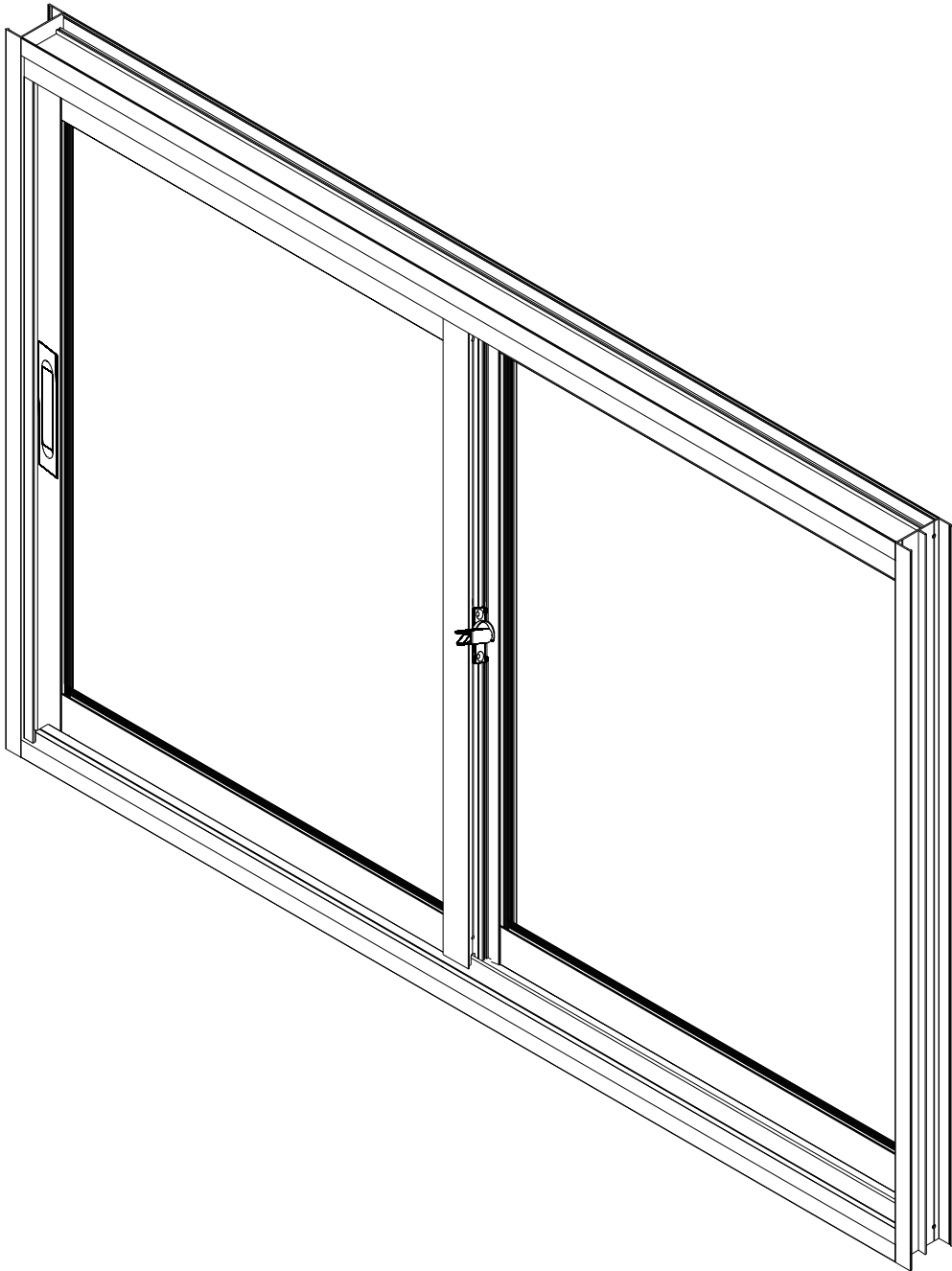




crealco |

ELITE

**ELITE
HORIZONTAL SLIDING WINDOW SYSTEM**



PRODUCT MANUAL

Disclaimer: The right to make alterations is reserved
© 2013 Wispeco (Pty) Ltd, All Rights Reserved
Revision: November 2013



INDEX

Legal Disclaimer	3
Profile Identification	4
Hardware Identification	5
Size Limitation Guide	6
Typical Configurations	7
Fixing Details	8
Interlockers & Meeting Stiles Limitation Chart	
1000Pa Windload Double Track 2 Panel	9
1500Pa Windload Double Track 2 Panel	10
2000Pa Windload Double Track 2 Panel	11
1000Pa Windload Double Track 4 Panel	12
1500Pa Windload Double Track 4 Panel	13
2000Pa Windload Double Track 4 Panel	14
Cross Sectional Detail	
Cutting Sizes	15-16
Showing H/D Interlocker	17
Showing XXXX Configuration	18
Outer Frame Component Assembly Detail	19
Sash Frame Component Assembly Detail – With Lock	20
Sash Frame Component Assembly Detail – With Catch and Keep	21
Detail of Bottom Roller	22
Sidelight Bottom Rail	
Casement 30.5	23
Casement 28	24
Meeting Stile Machining Detail	25
Machining Detail for Sill Drainage	26-29
Assembly of Head & Sill Rail	30
Assembly of Side Light Adaptor	
Casement 28	31
Casement 30.5	32
Casement 38	33
Fitting of Sill Extension for A2 & A3	34
Jamb Rail Machining Detail	35
Lock Stile Machining Detail	36
Interlock Machining Detail	37
Latch Assembly Detail	38
Anti-Lift Block Assembly Detail	39
Setting Block Location	40

This manual must be read in conjunction with the Installation, Cleaning and Maintenance Document, BEE Certificates 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.



crealco |

ELITE

LEGAL DISCLAIMER

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.

Great care has been taken to ensure that the information provided is correct. Wispeco will accept no responsibility for any errors and/or omissions, which may have inadvertently occurred.

All mechanical joints must be sealed with a Wispeco approved joint sealer.

Laminated glass must not stand in water.

All drawings in the Wispeco Documentation are shown NOT to scale.

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

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

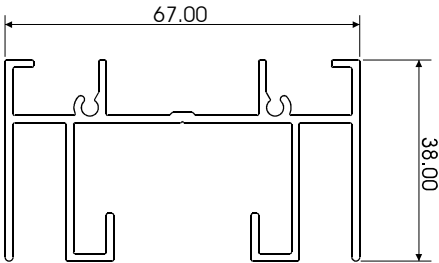
The hardware recommended in this documentation is suitable for use in most atmospheric environments. When hardware is used in severe coastal environments the manufacturer of the hardware must be consulted.

Fixing lugs on frames must be positioned as per the user manual and used in accordance to the AAAMSA specifications. When profiles are screwed together the screw centers must also be according to the user manual.

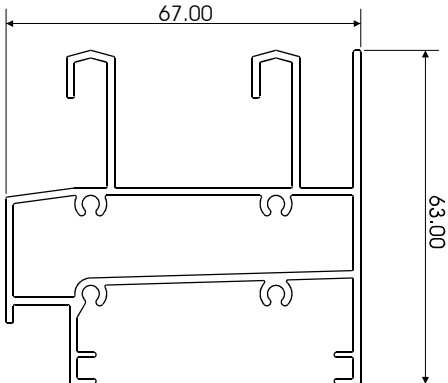
All glass used within Wispeco products must comply with SAGGA regulations.

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

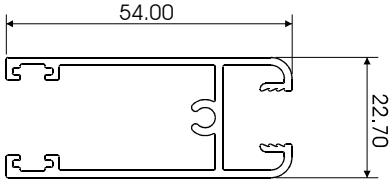
ELITE HORIZONTAL SLIDING WINDOW SYSTEM PROFILE IDENTIFICATION



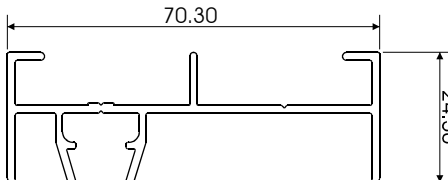
ELITE FRAME HEAD
W31079



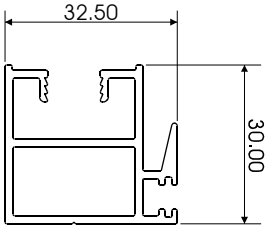
ELITE FRAME SILL
W55169



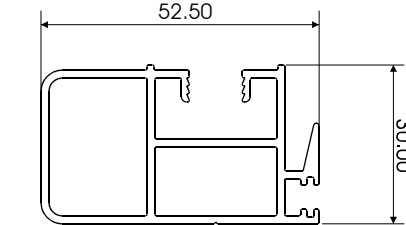
ELITE SASH TOP &
BOTTOM
W31082



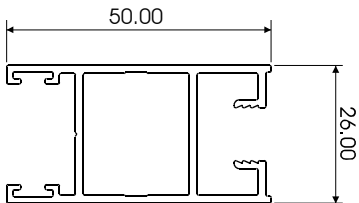
ELITE FRAME JAMB
W31080



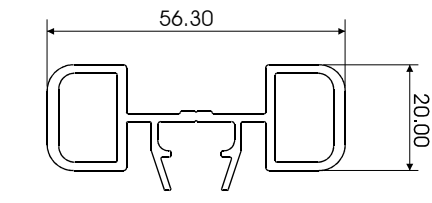
ELITE INTERLOCKER
W55168



ELITE HEAVY DUTY
INTERLOCKER
W55167

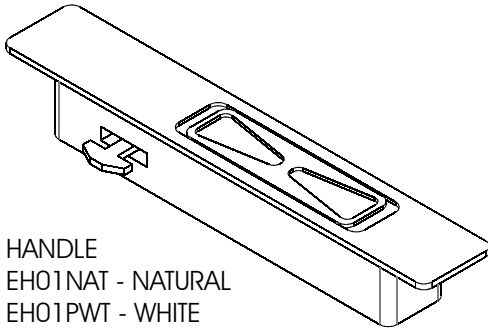


ELITE LOCK STILE
W55166

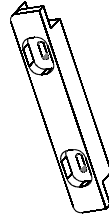


ELITE MEETING
STILE ADAPTOR
W57148

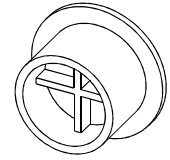
ELITE HORIZONTAL SLIDING WINDOW SYSTEM HARDWARE IDENTIFICATION



HANDLE
EH01NAT - NATURAL
EH01PWT - WHITE
EH01PBK - BLACK



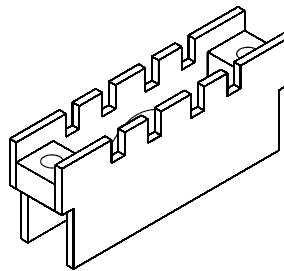
HANDLE CATCH & KEEP
EHKEEP



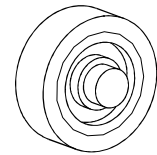
NON-RETURN VALVE
EHVALVE



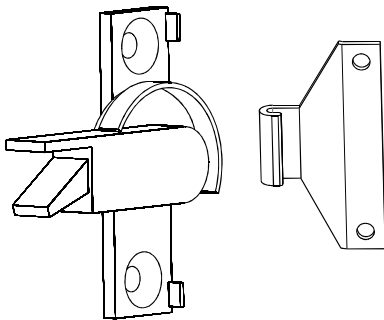
8x30 P/HEAD POSI
S/S SCREW
STPPS830



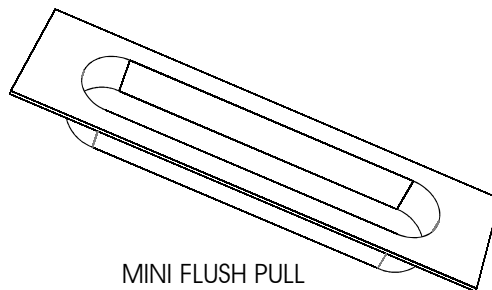
ROLLER HOUSING
EHHOUSE



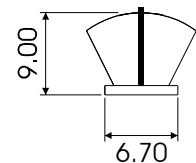
ROLLER ONLY
EHROLL



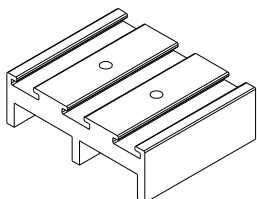
CAM CATCH
EHCCATCH



MINI FLUSH PULL
HANDLE
EH254PBK - BLACK
EH254PWT - WHITE



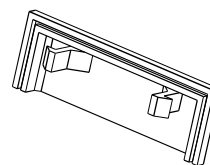
FINPILE
FP67900300FG



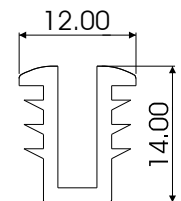
DRAUGHT EXCLUDER
ANTI LIFT
ALSOO5P



STOPPER WITH SCREW
VS001P+STPPS820

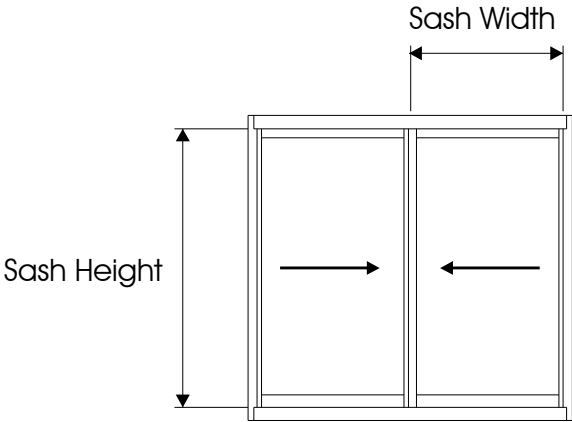


DRAINAGE COVER
BDC001P



CHANNEL H33
JC15005
6.38mm

ELITE HORIZONTAL
SLIDING WINDOW SYSTEM
SIZE LIMITATION GUIDE



MAXIMUM SASH WIDTH = 750mm

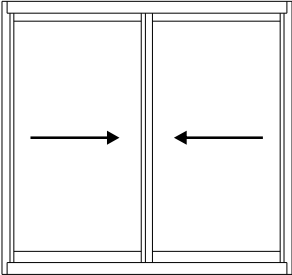
MAXIMUM SASH HEIGHT = 1500mm

(SEE LIMITATION CHARTS)

