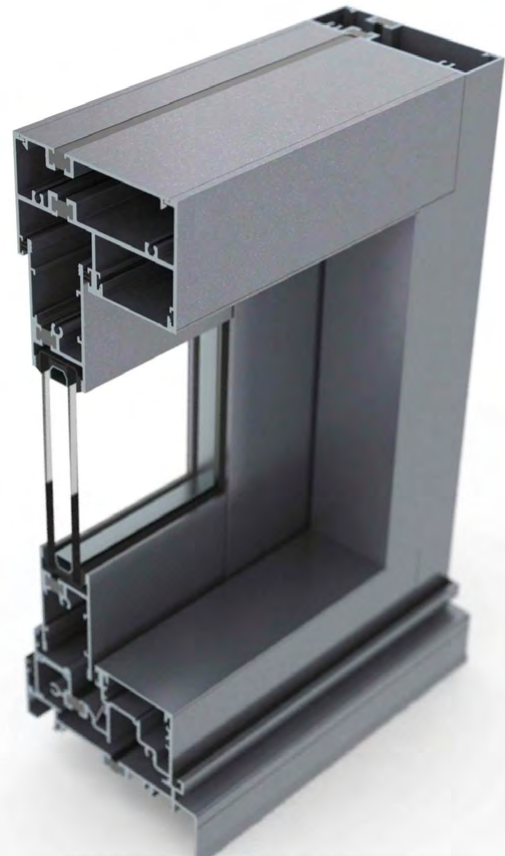


Max™ SLIDING DOOR
Max Framing Systems: MSLIDDOOR - 1

MAX™ Sliding Door



FEATURES:

- 100 & 150 x 50mm Outer Frame
- 44mm Flat Sill minimizes trip hazard
- Optional 50mm Sump Sill
- Optional Low Profile Sill
- Optional External Slide Sill
- 38mm thick door stiles
- 50mm Face dimension on door stiles
- Standard fixed & sliding door leave design
- Alternative Glaze in Frame Fixedlight option for reduced sightlines
- Standard 60mm Rail, can also be used as a Midrail
- Alternative 100mm Deep Rail / Midrail
- Replaceable track
- Rail splice to improve torsional strength
- Single Glaze accepts 6 - 12.76mm Glass
- Accepts 20mm to 24mm IGU's
- Accepts commercial mortice & Euro locks
- Accepts residential locks
- 100 frame suited to 100 Centre Glaze framing
- 150 frame suited to 150 Offset Glaze framing
- Plain Frame option for jambs
- Accessible drain slots for maintenance
- XO, XX, OXO, OXXO configurations in 100 Frame
- XXO, OXXXXO configurations in 150 Frame
- Up to 5 tracks allows more configurations
- Adaptable to cavity door applications
- Flydoor options up to OXXXXO
- Large 35mm diameter precision ground rollers for ease of operation (180kg rated)

FABRICATION:

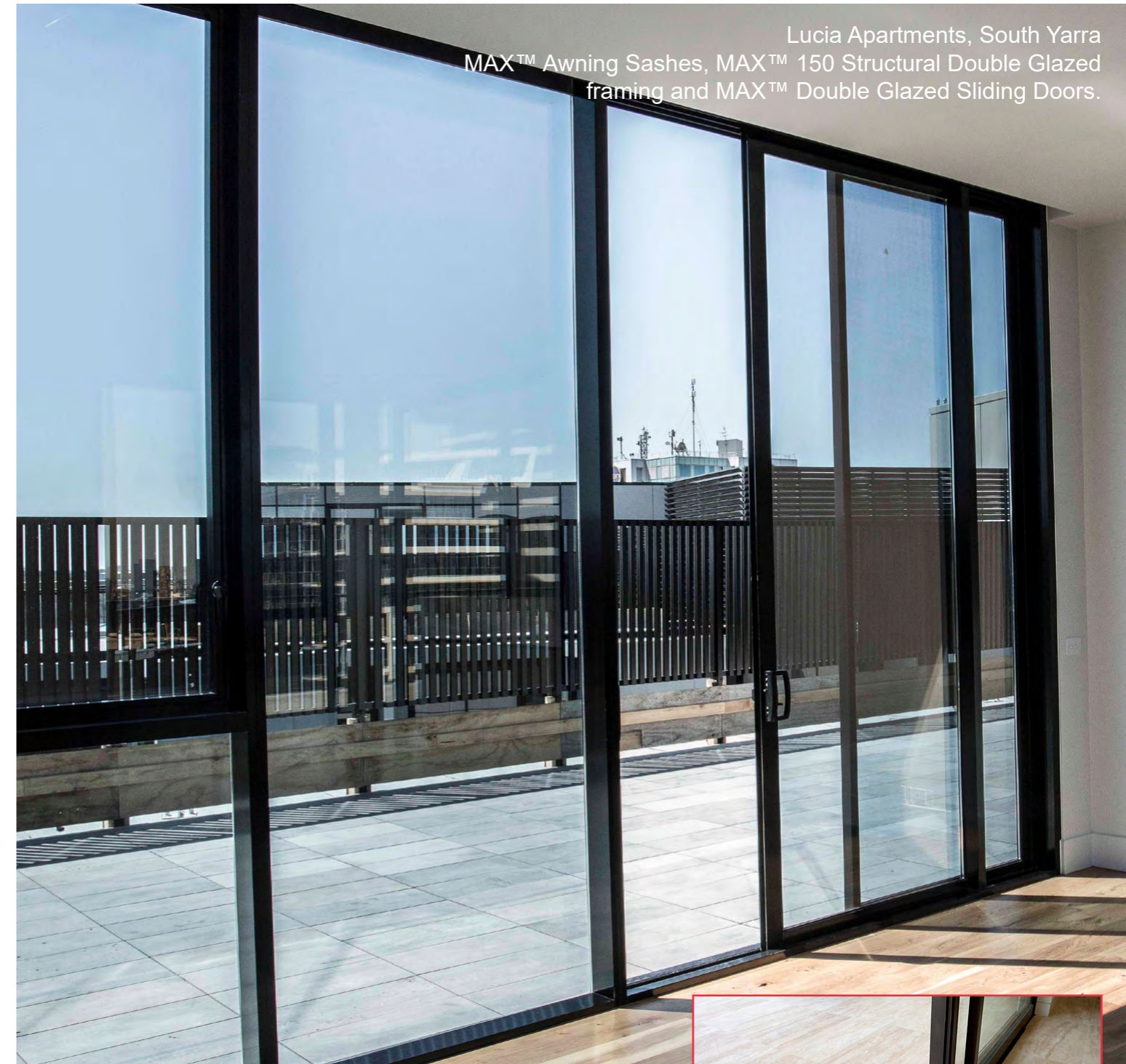
- Square cut manufacture
- Simple panelized assembly

PRODUCT APPLICATIONS:

- High end residential applications
- Apartments

LIMITATIONS:

- Recommended Maximum panel height 3000, subject to structural limits (refer structural tables)
- 1500 panel width
- Maximum 150kg per panel.



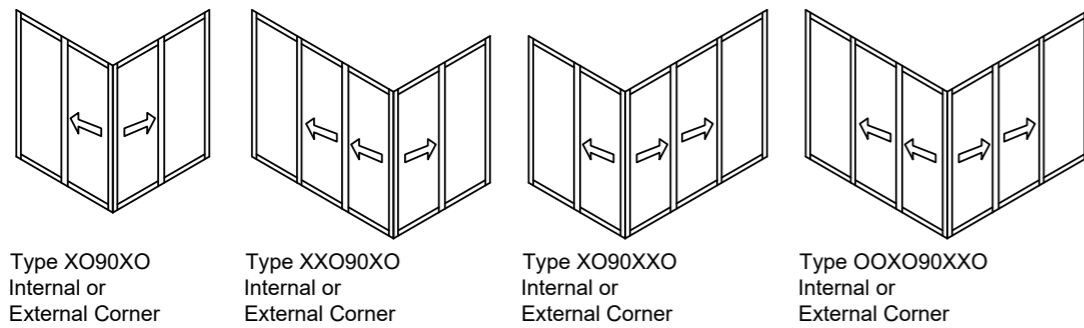
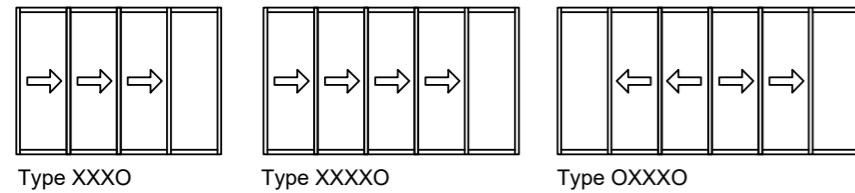
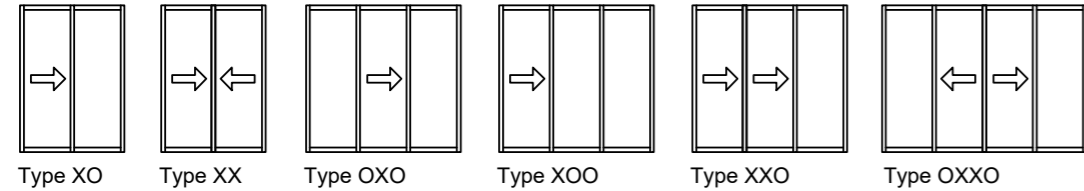
Lucia Apartments, South Yarra
MAX™ Awning Sashes, MAX™ 150 Structural Double Glazed framing and MAX™ Double Glazed Sliding Doors.



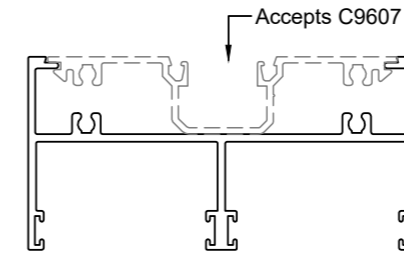
Max™ SLIDING DOOR
Max Framing Systems: MSLIDDOOR - 2
Sliding Door Configurations

Typical configurations are depicted below from 2 to 6 panel door.
Many more panel configurations are available using multi track options
Generally doors are limited to:

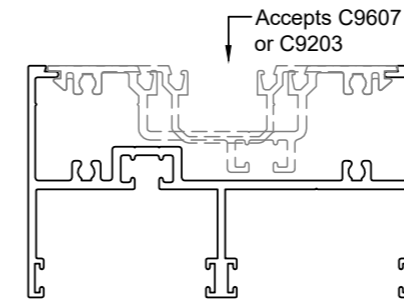
- Maximum Height: 3000
- Maximum Panel Width: 1500
- Maximum weight per leaf: 150kg limited by the hardware
- Rollers rated to 180kg but operating force of any panel this weight should be considered
- Panel Height should be no greater than 2.5 times panel width



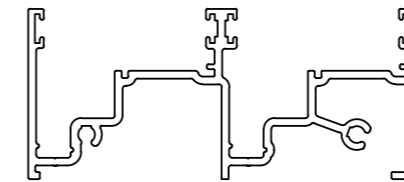
Extrusion ID



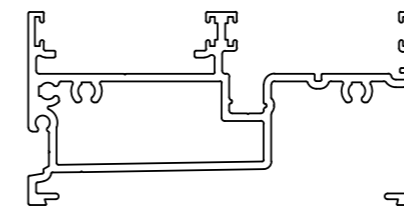
C9650
100 x 50 Head & Jamb



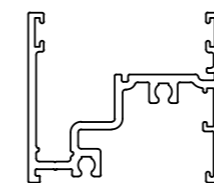
C9350
100 x 60 Jamb / Head / Transom
Adapts to all pocketed fillers as
sidelights or highlights



C9651
100 x 44 Sill

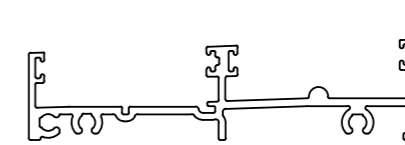


C9654
100 x 50 FG Sump Sill



C9370
44mm Plant on Sill &
Screen Track

C9662
Low Profile Threshold



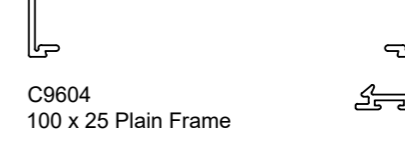
C9660
100 x 25 Low Profile Sill



C9657
100 Ext Threshold



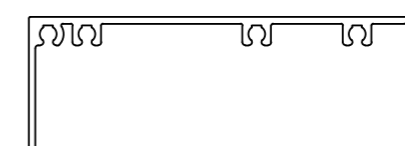
C9656
100 x 60 Ext Sill



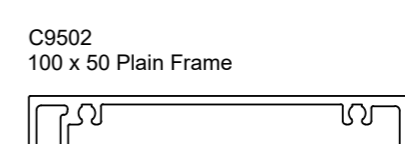
C9604
100 x 25 Plain Frame



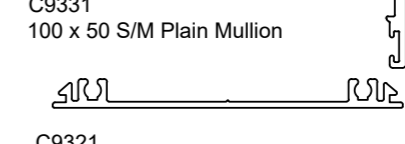
C9603
100 x 44 Plain Frame



C9502
100 x 50 Plain Frame

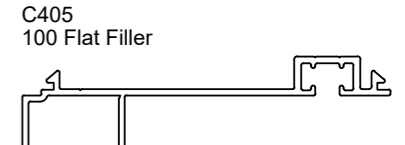


C9331
100 x 50 S/M Plain Mullion

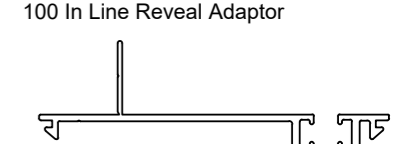


C9321
91mm Flat Filler - screw flutes

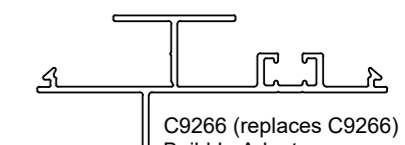
C405
100 Flat Filler



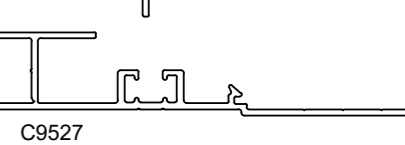
C9608
100 In Line Reveal Adaptor



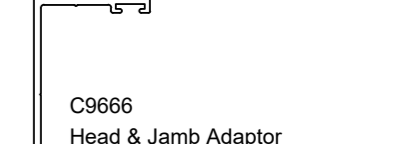
C9205
100 Nailing Fin



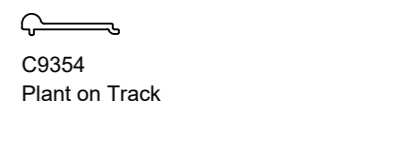
C9266 (replaces C9266)
Build In Adaptor



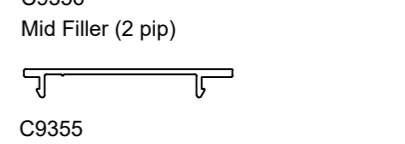
C9527
Build In Bracket



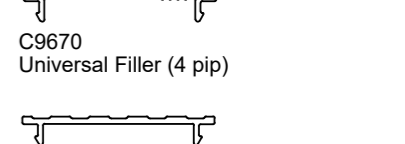
C9666
Head & Jamb Adaptor



C9354
Plant on Track



C9356
Mid Filler (2 pip)



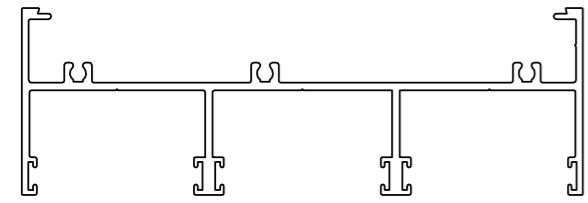
C9355
Outer Filler (1 pip)



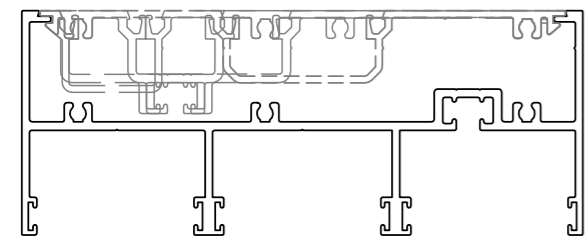
C9670
Universal Filler (4 pip)

C9695
Universal Stepped Sill Filler
Optional filler used in conjunction with C9670

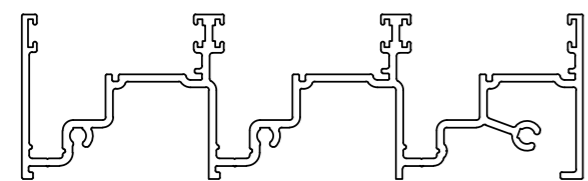
Max™ SLIDING DOOR
Max Framing Systems: MSLIDDOOR - 3
Extrusion ID



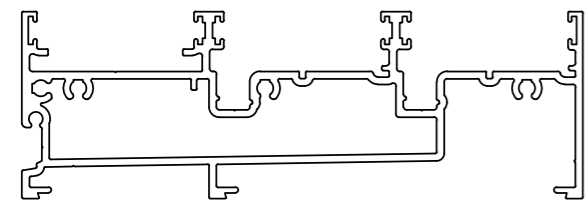
C9652
150 x 50 Head / Jamb
Accepts C9203, C9274, C9922, C9774



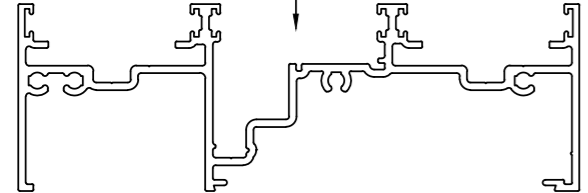
C9352
150 x 60 Jamb / Head / Transom
Adapts to all pocketed fillers as sidelights or highlights



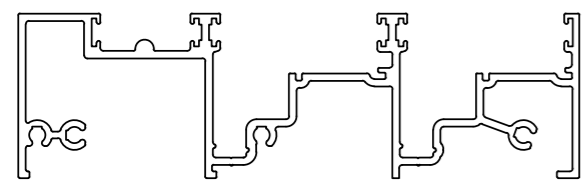
C9653
150 x 44 Sill



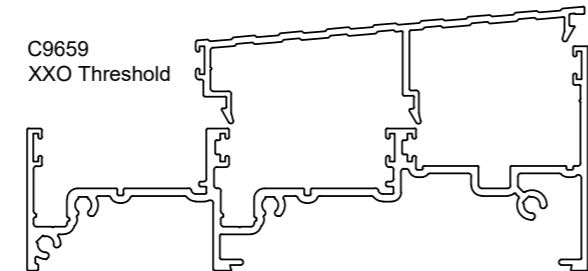
C9655
150 x 50 FG Sump Sill
Sliding Track



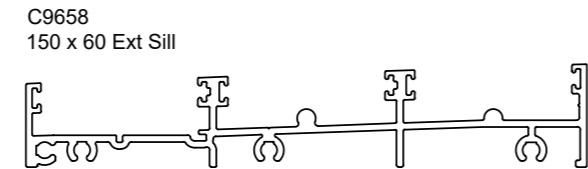
C9663
150 x 50 FG Sill
Suited to XO, OXO, XOO, OXO, OXXO only



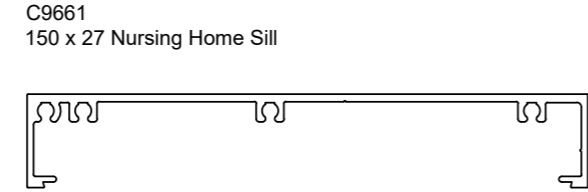
C9693
150 x 44 Flydoor Sill
Suited to XO, OXO, XOO, OXO, OXXO only



