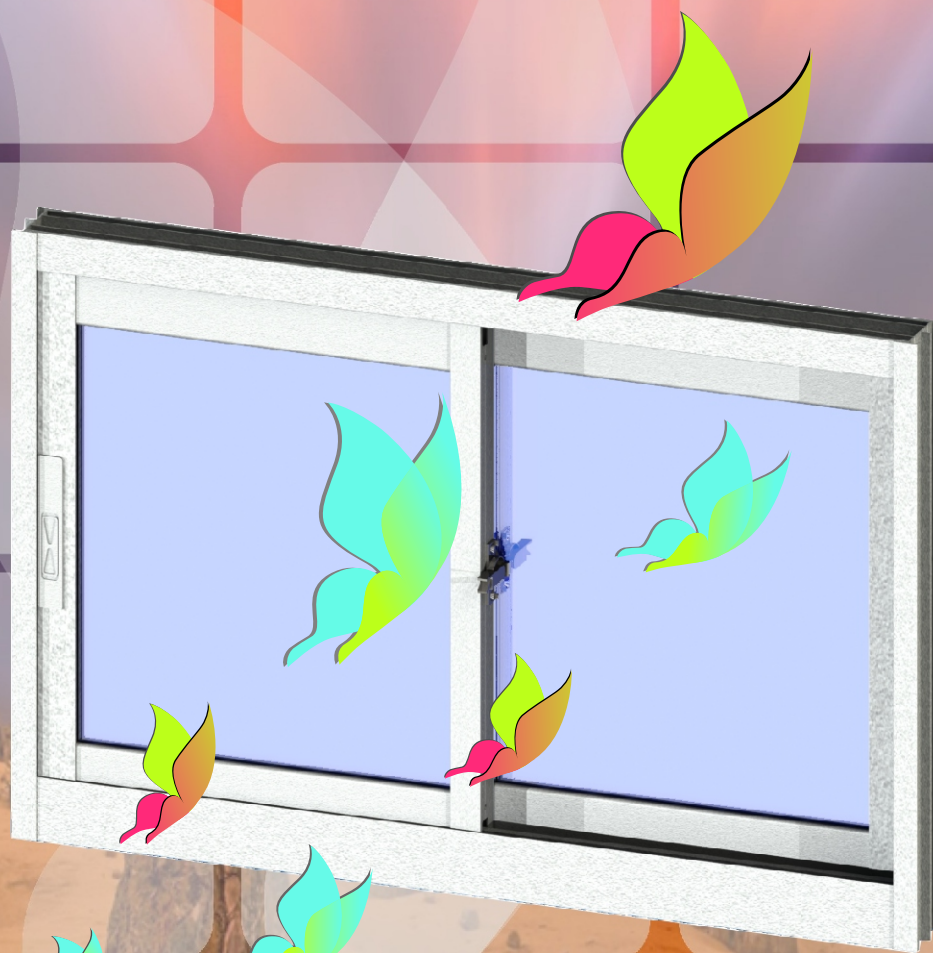


PRODUCT MANUAL
March 2018



ELITE™
SLIDING WINDOW

General Documentation Disclaimer

This manual is intended as a manufacturing and installation advisory document. For correct specifications, sizing of profiles and structural information please consult the StarFront Application. If the information you require is not available through the StarFront Application, please contact your stockist before proceeding. It is advisable to have all sizing and performance criteria checked by a qualified structural engineer to ensure that the required criteria will be met.

All information, recommendations or advice contained in this documentation is given in good faith to the best of Wispeco's knowledge and is based on current procedures in effect.

Since the actual use of this documentation by the user is beyond the control of Wispeco, such use is within the exclusive responsibility of the user. Wispeco cannot be held responsible for any loss incurred through incorrect or faulty use of this documentation. Training of Wispeco systems is important for ensuring correct procedures in the manufacturing of products.

Great care has been taken to ensure that the information provided is correct.

Ensure that you have the latest available manual. The revision number and date can be checked on the latest StarFront version.

Wispeco will accept no responsibility for any errors and/or omissions, which may have inadvertently occurred.

Specifications concerning products and applications

This manual is based on standard configurations only. As there are many configurations not covered in this manual, contact your stockist with regards to a configuration not represented herein if required.

AutoDesk drawings (CAD Symbol Library) are available on request and can be issued with the consent of the Wispeco Technical Department.

All mechanical joints must be sealed with a **Crealco approved joint sealer**. Failure to correctly seal the joints can affect the performance of the system. Information on joint sealing can be found in the Cleaning & Maintenance Manual available for download from the Wispeco website or from StarFront.

All drawings in the Wispeco Documentation are NOT to scale and are used for illustrative purposes only.

Wispeco will not accept responsibility for the use of standard products since Wispeco does not know where these products are being installed.

The hardware recommended in this documentation is suitable for use in most atmospheric environments. When hardware is used in severe coastal environments the manufacturer of the hardware must be consulted.

For the coastal regions and any other high corrosion areas, the following is advised: to minimize phylliform corrosion use SurTec650 RTU spray during the manufacturing of aluminium profile systems. This should be applied, before assembly, on all pre-work aluminium where the powder coating covering has been removed thereby exposing the raw aluminium base.

The use of non-specified hardware or incorrect mechanical fasteners can adversely affect the mechanical and weathering performance of the system and we strongly advise against deviations. A Wispeco Consultant can advise you of any hardware issues and limitations with regard to this system.

The use of anti-magnetic stainless steel screws and aluminium pop rivets is recommended to reduce galvanic corrosion in harsh environments.

Fixing lugs on frames must be positioned as per the user manual and used in accordance to the AAMSA specifications. When profiles are screwed together the screw centres must also be according to the user manual or as specified by an engineer.

All glass used within Wispeco products must comply with SAGGA regulations. Laminated glass must not stand in water.

By continuing to use this documentation you acknowledge that you understand and accept the legal disclaimer.

This manual must be read in conjunction with the Installation, Cleaning & Maintenance Document and the Performance Certificates for the relevant system. The manual must also be used in conjunction with the design and cutting list from the latest version of StarFront.

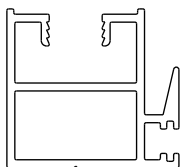
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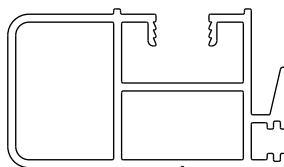
Profile Identification

Elite Window Profiles



DIE No. W55168

Elite Interlocker



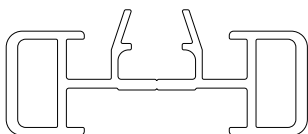
DIE No. W55167

Elite Heavy Duty
Interlocker



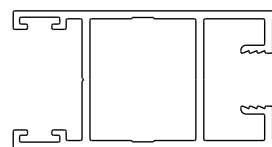
DIE No. W31082

Elite Sash
Top&Bottom



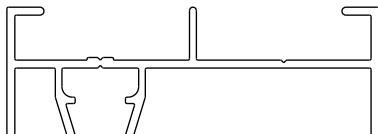
DIE No. W57553

Elite Meeting
Stile



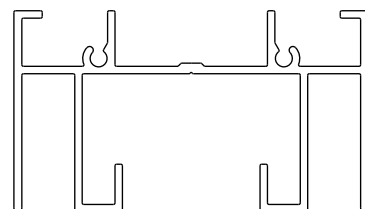
DIE No. W55166

Elite Lock Stile



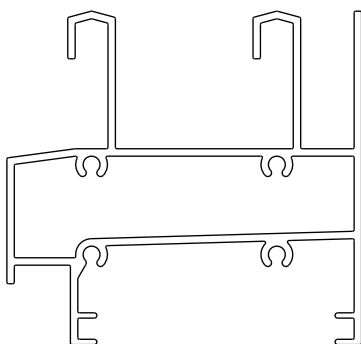
DIE No. W31080

Elite Frame Jamb



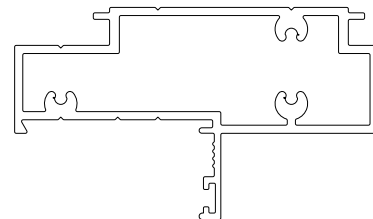
DIE No. W31079

Elite Frame Head



DIE No. W55169

Elite Frame Sill



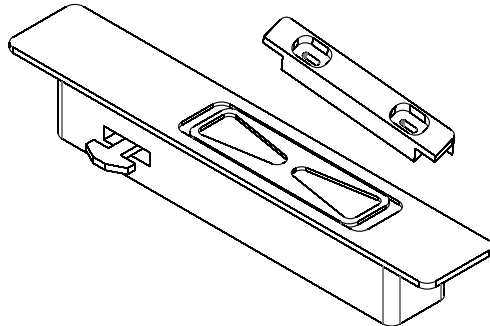
DIE No. W57363

Elite Sub Light

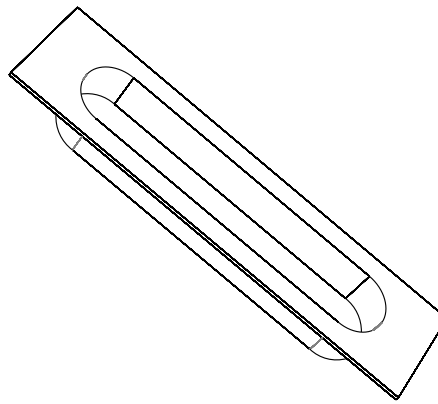
Hardware Components

RECOMMENDED ELITE SLIDING WINDOW COMPONENTS

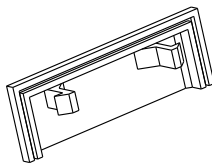
All hardware is available through our Stockists as well as through Crealco Components, and can be viewed on www.crealco-components.com



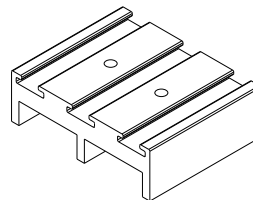
HFP-HWK-NAT
HFP-HWK-WHT
HFP-HWK-BLK
Handle



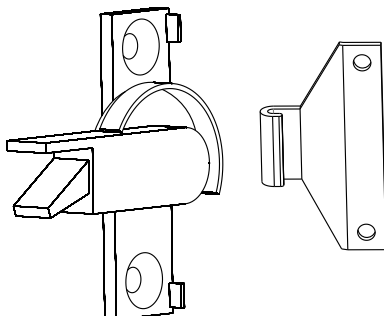
HPL-MFP-BLK
HPL-MFP-WHT
Mini Flush Pull Handle



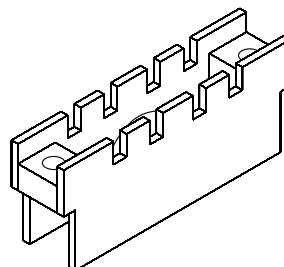
PEX-WDC
Drainage Cover



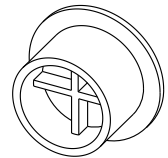
SGD-AL
Draught Excluder Anti Lift



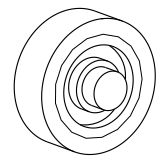
HCC-CC
Cam Catch



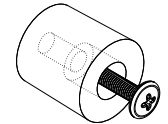
SDW-RH
Roller Housing



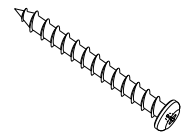
PEX-NRV
Non-Return Valve



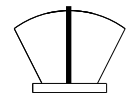
SDW-ROLL
Roller Only



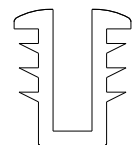
SGD-VST + FSP-0820P-SS
Stopper With Screw



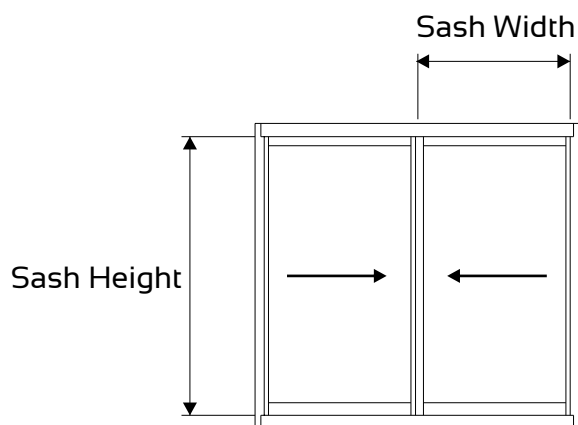
FSP-0830P-SS
P/Head POSI
8x30 S/S Screw



GFP-6790
Finpile



GCH-H33
Channel H33

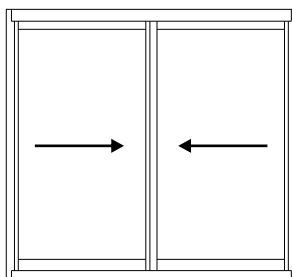


MAXIMUM SASH WIDTH = 1500mm

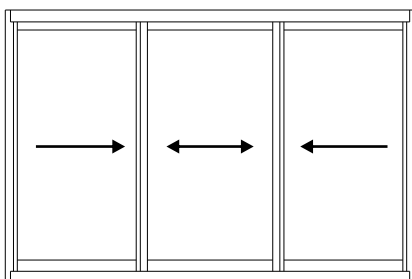
MAXIMUM SASH HEIGHT = 1800mm

(SEE LIMITATION CHARTS)