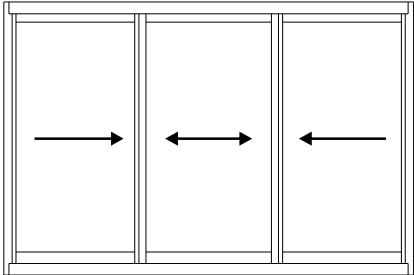
ELITE HORIZONTAL
SLIDING WINDOW SYSTEM
TYPICAL CONFIGURATIONS



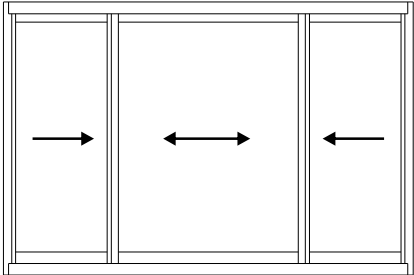
XX CONFIGURATION



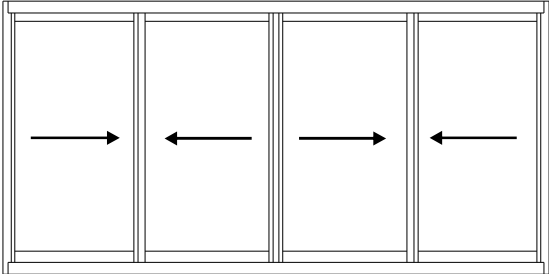
XOX EQUAL PANE
CONFIGURATION



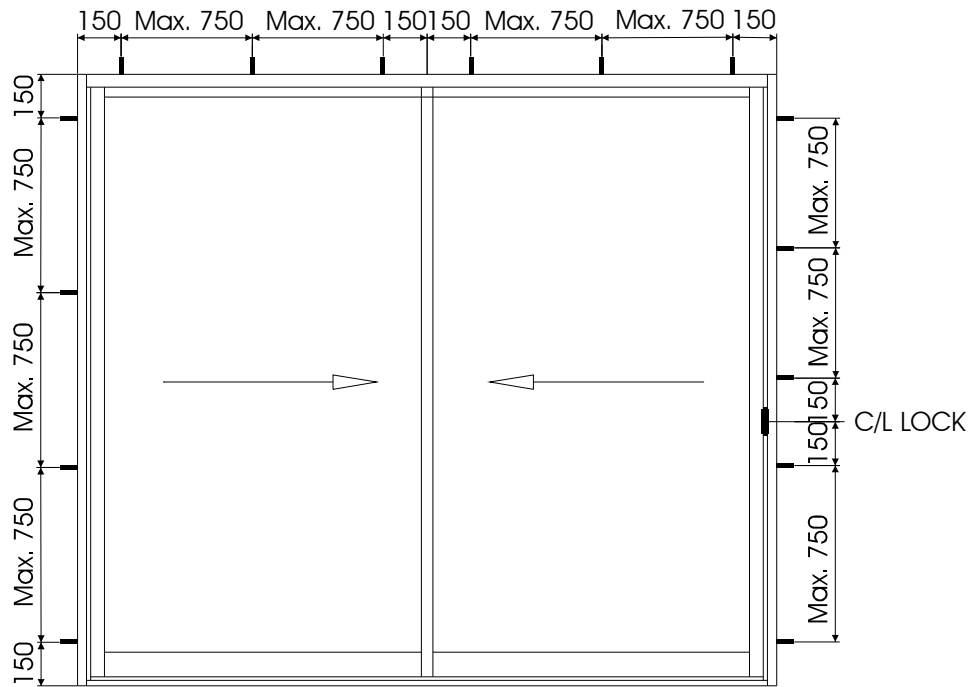
XOX UNEQUAL PANE
CONFIGURATION



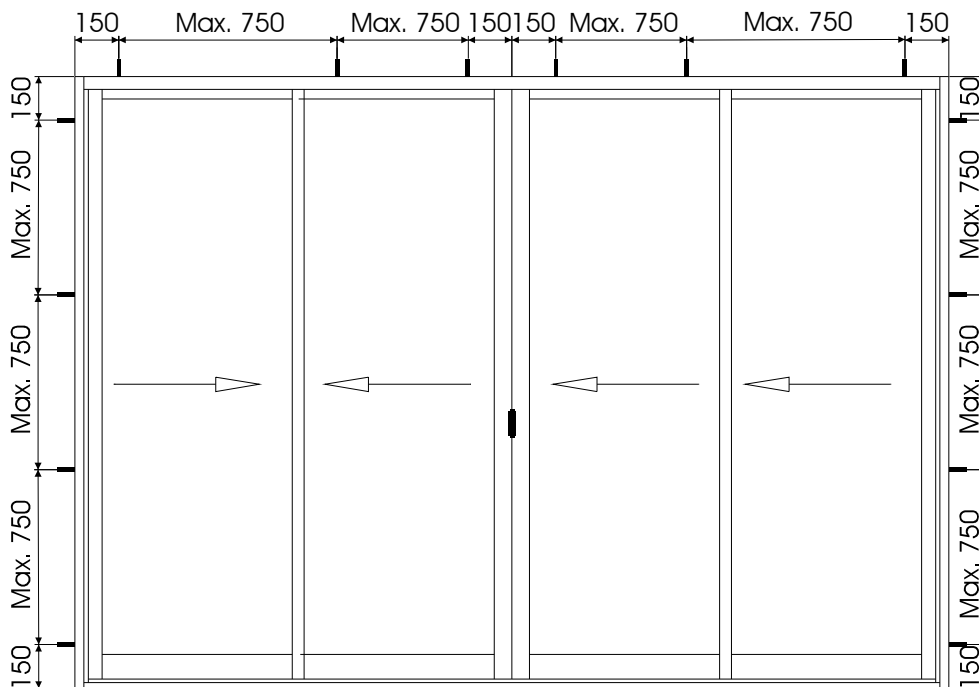
XXXX CONFIGURATION



ELITE HORIZONTAL SLIDING WINDOW SYSTEM FIXING DETAILS



TYPICAL OX SLIDING DOOR &
HORIZONTAL SLIDING WINDOW



TYPICAL OXXO SLIDING DOOR &
HORIZONTAL SLIDING WINDOW

ELITE HORIZONTAL SLIDING WINDOW SYSTEM 1000Pa WINDLOAD INTERLOCKERS & MEETING STILES LIMITATION CHART FOR DOUBLE TRACK - 2 PANEL

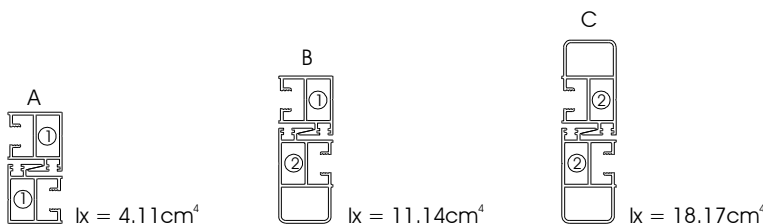


NOTE: 1. Opening sizes shown in red.
2. Actual door sizes shown in black.

O - FIXED PANEL
X - SLIDING PANEL

	900 890	1 200 1 190	1 500 1 490	1 800 1 790	2 100 2 090	2 400 2 390	2 700 2 690	3 000 2 990
600 590								
	Elite - 0906XX Elite - 1206XX	Elite - 1506XX	Elite - 1806XX	Elite - 2106XX	Elite - 2406XX	Elite - 2706XX	Elite - 3006XX	
900 890								
	Elite - 0909XX Elite - 1209XX	Elite - 1509XX	Elite - 1809XX	Elite - 2109XX	Elite - 2409XX	Elite - 2709XX	Elite - 3009XX	
1 200 1 190								
	Elite - 0912XX Elite - 1212XX	Elite - 1512XX	Elite - 1812XX	Elite - 2112XX	Elite - 2412XX	Elite - 2712XX	Elite - 3012XX	
1 500 1 490								
	Elite - 0915XX Elite - 1215XX	Elite - 1515XX	Elite - 1815XX	Elite - 2115XX	Elite - 2415XX	Elite - 2715XX	Elite - 3015XX	
1 800 1 790								
	Elite - 0918XX Elite - 1218XX	Elite - 1518XX	Elite - 1818XX	Elite - 2118XX	Elite - 2418XX	Elite - 2718XX	Elite - 3018XX	

INTERLOCKERS



1=INTERLOCKER
2=INTERLOCKER

ELITE HORIZONTAL SLIDING WINDOW SYSTEM 1500Pa WINDLOAD INTERLOCKERS & MEETING STILES LIMITATION CHART FOR DOUBLE TRACK - 2 PANEL

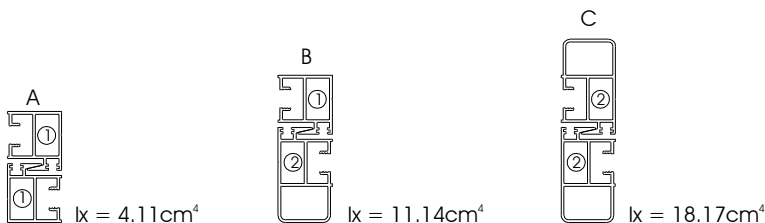


NOTE: 1. Opening sizes shown in red.
2. Actual door sizes shown in black.

○ - FIXED PANEL
X - SLIDING PANEL

	900 890	1 200 1 190	1 500 1 490	1 800 1 790	2 100 2 090	2 400 2 390	2 700 2 690	3 000 2 990
600 590								
	Elite - 0906XX Elite - 1206XX	Elite - 1506XX	Elite - 1806XX	Elite - 2106XX	Elite - 2406XX	Elite - 2706XX	Elite - 3006XX	
900 890								
	Elite - 0909XX Elite - 1209XX	Elite - 1509XX	Elite - 1809XX	Elite - 2109XX	Elite - 2409XX	Elite - 2709XX	Elite - 3009XX	
1 200 1 190								
	Elite - 0912XX Elite - 1212XX	Elite - 1512XX	Elite - 1812XX	Elite - 2112XX	Elite - 2412XX	Elite - 2712XX	Elite - 3012XX	
1 500 1 490								
	Elite - 0915XX Elite - 1215XX	Elite - 1515XX	Elite - 1815XX	Elite - 2115XX	Elite - 2415XX	Elite - 2715XX	Elite - 3015XX	
1 800 1 790								
	Elite - 0918XX Elite - 1218XX	Elite - 1518XX						

INTERLOCKERS



1=INTERLOCKER
2=INTERLOCKER

ELITE HORIZONTAL SLIDING WINDOW SYSTEM 2000Pa WINDLOAD INTERLOCKERS & MEETING STILES LIMITATION CHART FOR DOUBLE TRACK - 2 PANEL

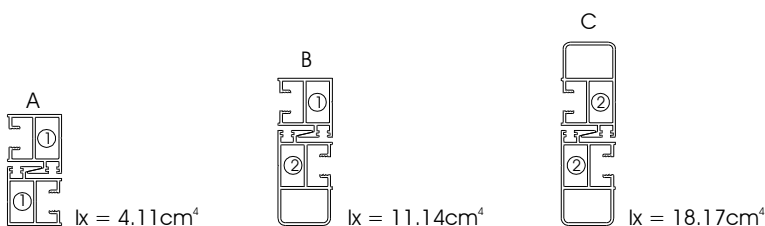


NOTE: 1. Opening sizes shown in red.
2. Actual door sizes shown in black.

○ - FIXED PANEL
X - SLIDING PANEL

600 590	900 890	1 200 1 190	1 500 1 490	1 800 1 790	2 100 2 090	2 400 2 390	2 700 2 690	3 000 2 990
	Elite - 0906XX Elite - 1206XX	Elite - 1506XX	Elite - 1806XX	Elite - 2106XX	Elite - 2406XX	Elite - 2706XX	Elite - 3006XX	
900 890								
	Elite - 0909XX Elite - 1209XX	Elite - 1509XX	Elite - 1809XX	Elite - 2109XX	Elite - 2409XX	Elite - 2709XX	Elite - 3009XX	
1 200 1 190								
	Elite - 0912XX Elite - 1212XX	Elite - 1512XX	Elite - 1812XX	Elite - 2112XX	Elite - 2412XX	Elite - 2712XX	Elite - 3012XX	
1 500 1 490								
	Elite - 0915XX Elite - 1215XX	Elite - 1515XX	Elite - 1815XX	Elite - 2115XX	Elite - 2415XX	Elite - 2715XX	Elite - 3015XX	
1 800 1 790								
	Elite - 0918XX							

INTERLOCKERS



1=INTERLOCKER
2=INTERLOCKER

ELITE HORIZONTAL SLIDING WINDOW SYSTEM 1000Pa WINDLOAD INTERLOCKERS & MEETING STILES LIMITATION CHART FOR DOUBLE TRACK - 4 PANEL

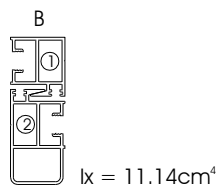
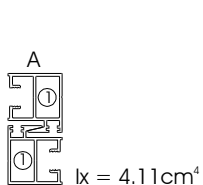


NOTE: 1. Opening sizes shown in red.
2. Actual door sizes shown in black.

○ - FIXED PANEL
X - SLIDING PANEL

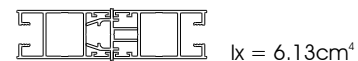
600 590	2 400 2 390	2 700 2 690	3 000 2 990
	Elite - 2406XXXX	Elite - 2706XXXX	Elite - 3006XXXX
900 890			
	Elite - 2409XXXX	Elite - 2708XXXX	Elite - 3009XXXX
1 200 1 190			
	Elite - 2412XXXX	Elite - 2712XXXX	Elite - 3012XXXX
1 500 1 490			
	Elite - 2415XXXX	Elite - 2715XXXX	Elite - 3015XXXX

INTERLOCKERS



1 = INTERLOCKER
2 = INTERLOCKER

MEETING STILES



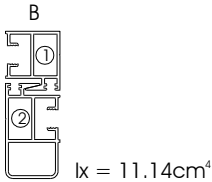
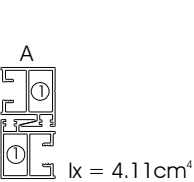
ELITE HORIZONTAL
SLIDING WINDOW SYSTEM
1500Pa WINDLOAD
INTERLOCKERS & MEETING STILES
LIMITATION CHART FOR DOUBLE TRACK - 4 PANEL

NOTE: 1. Opening sizes shown in red.
2. Actual door sizes shown in black.

○ - FIXED PANEL
X - SLIDING PANEL

	2 400 2 390	2 700 2 690	3 000 2 990
600 590			
	Elite - 2406XXXX	Elite - 2706XXXX	Elite - 3006XXXX
900 890			
	Elite - 2409XXXX	Elite - 2708XXXX	Elite - 3009XXXX
1 200 1 190			
	Elite - 2412XXXX	Elite - 2712XXXX	Elite - 3012XXXX

INTERLOCKERS



1 = INTERLOCKER
2 = INTERLOCKER

MEETING STILES



ELITE HORIZONTAL SLIDING WINDOW SYSTEM 2000Pa WINDLOAD INTERLOCKERS & MEETING STILES LIMITATION CHART FOR DOUBLE TRACK - 4 PANEL

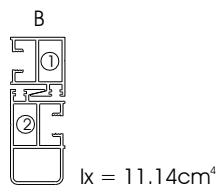
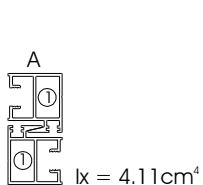


NOTE: 1. Opening sizes shown in red.
2. Actual door sizes shown in black.