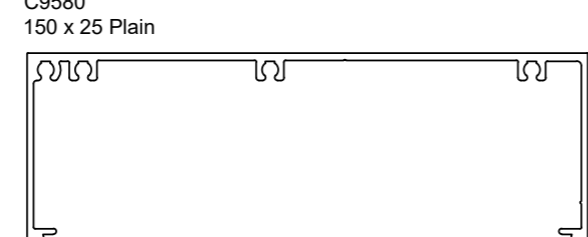
C9659
XXO Threshold



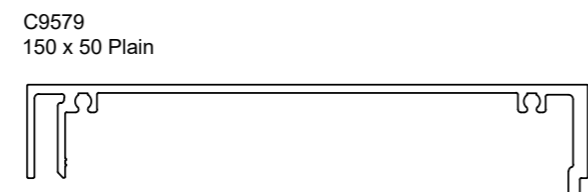
C9658
150 x 60 Ext Sill



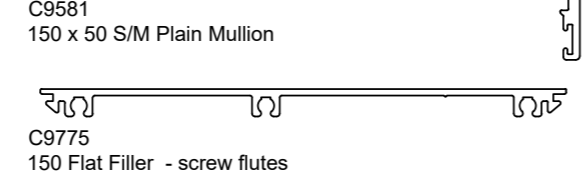
C9661
150 x 27 Nursing Home Sill



C9580
150 x 25 Plain



C9579
150 x 50 Plain



C9581
150 x 50 S/M Plain Mullion



C9775
150 Flat Filler - screw flutes



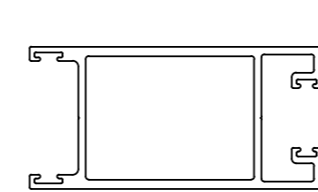
C1756
150 Flat Filler



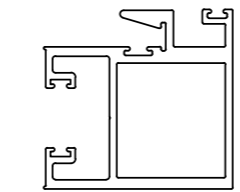
C9304
150 Nailing Fin



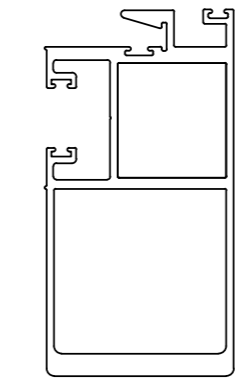
C9291
150 Build In Filler



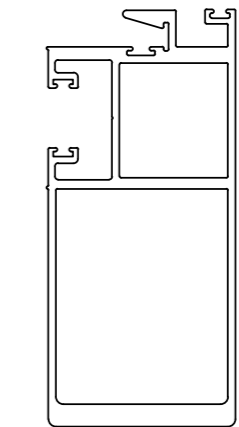
C9682
SG Lockstile 78mm



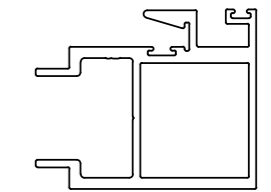
C9684
SG Interlock



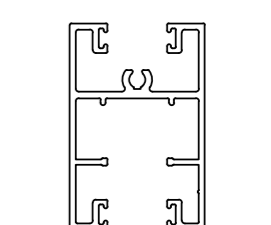
C9685
SG Med Interlock



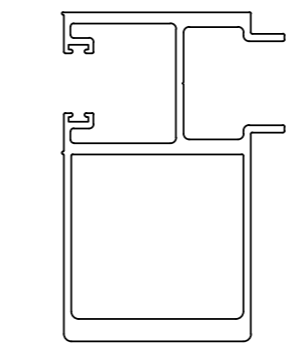
C9686
SG HD Interlock



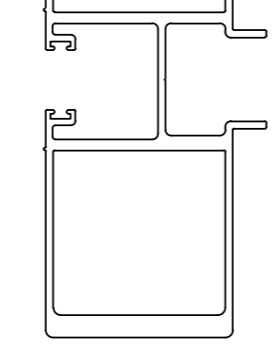
C9671
OXO Adaptor



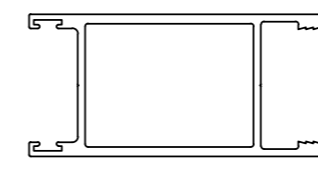
C9689
55mm SG Rail & Midrail



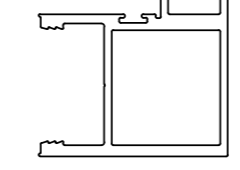
C9687
SG Med OXXO Stile



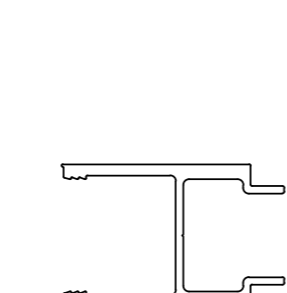
C9688
SG HD OXXO Stile



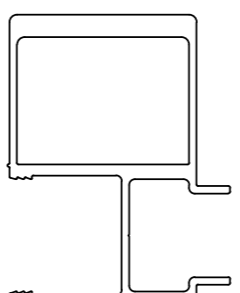
C9672
DG Lockstile 78mm



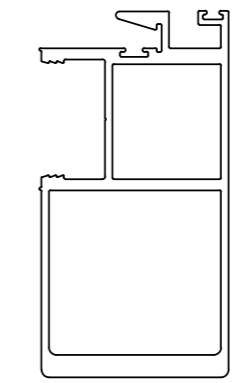
C9674
DG Interlock



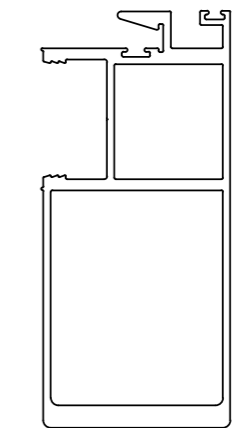
C9677
DG Med OXXO Stile



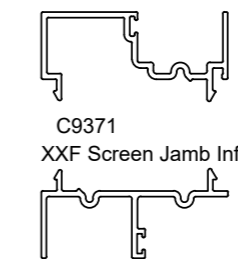
C9678
DG HD OXXO Stile



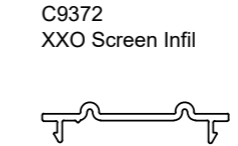
C9675
DG Med Interlock



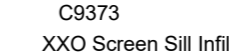
C9676
DG HD Interlock



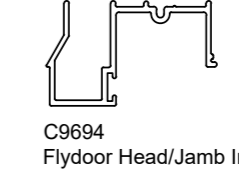
C9371
XXF Screen Jamb Infil



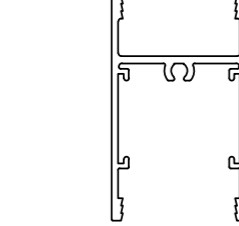
C9372
XXO Screen Infil



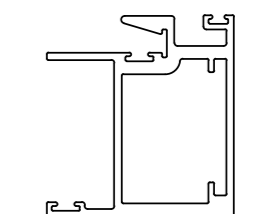
C9373
XXO Screen Sill Infil



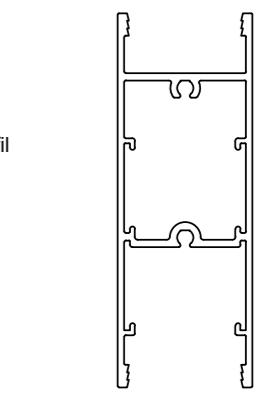
C9694
Flydoor Head/Jamb Infil



C9679
60mm DG Rail & Midrail

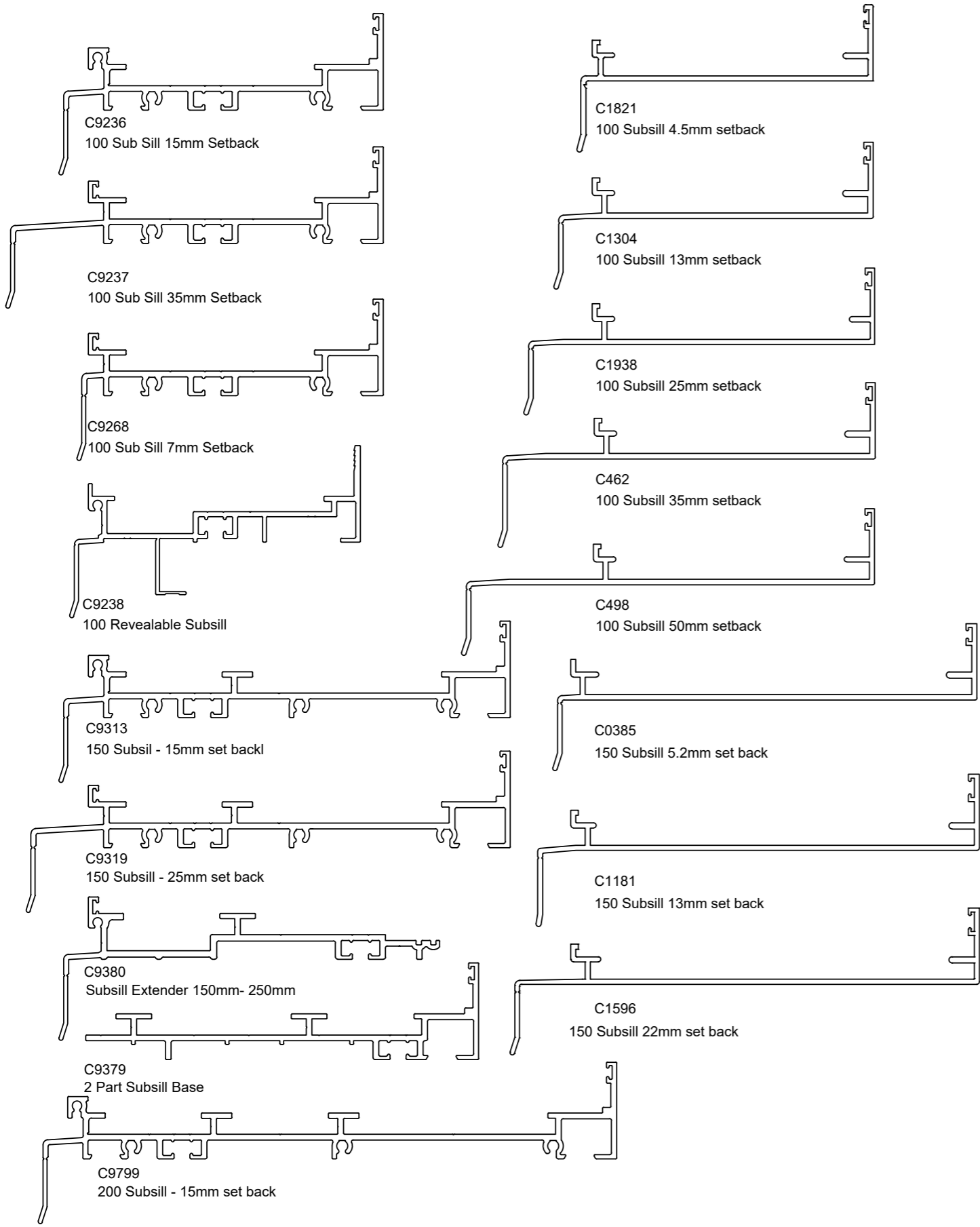


C9698
Glaze in Frame Fixed Mullion

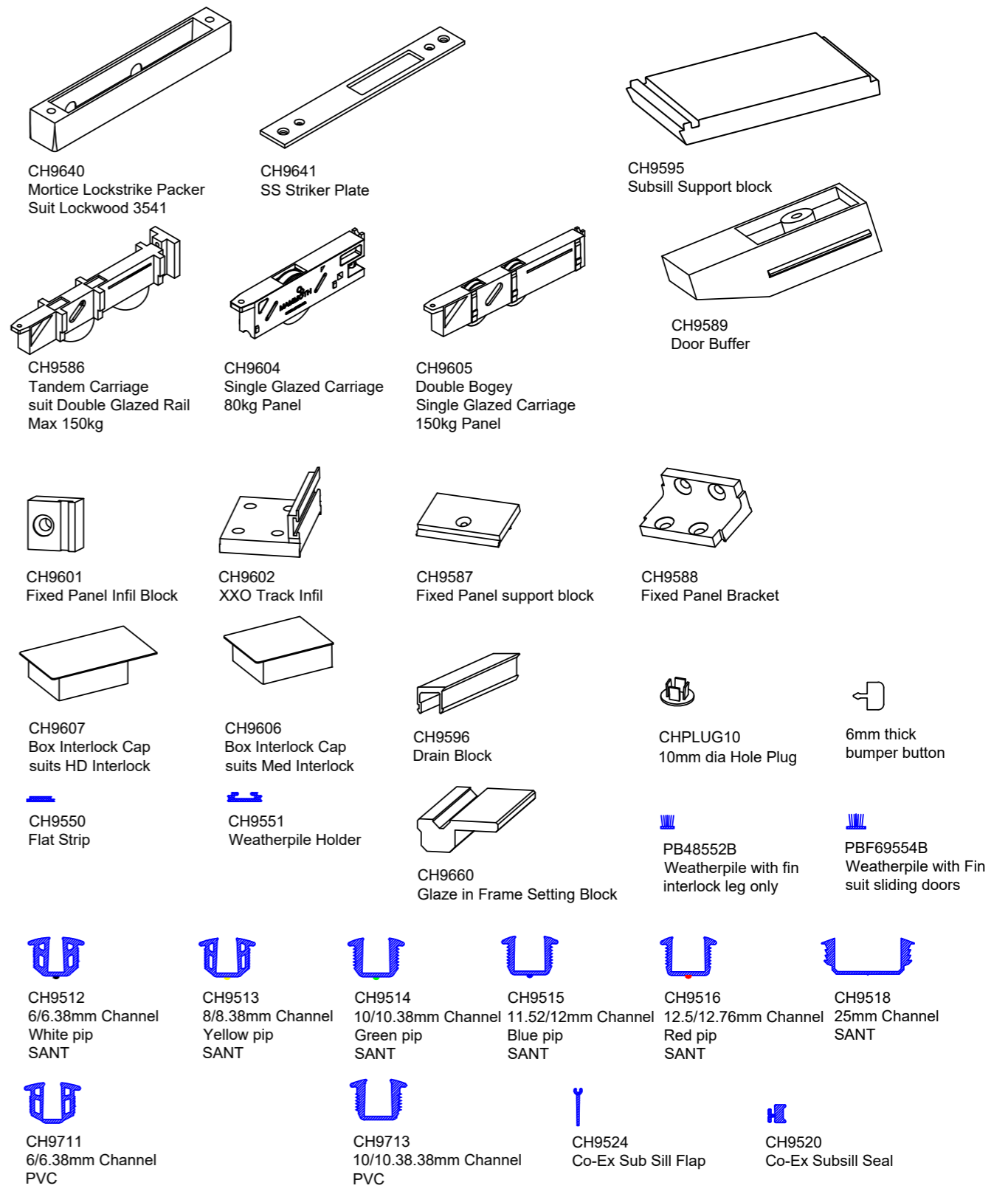


C9681
100mm DG Rail & Midrail

Max™ SLIDING DOOR
Max Framing Systems: MSLIDDOOR - 4
Extrusion ID



Component ID

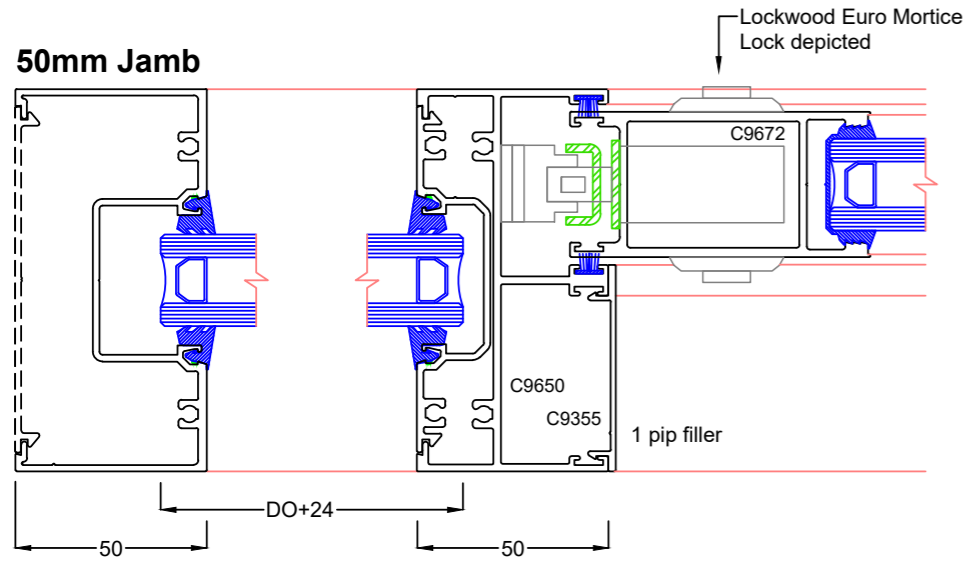


Max™ SLIDING DOOR

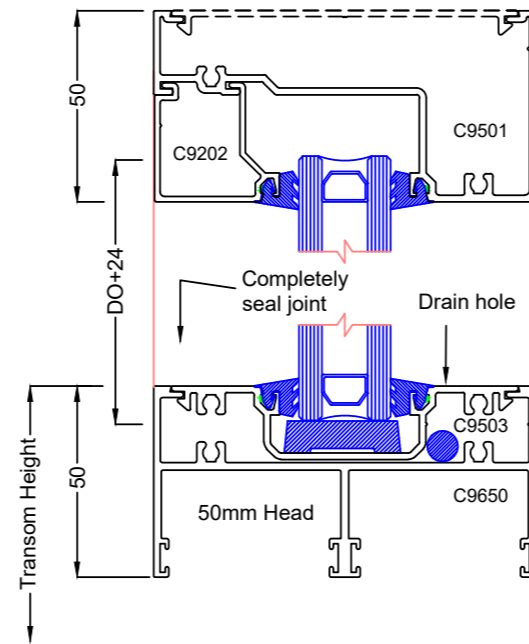
Max Framing Systems: MSLIDDOOR - 5

100mm Sliding Door XO coupled to Centre Glazed framing

50mm Jamb shown, but 44 or 60mm Jamb may also be used

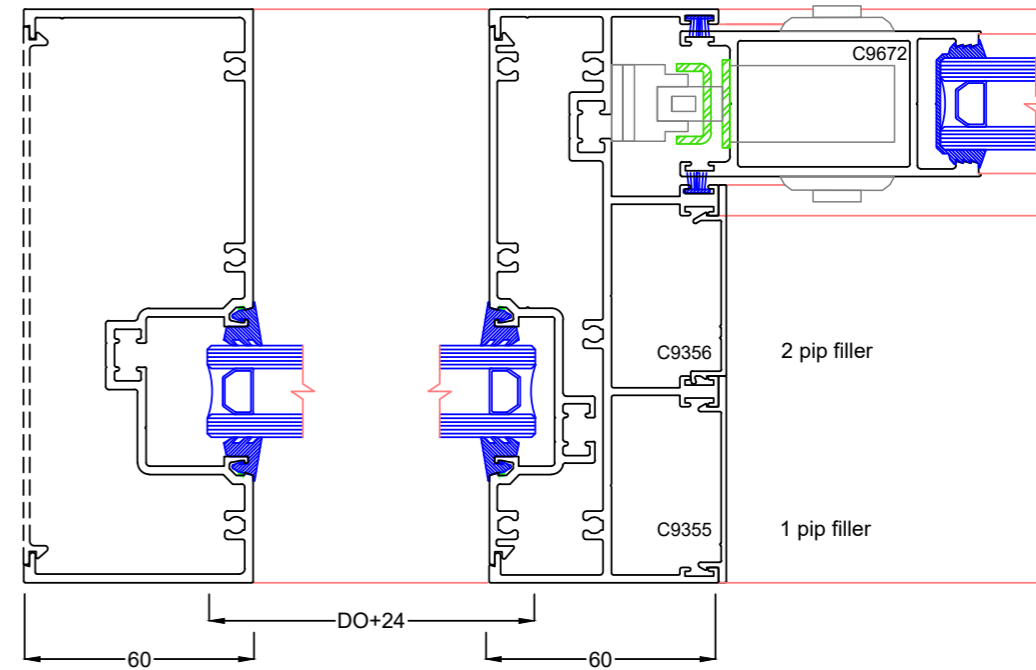


Centre Double Glaze Highlight



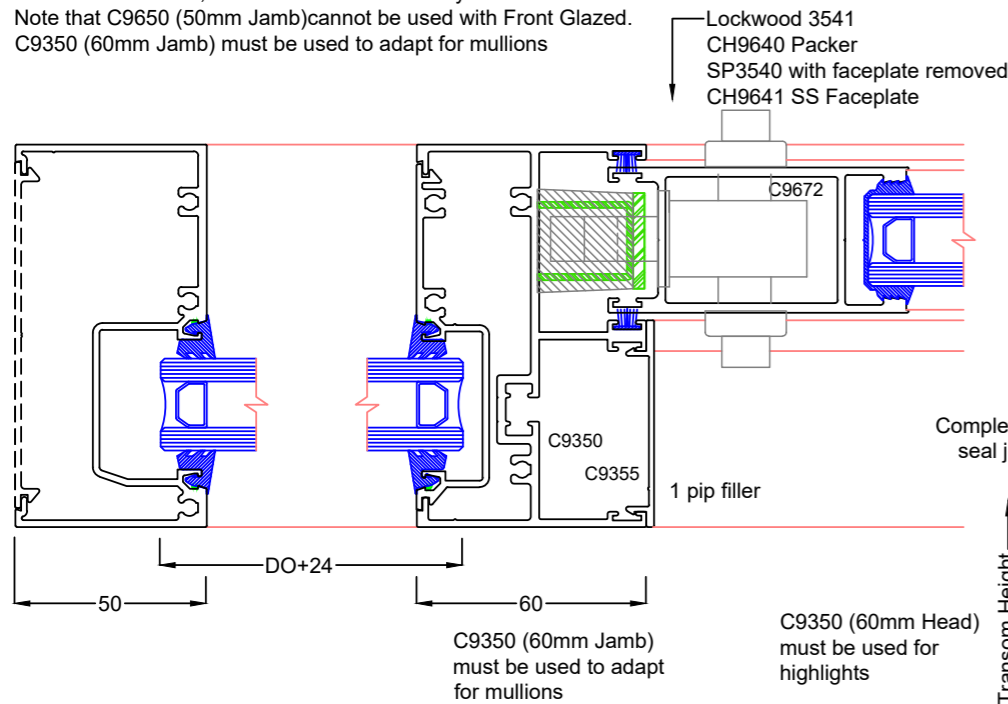
150mm Sliding Door coupled to 150mm Offset Glazed framing

Note: 150 offset is only available with 60mm face.
The jamb for the sliding door needs to be C9352 unbroken.



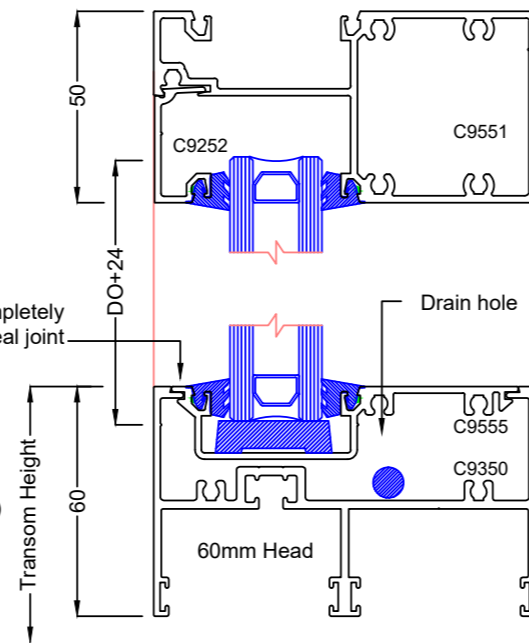
100mm Sliding Door XO coupled to Front Glazed framing

50mm Jamb shown, but 44 or 60mm Jamb may be used also.
Note that C9650 (50mm Jamb) cannot be used with Front Glazed.
C9350 (60mm Jamb) must be used to adapt for mullions



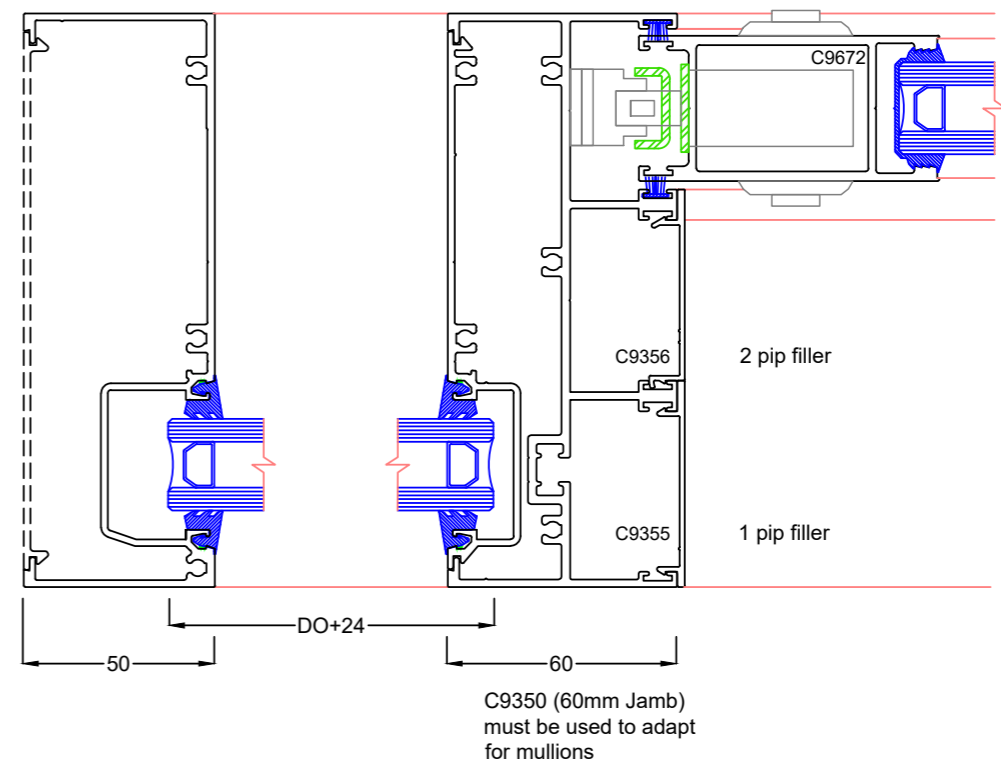
Front Double Glaze Highlight

Note: 60mm head must be used to allow pocketed filler to fit

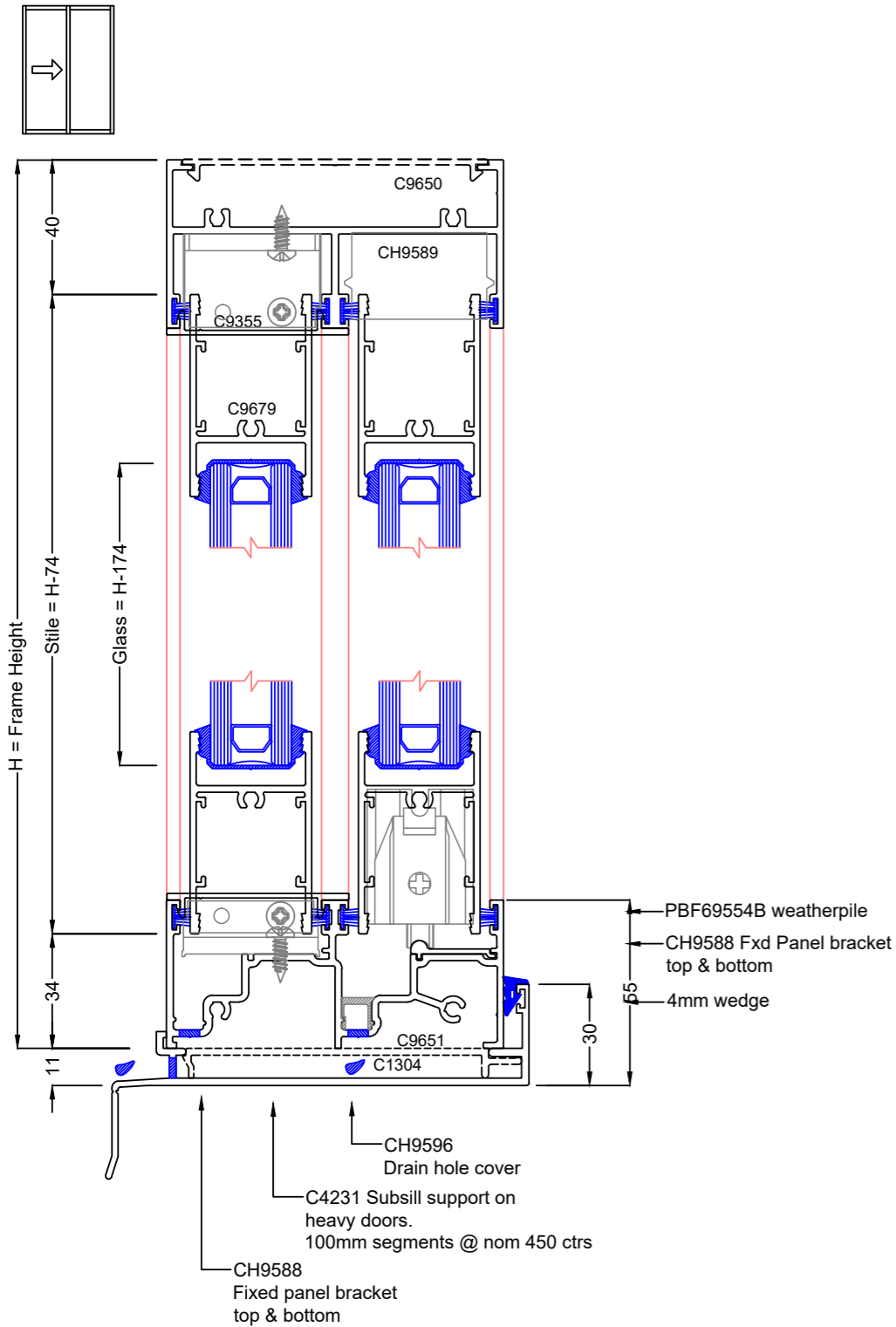


150mm Sliding Door coupled to 150mm Front Glazed framing

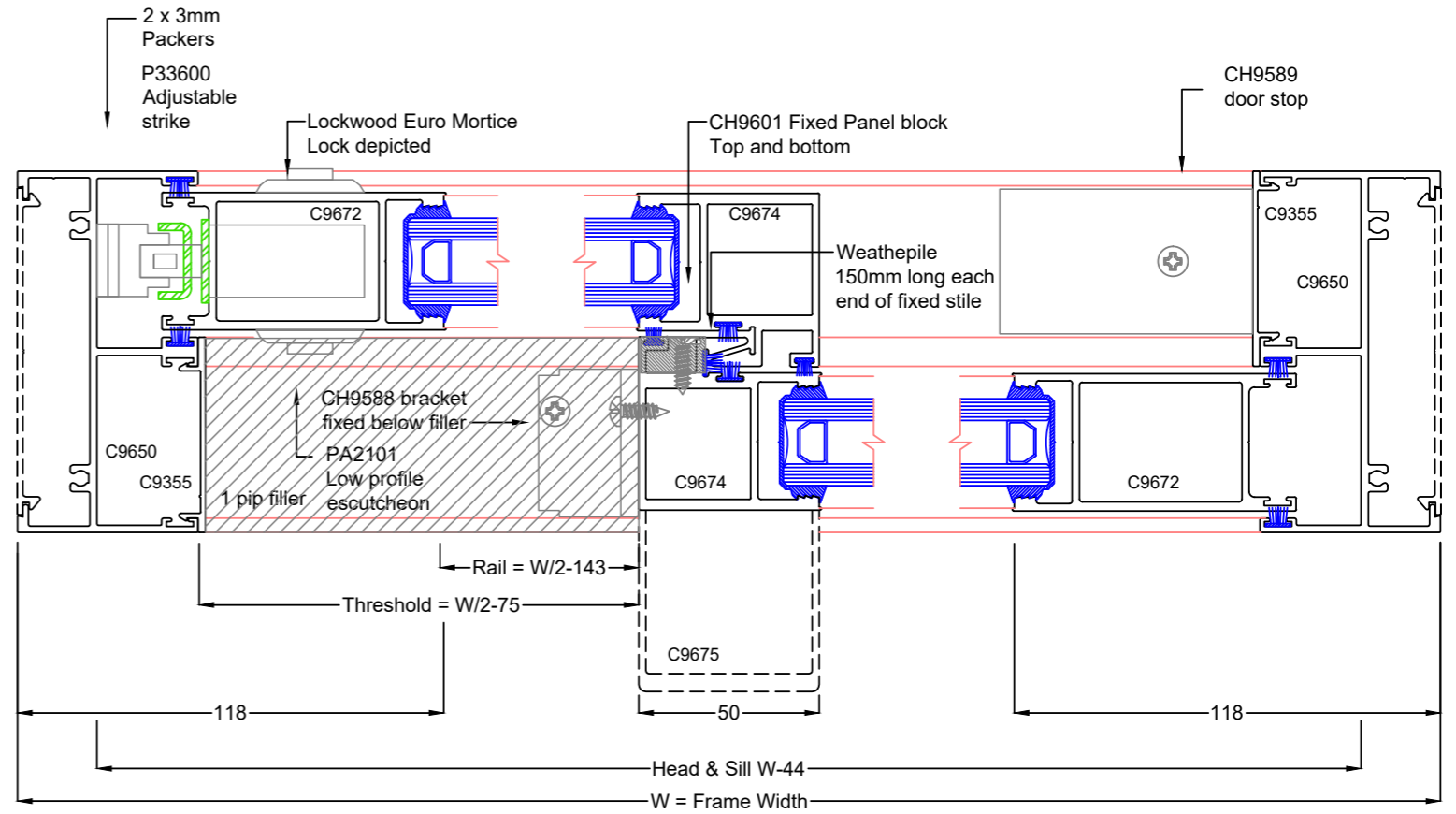
50mm Jamb shown, but 44 or 60mm Jamb may also be used
Note that C9652 (50mm Jamb) cannot be used with Front Glazed.
C9352 (60mm Jamb) must be used to adapt for mullions



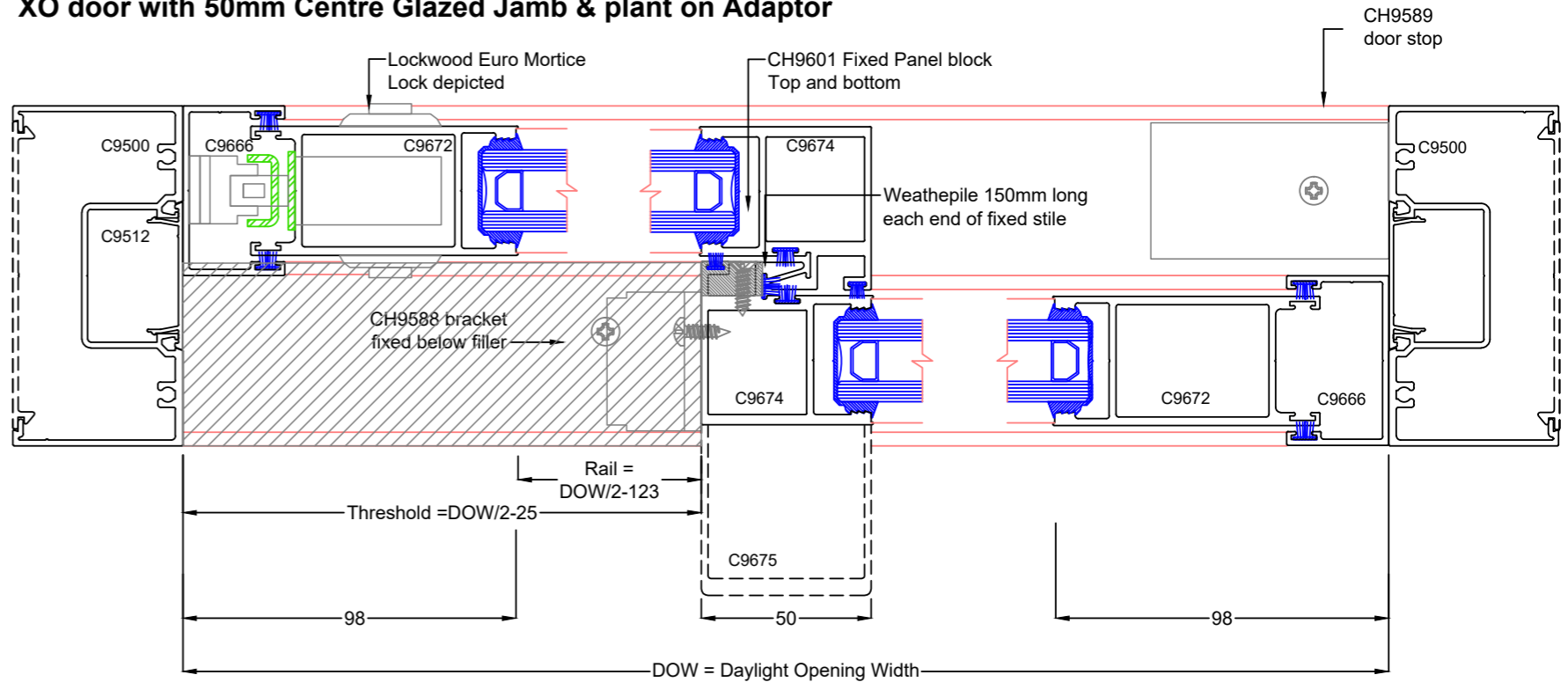
Max™ SLIDING DOOR
Max Framing Systems: MSLIDDOOR - 6
XO Sliding Door



XO Sliding Door with standard jambs



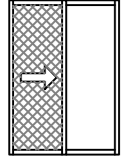
XO door with 50mm Centre Glazed Jamb & plant on Adaptor



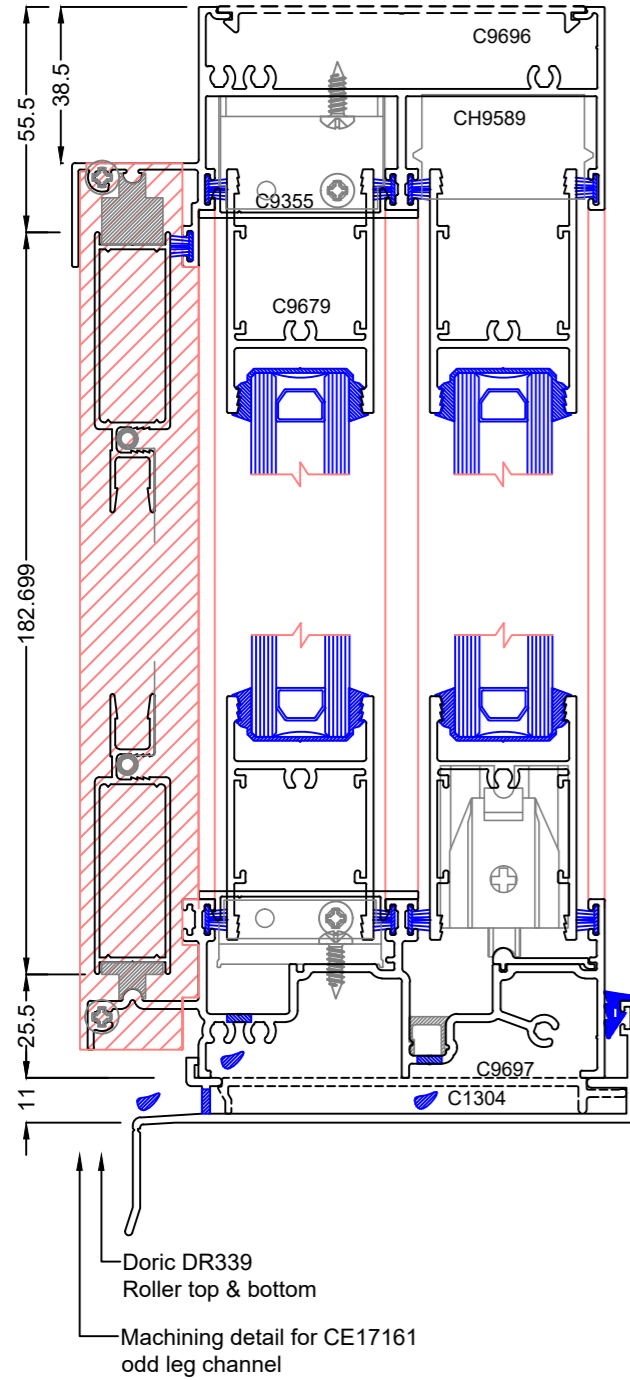
Max™ SLIDING DOOR

Max Framing Systems: MSLIDDOOR - 7

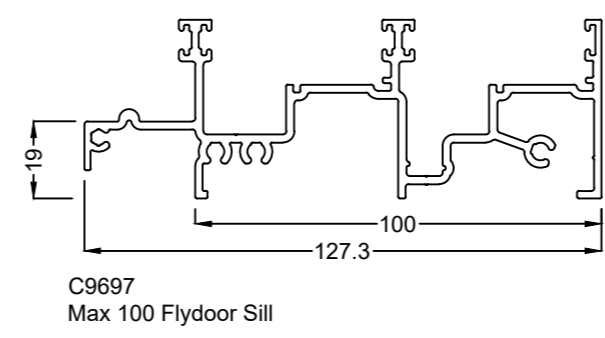
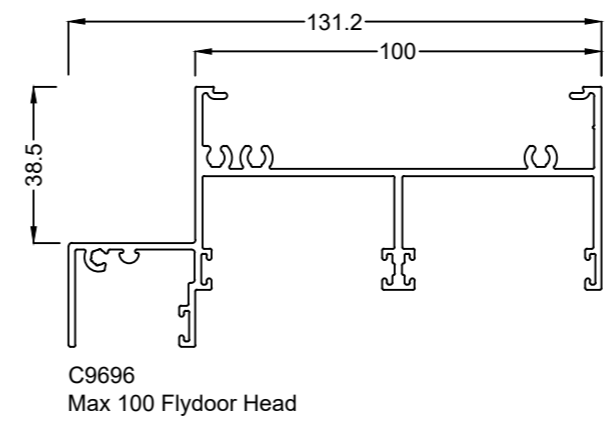
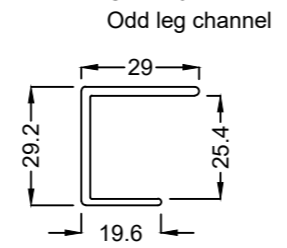
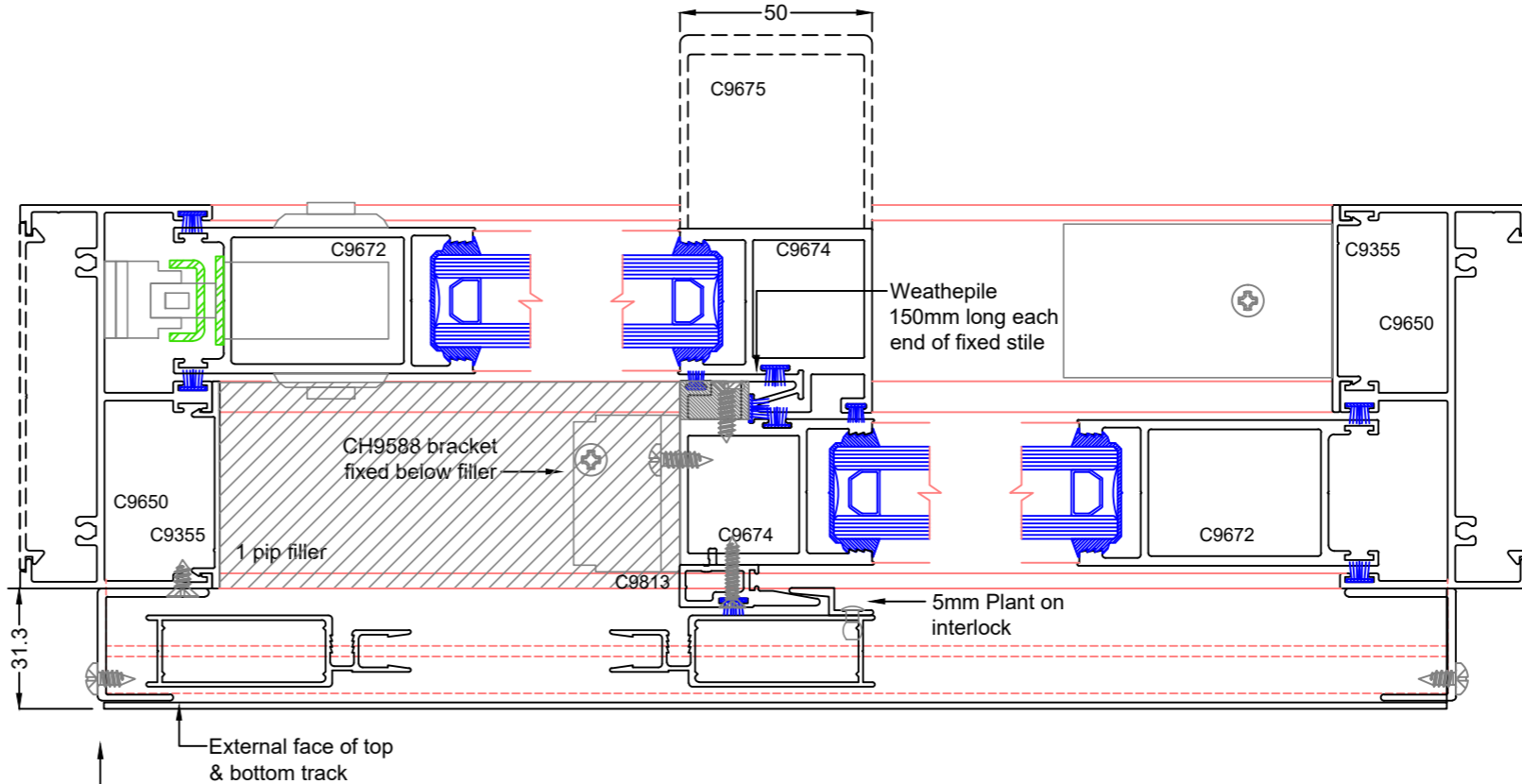
XO Sliding Door - C9696, C9697 Flydoor Head & Sill



