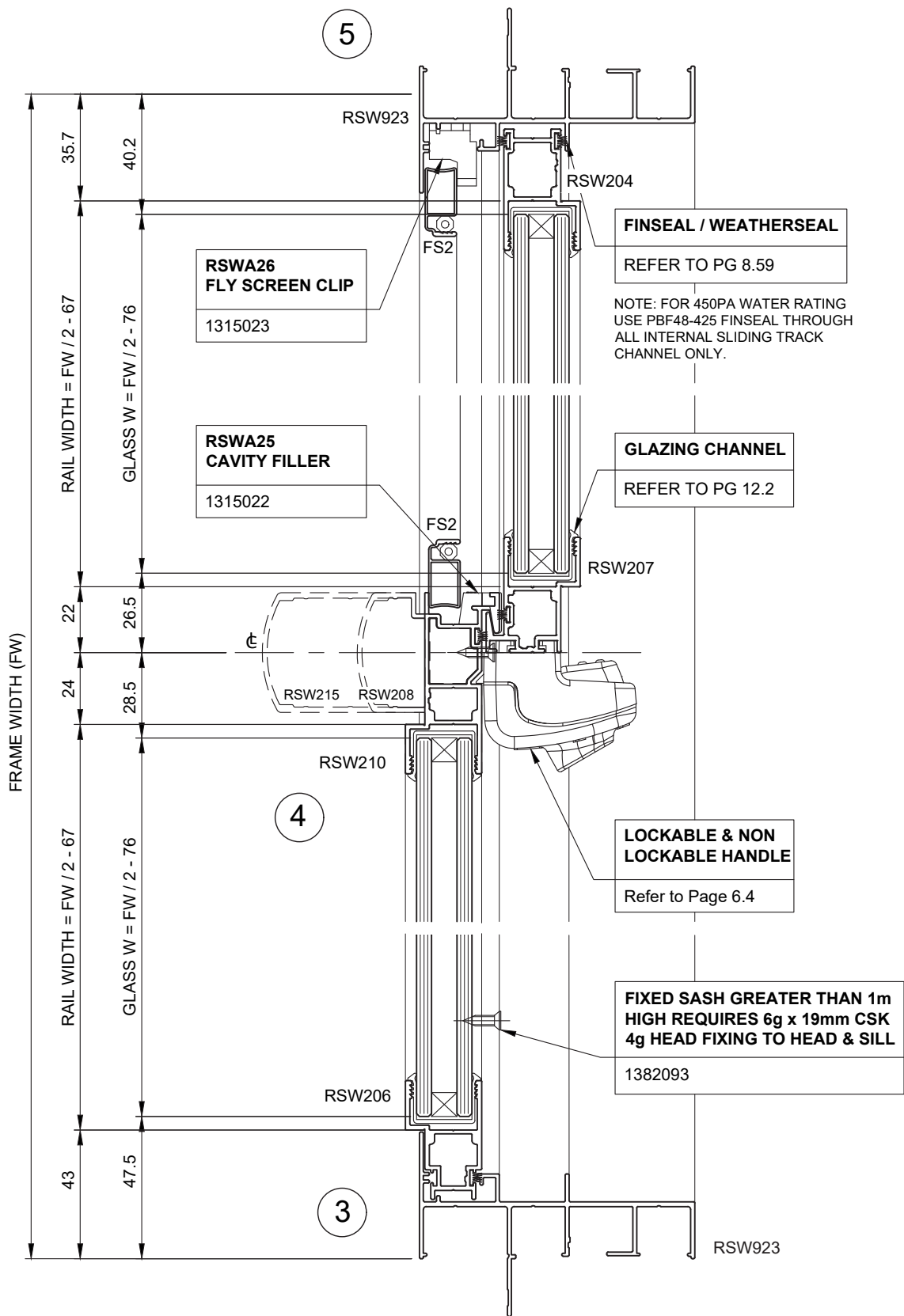
8. Typical Details

Horizontal Detail - 92mm Frame - XO Slider



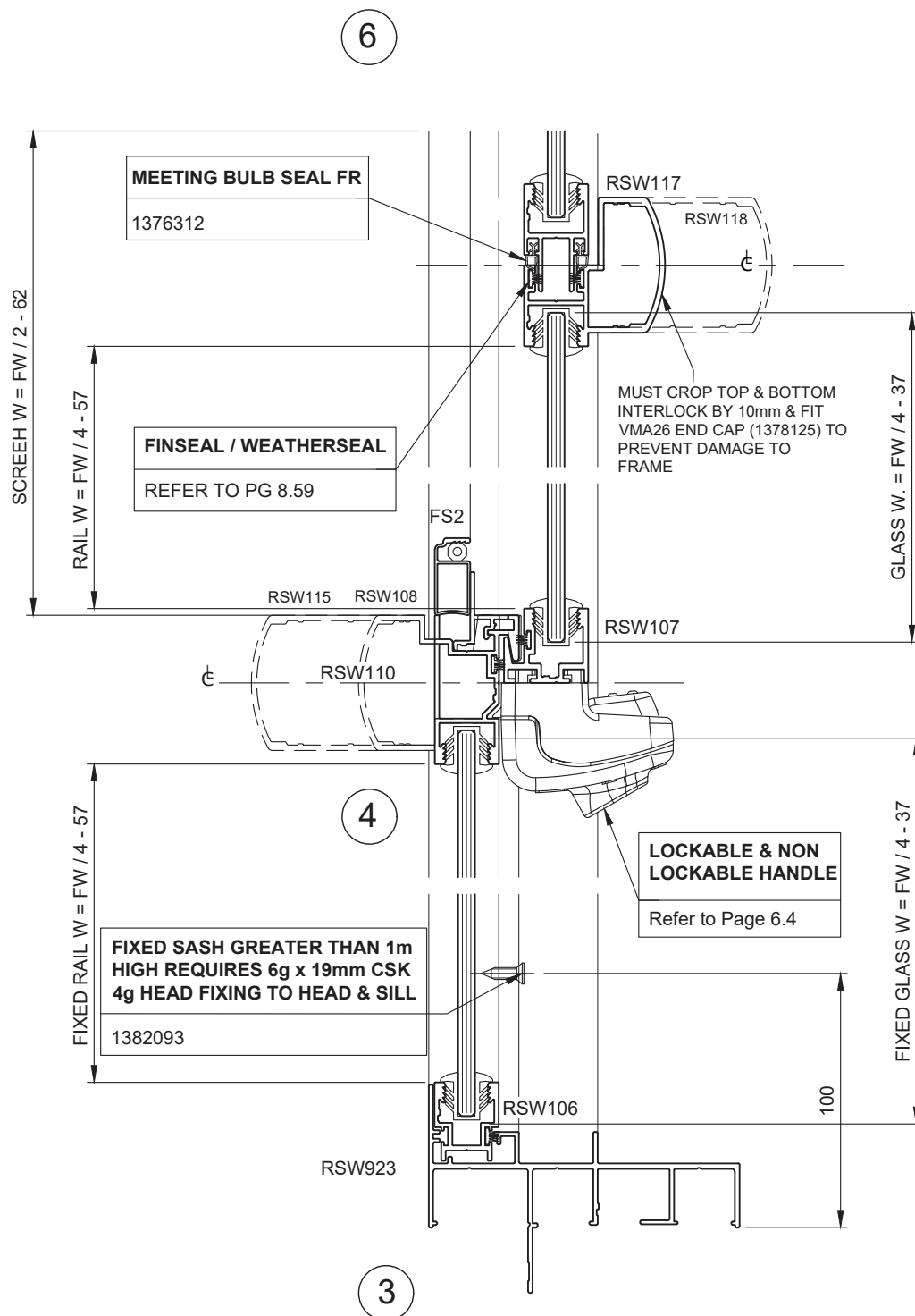
8. Typical Details

Horizontal Detail - 92mm Frame - Double Glazed XO Slider



8. Typical Details

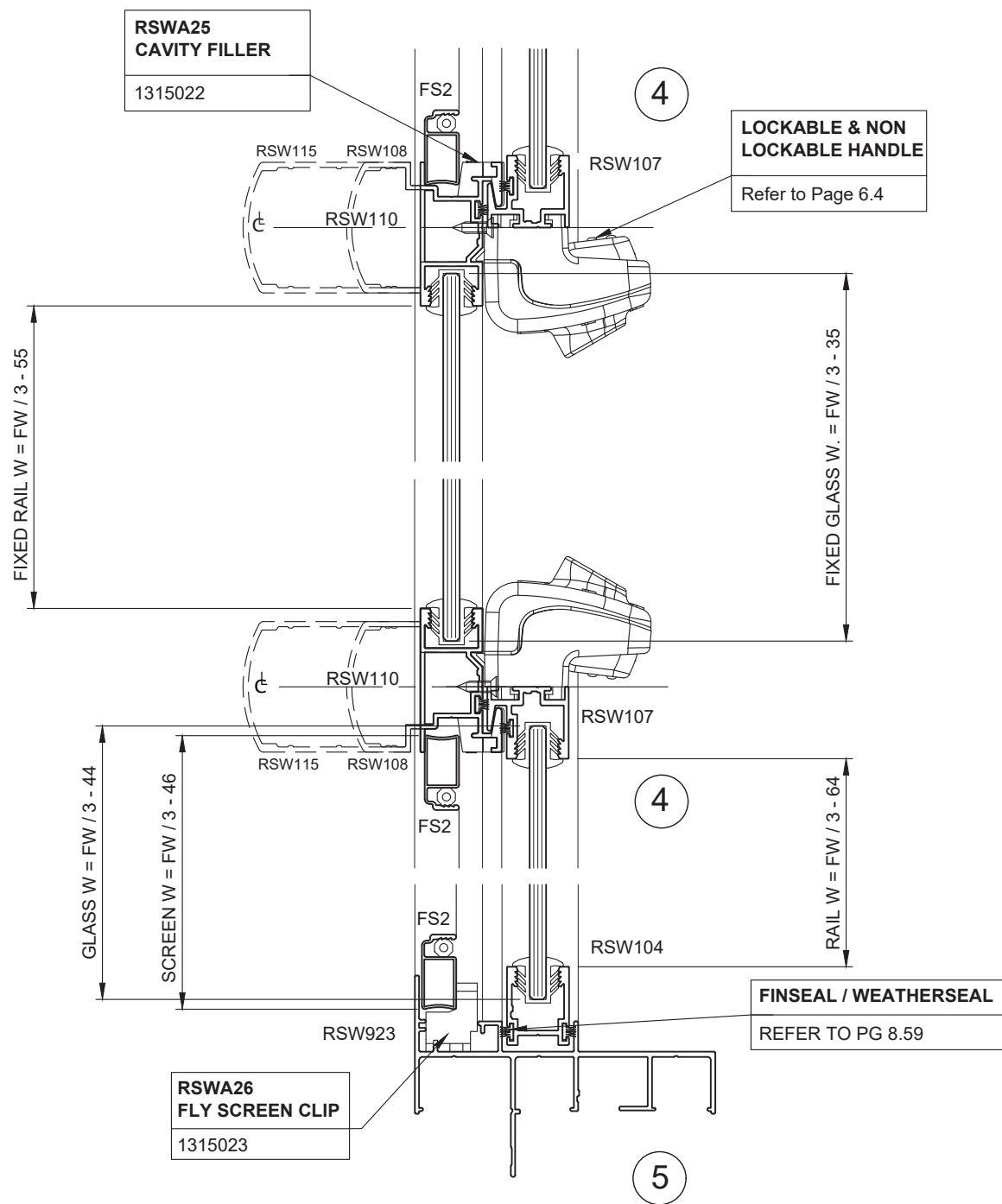
Horizontal Detail - 92mm Frame - OXXO Slider



NOTE: ALL PANELS ARE EQUAL GLASS FOR 1/4-1/2-1/4 CONFIGURATION

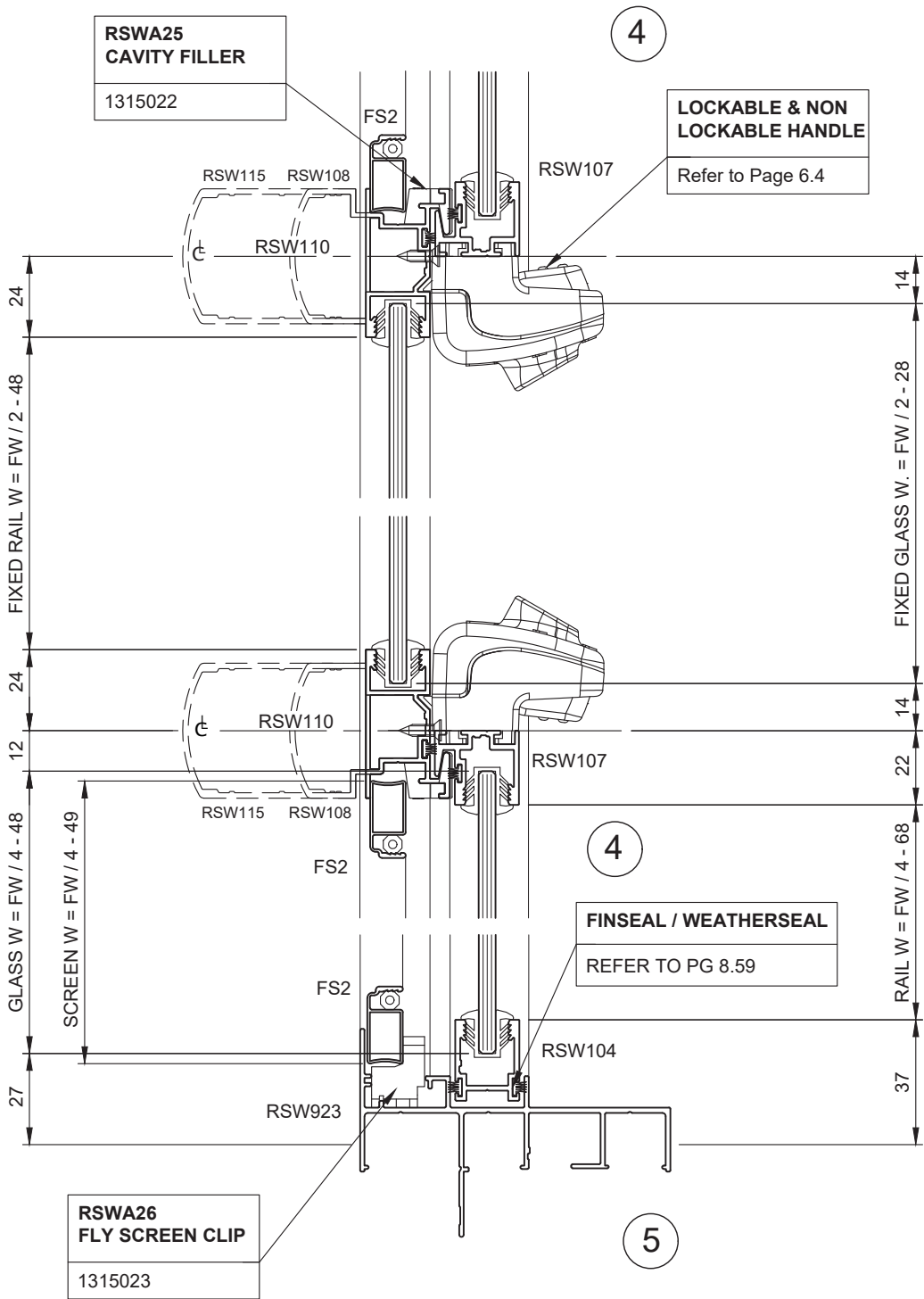
8. Typical Details

Horizontal Detail - 92mm Frame - XOX Slider (Equal Glass 1/3)



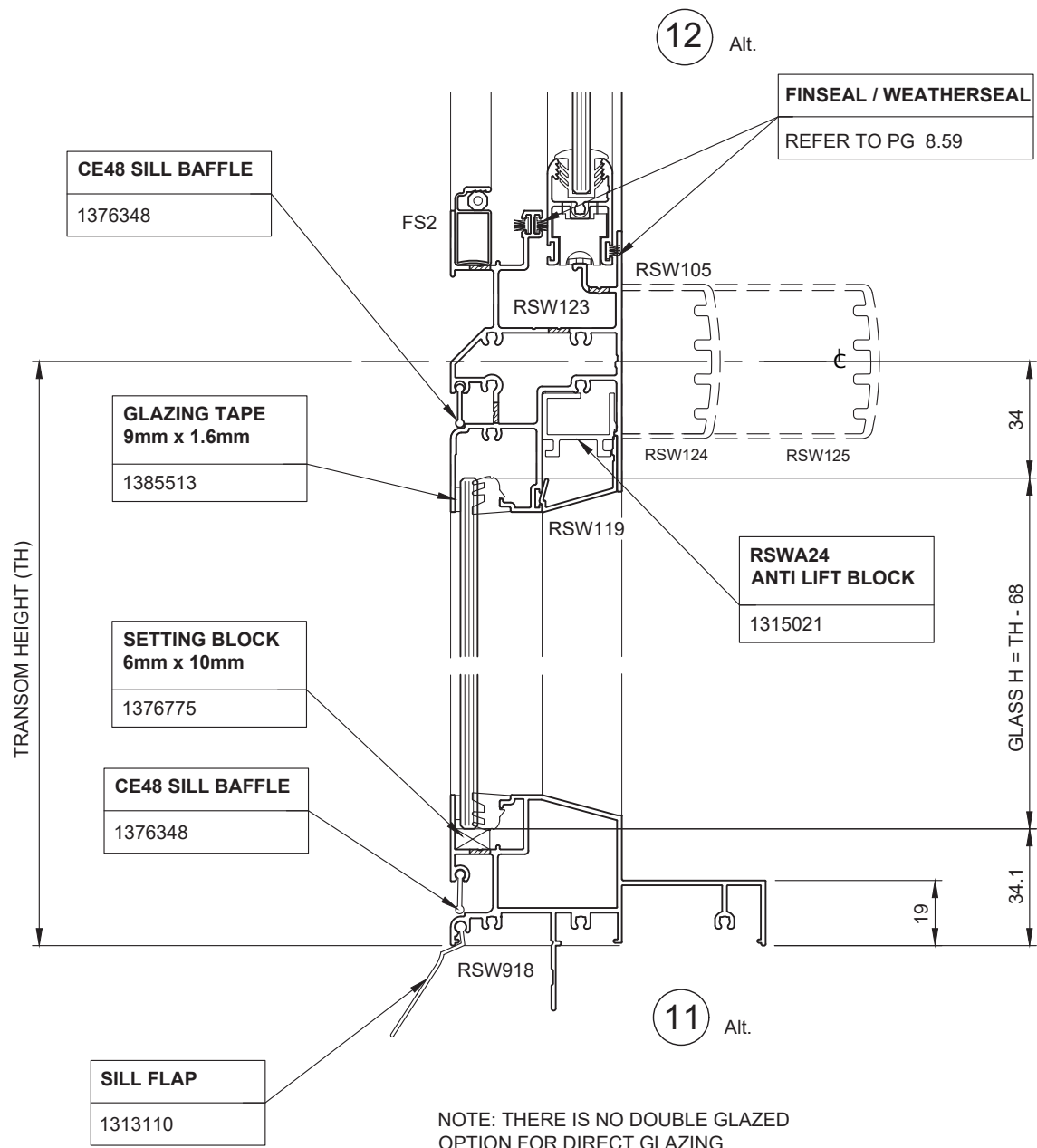
8. Typical Details

Horizontal Detail - 92mm Frame - XOX Slider (1/4 - 1/2 - 1/4)