○ - FIXED PANEL
X - SLIDING PANEL

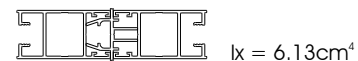
600	2 400	2 700	3 000
	2 390	2 690	2 990
590			
	Elite - 2406XXXX	Elite - 2706XXXX	Elite - 3006XXXX
900			
	890		
	Elite - 2409XXXX	Elite - 2708XXXX	Elite - 3009XXXX
1 200			
	1 190		
	Elite - 2412XXXX	Elite - 2712XXXX	Elite - 3012XXXX

INTERLOCKERS

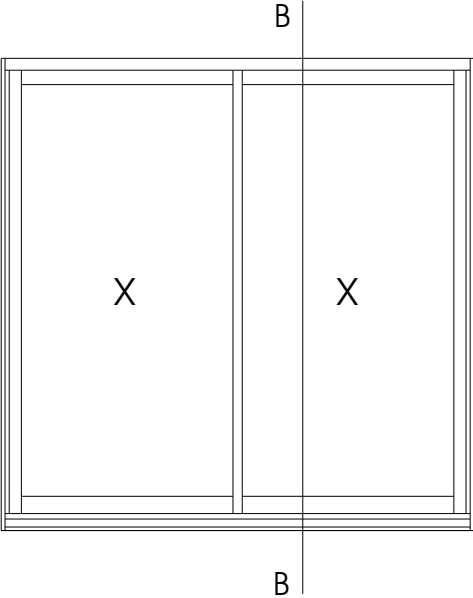


1 = INTERLOCKER
2 = INTERLOCKER

MEETING STILES

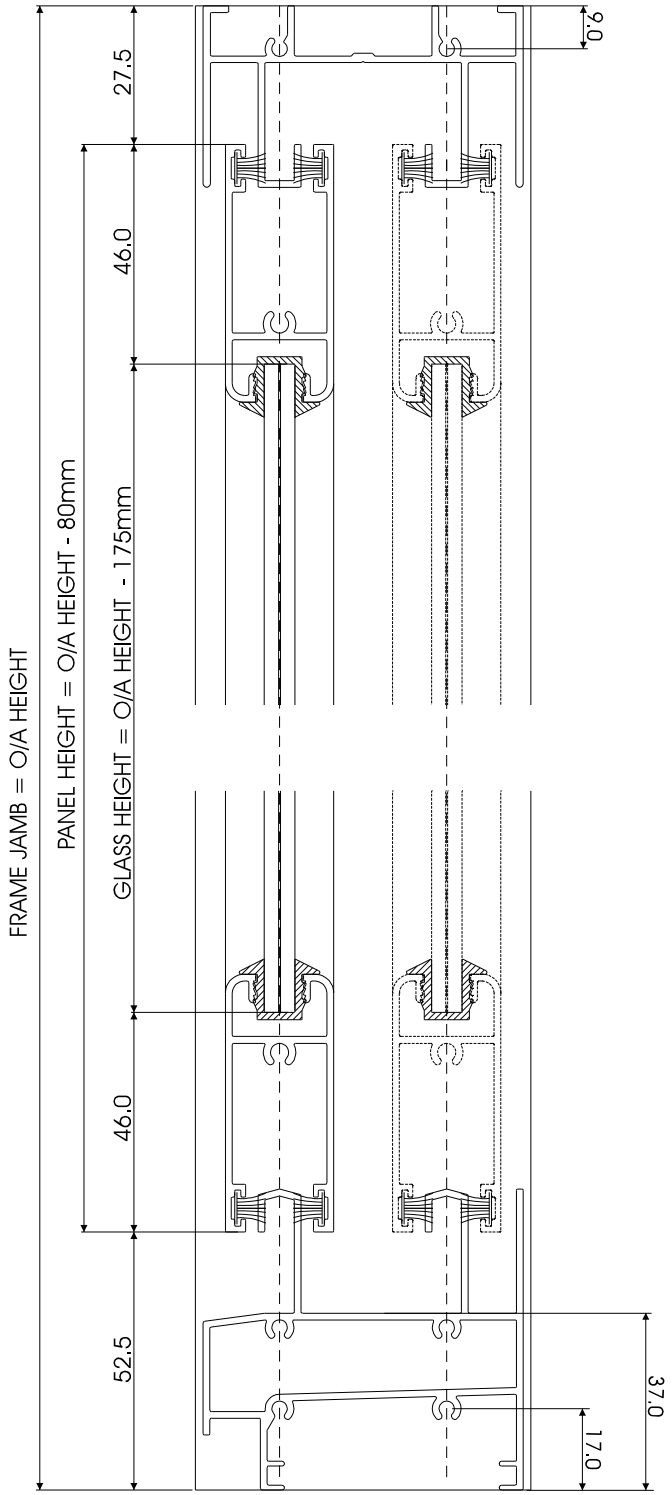


ELITE HORIZONTAL
SLIDING WINDOW SYSTEM
CROSS SECTIONAL DETAIL
SHOWING CUTTING SIZES



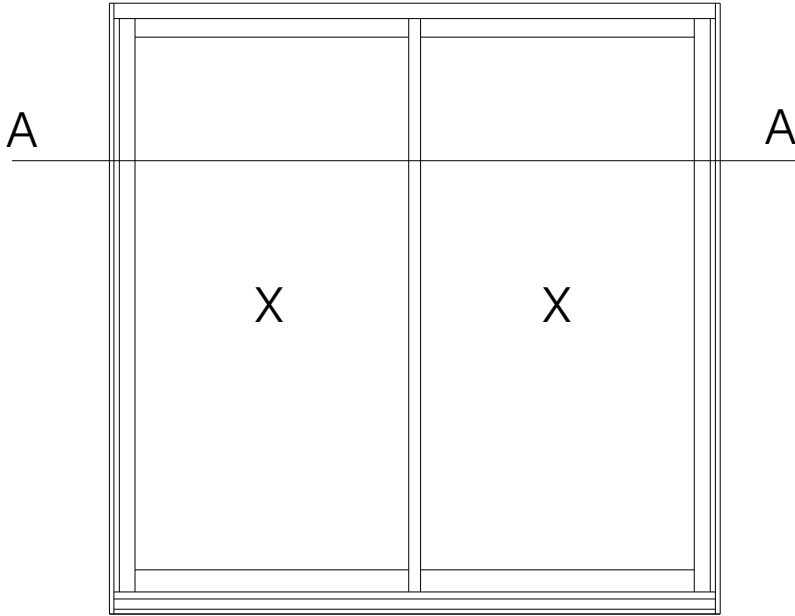
ELEVATION

OUTSIDE



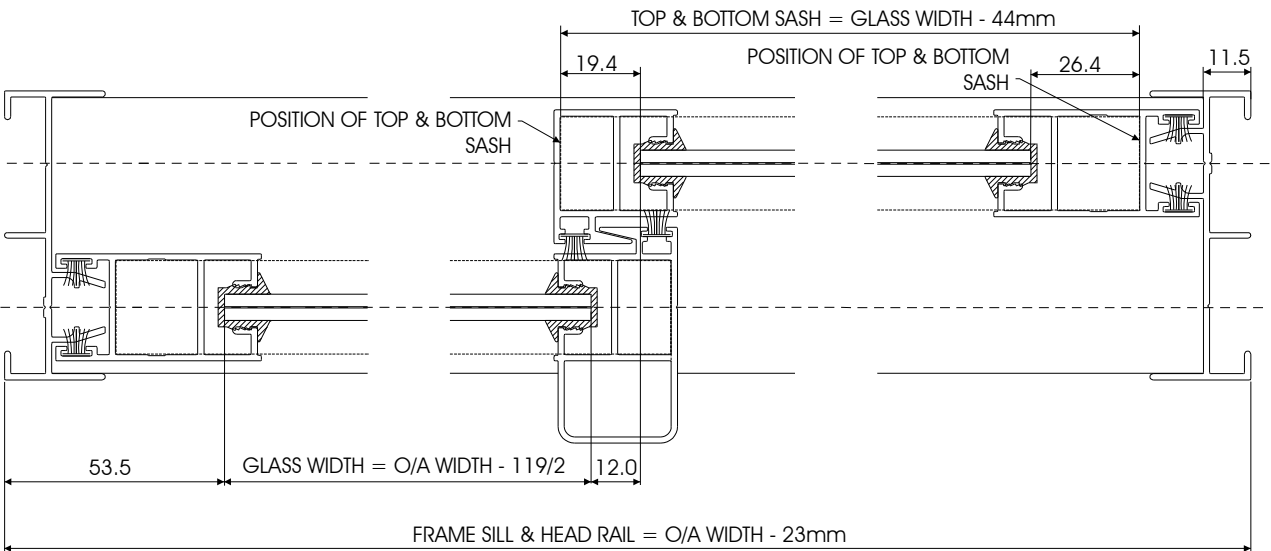
SECTION B-B

ELITE HORIZONTAL
SLIDING WINDOW SYSTEM
CROSS SECTIONAL DETAIL
SHOWING CUTTING SIZES



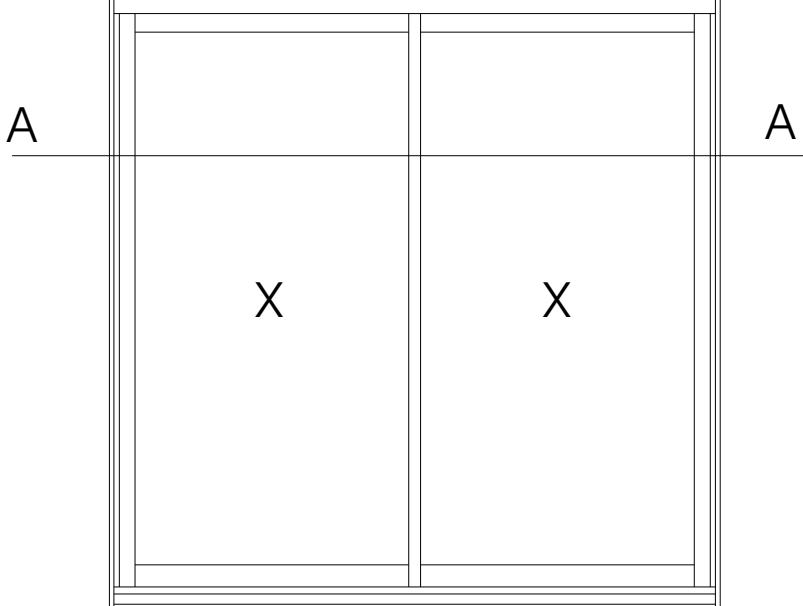
ELEVATION

SECTION A-A



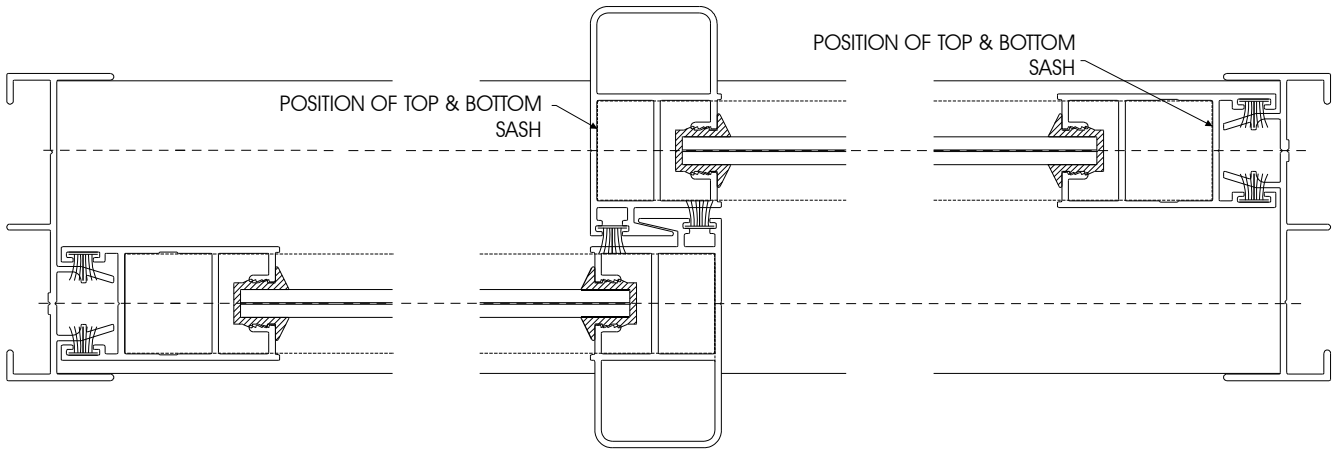
OUTSIDE

ELITE HORIZONTAL
SLIDING WINDOW SYSTEM
CROSS SECTIONAL DETAIL
SHOWING H/D INTERLOCKER



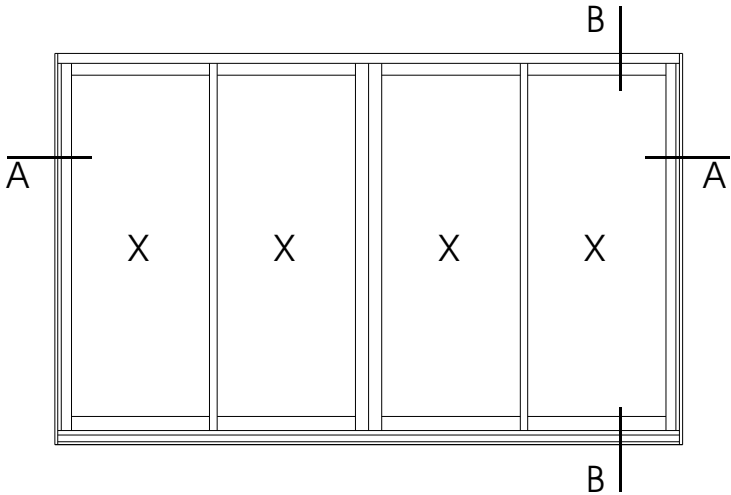
ELEVATION

SECTION A-A

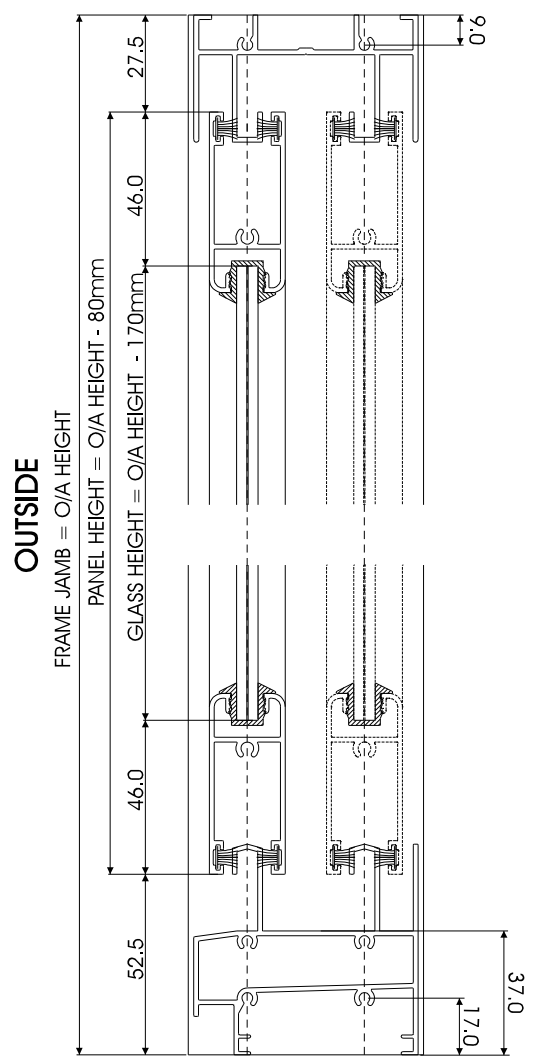


OUTSIDE

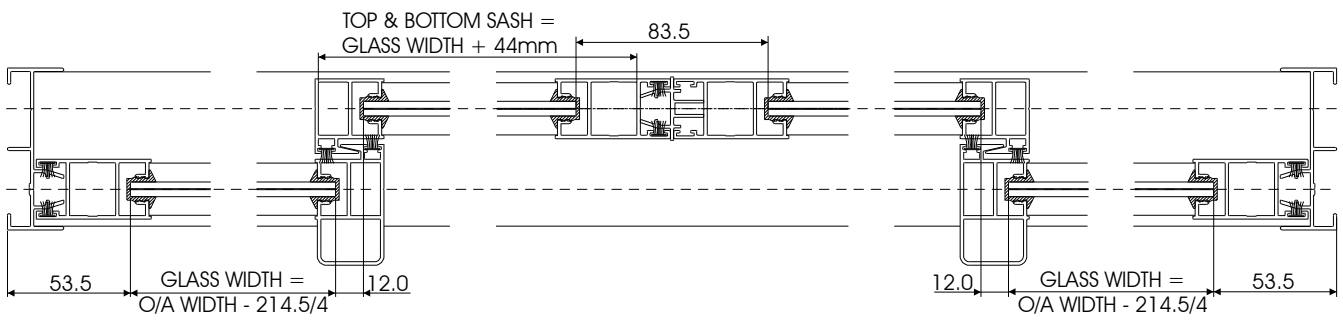
ELITE HORIZONTAL
SLIDING WINDOW SYSTEM
CROSS SECTIONAL DETAIL
SHOWING XXXX CONFIGURATION