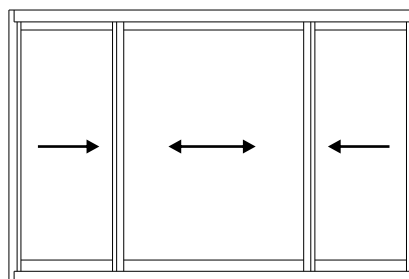
XX CONFIGURATION



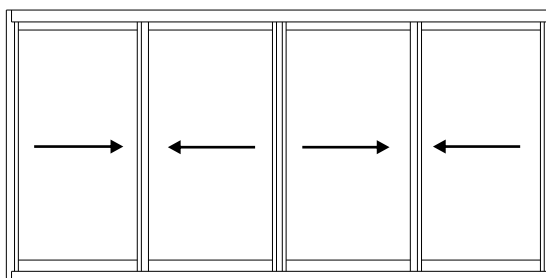
XOX EQUAL PANE CONFIGURATION

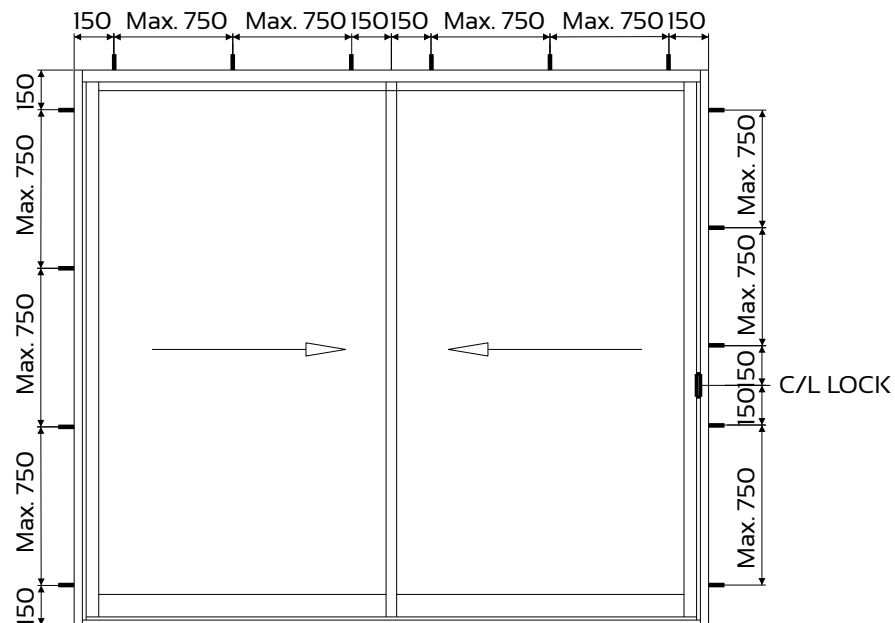


XOX UNEQUAL PANE CONFIGURATION

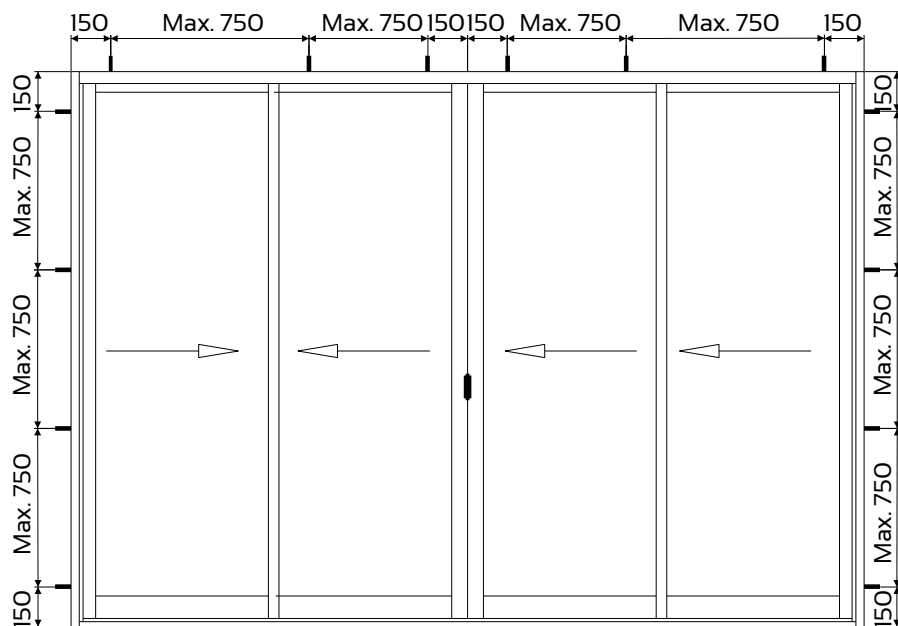


XXXX CONFIGURATION

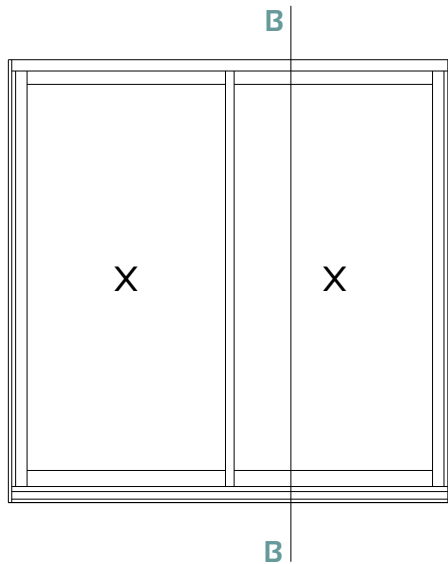




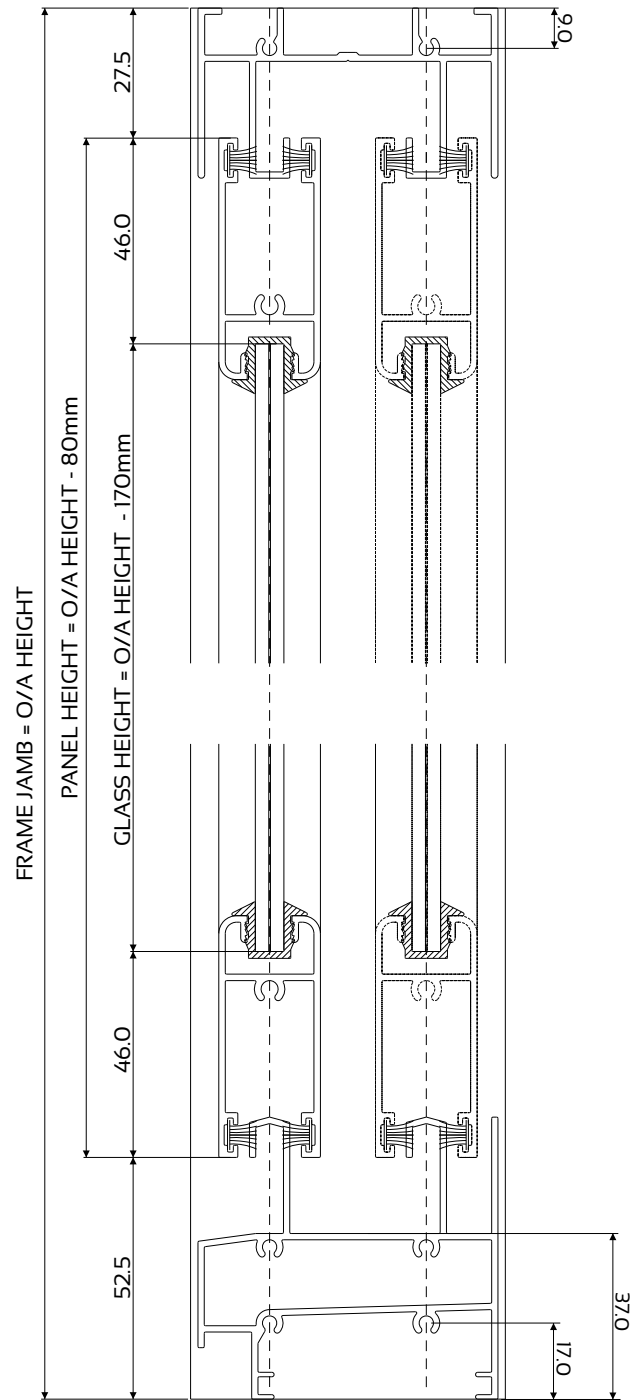
**TYPICAL OX SLIDING DOOR &
HORIZONTAL SLIDING WINDOW**



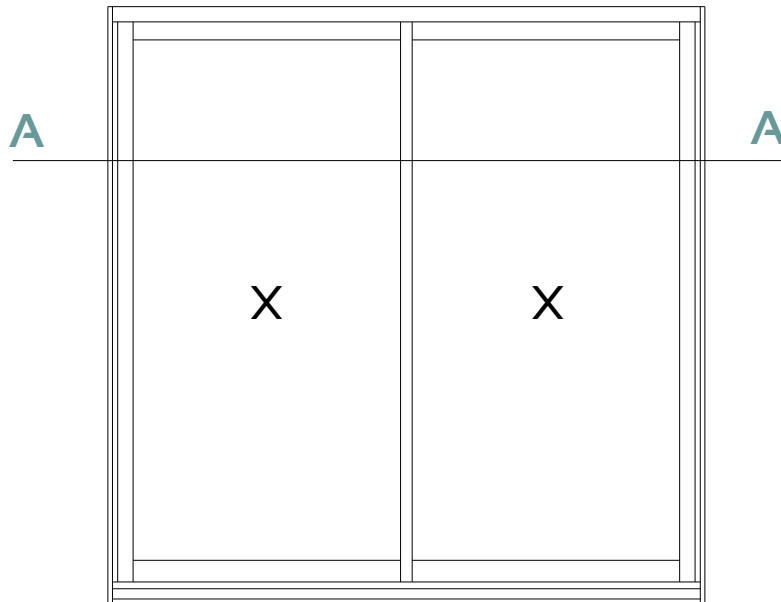
**TYPICAL OXXO SLIDING DOOR &
HORIZONTAL SLIDING WINDOW**