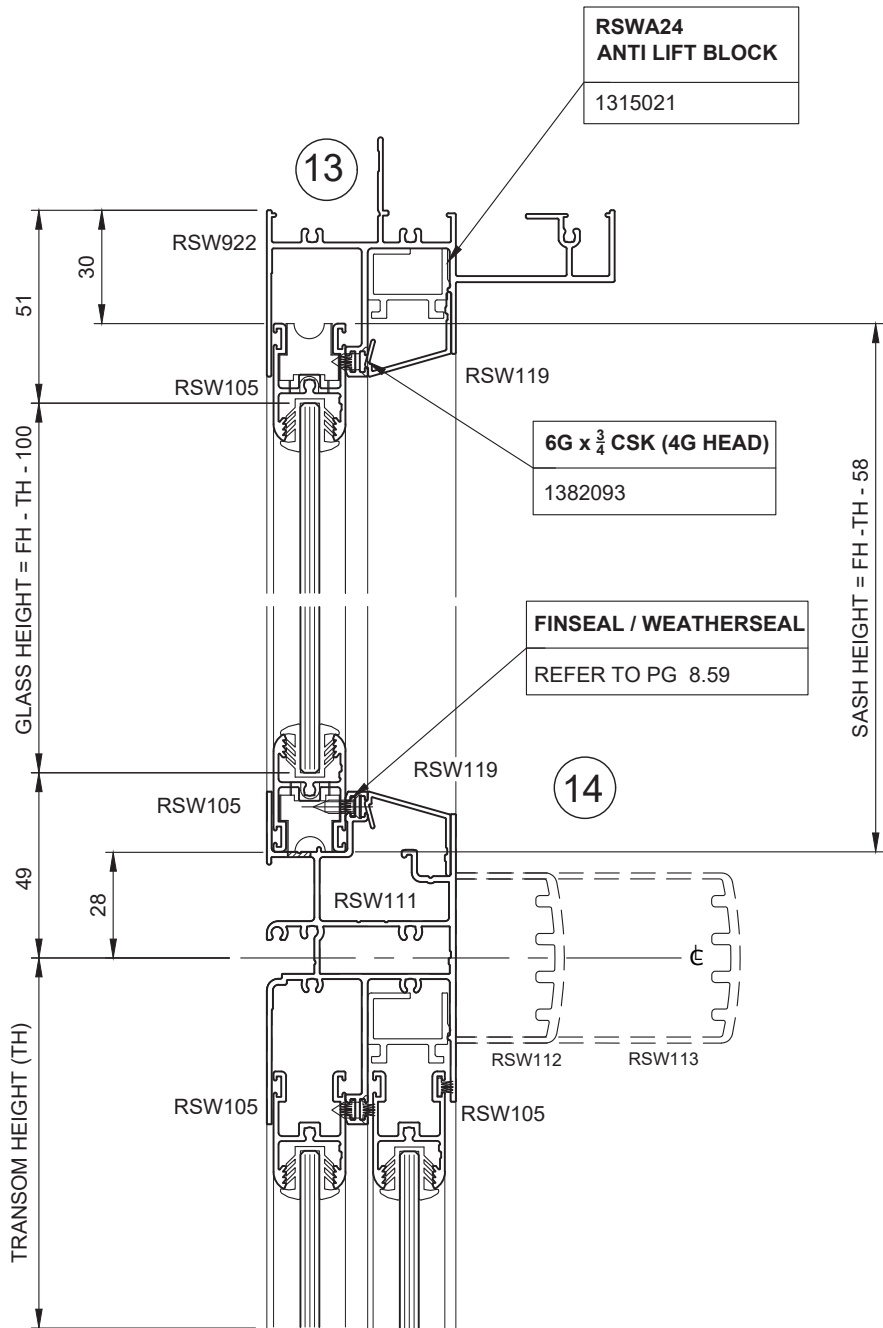
8. Typical Details

Vertical Detail - 92mm Frame - Direct Glazed Optional Low Lite



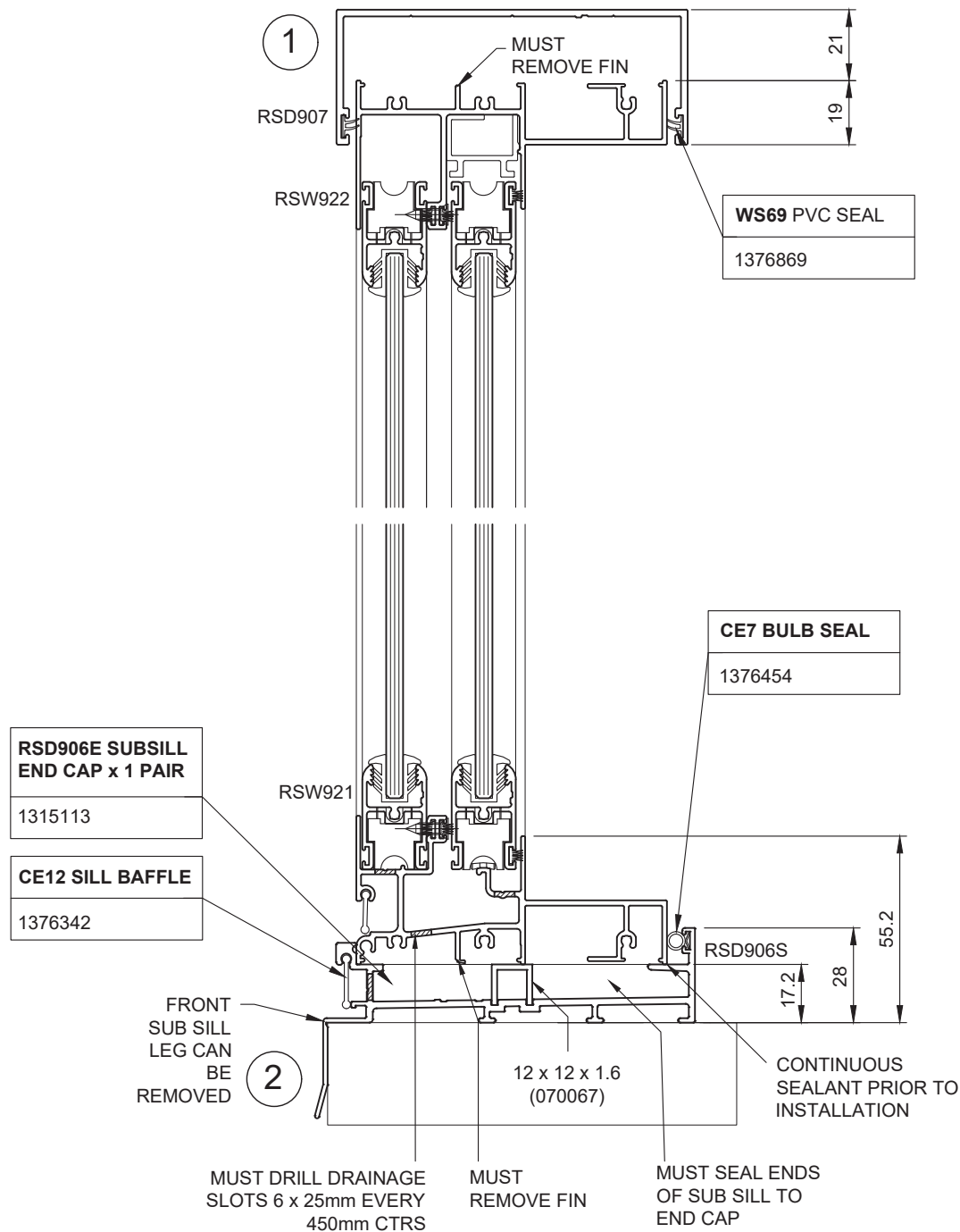
8. Typical Details

Vertical Detail - 92mm Frame - Sash Glazed Hi Lite - Int Transom



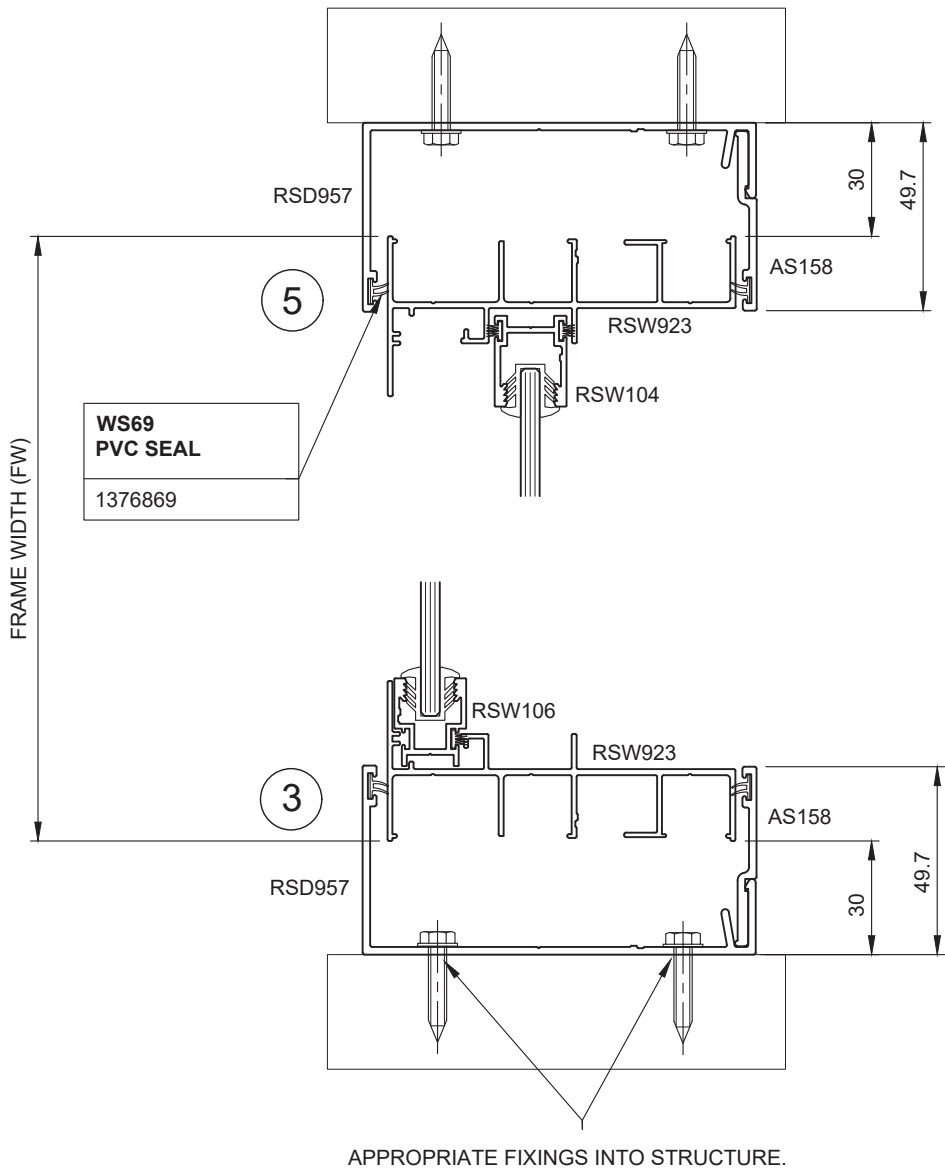
8. Typical Details

Vertical Detail - 92mm Frame - Standard Sill & Sub Sill



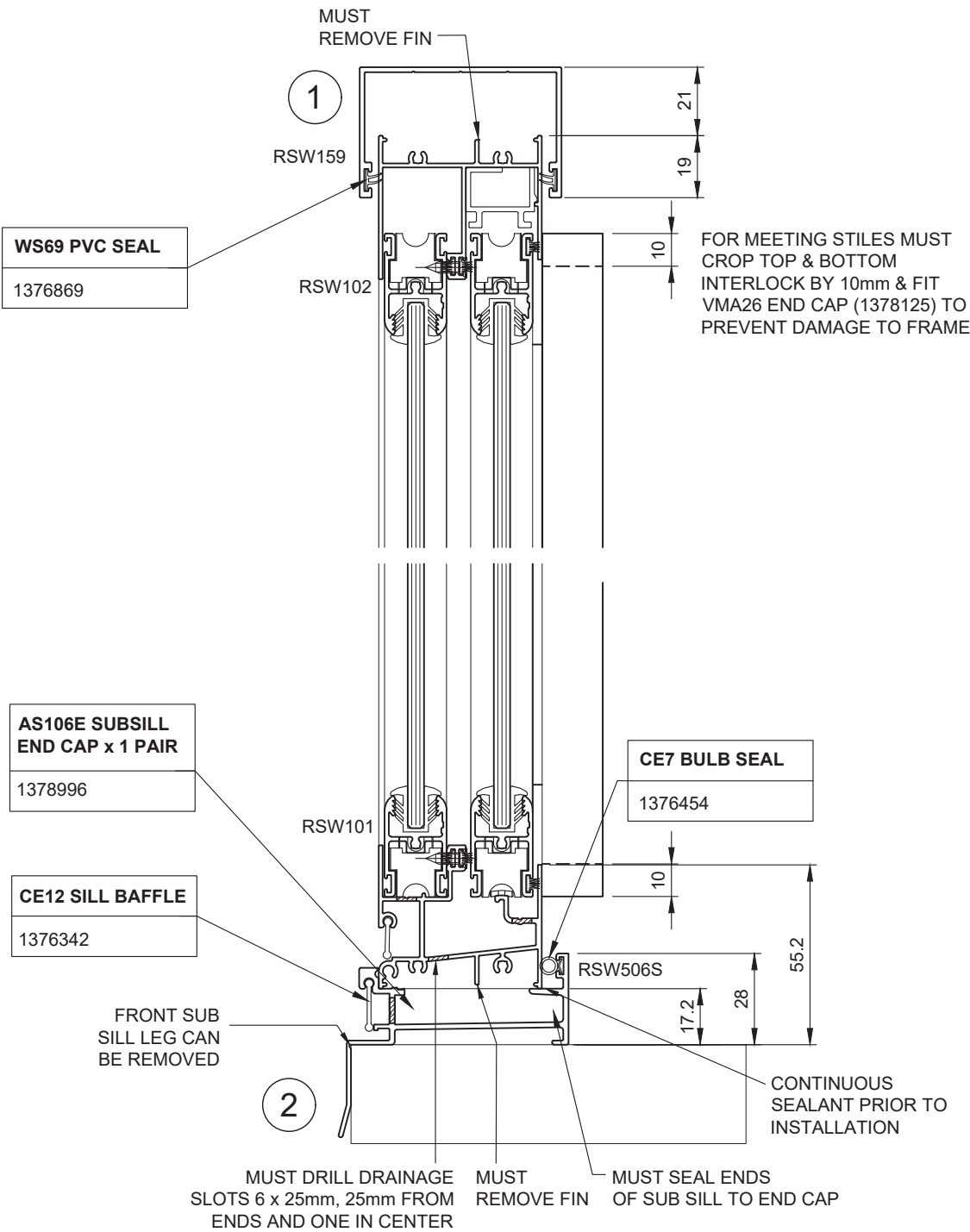
8. Typical Details

Horizontal Detail - 92mm Frame - Sub Jamb



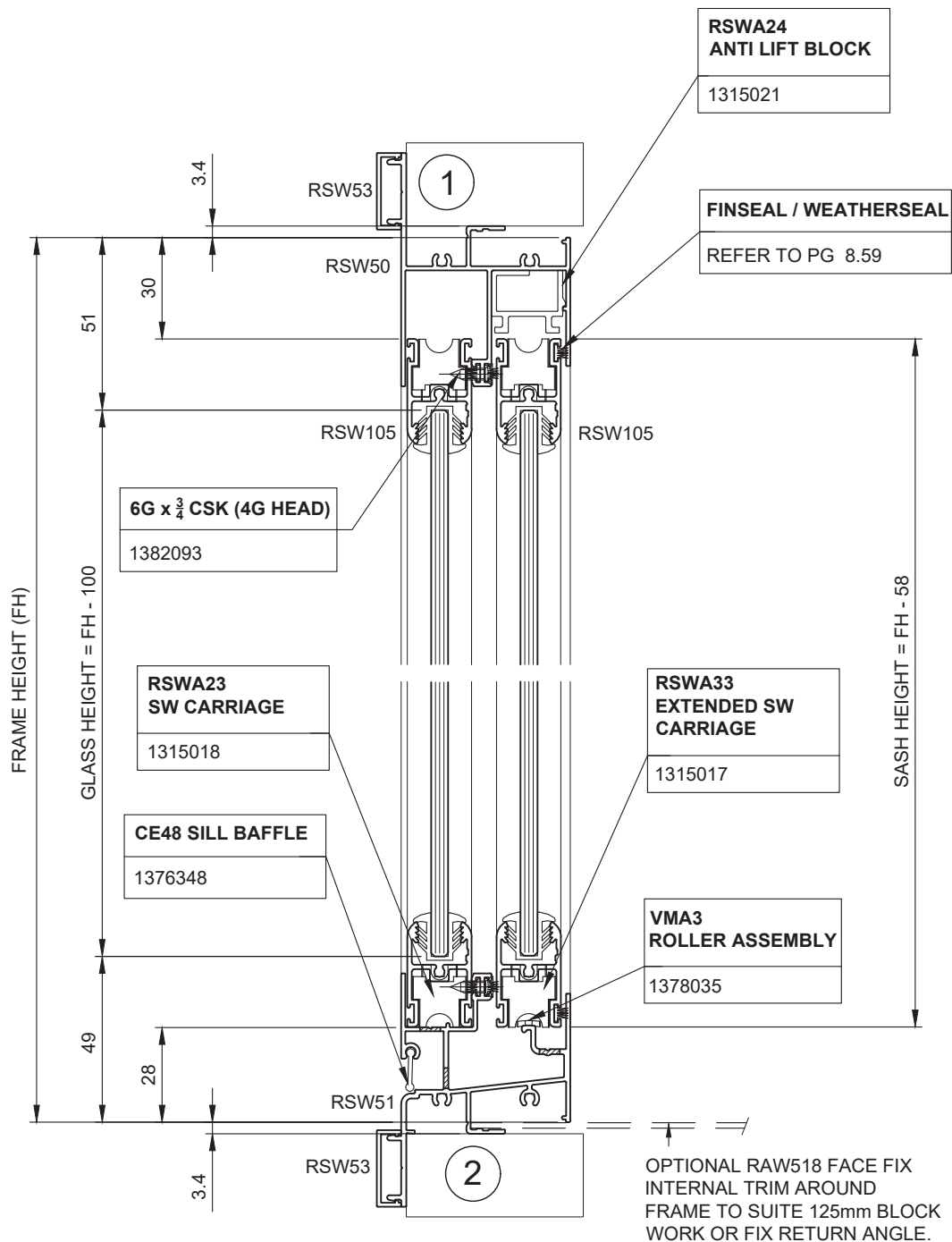
8. Typical Details

Vertical Detail - 50mm Frame - Standard Sill & Sub Sill



8. Typical Details

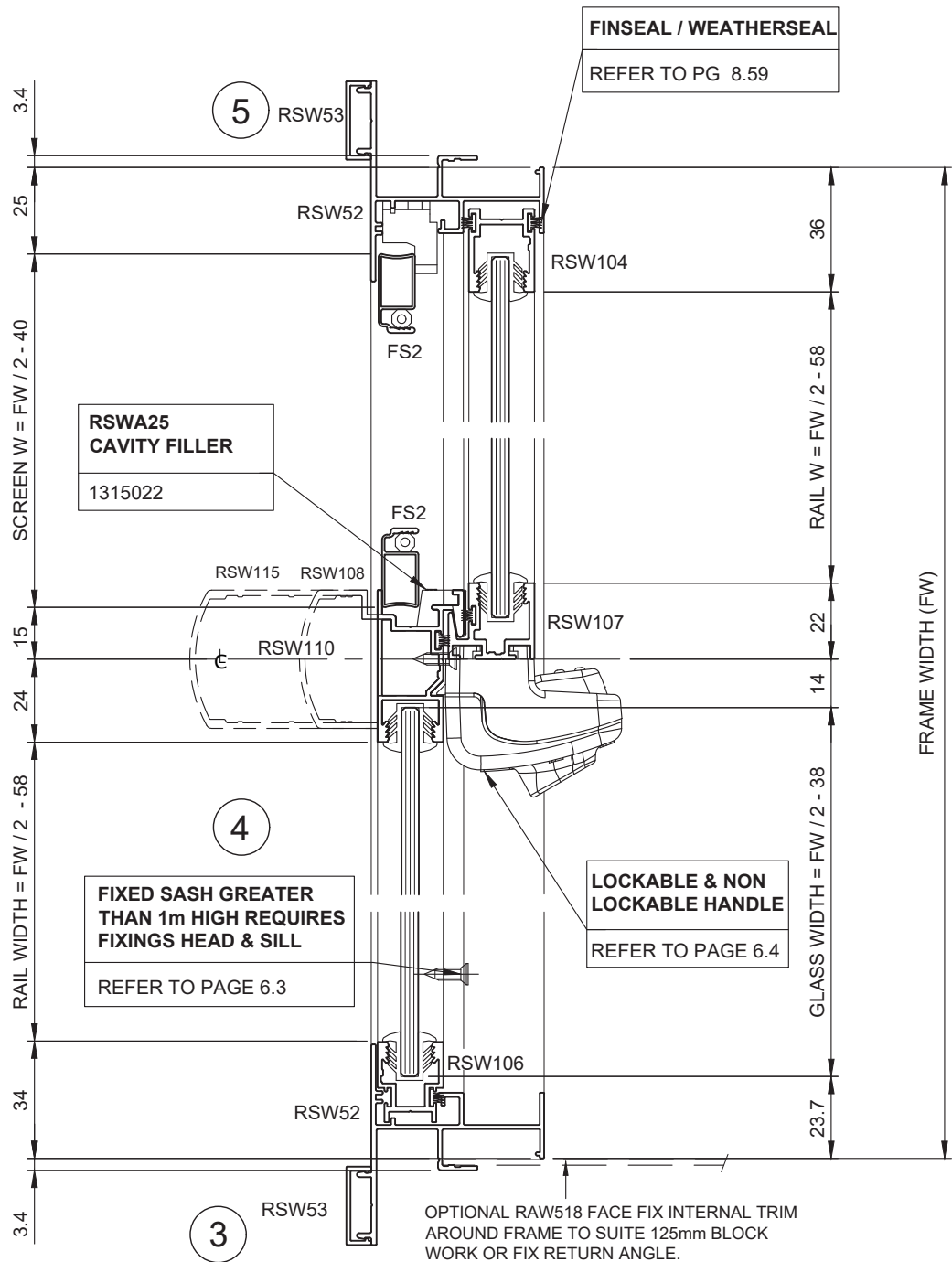
Vertical Detail - Face Fix Slider - Standard Sill (150Pa - 200Pa)



NOTE: ALLOW ADDITIONAL 7mm IN HEIGHT & WIDTH CLEARANCE DUE TO EXTENDED INTERNAL TRIM.

8. Typical Details

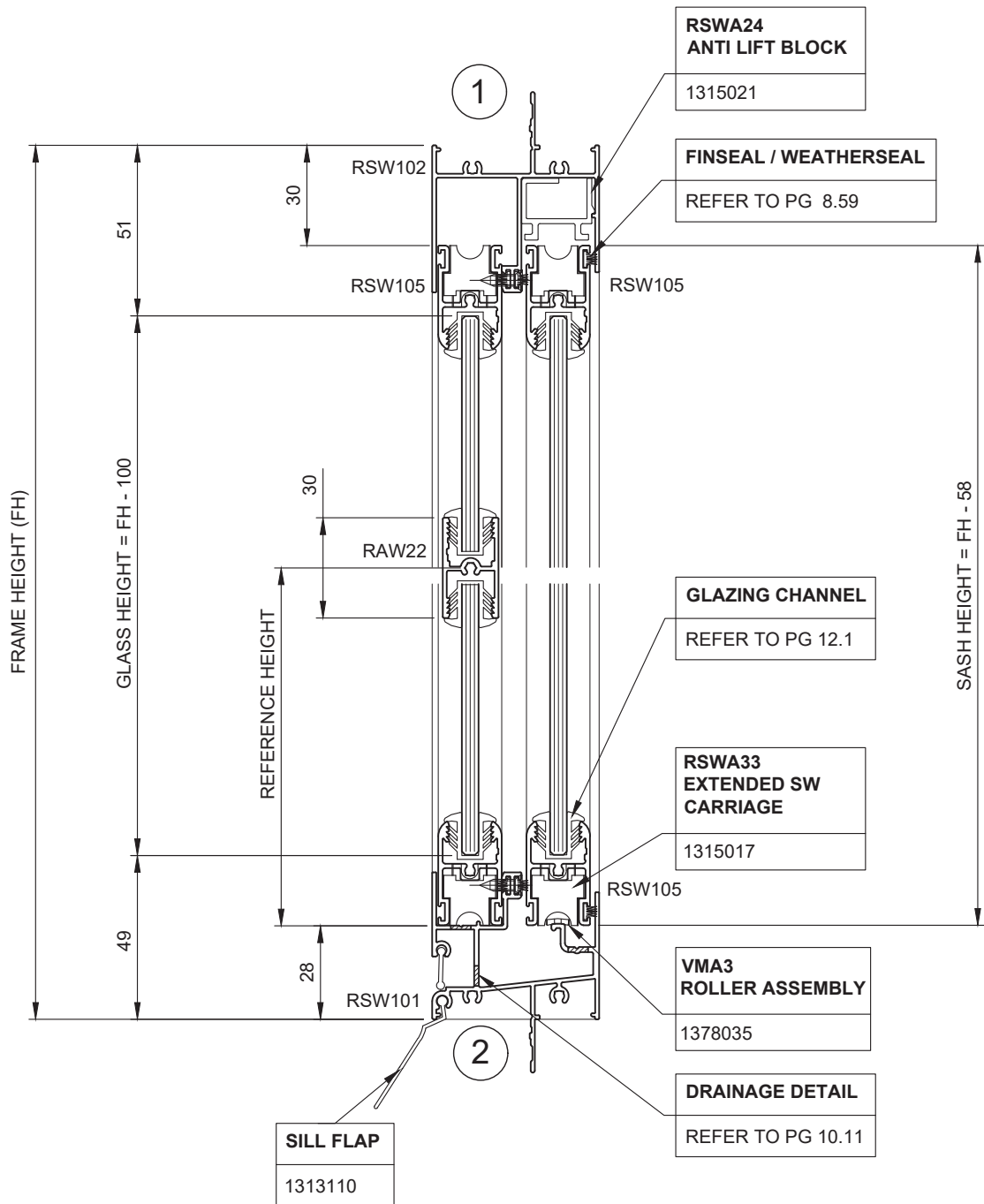
Horizontal Detail - XO Face Fix Slider



NOTE: ALLOW ADDITIONAL 7mm IN HEIGHT & WIDTH CLEARANCE DUE TO EXTENDED INTERNAL TRIM.

8. Typical Details

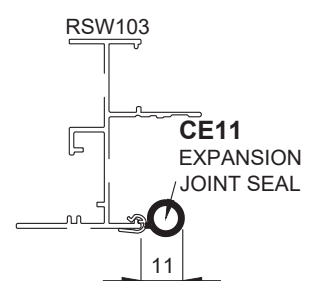
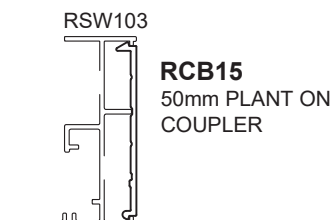
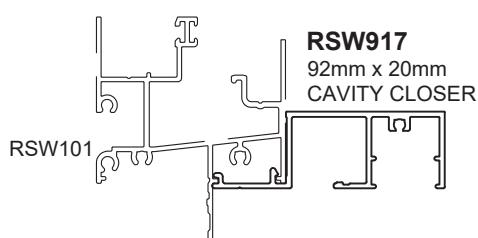
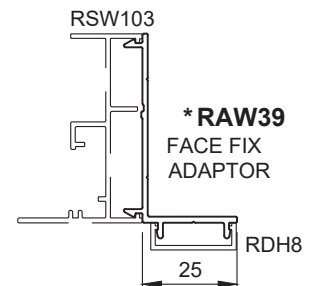
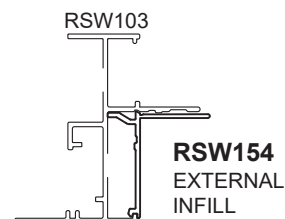
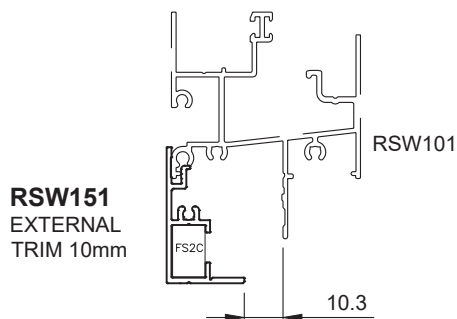
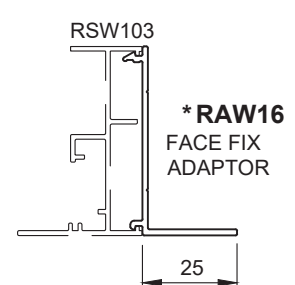
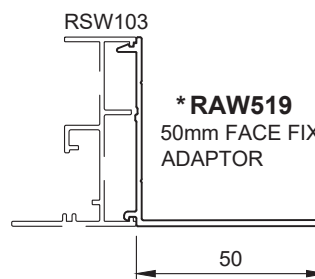
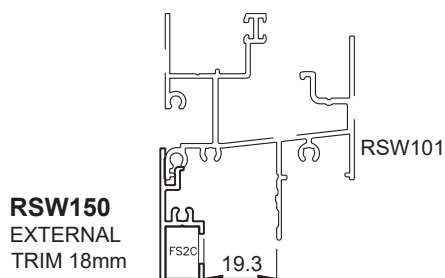
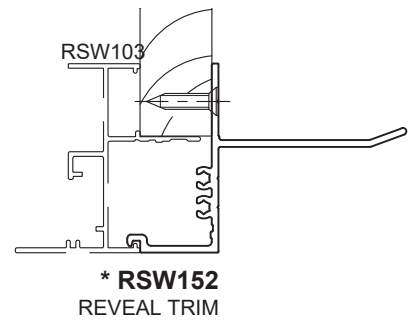
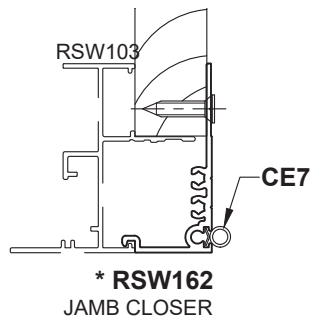
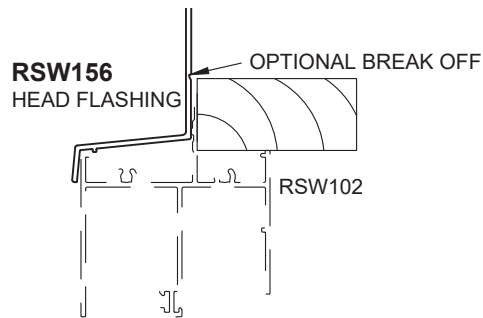
Vertical Detail - 50mm Frame - RAW22 Mid Rail / Permanent Vent Option



NOTE: PERMANENT VENT OPTION WILL NOT WATER RATE.
MID-RAIL ALSO APPLICABLE TO 92mm AND FACE FIT FRAME APPLICATIONS

8. Typical Details

External Trims & Accessory Application

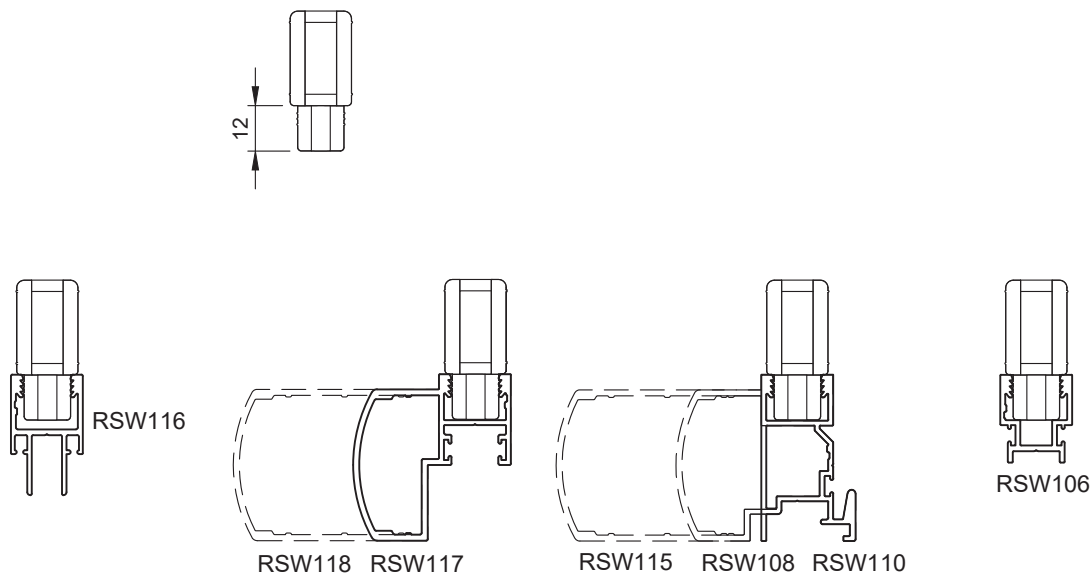


* NOTE: MITRE OR STRAIGHT CUT OPTION. MUST SEAL ADAPTOR TO FRAME & COVER ANY EXPOSED CAVITIES. RECOMMEND FITTING RSW156 HEAD FLASHING ACROSS HEAD OR REINFORCED SEALING TAPE.

8. Typical Details

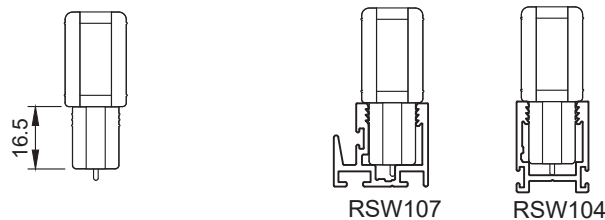
Horizontal Detail - RSWA23 & RSWA33 Assembly Detail

RSWA23 SLIDING WINDOW CARRIAGE (BLACK)
P/N = 1315018



NOTE: RSW131 EXTRUSION FOR FIXED SASH'S DO NOT REQUIRE CARRIAGE FOR ASSEMBLY

RSWA33 EXTENDED SW CARRIAGE (GREY)
P/N = 1315017



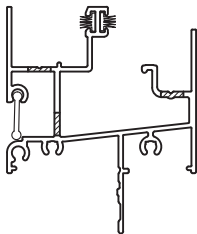
NOTE: DO NOT OVER TIGHTEN SASH ASSEMBLY. EXTRUSION SPLAYING MAY OCCUR WHICH MAKES SASH'S DIFFICULT TO SLIDE & ASSEMBLE

8. Typical Details

Sill/ Transom Water Performance

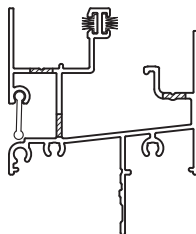
150Pa WATER RATING

RSW101
SILL
(USING
PBF48-400)



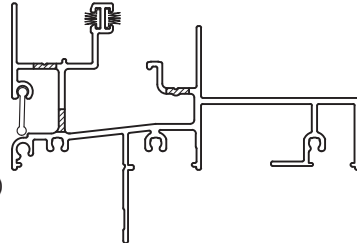
200Pa WATER RATING

RSW101
SILL
(USING
PBF48-425)



200Pa WATER RATING

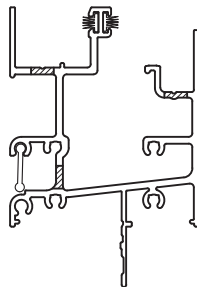
RSW921
SILL
(USING
PBF48-425)



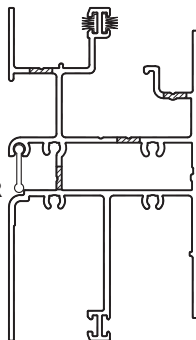
NOTE: APPLICABLE TO RSW51

300Pa WATER RATING

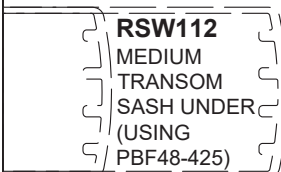
RSW114
MEDIUM SILL
(USING
PBF48-400)



RSW111
STANDARD
TRANSOM
SASH UNDER
(USING
PBF48-425)

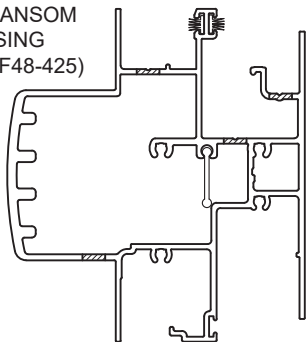


RSW112
MEDIUM
TRANSOM
SASH UNDER
(USING
PBF48-425)

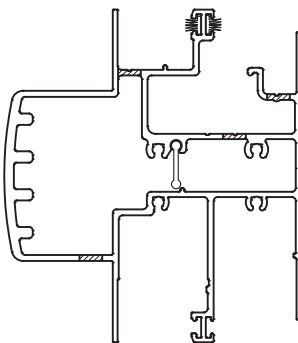


RSW113
HEAVY
TRANSOM
SASH UNDER
(USING
PBF48-425)

RSW136
MEDIUM
TRANSOM
(USING
PBF48-425)

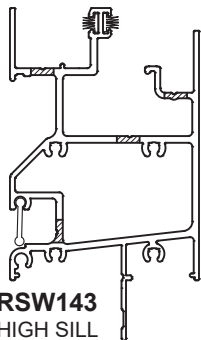


RSW141
MEDIUM
TRANSOM SASH
/SASH
(USING
PBF48-425)

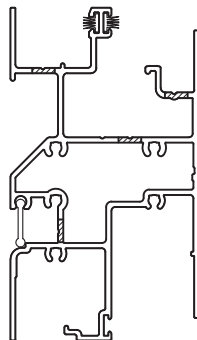


450Pa WATER RATING

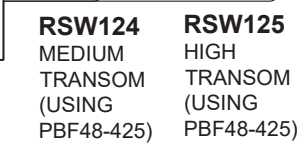
RSW143
HIGH SILL
(USING
PBF48-425)



RSW123
STANDARD
TRANSOM
(USING
PBF48-425)



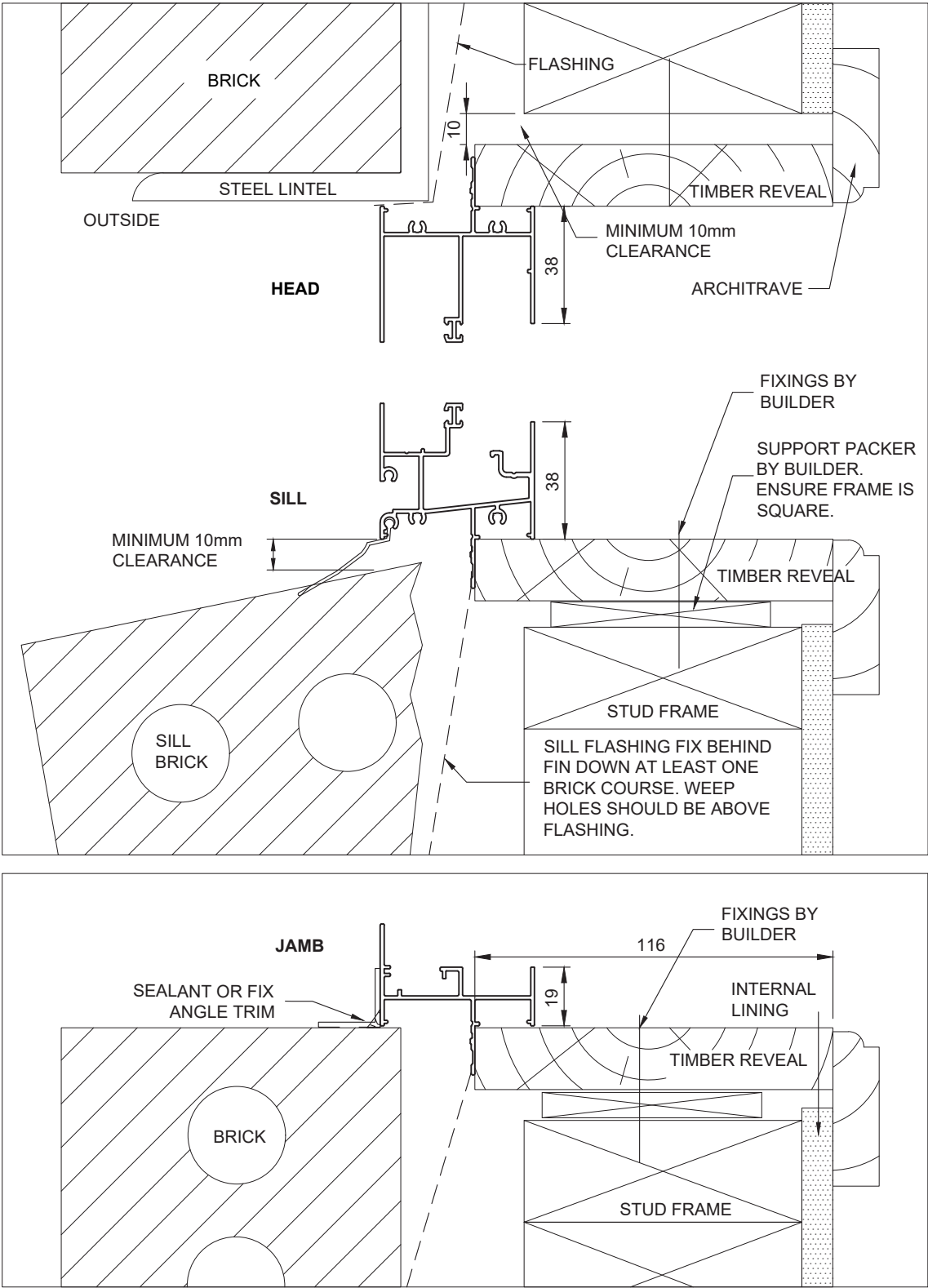
RSW124
MEDIUM
TRANSOM
(USING
PBF48-425)



RSW125
HIGH
TRANSOM
(USING
PBF48-425)

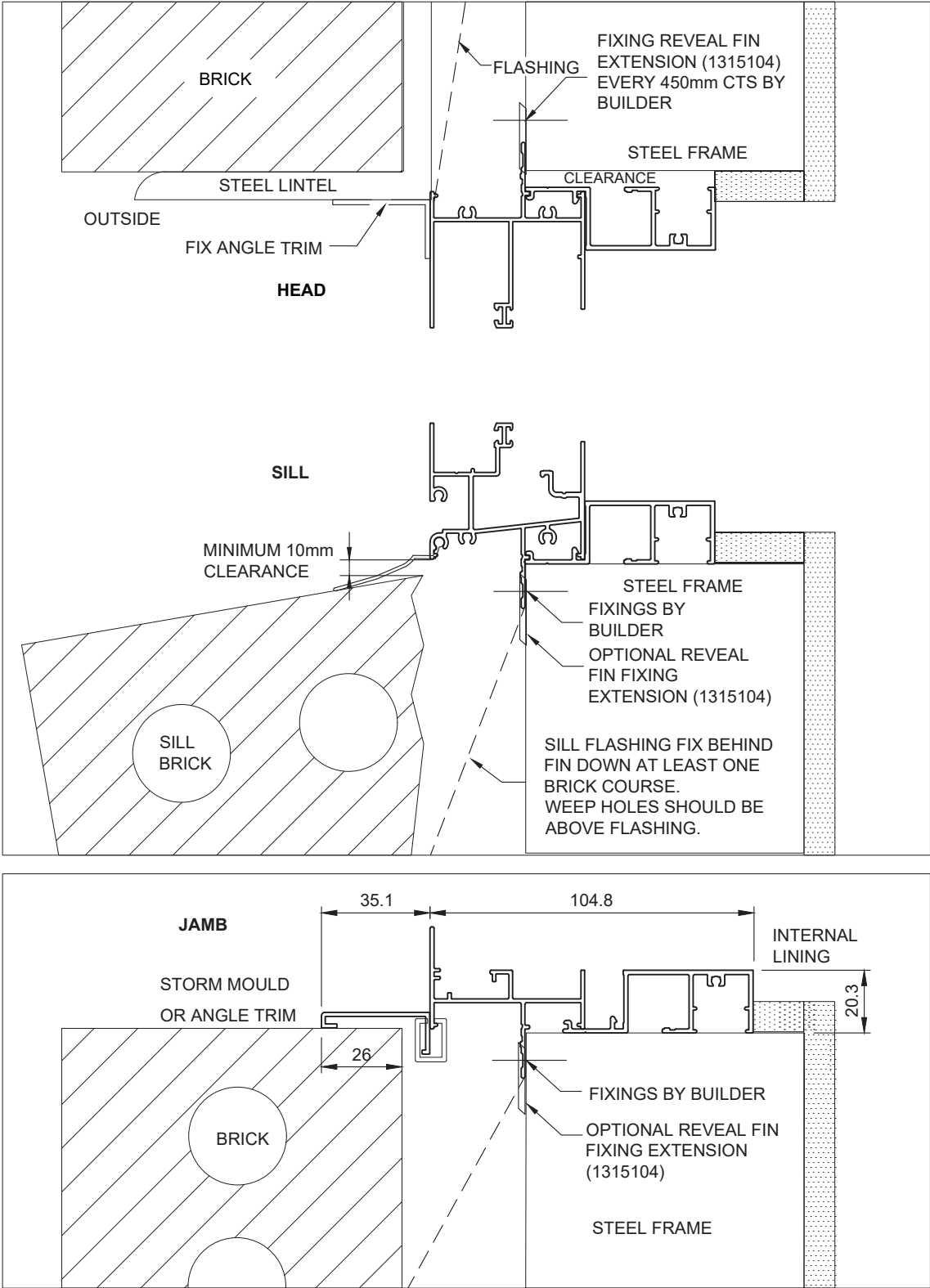
8. Typical Details

Carinya SW Brick Veneer Installation



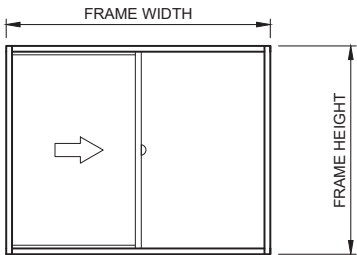
8. Typical Details

Carinya SW Brick Steel Construction Detail



9. Cutting Formulas

XO - Standard Sill (150Pa - 200Pa)



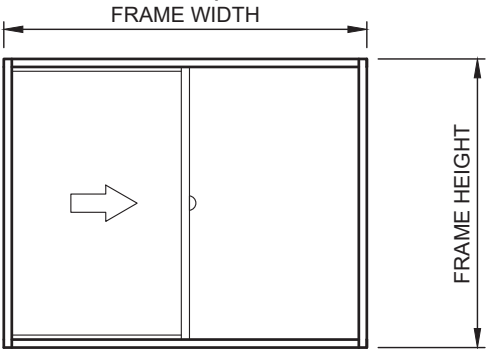
* MITRE CUT

CUTTING FORMULA - SINGLE GLAZED WINDOW				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW101	SILL	FRAME WIDTH - 20	1
	RSW102	HEAD	FRAME WIDTH - 20	1
	RSW103	JAMB	FRAME HEIGHT	2
	RSW105	RAIL	FRAME WIDTH/ 2 - 58	4
	RSW104	STILE	FRAME HEIGHT - 58	1
	RSW106	JAMB STILE	FRAME HEIGHT - 58	1
	RSW107	INTERLOCK STILE	FRAME HEIGHT - 58	1
	RSW108	MEDIUM INTERLOCK	FRAME HEIGHT - 58	1
	RSW119	TRACK INFILL	70mm	1
* 	FS2	SCREEN	FRAME HEIGHT - 58	2
* 	FS2	SCREEN	FRAME WIDTH/ 2 - 40	2
SASH GLASS	HEIGHT		FRAME HEIGHT - 100	2
	WIDTH		FRAME WIDTH/ 2 - 38	

CUTTING FORMULA - DOUBLE GLAZED WINDOW				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW204	DG STILE	FRAME HEIGHT - 58	1
	RSW206	DG JAMB STILE	FRAME HEIGHT - 58	1
	RSW165	DG RAIL	FRAME WIDTH/ 2 - 58	4
SASH GLASS	HEIGHT		FRAME HEIGHT - 134	2
	WIDTH		FRAME WIDTH/ 2 - 67	

9. Cutting Formulas

XO - Standard Sill (150Pa - 200Pa) with DG Adaptor



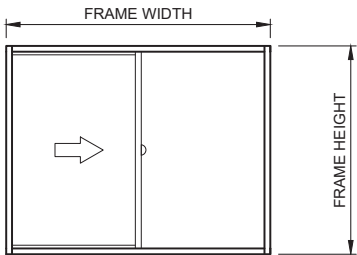
* MITRE CUT

CUTTING FORMULA - SINGLE GLAZED WINDOW				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW101	SILL	FRAME WIDTH - 20	1
	RSW102	HEAD	FRAME WIDTH - 20	1
	RSW103	JAMB	FRAME HEIGHT	2
	RSW105	RAIL	FRAME WIDTH/ 2 - 58	4
	RSW104	STILE	FRAME HEIGHT - 58	1
	RSW106	JAMB STILE	FRAME HEIGHT - 58	1
	RSW107	INTERLOCK STILE	FRAME HEIGHT - 58	1
	RSW108	MEDIUM INTERLOCK	FRAME HEIGHT - 58	1
	RSW119	TRACK INFILL	70mm	1
* 	FS2	SCREEN	FRAME HEIGHT - 58	2
* 	FS2	SCREEN	FRAME WIDTH/ 2 - 40	2
SASH GLASS	HEIGHT		FRAME HEIGHT - 100	2
	WIDTH		FRAME WIDTH/ 2 - 38	

CUTTING FORMULA - DOUBLE GLAZED WINDOW				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
* 	RSW120B	DG ADAPTOR - SASH STILE	FRAME HEIGHT - 102	4
* 	RSW120B	DG ADAPTOR - SASH RAIL	FRAME WIDTH/ 2 - 58	4
SASH GLASS	HEIGHT		FRAME HEIGHT - 135	2
	WIDTH		FRAME WIDTH/ 2 - 74	

9. Cutting Formulas

XO - Medium Sill (300Pa)