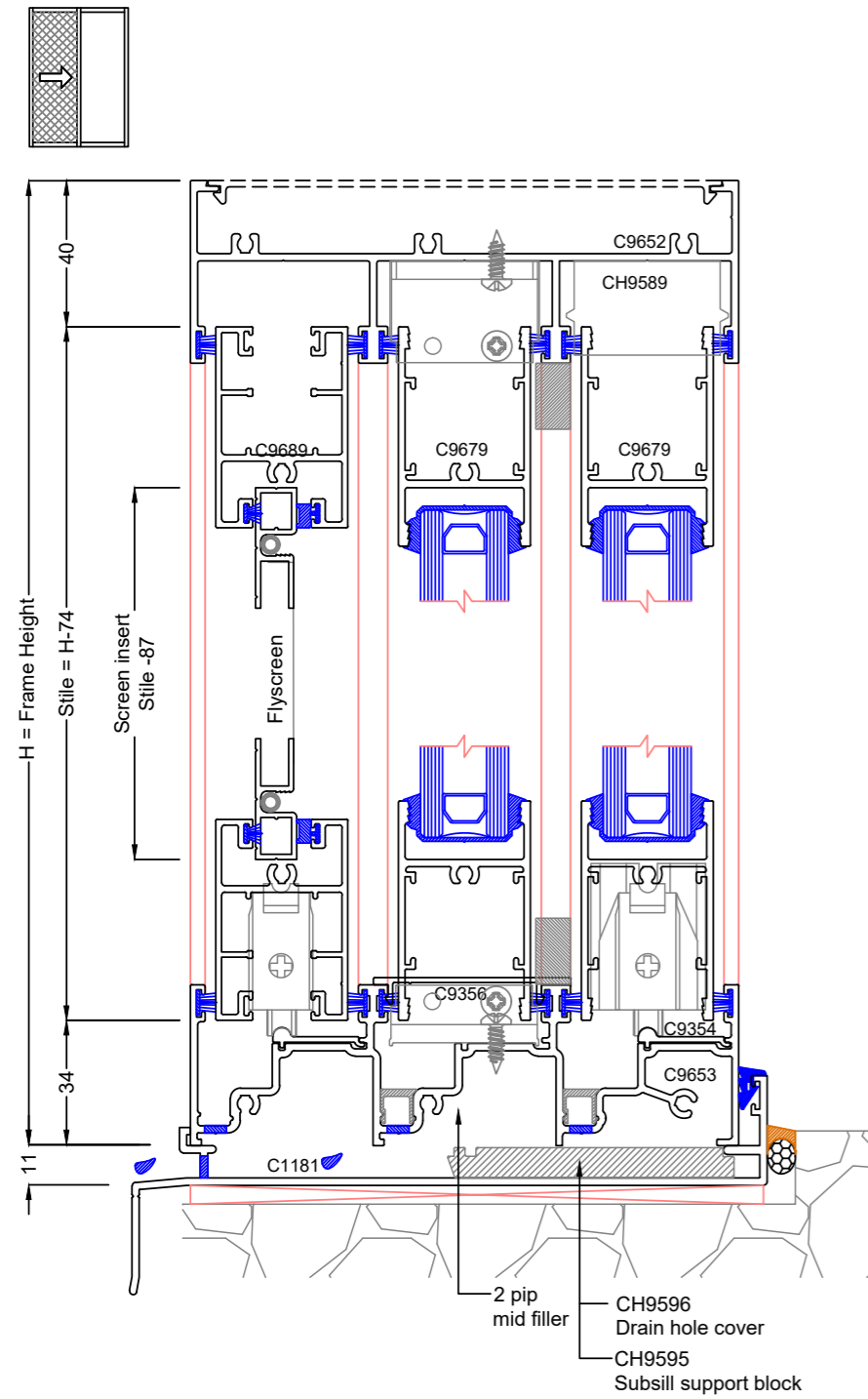
This detail is an efficient way to method of fitting flydoors on a "two track" 100mm frame in apartment projects.
Note that this does not suit a sub jamb without changing side clearances.



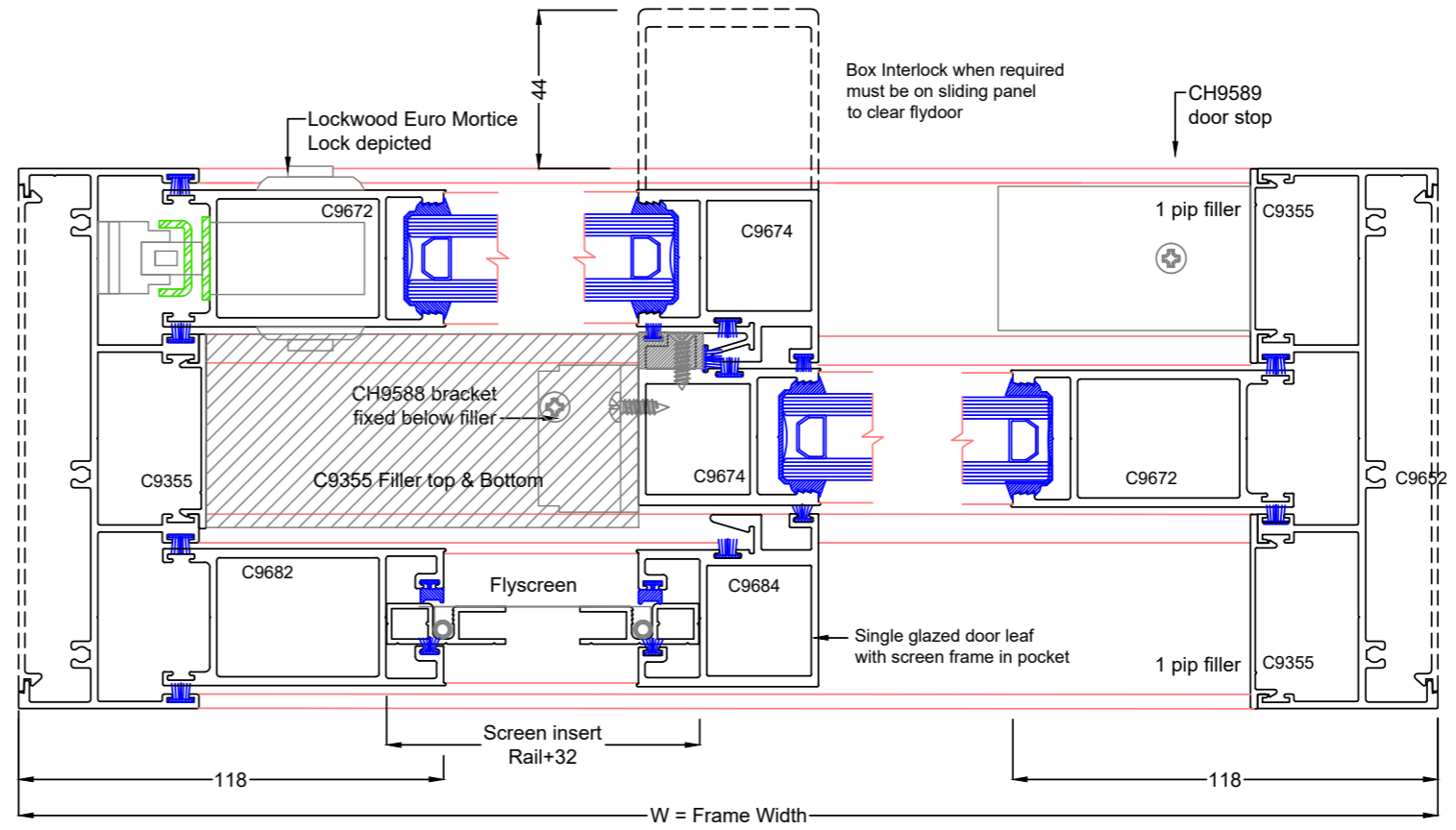
XO Sliding Door with standard jambs



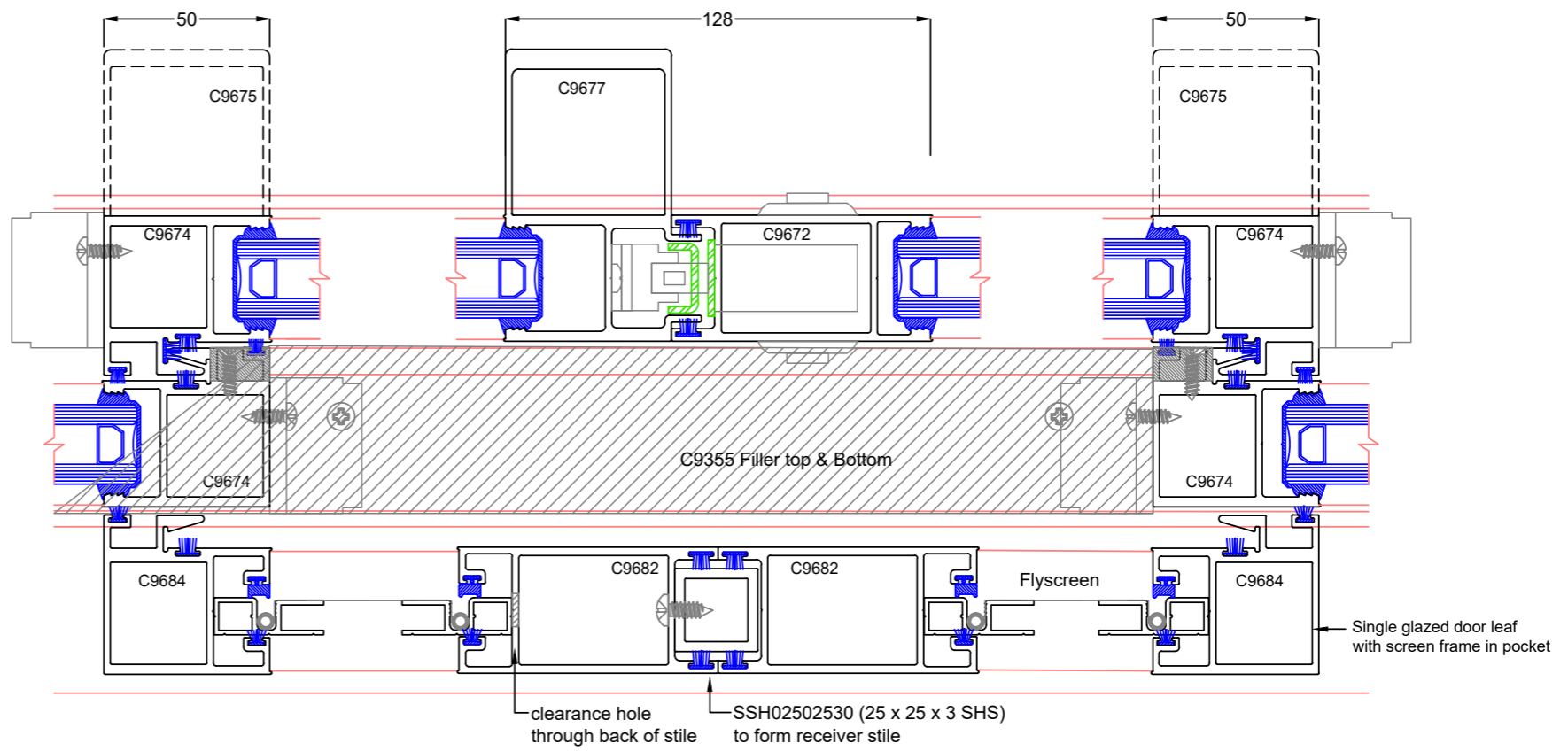
Max™ SLIDING DOOR
Max Framing Systems: MSLIDDOOR - 8
XO Sliding Door with 150 frame & screen in door panel



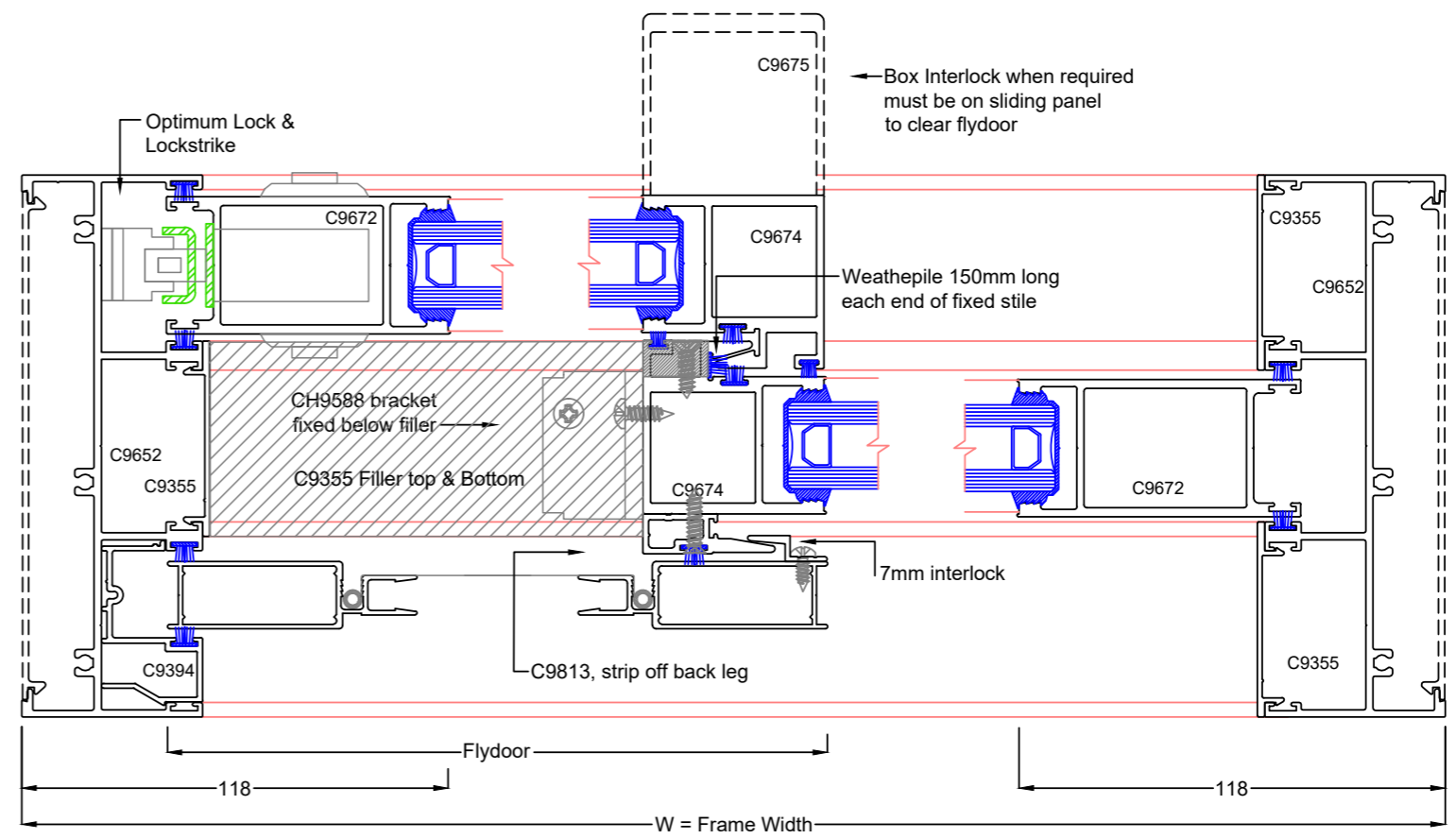
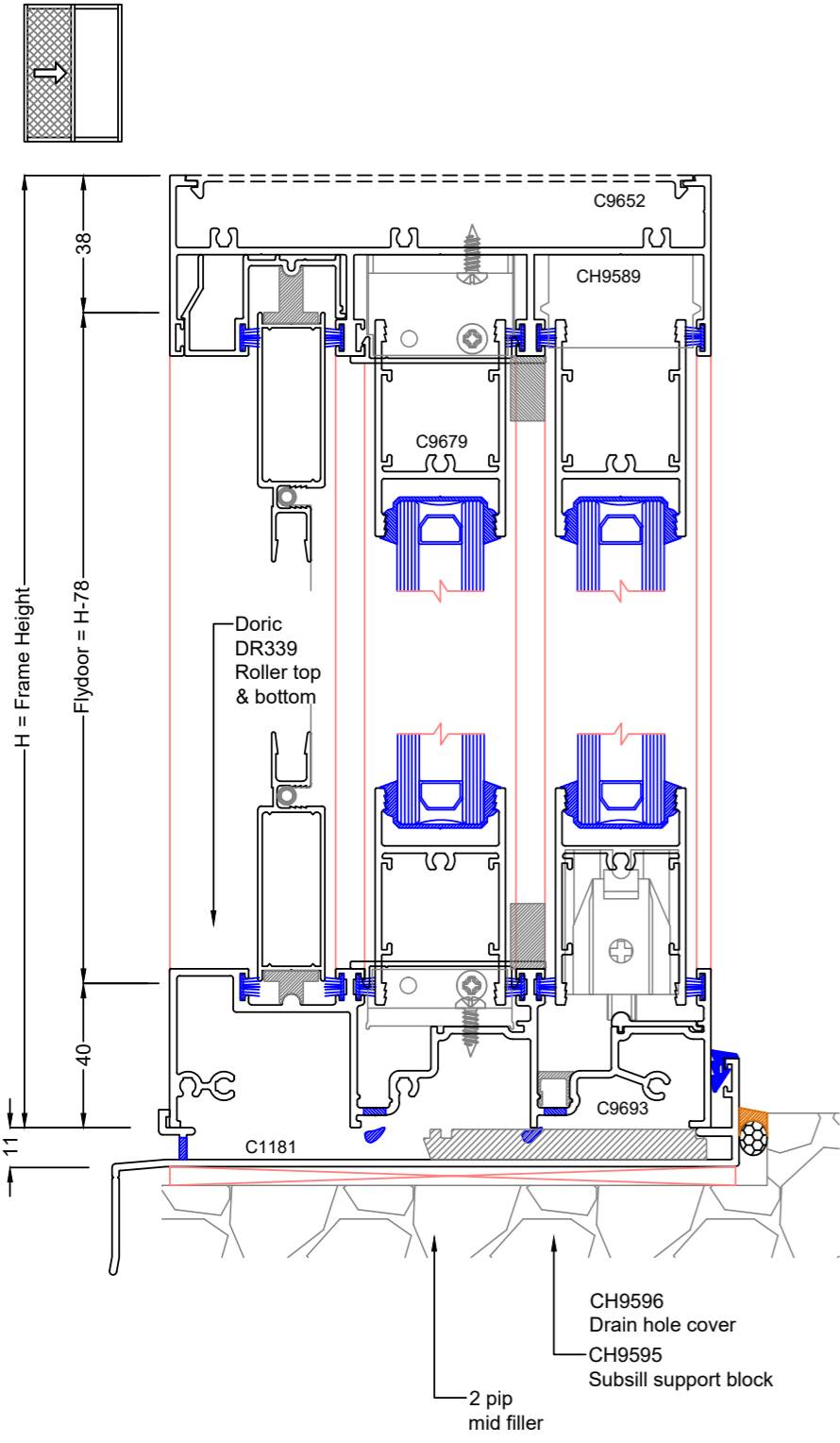
XO Sliding Door with 150 frame & screen in door panel



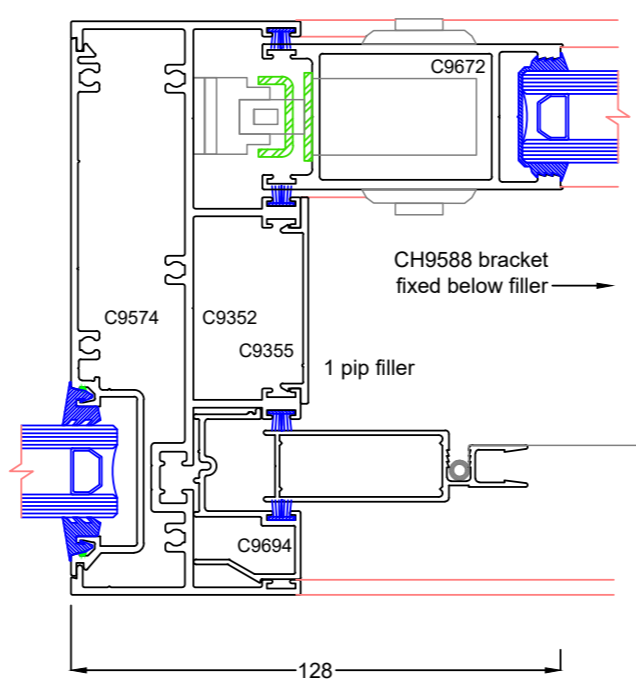
OXXO Sliding Door with 150 frame & pair of flydoors



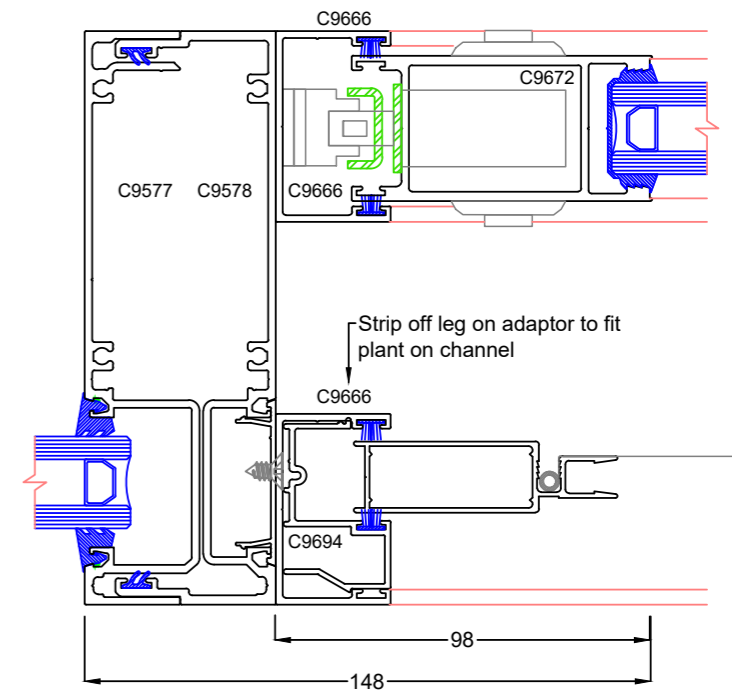
Max™ SLIDING DOOR
Max Framing Systems: MSLIDDOOR - 9
XO Sliding Door with 150mm Frame & flydoor



150mm Door Frame couples to 150mm Front Glaze, C9352 (150mm Jamb) is required

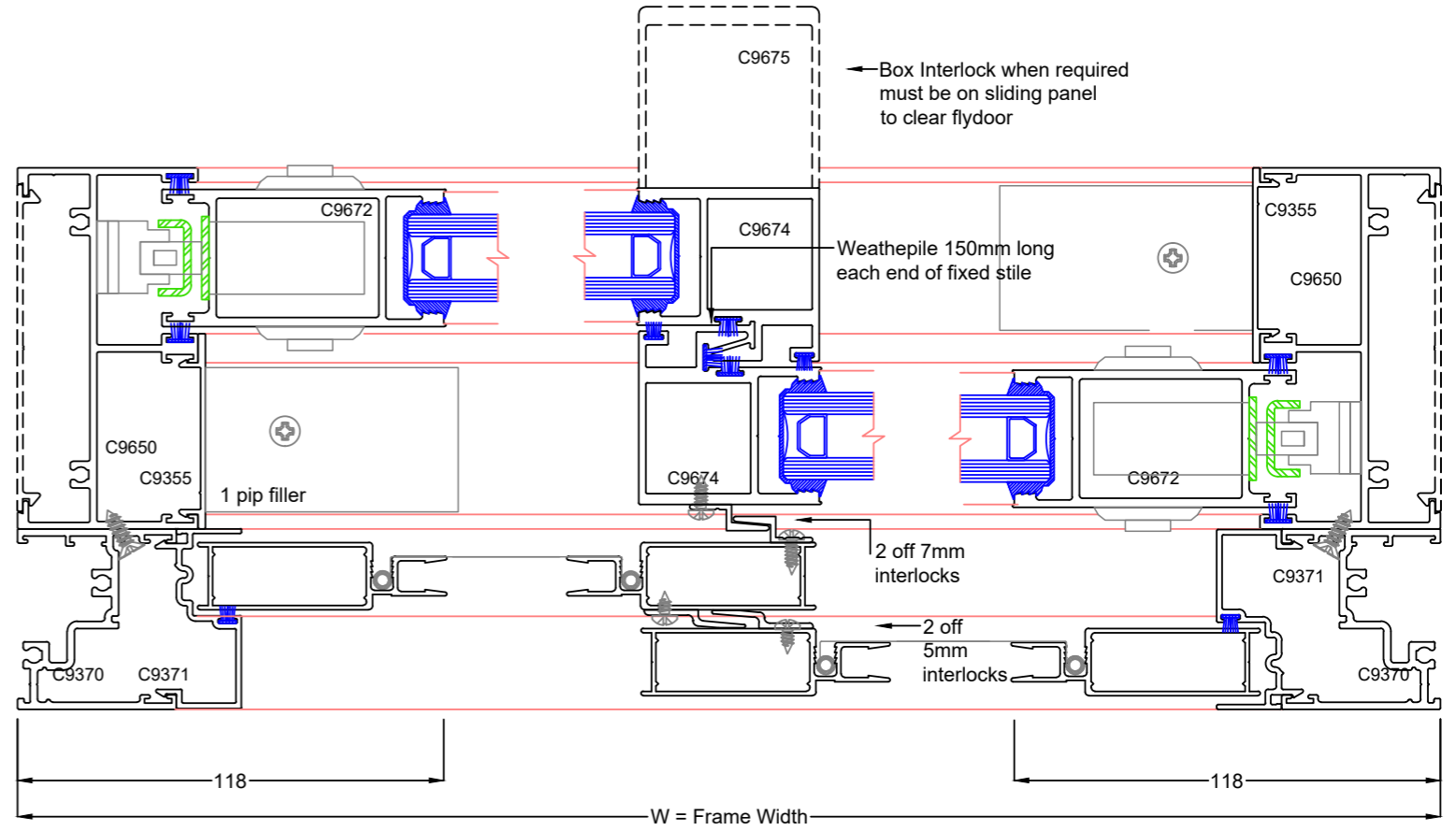
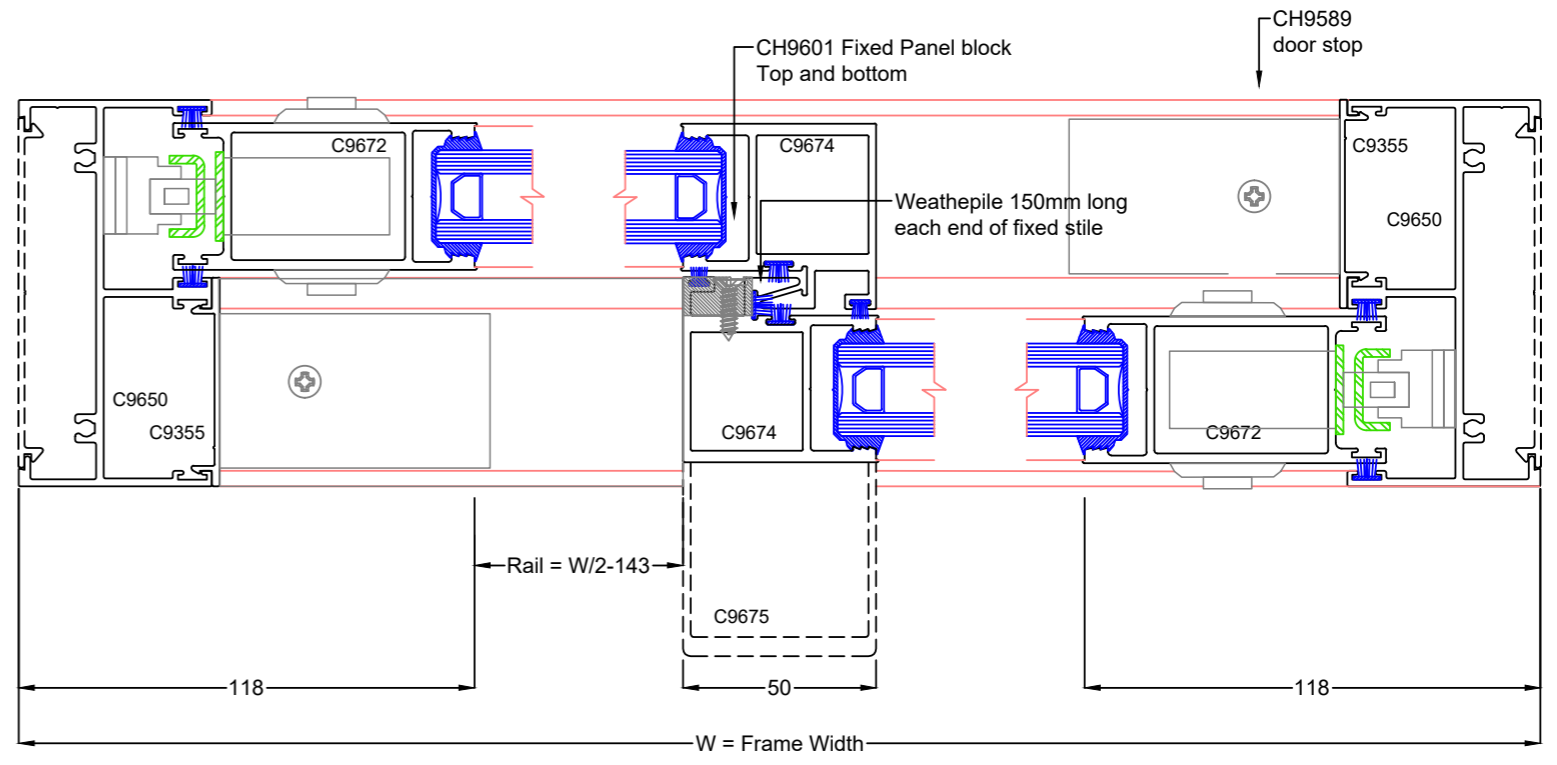
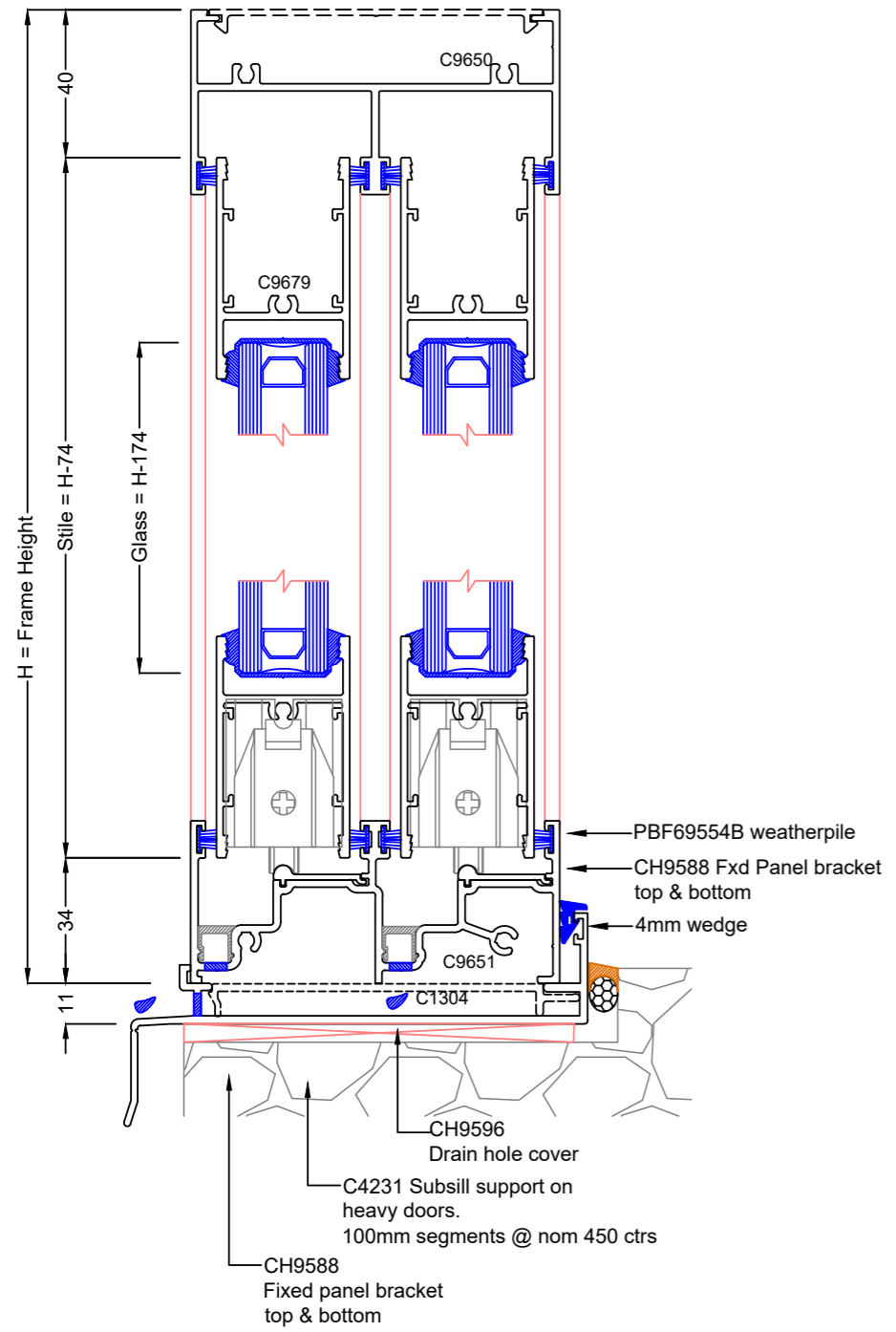


150mm Front Glaze used as a continuous mullion to provide a highlight, use C9666 channel. Flydoor infill requires mating leg to be stripped down marginally to fit

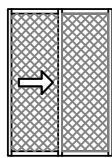


Max™ SLIDING DOOR
Max Framing Systems: MSLIDDOOR - 10
XX Sliding Door

XX doors have a lock in each panel but do not bi-part completely as they are limited by the lock or handles protruding.