OUTSIDE

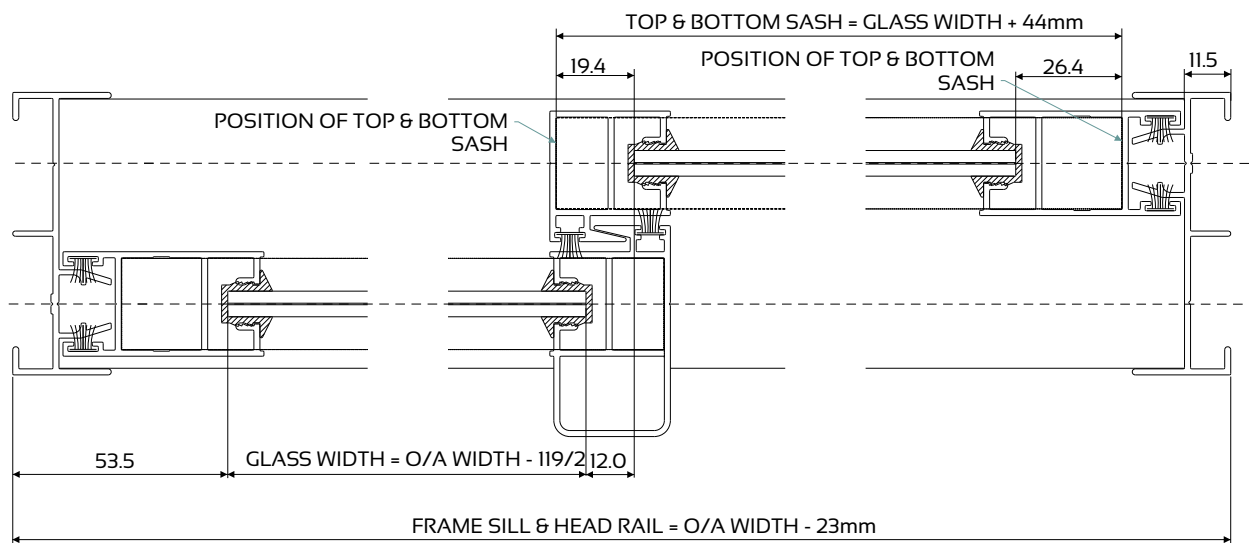


SECTION B-B
Section not to scale

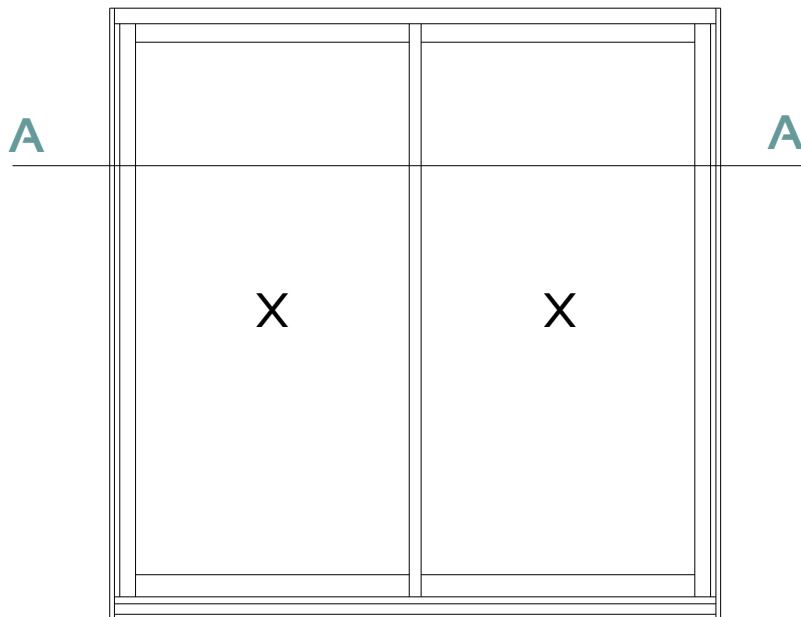


SECTION A-A

Section not to scale

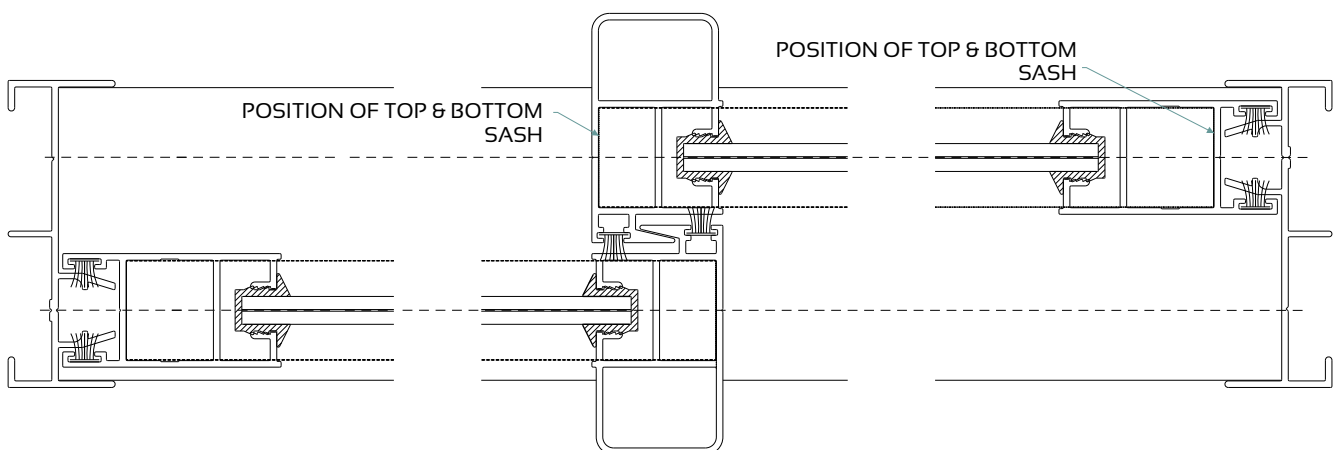


OUTSIDE



SECTION A-A

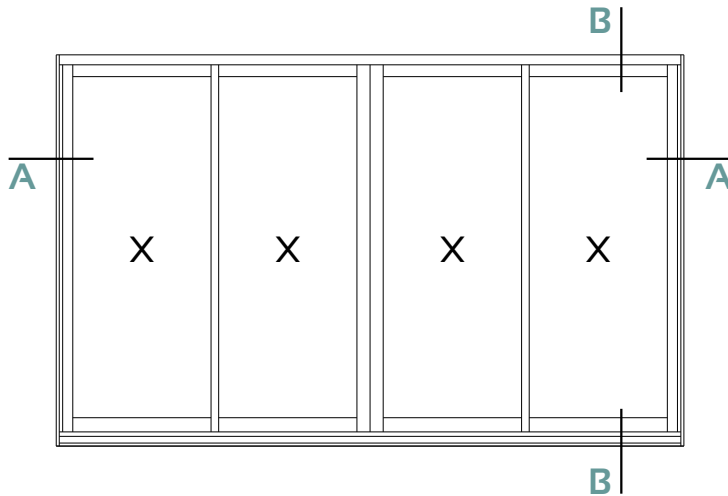
Section not to scale



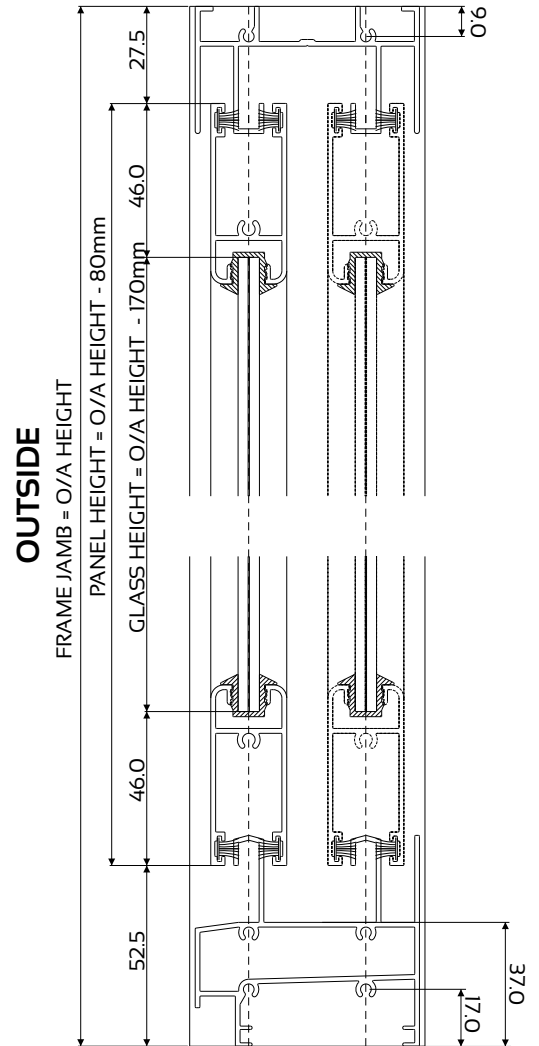
OUTSIDE

Cross-Sectional Detail

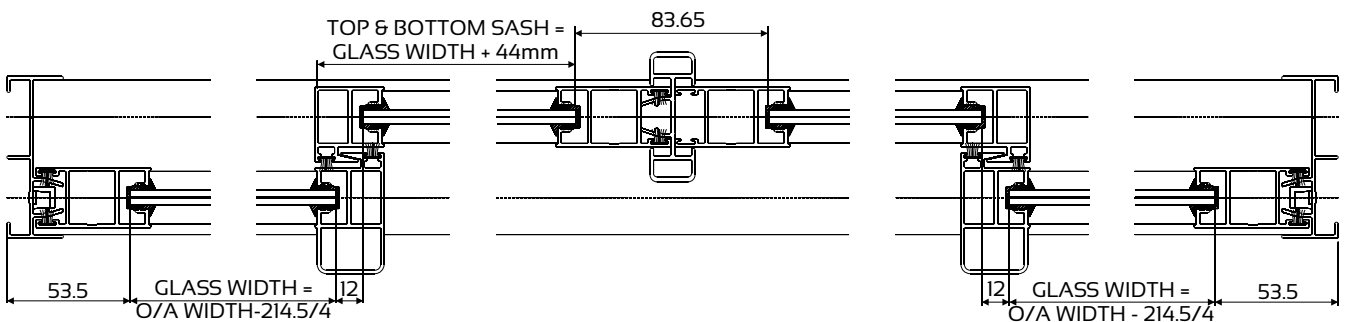
XXXX Configuration



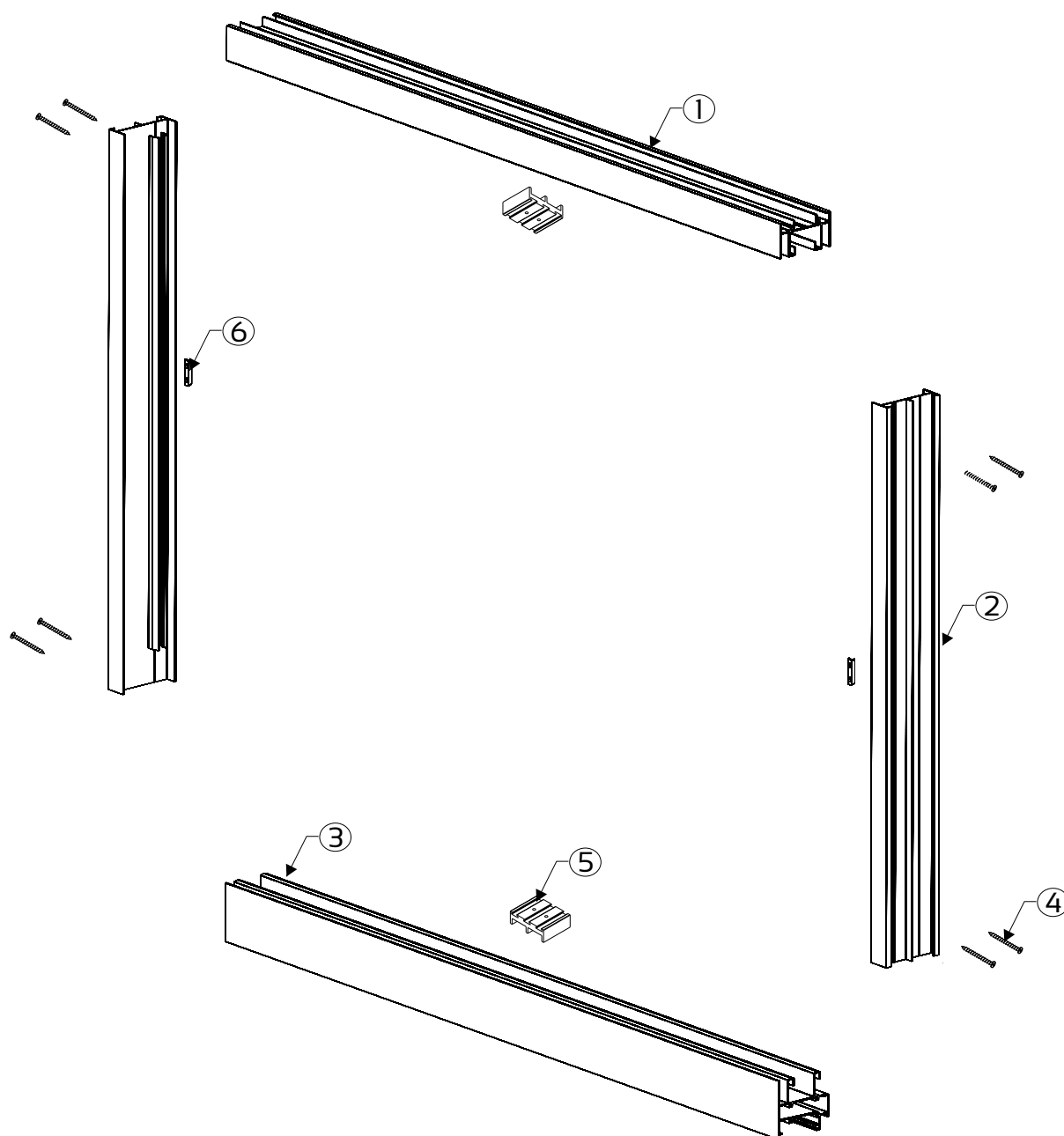
SECTION B-B
Section not to scale



SECTION A-A
Section not to scale



OUTSIDE

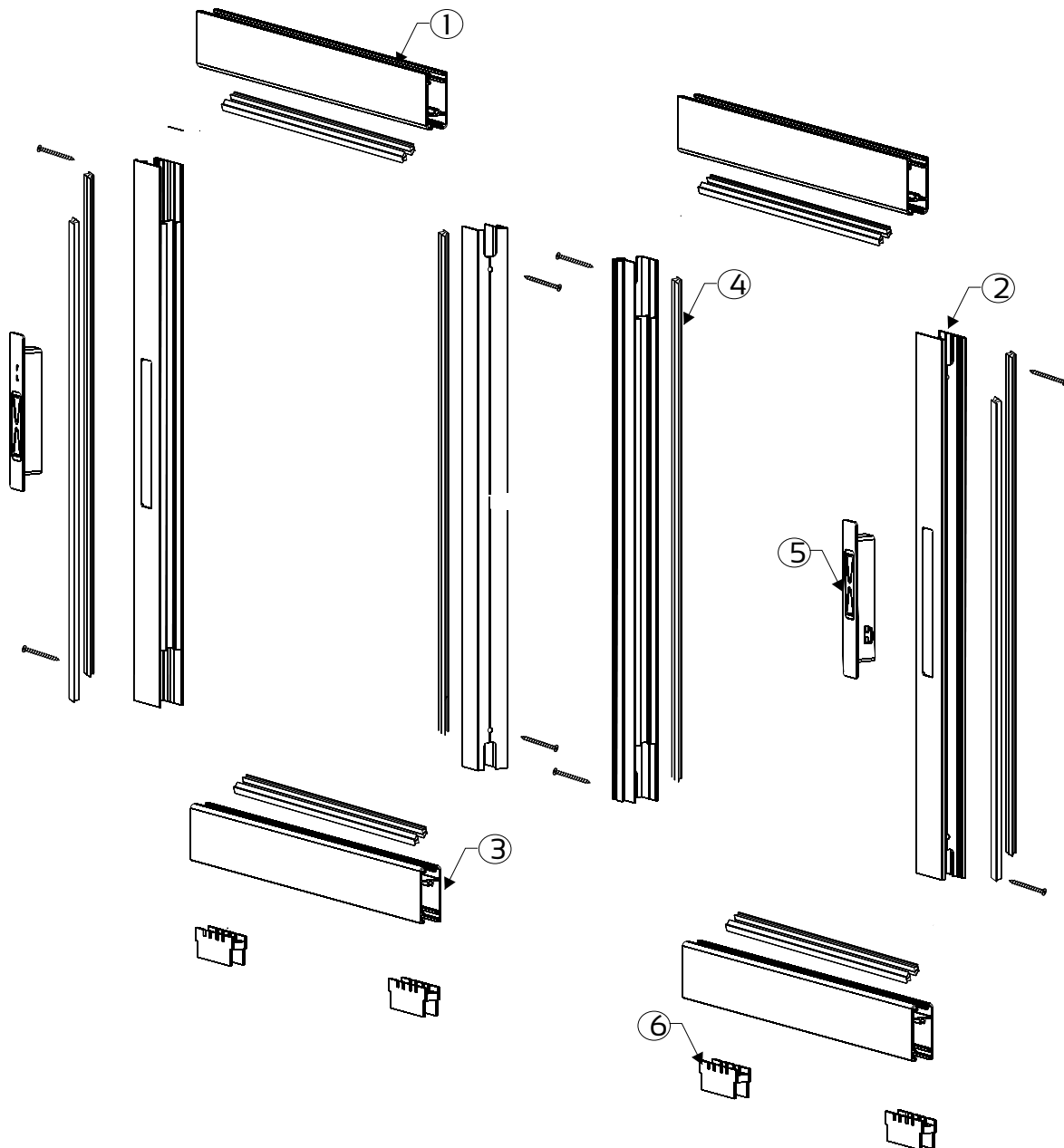


System Profiles

ITEM	QTY	DIE No.	DESCRIPTION
1	1	W31079	Elite Frame Head
2	2	W31080	Elite Frame Jamb
3	1	W55169	Elite Frame Sill