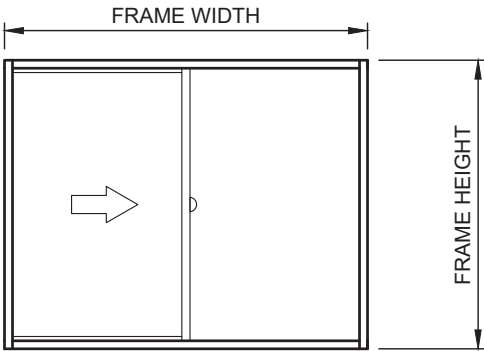
* MITRE CUT

CUTTING FORMULA - SINGLE GLAZED WINDOW				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW114	MEDIUM SILL	FRAME WIDTH - 20	1
	RSW102	HEAD	FRAME WIDTH - 20	1
	RSW103	JAMB	FRAME HEIGHT	2
	RSW105	RAIL	FRAME WIDTH/ 2 - 58	4
	RSW104	STILE	FRAME HEIGHT - 72	1
	RSW106	JAMB STILE	FRAME HEIGHT - 72	1
	RSW107	INTERLOCK STILE	FRAME HEIGHT - 72	1
	RSW108	MEDIUM INTERLOCK	FRAME HEIGHT - 72	1
	RSW119	TRACK INFILL	70mm	1
* 	FS2	SCREEN	FRAME HEIGHT - 72	2
* 	FS2	SCREEN	FRAME WIDTH/ 2 - 40	2
SASH GLASS	HEIGHT		FRAME HEIGHT - 114	2
	WIDTH		FRAME WIDTH/ 2 - 38	

CUTTING FORMULA - DOUBLE GLAZED WINDOW				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW204	DG STILE	FRAME HEIGHT - 72	1
	RSW206	DG JAMB STILE	FRAME HEIGHT - 72	1
	RSW165	DG RAIL	FRAME WIDTH/ 2 - 58	4
SASH GLASS	HEIGHT		FRAME HEIGHT - 148	2
	WIDTH		FRAME WIDTH/ 2 - 67	

9. Cutting Formulas

XO - Medium Sill (300Pa) with DG Adaptor

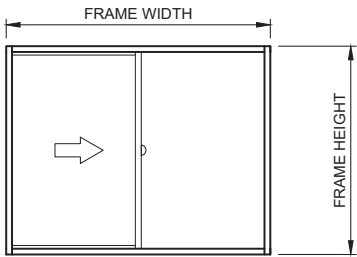


* MITRE CUT

CUTTING FORMULA - SINGLE GLAZED WINDOW				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW114	MEDIUM SILL	FRAME WIDTH - 20	1
	RSW102	HEAD	FRAME WIDTH - 20	1
	RSW103	JAMB	FRAME HEIGHT	2
	RSW105	RAIL	FRAME WIDTH/ 2 - 58	4
	RSW104	STILE	FRAME HEIGHT - 72	1
	RSW106	JAMB STILE	FRAME HEIGHT - 72	1
	RSW107	INTERLOCK STILE	FRAME HEIGHT - 72	1
	RSW108	MEDIUM INTERLOCK	FRAME HEIGHT - 72	1
	RSW119	TRACK INFILL	70mm	1
	FS2	SCREEN	FRAME HEIGHT - 72	2
	FS2	SCREEN	FRAME WIDTH/ 2 - 40	2
SASH GLASS	HEIGHT		FRAME HEIGHT - 114	2
	WIDTH		FRAME WIDTH/ 2 - 38	
CUTTING FORMULA - DOUBLE GLAZED WINDOW				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW120B	DG ADAPTOR - SASH STILE	FRAME HEIGHT - 116	4
	RSW120B	DG ADAPTOR - SASH RAIL	FRAME WIDTH/ 2 - 58	4
SASH GLASS	HEIGHT		FRAME HEIGHT - 149	2
	WIDTH		FRAME WIDTH/ 2 - 74	

9. Cutting Formulas

XO - High Sill (450 Pa)



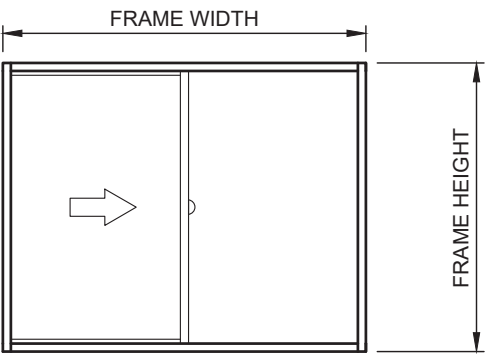
* MITRE CUT

CUTTING FORMULA - SINGLE GLAZED WINDOW				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW143	HIGH SILL	FRAME WIDTH - 20	1
	RSW102	HEAD	FRAME WIDTH - 20	1
	RSW103	JAMB	FRAME HEIGHT	2
	RSW105	RAIL	FRAME WIDTH/ 2 - 58	4
	RSW104	STILE	FRAME HEIGHT - 86	1
	RSW106	JAMB STILE	FRAME HEIGHT - 86	1
	RSW107	INTERLOCK STILE	FRAME HEIGHT - 86	1
	RSW108	MEDIUM INTERLOCK	FRAME HEIGHT - 86	1
	RSW119	TRACK INFILL	70mm	1
* 	FS2	SCREEN	FRAME HEIGHT - 86	2
* 	FS2	SCREEN	FRAME WIDTH/ 2 - 40	2
SASH GLASS	HEIGHT		FRAME HEIGHT - 128	2
	WIDTH		FRAME WIDTH/ 2 - 38	

CUTTING FORMULA - DOUBLE GLAZED WINDOW				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW204	DG STILE	FRAME HEIGHT - 86	1
	RSW206	DG JAMB STILE	FRAME HEIGHT - 86	1
	RSW165	DG RAIL	FRAME WIDTH/ 2 - 58	4
SASH GLASS	HEIGHT		FRAME HEIGHT - 162	2
	WIDTH		FRAME WIDTH/ 2 - 67	

9. Cutting Formulas

XO - High Sill (450 Pa) with DG Adaptor



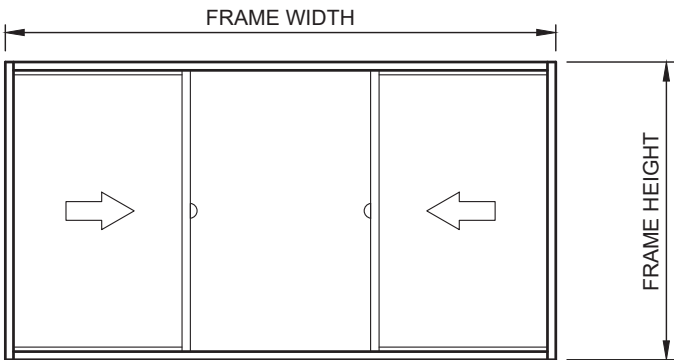
* MITRE CUT

CUTTING FORMULA - SINGLE GLAZED WINDOW				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW143	HIGH SILL	FRAME WIDTH - 20	1
	RSW102	HEAD	FRAME WIDTH - 20	1
	RSW103	JAMB	FRAME HEIGHT	2
	RSW105	RAIL	FRAME WIDTH/ 2 - 58	4
	RSW104	STILE	FRAME HEIGHT - 86	1
	RSW106	JAMB STILE	FRAME HEIGHT - 86	1
	RSW107	INTERLOCK STILE	FRAME HEIGHT - 86	1
	RSW108	MEDIUM INTERLOCK	FRAME HEIGHT - 86	1
	RSW119	TRACK INFILL	70mm	1
* 	FS2	SCREEN	FRAME HEIGHT - 86	2
* 	FS2	SCREEN	FRAME WIDTH/ 2 - 40	2
SASH GLASS	HEIGHT		FRAME HEIGHT - 128	2
	WIDTH		FRAME WIDTH/ 2 - 38	

CUTTING FORMULA - DOUBLE GLAZED WINDOW				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
* 	RSW120B	DG ADAPTOR - SASH STILE	FRAME HEIGHT - 130	4
* 	RSW120B	DG ADAPTOR - SASH RAIL	FRAME WIDTH/ 2 - 58	4
SASH GLASS	HEIGHT		FRAME HEIGHT - 163	2
	WIDTH		FRAME WIDTH/ 2 - 74	

9. Cutting Formulas

XOX (Equal Glass 1/3) - Standard Sill (150Pa - 200Pa)



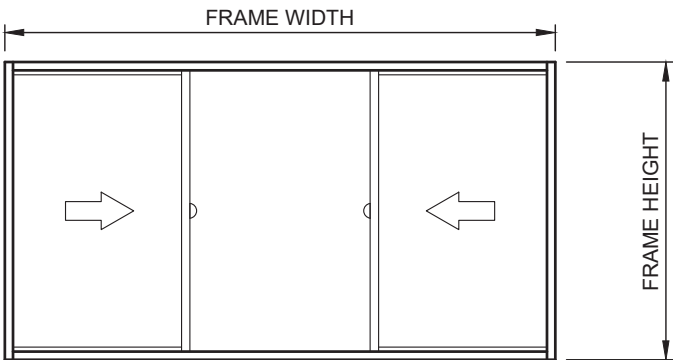
* MITRE CUT

CUTTING FORMULA - SINGLE GLAZED WINDOW				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW101	SILL	FRAME WIDTH - 20	1
	RSW102	HEAD	FRAME WIDTH - 20	1
	RSW103	JAMB	FRAME HEIGHT	2
	RSW105	RAIL	FRAME WIDTH/ 2 - 55	6
	RSW104	STILE	FRAME HEIGHT - 58	2
	RSW107	INTERLOCK STILE	FRAME HEIGHT - 58	2
	RSW108	MEDIUM INTERLOCK	FRAME HEIGHT - 58	2
* 	FS2	SCREEN	FRAME HEIGHT - 58	4
* 	FS2	SCREEN	FRAME WIDTH/ 3 - 36	4
FIXED & SLIDING SASH GLASS	HEIGHT		FRAME HEIGHT - 100	3
	WIDTH		FRAME WIDTH/ 3 - 35	

CUTTING FORMULA - DOUBLE GLAZED WINDOW				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW204	DG STILE	FRAME HEIGHT - 58	2
	RSW165	DG RAIL	FRAME WIDTH/ 3 - 54.5	4
SASH GLASS	HEIGHT		FRAME HEIGHT - 134	2
	WIDTH		FRAME WIDTH/ 3 - 63.5	

9. Cutting Formulas

XOX (Equal Glass 1/3) - Standard Sill (150Pa - 200Pa) with DG Adaptor



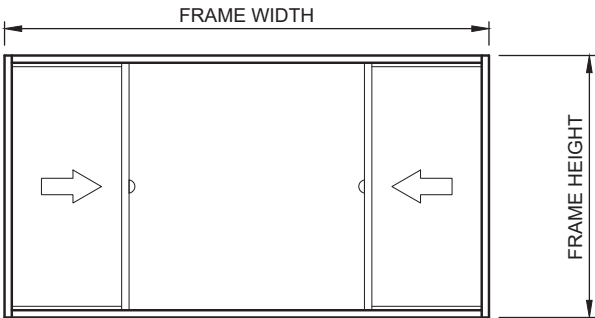
* MITRE CUT

CUTTING FORMULA - SINGLE GLAZED WINDOW				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW101	SILL	FRAME WIDTH - 20	1
	RSW102	HEAD	FRAME WIDTH - 20	1
	RSW103	JAMB	FRAME HEIGHT	2
	RSW105	RAIL	FRAME WIDTH/ 2 - 55	6
	RSW104	STILE	FRAME HEIGHT - 58	2
	RSW107	INTERLOCK STILE	FRAME HEIGHT - 58	2
	RSW108	MEDIUM INTERLOCK	FRAME HEIGHT - 58	2
* 	FS2	SCREEN	FRAME HEIGHT - 58	4
* 	FS2	SCREEN	FRAME WIDTH/ 3 - 36	4
FIXED & SLIDING SASH GLASS	HEIGHT		FRAME HEIGHT - 100	3
	WIDTH		FRAME WIDTH/ 3 - 35	

CUTTING FORMULA - DOUBLE GLAZED WINDOW				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
* 	RSW120B	DG ADAPTOR - SASH STILE	FRAME HEIGHT - 102	4
* 	RSW120B	DG ADAPTOR - SASH RAIL	FRAME WIDTH/ 3 - 54	4
SASH GLASS	HEIGHT		FRAME HEIGHT - 135	2
	WIDTH		FRAME WIDTH/ 3 - 74	

9. Cutting Formulas

XOX (1/4 - 1/2 - 1/4) - Standard Sill (150Pa - 200Pa)



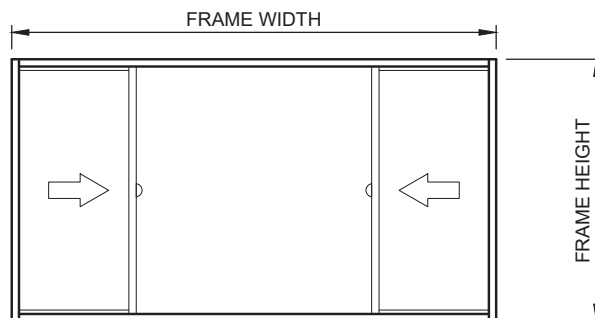
* MITRE CUT

CUTTING FORMULA - SINGLE GLAZED WINDOW				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW101	SILL	FRAME WIDTH - 20	1
	RSW102	HEAD	FRAME WIDTH - 20	1
	RSW103	JAMB	FRAME HEIGHT	2
	RSW105	RAIL (FIXED PANEL)	FRAME WIDTH/ 2 - 48	2
	RSW105	RAIL	FRAME WIDTH/ 4 - 58	4
	RSW104	STILE	FRAME HEIGHT - 58	2
	RSW107	INTERLOCK STILE	FRAME HEIGHT - 58	2
	RSW108	MEDIUM INTERLOCK	FRAME HEIGHT - 58	2
* 	FS2	SCREEN	FRAME HEIGHT - 58	4
* 	FS2	SCREEN	FRAME WIDTH/ 4 - 40	4
SASH GLASS	HEIGHT		FRAME HEIGHT - 100	1
	WIDTH		FRAME WIDTH/ 2 - 28	
SLIDING GLASS	HEIGHT		FRAME HEIGHT - 100	2
	WIDTH		FRAME WIDTH/ 4 - 38	

CUTTING FORMULA - DOUBLE GLAZED WINDOW				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW204	DG STILE	FRAME HEIGHT - 58	2
	RSW165	DG RAIL	FRAME WIDTH/ 2 - 48	2
	RSW165	DG RAIL	FRAME WIDTH/ 4 - 58	4
SASH GLASS	HEIGHT		FRAME HEIGHT - 134	1
	WIDTH		FRAME WIDTH/ 2 - 57	
SLIDING GLASS	HEIGHT		FRAME HEIGHT - 134	2
	WIDTH		FRAME WIDTH/ 4 - 67	

9. Cutting Formulas

XOX (1/4 - 1/2 - 1/4) - Standard Sill (150Pa - 200Pa) with DG Adaptor



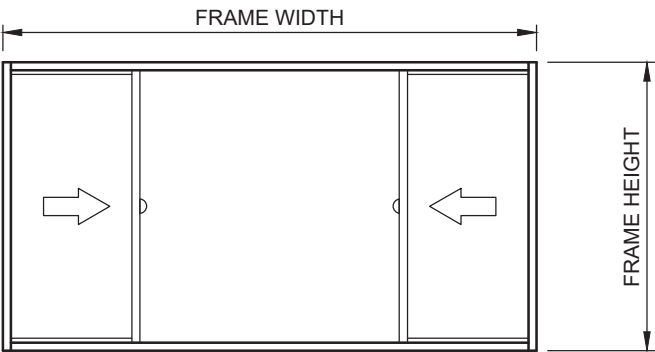
* MITRE CUT

CUTTING FORMULA - SINGLE GLAZED WINDOW				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW101	SILL	FRAME WIDTH - 20	1
	RSW102	HEAD	FRAME WIDTH - 20	1
	RSW103	JAMB	FRAME HEIGHT	2
	RSW105	RAIL (FIXED PANEL)	FRAME WIDTH/ 2 - 48	2
	RSW105	RAIL	FRAME WIDTH/ 4 - 58	4
	RSW104	STILE	FRAME HEIGHT - 58	2
	RSW107	INTERLOCK STILE	FRAME HEIGHT - 58	2
	RSW108	MEDIUM INTERLOCK	FRAME HEIGHT - 58	2
*	FS2	SCREEN	FRAME HEIGHT - 58	4
*	FS2	SCREEN	FRAME WIDTH/ 4 - 40	4
SASH GLASS	HEIGHT		FRAME HEIGHT - 100	1
	WIDTH		FRAME WIDTH/ 2 - 28	
SLIDING GLASS	HEIGHT		FRAME HEIGHT - 100	2
	WIDTH		FRAME WIDTH/ 4 - 38	

CUTTING FORMULA - DOUBLE GLAZED WINDOW				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
*	RSW120B	DG ADAPTOR - SASH STILE	FRAME HEIGHT - 102	6
*	RSW120B	DG ADAPTOR - SASH RAIL	FRAME WIDTH/ 2 - 48	2
*	RSW120B	DG ADAPTOR - SASH RAIL	FRAME WIDTH/ 4 - 58	4
SASH GLASS	HEIGHT		FRAME HEIGHT - 135	1
	WIDTH		FRAME WIDTH/ 2 - 64	
SLIDING GLASS	HEIGHT		FRAME HEIGHT - 135	2
	WIDTH		FRAME WIDTH/ 4 - 74	

9. Cutting Formulas

XOX (1/4 - 1/2 - 1/4) - Medium Sill (300Pa)

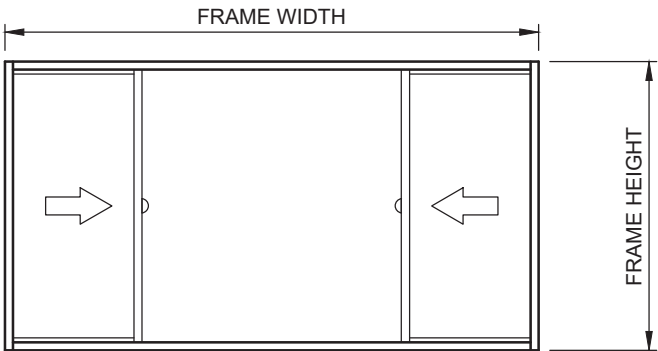


* MITRE CUT

CUTTING FORMULA				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW114	MEDIUM SILL	FRAME WIDTH - 20	1
	RSW102	HEAD	FRAME WIDTH - 20	1
	RSW103	JAMB	FRAME HEIGHT	2
	RSW105	RAIL (FIXED PANEL)	FRAME WIDTH/ 2 - 48	2
	RSW105	RAIL	FRAME WIDTH/ 4 - 58	4
	RSW104	STILE	FRAME HEIGHT - 72	2
	RSW107	INTERLOCK STILE	FRAME HEIGHT - 72	2
	RSW108	MEDIUM INTERLOCK	FRAME HEIGHT - 72	2
* 	FS2	SCREEN	FRAME HEIGHT - 72	4
* 	FS2	SCREEN	FRAME WIDTH/ 4 - 40	4
SASH GLASS	HEIGHT		FRAME HEIGHT - 114	1
	WIDTH		FRAME WIDTH/ 2 - 28	
SLIDING GLASS	HEIGHT		FRAME HEIGHT - 114	2
	WIDTH		FRAME WIDTH/ 4 - 38	

9. Cutting Formulas

XOX (1/4 - 1/2 - 1/4) - High Sill (450Pa)

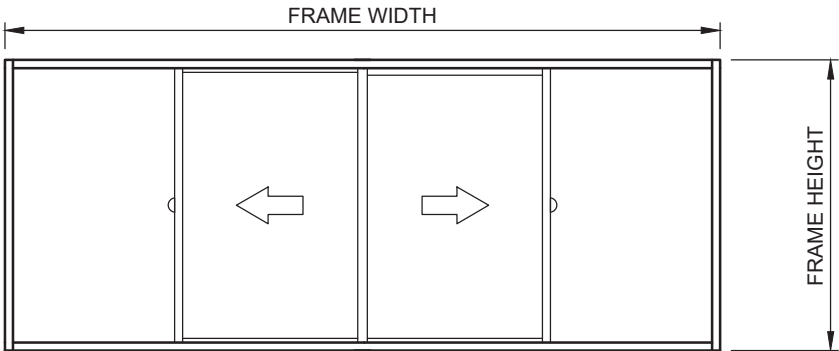


* MITRE CUT

CUTTING FORMULA				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW101	STD SILL	FRAME WIDTH - 20	1
	RSW139	SUMP SILL	FRAME WIDTH - 20	1
	RSW102	HEAD	FRAME WIDTH - 20	2
	RSW103	JAMB	FRAME HEIGHT	2
	RSW105	RAIL (FIXED PANEL)	FRAME WIDTH/ 2 - 48	2
	RSW105	RAIL	FRAME WIDTH/ 4 - 58	4
	RSW104	STILE	FRAME HEIGHT - 86	2
	RSW107	INTERLOCK STILE	FRAME HEIGHT - 86	2
	RSW108	MEDIUM INTERLOCK	FRAME HEIGHT - 86	2
	(RSW143)	(HIGH SILL)	FRAME WIDTH - 20	1
* 	FS2	SCREEN	FRAME HEIGHT - 86	4
* 	FS2	SCREEN	FRAME WIDTH/ 4 - 40	4
SASH GLASS	HEIGHT		FRAME HEIGHT - 128	1
	WIDTH		FRAME WIDTH/ 2 - 28	
SLIDING GLASS	HEIGHT		FRAME HEIGHT - 128	2
	WIDTH		FRAME WIDTH/ 4 - 38	

9. Cutting Formulas

OXXO - Standard Sill (150Pa - 200Pa)

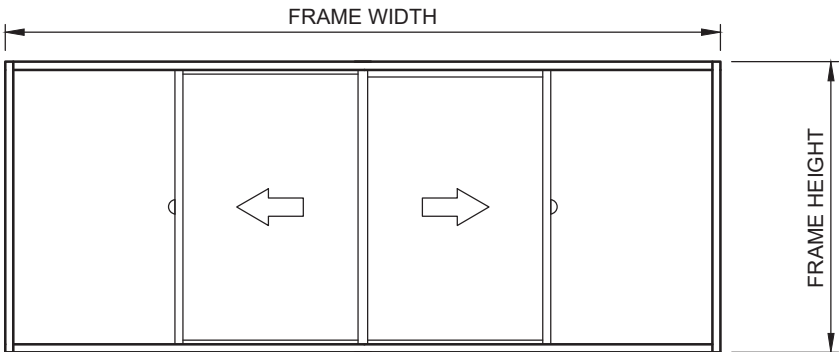


* MITRE CUT

CUTTING FORMULA				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW101	SILL	FRAME WIDTH - 20	1
	RSW102	HEAD	FRAME WIDTH - 20	1
	RSW103	JAMB	FRAME HEIGHT	2
	RSW105	RAIL	FRAME WIDTH/ 4 - 52	8
	RSW106	JAMB STILE	FRAME HEIGHT - 58	2
	RSW107	INTERLOCK STILE	FRAME HEIGHT - 58	2
	RSW116	MEETING STILE	FRAME HEIGHT - 58	1
	RSW117	MEETING STILE	FRAME HEIGHT - 58	1
	RSW107	INTERLOCK STILE	FRAME HEIGHT - 58	2
	RSW110	STANDARD INTERLOCK	FRAME HEIGHT - 58	2
	RSW39	SCREEN ADAPTOR	FRAME HEIGHT - 132	2
	RSW119	TRACK INFILL	70mm	2
* 	FS2	SCREEN	FRAME HEIGHT - 64	2
* 	FS2	SCREEN	FRAME WIDTH/ 2 - 52	2
FIXED & SLIDING GLASS	HEIGHT		FRAME HEIGHT - 100	4
	WIDTH		FRAME WIDTH/ 4 - 32	

9. Cutting Formulas

OXXO - Medium Sill (300Pa)

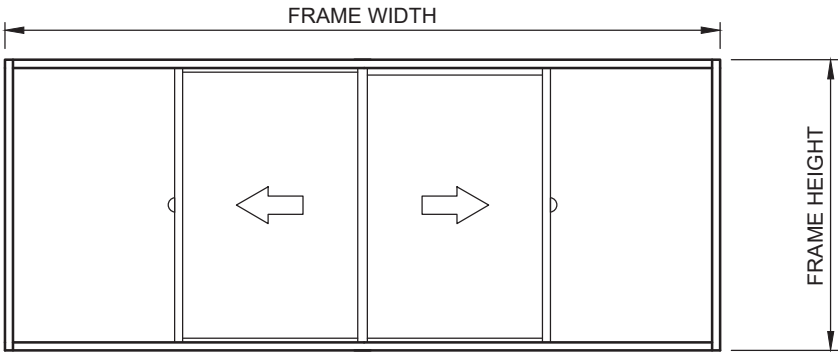


* MITRE CUT

CUTTING FORMULA				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW114	MEDIUM SILL	FRAME WIDTH - 20	1
	RSW102	HEAD	FRAME WIDTH - 20	1
	RSW103	JAMB	FRAME HEIGHT	2
	RSW105	RAIL	FRAME WIDTH/ 4 - 52	8
	RSW106	JAMB STILE	FRAME HEIGHT - 72	2
	RSW116	MEETING STILE	FRAME HEIGHT - 72	1
	RSW117	MEETING STILE	FRAME HEIGHT - 72	1
	RSW107	INTERLOCK STILE	FRAME HEIGHT - 72	2
	RSW110	STANDARD INTERLOCK	FRAME HEIGHT - 72	2
	RSW39	SCREEN ADAPTOR	FRAME HEIGHT - 146	2
	RSW119	TRACK INFILL	70mm	2
* 	FS2	SCREEN	FRAME HEIGHT - 72	2
* 	FS2	SCREEN	FRAME WIDTH/ 2 - 47	2
FIXED & SLIDING GLASS	HEIGHT		FRAME HEIGHT - 114	4
	WIDTH		FRAME WIDTH/ 4 - 32	

9. Cutting Formulas

OXXO - High Sill (450Pa)

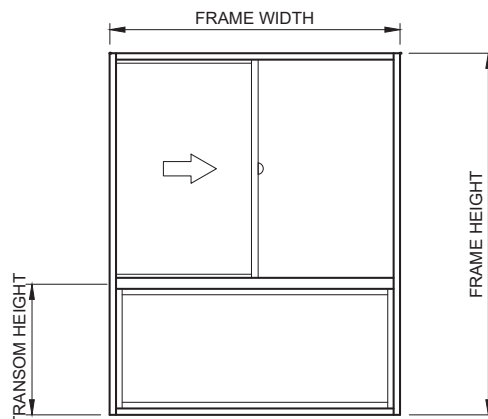


* MITRE CUT

CUTTING FORMULA				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW143	SILL	FRAME WIDTH - 20	1
	RSW102	HEAD	FRAME WIDTH - 20	1
	RSW103	JAMB	FRAME HEIGHT	2
	RSW105	RAIL	FRAME WIDTH/ 4 - 52	8
	RSW116	MEETING STILE	FRAME HEIGHT - 86	1
	RSW117	MEETING STILE	FRAME HEIGHT - 72	1
	RSW107	INTERLOCK STILE	FRAME HEIGHT - 86	2
	RSW39	SCREEN ADAPTOR	FRAME HEIGHT - 146	2
	RSW119	TRACK INFILL	70mm	2
	RSW106	JAMB STILE	FRAME HEIGHT - 86	2
	RSW110	STANDARD INTERLOCK	FRAME HEIGHT - 86	2
* 	FS2	SCREEN	FRAME HEIGHT - 86	2
* 	FS2	SCREEN	FRAME WIDTH/ 2 - 52	2
FIXED & SLIDING GLASS	HEIGHT		FRAME HEIGHT - 128	4
	WIDTH		FRAME WIDTH/ 4 - 32	

9. Cutting Formulas

XO/O Sash Glazed Low Lite

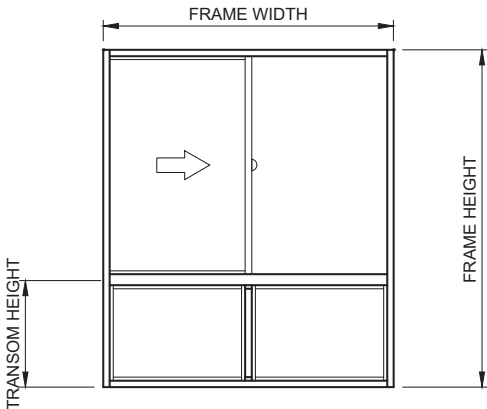


* MITRE CUT

CUTTING FORMULA				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW101	SILL	FRAME WIDTH - 20	1
	RSW102	HEAD	FRAME WIDTH - 20	1
	RSW103	JAMB	FRAME HEIGHT	2
	RSW105	RAIL	FRAME WIDTH/ 2 - 58	4
	RSW104	STILE	FRAME H - TRANSOM H - 58	1
	RSW106	JAMB STILE	FRAME H - TRANSOM H - 58	1
	RSW107	INTERLOCK STILE	FRAME H - TRANSOM H - 58	1
	RSW112	MED TRANSOM - SASH/ SASH	FRAME WIDTH - 20	1
	RSW108	MEDIUM INTERLOCK	FRAME H - TRANSOM H - 58	1
	RSW105	LOW LITE SASH STILE	FRAME WIDTH - 68	2
	RSW131	RAIL (LOW LITE)	TRANSOM HEIGHT - 58	2
	RSW121	BEAD	TRANSOM HEIGHT - 88	2
	RSW119	TRACK INFILL	70mm	1
	RSW119	TRACK INFILL	FRAME WIDTH - 20	2
* 	FS2	SCREEN	FRAME H - TRANSOM H - 58	2
* 	FS2	SCREEN	FRAME WIDTH/ 2 - 40	2
SASH GLASS	HEIGHT		FRAME H - TRANSOM H - 100	2
	WIDTH		FRAME WIDTH/ 2 - 38	
LOWLITE GLASS	HEIGHT		TRANSOM HEIGHT - 100	1
	WIDTH		FRAME WIDTH - 48	

9. Cutting Formulas

XO/OO Sash Glazed Low Lite

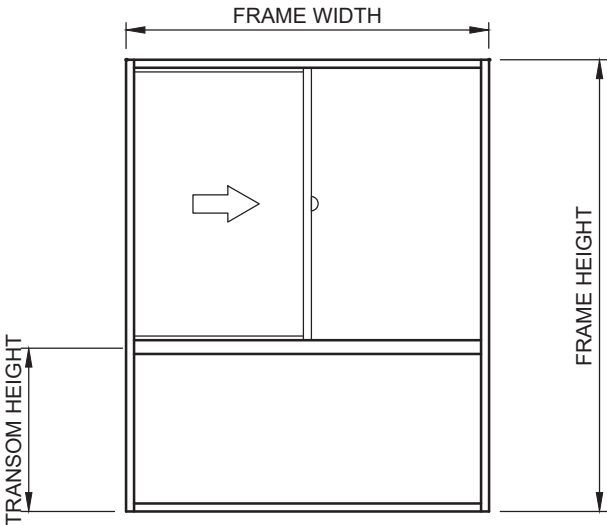


* MITRE CUT

CUTTING FORMULA				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW101	SILL	FRAME WIDTH - 20	1
	RSW102	HEAD	FRAME WIDTH - 20	1
	RSW103	JAMB	FRAME HEIGHT	2
	RSW105	RAIL	FRAME WIDTH/ 2 - 58	8
	RSW104	STILE	FRAME H - TRANSOM H - 58	1
	RSW106	JAMB STILE	FRAME H - TRANSOM H - 58	1
	RSW107	INTERLOCK STILE	FRAME H - TRANSOM H - 58	1
	RSW112	MED TRANSOM - SASH L/ LITE	FRAME WIDTH - 20	1
	RSW108	MEDIUM INTERLOCK	FRAME H - TRANSOM H - 58	1
	RSW131	LOW LITE SASH STILE	TRANSOM HEIGHT - 58	4
	RSW121	BEAD	TRANSOM HEIGHT - 88	4
	RSW132	STANDARD LOW LITE MULLION	TRANSOM HEIGHT - 58	1
	RSW119	TRACK INFILL	FRAME WIDTH - 20	2
	RSW119	TRACK INFILL	70mm	1
* 	FS2	SCREEN	FRAME H - TRANSOM H - 58	2
* 	FS2	SCREEN	FRAME WIDTH/ 2 - 40	2
SASH GLASS	HEIGHT		FRAME H - TRANSOM H - 100	2
	WIDTH		FRAME WIDTH/ 2 - 38	
LOWLITE GLASS	HEIGHT		TRANSOM HEIGHT - 100	2
	WIDTH		FRAME WIDTH/ 2 - 38	

9. Cutting Formulas

XO/O Direct Glazed Low Lite

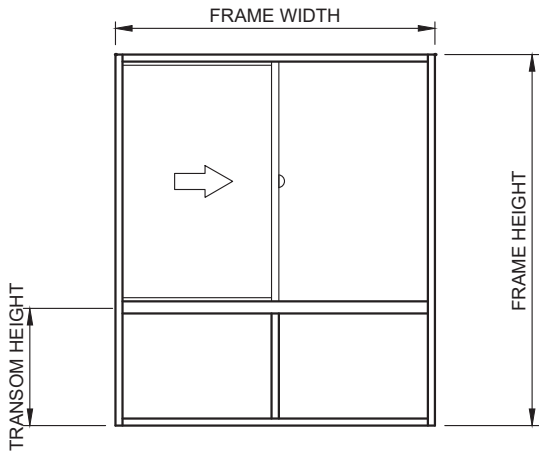


* MITRE CUT

CUTTING FORMULA				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW100	DIRECT GLAZED SILL	FRAME WIDTH - 20	1
	RSW102	HEAD	FRAME WIDTH - 20	1
	RSW103	JAMB	FRAME HEIGHT	2
	RSW105	RAIL	FRAME WIDTH/ 2 - 58	4
	RSW104	STILE	FRAME H - TRANSOM H - 58	1
	RSW106	JAMB STILE	FRAME H - TRANSOM H - 58	1
	RSW107	INTERLOCK STILE	FRAME H - TRANSOM H - 58	1
	RSW124	MED TRANSOM FIXED LITE	FRAME WIDTH - 20	1
	RSW108	MEDIUM INTERLOCK	FRAME H - TRANSOM H - 58	1
	RSW23	BEAD	TRANSOM HEIGHT - 88	2
	RSW119	TRACK INFILL	FRAME WIDTH - 20	2
	RSW119	TRACK INFILL	70mm	1
* 	FS2	SCREEN	FRAME H - TRANSOM H - 58	2
* 	FS2	SCREEN	FRAME WIDTH/ 2 - 40	2
SASH GLASS	HEIGHT		FRAME H - TRANSOM H - 100	2
	WIDTH		FRAME WIDTH/ 2 - 38	
LOWLITE GLASS	HEIGHT		TRANSOM HEIGHT - 68	1
	WIDTH		FRAME WIDTH - 48	