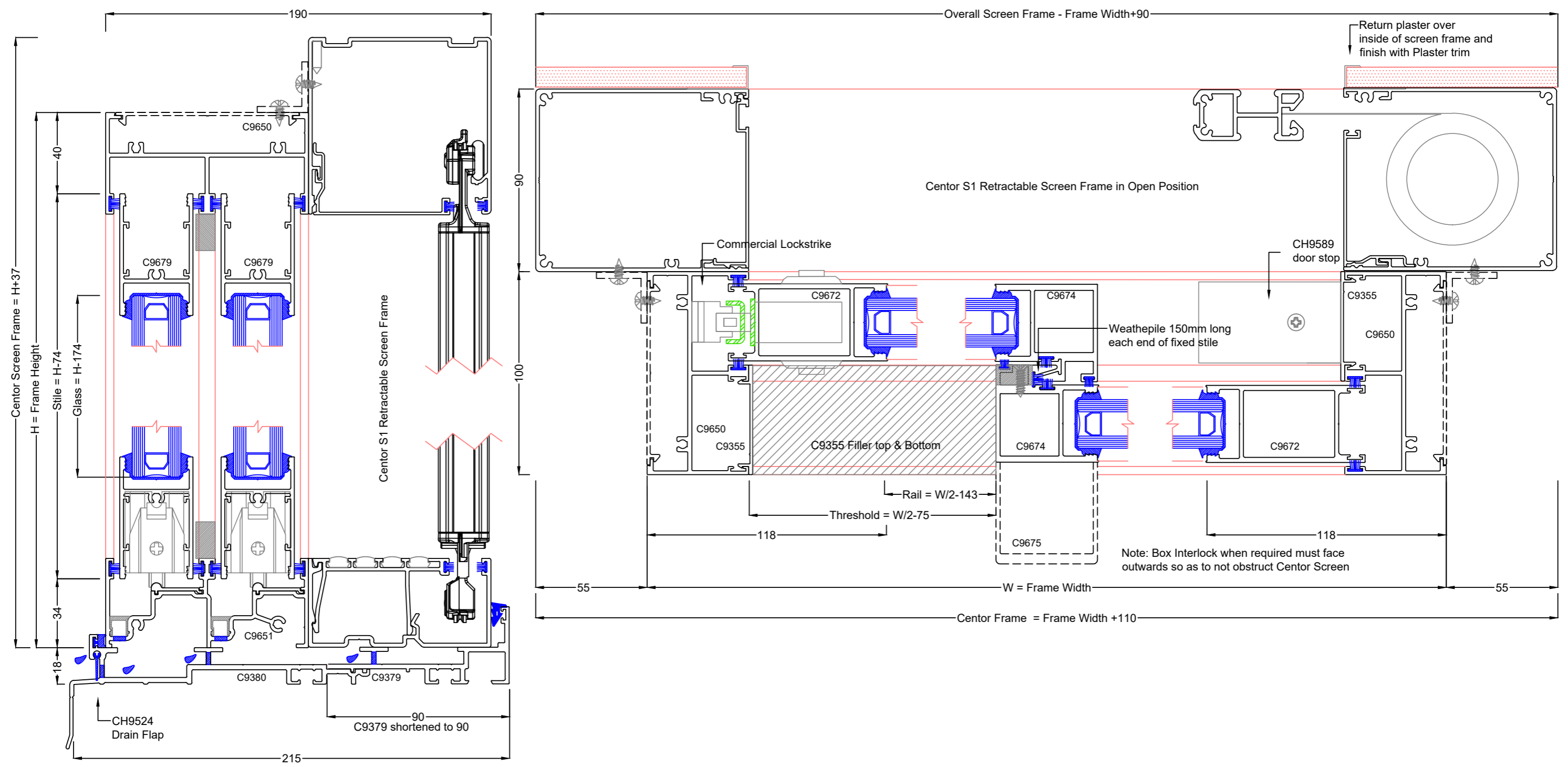


Max™ SLIDING DOOR
Max Framing Systems: MSLIDDOOR - 11
XO Sliding Door with Centor S1 Retractable Screen (190mm overall)

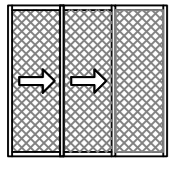


The details depicted here are typical as a means of adapting Centor Retractable screens onto sliding doors. The opening often needs to be battened out to accommodate the overall frame depth so that plaster can return over the Centor frame to conceal it from inside.

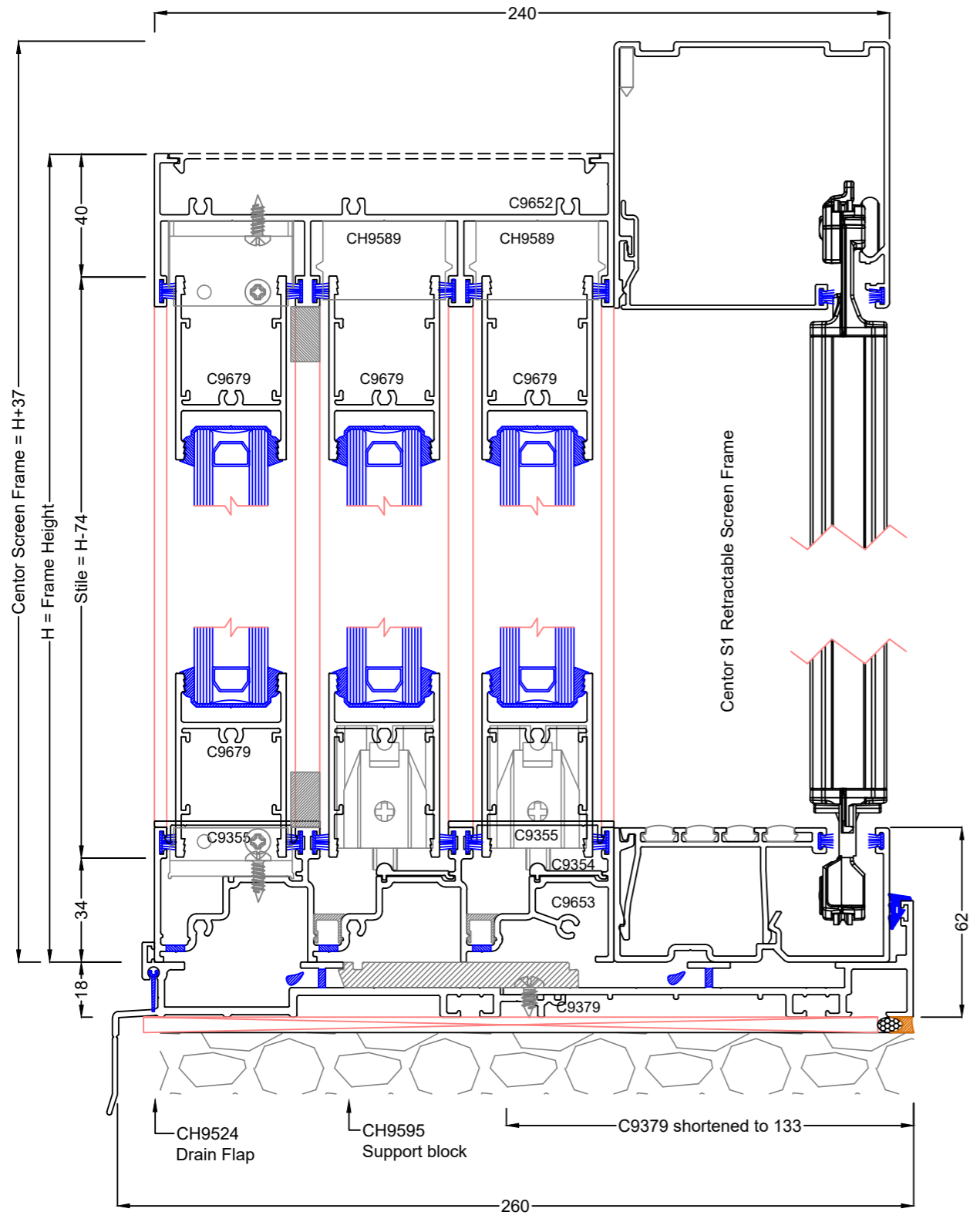
For further details refer www.centor.com.au



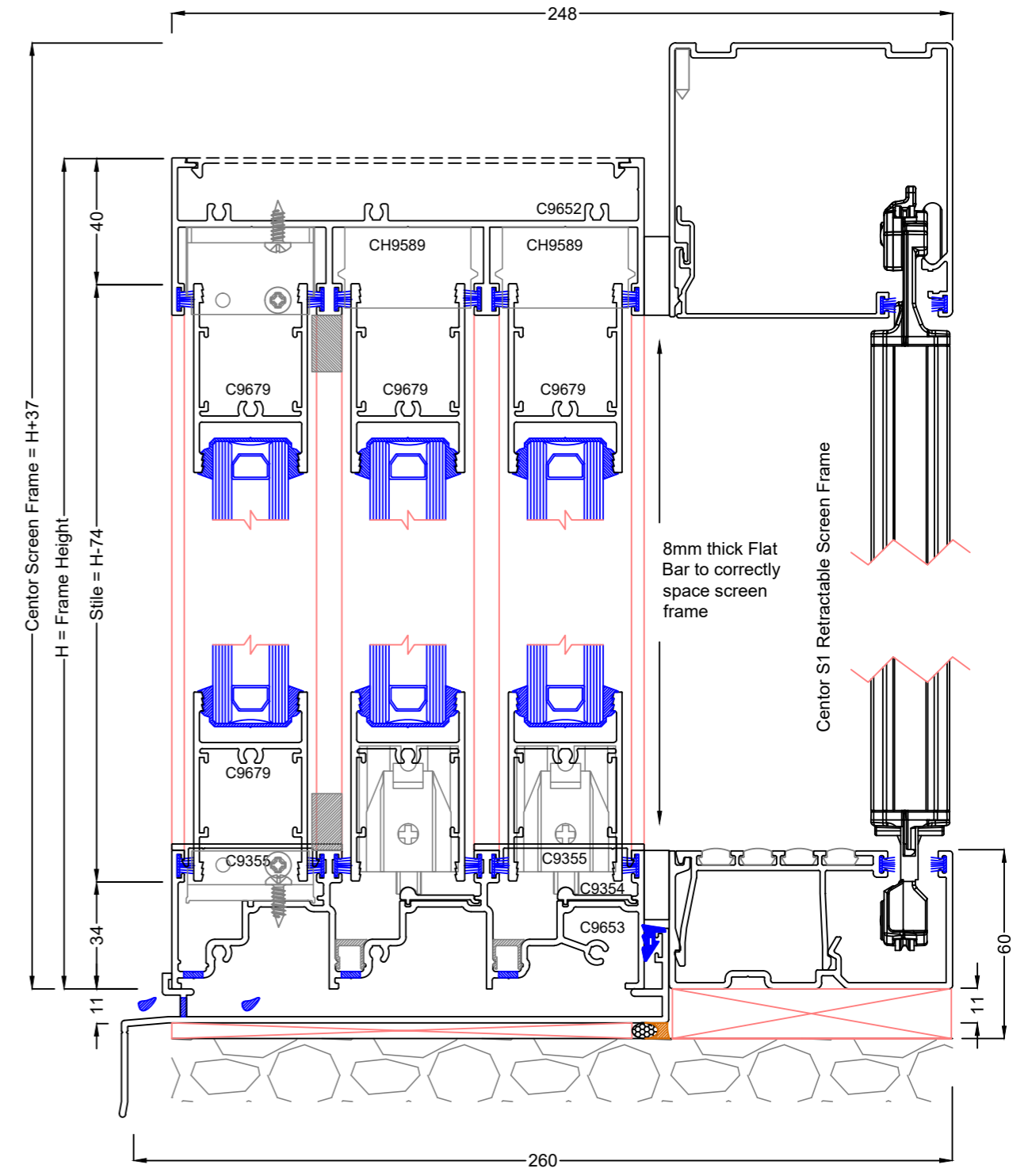
Max™ SLIDING DOOR
Max Framing Systems: MSLIDDOOR - 12
XXO Door - Retractable Screen



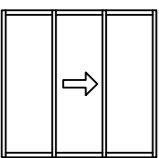
Method 1
connecting directly to frame,
requires 2 part subsill



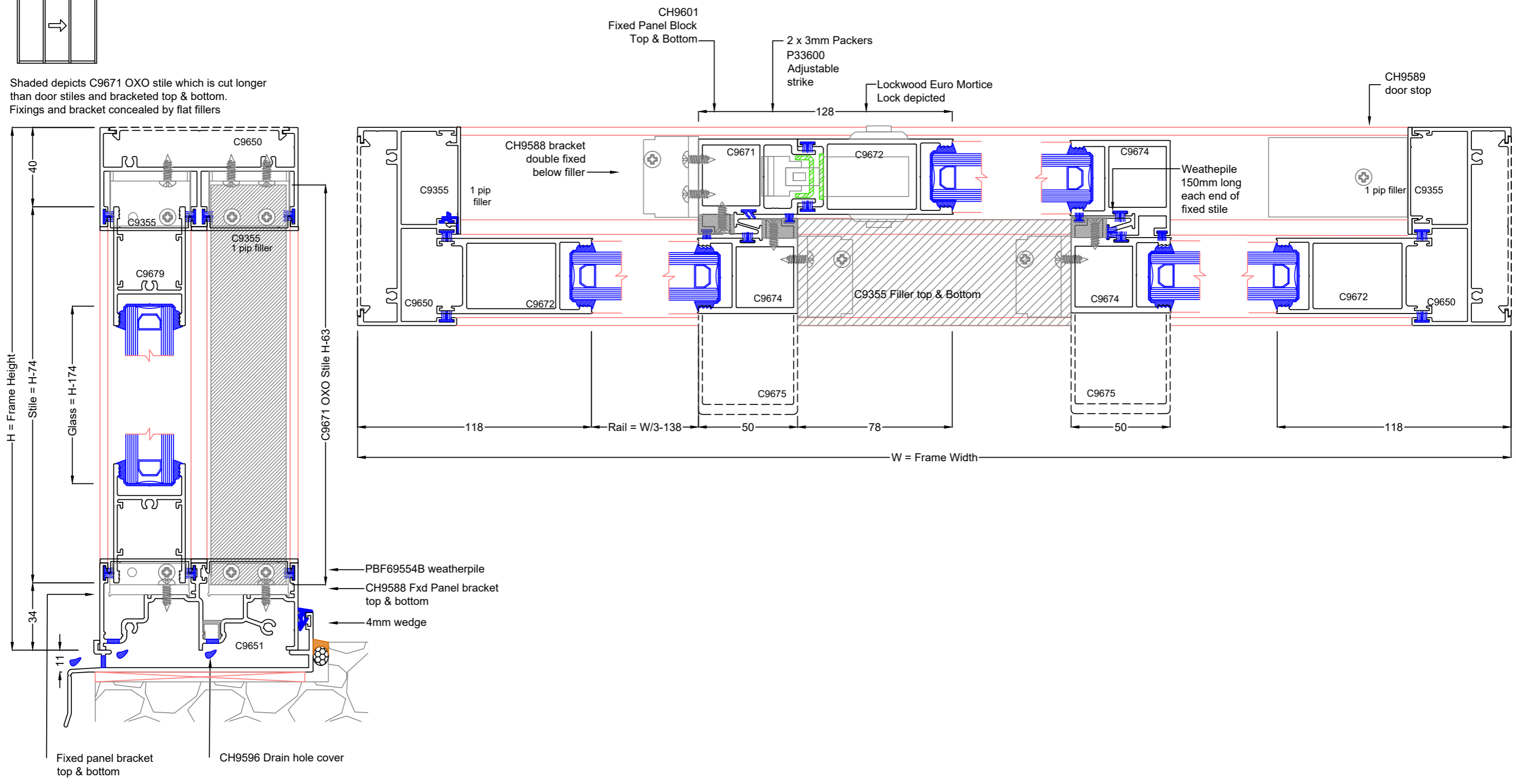
Method 2
8mm flat bar to space center screen
and use conventional subsill



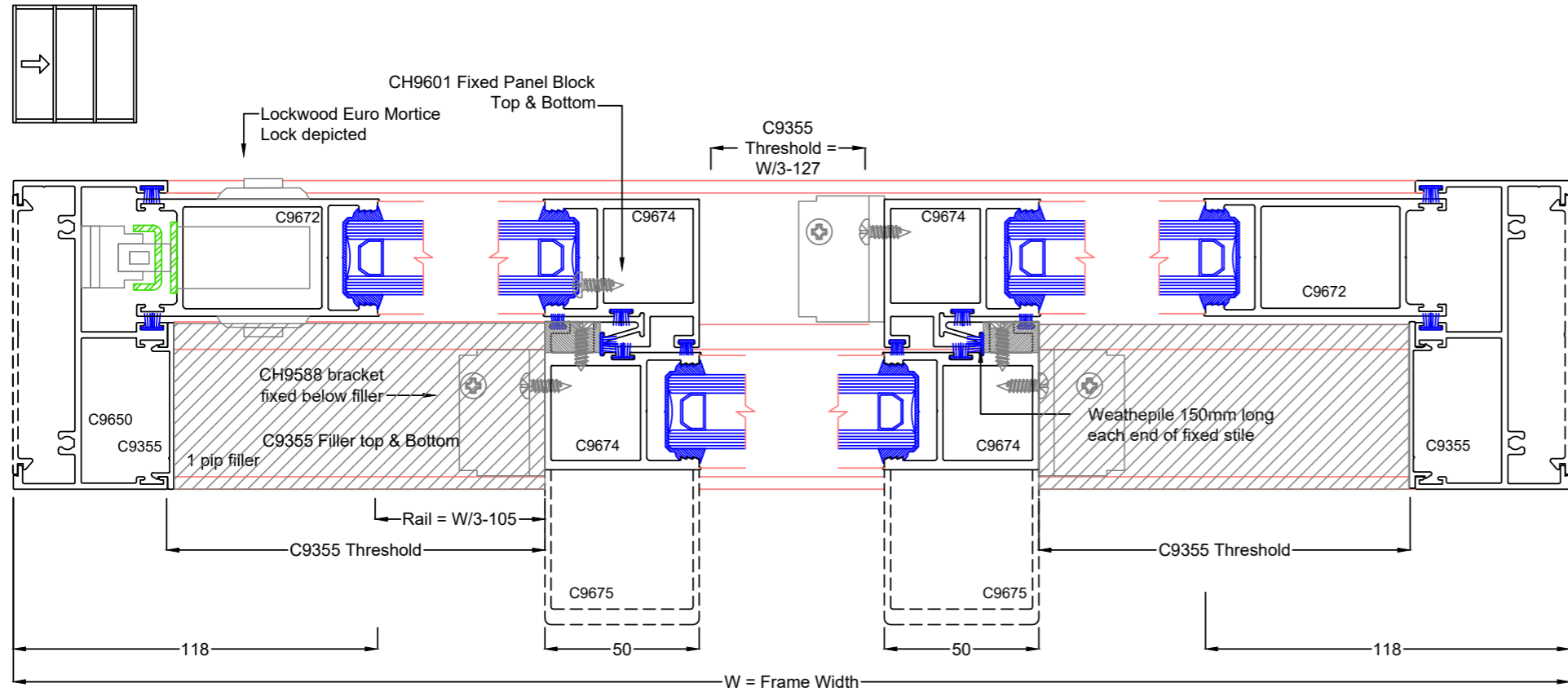
Max™ SLIDING DOOR
Max Framing Systems: MSLIDDOOR - 13
100mm Sliding Door OXO



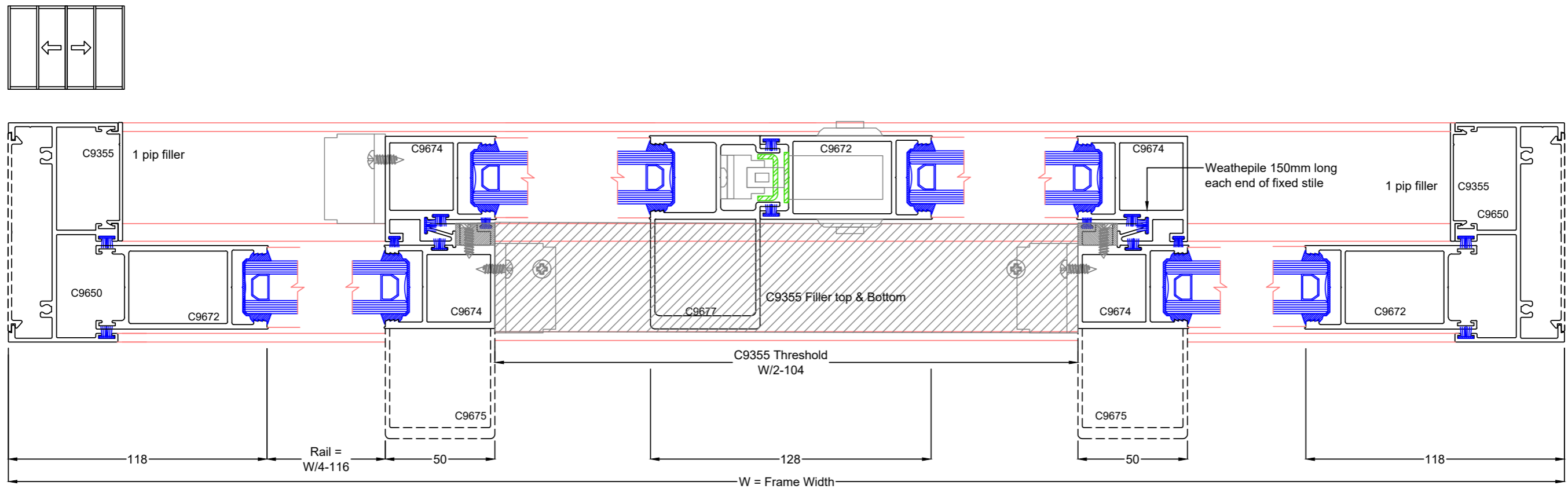
Shaded depicts C9671 OXO stile which is cut longer than door stiles and bracketed top & bottom.
Fixings and bracket concealed by flat fillers



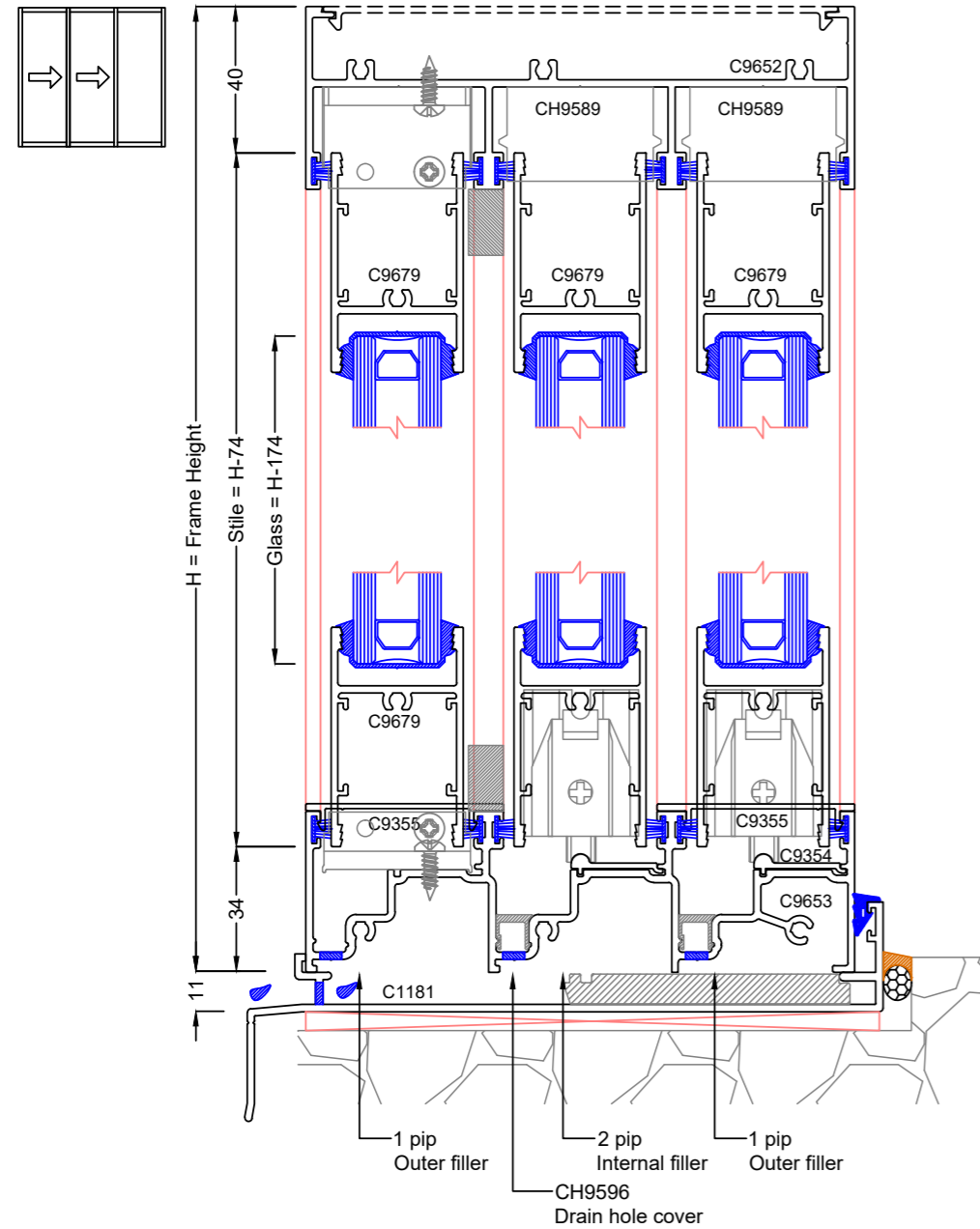
Max™ SLIDING DOOR
Max Framing Systems: MSLIDDOOR - 14
100mm Sliding Door XO0