Hardware

ITEM	QTY	COMPONENT DESCRIPTION
4	8	8x30 P/Head POSI S/S Screw
5	2	Draught Excluder
6	2	Handle Catch & Keep

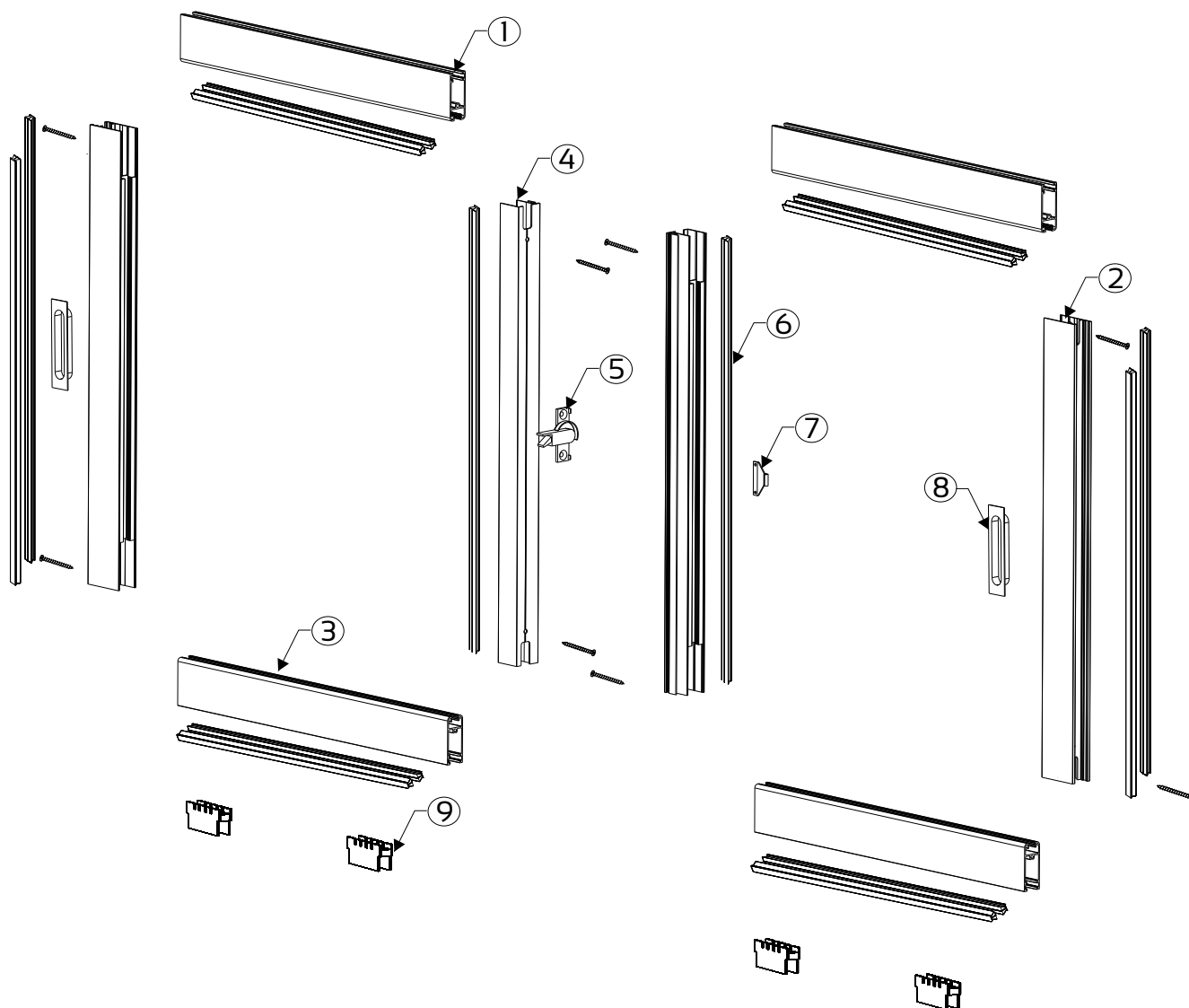


System Profiles

ITEM	QTY	DESCRIPTION
1	2	Elite Sash Frame Head
2	2	Elite Sash Frame Jamb
3	1	Elite Sash Frame Sill

Hardware

ITEM	QTY	COMPONENT DESCRIPTION
4	8	Finpile
5	1	Lock
6	4	Rollers

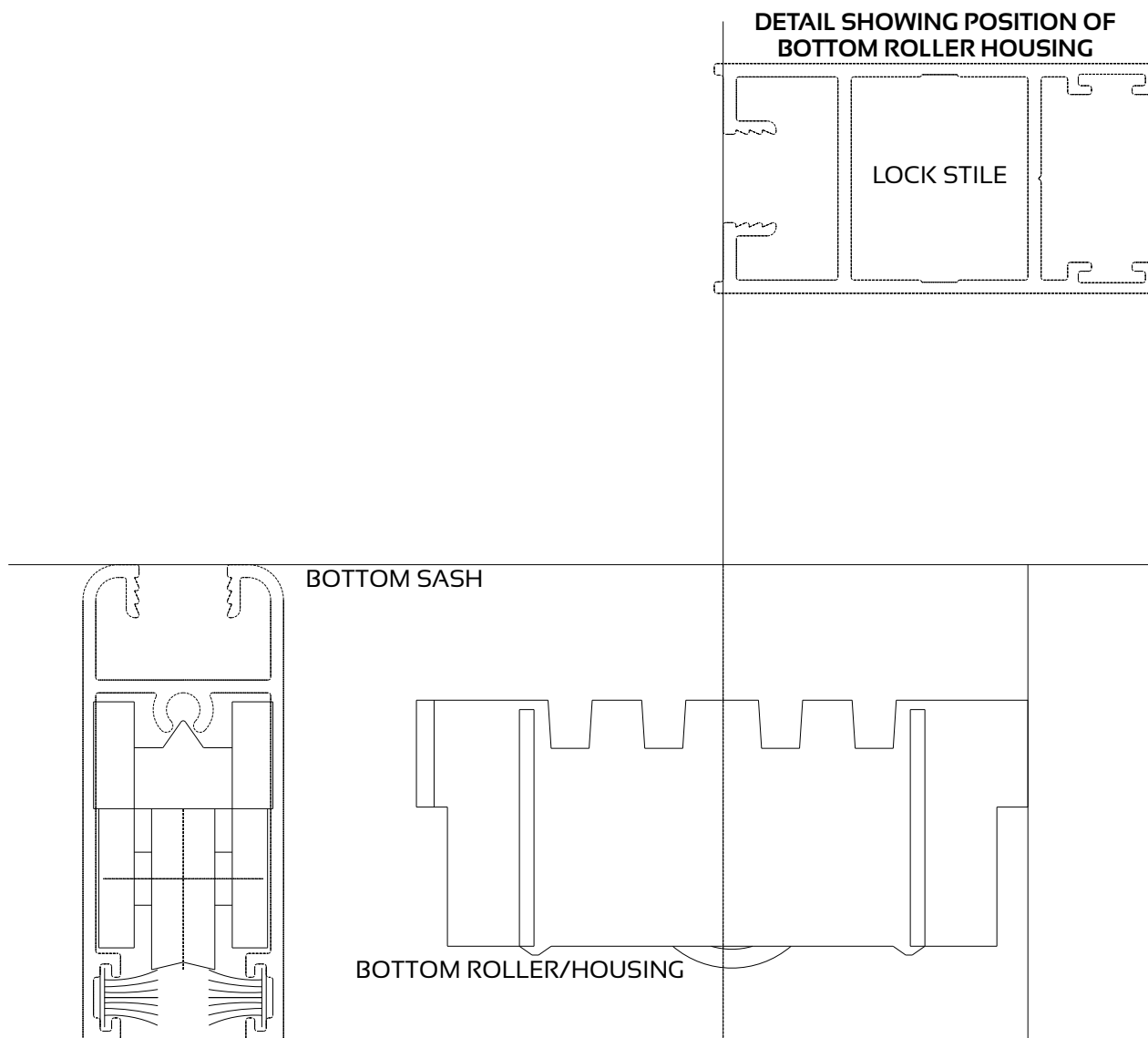


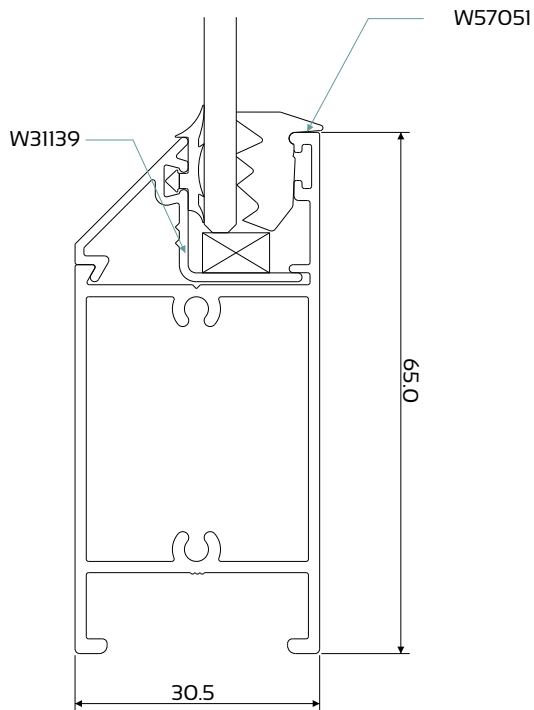
System Profiles

ITEM	QTY	DESCRIPTION
1	2	Elite Sash Frame Head
2	2	Elite Sash Frame Jamb
3	2	Elite Sash Frame Sill
4	2	Elite Sash Interlocker

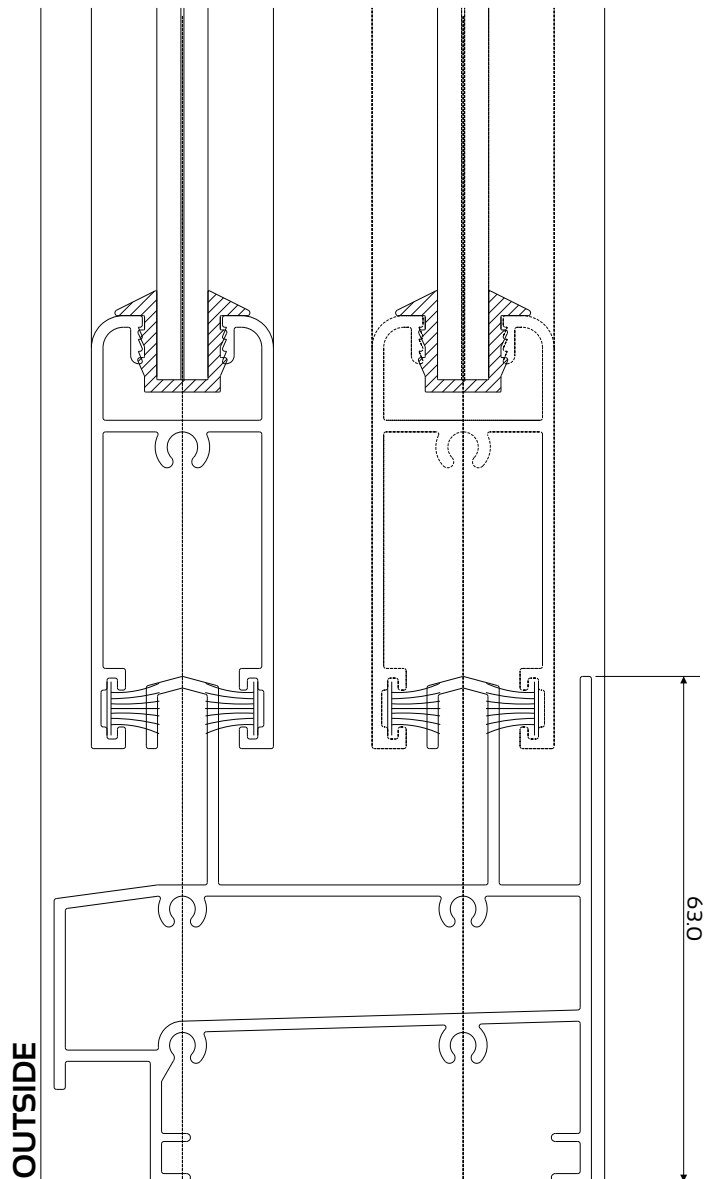
Hardware

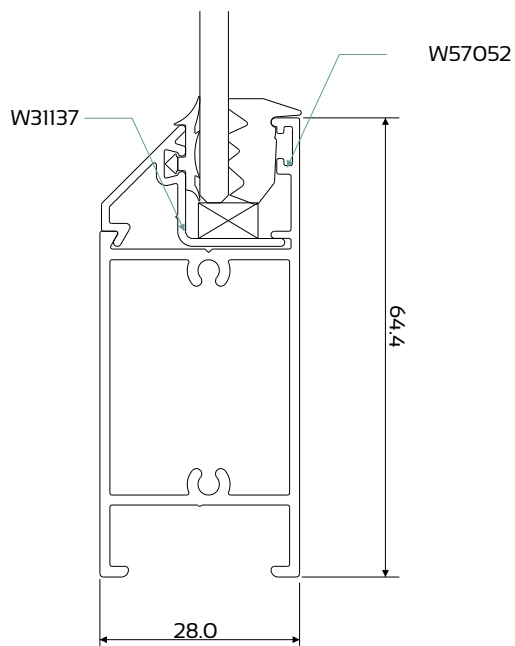
ITEM	QTY	COMPONENT DESCRIPTION
5	1	Catch
6	8	Finpile
7	1	Keep
8	1	Mini Flush Pull Handle
9	4	Rollers