9. Cutting Formulas

XO/OO Direct Glazed Low Lite

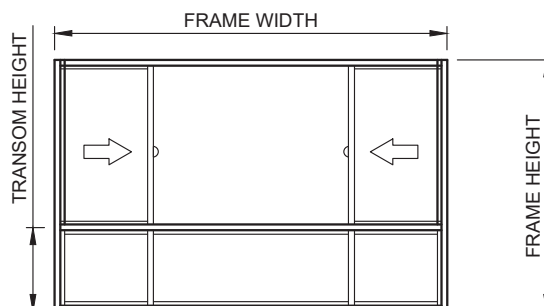


* MITRE CUT

CUTTING FORMULA				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW100	DIRECT GLAZED SILL	FRAME WIDTH - 20	1
	RSW102	HEAD	FRAME WIDTH - 20	1
	RSW103	JAMB	FRAME HEIGHT	2
	RSW105	RAIL	FRAME WIDTH/ 2 - 58	4
	RSW104	STILE	FRAME H - TRANSOM H - 58	1
	RSW106	JAMB STILE	FRAME H - TRANSOM H - 58	1
	RSW107	INTERLOCK STILE	FRAME H - TRANSOM H - 58	1
	RSW124	MED TRANSOM FIXED LITE	FRAME WIDTH - 20	1
	RSW108	MEDIUM INTERLOCK	FRAME H - TRANSOM H - 58	1
	RSW23	BEAD	TRANSOM HEIGHT - 88	4
	RSW133	ADAPTOR MULLION	TRANSOM HEIGHT - 58	1
	RSW36	MED CLIP ON ADAPTOR	TRANSOM HEIGHT - 58	1
	RSW119	TRACK INFILL	TRANSOM WIDTH - 20	2
	RSW119	TRACK INFILL	70mm	1
* 	FS2	SCREEN	FRAME H - TRANSOM H - 58	2
* 	FS2	SCREEN	FRAME WIDTH/ 2 - 40	2
SASH GLASS	HEIGHT		FRAME H - TRANSOM H - 100	2
	WIDTH		FRAME WIDTH/ 2 - 38	
LOWLITE GLASS	HEIGHT		TRANSOM HEIGHT - 68	2
	WIDTH		FRAME WIDTH/ 2 - 38	

9. Cutting Formulas

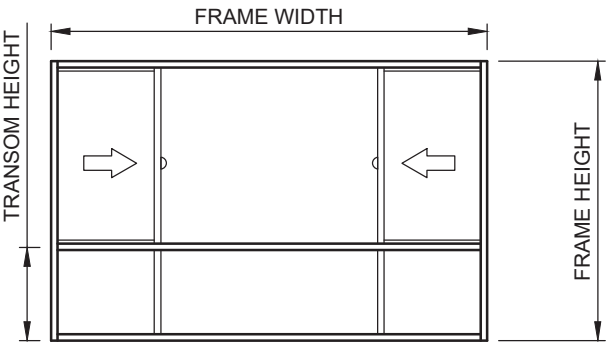
XOX/OOO Sash Glazed Low Lite



* MITRE CUT

CUTTING FORMULA				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW101	SILL	FRAME WIDTH - 20	1
	RSW102	HEAD	FRAME WIDTH - 20	1
	RSW103	JAMB	FRAME HEIGHT	2
	RSW105	RAIL	FRAME WIDTH/ 4 - 58	8
	RSW105	RAIL (CENTER PANEL)	FRAME WIDTH/ 2 - 48	4
	RSW104	STILE	FRAME H - TRANSOM H - 58	2
	RSW107	INTERLOCK STILE	FRAME H - TRANSOM H - 58	2
	RSW112	MED TRANSOM - SASH/ SASH	FRAME WIDTH - 20	1
	RSW108	MEDIUM INTERLOCK	FRAME H - TRANSOM H - 58	2
	RSW131	LOW LITE SASH STILE	TRANSOM HEIGHT - 58	6
	RSW121	FIXED SASH GLAZING BEAD	TRANSOM HEIGHT - 88	6
	RSW132	STANDARD LOW LITE MULLION	TRANSOM HEIGHT - 58	2
	RSW119	TRACK INFILL	TRANSOM WIDTH - 20	2
* 	FS2	SCREEN	FRAME H - TRANSOM H - 58	4
* 	FS2	SCREEN	FRAME WIDTH/ 2 - 40	4
FIXED SASH GLASS	HEIGHT		FRAME H - TRANSOM H - 100	1
	WIDTH		FRAME WIDTH/ 2 - 28	
SLIDING SASH GLASS	HEIGHT		TRANSOM HEIGHT - 100	2
	WIDTH		FRAME WIDTH/ 4 - 28	
LOW LITE MIDDLE GLASS	HEIGHT		TRANSOM HEIGHT - 100	1
	WIDTH		FRAME WIDTH/ 2 - 28	
LOW LITE SIDE CORNER GLASS	HEIGHT		TRANSOM HEIGHT - 100	2
	WIDTH		FRAME WIDTH/ 4 - 38	

XOX/OOO Direct Glazed Low Lite

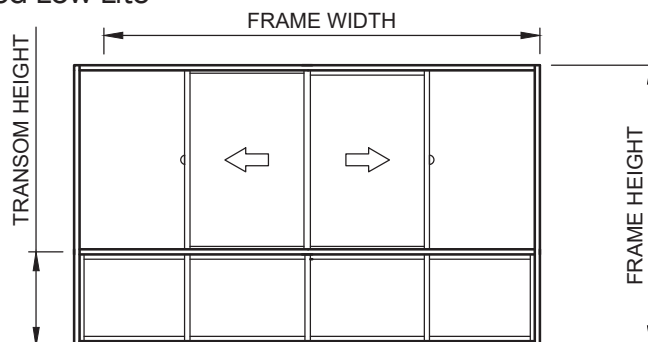


* MITRE CUT

CUTTING FORMULA				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW100	DIRECT GLAZED SILL	FRAME WIDTH - 20	1
	RSW102	HEAD	FRAME WIDTH - 20	1
	RSW103	JAMB	FRAME HEIGHT	2
	RSW105	RAIL	FRAME WIDTH/ 4 - 58	4
	RSW105	RAIL (CENTER PANEL)	FRAME WIDTH/ 2 - 48	2
	RSW104	STILE	FRAME H - TRANSOM H - 58	2
	RSW107	INTERLOCK STILE	FRAME H - TRANSOM H - 58	2
	RSW124	MED TRANSOM FIXED LITE	FRAME WIDTH - 20	1
	RSW108	MEDIUM INTERLOCK	FRAME H - TRANSOM H - 58	2
	RSW23	BEAD	TRANSOM HEIGHT - 88	6
	RSW133	ADAPTOR MULLION	TRANSOM HEIGHT - 58	2
	RSW36	MED CLIP ON ADAPTOR	TRANSOM HEIGHT - 58	2
	RSW119	TRACK INFILL	FRAME WIDTH - 20	2
* 	FS2	SCREEN	FRAME H - TRANSOM H - 58	4
* 	FS2	SCREEN	FRAME WIDTH/ 2 - 40	4
FIXED SASH GLASS	HEIGHT		FRAME H - TRANSOM H - 100	1
	WIDTH		FRAME WIDTH/ 2 - 28	
SLIDING SASH GLASS	HEIGHT		TRANSOM HEIGHT - 100	2
	WIDTH		FRAME WIDTH/ 4 - 38	
LOW LITE MIDDLE GLASS	HEIGHT		FRAME H - TRANSOM H - 100	1
	WIDTH		FRAME WIDTH/ 2 - 28	
LOW LITE SIDE CORNER GLASS	HEIGHT		TRANSOM HEIGHT - 100	2
	WIDTH		FRAME WIDTH/ 4 - 38	

9. Cutting Formulas

OXXO/OOOO Sash Glazed Low Lite

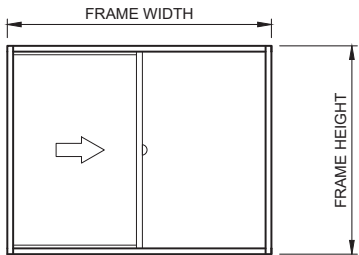


* MITRE CUT

CUTTING FORMULA				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW101	SILL	FRAME WIDTH - 20	1
	RSW102	HEAD	FRAME WIDTH - 20	1
	RSW103	JAMB	FRAME HEIGHT	2
	RSW105	RAIL	FRAME WIDTH/ 4 - 52	16
	RSW106	JAMB STILE	FRAME H - TRANSOM H - 58	2
	RSW116	MEETING STILE	FRAME H - TRANSOM H - 58	1
	RSW117	MEETING STILE	FRAME H - TRANSOM H - 58	1
	RSW107	INTERLOCK STILE	FRAME H - TRANSOM H - 58	2
	RSW110	STANDARD INTERLOCK	FRAME H - TRANSOM H - 58	2
	RSW112	MED TRANSOM - SASH/ SASH	FRAME WIDTH - 20	1
	RSW131	LOW LITE SASH STILE	TRANSOM HEIGHT - 58	8
	RSW121	BEAD	TRANSOM HEIGHT - 88	8
	RSW133	ADAPTOR MULLION	TRANSOM HEIGHT - 58	3
	RSW36	MED CLIP ON ADAPTOR	TRANSOM HEIGHT - 58	3
	RSW119	TRACK INFILL	FRAME WIDTH - 20	2
* 	FS2	SCREEN	FRAME H - TRANSOM H - 58	2
* 	FS2	SCREEN	FRAME WIDTH/ 2 - 47	2
FIXED & SLIDING GLASS	HEIGHT		FRAME H - TRANSOM H - 100	4
	WIDTH		FRAME WIDTH/ 4 - 32	
LOWLITE GLASS	HEIGHT		TRANSOM HEIGHT - 100	4
	WIDTH		FRAME WIDTH/ 4 - 32	

9. Cutting Formulas

92mm Frame - XO - Standard Sill (150Pa - 200Pa)



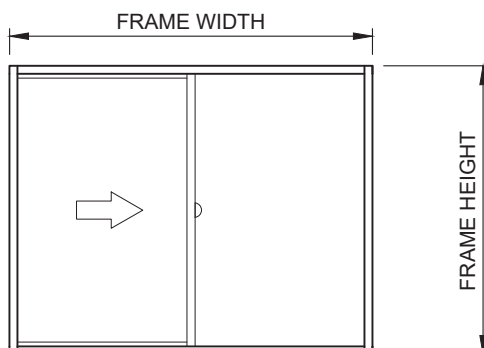
* MITRE CUT

CUTTING FORMULA - SINGLE GLAZED WINDOW				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW921	92mm SILL	FRAME WIDTH - 38	1
	RSW922	92mm HEAD	FRAME WIDTH - 38	1
	RSW923	92mm JAMB	FRAME HEIGHT	2
	RSW105	RAIL	FRAME WIDTH/ 2 - 67.5	4
	RSW104	STILE	FRAME HEIGHT - 58	1
	RSW106	JAMB STILE	FRAME HEIGHT - 58	1
	RSW107	INTERLOCK STILE	FRAME HEIGHT - 58	1
	RSW108	MEDIUM INTERLOCK	FRAME HEIGHT - 58	1
	RSW119	TRACK INFILL	70mm	1
* 	FS2	SCREEN	FRAME HEIGHT - 58	2
* 	FS2	SCREEN	FRAME WIDTH/ 2 - 49.5	2
SASH GLASS	HEIGHT		FRAME HEIGHT - 100	2
	WIDTH		FRAME WIDTH/ 2 - 47.5	

CUTTING FORMULA - DOUBLE GLAZED WINDOW				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW204	DG STILE	FRAME HEIGHT - 58	1
	RSW206	DG JAMB STILE	FRAME HEIGHT - 58	1
	RSW165	DG RAIL	FRAME WIDTH/ 2 - 67	4
SASH GLASS	HEIGHT		FRAME HEIGHT - 134	2
	WIDTH		FRAME WIDTH/ 2 - 76	

9. Cutting Formulas

92mm Frame - XO - Standard Sill (150Pa - 200Pa) with DG Adaptor



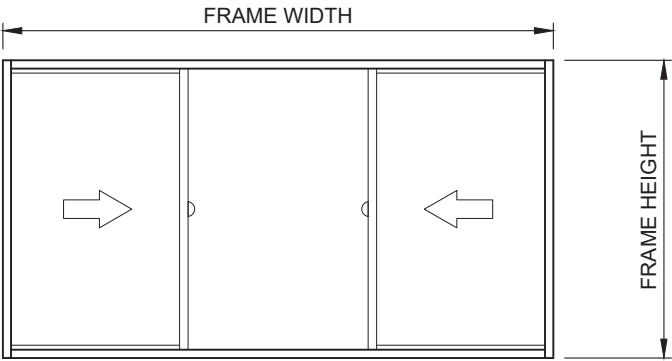
* MITRE CUT

CUTTING FORMULA - SINGLE GLAZED WINDOW				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW921	92mm SILL	FRAME WIDTH - 38	1
	RSW922	92mm HEAD	FRAME WIDTH - 38	1
	RSW923	92mm JAMB	FRAME HEIGHT	2
	RSW105	RAIL	FRAME WIDTH/ 2 - 67.5	4
	RSW104	STILE	FRAME HEIGHT - 58	1
	RSW106	JAMB STILE	FRAME HEIGHT - 58	1
	RSW107	INTERLOCK STILE	FRAME HEIGHT - 58	1
	RSW108	MEDIUM INTERLOCK	FRAME HEIGHT - 58	1
	RSW119	TRACK INFILL	70mm	1
*	FS2	SCREEN	FRAME HEIGHT - 58	2
*	FS2	SCREEN	FRAME WIDTH/ 2 - 49.5	2
SASH GLASS	HEIGHT		FRAME HEIGHT - 100	2
	WIDTH		FRAME WIDTH/ 2 - 47.5	

CUTTING FORMULA - DOUBLE GLAZED WINDOW				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
*	RSW120B	DG ADAPTOR - SASH STILE	FRAME HEIGHT - 102	4
*	RSW120B	DG ADAPTOR - SASH RAIL	FRAME WIDTH/ 2 - 67	4
SASH GLASS	HEIGHT		FRAME HEIGHT - 135	2
	WIDTH		FRAME WIDTH/ 2 - 83	

9. Cutting Formulas

92mm Frame - XOX (Equal 1/3) - Standard Sill (150Pa - 200Pa)

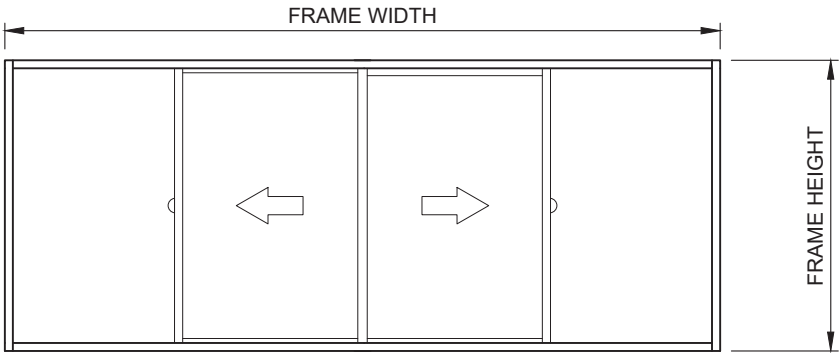


* MITRE CUT

CUTTING FORMULA				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW923	92mm JAMB	FRAME HEIGHT	2
	RSW921	92mm SILL	FRAME WIDTH - 38	1
	RSW922	92mm HEAD	FRAME WIDTH 38	1
	RSW105	RAIL (FIXED PANEL)	FRAME WIDTH/ 3 - 55	2
	RSW105	RAIL	FRAME WIDTH/ 3 - 64	4
	RSW108	MEDIUM INTERLOCK	FRAME HEIGHT - 58	2
	RSW107	INTERLOCK STILE	FRAME HEIGHT - 58	2
	RSW110	STANDARD INTERLOCK	FRAME HEIGHT - 58	2
* 	FS2	SCREEN	FRAME HEIGHT - 58	4
* 	FS2	SCREEN	FRAME WIDTH/ 3 - 46	4
FIXED & SLIDING GLASS	HEIGHT		FRAME HEIGHT - 100	1
	WIDTH		FRAME WIDTH/ 3 - 36	

9. Cutting Formulas

92mm Frame - OXXO - Standard Sill (150Pa - 200Pa)

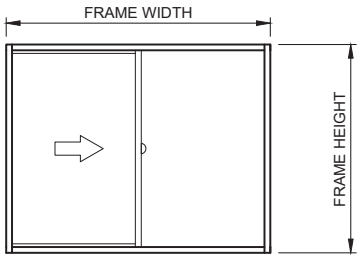


* MITRE CUT

CUTTING FORMULA				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW921	92mm SILL	FRAME WIDTH - 38	1
	RSW922	92mm HEAD	FRAME WIDTH - 38	1
	RSW923	92mm JAMB	FRAME HEIGHT	2
	RSW105	RAIL	FRAME WIDTH/ 4 - 56	8
	RSW106	JAMB STILE	FRAME HEIGHT - 58	2
	RSW116	MEETING STILE	FRAME HEIGHT - 58	1
	RSW117	MEETING STILE	FRAME HEIGHT - 58	1
	RSW107	INTERLOCK STILE	FRAME HEIGHT - 58	2
	RSW110	STANDARD INTERLOCK	FRAME HEIGHT - 58	2
	RSW119	TRACK INFILL	70mm	2
* 	FS2	SCREEN	FRAME HEIGHT - 58	2
* 	FS2	SCREEN	FRAME WIDTH/ 2 - 56	2
FIXED & SLIDING GLASS	HEIGHT		FRAME HEIGHT - 100	4
	WIDTH		FRAME WIDTH/ 4 - 36	

9. Cutting Formulas

Face Fit - XO - Standard Sill (150Pa - 200Pa)



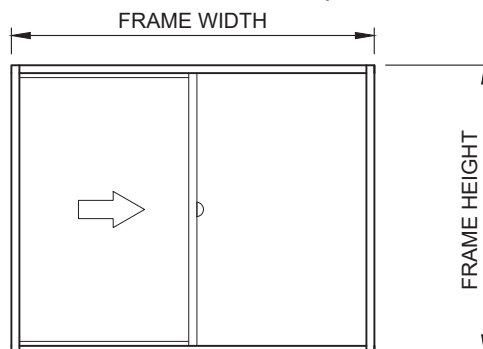
* MITRE CUT

CUTTING FORMULA - SINGLE GLAZED WINDOW				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW51	FACE FIT SILL	FRAME WIDTH - 20	1
	RSW50	FACE FIT HEAD	FRAME WIDTH - 20	1
	RSW52	FACE FIT JAMB	FRAME HEIGHT + 50	2
	RSW53	FACE FIT COVER	FRAME HEIGHT + 50 FRAME WIDTH + 3	2
	RSW105	RAIL	FRAME WIDTH/ 2 - 58	4
	RSW104	STILE	FRAME HEIGHT - 58	1
	RSW106	JAMB STILE	FRAME HEIGHT - 58	1
	RSW107	INTERLOCK STILE	FRAME HEIGHT - 58	1
	RSW108	MEDIUM INTERLOCK	FRAME HEIGHT - 58	
	RSW119	TRACK INFILL	70mm	1
* 	FS2	SCREEN	FRAME HEIGHT - 58	2
* 	FS2	SCREEN	FRAME WIDTH/ 2 - 40	2
FIXED & SLIDING GLASS	HEIGHT		FRAME HEIGHT - 100	2
	WIDTH		FRAME WIDTH/ 2 - 38	

CUTTING FORMULA - DOUBLE GLAZED WINDOW				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW204	DG STILE	FRAME HEIGHT - 58	1
	RSW206	DG JAMB STILE	FRAME HEIGHT - 58	1
	RSW165	DG RAIL	FRAME WIDTH/ 2 - 58	4
FIXED & SLIDING GLASS	HEIGHT		FRAME HEIGHT - 132	2
	WIDTH		FRAME WIDTH/ 2 - 36	

9. Cutting Formulas

Face Fit - XO - Standard Sill (150Pa - 200Pa) with DG Adaptor



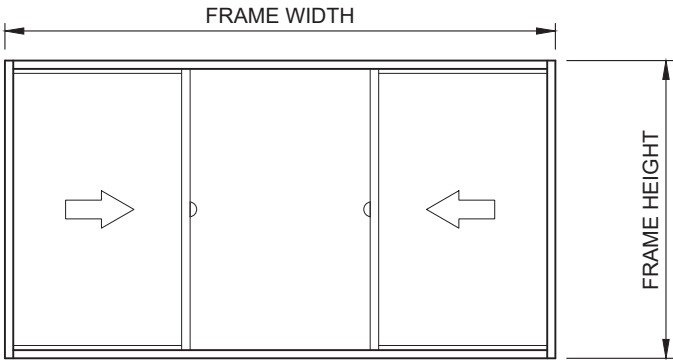
* MITRE CUT

CUTTING FORMULA - SINGLE GLAZED WINDOW				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW51	FACE FIT SILL	FRAME WIDTH - 20	1
	RSW50	FACE FIT HEAD	FRAME WIDTH - 20	1
	RSW52	FACE FIT JAMB	FRAME HEIGHT + 50	2
	RSW53	FACE FIT COVER	FRAME HEIGHT + 50 FRAME WIDTH + 3	2
	RSW105	RAIL	FRAME WIDTH/ 2 - 58	4
	RSW104	STILE	FRAME HEIGHT - 58	1
	RSW106	JAMB STILE	FRAME HEIGHT - 58	1
	RSW107	INTERLOCK STILE	FRAME HEIGHT - 58	1
	RSW108	MEDIUM INTERLOCK	FRAME HEIGHT - 58	
	RSW119	TRACK INFILL	70mm	1
* 	FS2	SCREEN	FRAME HEIGHT - 58	2
* 	FS2	SCREEN	FRAME WIDTH/ 2 - 40	2
FIXED & SLIDING GLASS	HEIGHT		FRAME HEIGHT - 100	2
	WIDTH		FRAME WIDTH/ 2 - 38	

CUTTING FORMULA - DOUBLE GLAZED WINDOW				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
* 	RSW120B	DG ADAPTOR - SASH STILE	FRAME HEIGHT - 102	4
* 	RSW120B	DG ADAPTOR - SASH RAIL	FRAME WIDTH/ 2 - 58	4
FIXED & SLIDING GLASS	HEIGHT		FRAME HEIGHT - 135	2
	WIDTH		FRAME WIDTH/ 2 - 74	

9. Cutting Formulas

Face Fit - XOX (Equal Glass 1/3) - Standard Sill (150Pa - 200Pa)

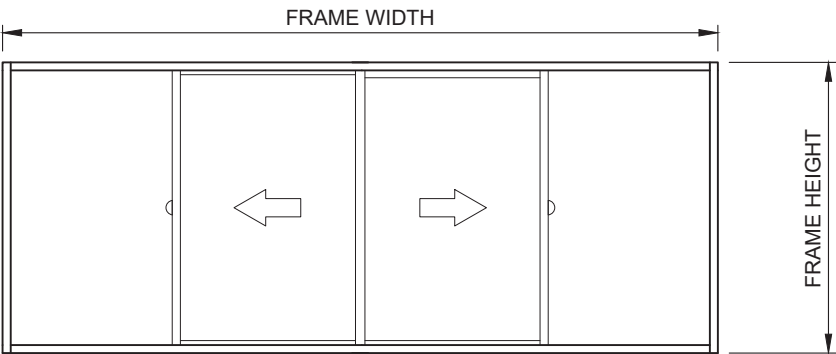


* MITRE CUT

CUTTING FORMULA				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW51	FACE FIT SILL	FRAME WIDTH - 20	1
	RSW50	FACE FIT HEAD	FRAME WIDTH - 20	1
	RSW52	FACE FIT JAMB	FRAME HEIGHT + 50	2
	RSW53	FACE FIT COVER	FRAME HEIGHT + 50 FRAME WIDTH + 3	2
	RSW105	RAIL	FRAME WIDTH/ 3 - 55	6
	RSW104	STILE	FRAME HEIGHT - 58	2
	RSW107	INTERLOCK STILE	FRAME HEIGHT - 58	2
	RSW108	MEDIUM INTERLOCK	FRAME HEIGHT - 58	2
* 	FS2	SCREEN	FRAME HEIGHT - 58	4
* 	FS2	SCREEN	FRAME WIDTH/ 3 - 36	4
FIXED & SLIDING GLASS	HEIGHT		FRAME HEIGHT - 100	3
	WIDTH		FRAME WIDTH/ 3 - 35	

9. Cutting Formulas

Face Fit - OXXO - Standard Sill (150Pa - 200Pa)



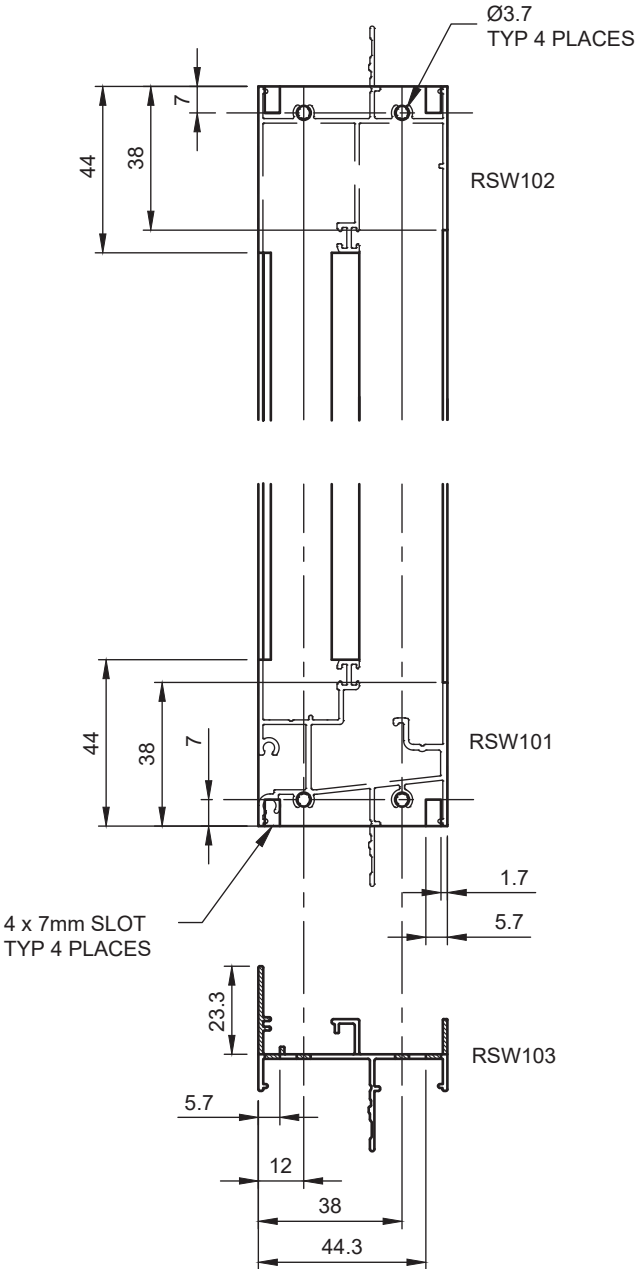
* MITRE CUT

CUTTING FORMULA				
PROFILE	SECTION NO.	DESCRIPTION	CUTTING FORMULA	QTY
	RSW51	FACE FIT SILL	FRAME WIDTH - 20	1
	RSW50	FACE FIT HEAD	FRAME WIDTH - 20	1
	RSW52	FACE FIT JAMB	FRAME HEIGHT + 50	2
	RSW53	FACE FIT COVER	FRAME HEIGHT + 50 FRAME WIDTH + 3	2
	RSW105	RAIL	FRAME WIDTH/ 4 - 52	8
	RSW116	MEETING STILE	FRAME HEIGHT - 58	1
	RSW117	MEETING STILE	FRAME HEIGHT - 58	1
	RSW107	INTERLOCK STILE	FRAME HEIGHT - 58	2
	RSW110	STANDARD INTERLOCK	FRAME HEIGHT - 58	2
	RSW106	JAMB STILE	FRAME HEIGHT - 58	2
	RSW119	TRACK INFILL	70mm	2
* 	FS2	SCREEN	FRAME HEIGHT - 58	2
* 	FS2	SCREEN	FRAME WIDTH/ 2 - 47	2
FIXED & SLIDING GLASS	HEIGHT		FRAME HEIGHT - 100	4
	WIDTH		FRAME WIDTH/ 4 - 32	

NOTE: Frame must add 7mm to overall Height & Width to allow internal return leg (RAW518)

10. Manufacturing Details

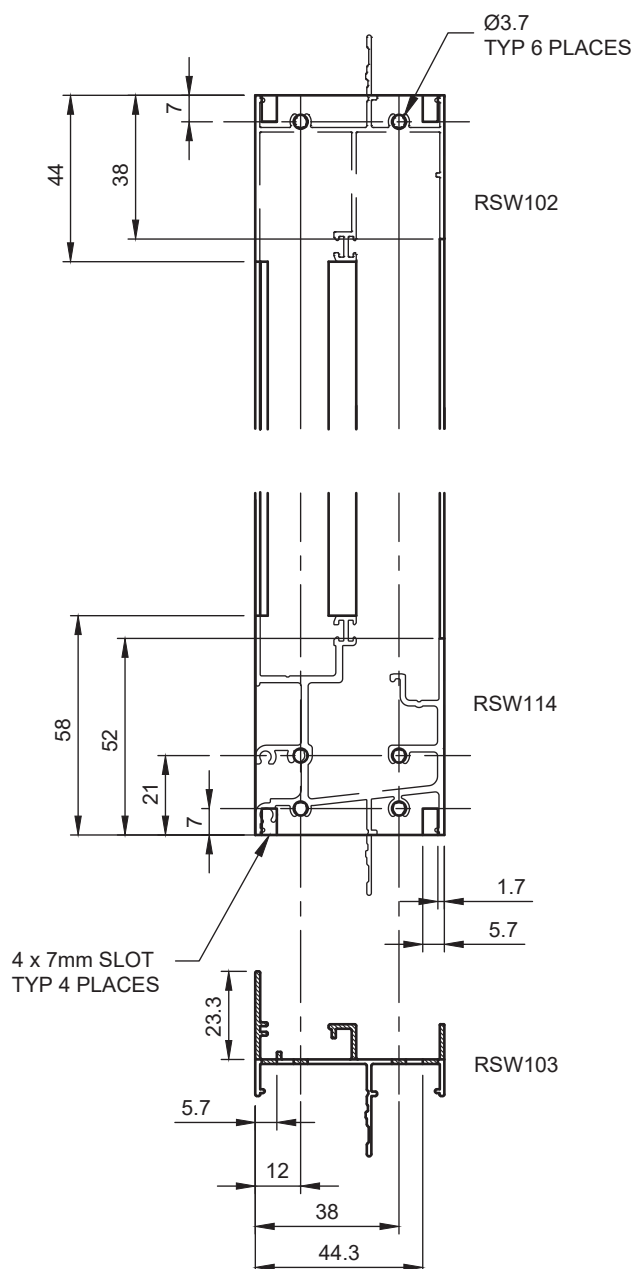
Jamb Preparation - Standard Sill & Head



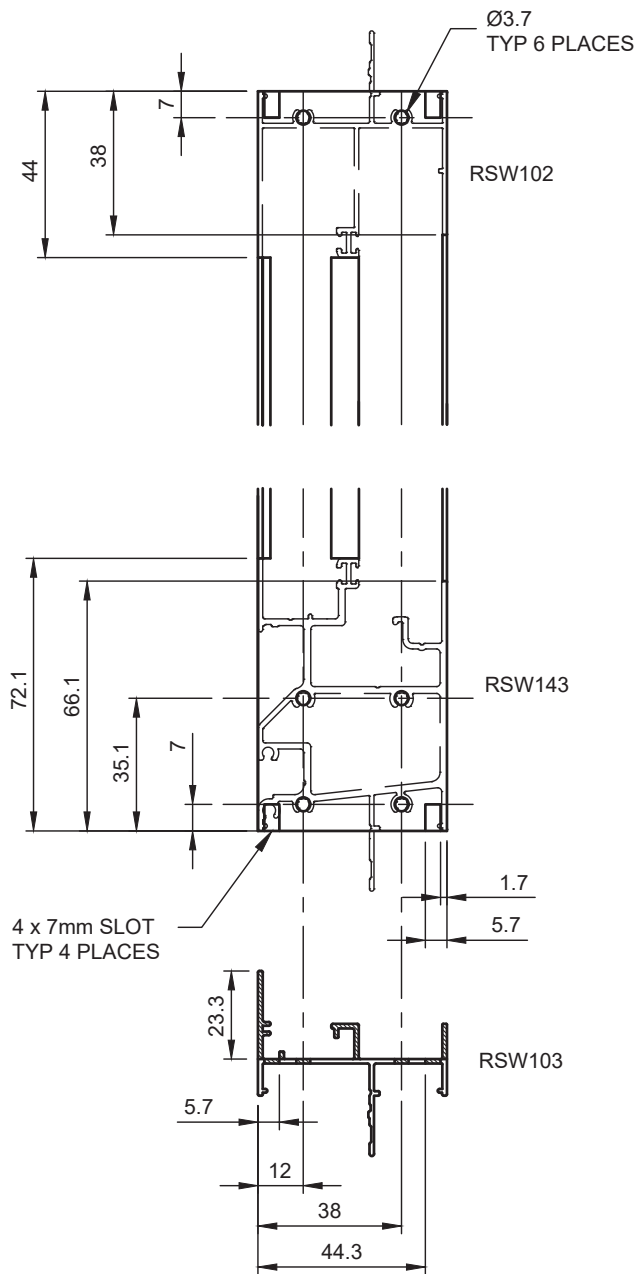
TOP & BOTTOM MACHINING DETAIL ARE THE SAME