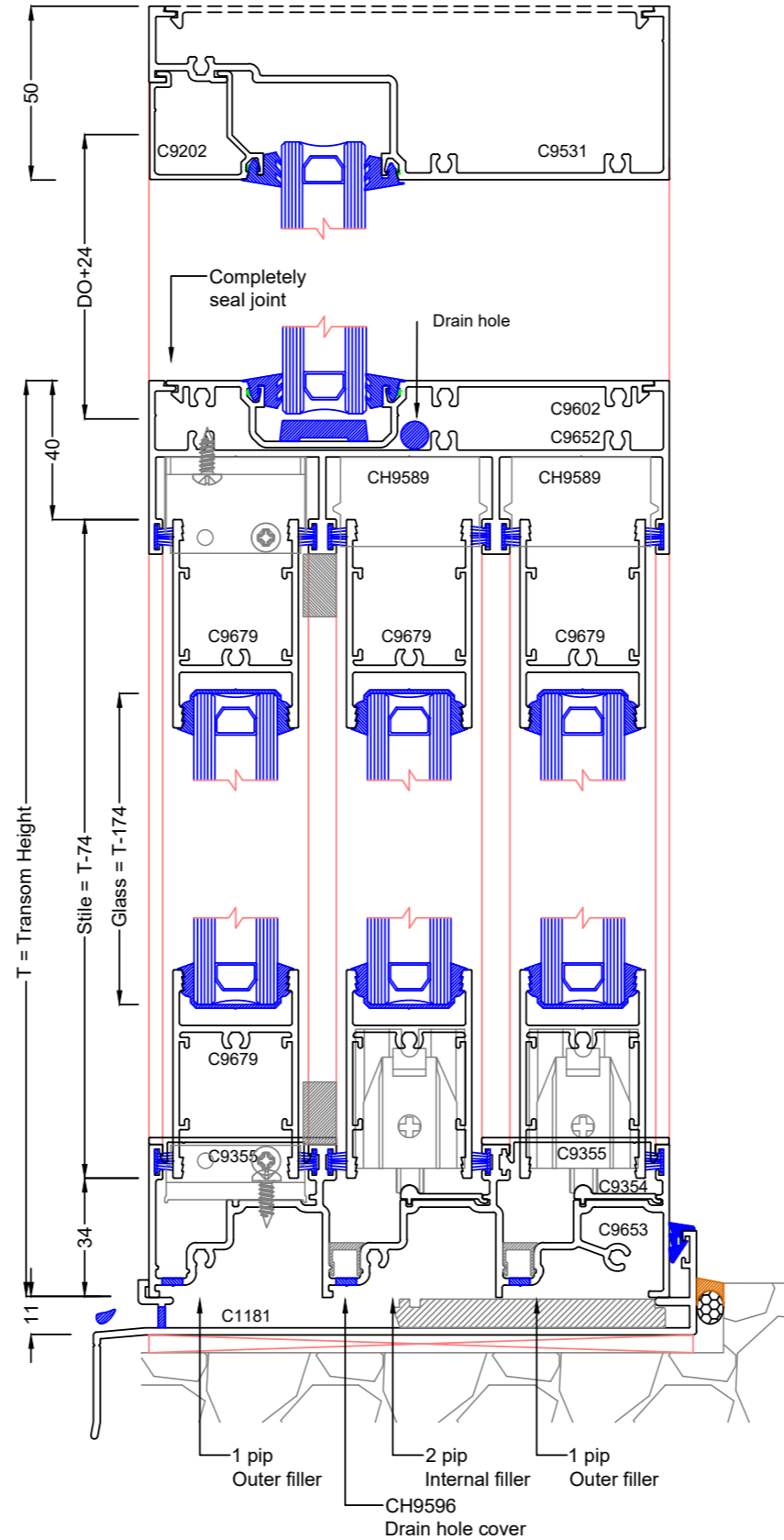
100mm Sliding Door OXXO



Max™ SLIDING DOOR
Max Framing Systems: MSLIDDOOR - 15
150mm Sliding Door XXO

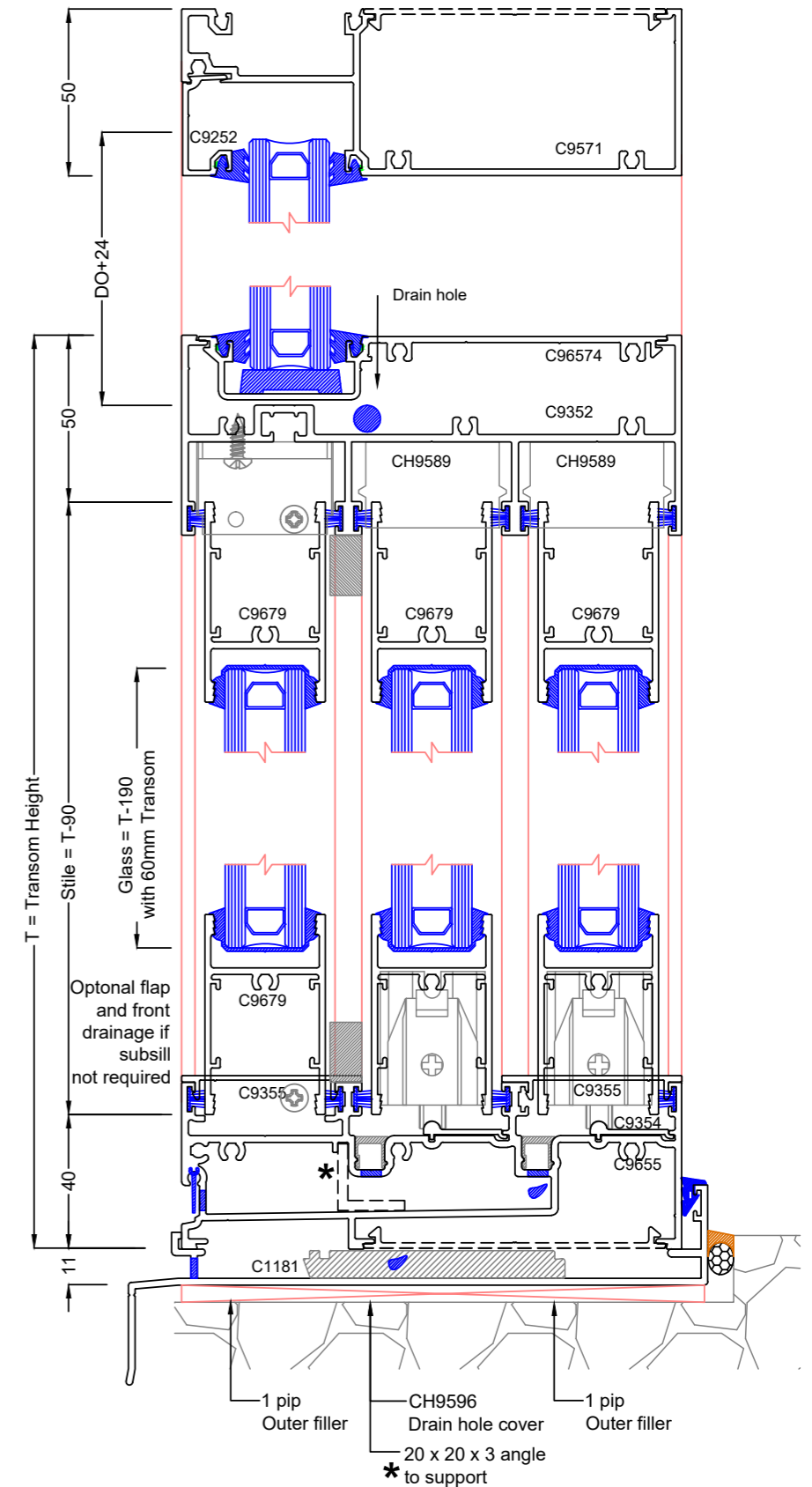


150mm Sliding Door XXO and Offset Glaze highlight



150mm Sliding Door XXO and Front Glaze highlight

With pocketed filler forming a transom, a take off bead is required at the head.
50mm Sump sill shown as it allows external screw flute to be used to assemble to Front Glaze frame.

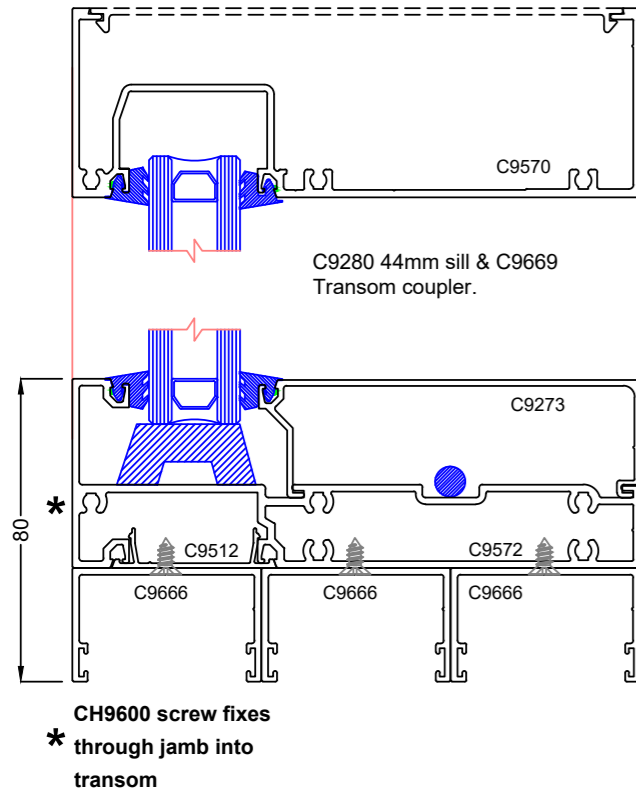


Max™ SLIDING DOOR

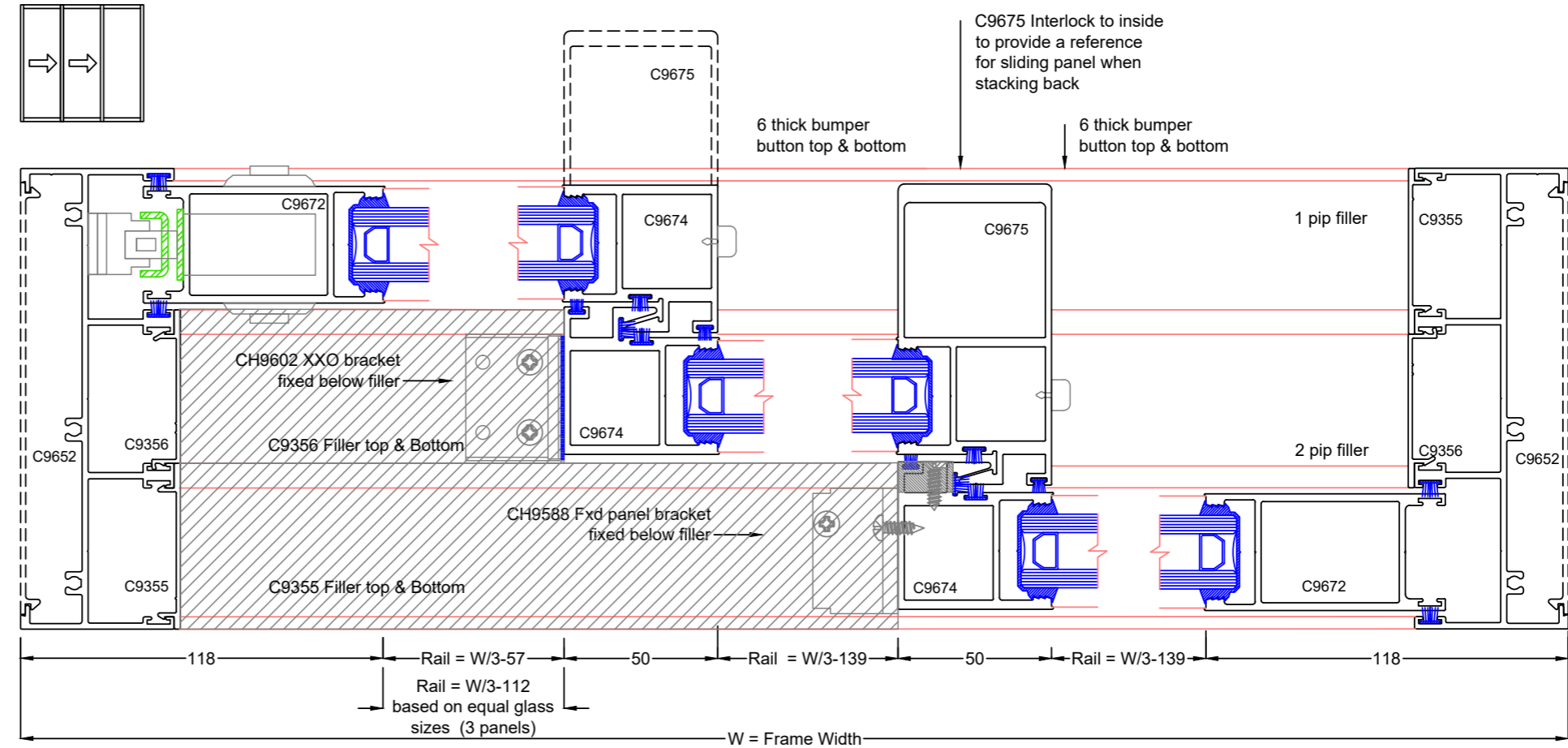
Max Framing Systems: MSLIDDOOR - 16

Alternative Transom using Plant on channels

This arrangement does not require a takeoff bead at the head.

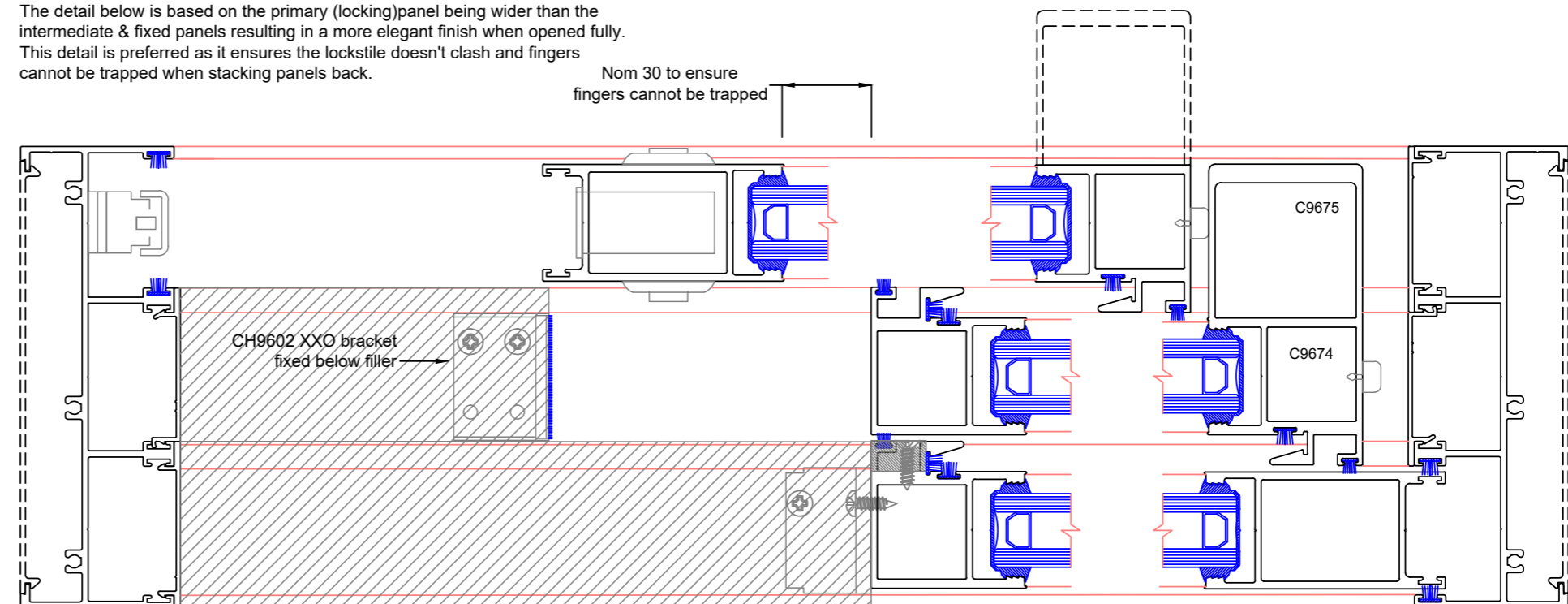


150mm Sliding Door XXO

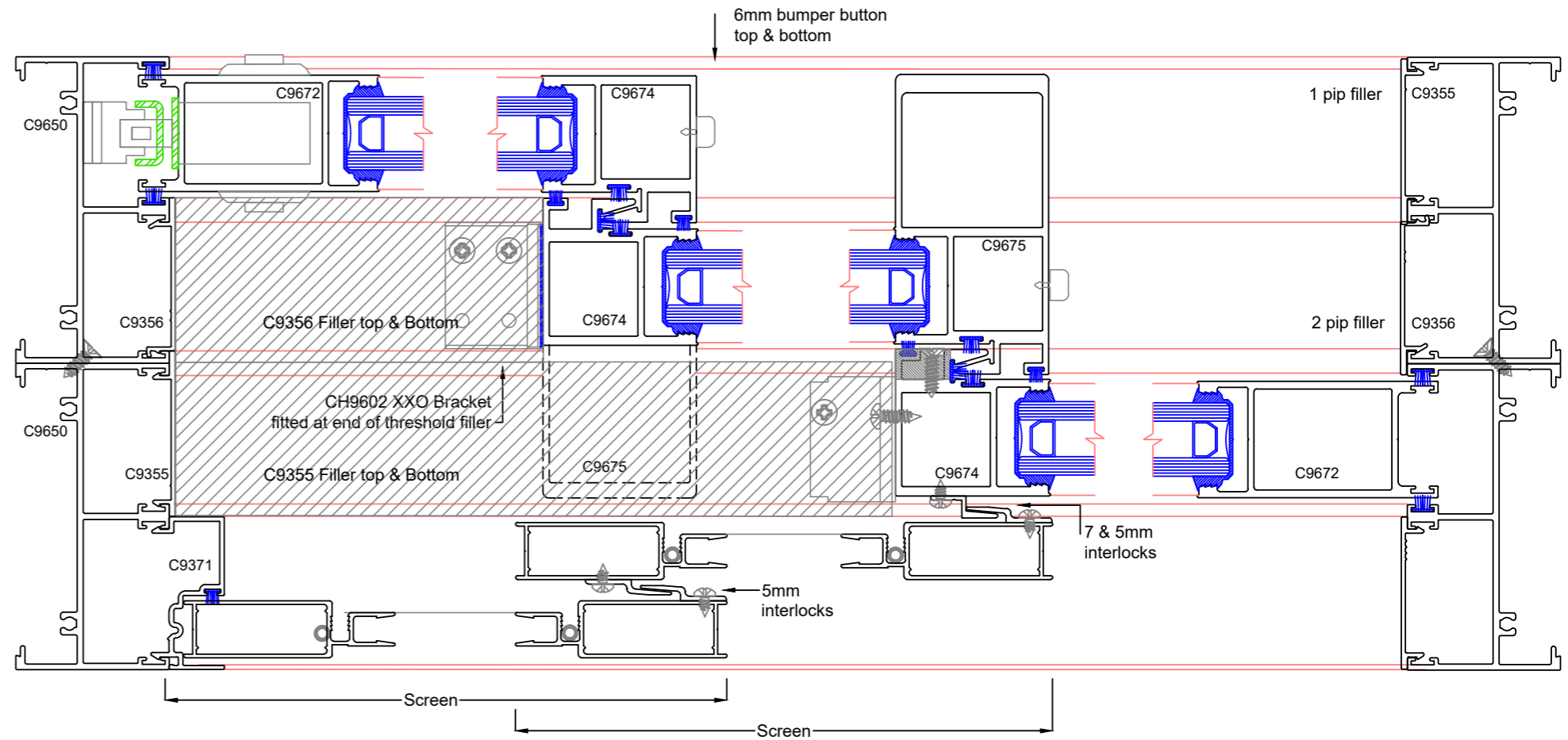
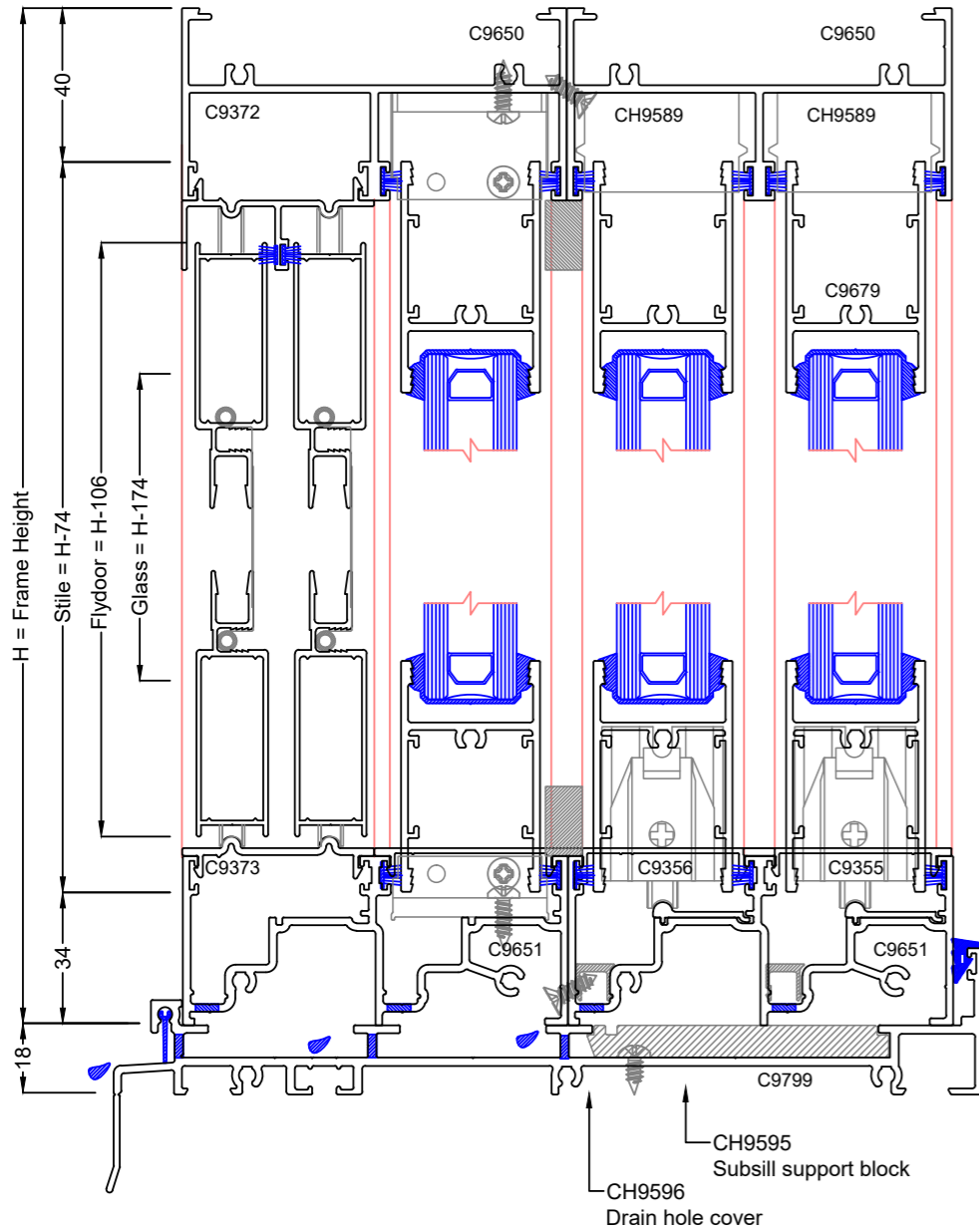
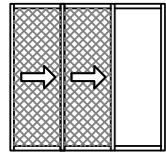


Door when fully opened

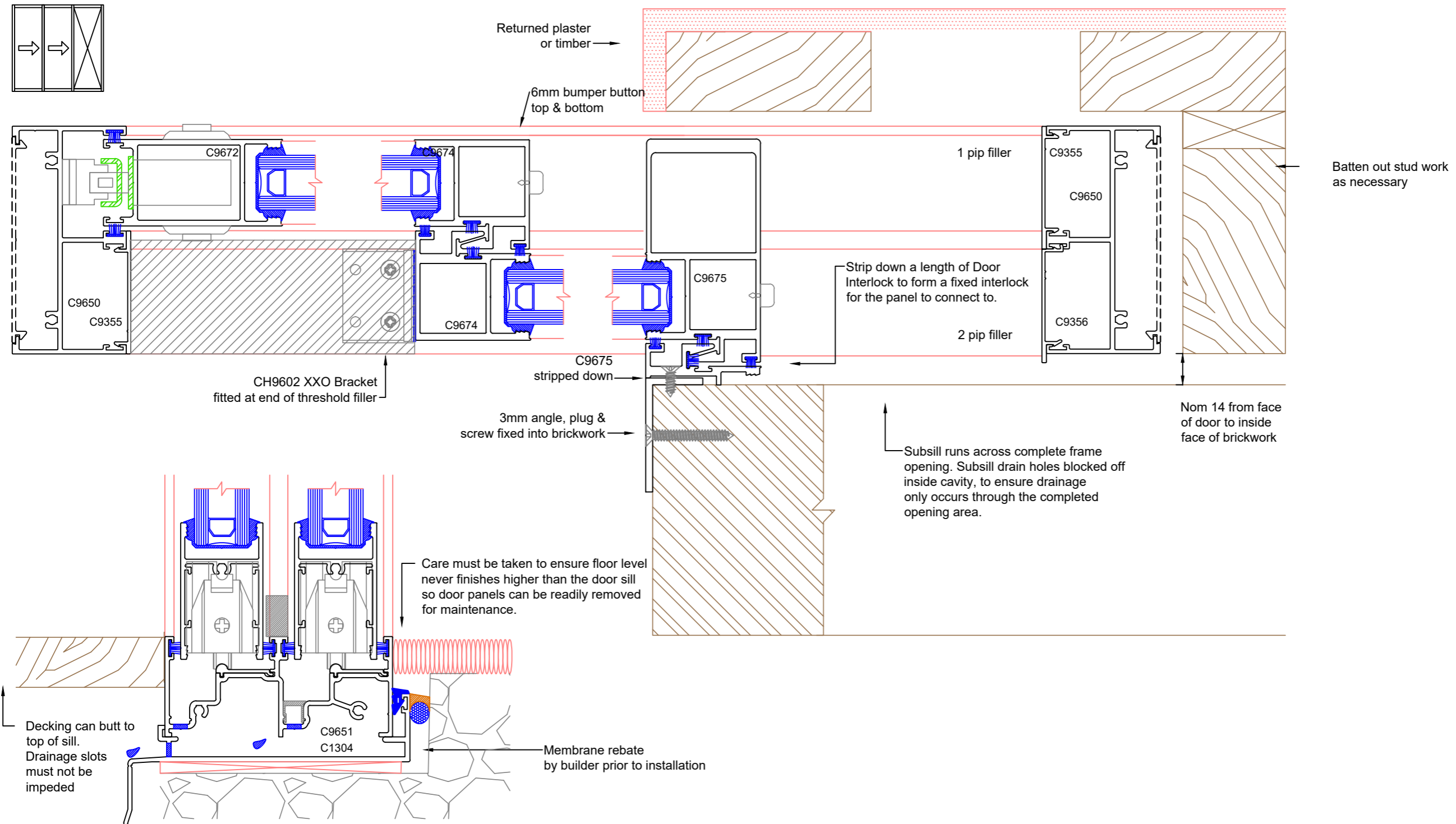
Panels can be made as equal glass size but when opened fully do not stack neatly. The detail below is based on the primary (locking) panel being wider than the intermediate & fixed panels resulting in a more elegant finish when opened fully. This detail is preferred as it ensures the lockstile doesn't clash and fingers cannot be trapped when stacking panels back.



Max™ SLIDING DOOR
Max Framing Systems: MSLIDDOOR - 17
XXO Sliding Door with frame extender and flydoors (200mm overall)

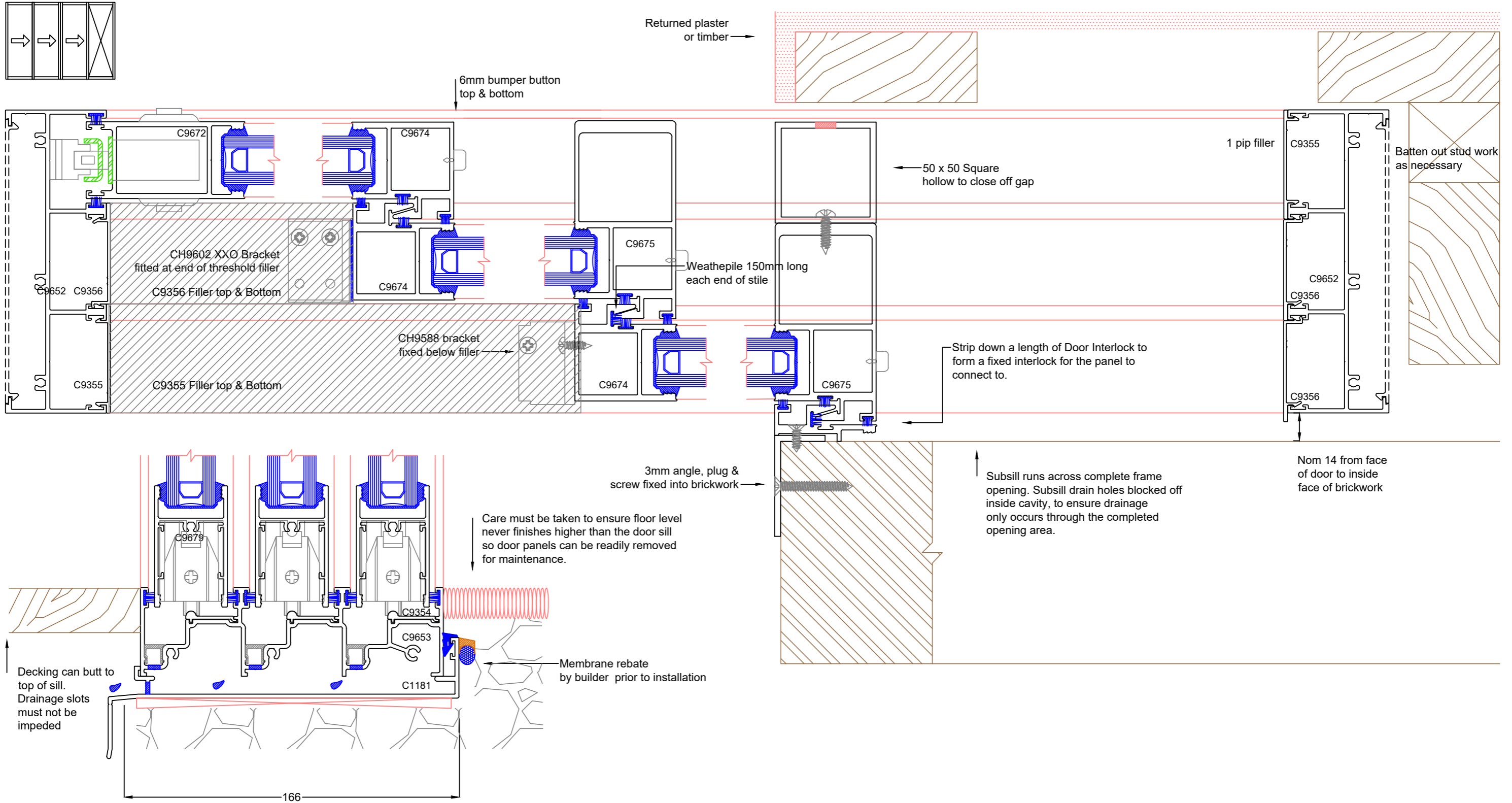


Max™ SLIDING DOOR
Max Framing Systems: MSLIDDOOR - 18
100mm Cavity Sliding Door XXC