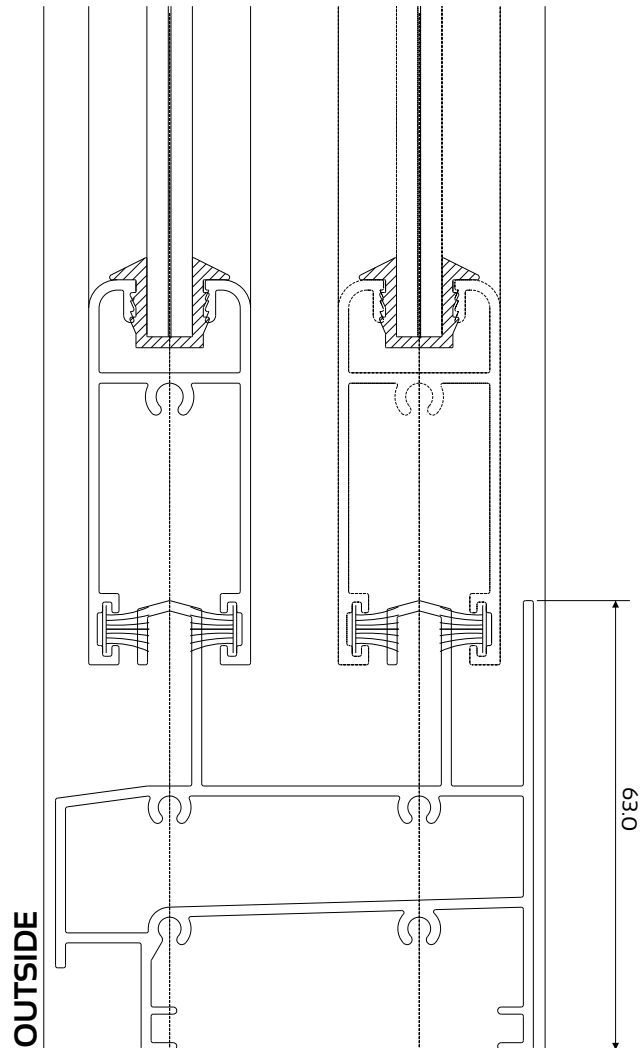


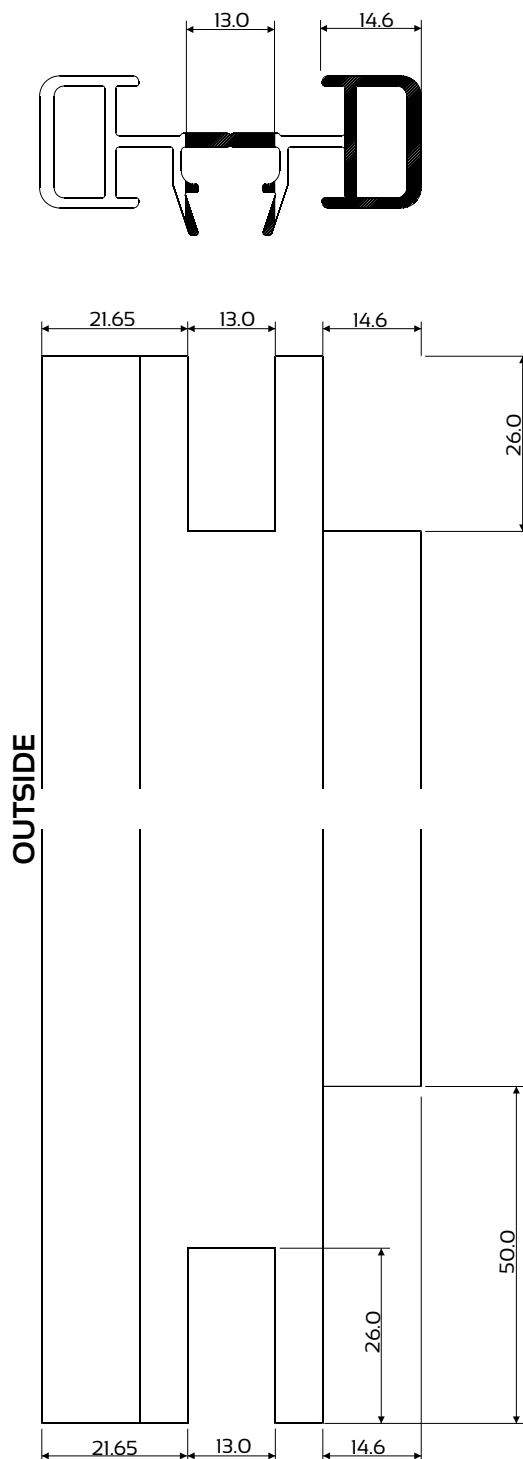
CASEMENT 30.5 SIDELIGHT
BOTTOM RAIL

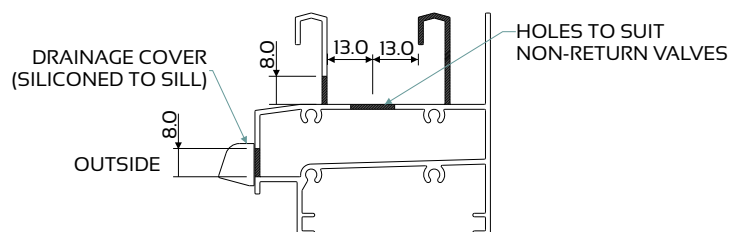
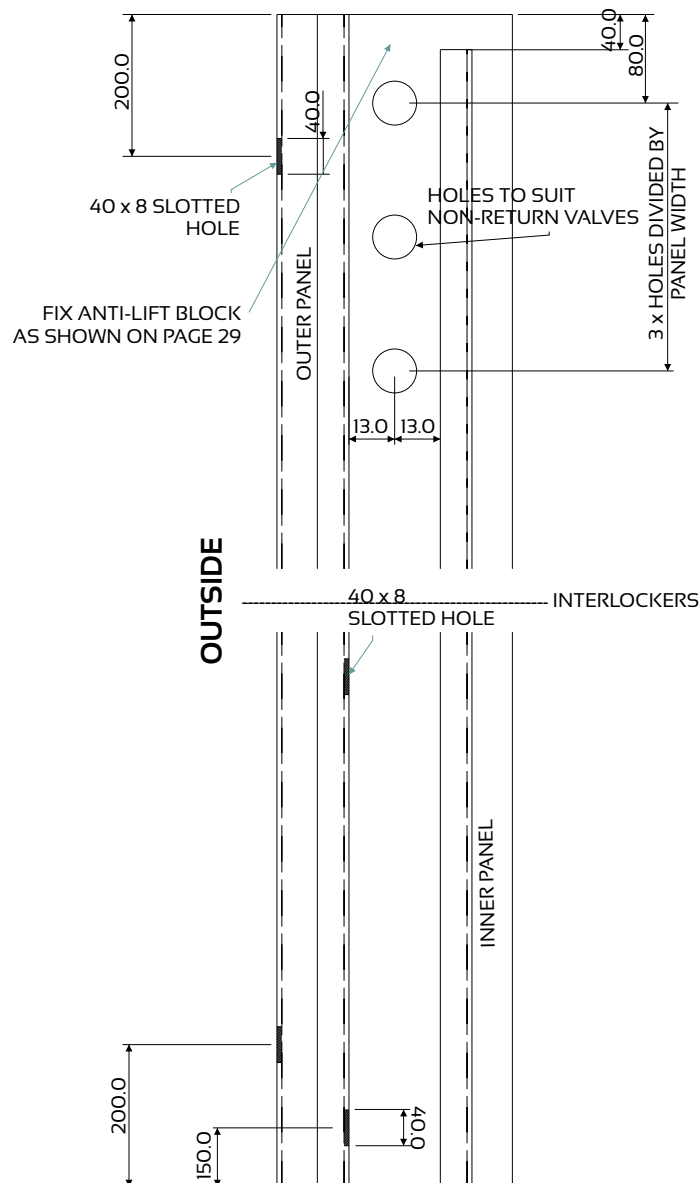




CASEMENT 28 SIDELIGHT
BOTTOM RAIL







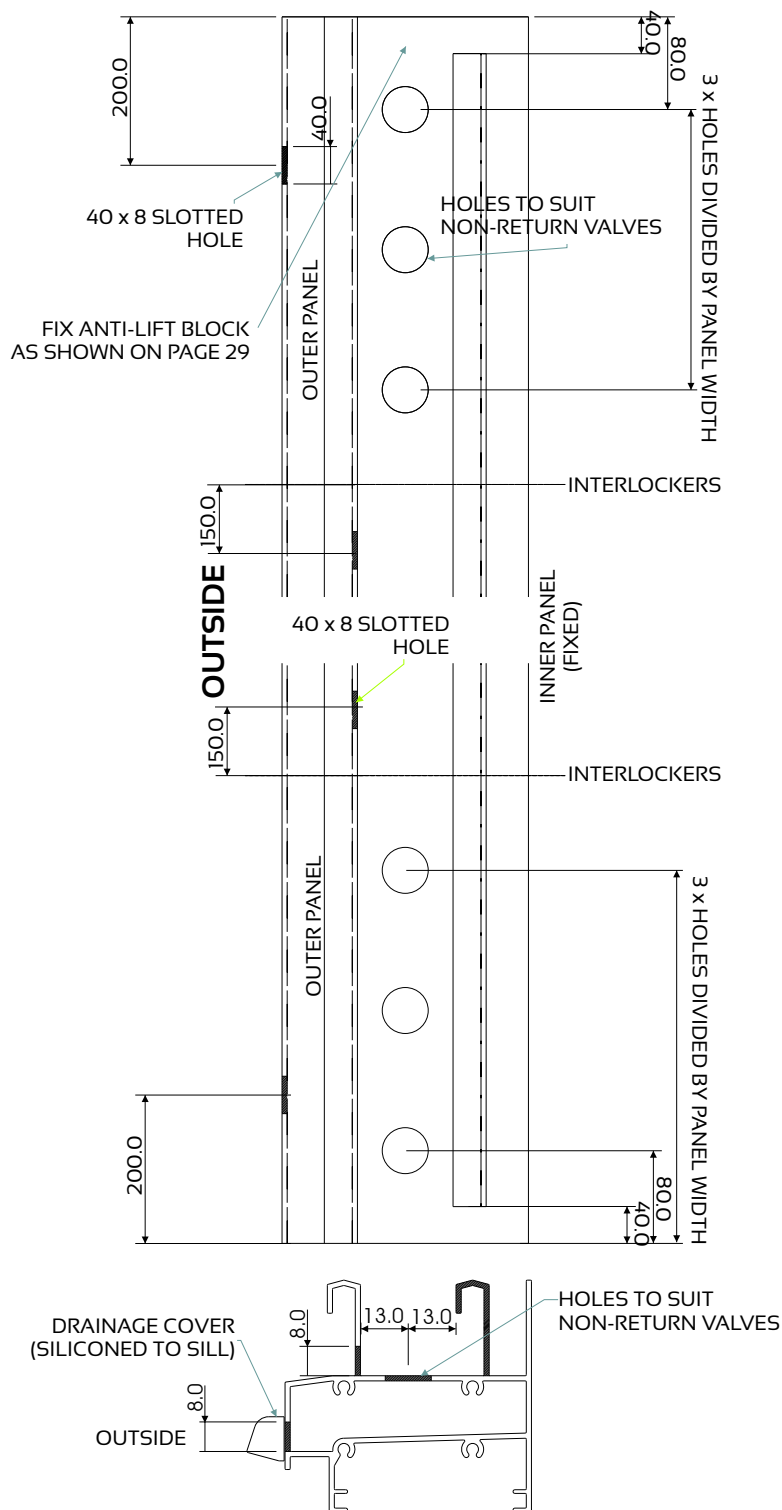
NOTE:
FOR SLIDING WINDOWS
OVER 1200mm WIDE,
3 x DRAINAGE COVERS TO BE ADDED

DRAINAGE FOR XX CONFIGURATION

This manual must be read in conjunction with the Installation, Cleaning & Maintenance Document and the Performance Certificates for the relevant system. The manual must also be used in conjunction with the design and cutting list from the latest version of StarFront.