10. Manufacturing Details

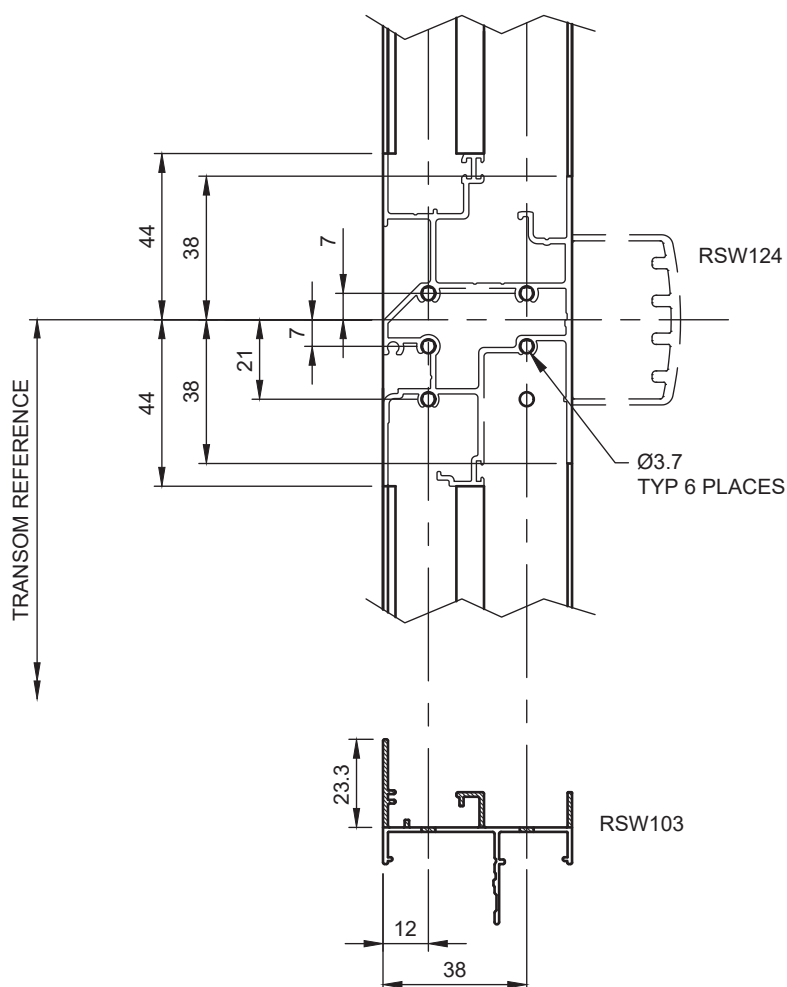
Jamb Preparation - Medium Sill & Head



Jamb Preparation - High Sill & Head

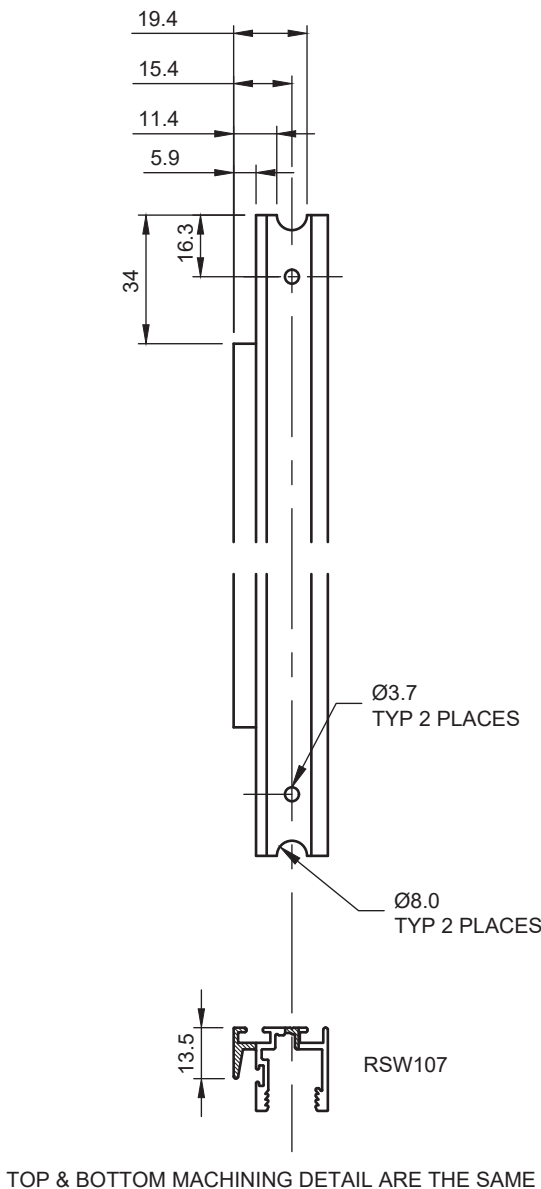


Jamb Preparation - Transom



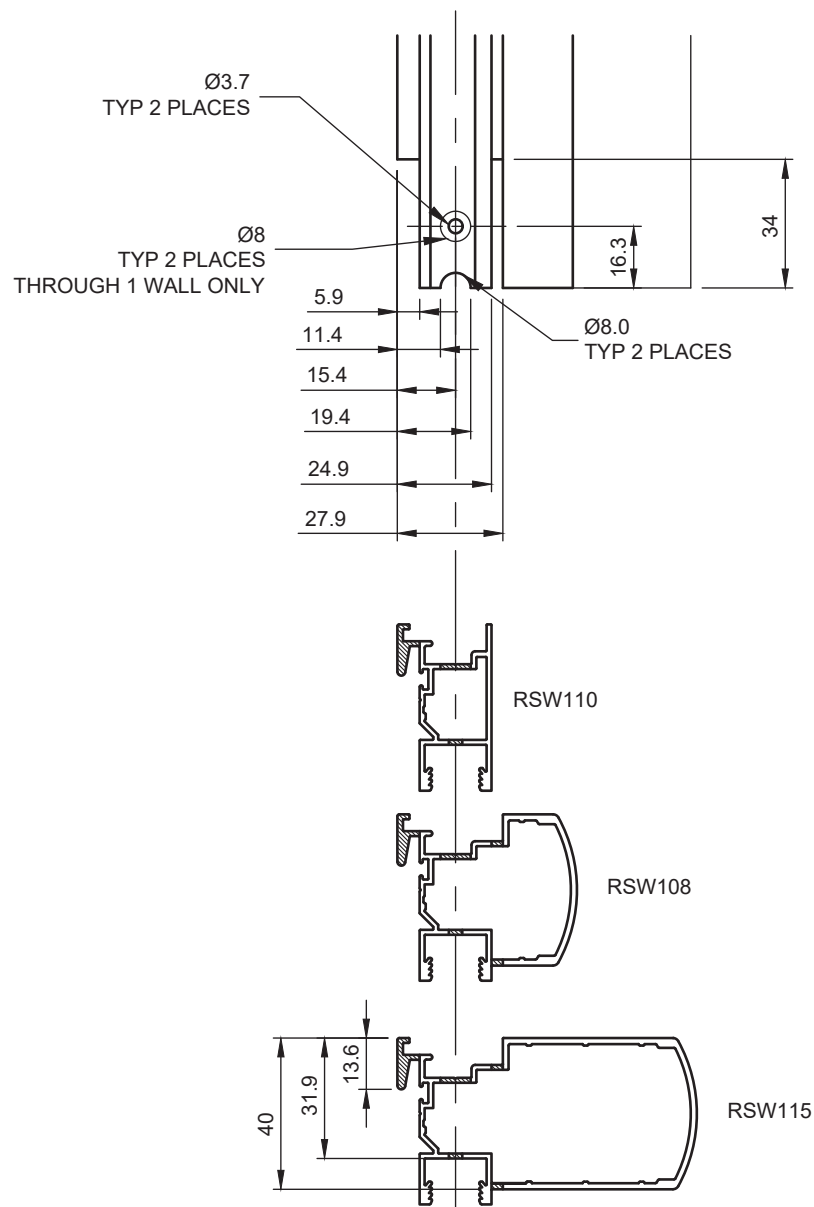
NOTE: THE MACHINING DETAIL ABOVE SUITES ALL TRANSOM OPTIONS.

Interlock Preparation



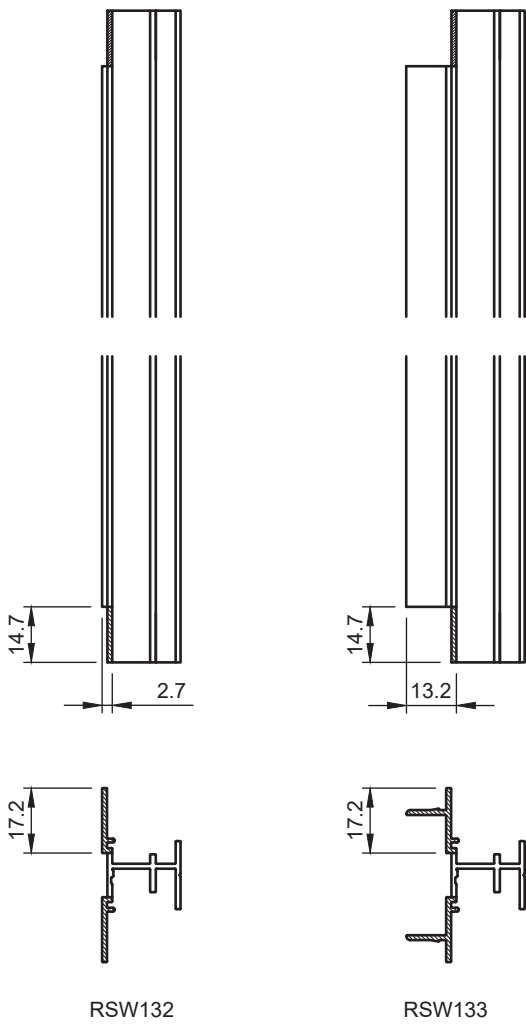
10. Manufacturing Details

Interlock Preparation



10. Manufacturing Details

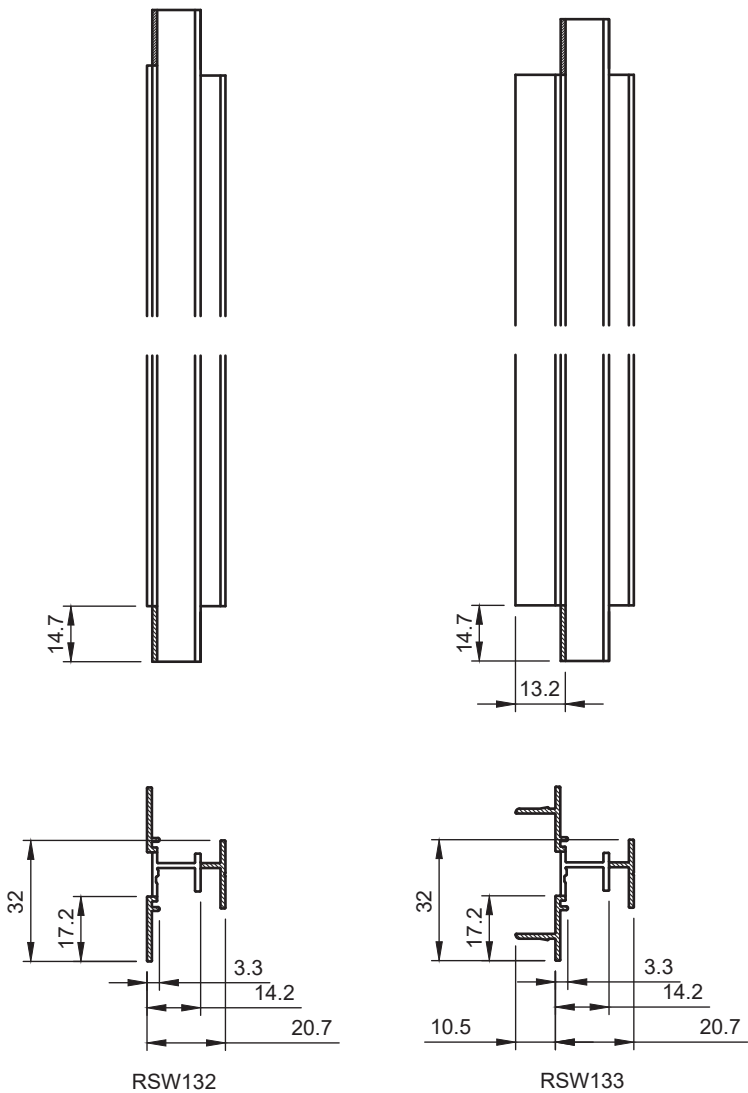
Low Lite Mullion Preparation (Sash Glazed)



TOP & BOTTOM MACHINING DETAIL ARE THE SAME

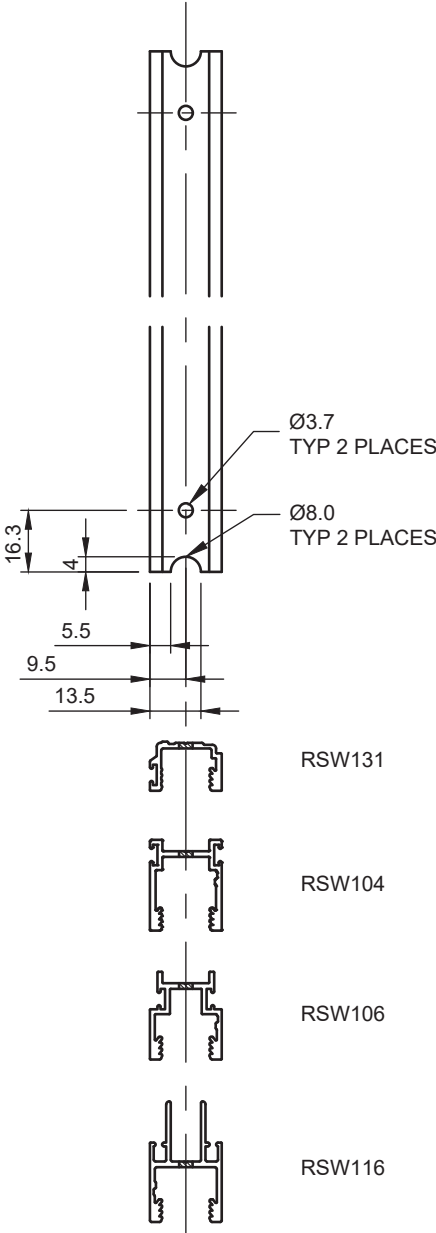
10. Manufacturing Details

Low Lite Mullion Preparation (Direct Glazed)



TOP & BOTTOM MACHINING DETAIL ARE THE SAME

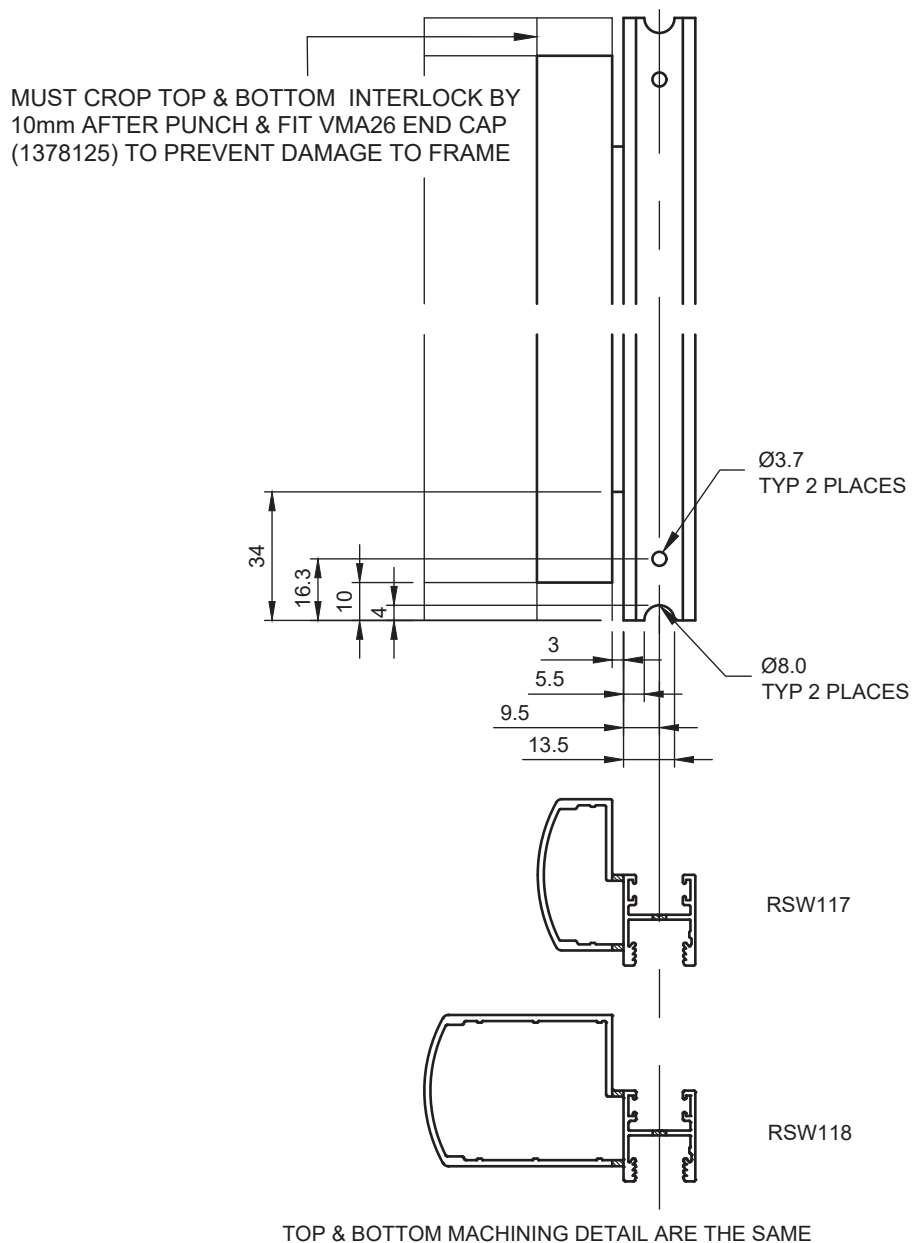
Sash Stile Preparation



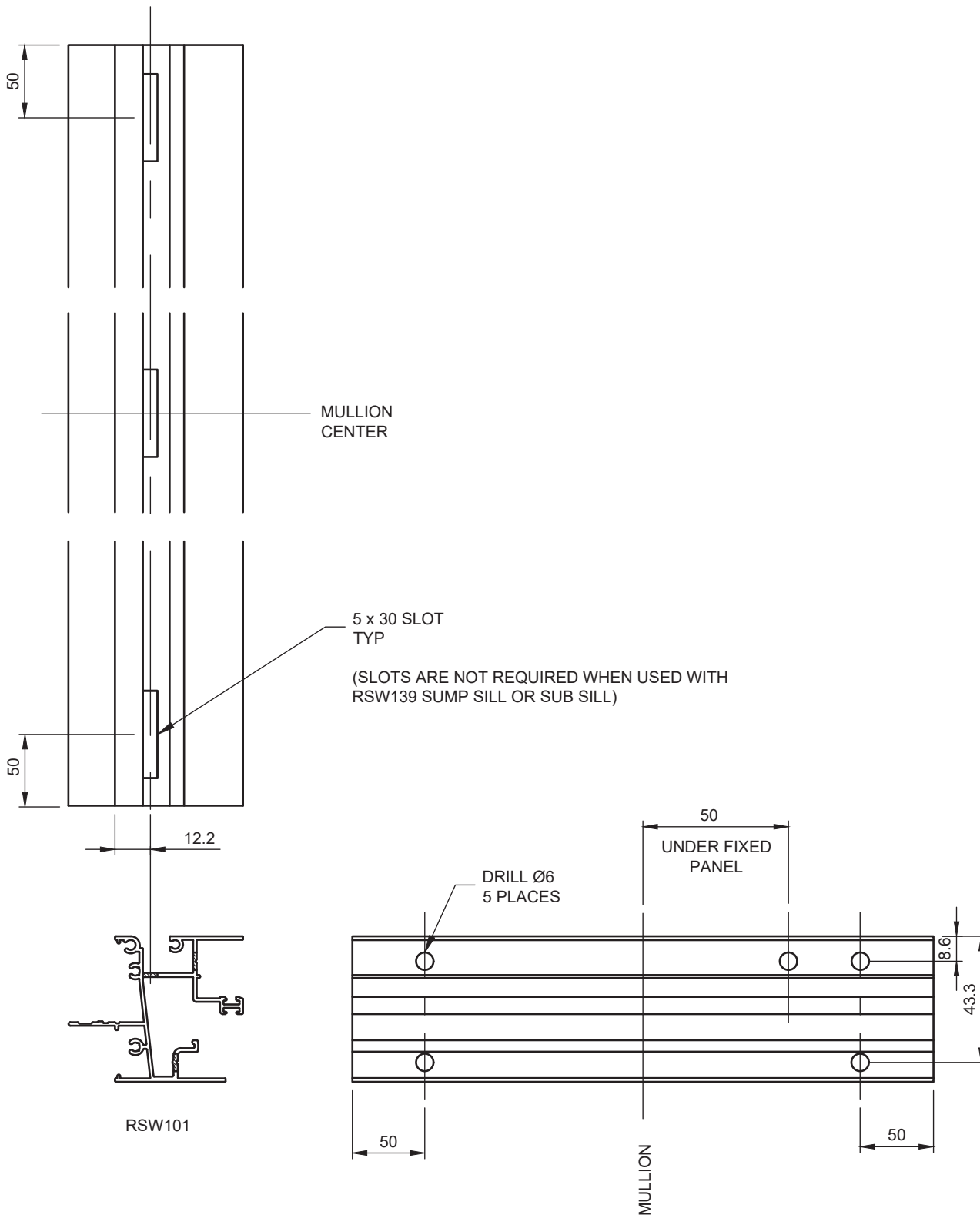
TOP & BOTTOM MACHINING DETAIL ARE THE SAME

10. Manufacturing Details

OXXO Meeting Stile Preparation

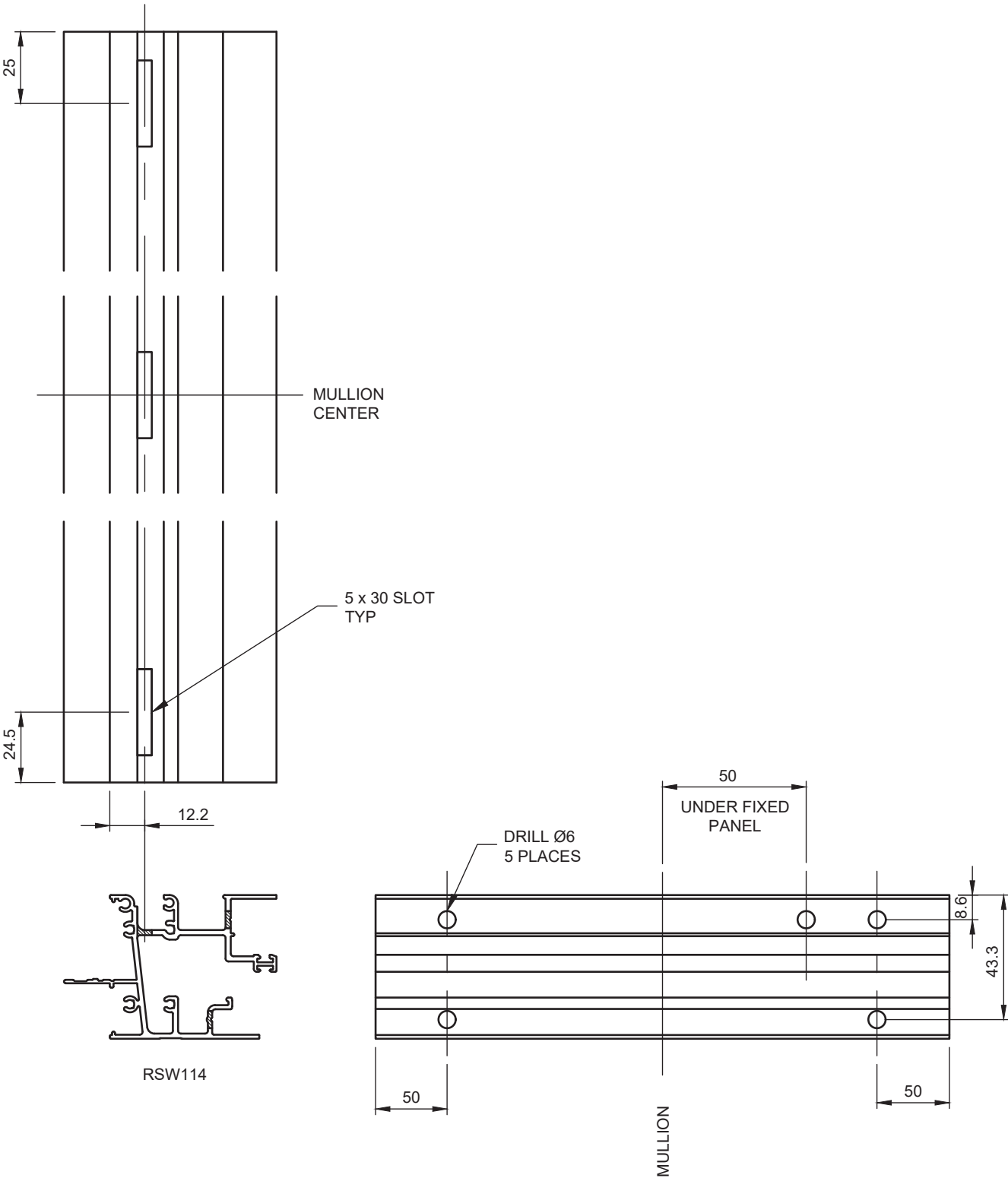


Standard Sill Drainage Preparation

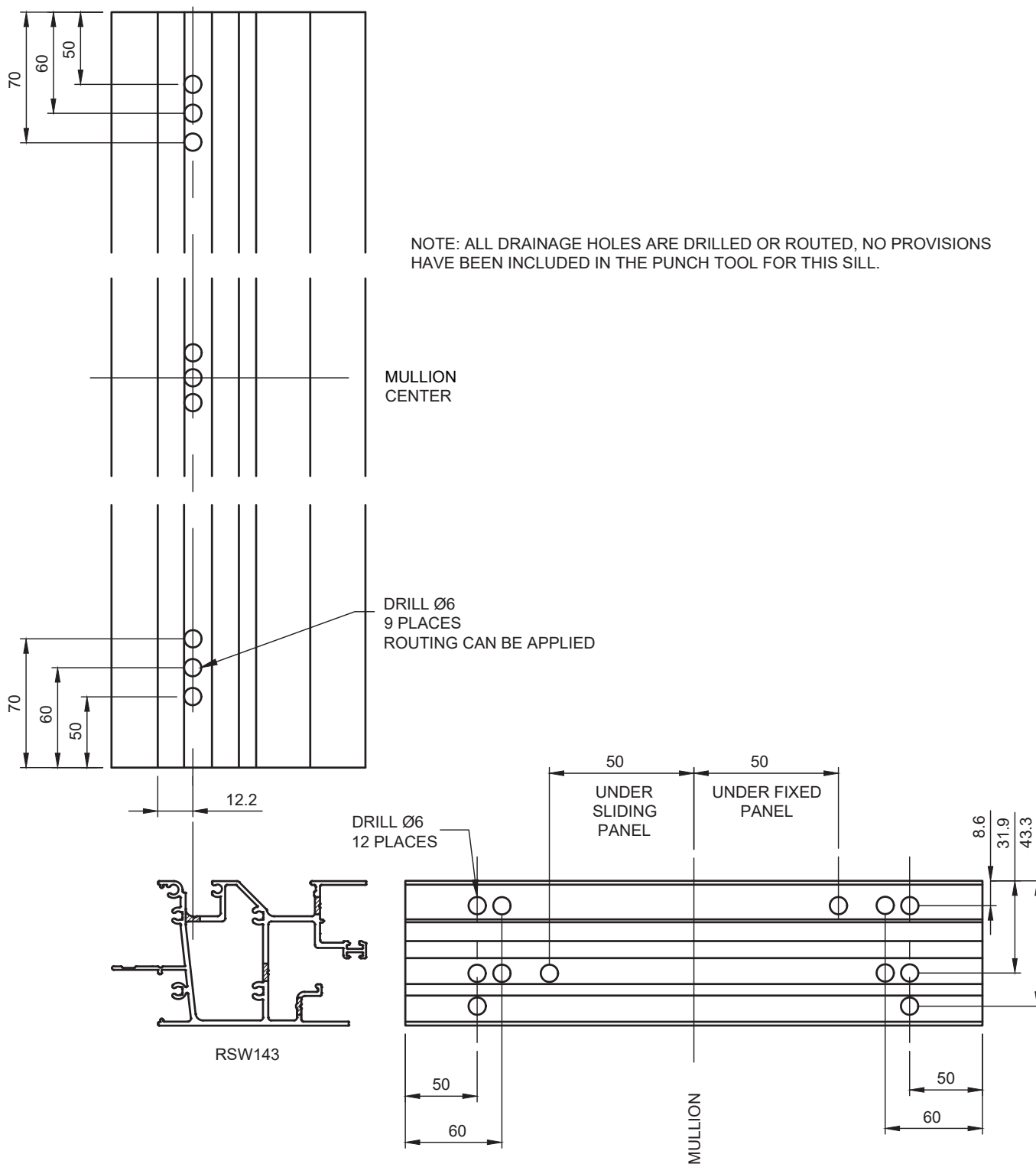


10. Manufacturing Details

Medium Sill Drainage Preparation

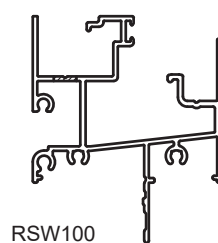
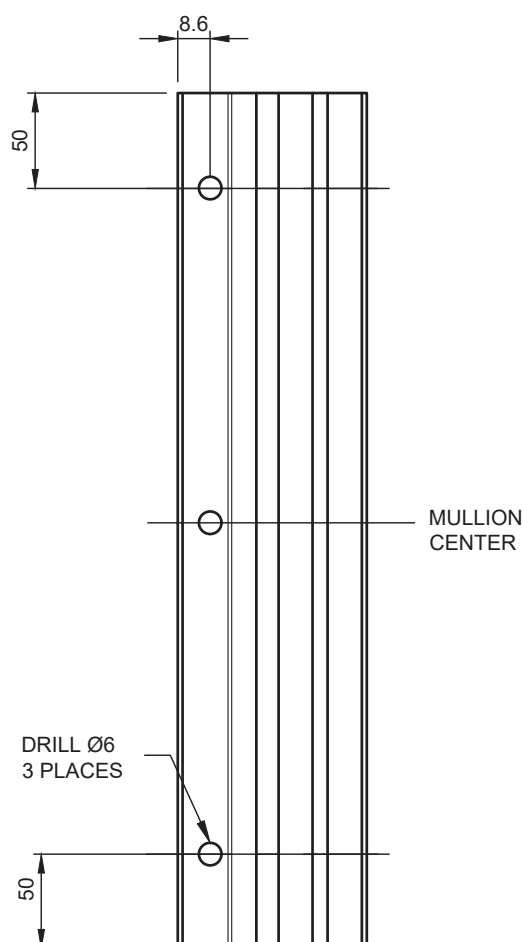


High Sill Drainage Preparation



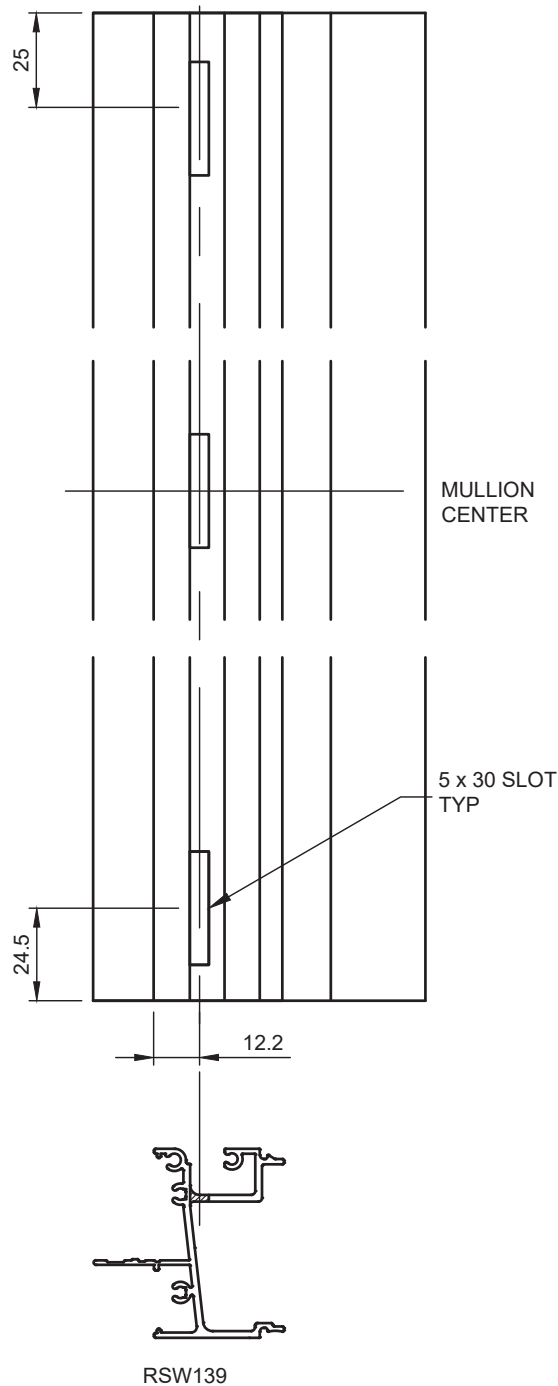
10. Manufacturing Details

Direct Glaze Low Lite Sill Drainage Preparation



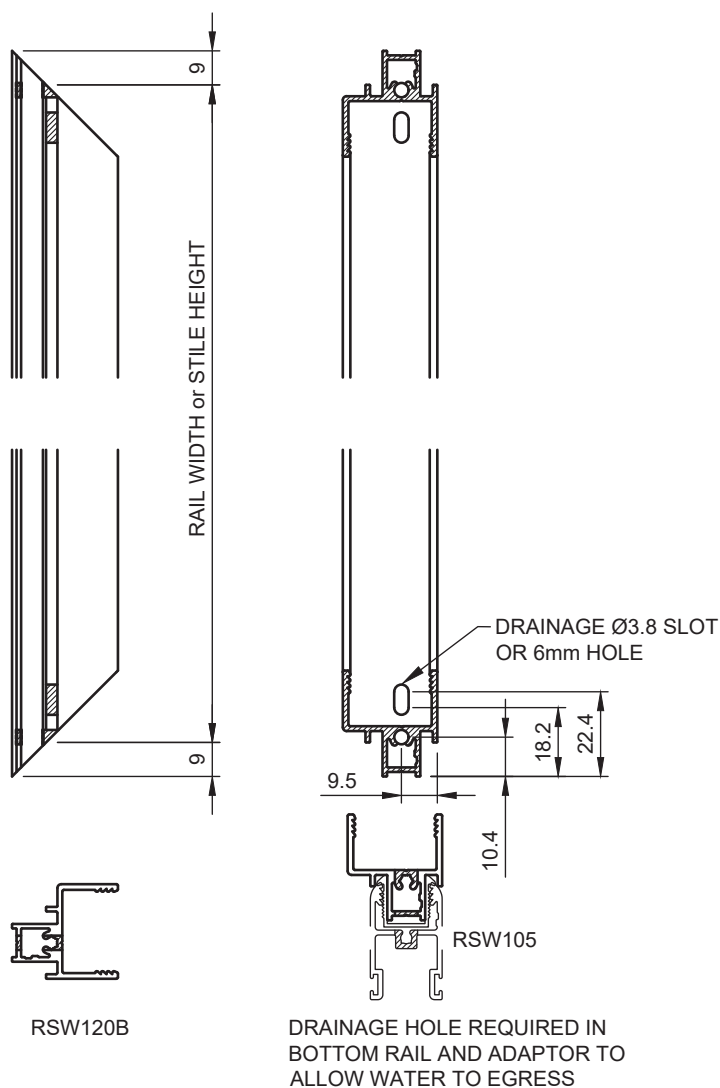
10. Manufacturing Details

Sump Sill Drainage Preparation



10. Manufacturing Details

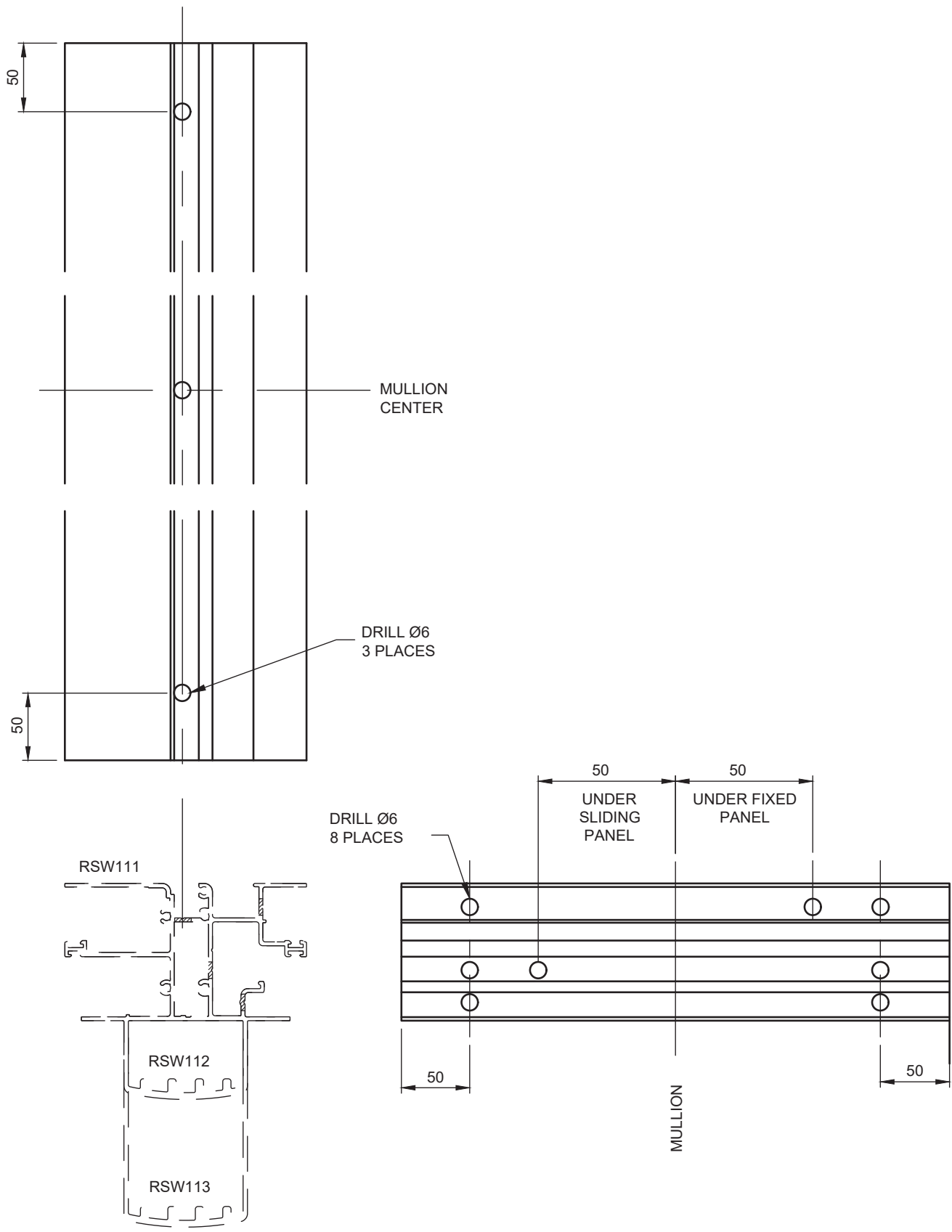
Double Glaze Adapter RSW120B Preparation