SECTION B-B

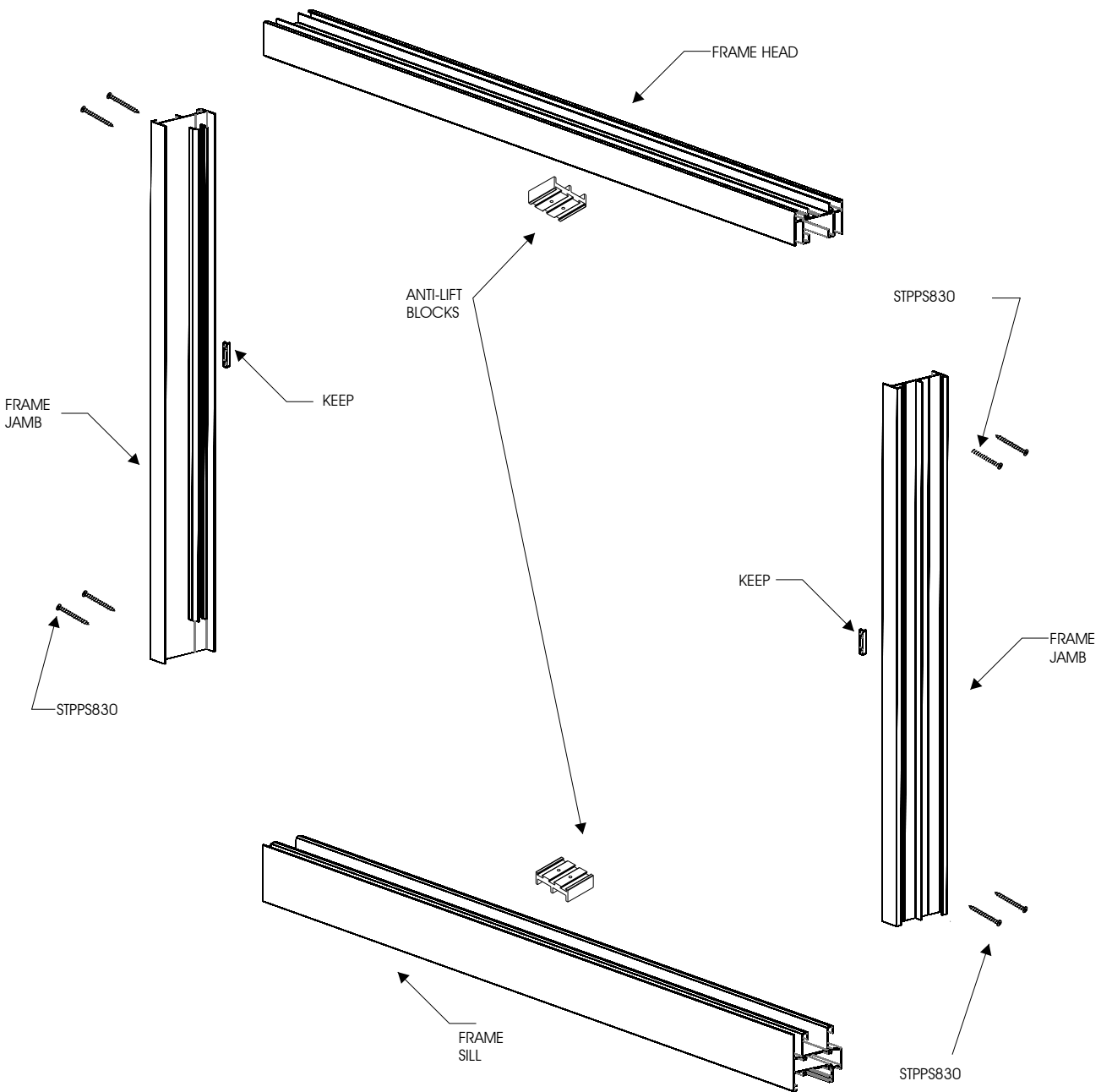


SECTION A-A

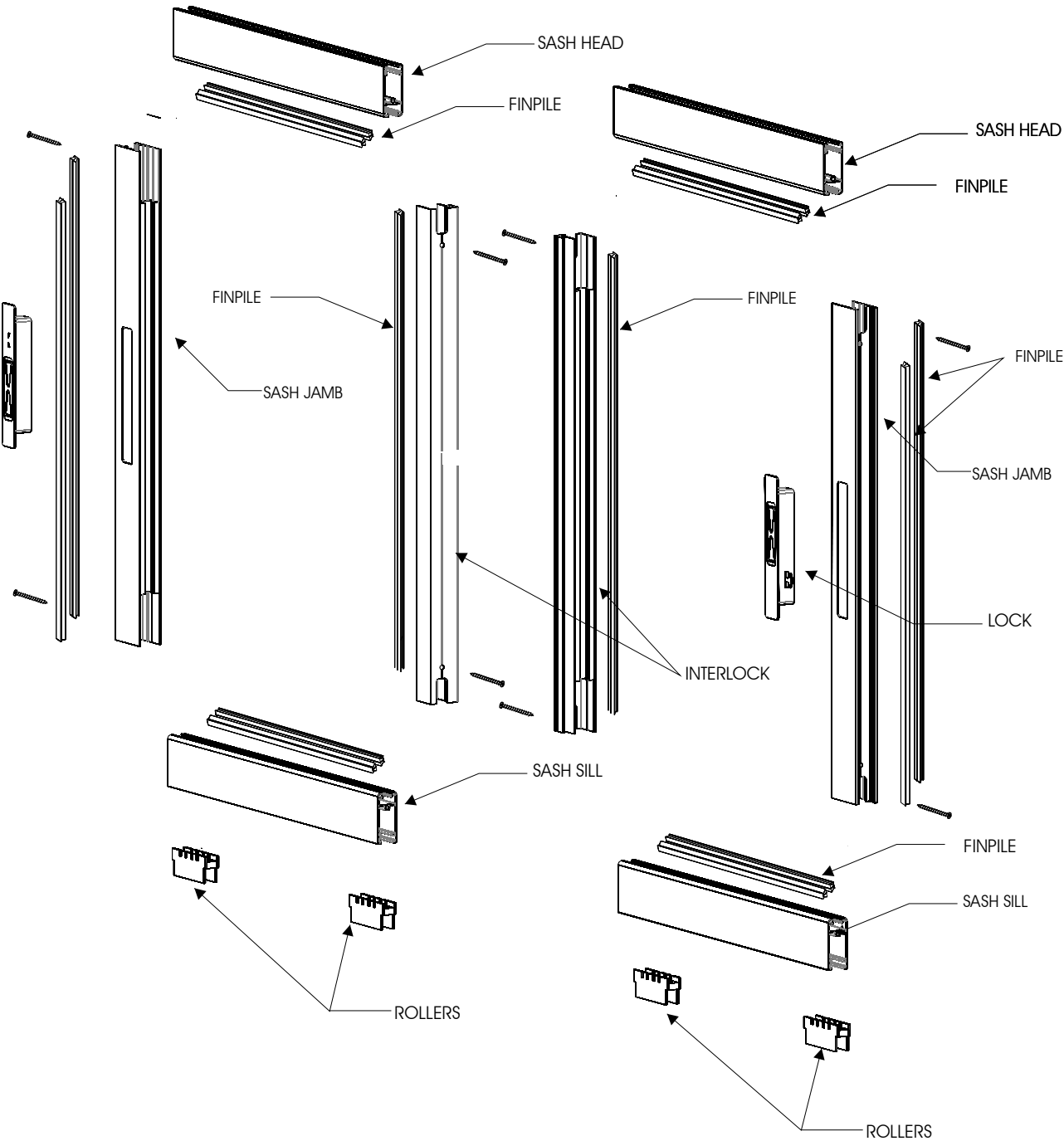


OUTSIDE

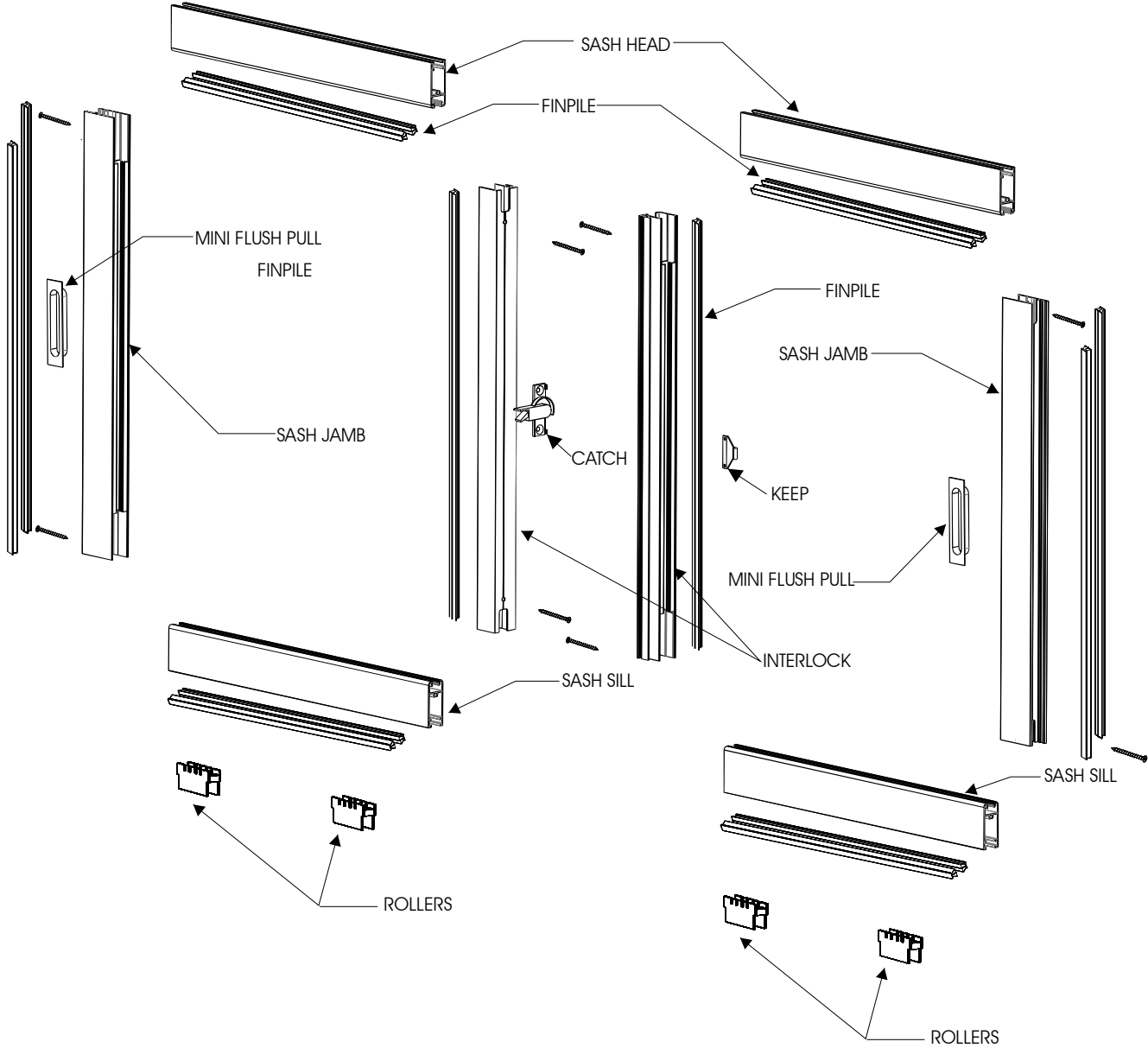
ELITE HORIZONTAL
SLIDING WINDOW SYSTEM
OUTER FRAME COMPONENT
ASSEMBLY DETAIL



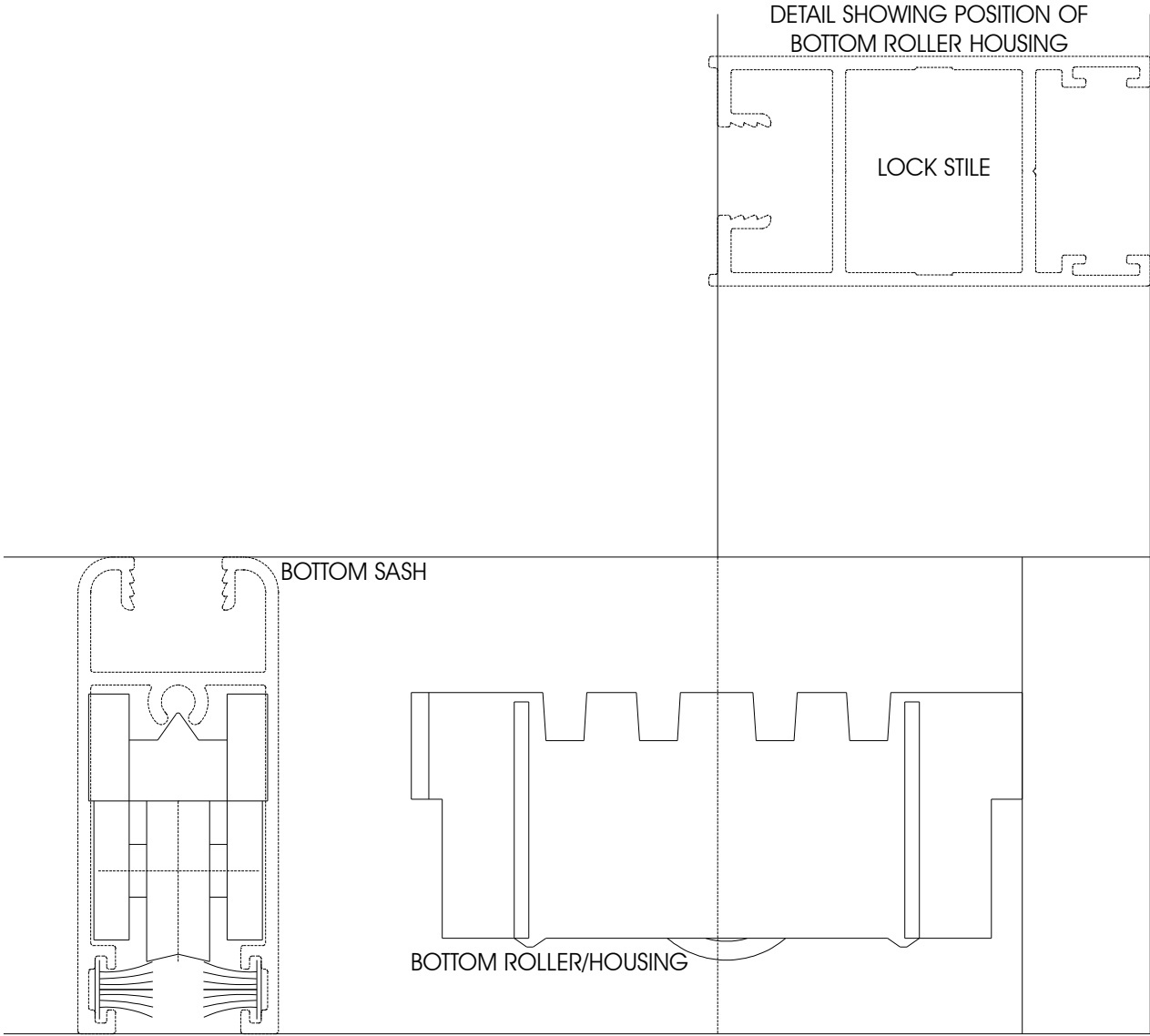
ELITE HORIZONTAL
SLIDING WINDOW SYSTEM
SASH FRAME COMPONENT
ASSEMBLY DETAIL
- WITH LOCK



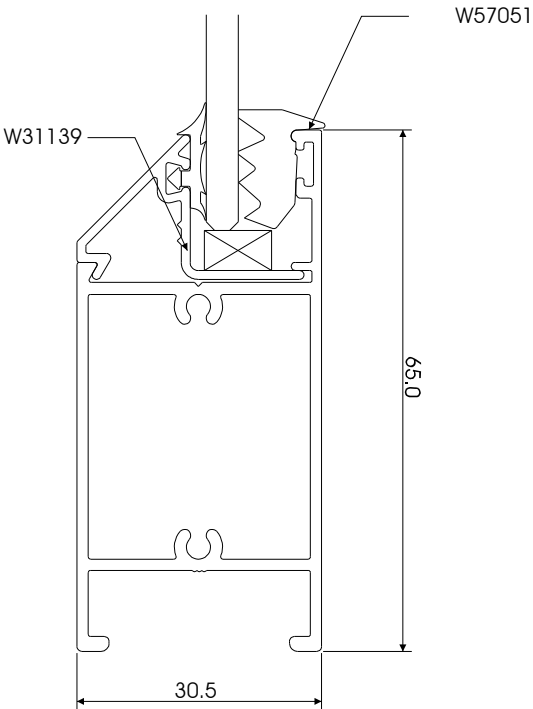
ELITE HORIZONTAL
SLIDING WINDOW SYSTEM