Machining Detail

for Sill Drainage



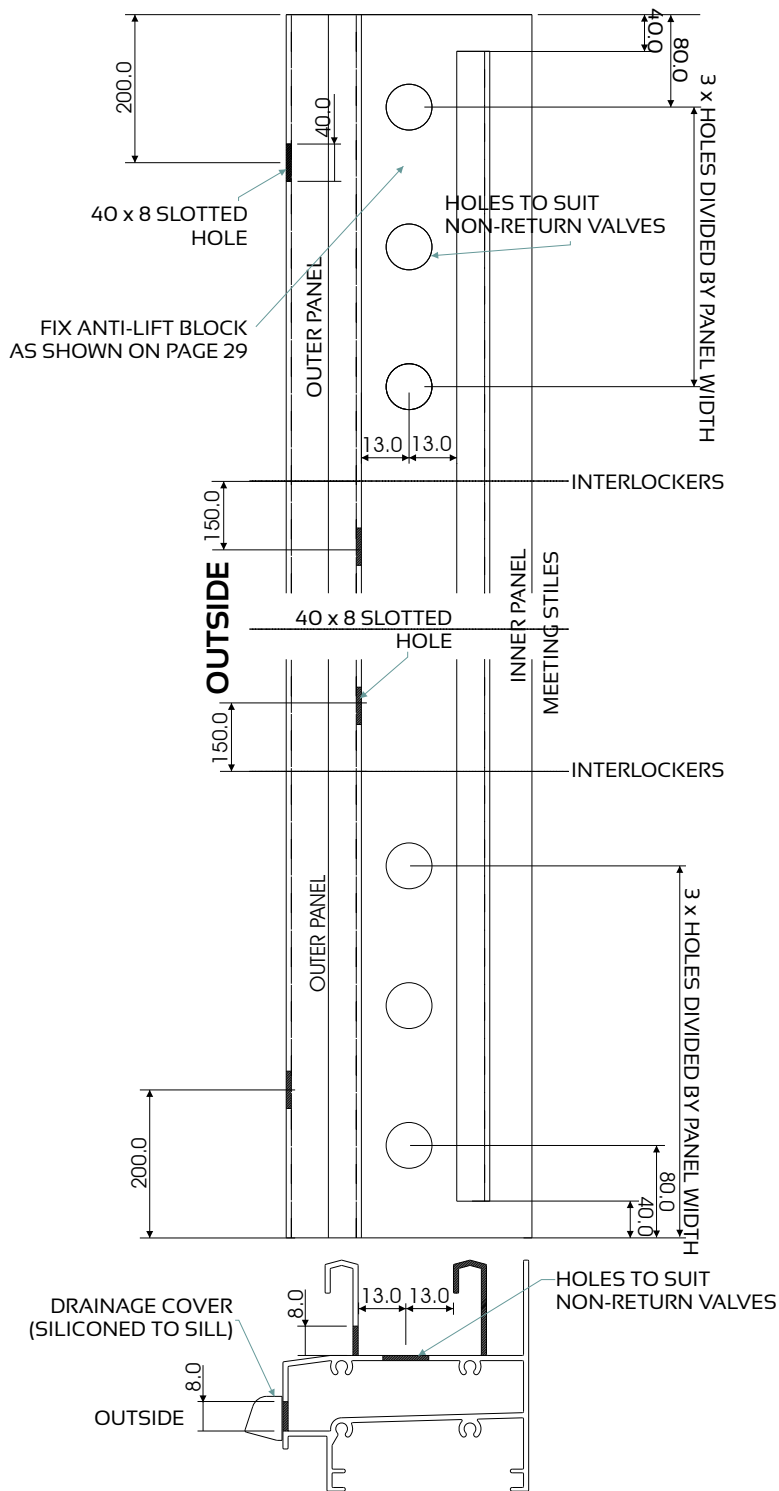
NOTE:
FOR SLIDING WINDOWS
OVER 1200mm WIDE,
3 x DRAINAGE COVERS TO BE ADDED

DRAINAGE FOR XOX CONFIGURATION

This manual must be read in conjunction with the Installation, Cleaning & Maintenance Document and the Performance Certificates for the relevant system. The manual must also be used in conjunction with the design and cutting list from the latest version of StarFront.

Machining Detail

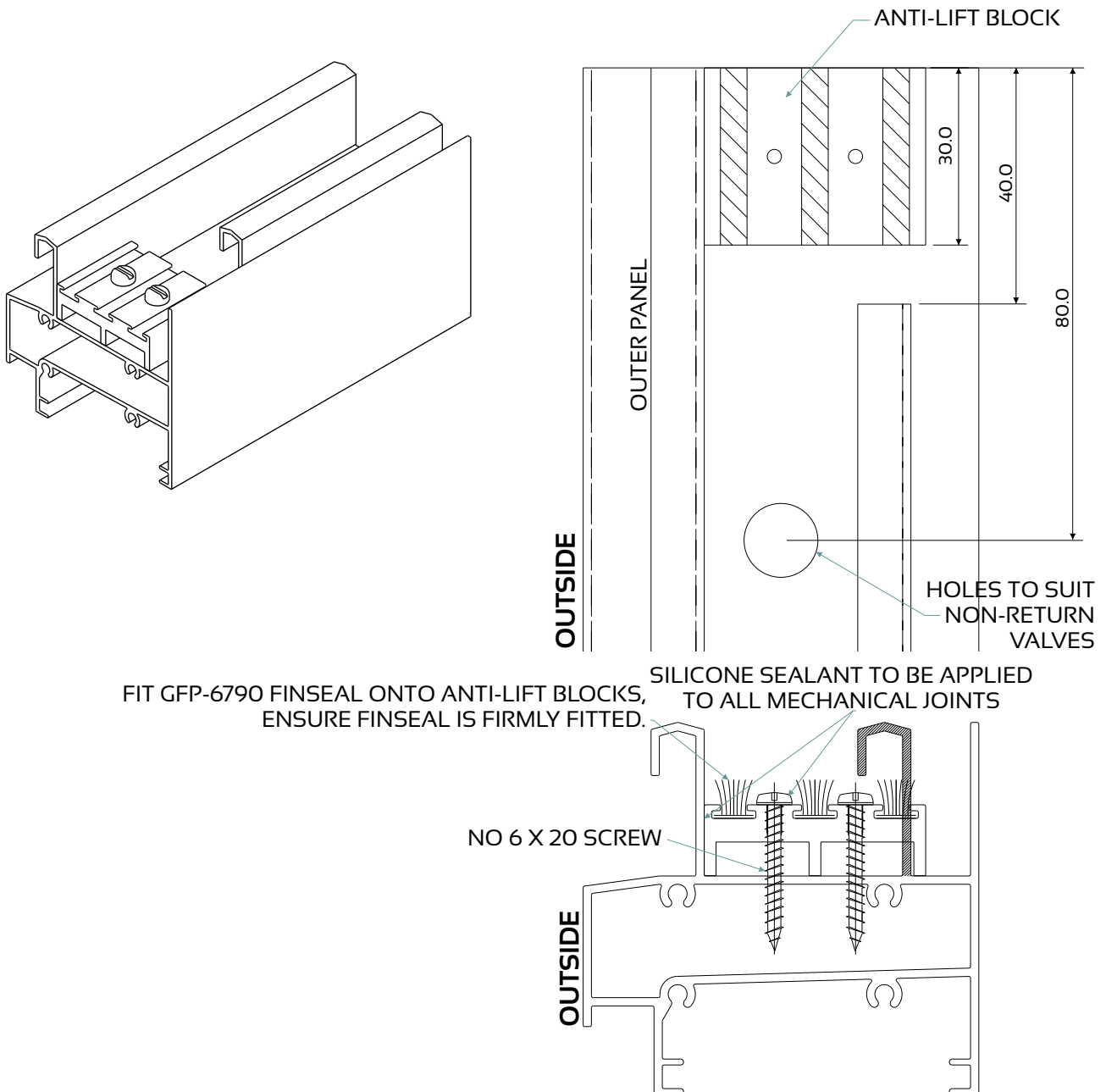
for Sill Drainage

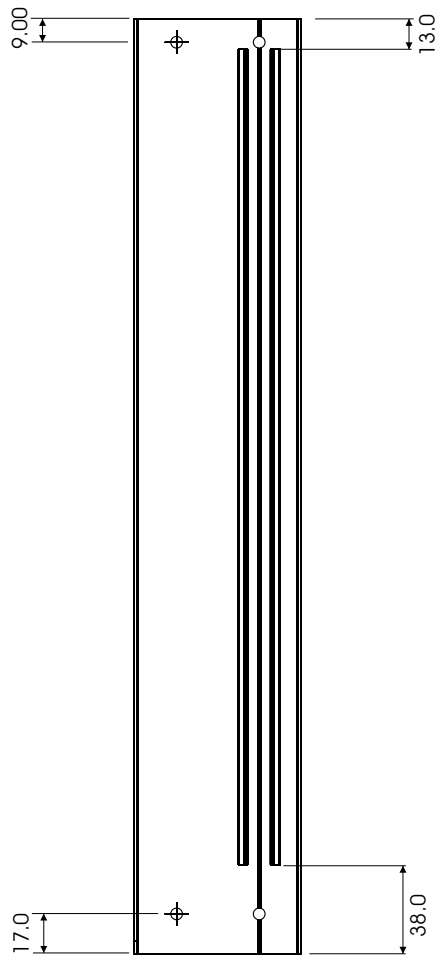


NOTE:
FOR SLIDING WINDOWS
OVER 1200mm WIDE,
3 x DRAINAGE COVERS TO BE ADDED

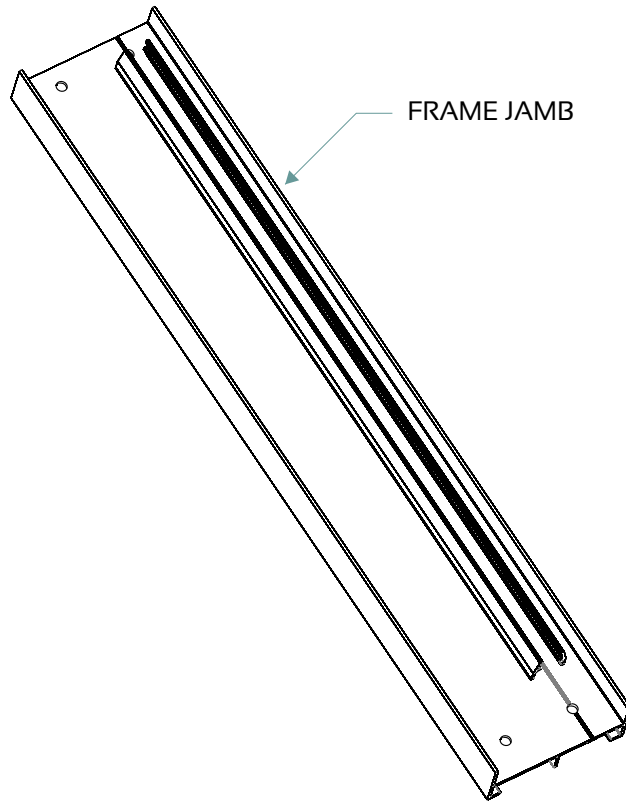
DRAINAGE FOR OXXO CONFIGURATION

This manual must be read in conjunction with the Installation, Cleaning & Maintenance Document and the Performance Certificates for the relevant system. The manual must also be used in conjunction with the design and cutting list from the latest version of StarFront.