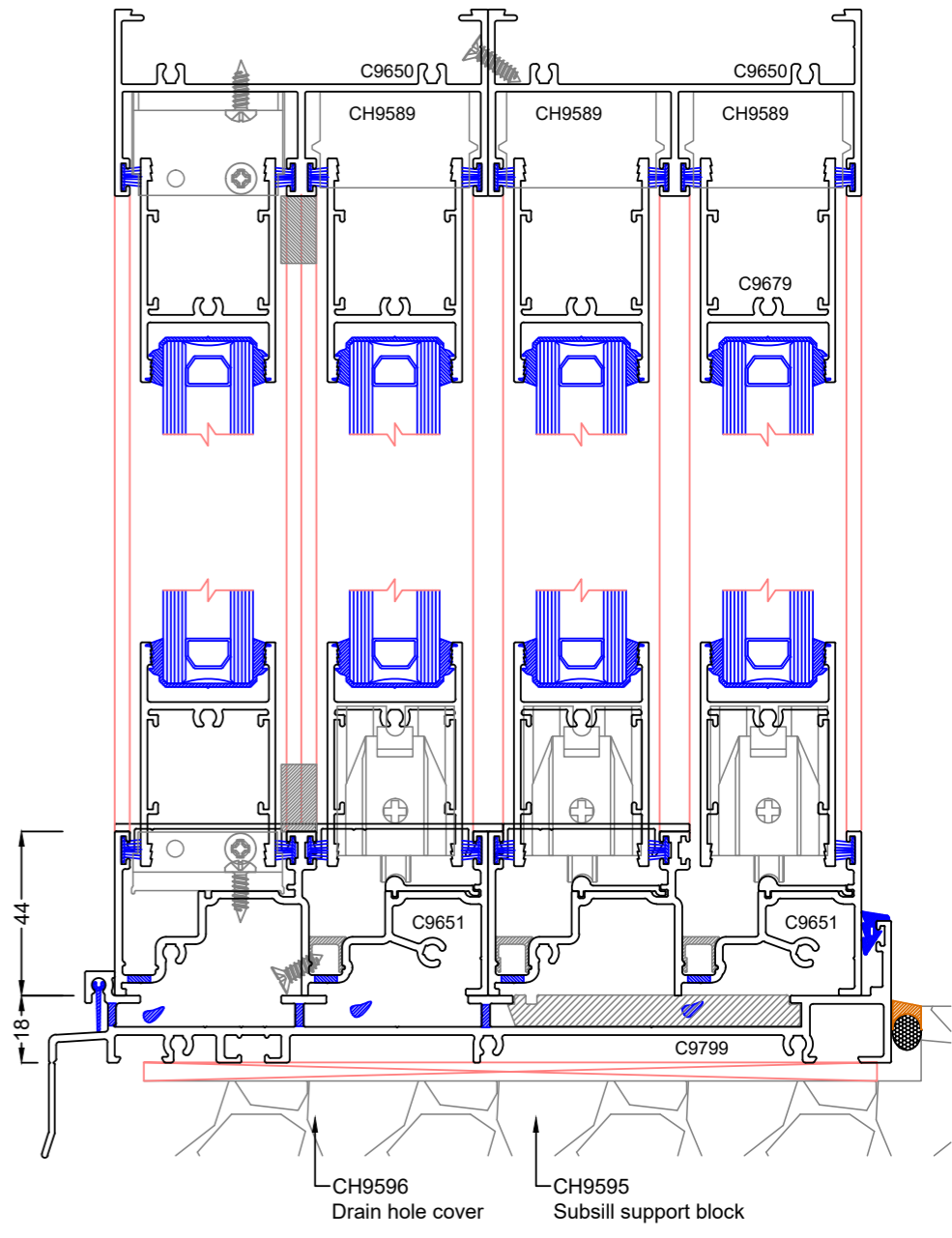
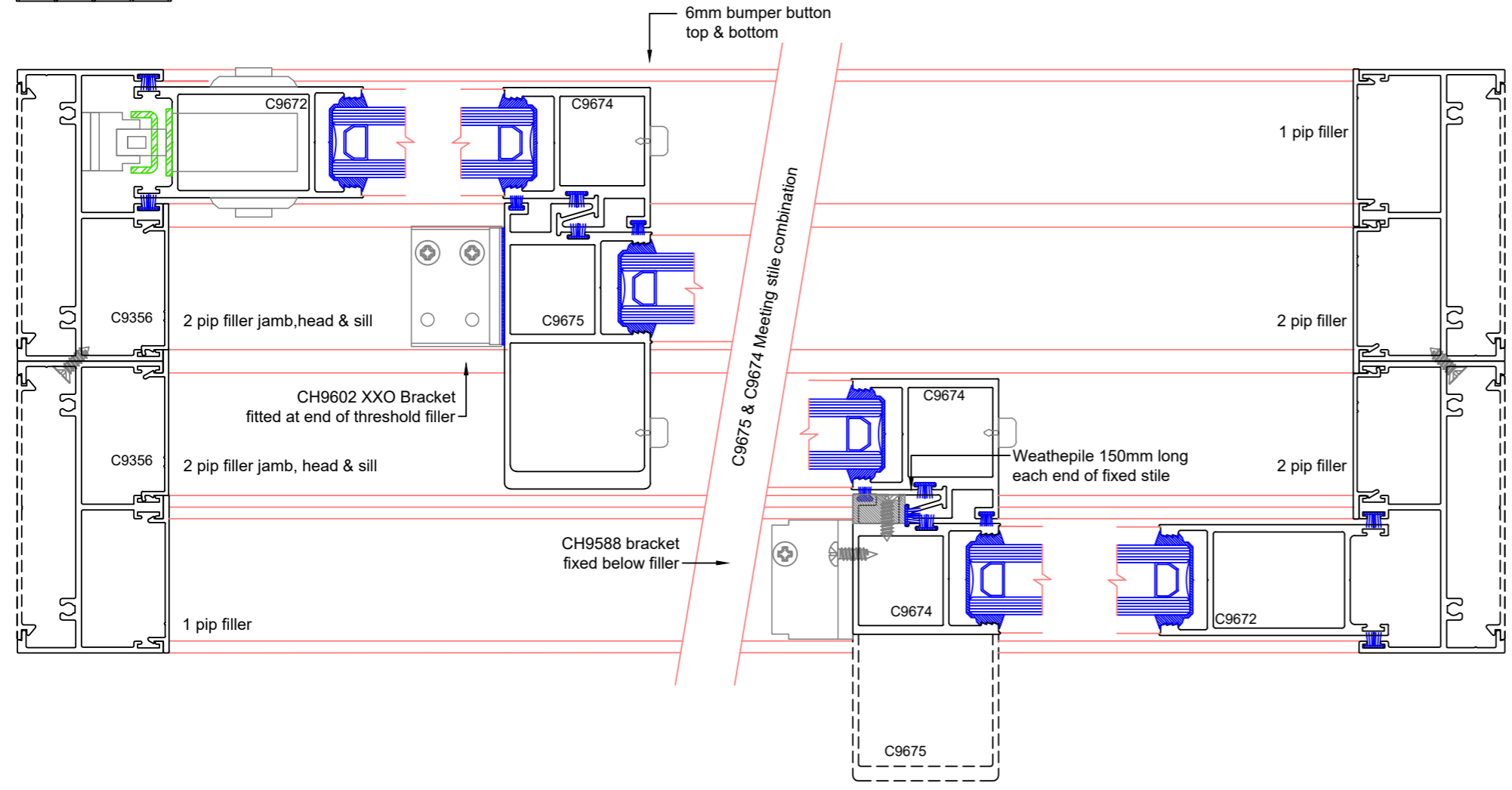
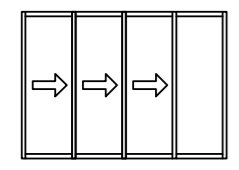
Note:
The principles of a cavity door are quite simple & can be applied to any configuration door. It is important to fit the subsill continuously across the opening (taking care to block drainage holes within the cavity area to direct water only through the opening), & brickwork completed after frame installation. The internal wall should be framed afterwards. Take particular care to keep the inside wall of brickwork clean & clear of loose mortar and debris.

Max™ SLIDING DOOR
Max Framing Systems: MSLIDDOOR - 19
150mm Cavity Sliding Door XXXC

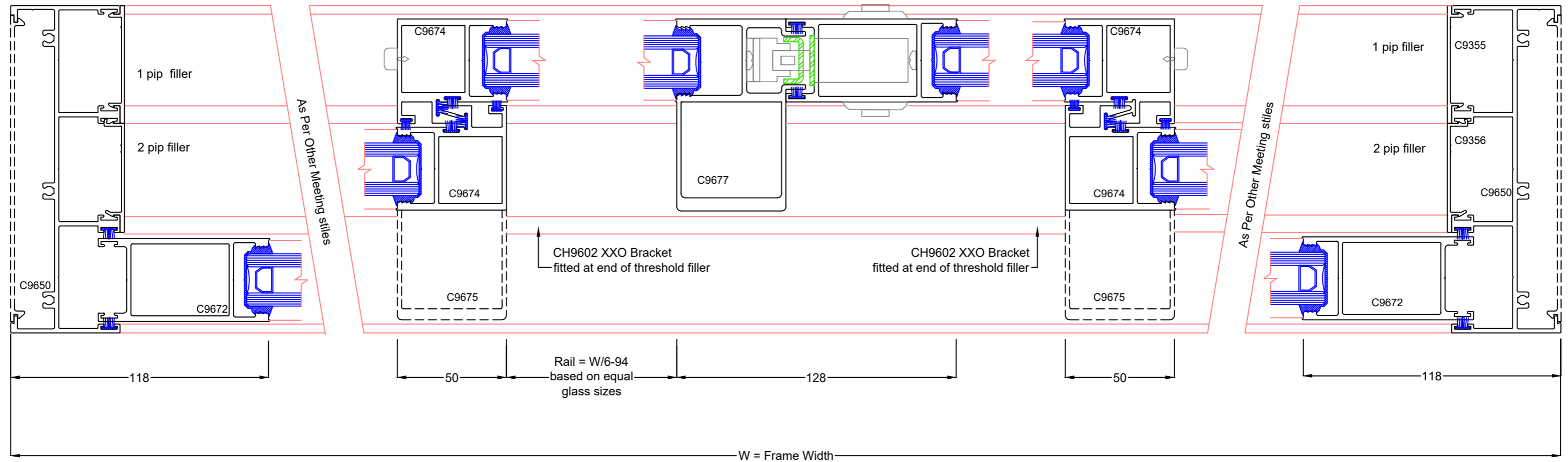
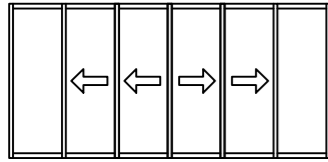


Note:
The principles of a cavity door are quite simple and can be applied to any configuration door. It is important to fit the subsill continuously across the opening (taking care to block drainage holes within the cavity area to direct water only through the opening), and brickwork completed after frame installation. The internal wall should be framed afterwards. Take particular care to keep the inside wall of brickwork clean and clear of loose mortar and debris.

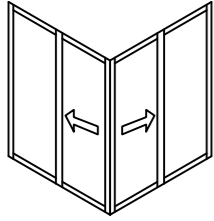
Max™ SLIDING DOOR
Max Framing Systems: MSLIDDOOR - 20
200mm Sliding Door 4 Track XXXO



Max™ SLIDING DOOR
Max Framing Systems: MSLIDDOOR - 21
150mm Sliding Door OXXXXO



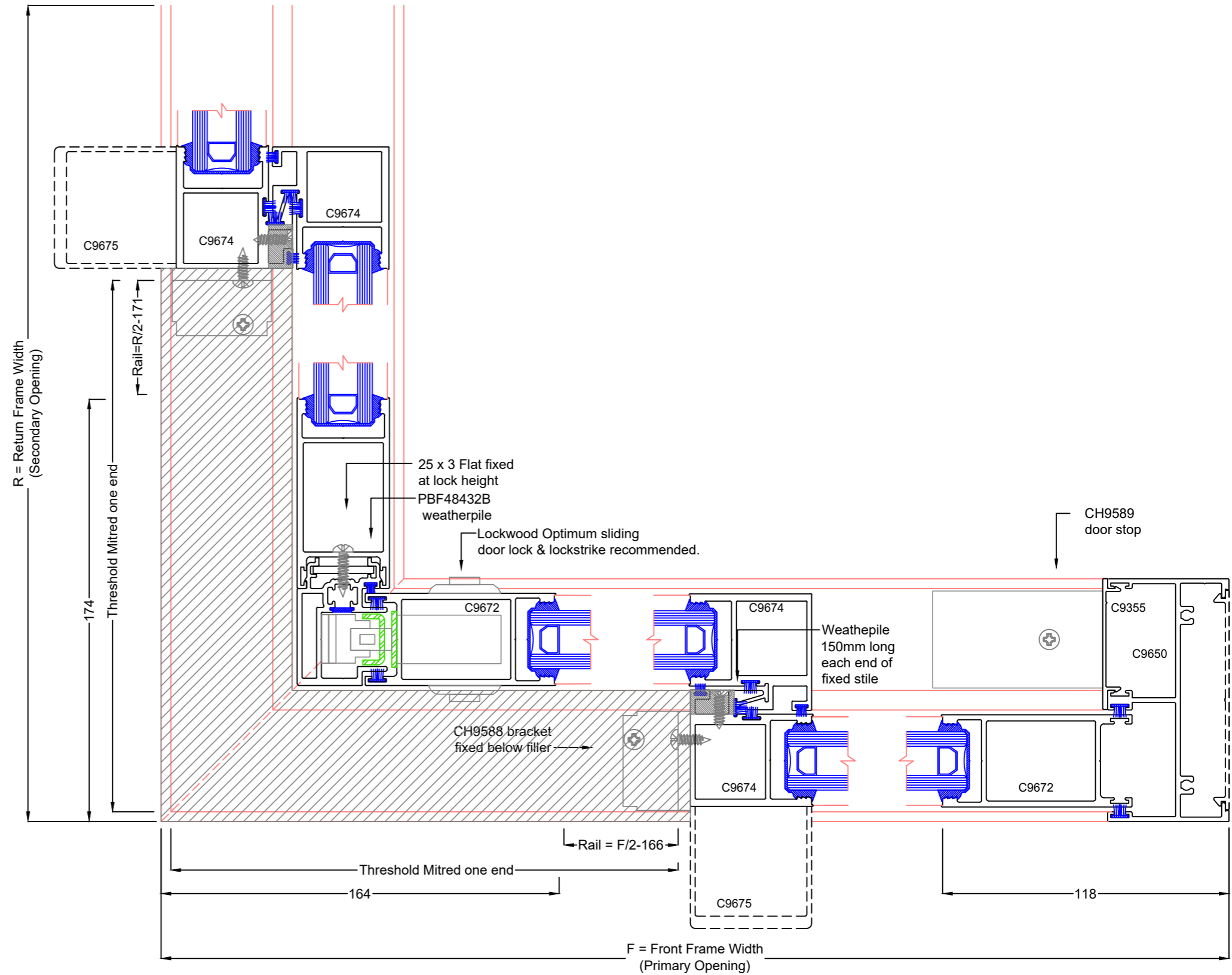
Max™ SLIDING DOOR
Max Framing Systems: MSLIDDOOR - 22
Corner Door Detail



Corner Sliding Doors

Many different configurations can be created but are usually combinations of 3, 3 or 4 panels stacking each way. Odd and even combinations (like 3 front, 2 return) can be also created.

Note carefully that corner doors require careful preparation by the builder to ensure lintels and beams are sufficiently adequate to fully support the corner of the opening as aluminium products cannot be load bearing in any way.



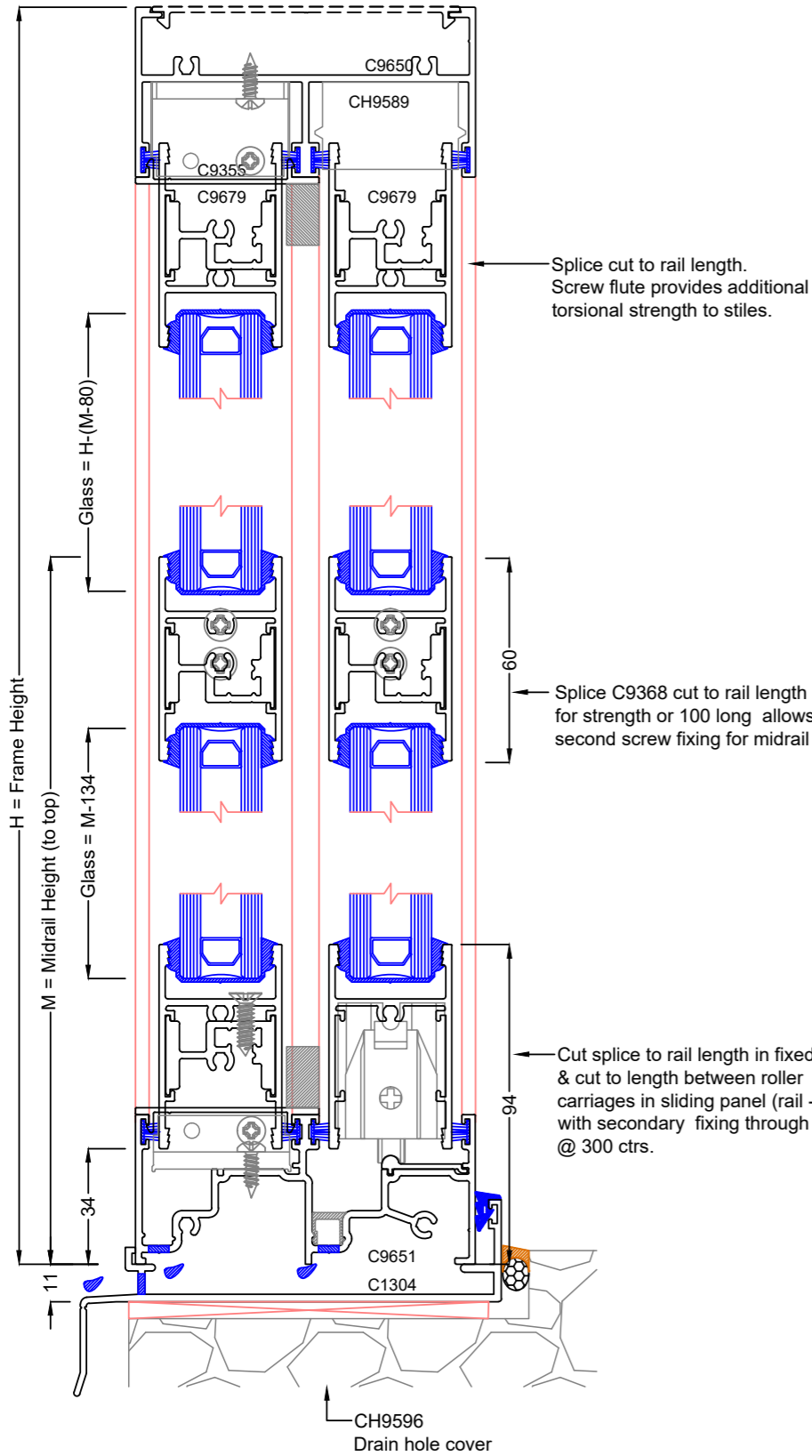
Max™ SLIDING DOOR

Max Framing Systems: MSLIDDOOR - 23

Sliding Standard 60mm Door Rail, Midrail & Splice detail

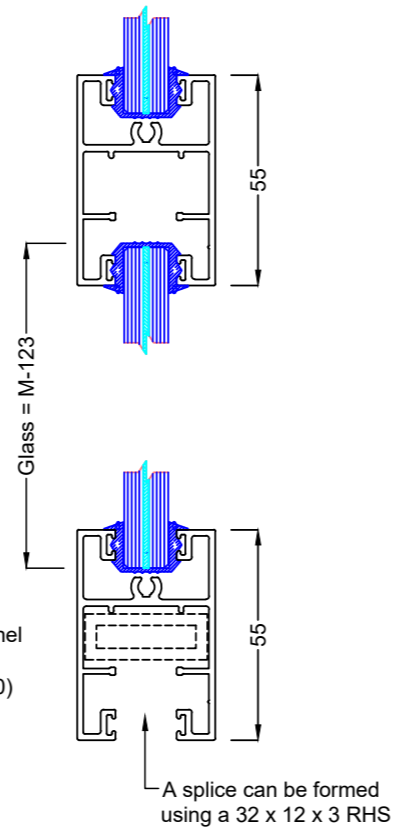
Midrails use a segment of splice to provide an additional screw fixing into the midrail. Splices can be used full length in a midrail for additional strength.

A splice is also used on wide panels (in both top and bottom rails) and provides additional torsional strength to a panel, and assists in taking the weight of glass in a heavy panel.



Single Glazed Midrail

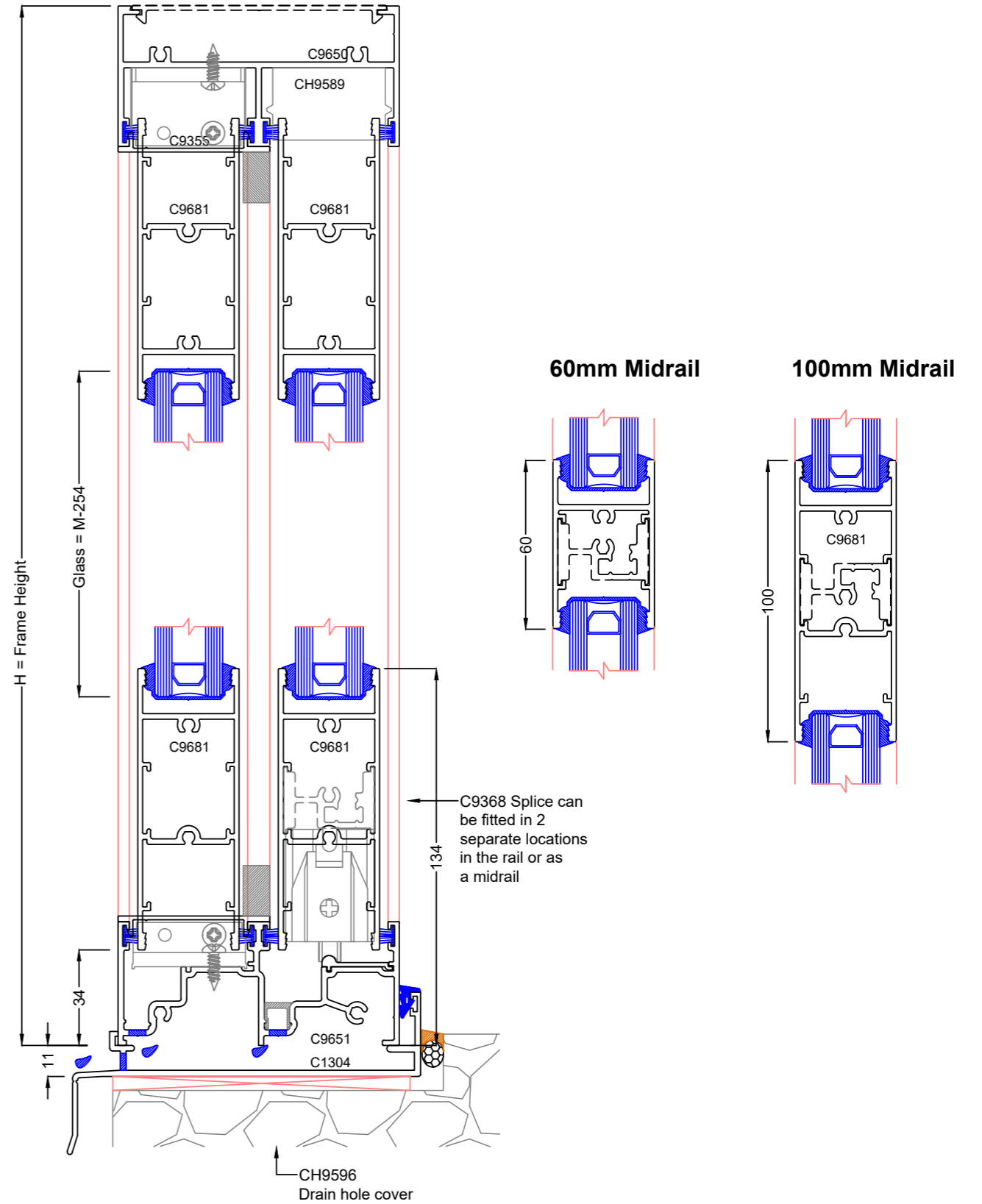
Note: The single glazed rail is 55mm (different to 60mm double glazed) and can also be used as a midrail.



100mm Door Rail, Midrail & Splice detail

A 100mm Deep Double Glazed Rail or Midrail is available. The rail can be used top & bottom or just at the bottom as a kick rail. It provides greater torsional strength (2 screw flutes) and may support heavier doors better than the standard 60mm rail.

The 100mm Rail can also accept a splice for additional strength when needed.

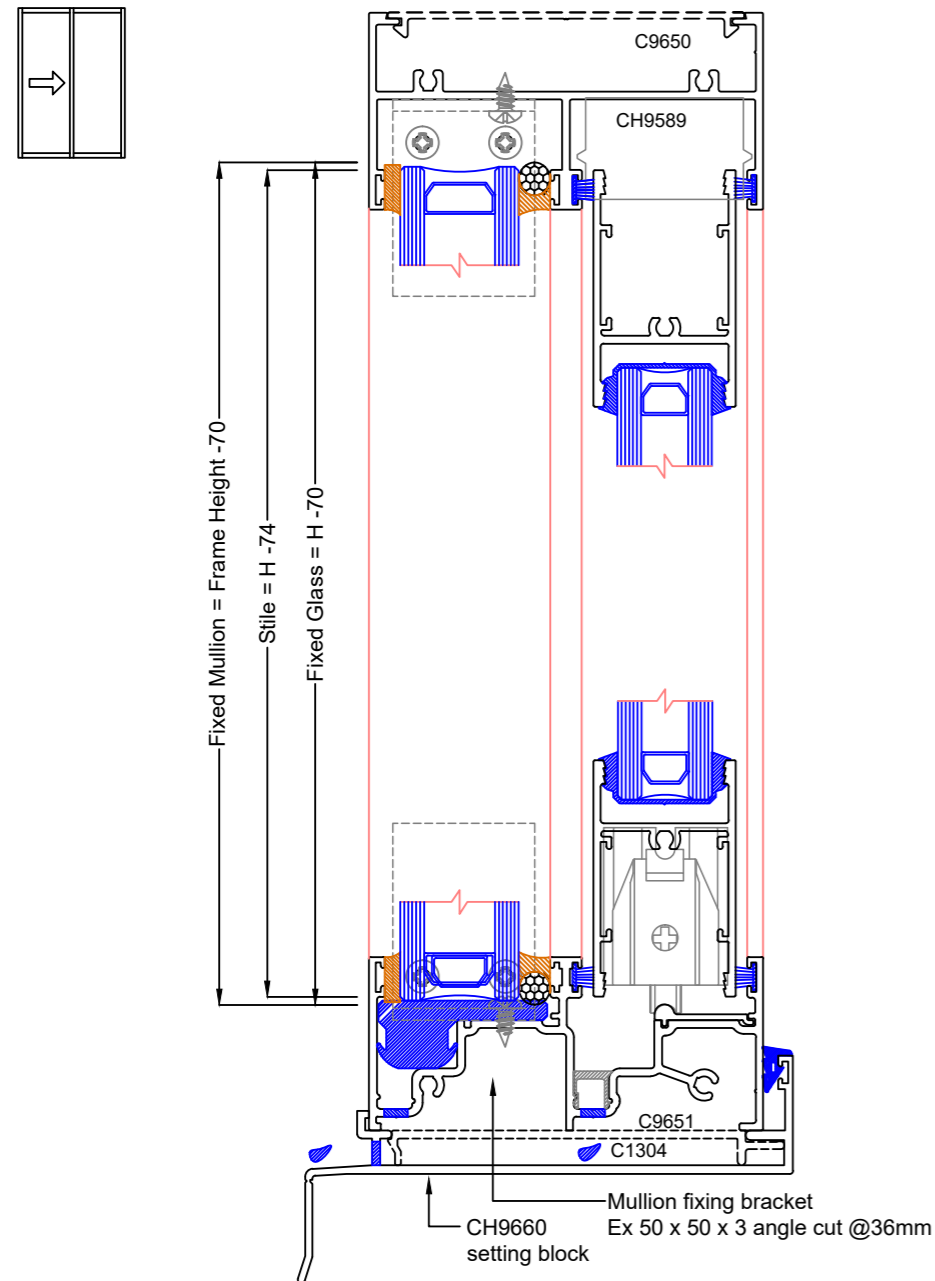


Max™ SLIDING DOOR
Max Framing Systems: MSLIDDOOR - 24
Alternate Glaze in Frame Fixed

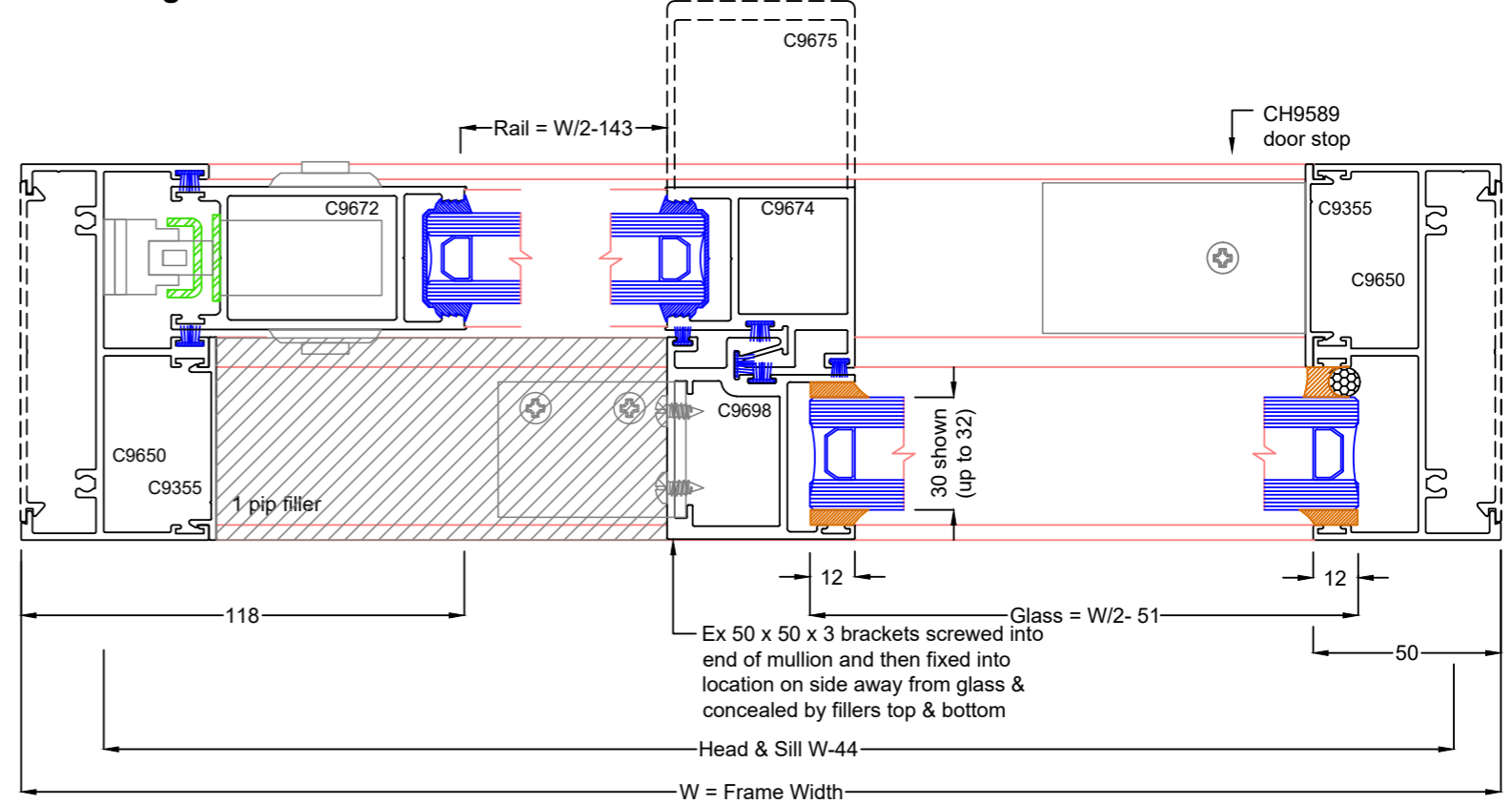
It is often desirable to achieve an "infinity" look on door sills and often also to recess door frames into an opening. Sliding doors are usually constructed as fixed and sliding panels. This variation of the product achieves the following:

- Reduced sightlines on the fixed panel, consistent to that of a fixed frame
- Allows outer frames to be assembled unglazed and lifted as one (with mullion in situ)
- Allows the fixed panel to be site glazed (often fabricator preference) - although the sliding panel is still factory glazed
- Creates a glazing rebate that allows larger IGUs up to 32mm into the fixedlight. A future initiative will be new door panel extrusions allowing up to 30mm IGUs, to complement the larger capacity of the fixedlight.
- More cost effective than a fixed panel
- Improved Uw and SHGC