SASH FRAME COMPONENT
ASSEMBLY DETAIL
- WITH CATCH AND KEEP



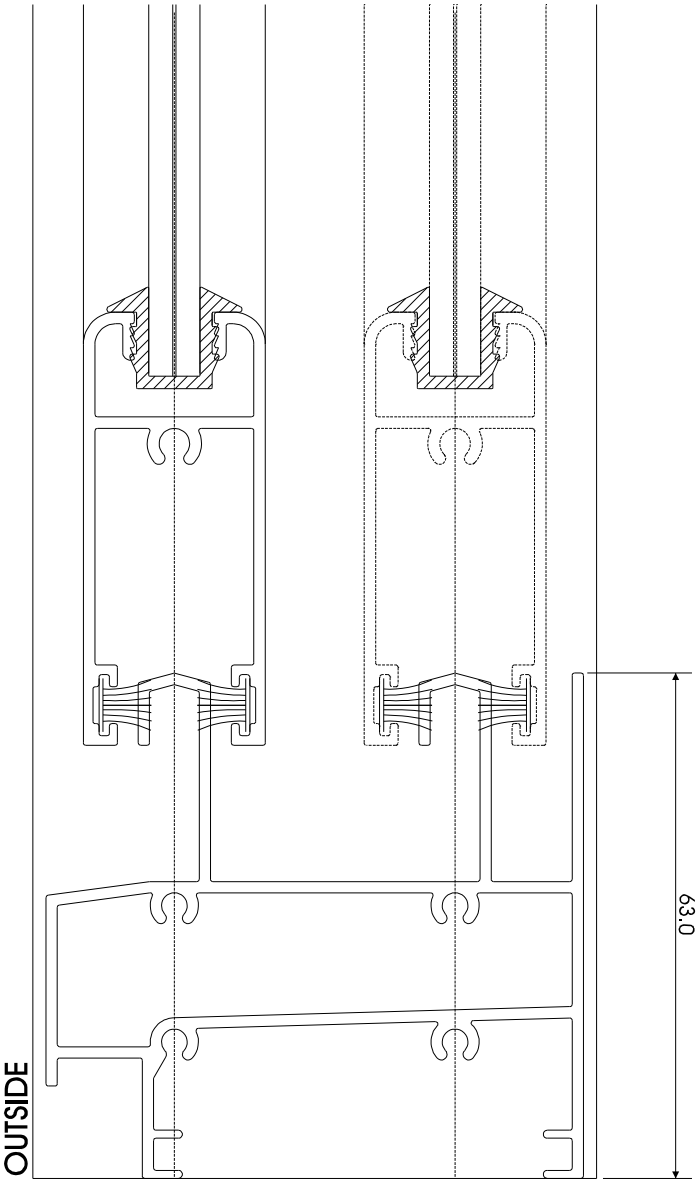
ELITE HORIZONTAL
SLIDING WINDOW SYSTEM
DETAIL OF BOTTOM ROLLER



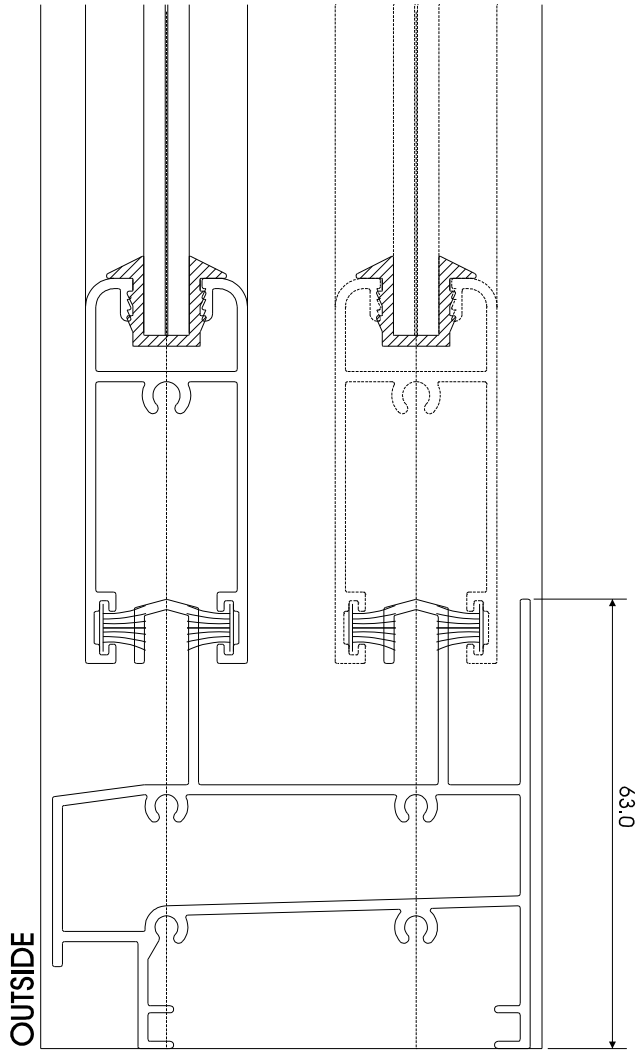
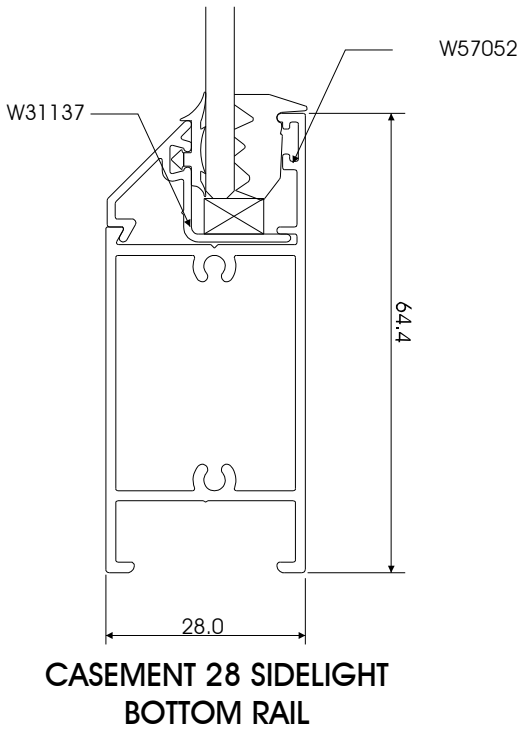
ELITE HORIZONTAL
SLIDING WINDOW SYSTEM
SIDELIGHT BOTTOM RAIL
FOR CASEMENT 30.5



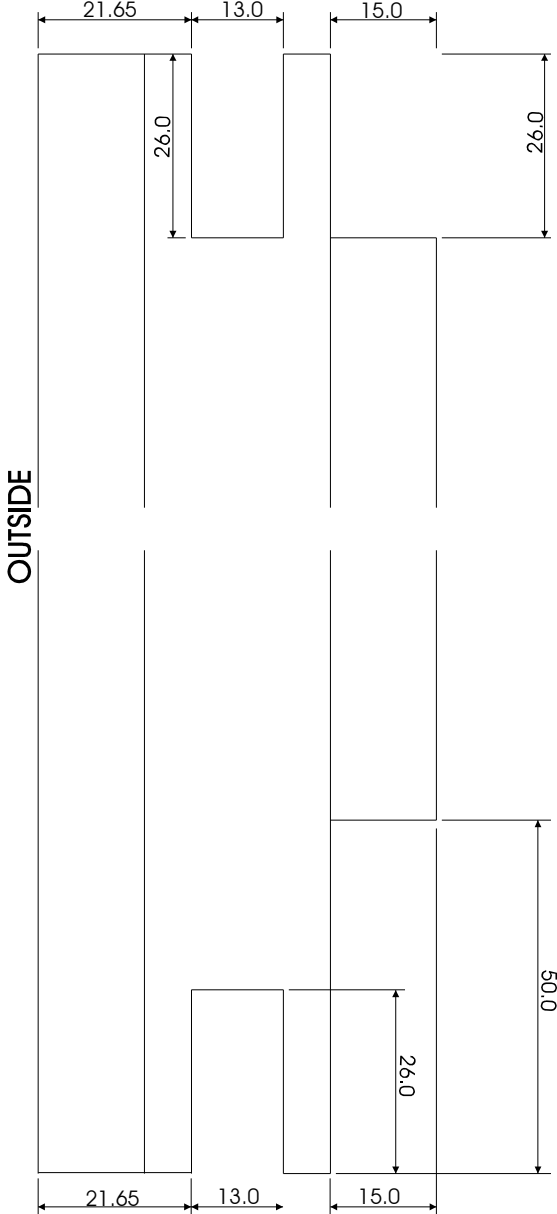
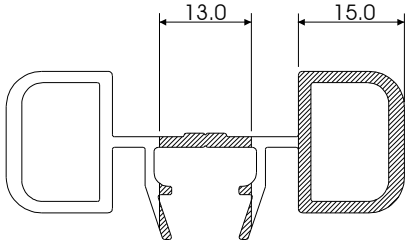
CASEMENT 30.5 SIDELIGHT
BOTTOM RAIL