CUTTING FORMULA
 DG ADAPTOR HEIGHT = SASH STILE HEIGHT - 43
 DG ADAPTOR WIDTH = SASH RAIL WIDTH + 18

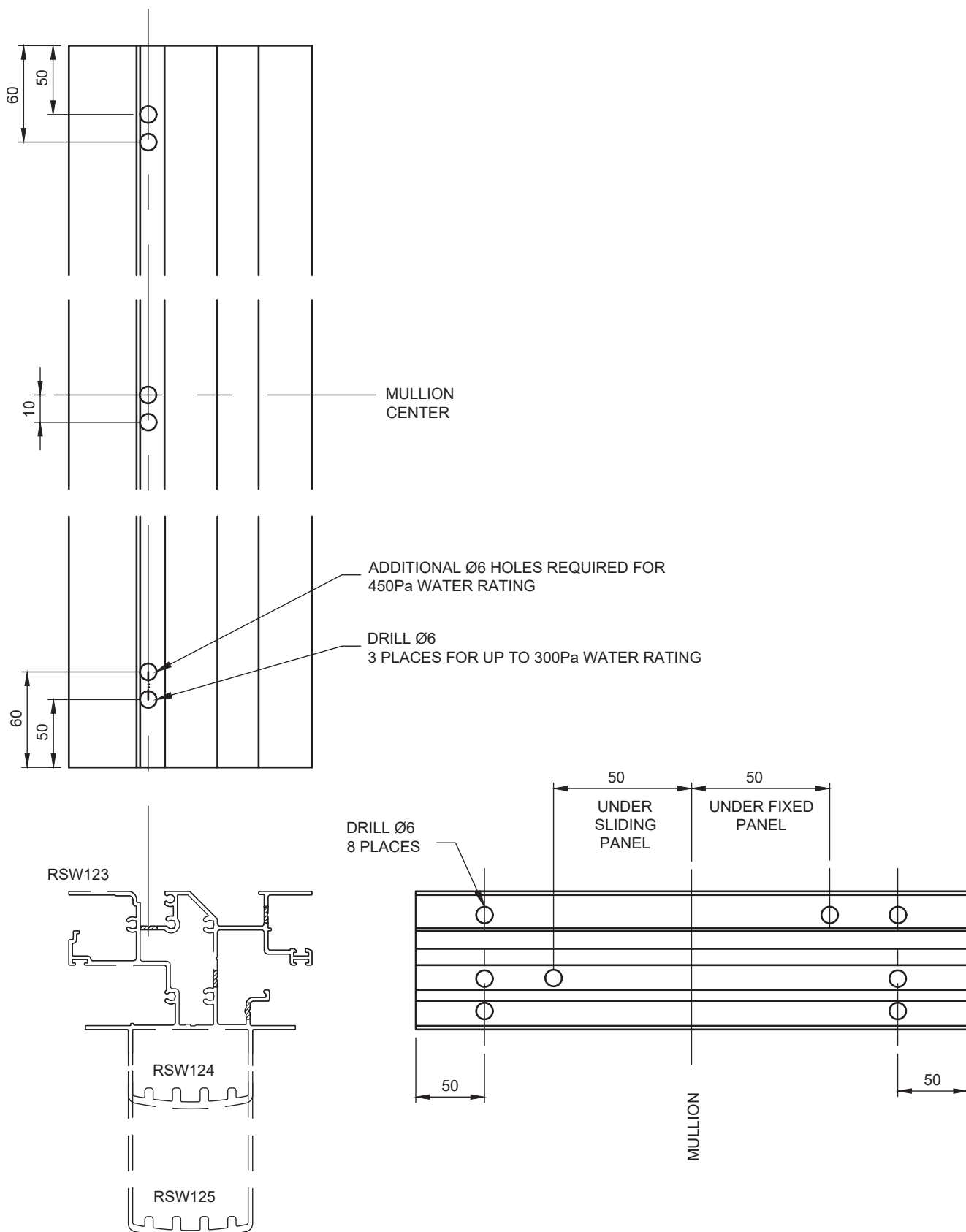
10. Manufacturing Details

Internal Drainage Preparation - Sash/ Sash (300Pa)



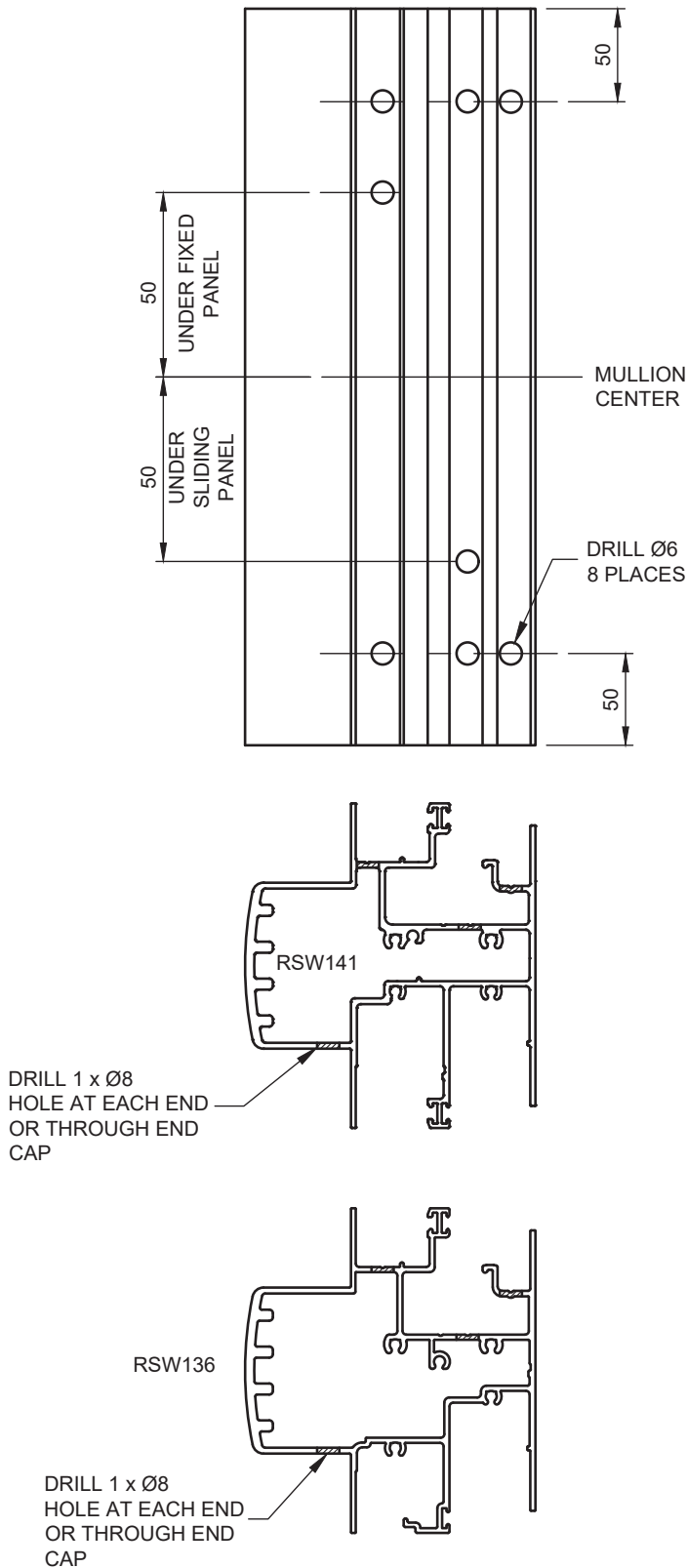
10. Manufacturing Details

Internal Transom Drainage Preparation - Sash/ Direct (450Pa)



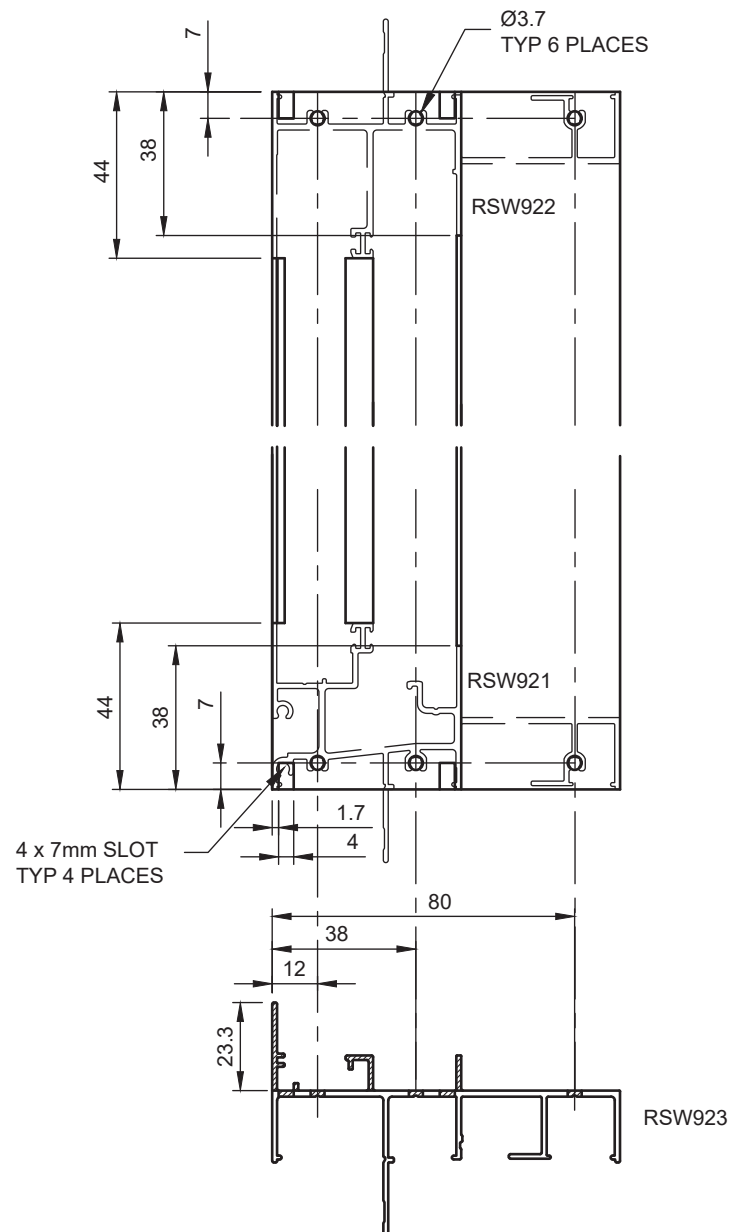
10. Manufacturing Details

External Transom Drainage Preparation - (300Pa)



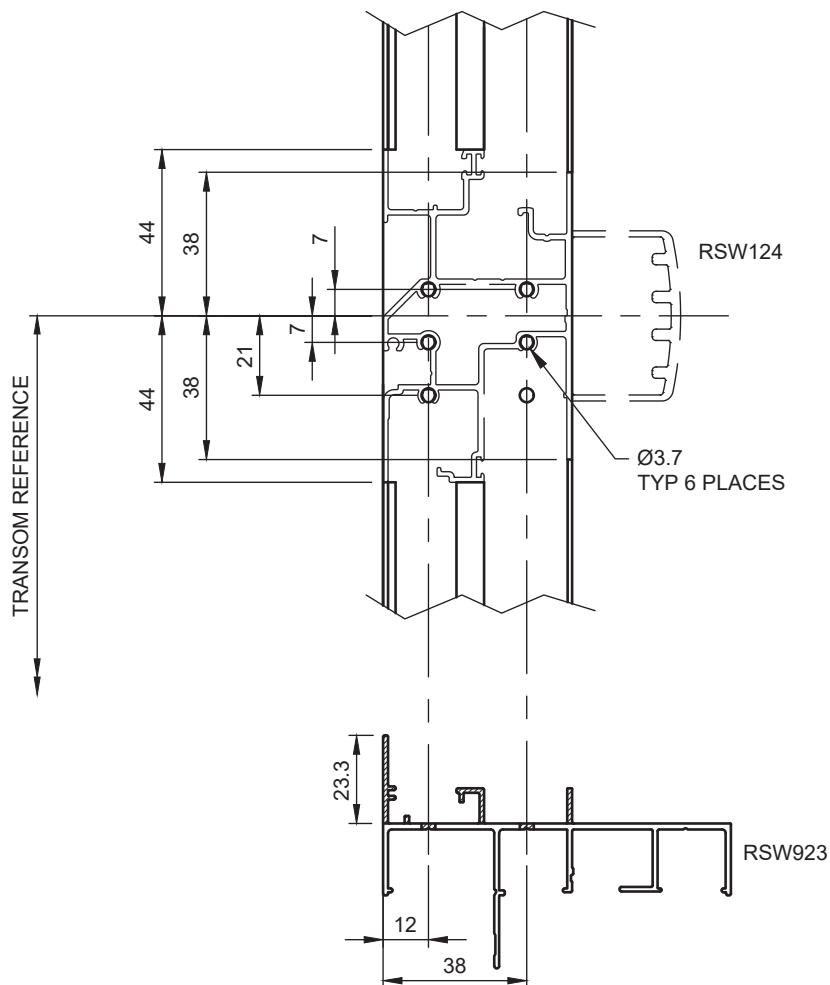
10. Manufacturing Details

92mm Jamb Preparation - Standard Sill (200 Pa)



NOTE: TOP & BOTTOM MACHINING DETAIL ARE THE SAME. THIS DETAIL APPLIES TO RSW925 & RSW924 EXTRUSION ALSO.

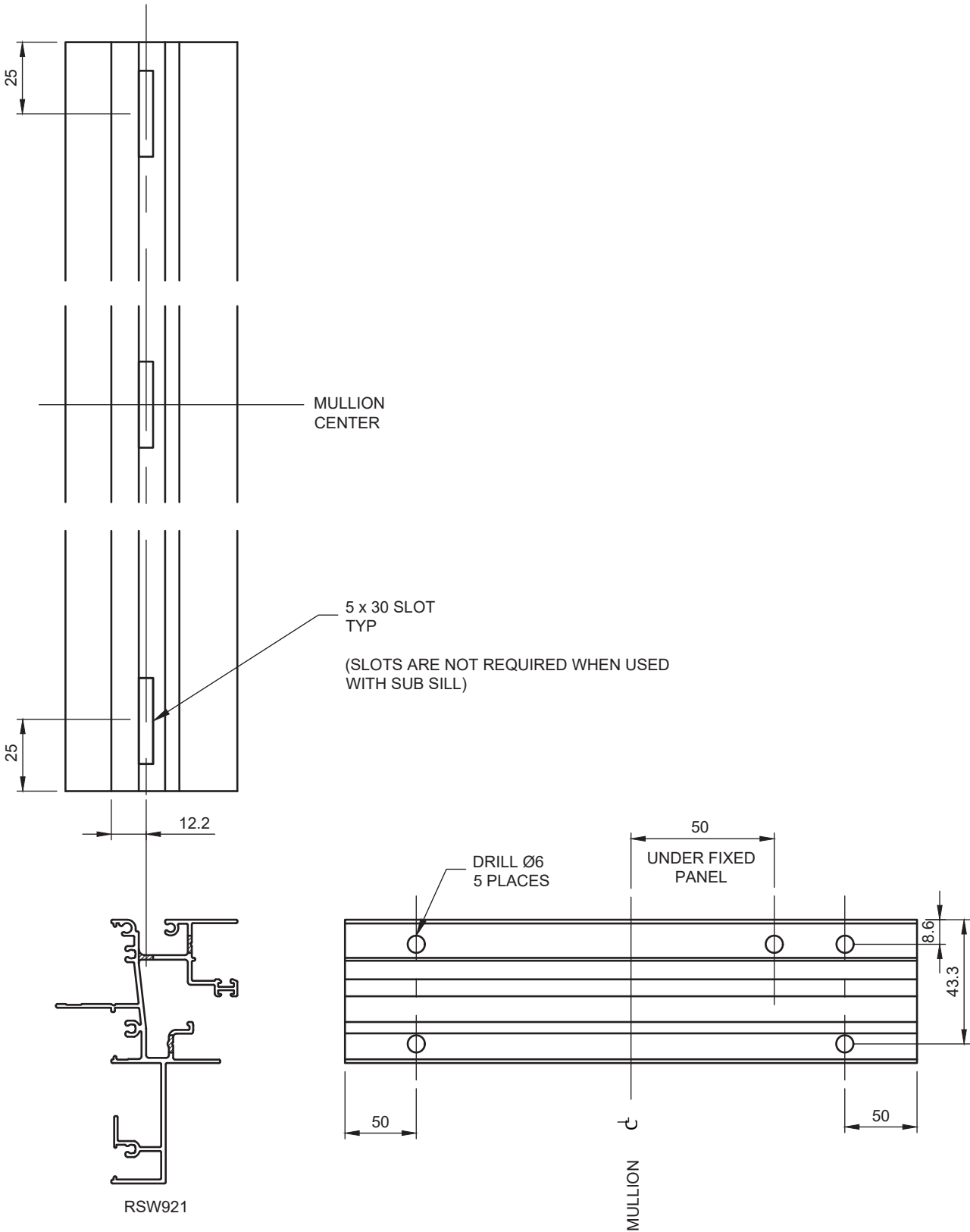
92mm Jamb Preparation - Transom



NOTE: THE MACHINING DETAIL ABOVE SUITES ALL TRANSOM OPTIONS.

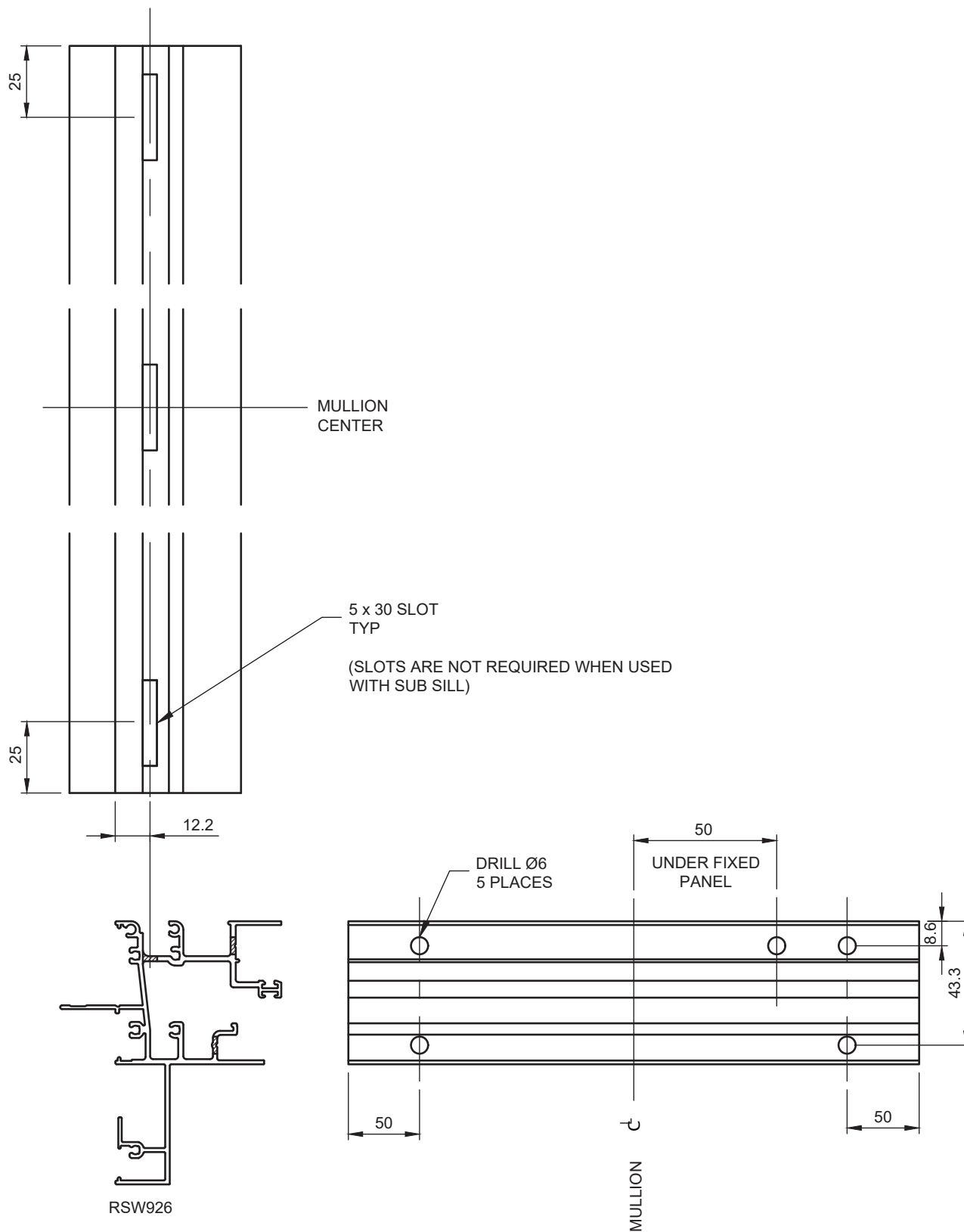
10. Manufacturing Details

92mm Frame Standard Sill Drainage Preparation



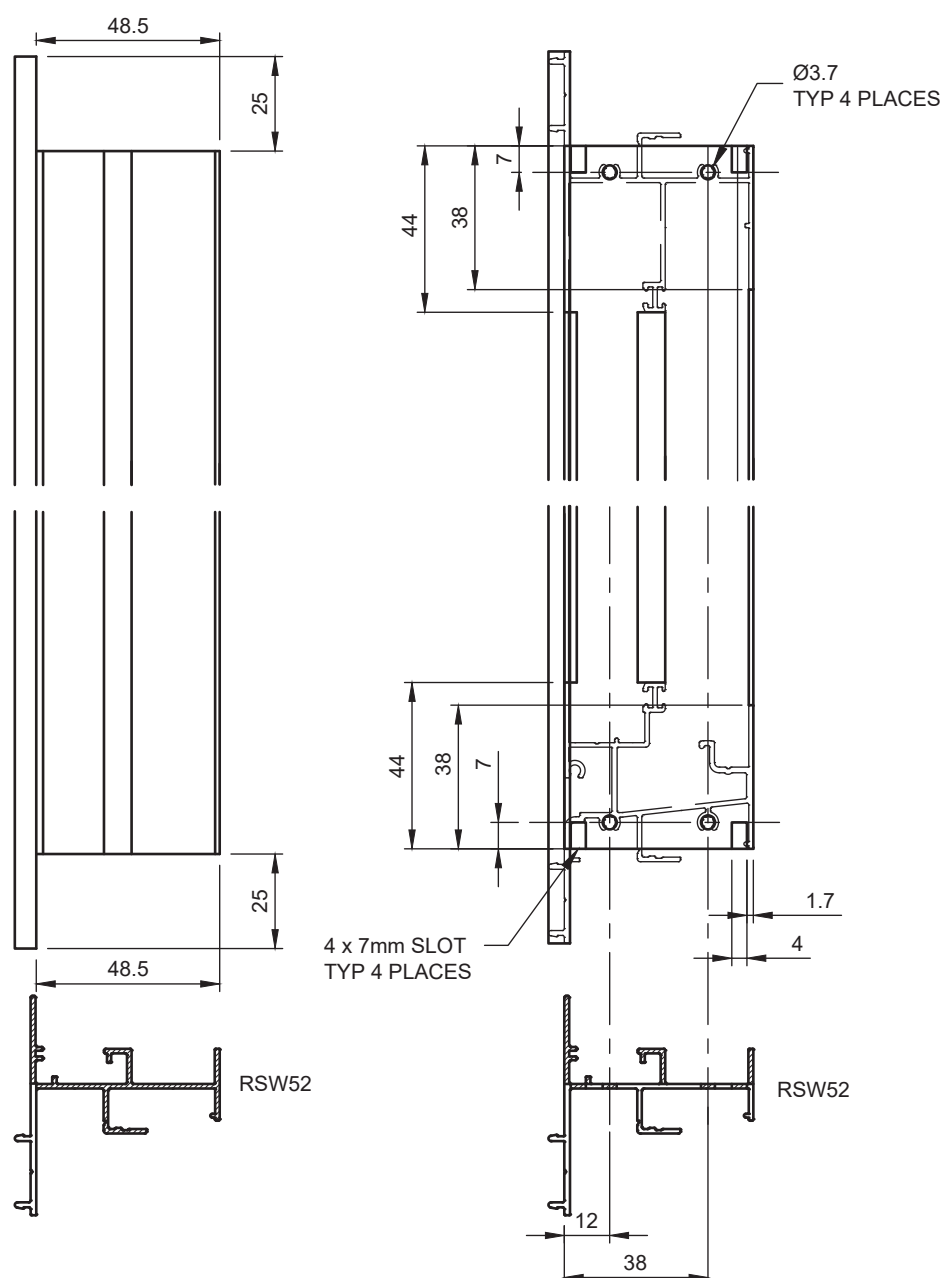
10. Manufacturing Details

92mm Frame Medium Sill Drainage Preparation

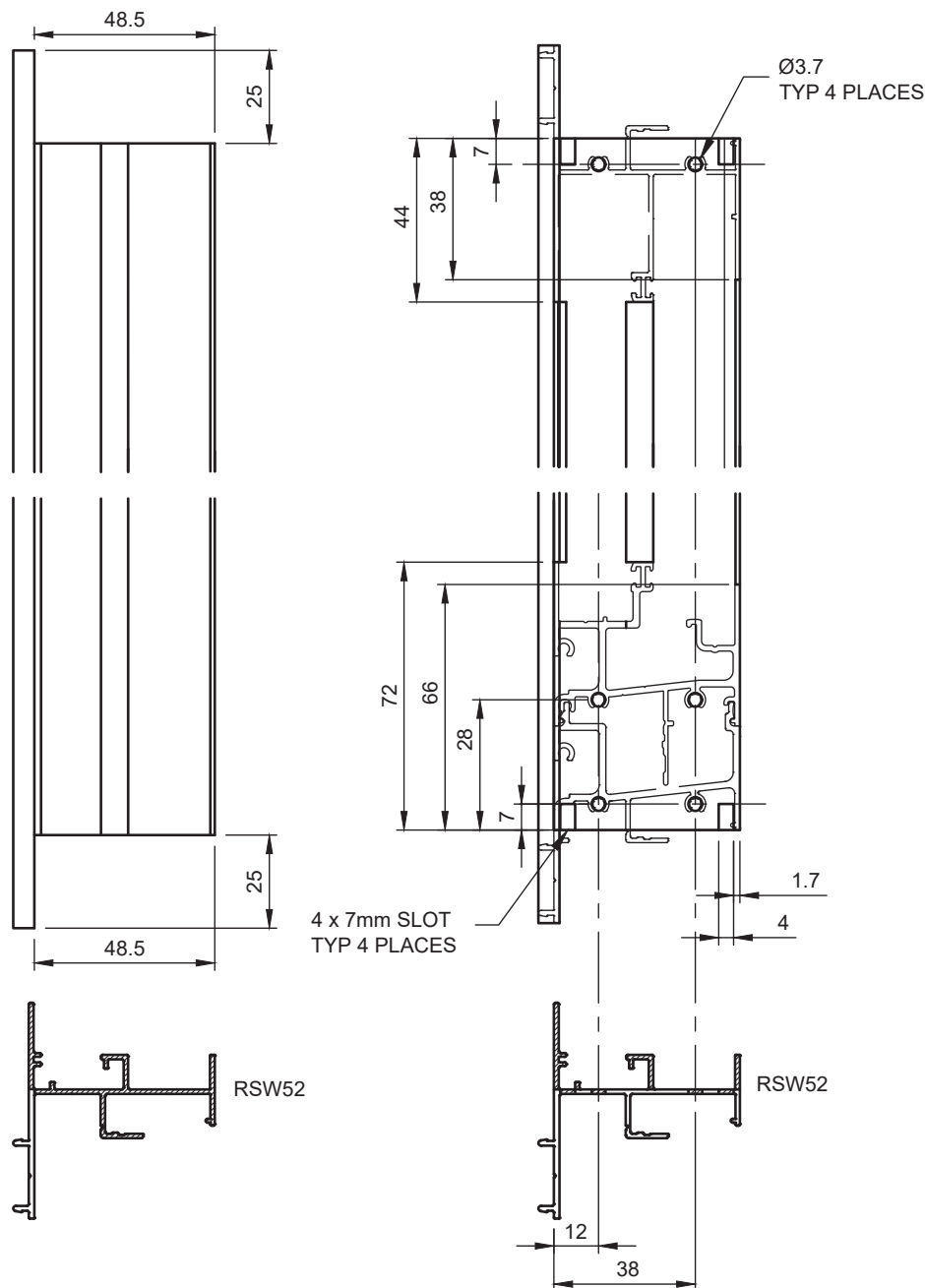


10. Manufacturing Details

Jamb Preparation - Face Fix Standard Sill

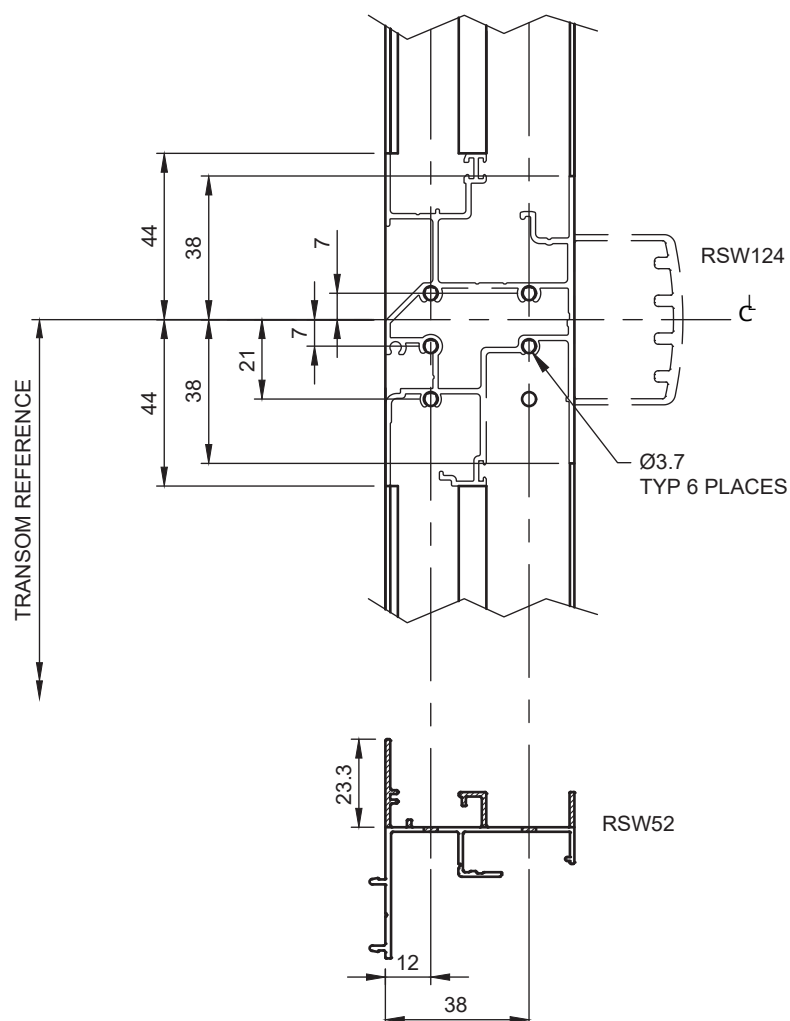


Jamb Preparation - Face Fix High Sill



10. Manufacturing Details

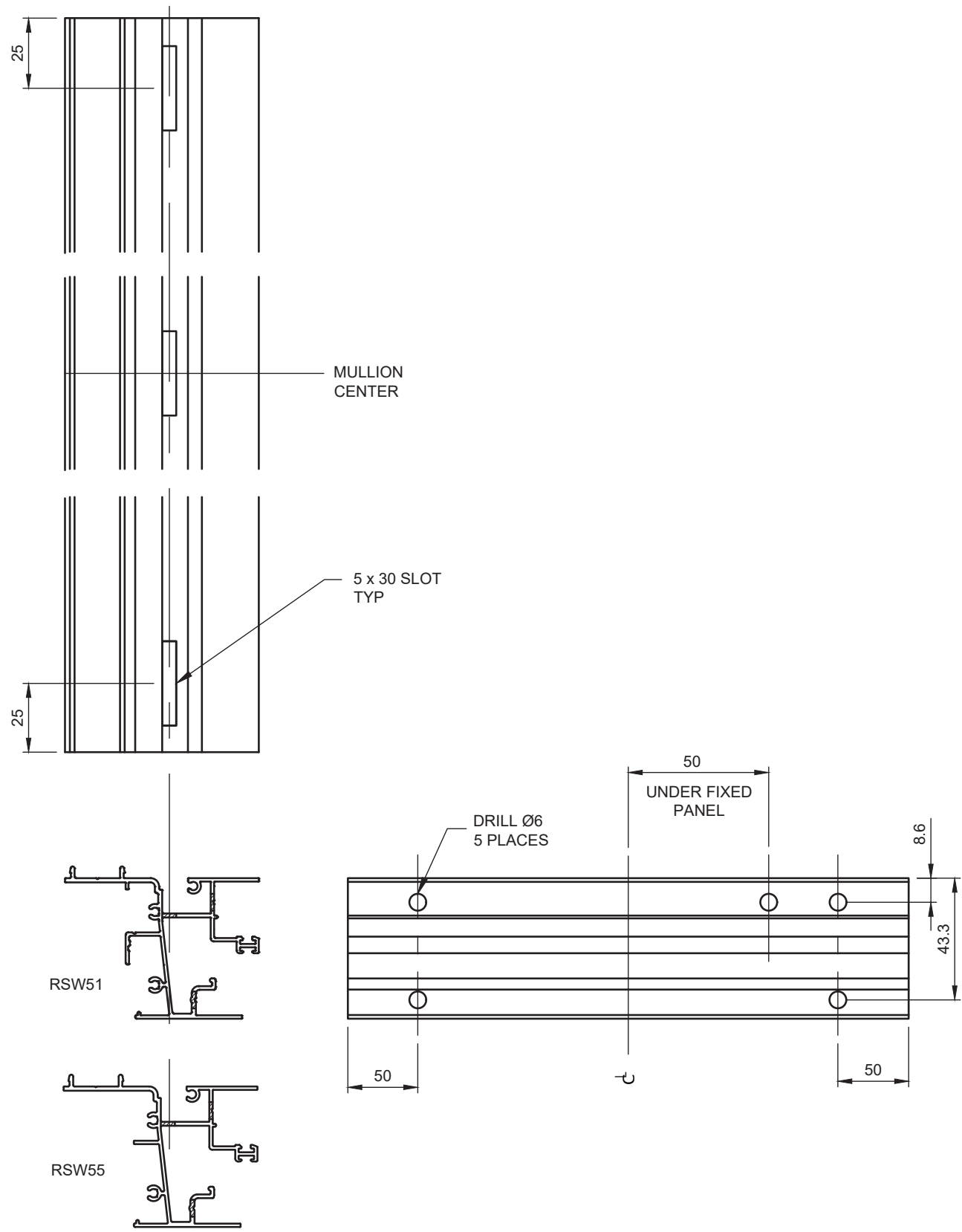
Jamb Preparation - Face Fix Transom



NOTE: THE MACHINING DETAIL ABOVE SUITES ALL TRANSOM OPTIONS.