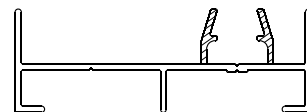




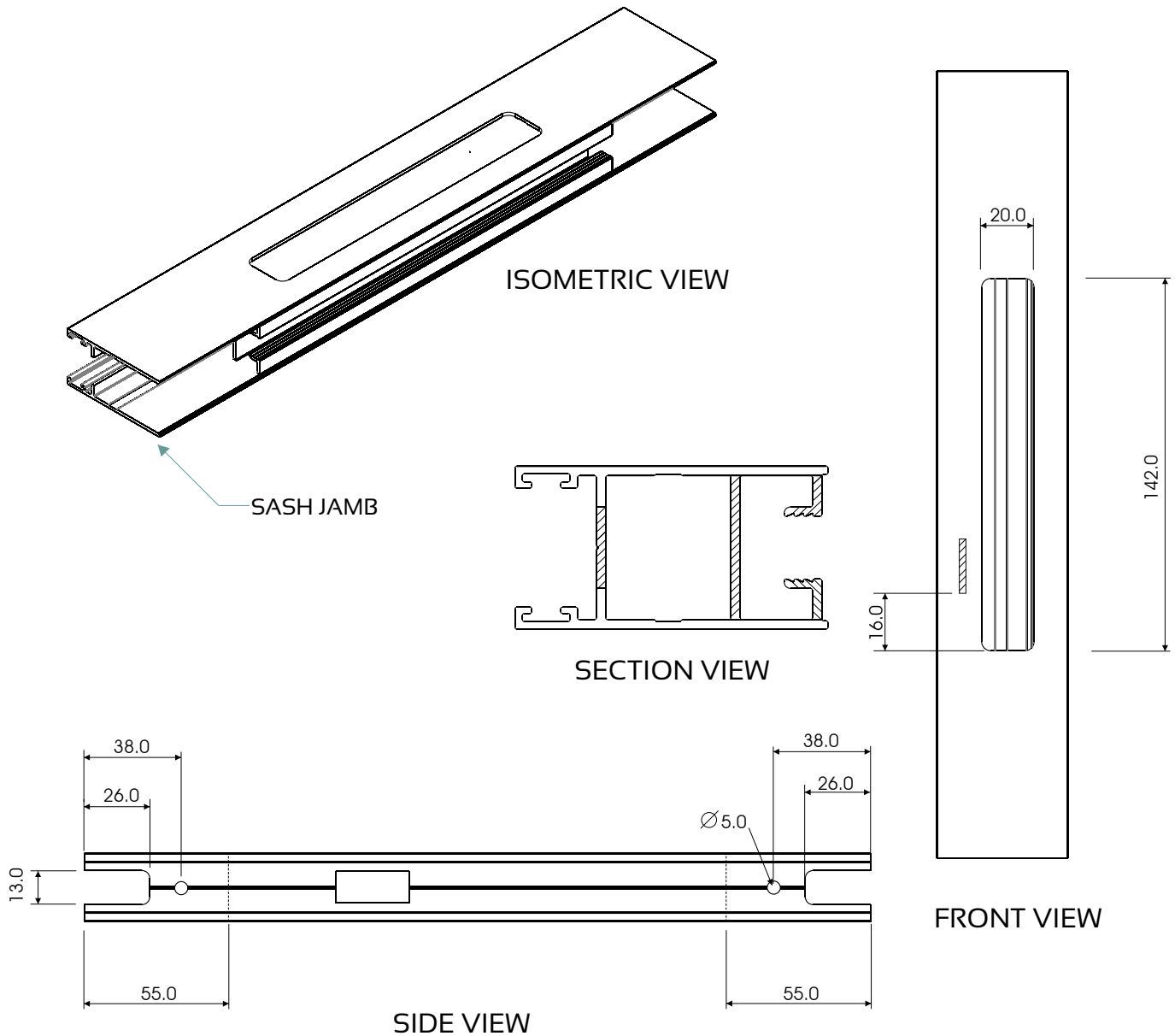
TOP VIEW

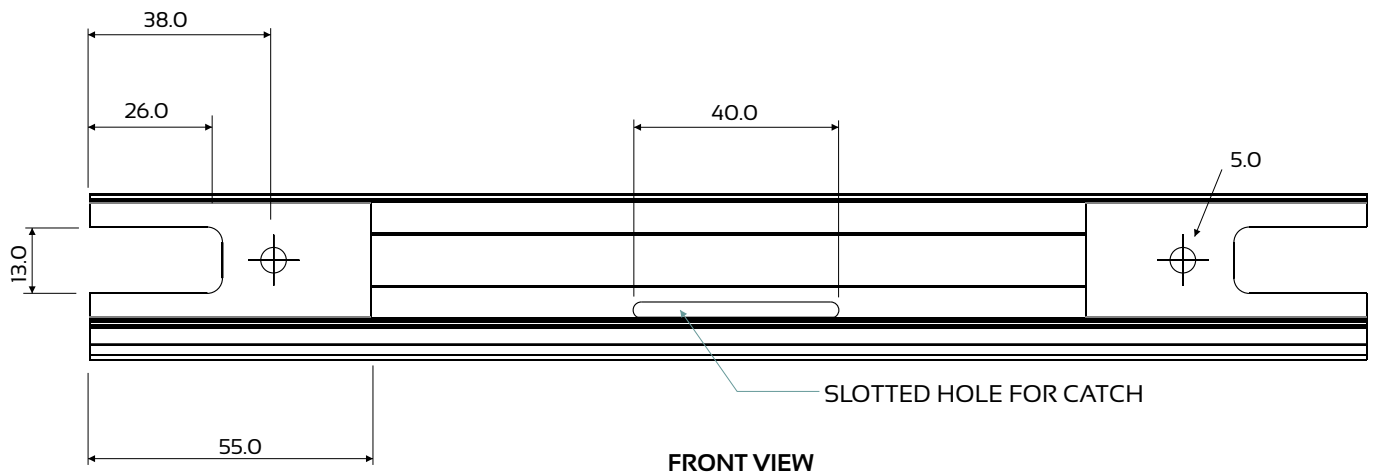
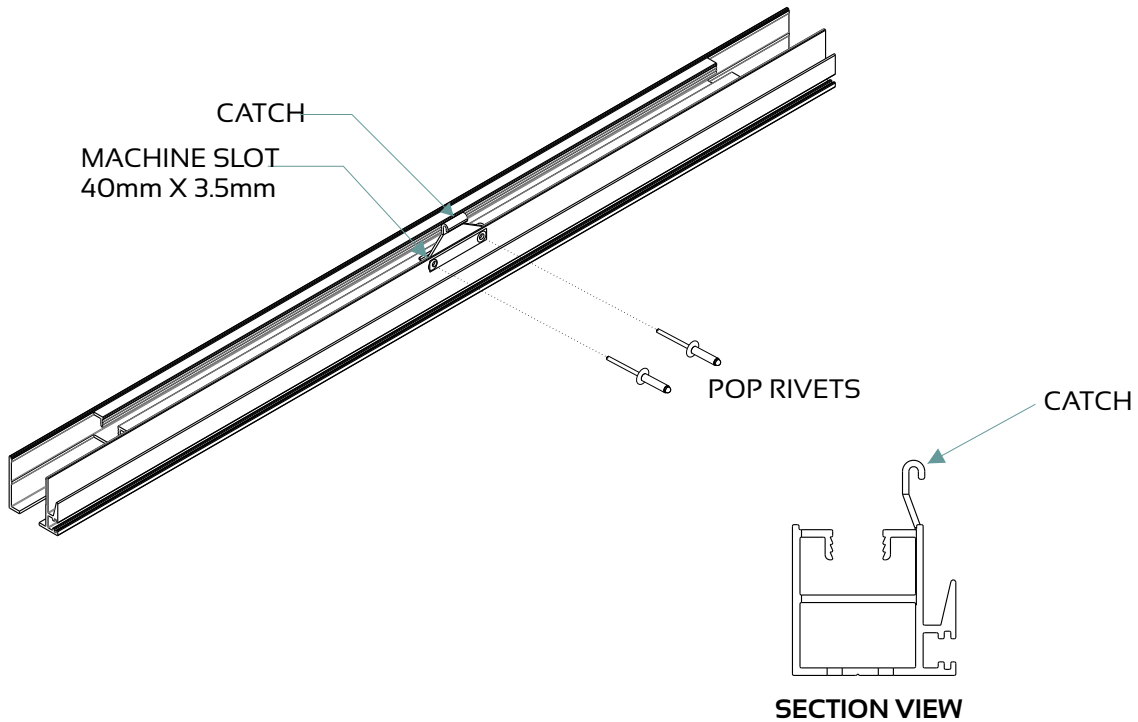


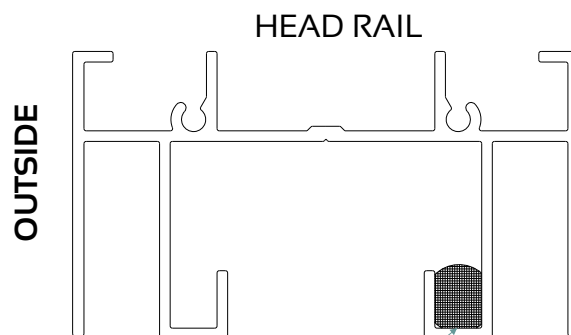
N.B:
A NEUTRAL SEALANT SHOULD BE
APPLIED TO THE PROFILE ENDS
OF THE SILL AND HEAD RAILS
ON ASSEMBLY TO PROVIDE A
GOOD SEAL ON THE OUTER
FRAME BUTT JOINTS.
(ENSURE THAT SEALANT USED IS
NON-CORROSIVE)



SECTION VIEW

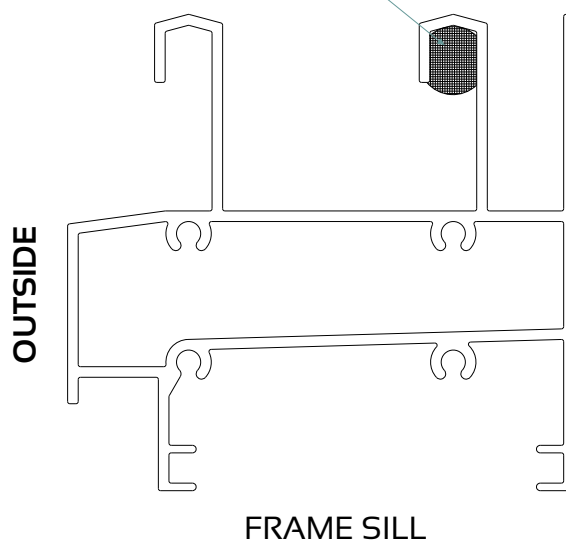


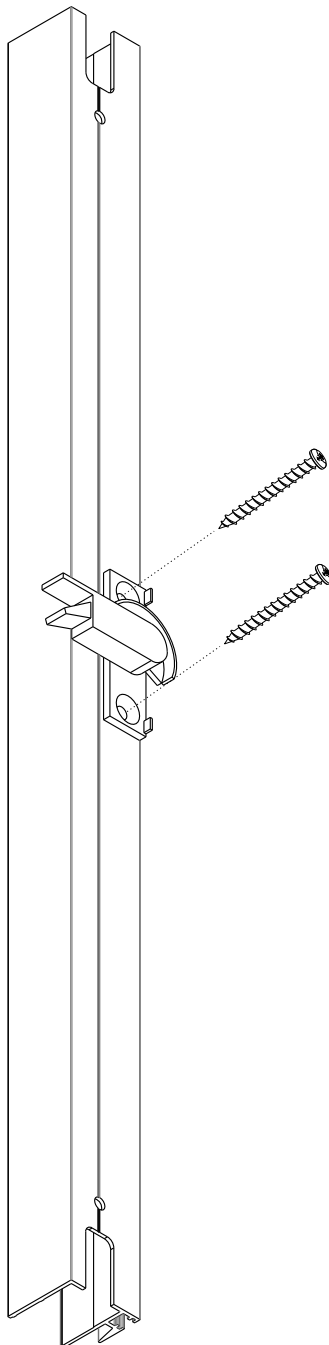




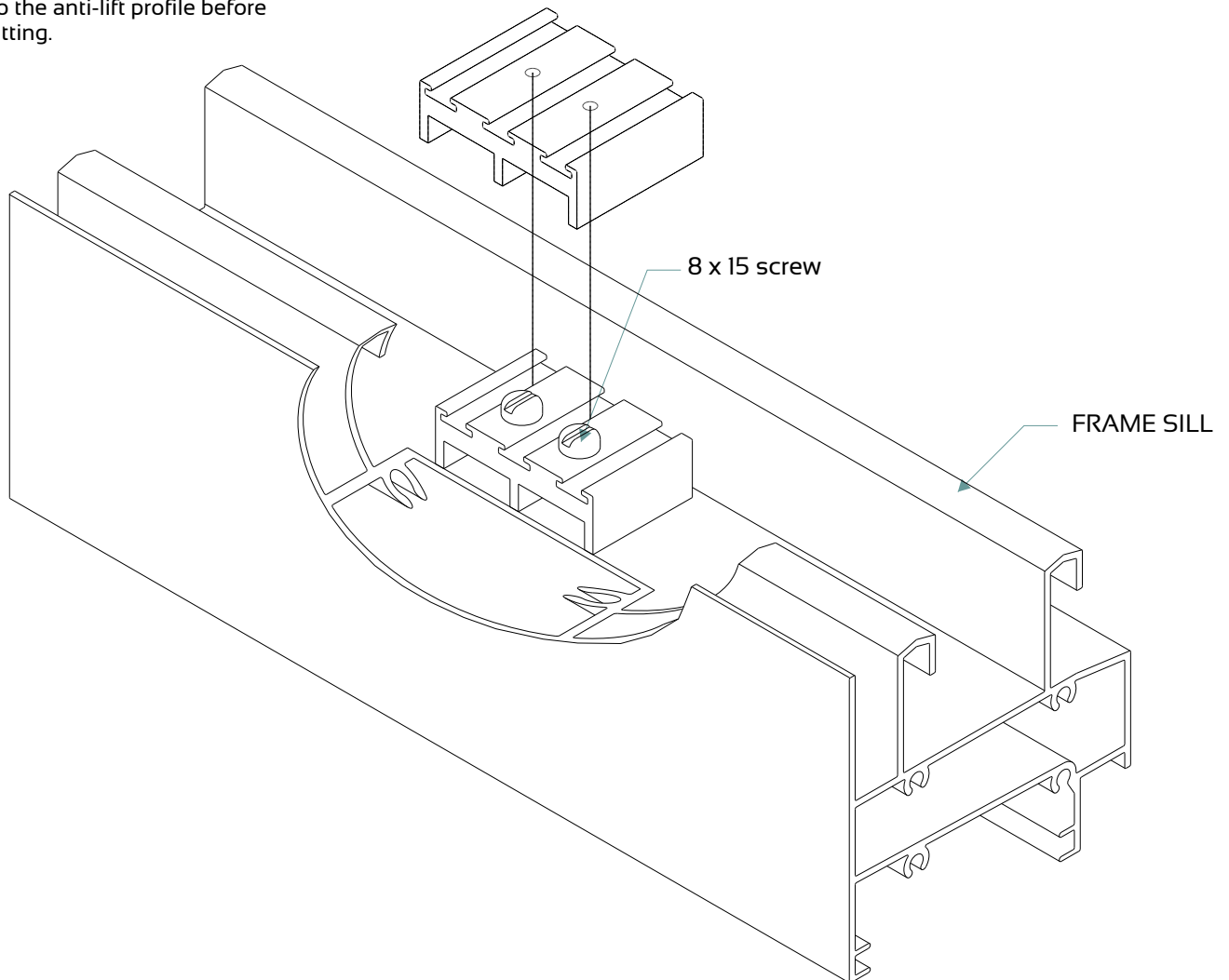
FIT DIA. 12mm POLYCORD (FROM SONDOR) OR EQUIVALENT
(ABOUT 100mm LONG)
TO CENTRE OF FRAME SILL & HEAD RAIL AS SHOWN
OR AT POSITION OF INTERLOCKERS

FIT DIA. 12mm POLYCORD (FROM SONDOR) OR EQUIVALENT
(ABOUT 100mm LONG)
TO CENTRE OF FRAME SILL & HEAD RAIL AS SHOWN
OR AT POSITION OF INTERLOCKERS