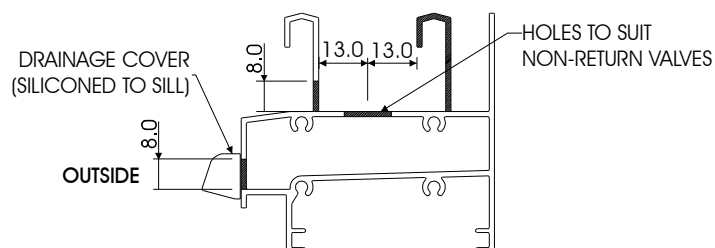
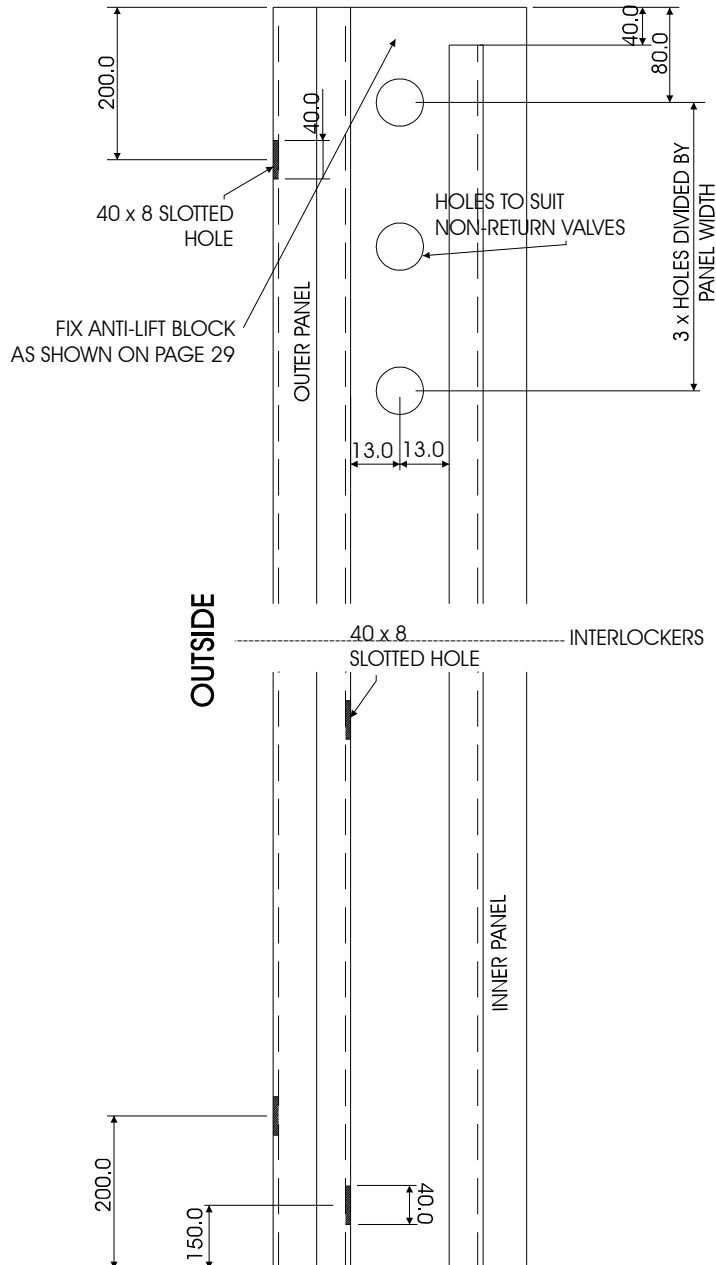
ELITE HORIZONTAL
SLIDING WINDOW SYSTEM
SIDE LIGHT BOTTOM RAIL
FOR CASEMENT 28



ELITE HORIZONTAL
 SLIDING WINDOW SYSTEM
 MEETING STILE
 MACHINING DETAIL



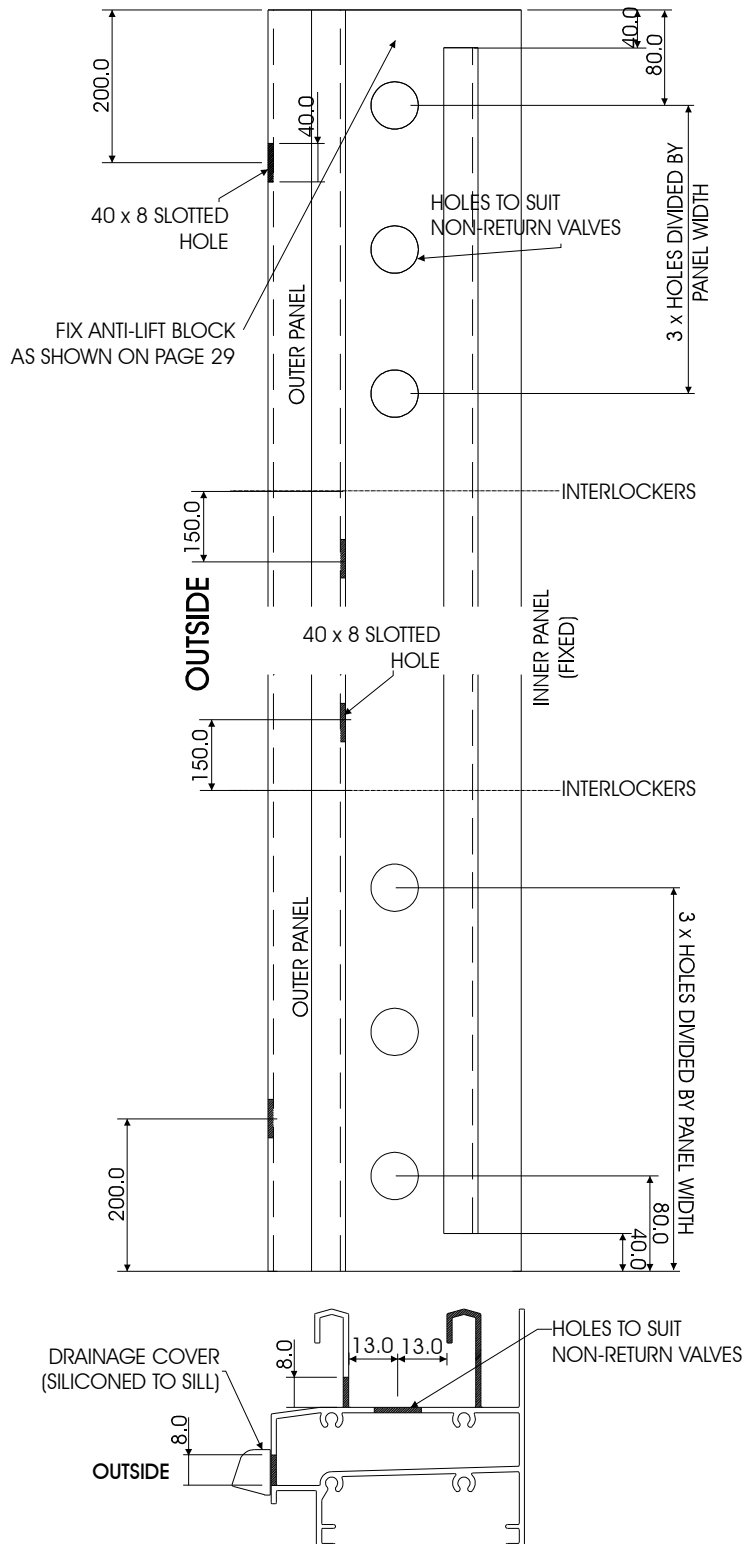
ELITE HORIZONTAL SLIDING WINDOW SYSTEM MACHINING DETAIL FOR SILL DRAINAGE



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

DRAINAGE FOR XX CONFIGURATION

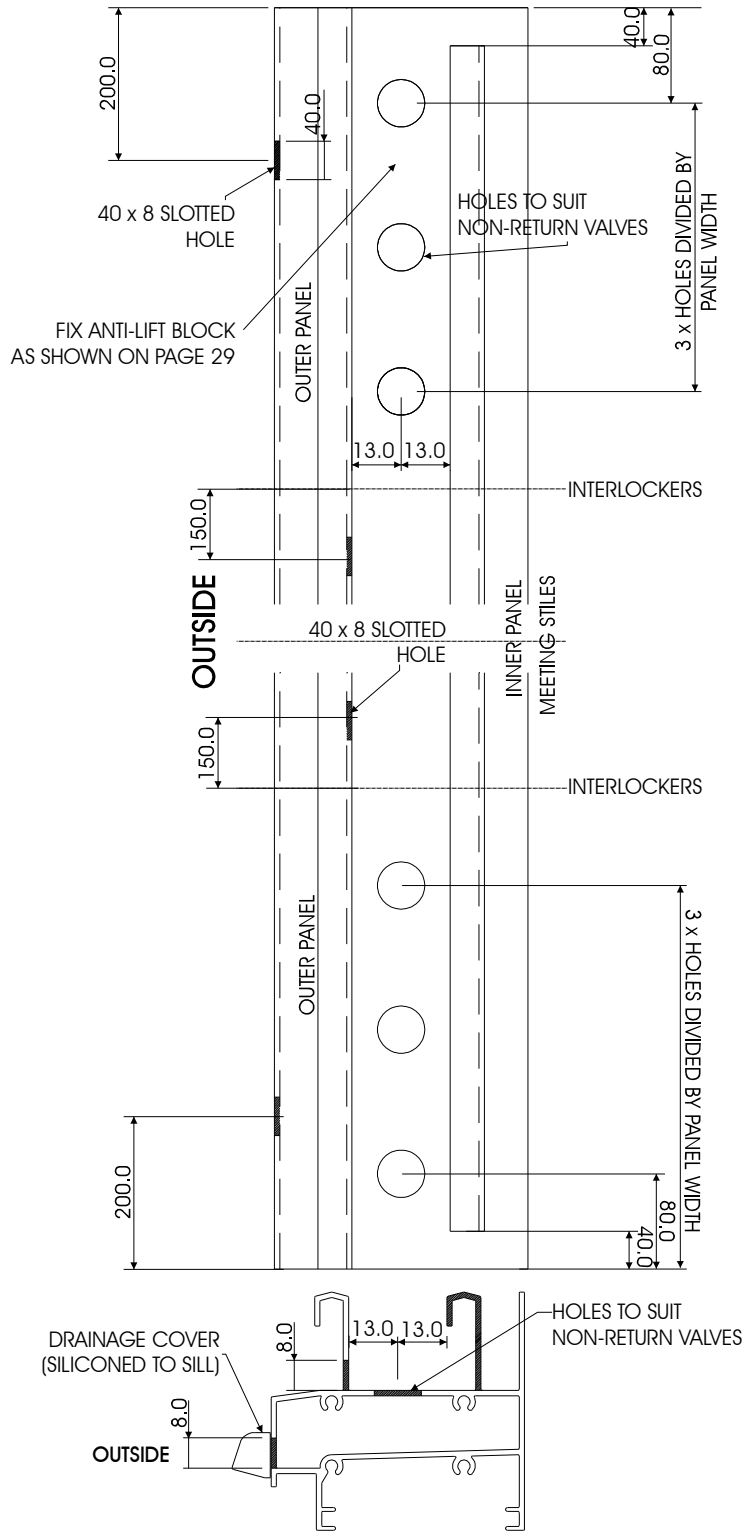
ELITE HORIZONTAL SLIDING WINDOW SYSTEM MACHINING DETAIL FOR SILL DRAINAGE



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

DRAINAGE FOR XOX CONFIGURATION

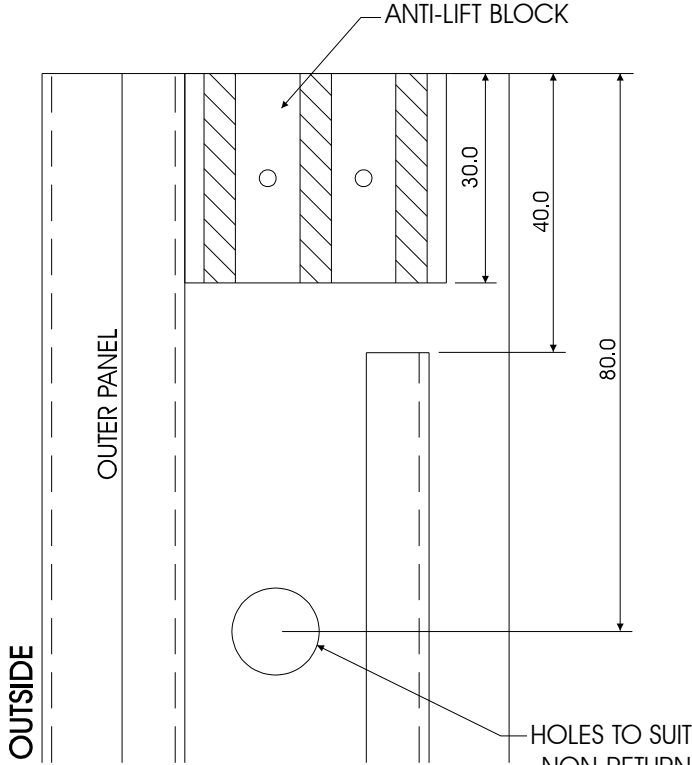
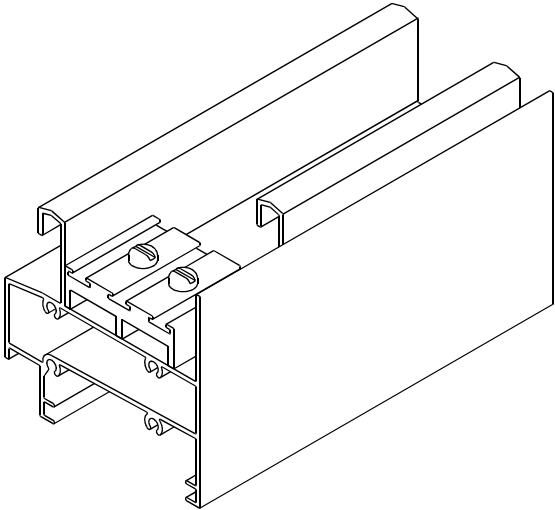
ELITE HORIZONTAL SLIDING WINDOW SYSTEM MACHINING DETAIL FOR SILL DRAINAGE



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

DRAINAGE FOR OXO CONFIGURATION

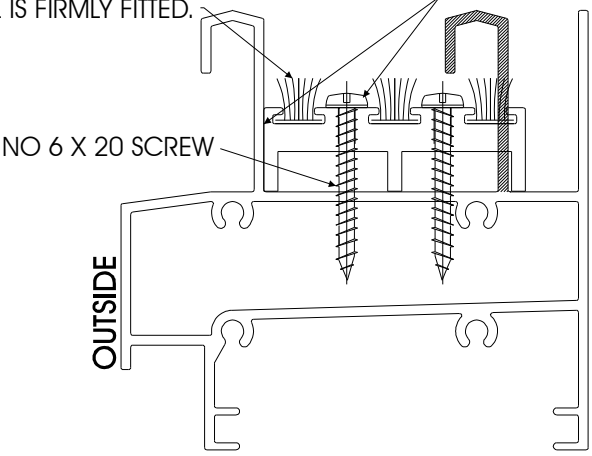
ELITE HORIZONTAL
SLIDING WINDOW SYSTEM
MACHINING DETAIL
FOR SILL DRAINAGE



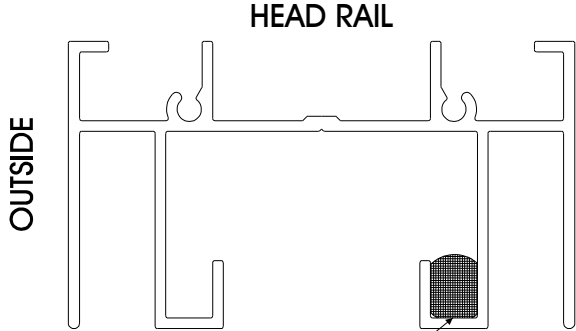
FIT FP67900300FG FINSEAL ONTO ANTI-LIFT BLOCKS,
ENSURE FINSEAL IS FIRMLY FITTED.