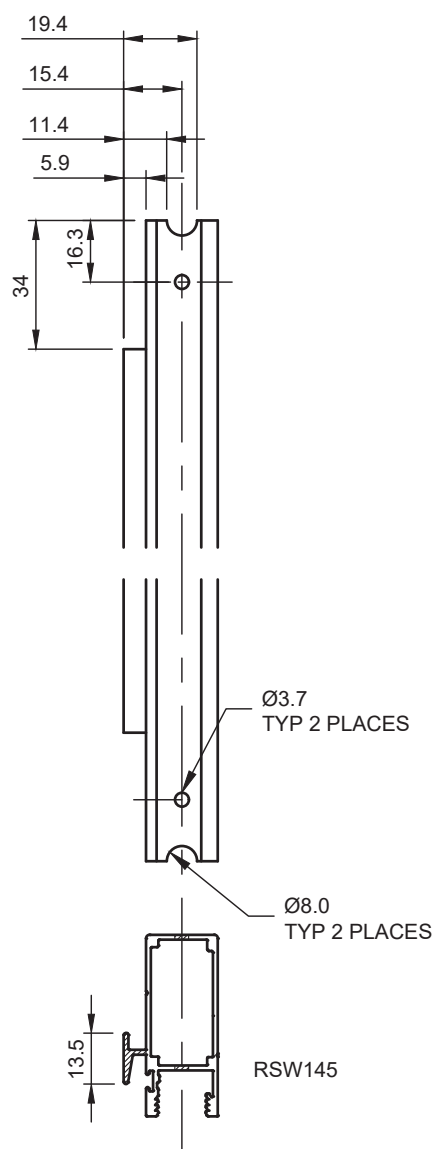
10. Manufacturing Details

Face Fix Standard Drainage Preparation



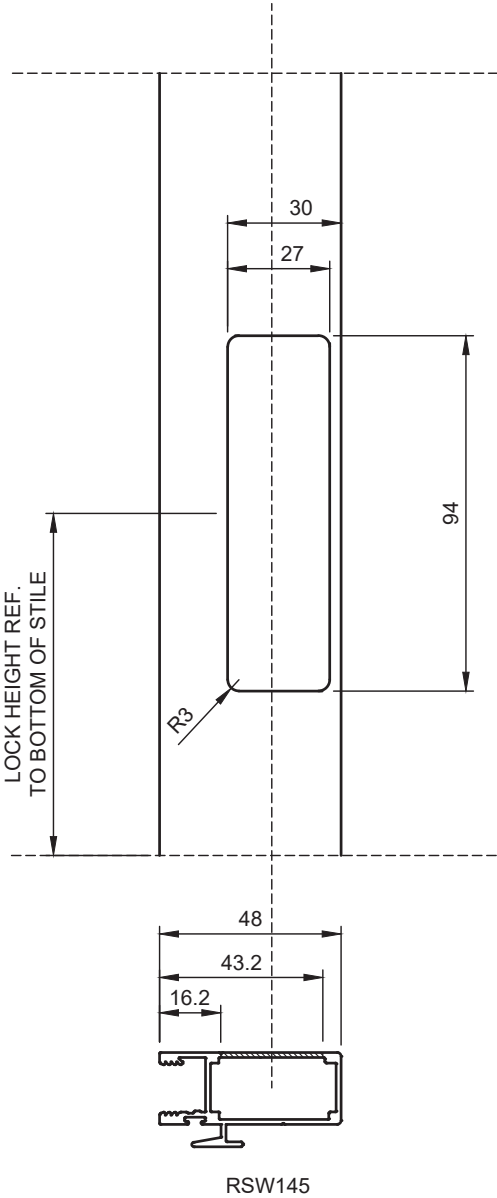
10. Manufacturing Details

Sliding Interlock Preparation



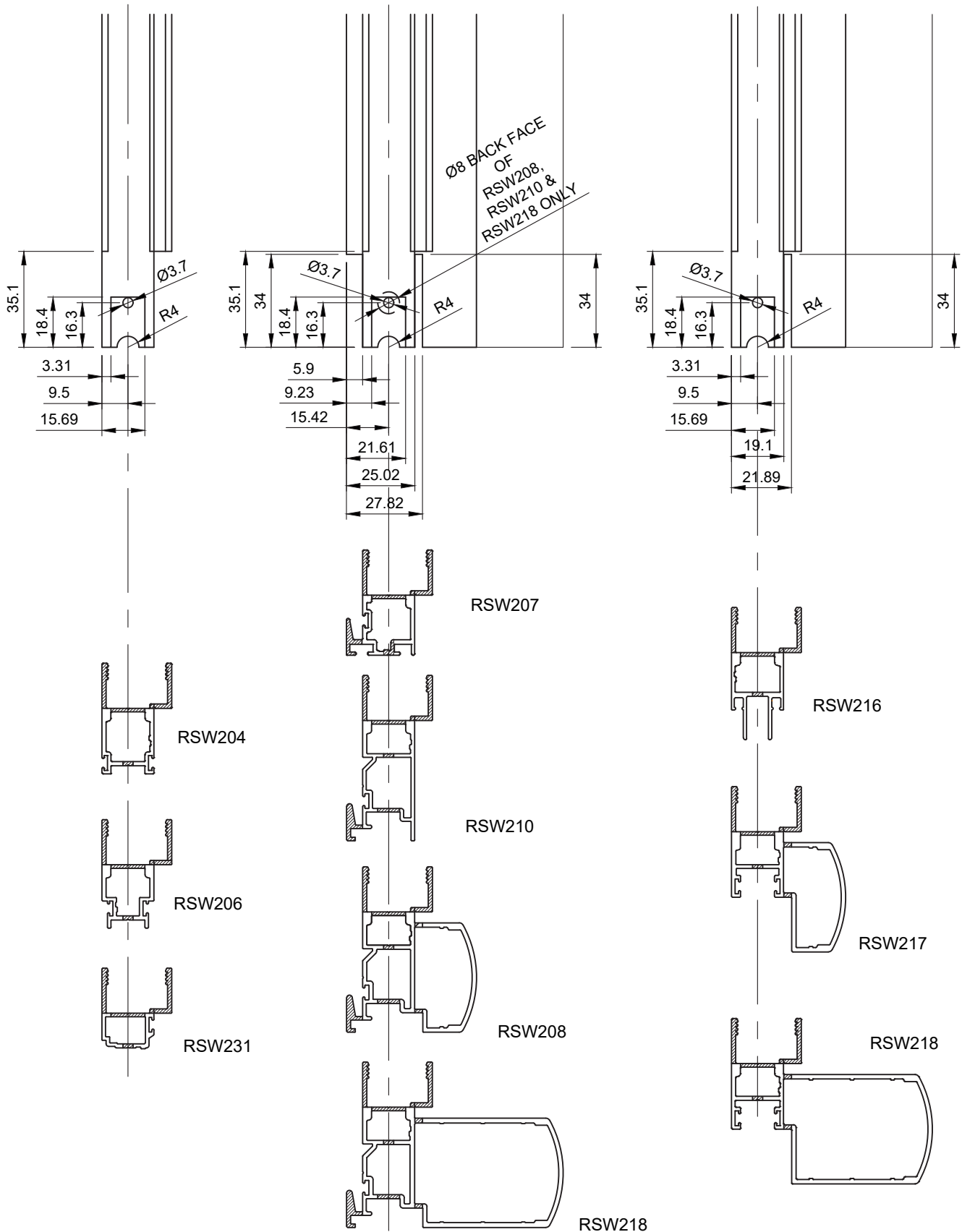
TOP & BOTTOM MACHINING DETAIL ARE THE SAME

Sliding Interlock Vent Lock Preparation



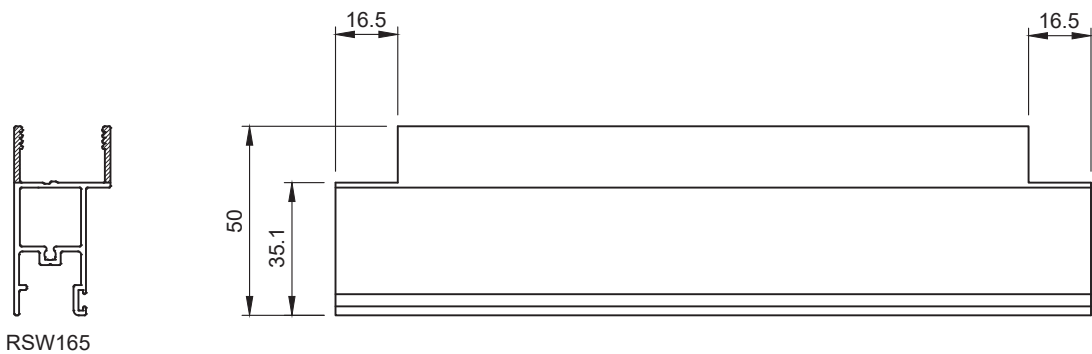
10. Manufacturing Details

Double Glazed Sash Stile Preparation



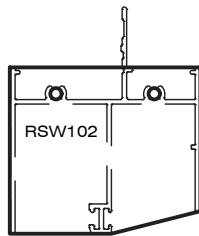
10. Manufacturing Details

Double Glazed Interlock Preparation



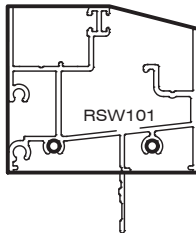
11. Assembly Details

Frame Joint Gasket Assembly Detail

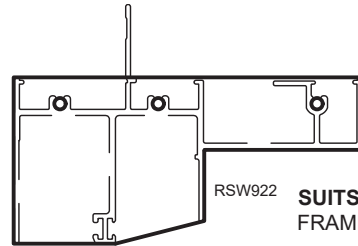


**SUITS:
FRAME**

- RSW102
- RSW122
- RSW100
- RSW101
- RSW50
- RSW51

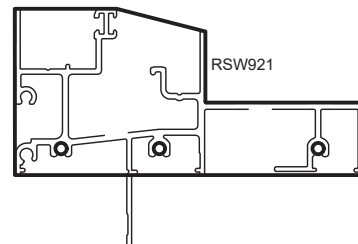


RSWA27 HEAD / SILL JOINT GASKET

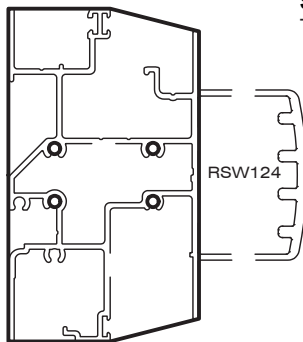


**SUITS:
FRAME**

- RSW918
- RSW925
- RSW924



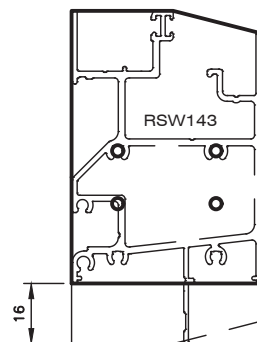
RSWA37 HEAD / SILL JOINT GASKET



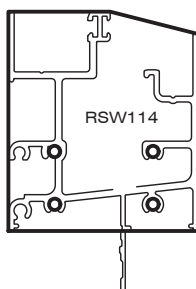
**SUITS:
TRANSOMS**

- RSW111
- RSW112
- RSW113
- RSW123
- RSW124
- RSW125
- RSW136
- RSW137
- RSW141

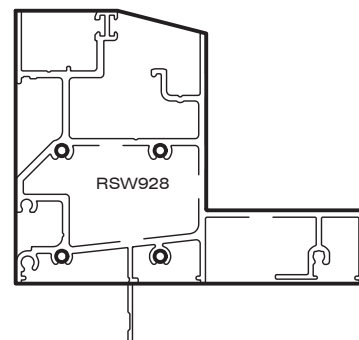
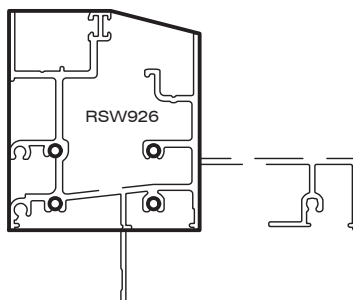
RAWA29 TRANSOM JOINT GASKET



TRIM TO SUIT
RSW143 HIGH SILL



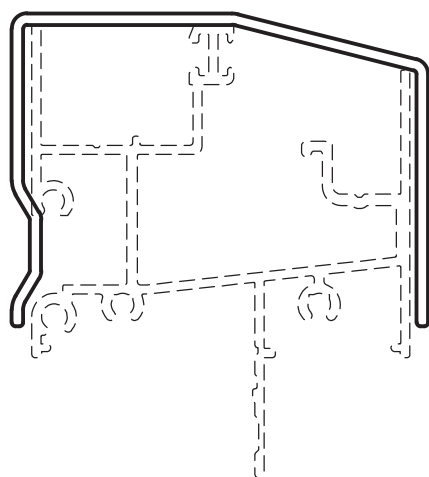
RSWA28 - MED SILL JOINT GASKET



RSWA38 - HIGH SILL JOINT GASKET

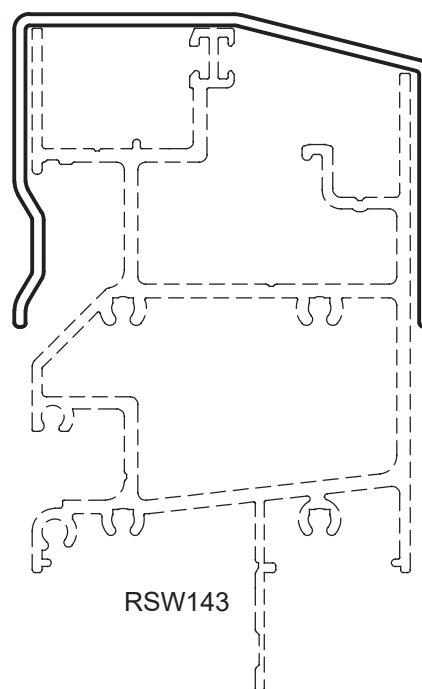
11. Assembly Details

Sill Cover Assembly

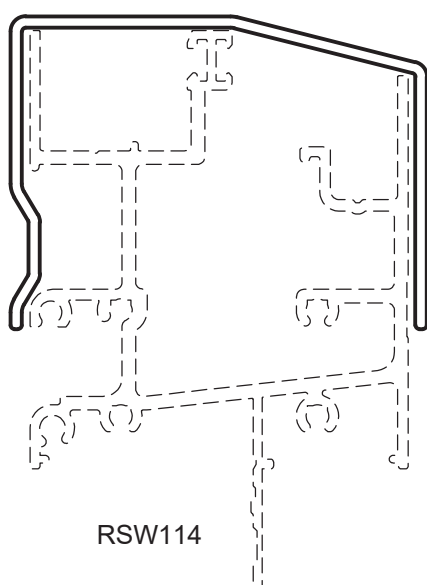


RSW101

RSWA21 Sill Cover x 3.6m.