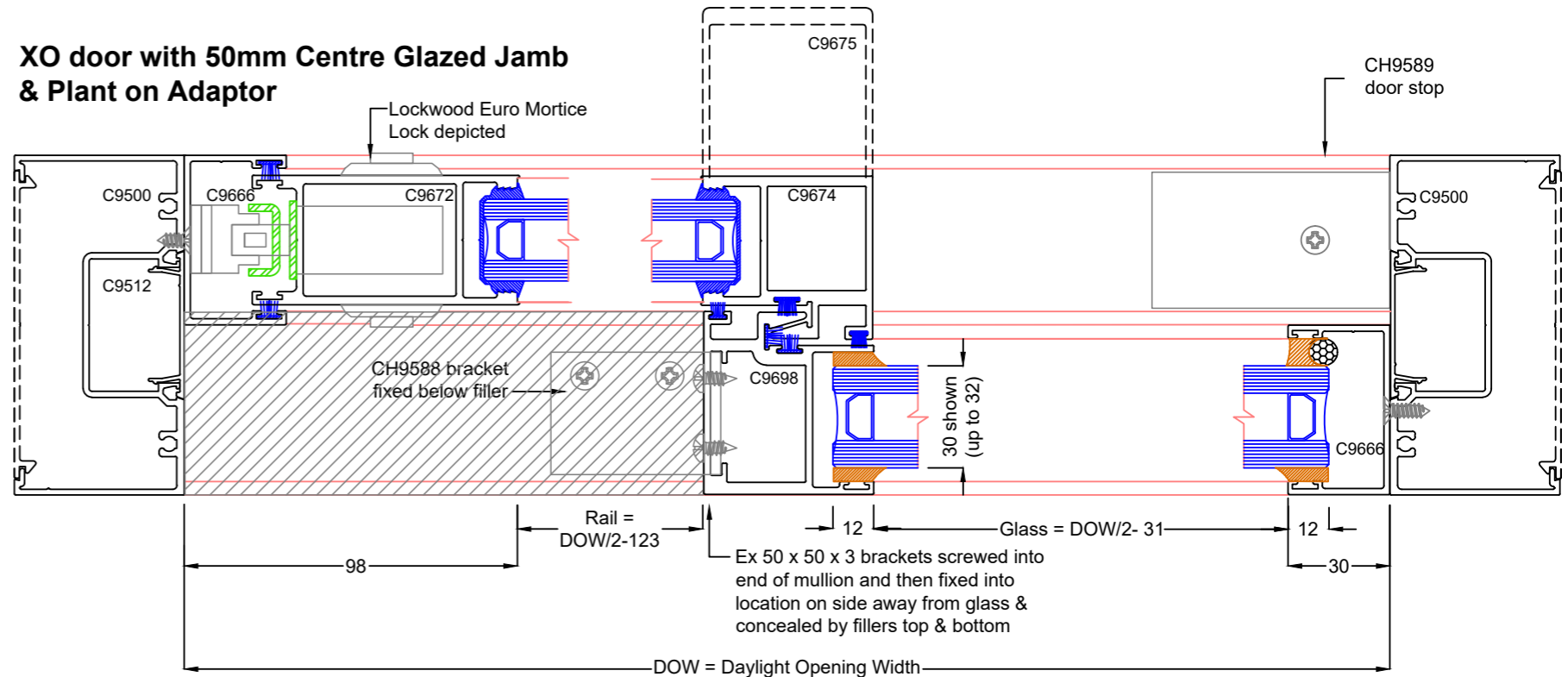
NOTE: not available single glazed



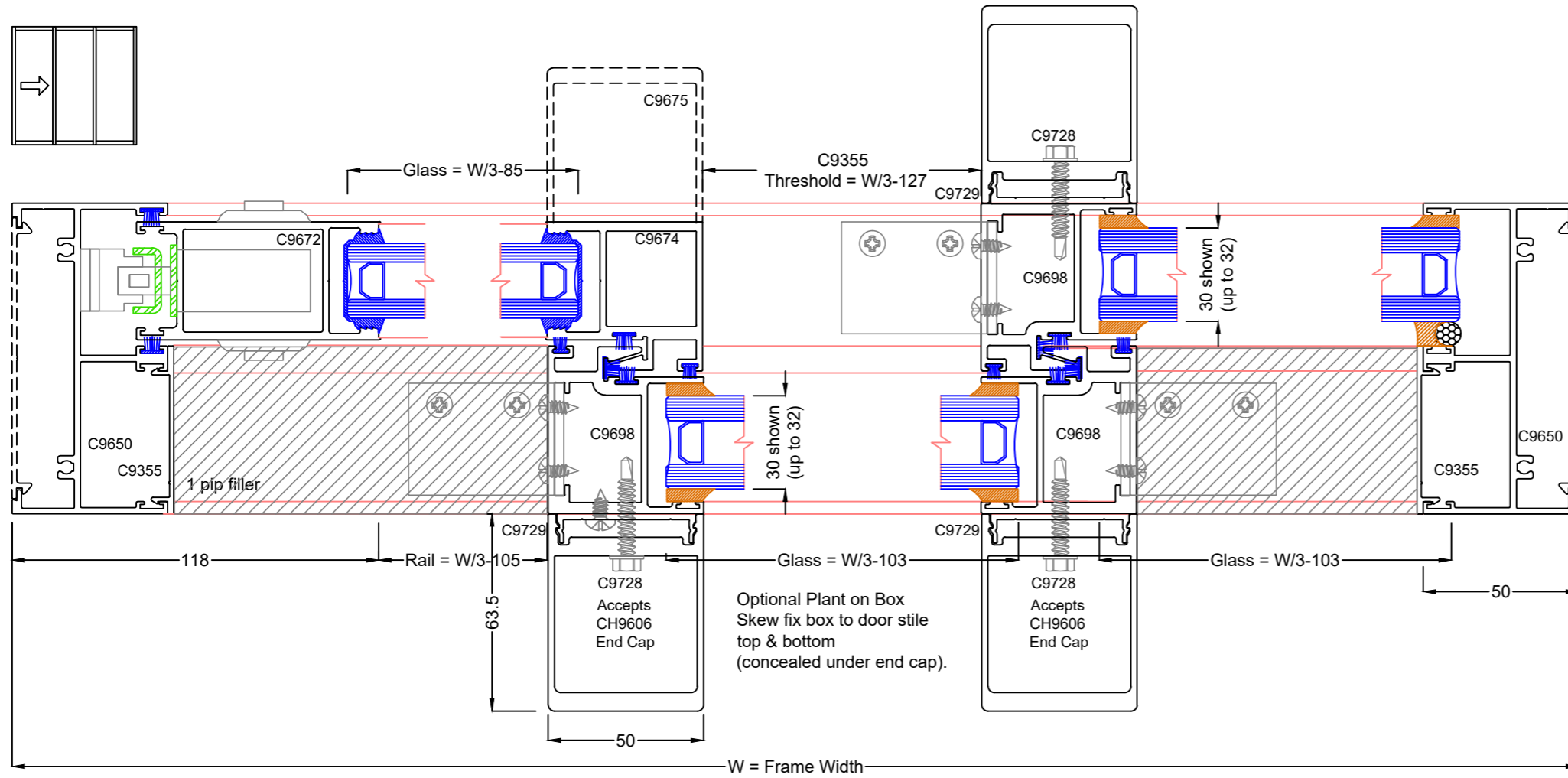
XO Sliding Door - Glaze in Frame Fixed



XO door with 50mm Centre Glazed Jamb & Plant on Adaptor



Max™ SLIDING DOOR
Max Framing Systems: MSLIDDOOR - 25
Alternate Glaze in Frame Sliding Door XO0

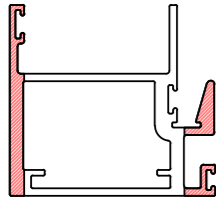


Max™ SLIDING DOOR

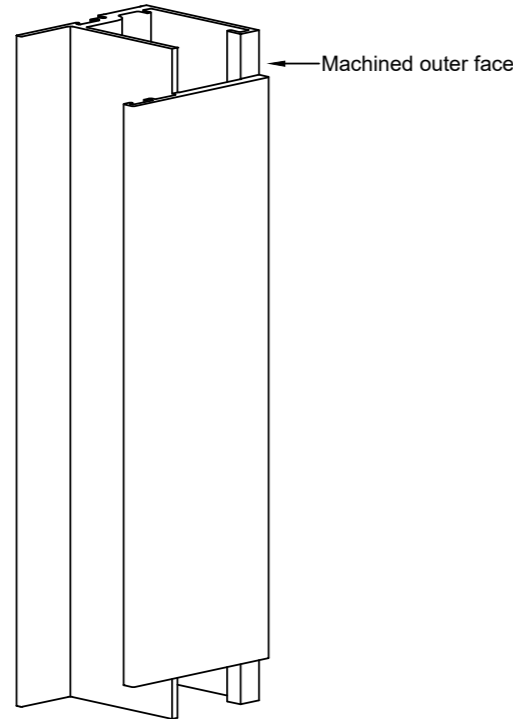
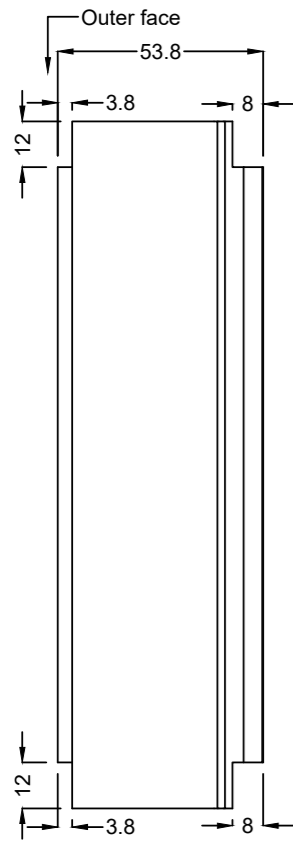
Max Framing Systems: MSLIDDOOR - 26

Machining Details - Fixed Mullion

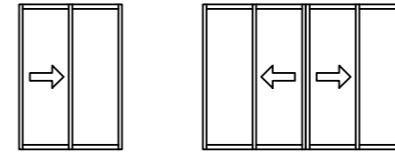
The Fixed Mullion requires end milling and the operation is not performed in our standard press tooling.



C9698
Fixed Mullion

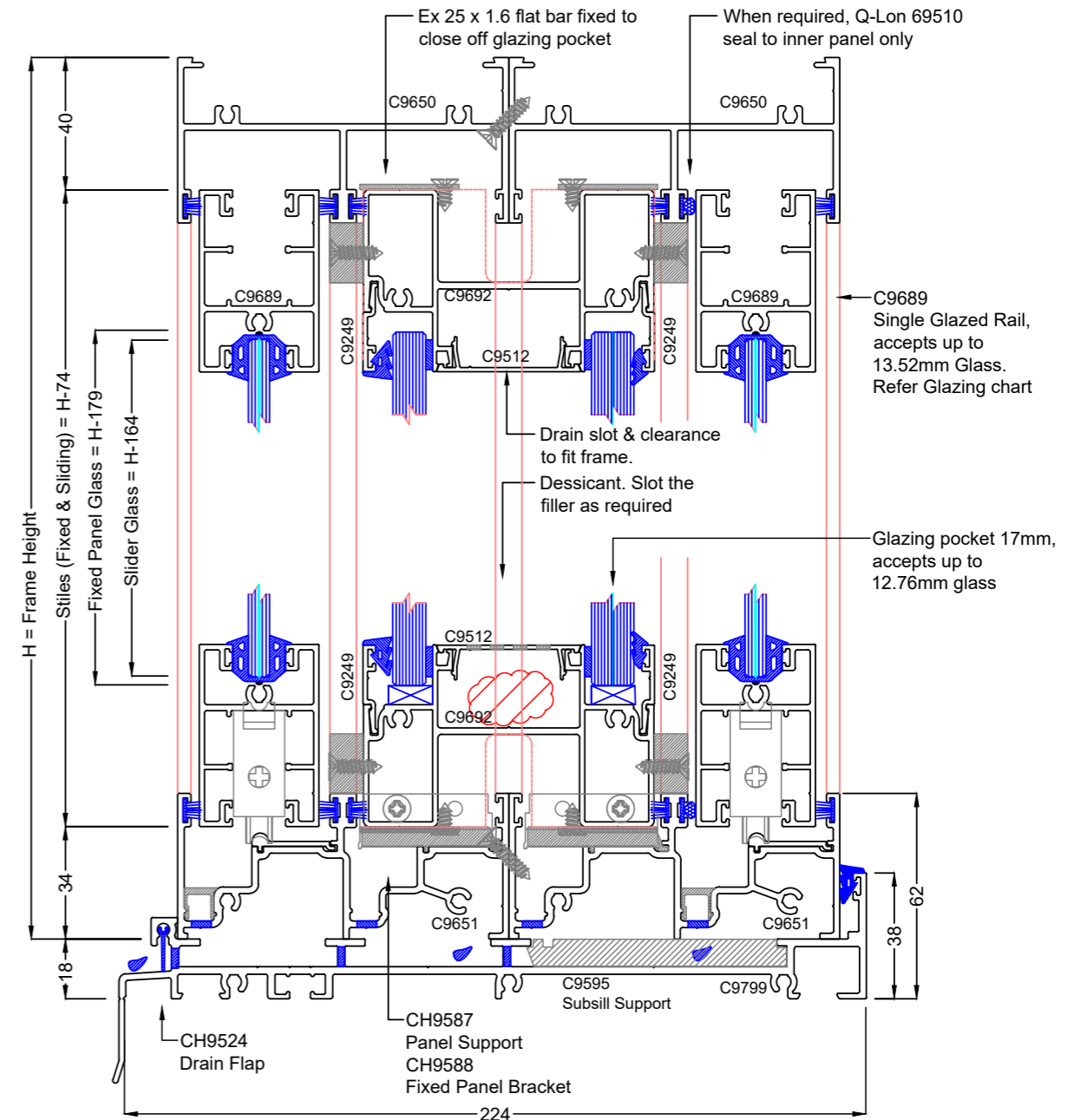


Acoustic Sliding Door

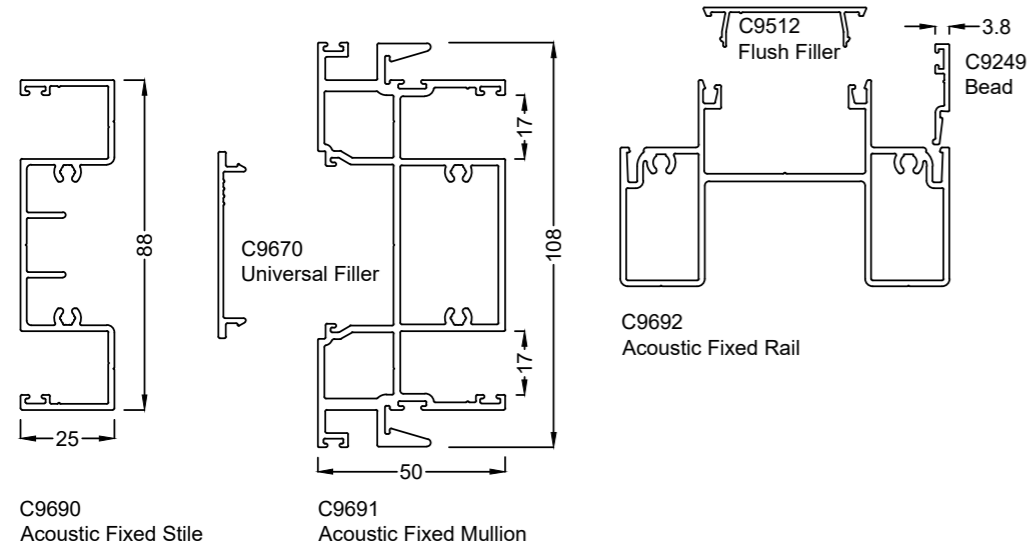


The Acoustic fixed panel can only be used on XO and OXXO Configurations. Benefits over conventional "sliding door inside door" offerings include:

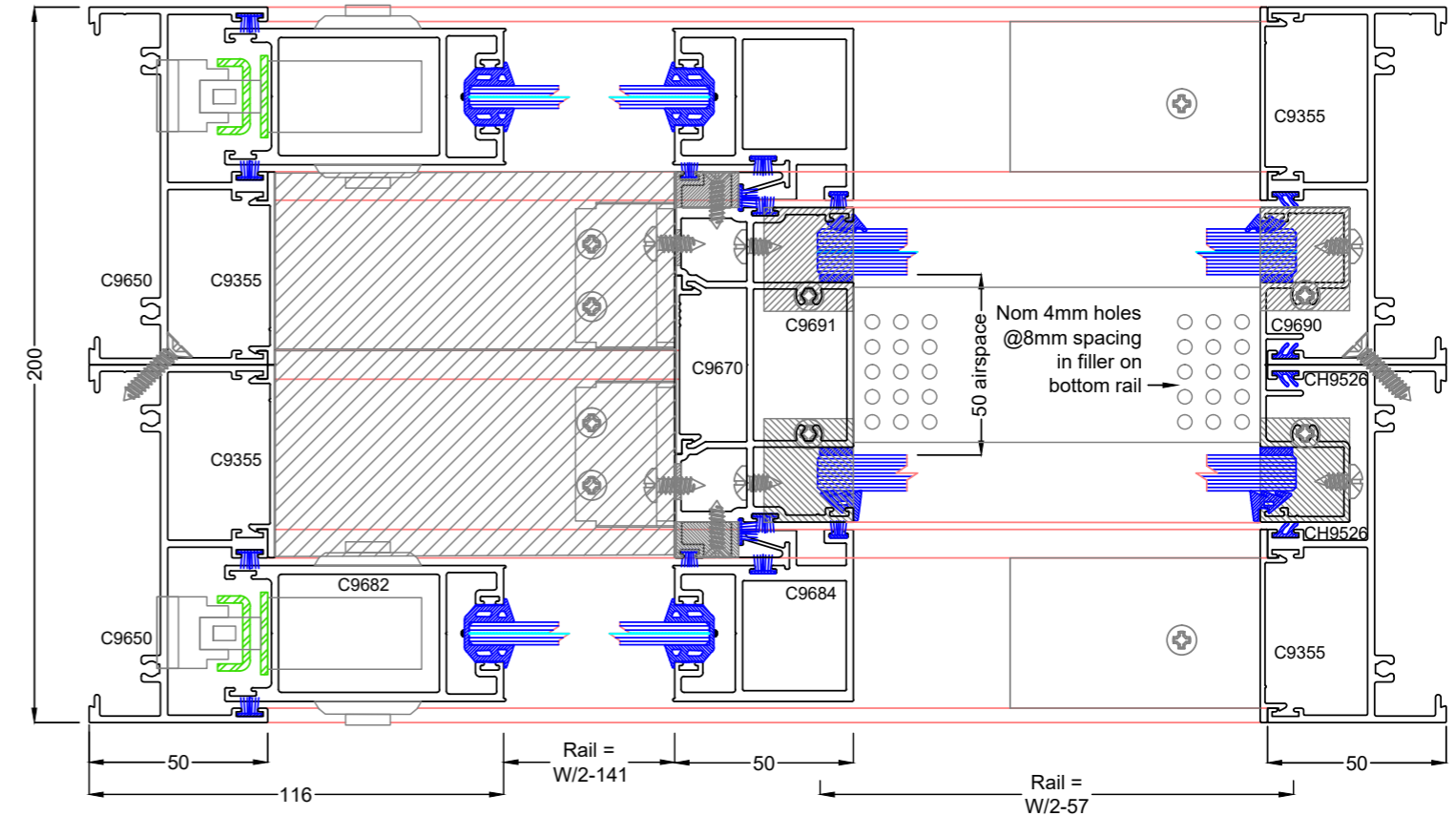
- 150mm airspace between sliding panels
- 50mm airspace in fixed allowing heavy internal / thinner external panel and achieving approx 45Rw.
- The conventional practice of "door inside door", the centre sliding panel is trapped and cannot be adjusted or removed without removing fixed panels.
- No dust trap where the outer panel slides
- Multi voids in mullion & fixed rails to improve acoustics



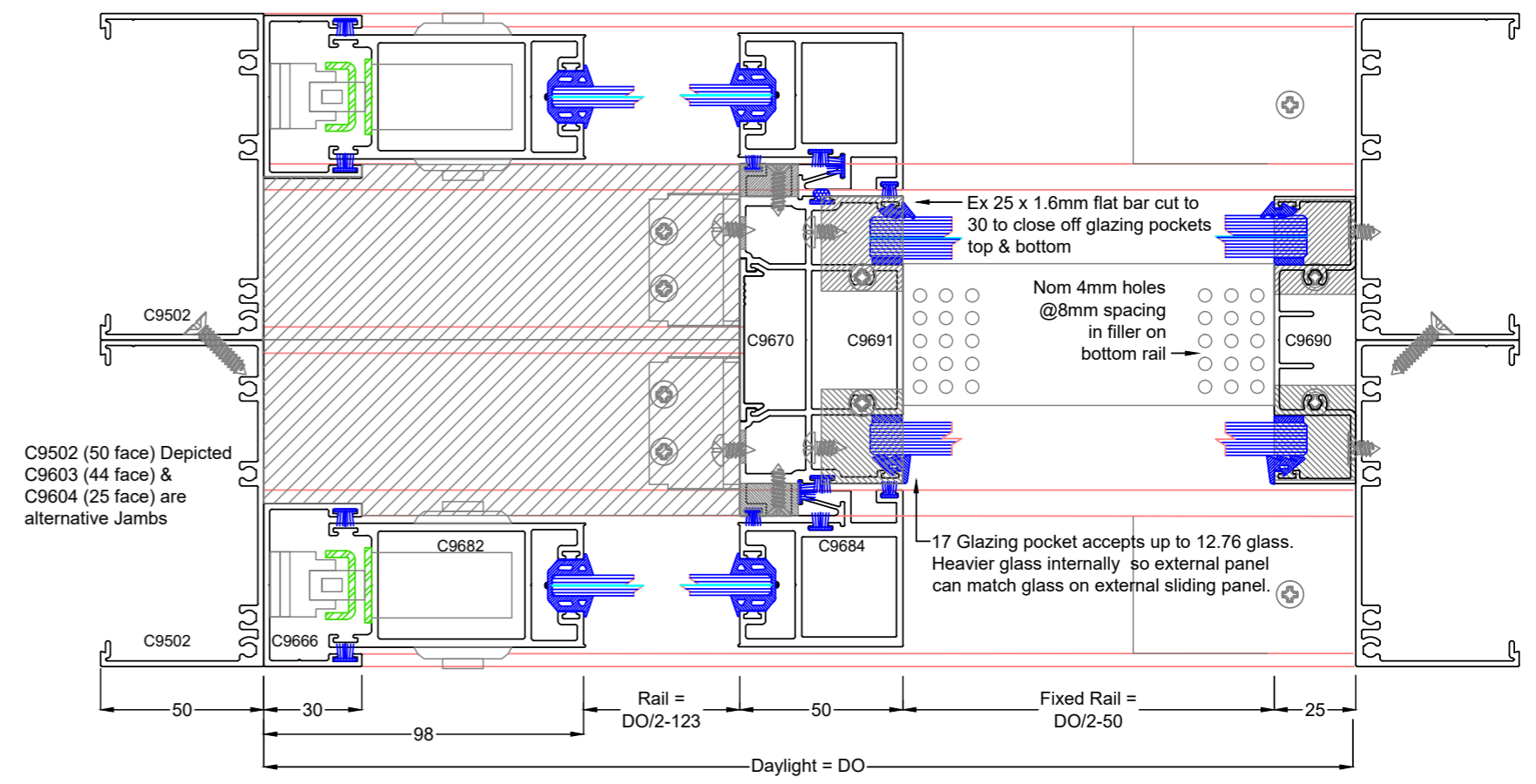
Max™ SLIDING DOOR
Max Framing Systems: MSLIDDOOR - 27
Acoustic Fixed Panel Extrusions



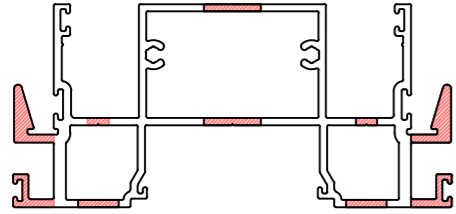
XO door with standard Jamb



Alternative Jamb using Plain Frame

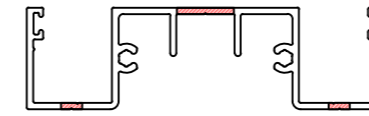
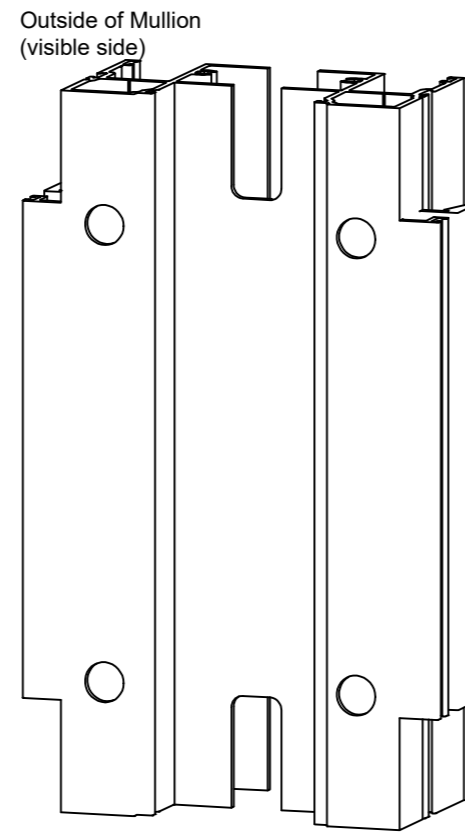
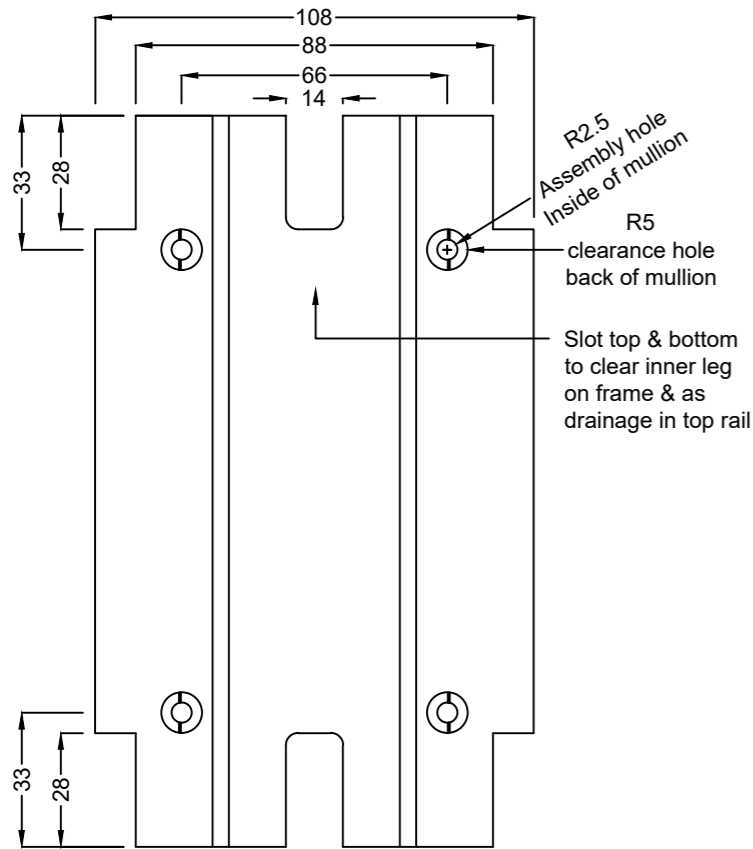


Max™ SLIDING DOOR
Max Framing Systems: MSLIDDOOR - 28
Acoustic Fixed Panel

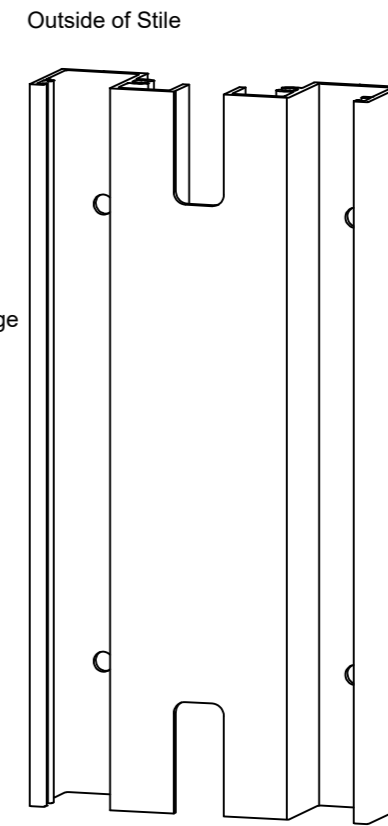
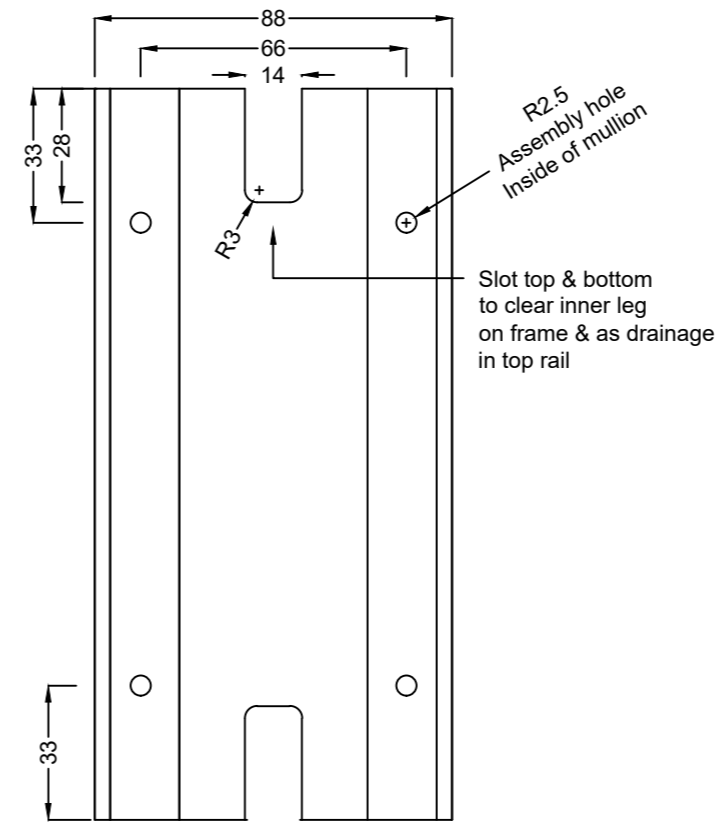