SILICONE SEALANT TO BE APPLIED
TO ALL MECHANICAL JOINTS

HOLES TO SUIT
NON-RETURN
VALVES

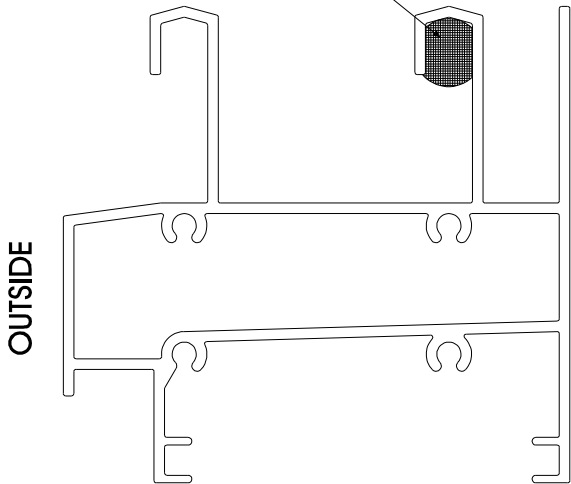


ELITE HORIZONTAL
SLIDING WINDOW SYSTEM
ASSEMBLY OF
HEAD & SILL RAIL



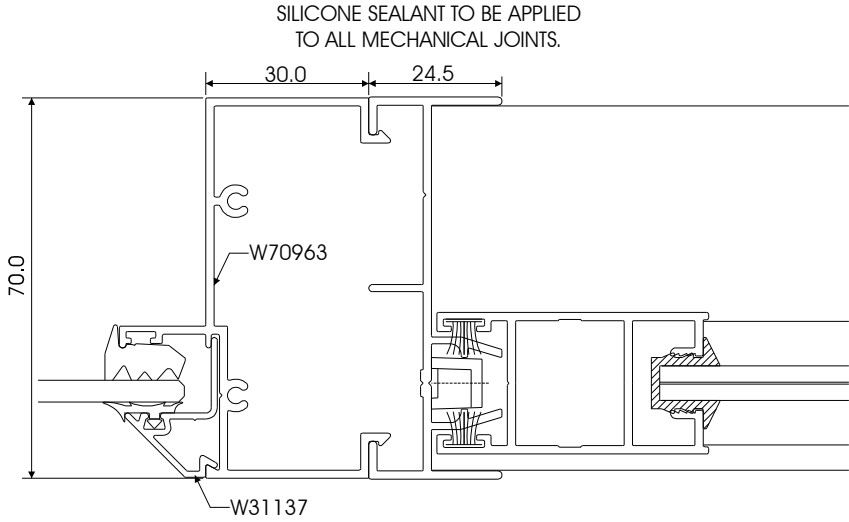
FIT DIA. 1.2mm POLYCORD (FROM SONDOR) OR EQUIVALENT
(ABOUT 100mm LONG)
TO CENTRE OF FRAME SILL & HEAD RAIL AS SHOWN
OR AT POSITION OF INTERLOCKERS

FIT DIA. 1.2mm POLYCORD (FROM SONDOR) OR EQUIVALENT
(ABOUT 100mm LONG)
TO CENTRE OF FRAME SILL & HEAD RAIL AS SHOWN
OR AT POSITION OF INTERLOCKERS



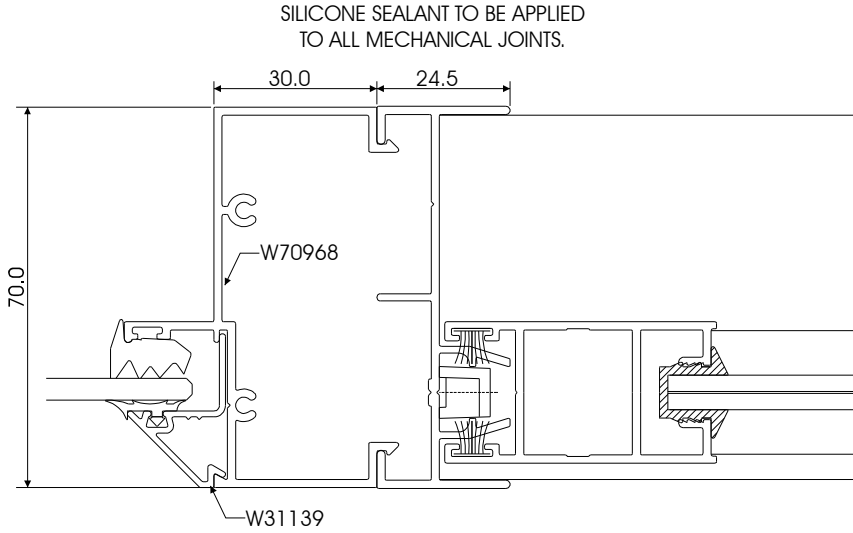
FRAME SILL

ELITE HORIZONTAL
SLIDING WINDOW SYSTEM
ASSEMBLY OF
SIDE LIGHT ADAPTOR
FOR CASEMENT 28



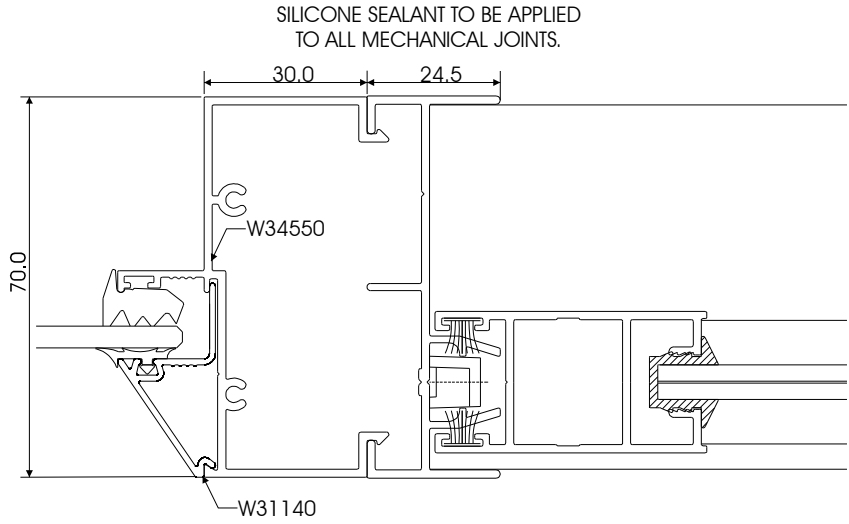
SIDELIGHT COMBO FOR CASEMENT 28

ELITE HORIZONTAL
SLIDING WINDOW SYSTEM
ASSEMBLY OF
SIDE LIGHT ADAPTOR
FOR CASEMENT 30.5



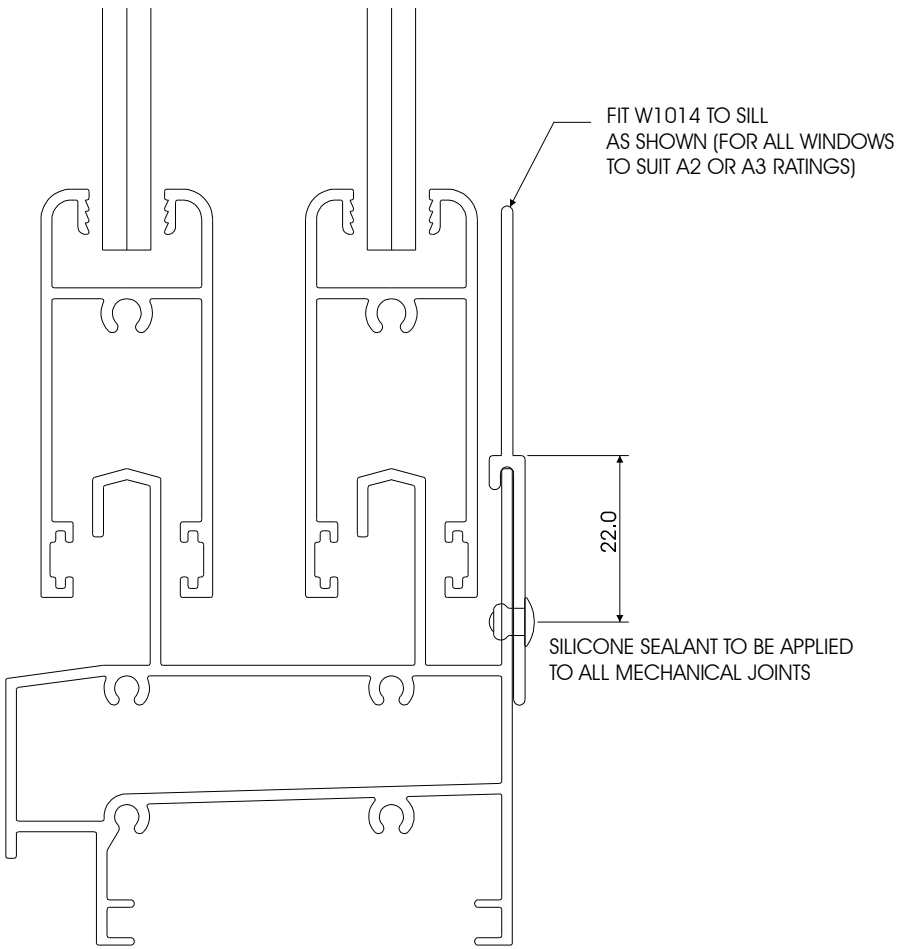
SIDELIGHT COMBO FOR CASEMENT 30.5

ELITE HORIZONTAL
SLIDING WINDOW SYSTEM
ASSEMBLY OF
SIDE LIGHT ADAPTOR
FOR CASEMENT 38

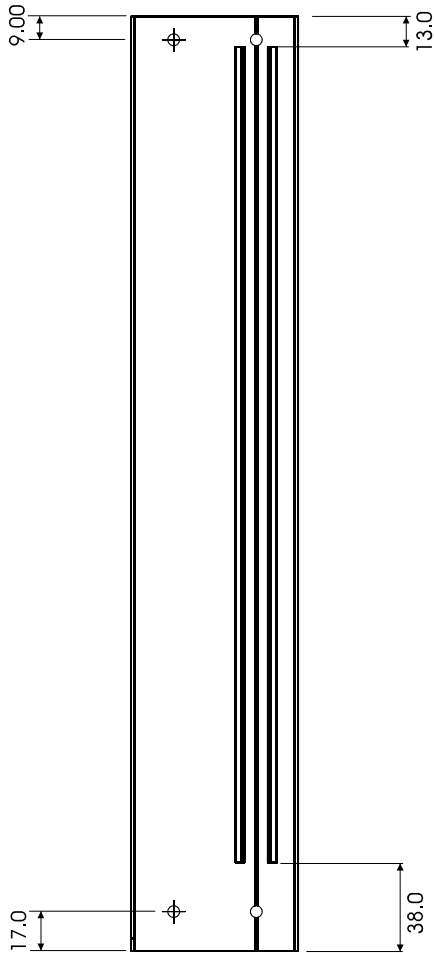


SIDELIGHT COMBO FOR CASEMENT 38

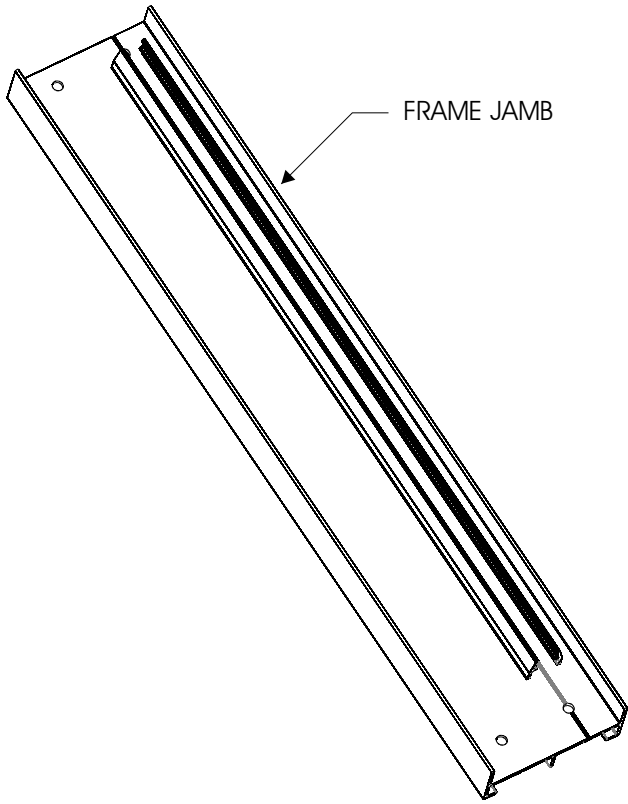
ELITE HORIZONTAL
SLIDING WINDOW SYSTEM
FITTING OF SILL EXTENSION
FOR A2 & A3



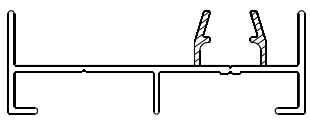
ELITE HORIZONTAL
SLIDING WINDOW SYSTEM
JAMB RAIL
MACHINING DETAIL



TOP VIEW

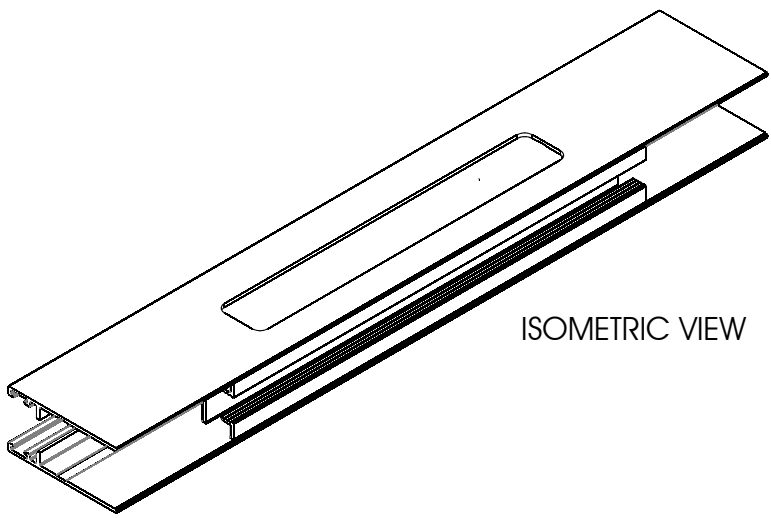


N.B:
A NEUTRAL SEALANT SHOULD BE APPLIED TO THE PROFILE ENDS OF THE CILL AND HEAD RAILS ON ASSEMBLY TO PROVIDE A GOOD SEAL ON THE OUTER FRAME BUTT JOINTS.
(ENSURE THAT SEALANT USED IS NON-CORROSIVE)