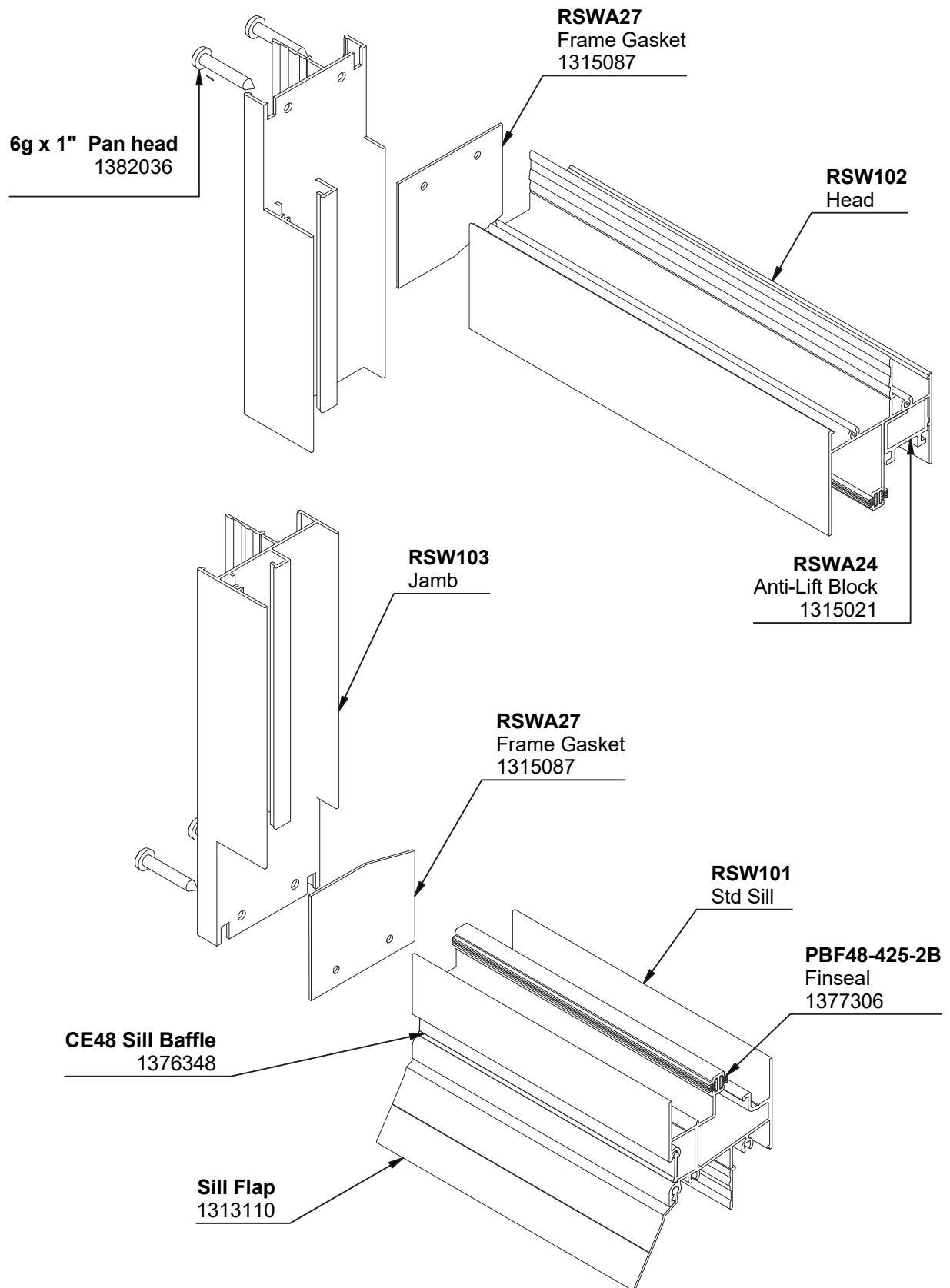
RSW143



RSW114

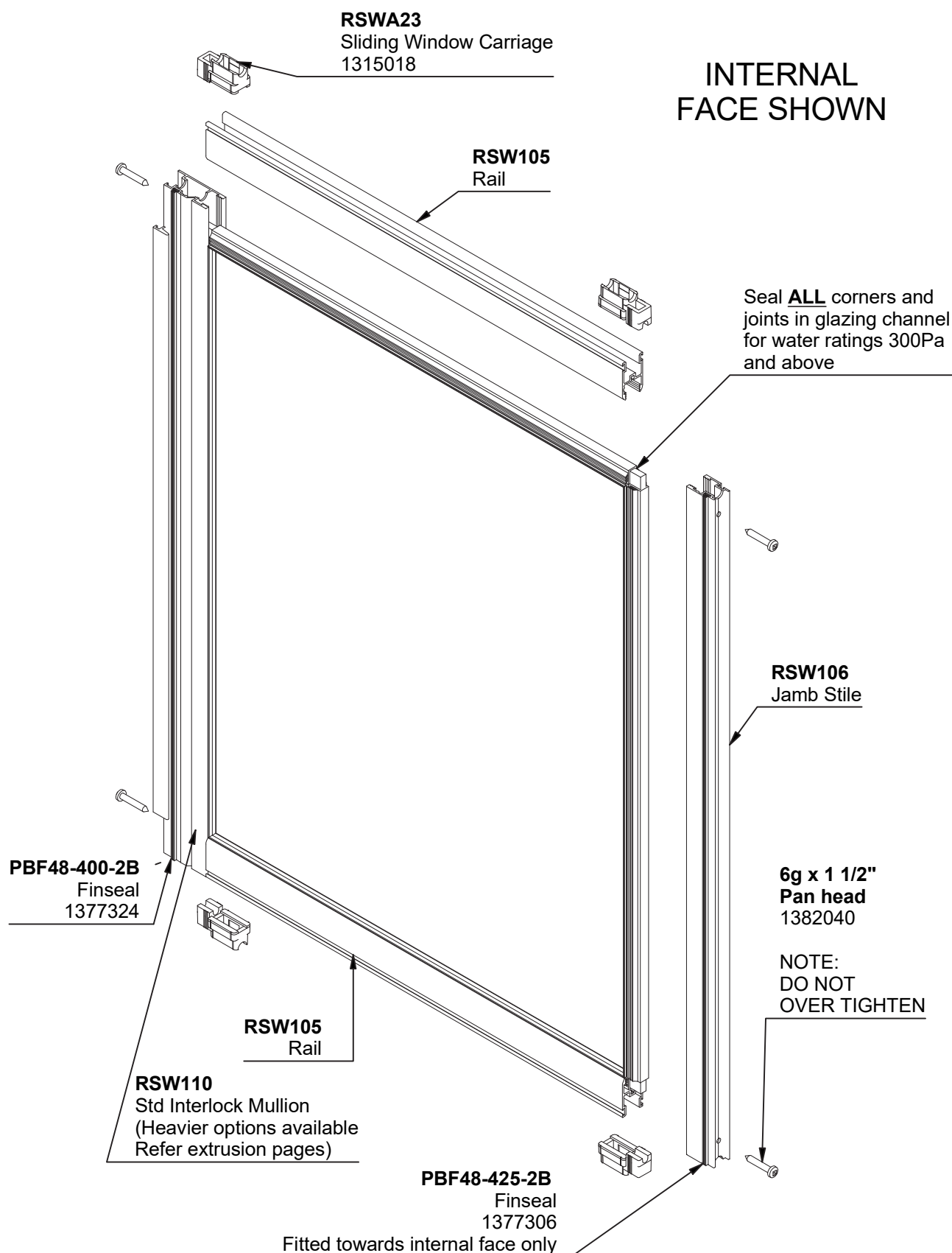
11. Assembly Details

Sill and Head Assembly Details



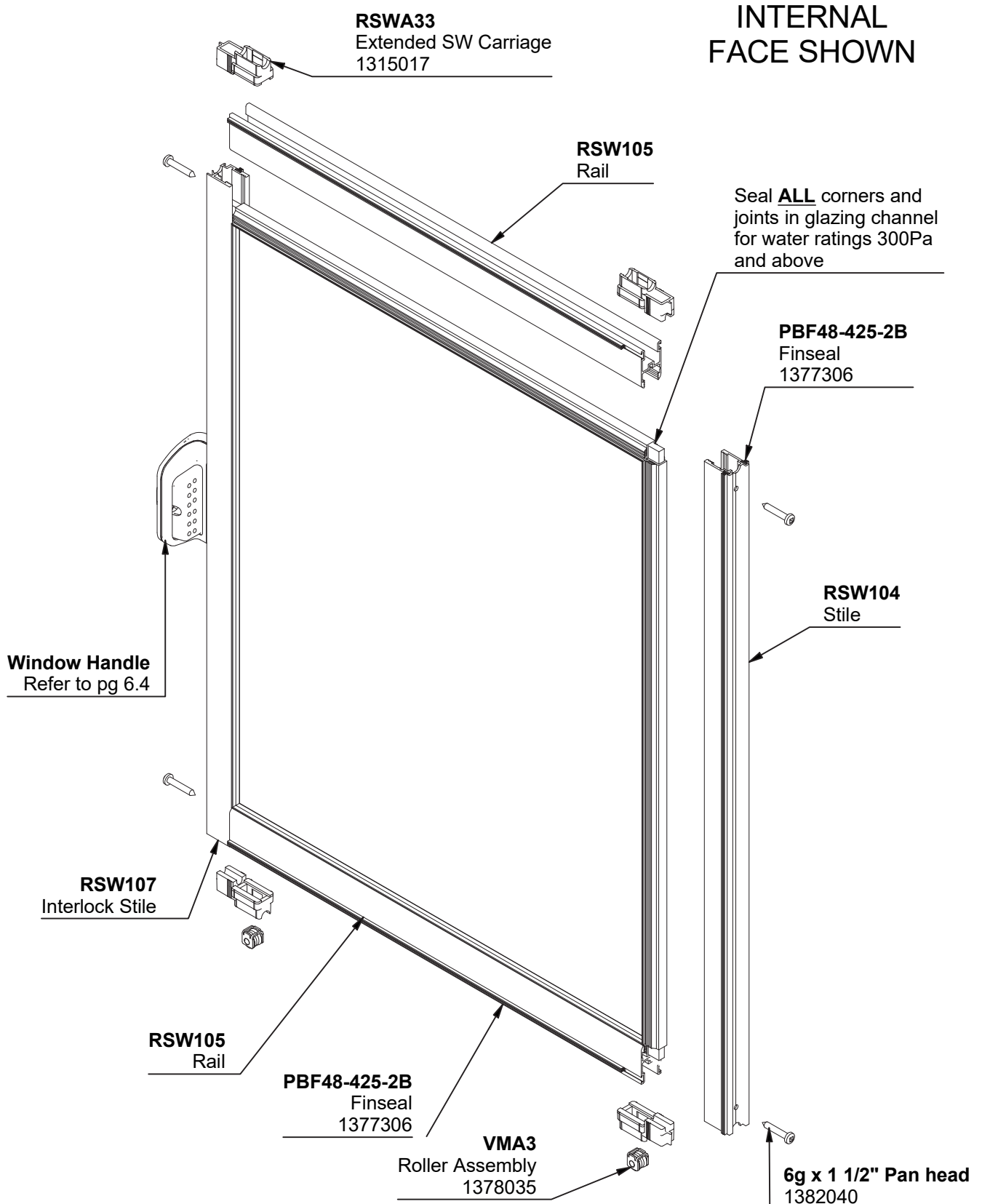
11. Assembly Details

Fixed Sash Assembly Details



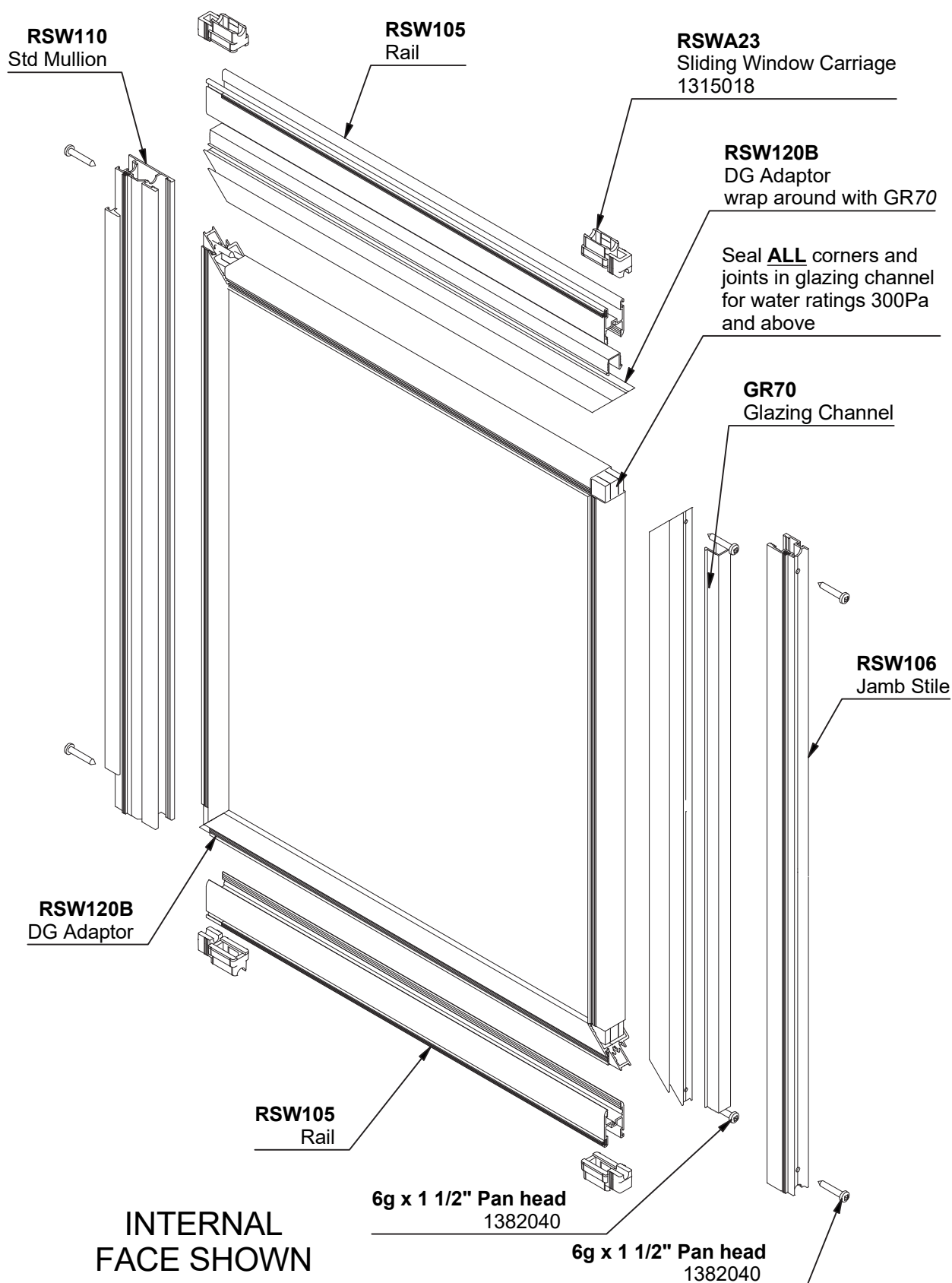
11. Assembly Details

Sliding Sash Assembly Details



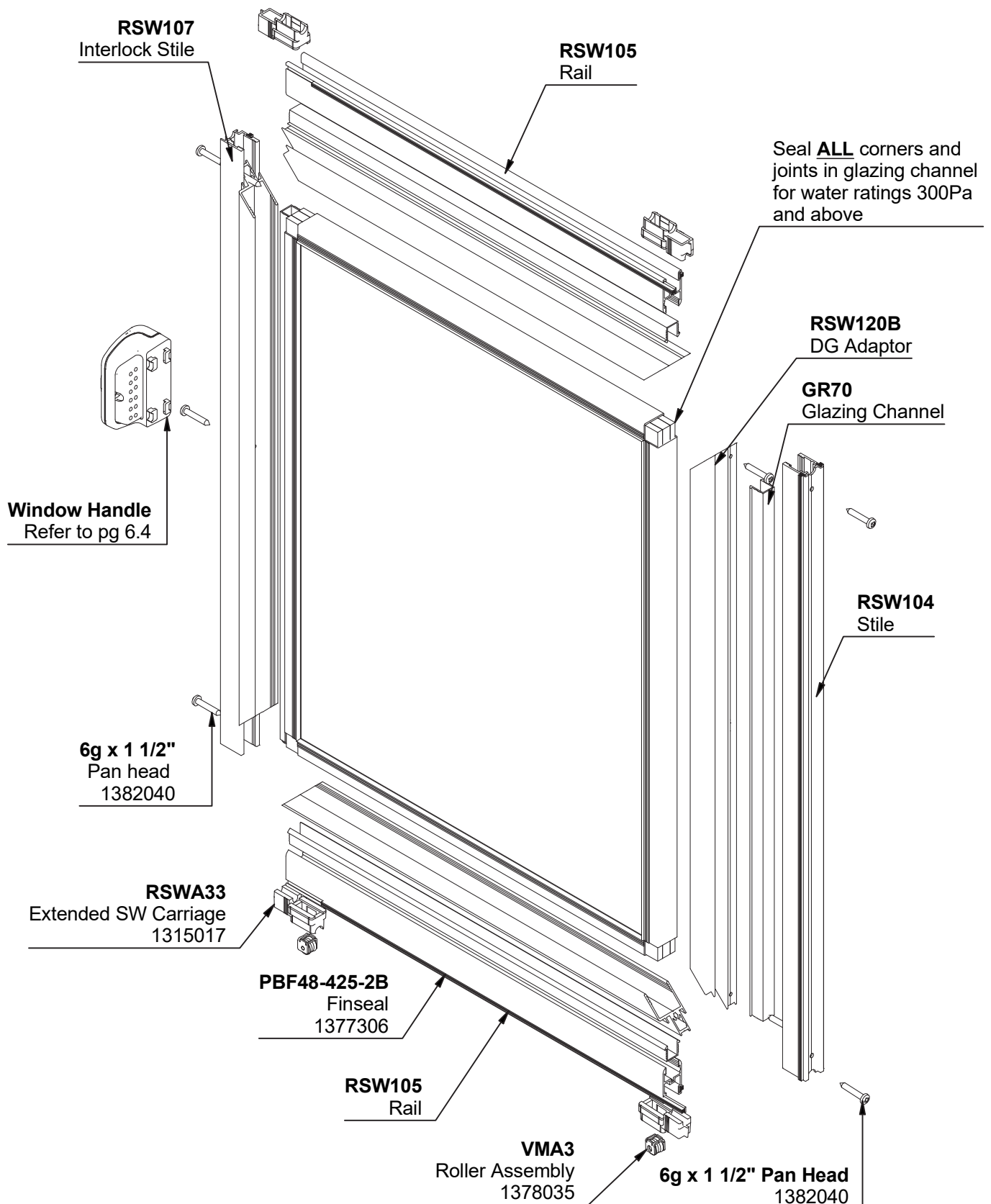
11. Assembly Details

Double Glazed Fixed Sash Details



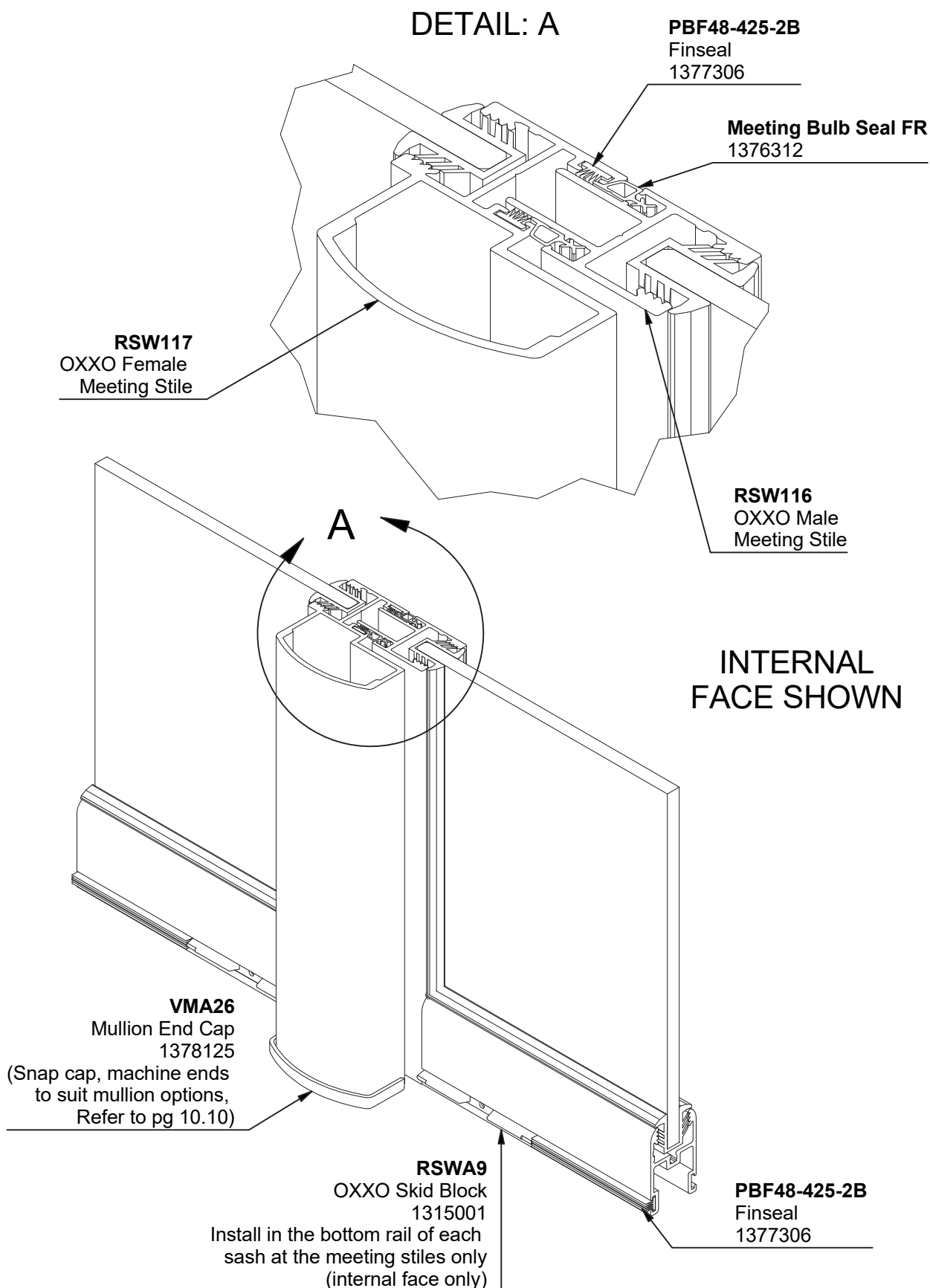
11. Assembly Details

Double Glazed Sliding Sash Details



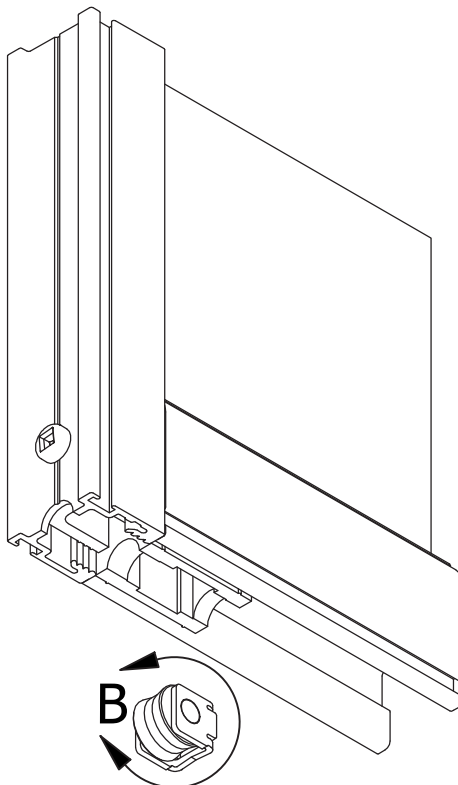
11. Assembly Details

OXXO Meeting Stile Assembly



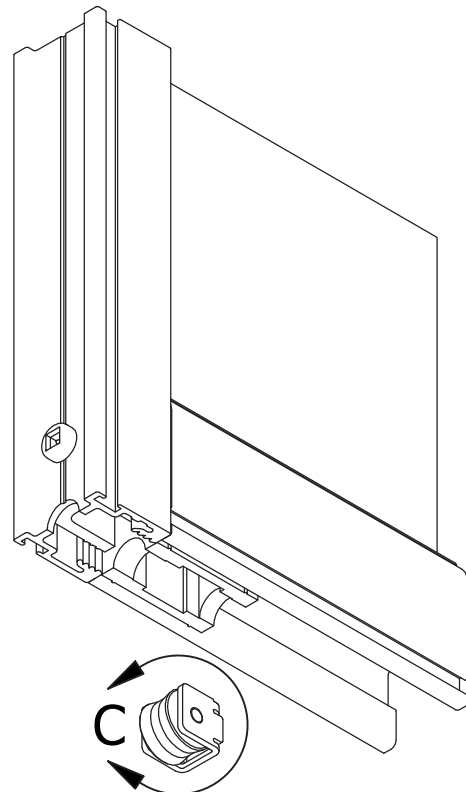
11. Assembly Details

Wheel Adjustment - VMA3 Roller



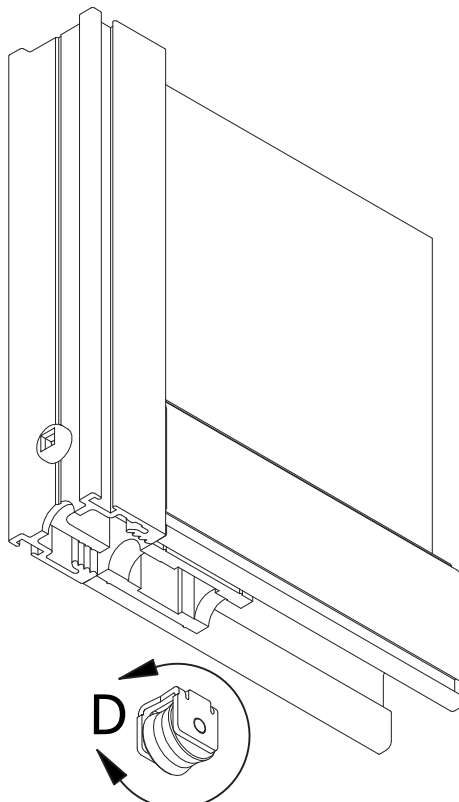
**Wheel set at lowest position
(0.5mm clearance)**

Note: Wheel carriage frame opening must face away from centre of glass to allow wheel to rotate.



**Wheel set at mid position
(1.5mm clearance)**

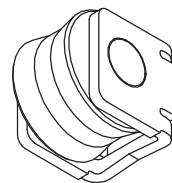
Note: Wheel carriage frame opening must face away from centre of glass to allow wheel to rotate.



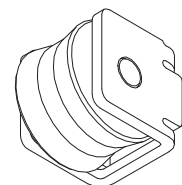
**Wheel set at highest position
(2.5mm clearance)**

Note: Wheel carriage frame opening faces down.

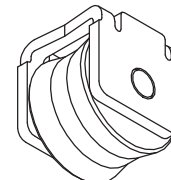
DETAIL: B



DETAIL: C

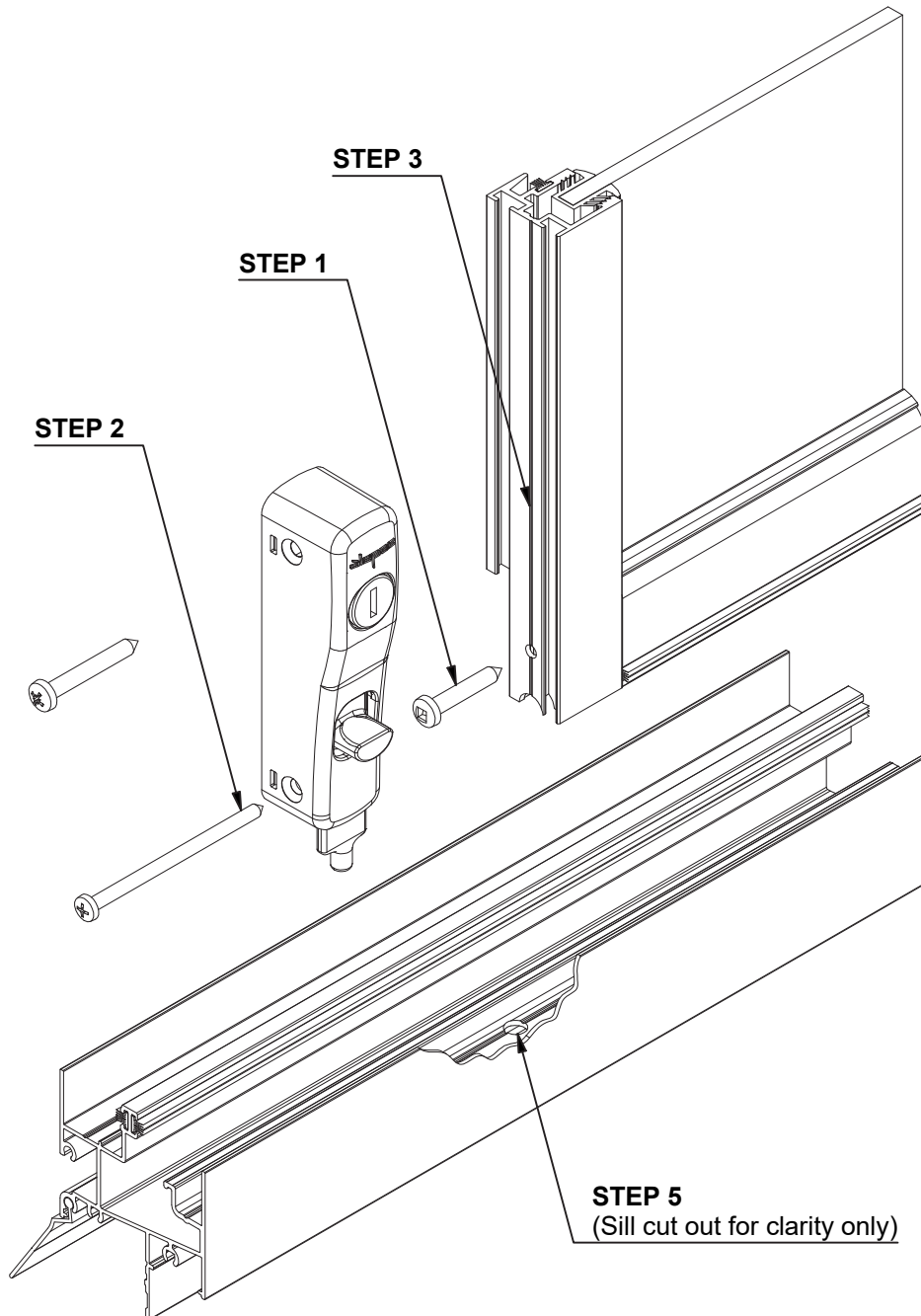


DETAIL: D



11. Assembly Details

VMA2 or VMA29 Vent Lock Assembly Details



Step 1: Remove bottom screw from sliding sash.

Step 2: Mount ventlock to sash stile with the 6g x 60mm screw supplied using the existing hole, do not over tighten.

Step 3: Position the ventlock and pre drill a 2.8mm hole into the stile (take care not to penetrate too far and damage the glass)

Step 4: Fix ventlock with the 6g x 32mm screw supplied, do not over tighten.

Step 5: Drill a Ø6 hole 102.3mm from edge of stile (closed position) in the sill track, using the vee groove for alignment.

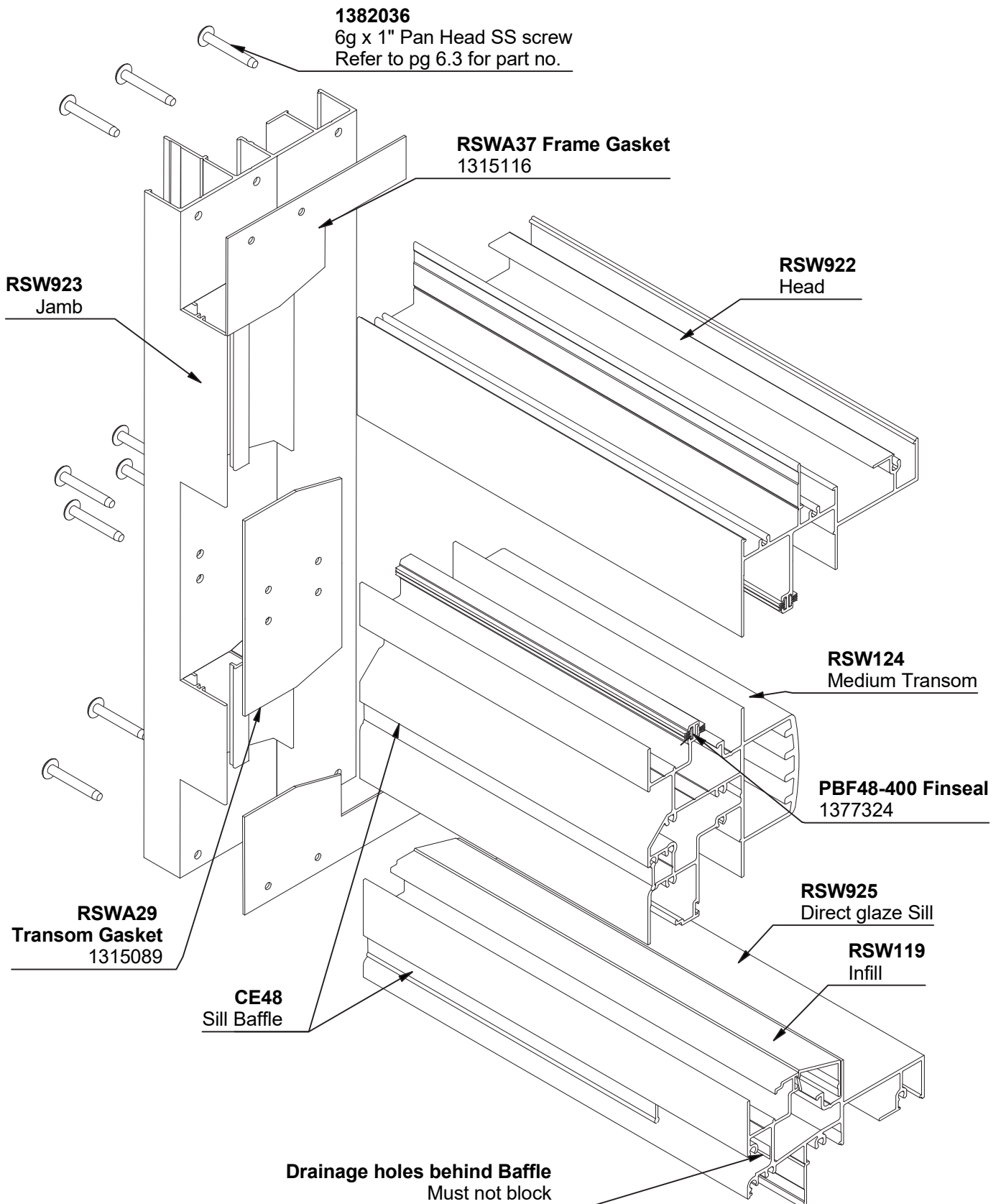
Note: Max allowable sash opening is 125mm.

Ensure anti lift block is fitted in the head at least 150mm from the jamb and directly above the back sliding sash in the ventlock position.

Refer to report POW13-013 for additional reference to ventlock location.

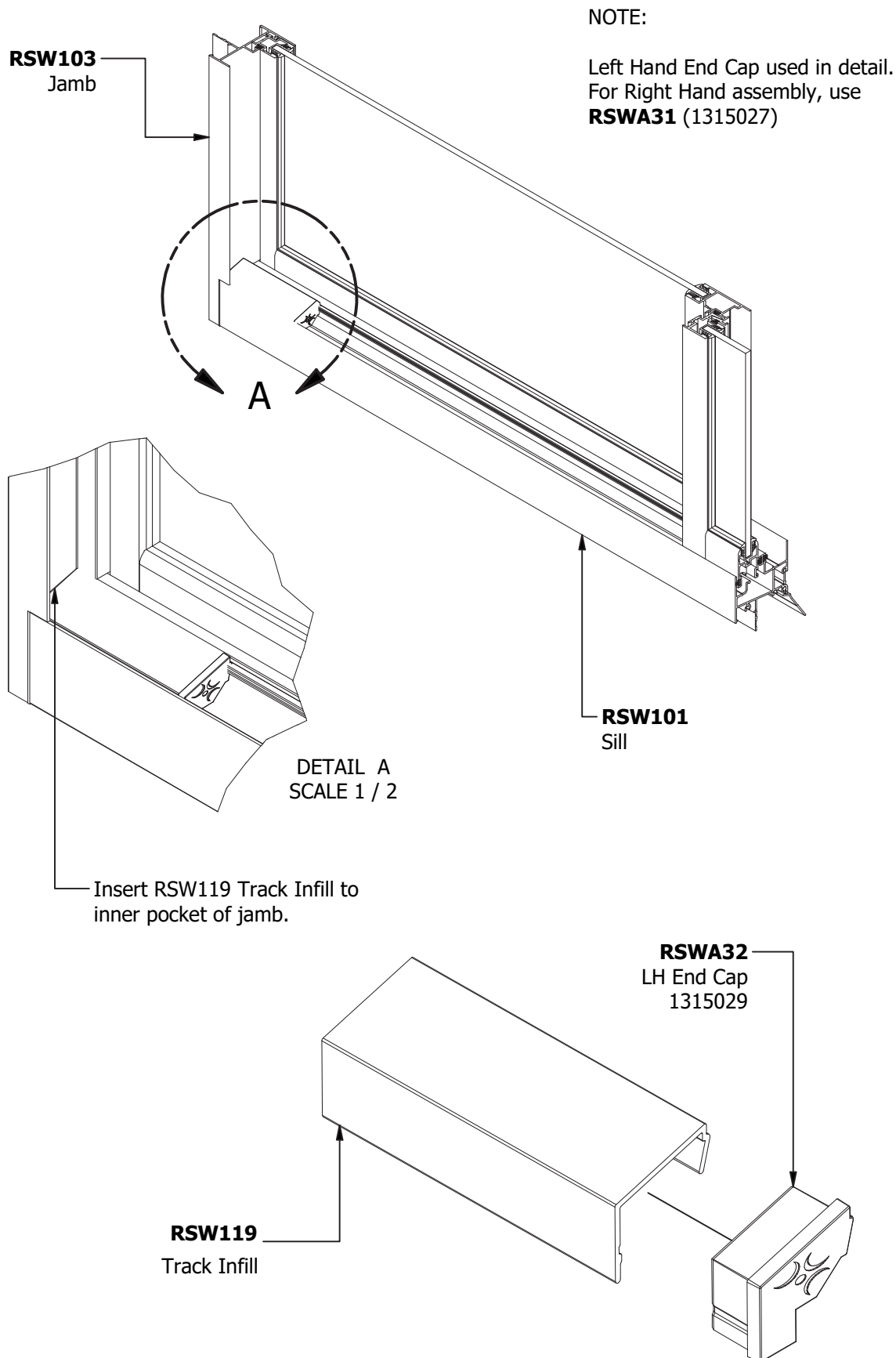
11. Assembly Details

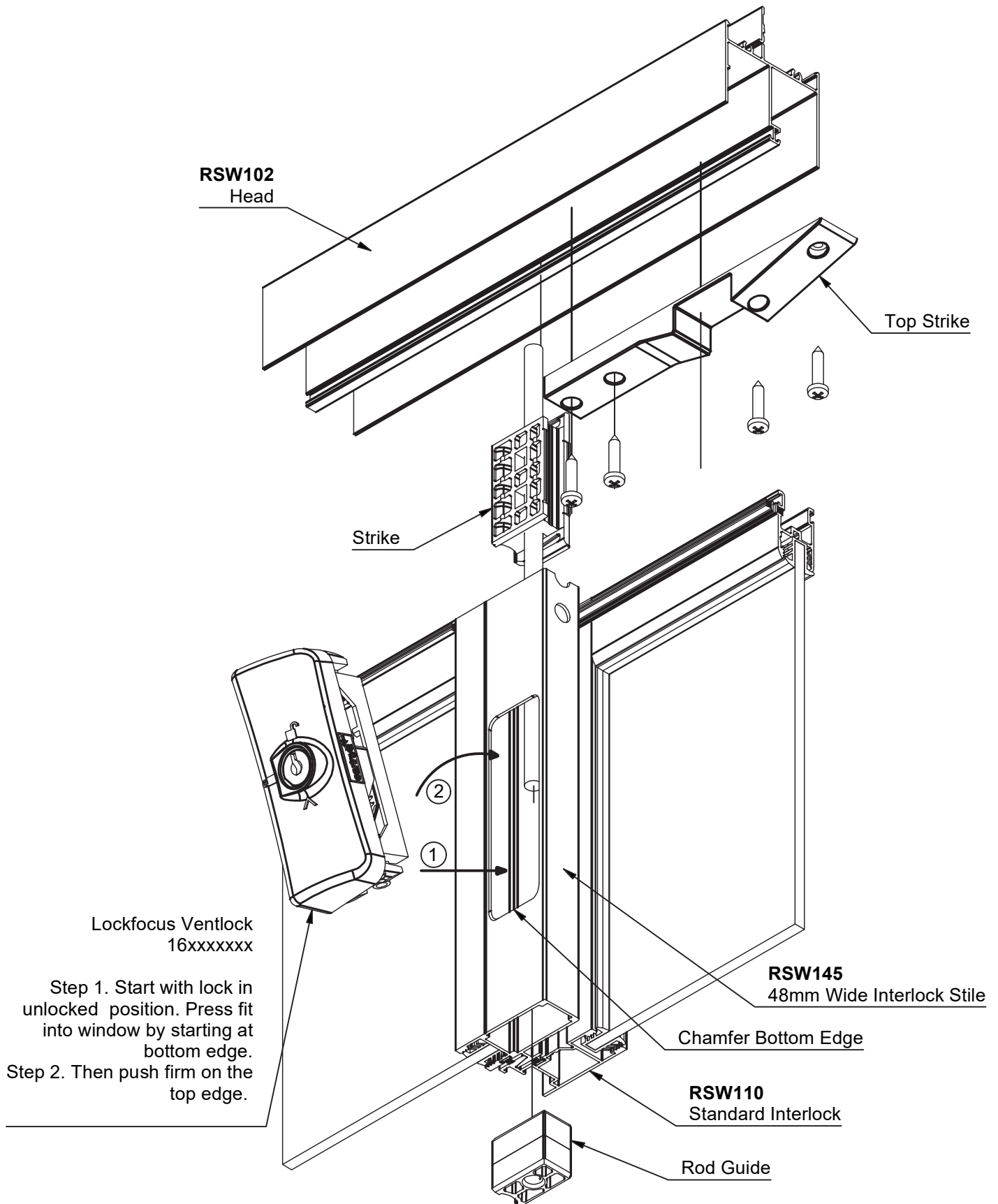
92mm Frame Sill, Transom and Head Assembly Details



11. Assembly Details

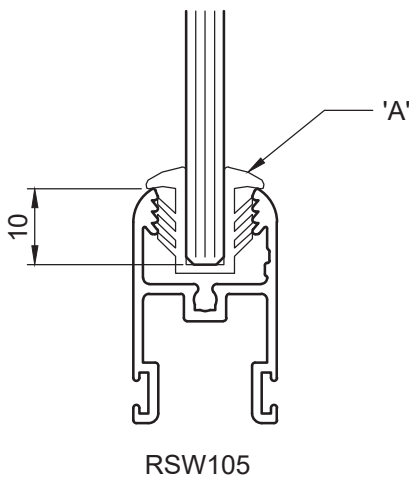
RSWA31 & RSWA32 End Cap Detail





12. Glazing Details

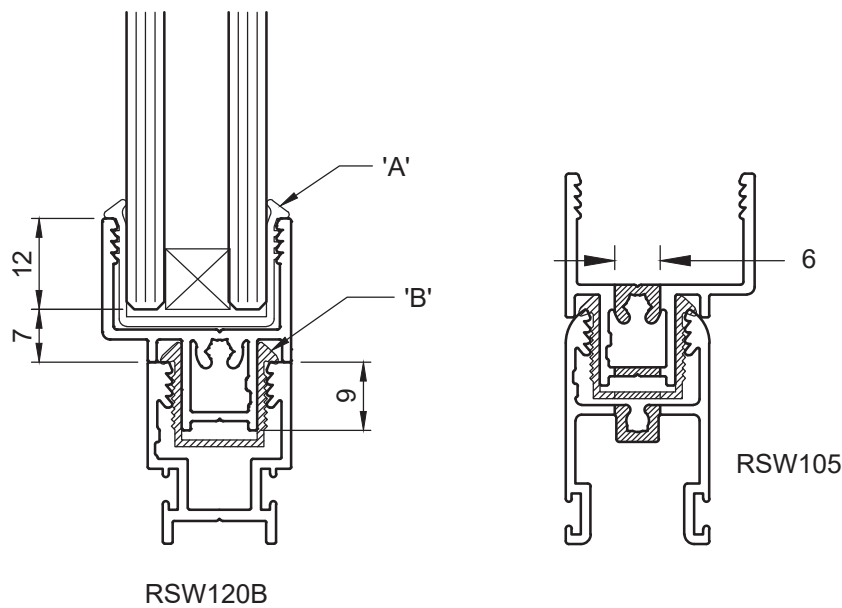
Glazing Details - Single Glazed Sash



	'A' GLAZING CHANNEL	
GLASS THICKNESS	REF.	CODE
4mm	GR59	1376028
5mm	GR60	1376033
6 - 6.38mm	GR61	1376044
8 - 8.38mm	GR62	1376029
10 - 10.38mm	GR63	1376035

12. Glazing Details

Glazing Details - Double Glazed Sash

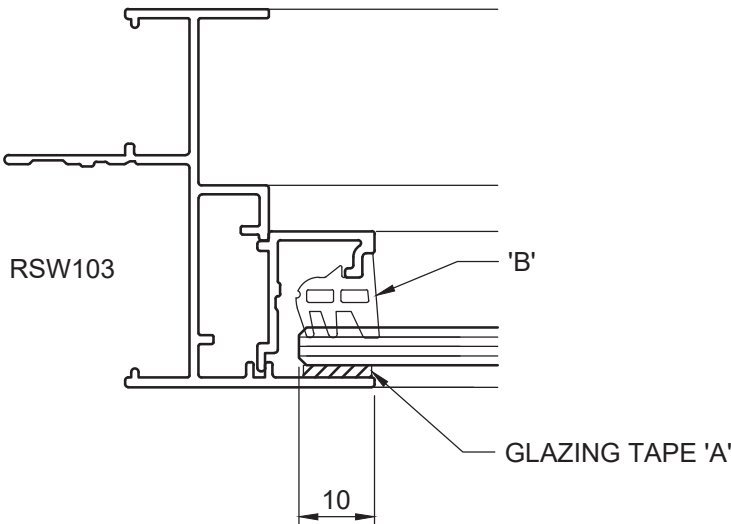


DRAINAGE HOLE REQUIRED IN
BOTTOM RAIL, GLAZING CHANNEL
& ADAPTOR EVERY 450mm CTRS

	'A' GLAZING CHANNEL		'B' GLAZING CHANNEL	
GLASS THICKNESS	REF.	CODE	REF.	CODE
12.38mm	GR64	1313088	GR70	1376143
17.5mm	GR71	1376144		
18mm	GR52	1376094		
18.5mm	GR69	1376141		

12. Glazing Details

Glazing Details - Single Glazed Fixed Lite



GLASS THICKNESS	'A' GLAZING TAPE		'B' GLAZING WEDGE	
	REF.	CODE	REF.	CODE
4mm	1.6 x 9mm	1385513	GR48	1313060
5mm	1.6 x 9mm	1385513	GR47	1313059
6mm	1.6 x 9mm	1385513	GR46	1313058
6.38mm	1.6 x 9mm	1385513	GR46	1313058
8mm	1.6 x 9mm	1385513	GR44	1313056
8.38mm	1.6 x 9mm	1385513	GR44	1313056
10mm	1.6 x 9mm	1385513	GR2B	1376011
10.38mm	1.6 x 9mm	1385513	GR2B	1376011

13. Care & Maintenance

FRAMING

Your new **Carinya Classic Sliding Window** 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 **Carinya Classic Sliding Window** frame will retain it's good looks and resist the elements for years to come.

The **Carinya Classic Sliding Window** 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 **Carinya Classic Sliding Window** 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 **Carinya Classic Sliding Window** 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.

HEAD OFFICE | 3 Alspec Place, Eastern Creek NSW 2766
Phone: 02 9834 9500 | Fax: 02 9834 9532 | info@alspec.com.au

ALSPEC SHOWROOMS

AluSpace by Alspec - Sydney | 110 New South Head Road, Edgecliff NSW 2027
Phone: 1300 ALUSPACE (1300 258 772) | design@alspec.com.au

AluSpace by Alspec - Adelaide | 1 Pope Court, Beverley SA 5009
Phone: 08 8150 6960 | adelaidealospace@alspec.com.au

Brisbane Design Centre | 66 Merivale Street, South Brisbane QLD 4101
Phone: 07 3089 4900 | brisbane@alspec.com.au

MELBOURNE BRANCH
26–40 Pound Road West
Dandenong South VIC 3175
Phone: 03 8787 6333
Fax: 03 8787 6399
melbourne@alspec.com.au

ADELAIDE BRANCH
1 Pope Court
Beverley SA 5009
Phone: 08 8150 6960
Fax: 08 8150 6999
adelaide@alspec.com.au

PERTH BRANCH
30 Holder Way
Malaga WA 6090
Phone: 08 9209 9100
Fax: 08 9209 9199
perth@alspec.com.au

BRISBANE BRANCH
8–22 Jutland Street
Loganlea QLD 4131
Phone: 07 3089 4900
Fax: 07 3089 4999
brisbane@alspec.com.au

NEWCASTLE BRANCH
95 Griffiths Road
Lambton NSW 2299
Phone: 02 4952 9111
Fax: 02 4952 9728
newcastle@alspec.com.au

CAIRNS BRANCH
34–38 Hargreaves Street
Edmonton QLD 4869
Phone: 07 4037 6666
Fax: 07 4037 6699
cairns@alspec.com.au

CANBERRA BRANCH
28 Sheppard Street
Hume ACT 2620
Phone: 02 5134 3300
canberra@alspec.com.au

DARWIN BRANCH
25 Bishop Street
Woolner NT 0820
Phone: 08 8941 7300
darwin@alspec.com.au

SUNSHINE COAST BRANCH
4-8 Empire Crescent
Chevallum QLD 4555
Phone: 07 5437 6123
Fax: 07 5437 6124
chevallum@alspec.com.au

BRENDALE BRANCH
24 Doherty Street
Brendale QLD 4500
Phone: 07 3205 9911
Fax: 07 3205 9915
brendale@alspec.com.au

TOWNSVILLE BRANCH
21 Carroll Street
Mount Louisa QLD 4814
Phone: 07 3089 4965
Fax: 1300 131 747
townsville@alspec.com.au

BUNDABERG BRANCH
17 Production Street
Svensson Heights QLD 4670
Phone: 07 4111 2000
Fax: 07 4111 2099
bundaberg@alspec.com.au

All pictures shown in this catalogue are for illustration purposes only. Actual product may vary due to product enhancement.