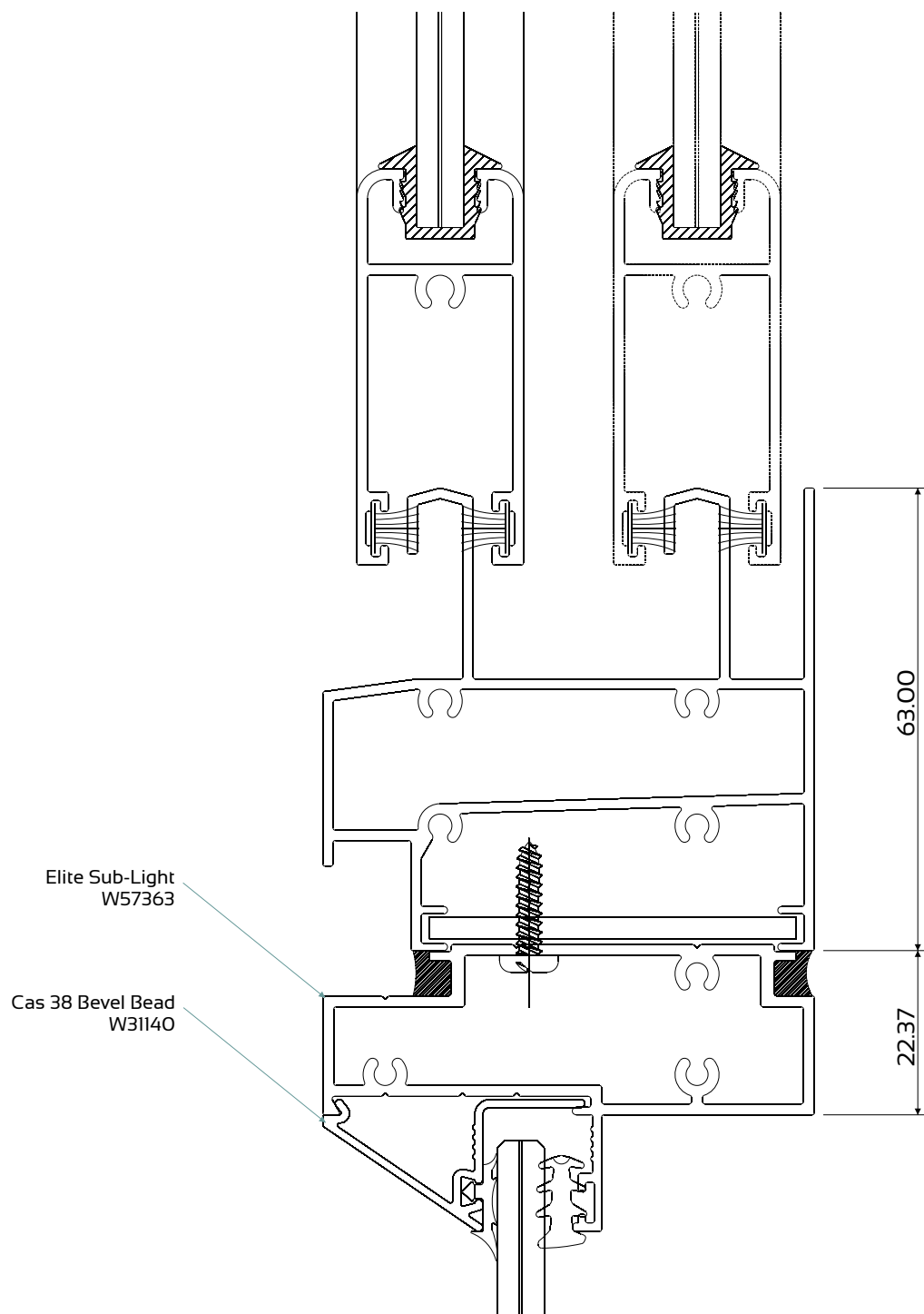


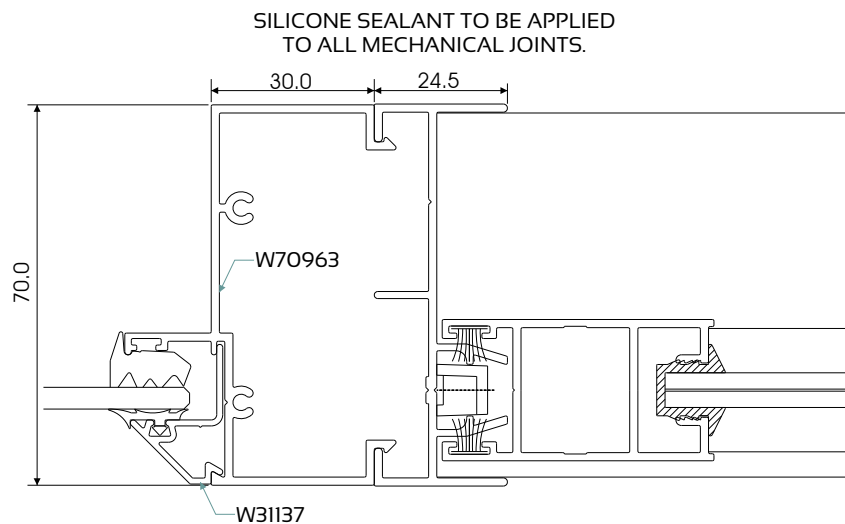


Note : Woolpile must be added to the anti-lift profile before fitting.

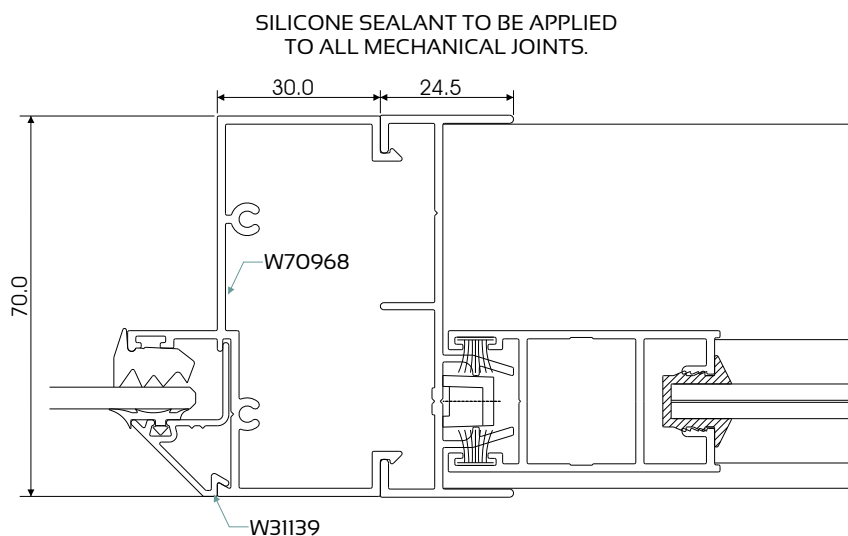


Note : Anti-lift profile must be fitted to both the head and the sill directly above the interlocks when the window is in the closed position.

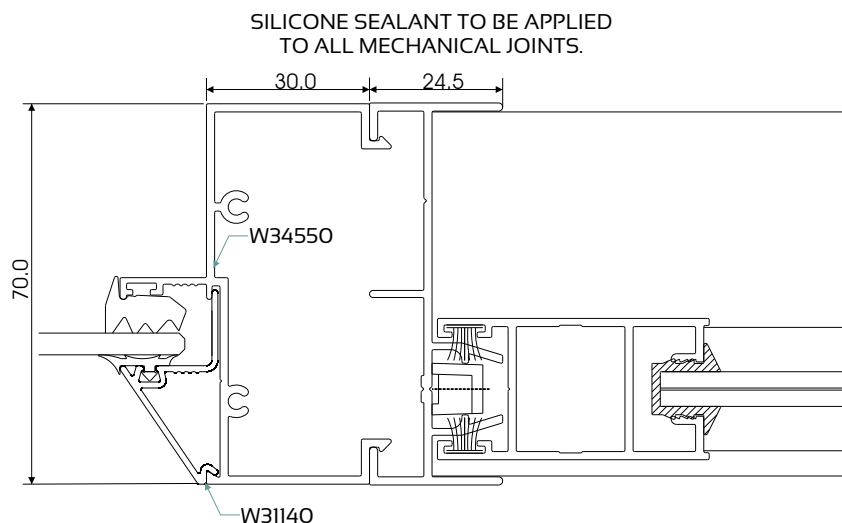




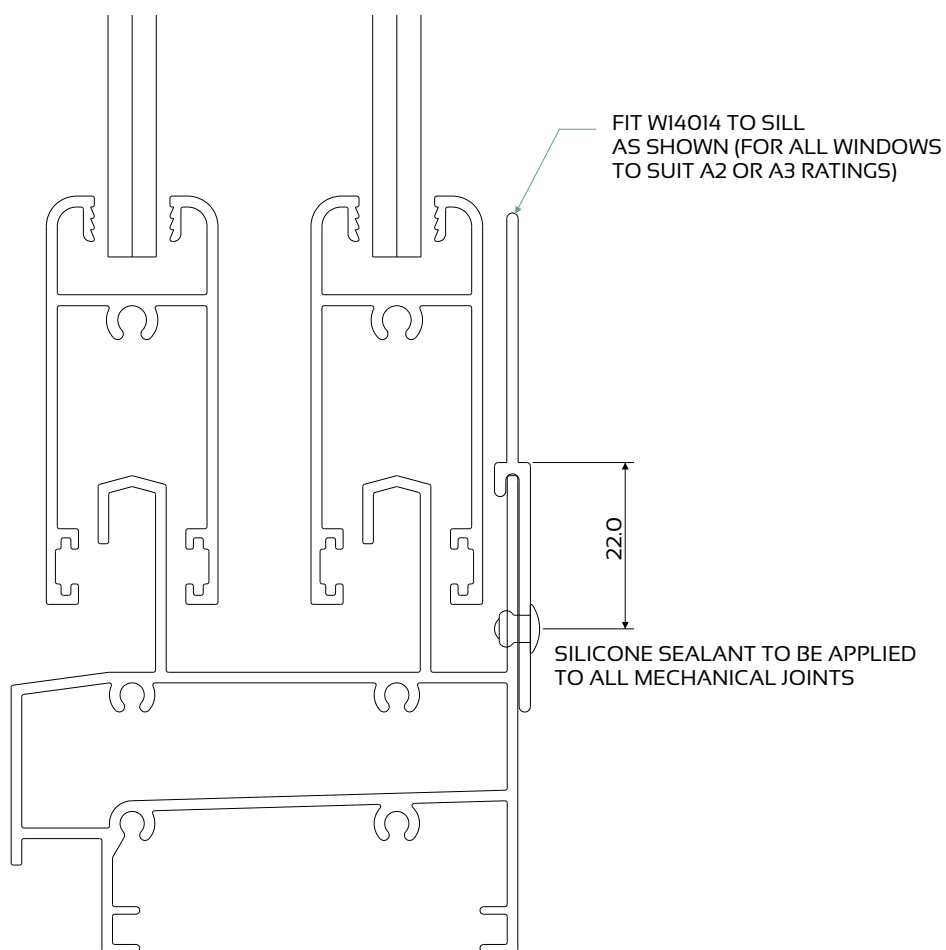
SIDELIGHT COMBO FOR CASEMENT 28



SIDELIGHT COMBO FOR CASEMENT 30.5



SIDELIGHT COMBO FOR CASEMENT 38



GLAZING

1. SELECTION OF GLAZING METHODS

1.1 SETTING AND LOCATION BLOCKS

Glass-to-metal contact must be avoided at all times by using setting and location blocks having a hardness of 50° to 90° shore A durometer. Use only blocks made of Neoprene, EPDM, Silicone or other elastomeric material.

Setting blocks are to have a minimum thickness of 3mm and must be at least 27mm in length per square metre of glass area.

The position of the setting and location blocks is illustrated in Figure 2.

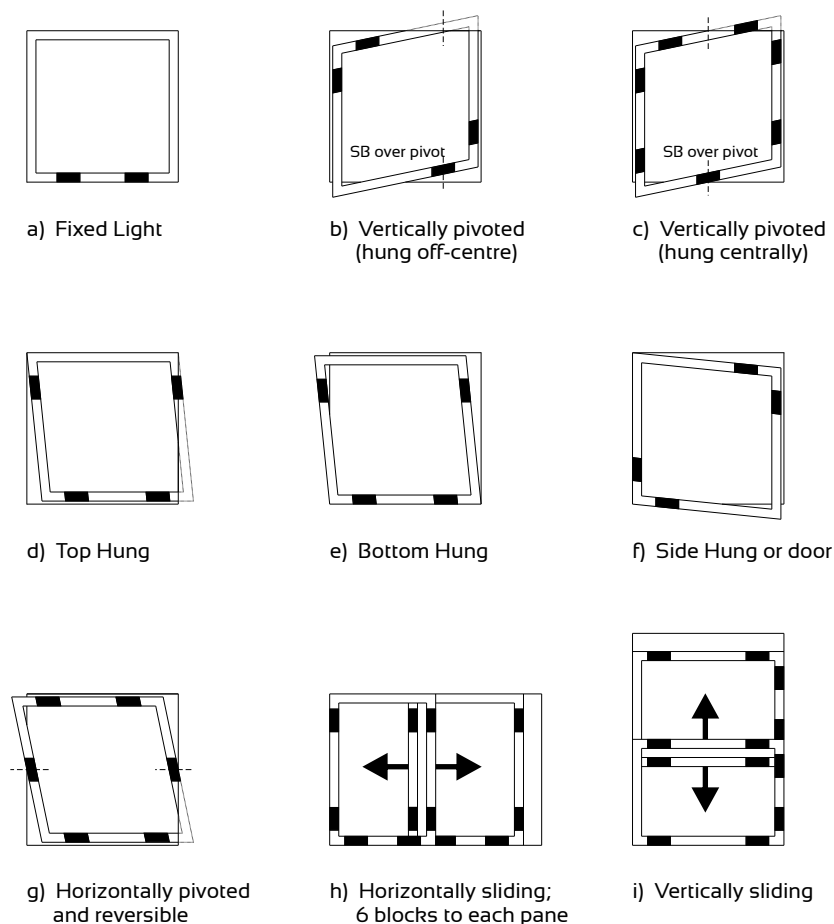


FIGURE 2 - POSITION OF SETTING AND LOCATION BLOCKS