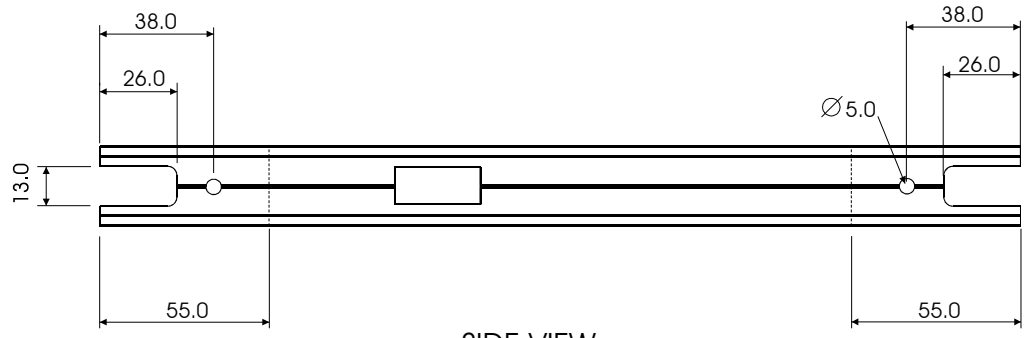
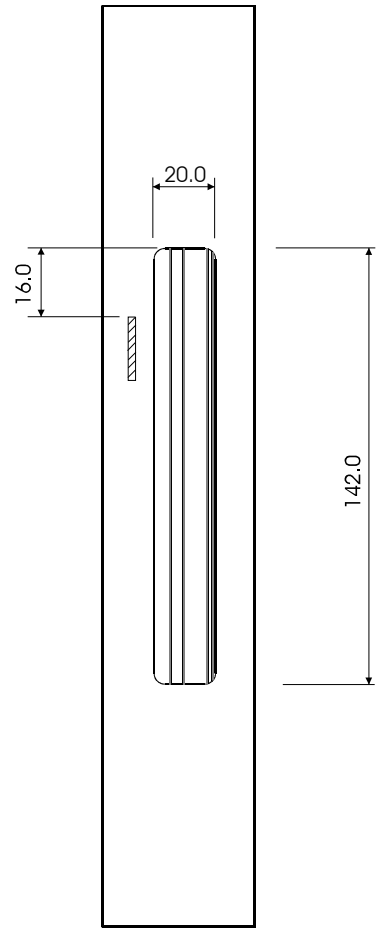
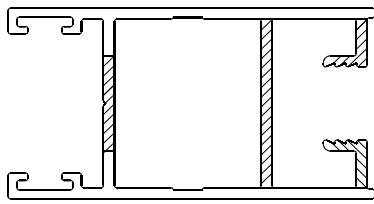


SECTION VIEW

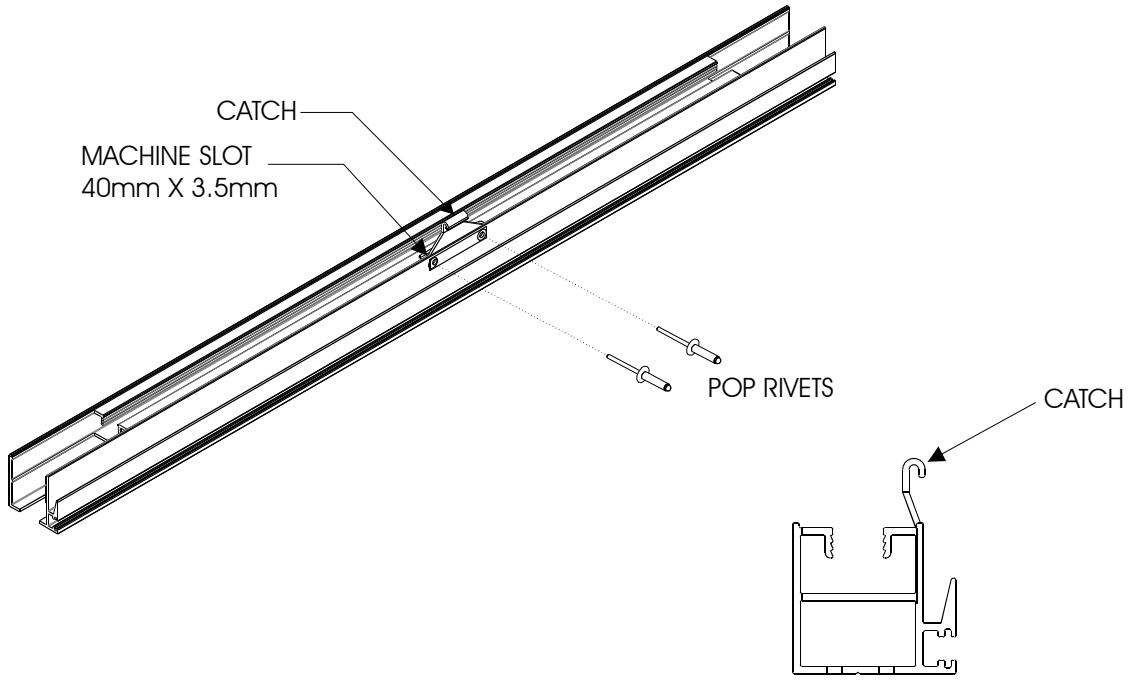
ELITE HORIZONTAL
SLIDING WINDOW SYSTEM
LOCK STILE
MACHINING DETAIL



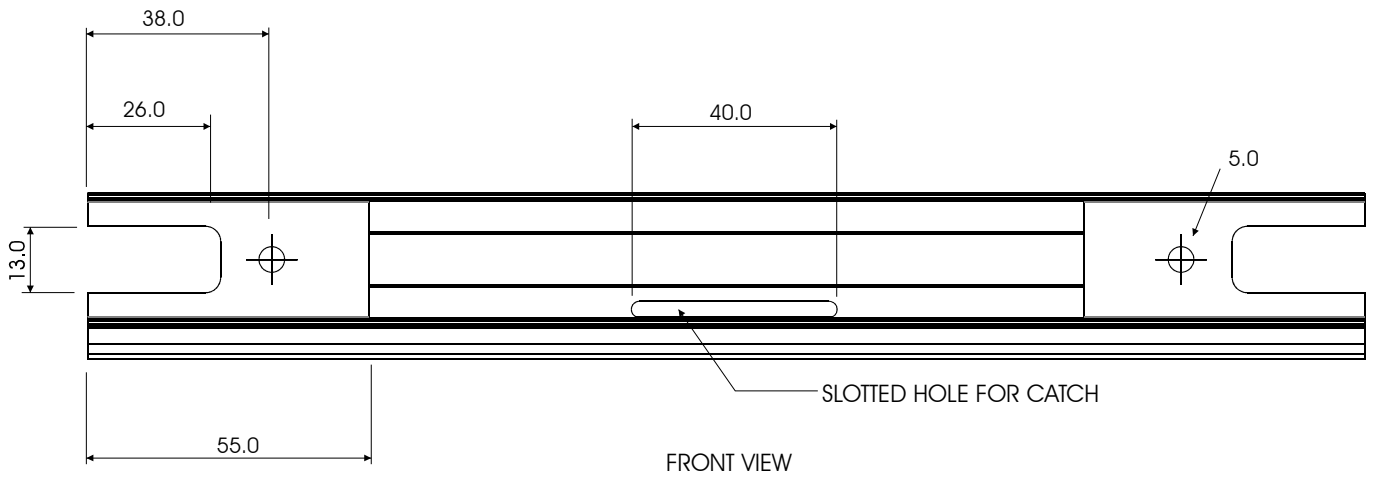
SASH JAMB



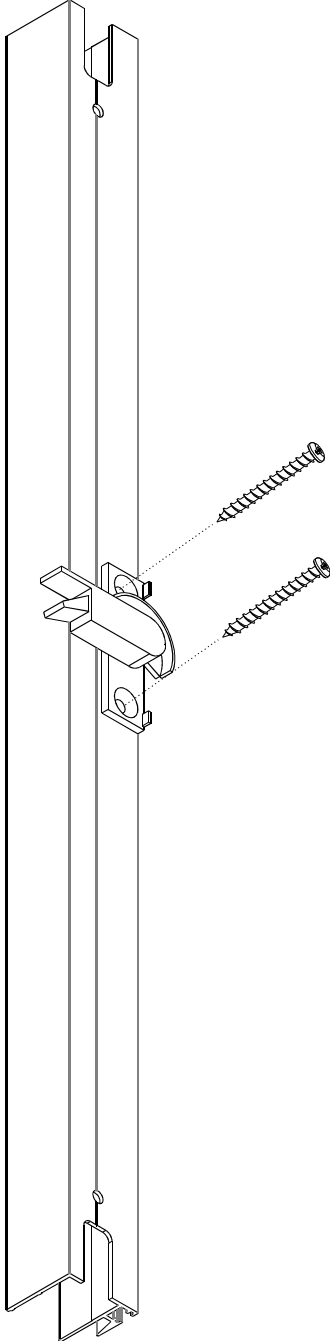
ELITE HORIZONTAL
SLIDING WINDOW SYSTEM
INTERLOCK
MACHINING DETAIL



SECTION VIEW

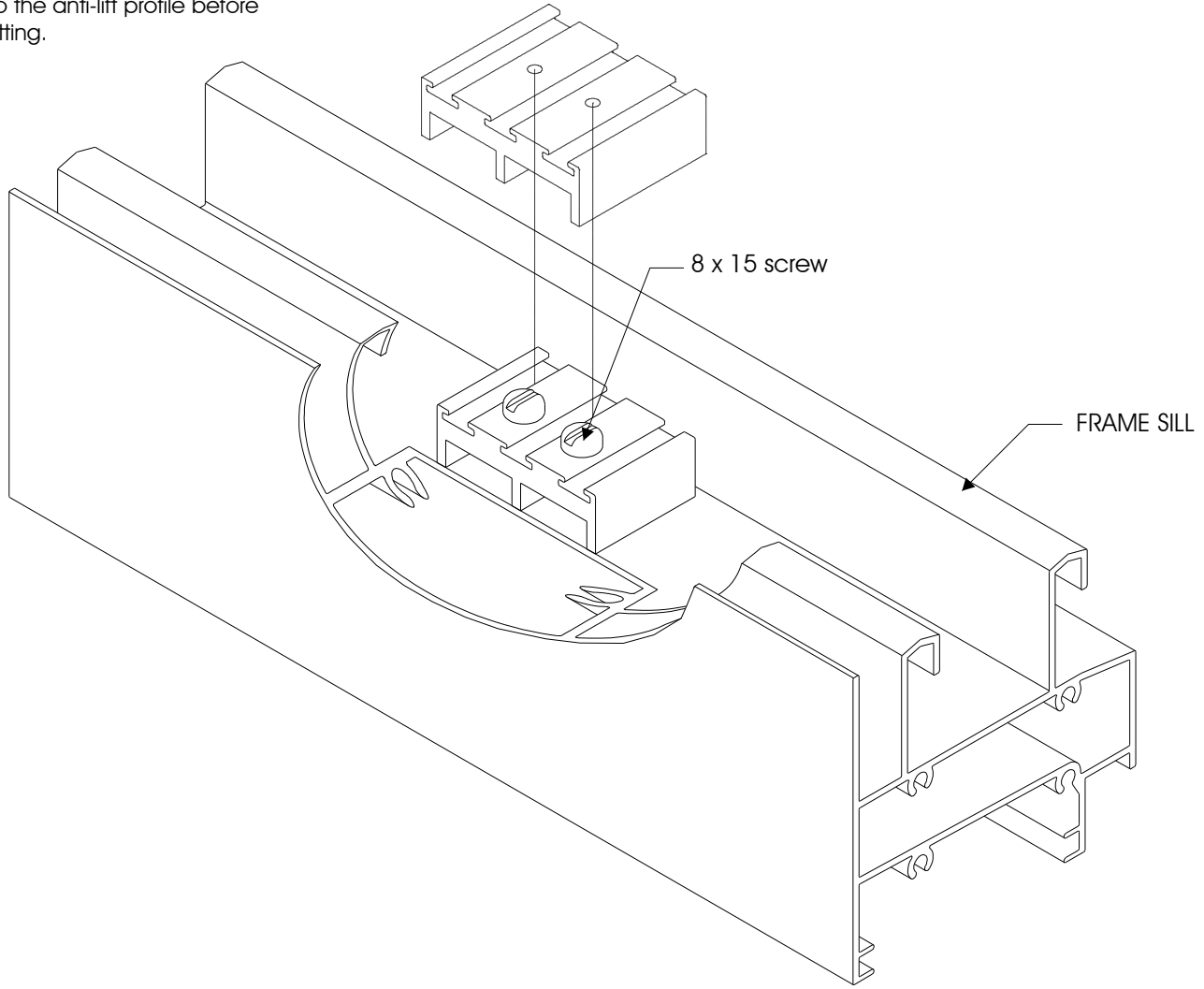


ELITE HORIZONTAL
SLIDING WINDOW SYSTEM
LATCH ASSEMBLY DETAIL



ELITE HORIZONTAL
SLIDING WINDOW SYSTEM
ANTI LIFT BLOCK
ASSEMBLY DETAIL

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.

ELITE HORIZONTAL SLIDING WINDOW SYSTEM SETTING BLOCK LOCATION

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.

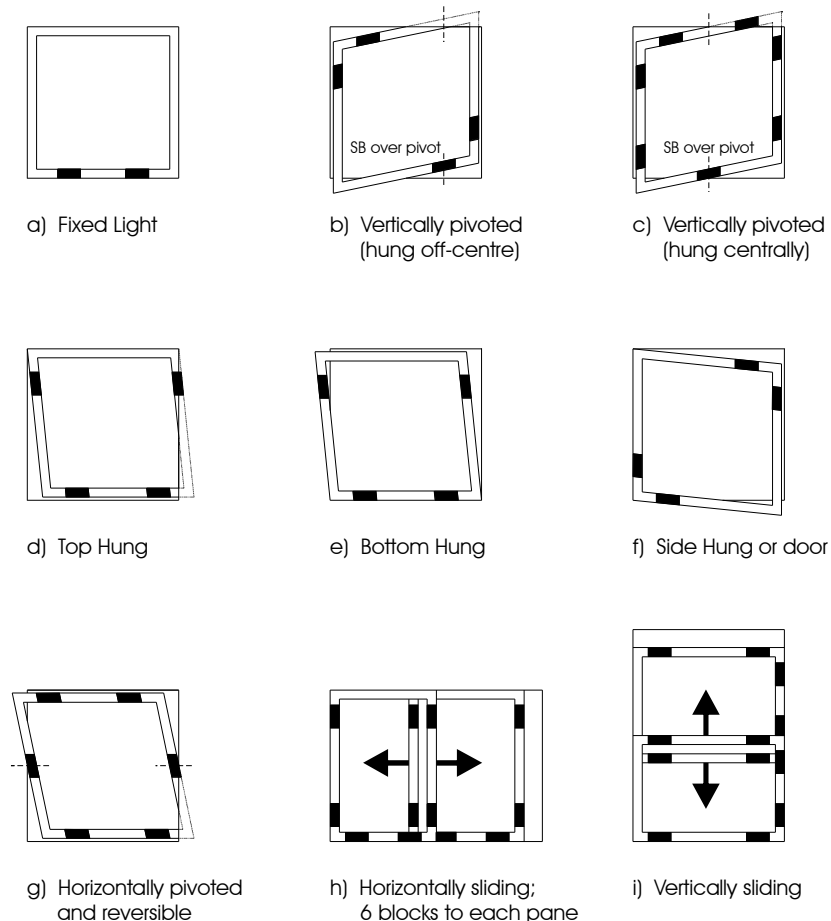


FIGURE 2 - POSITION OF SETTING AND LOCATION BLOCKS