C9691 Mullion Detail

Viewed from Outside



C9690 Fixed Stile Detail



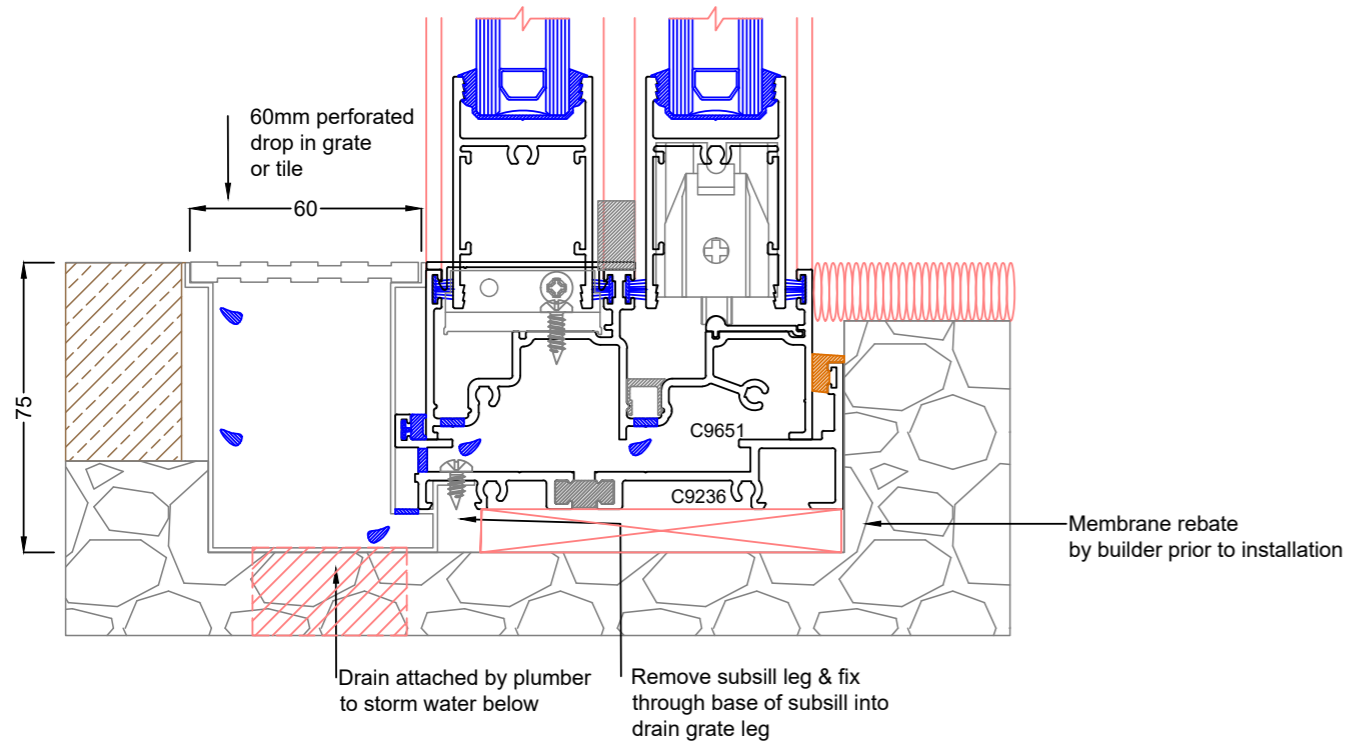
Max™ SLIDING DOOR

Max Framing Systems: MSLIDDOOR - 29

Recessed Sill with custom drain grate

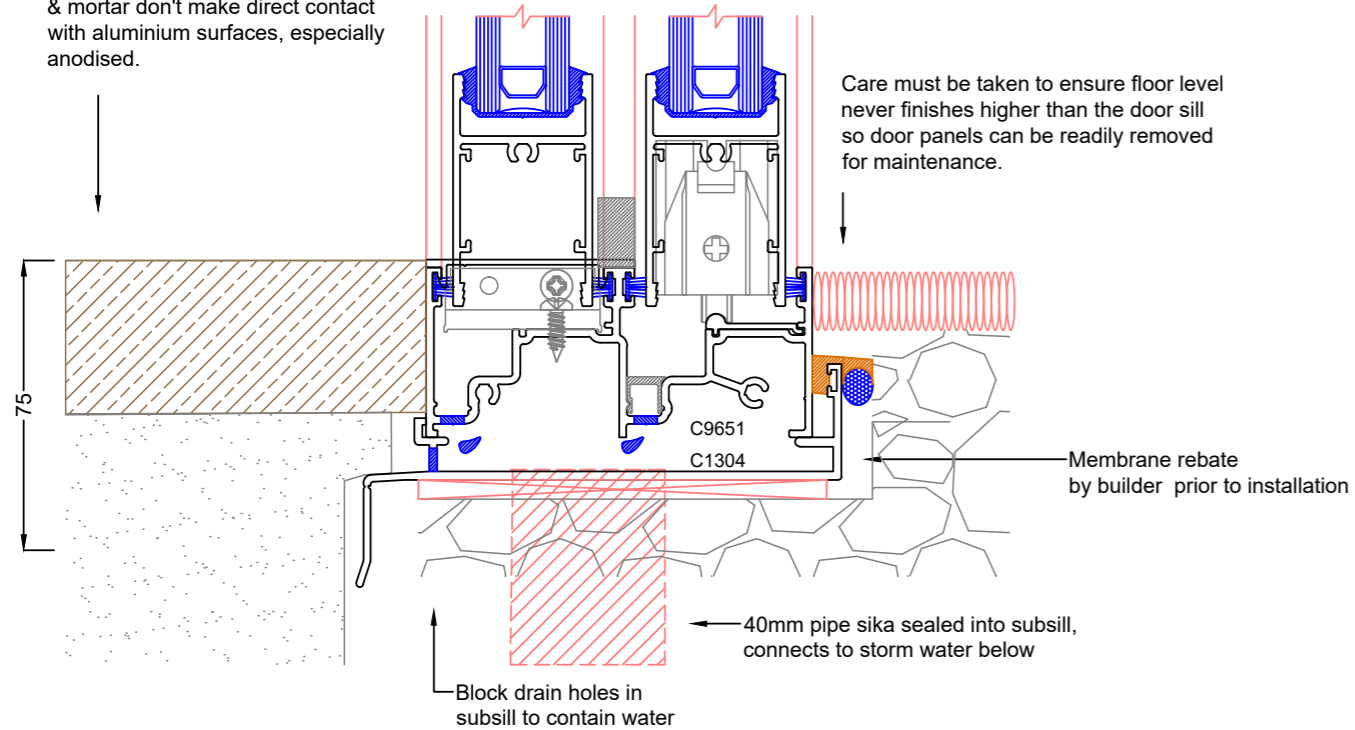
Using the feature of the door's flat sill there are many ways where this can be installed to eliminate trip hazards & finish up with a flush floor finish. Detailed below are some suggested details.

Custom fabricated stainless steel drain grate by Creative Drain Grates, Fernree Gully or similar.



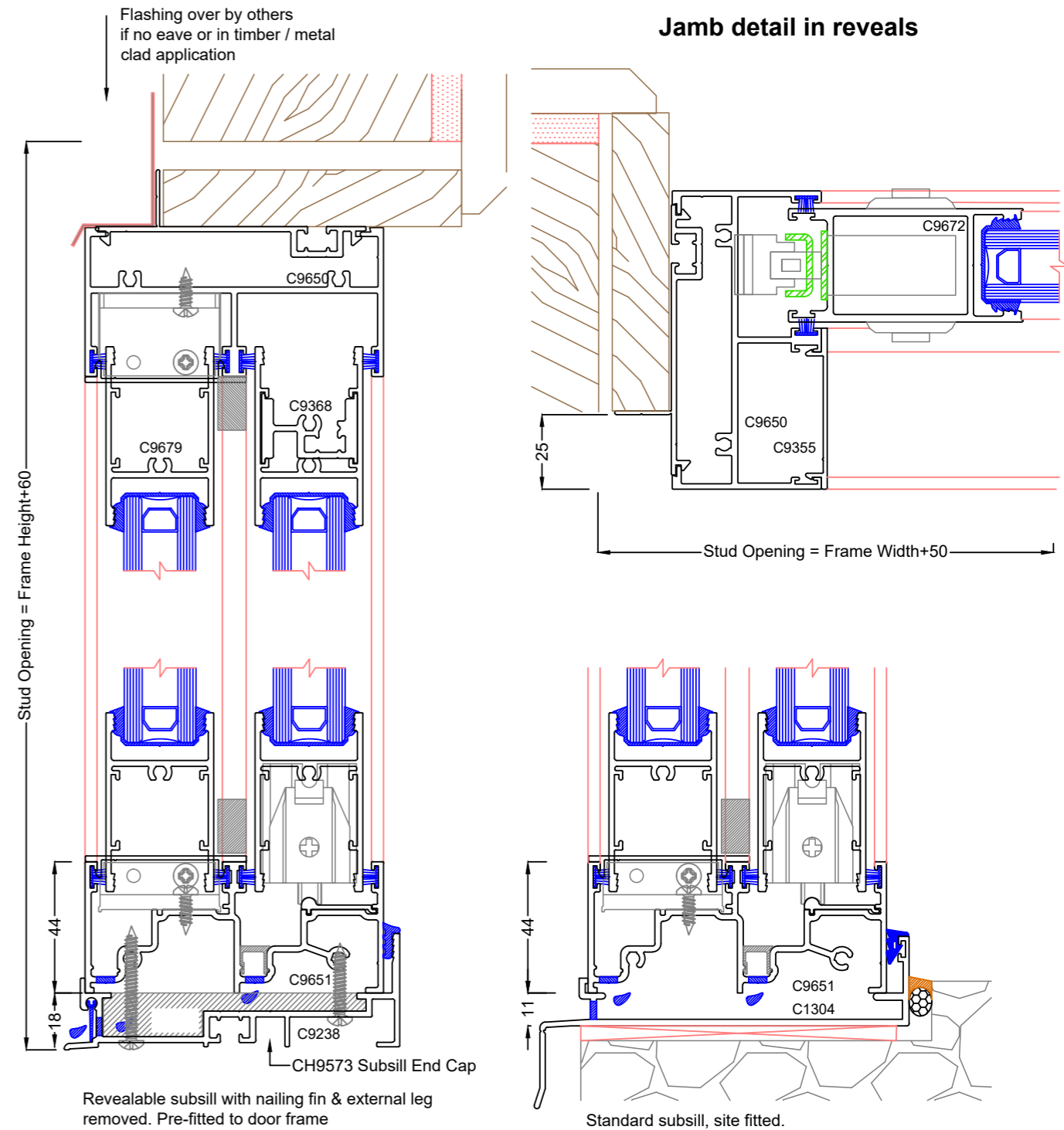
Conventional subsill attached to 40mm pipe

Care must be taken to ensure pavers & mortar don't make direct contact with aluminium surfaces, especially anodised.



100mm Frame with C9205 Nailing Fin

Doors can be installed with conventional timber reveal linings. In modest sizes doors can be supplied in a ready to install condition for the builder. The revealable subsill is suitable for this as it can be securely pre-fitted to the door. Other subsill types require the subsill to be fitted prior to door installation. This complete detail is best done by the fabricator.



Max™ SLIDING DOOR

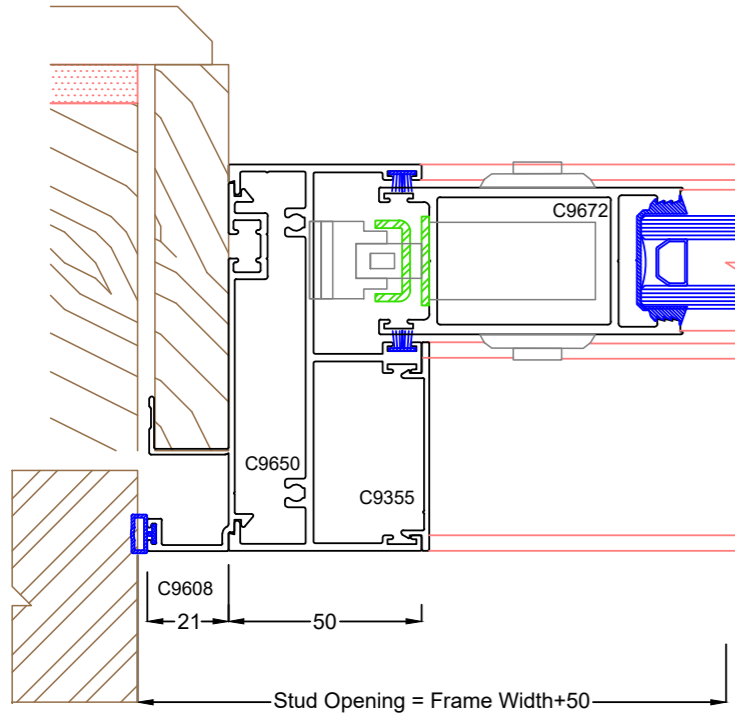
Max Framing Systems: MSLIDDOOR - 30

C9608 In-Line reveal adaptor

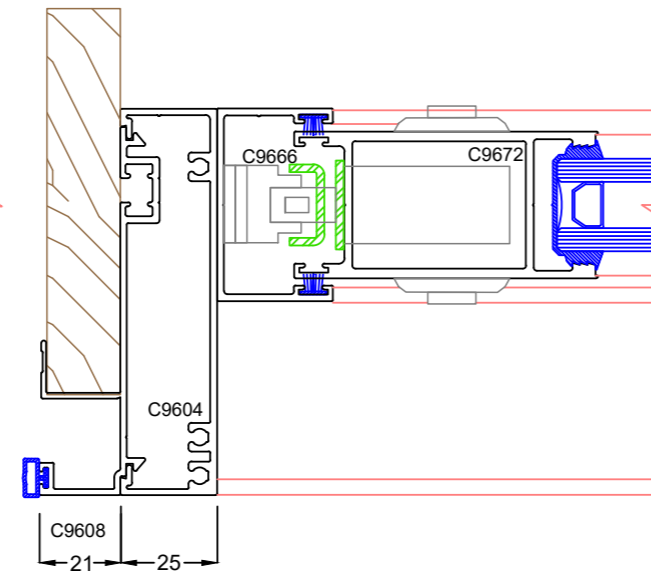
Replacing existing timber windows, or in new construction, fitting into a daylight opening (like cavity brick or precast), when revealing an in-line reveal adaptor eliminates the need to angle trim the opening externally, creating a neater overall appearance. This can also be used with all 100 framing systems.

Using a plain 25mm jamb, it can reduce the sight line.

Standard Jamb detail in reveals

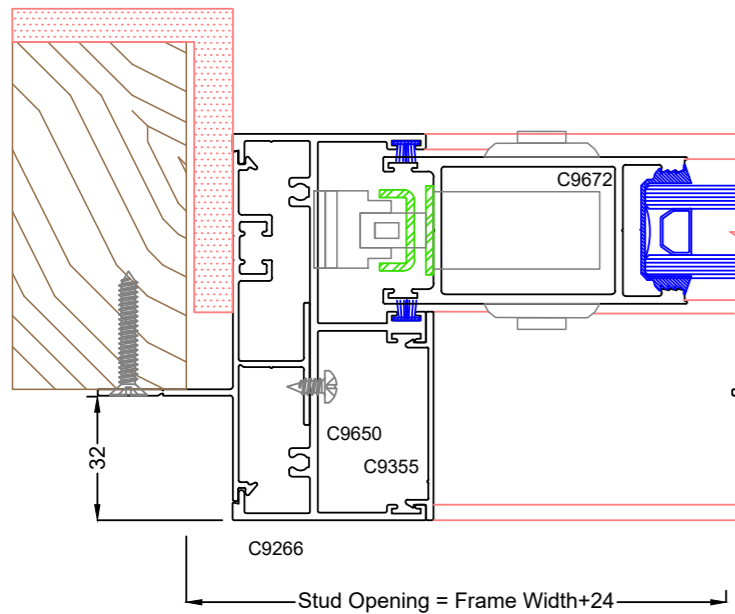


25mm Plain Jamb detail in reveals



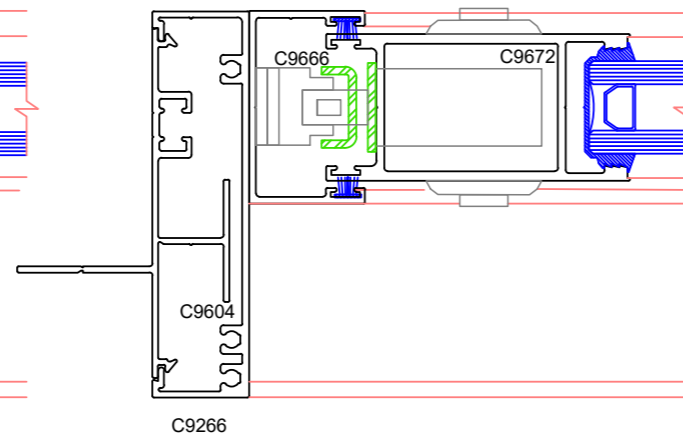
C9266 Build In Adaptor

Used when fixing directly to stud work, with a larger overlap than a standard reveal adaptor, this allows face fixing through the adaptor into the face of a stud, and may be used to prepare a door to allow square set plaster to tuck down the sides.



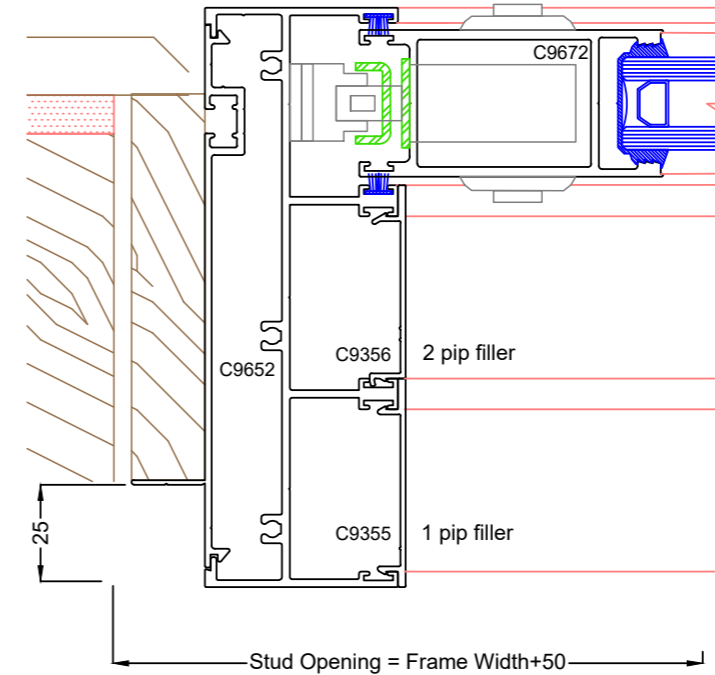
100 x 25mm Plain Jamb

25mm, 44mm or 50mm plain frames can be used.

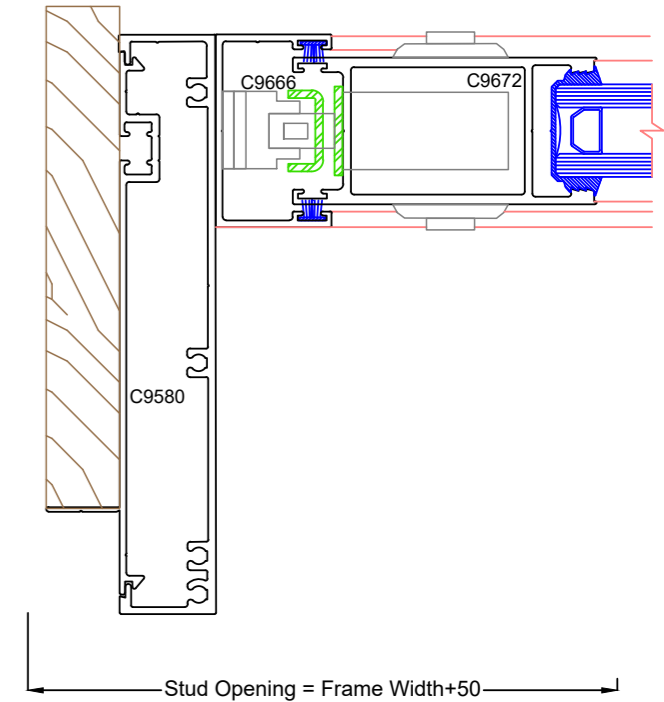


150mm Frame with C9304 Nailing Fin Adaptor

150 Standard Jamb with C9304 Nailing Fin in reveals

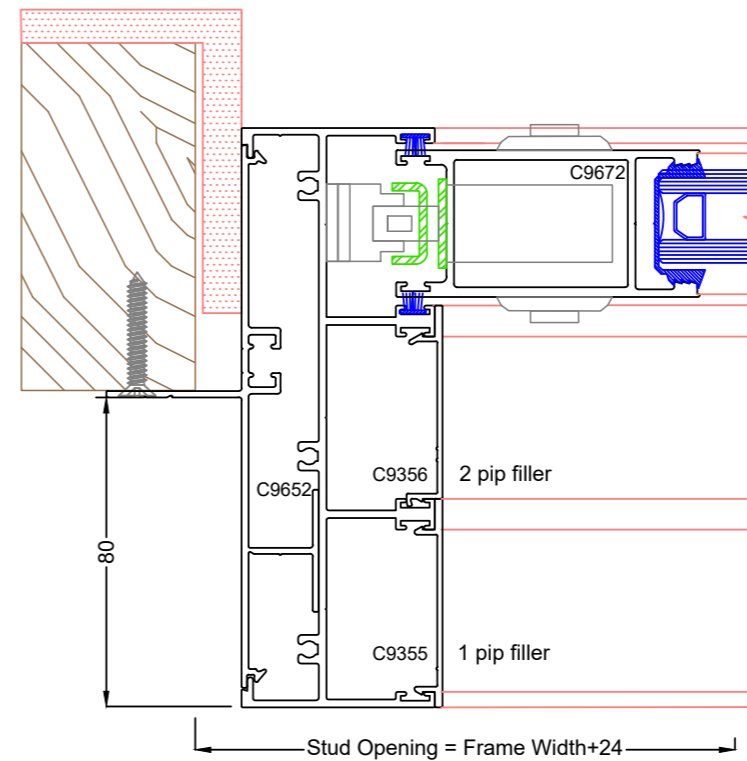


25mm Plain Jamb detail in reveals



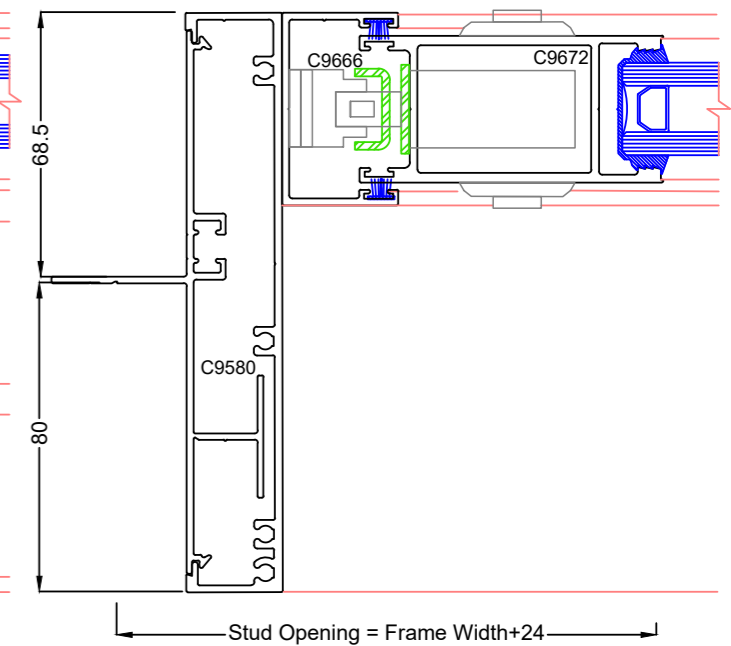
C9291 Build In Adaptor

Used when fixing directly to stud work, with a larger overlap than a standard reveal adaptor, this allows face fixing through the adaptor into the face of a stud, and may be used to prepare a door to allow square set plaster to tuck down the sides.



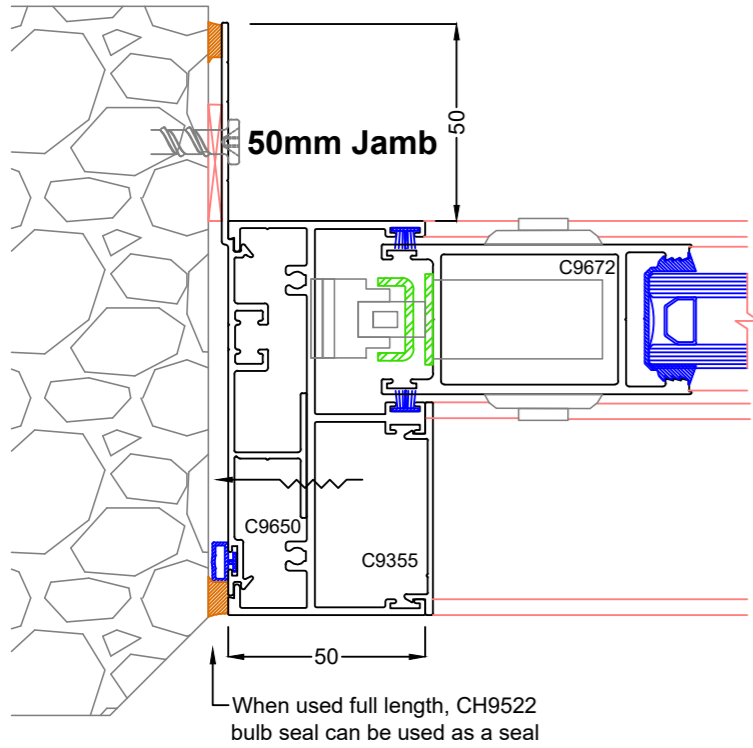
150 x 25mm Plain Jamb

25mm or 50mm plain frames are available



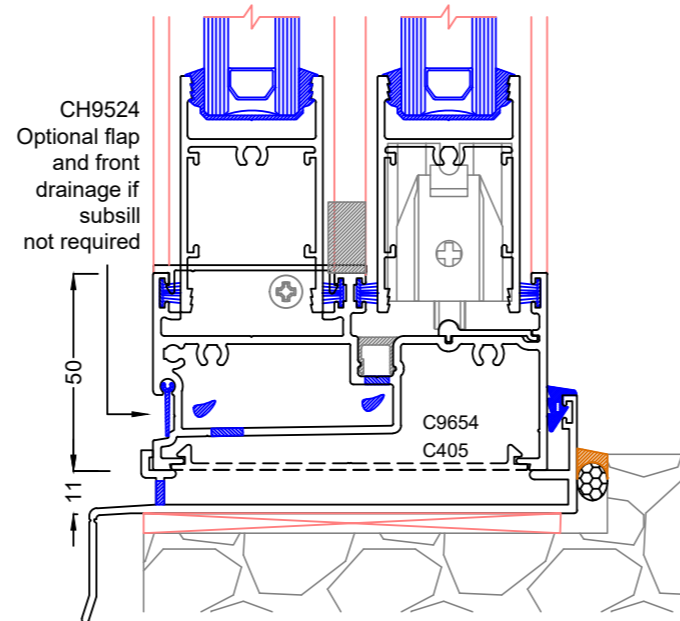
Max™ SLIDING DOOR
Max Framing Systems: MSLIDDOOR - 31
C9527 Build In Bracket

Can be used full length or in nom 100mm segments @ 450 centres and adjacent to transoms. This bracket enables fixings at the back of the frame where an internal finish (plaster / lining) conceals the bracket after installation.



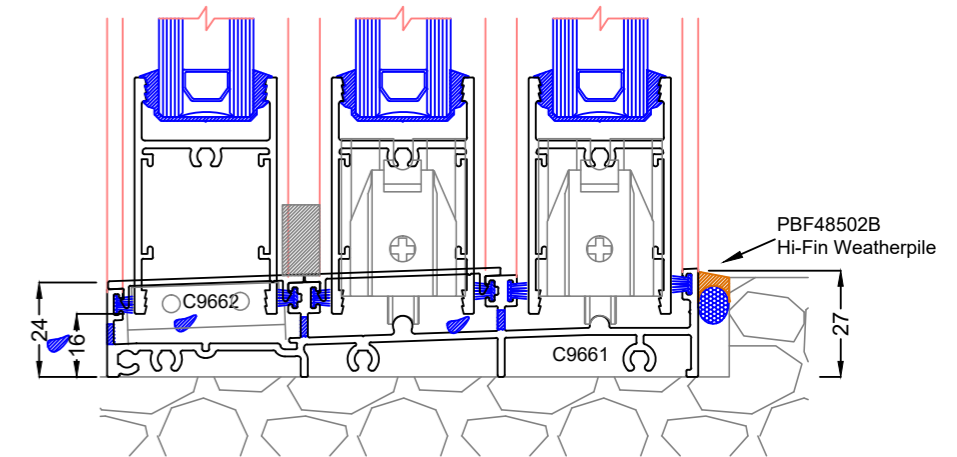
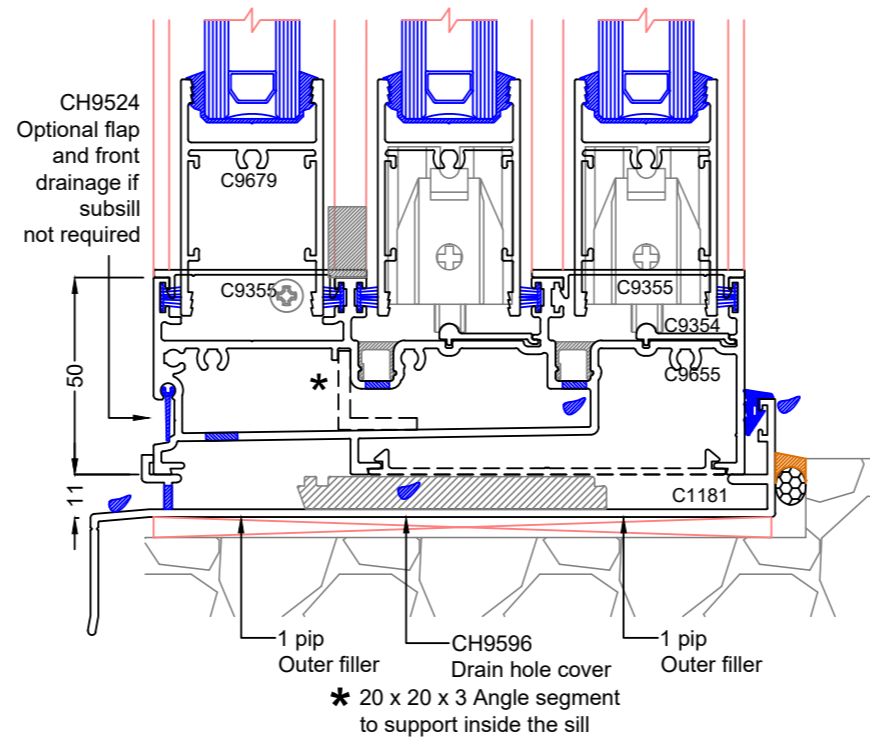
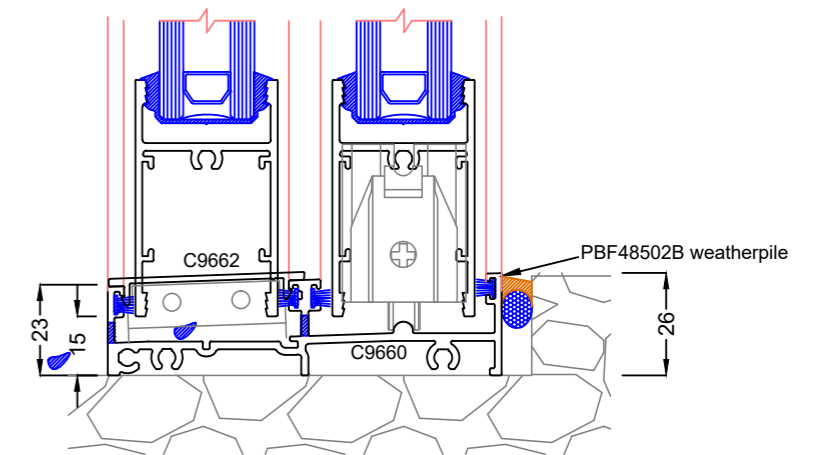
Alternative 50mm Profile Sills

Designed to integrate with 100 and 150 Front Glaze, Head and Sill sections have front screw locations to couple with Front Glaze Jamb and mullion extrusions, specifically where highlights are used (and thus the pocketed jambs / mullions are continuous. Additionally the higher hollow sill creates a second drainage chamber improving the water penetration of the system. This sill may be used without a subsill, relying on the front drain flap.



Alternative Low Profile Sills

2 Degree slope, designed for reduced trip hazard in protected areas. Typically used in retirement type accommodation where the door is under a protective roof.

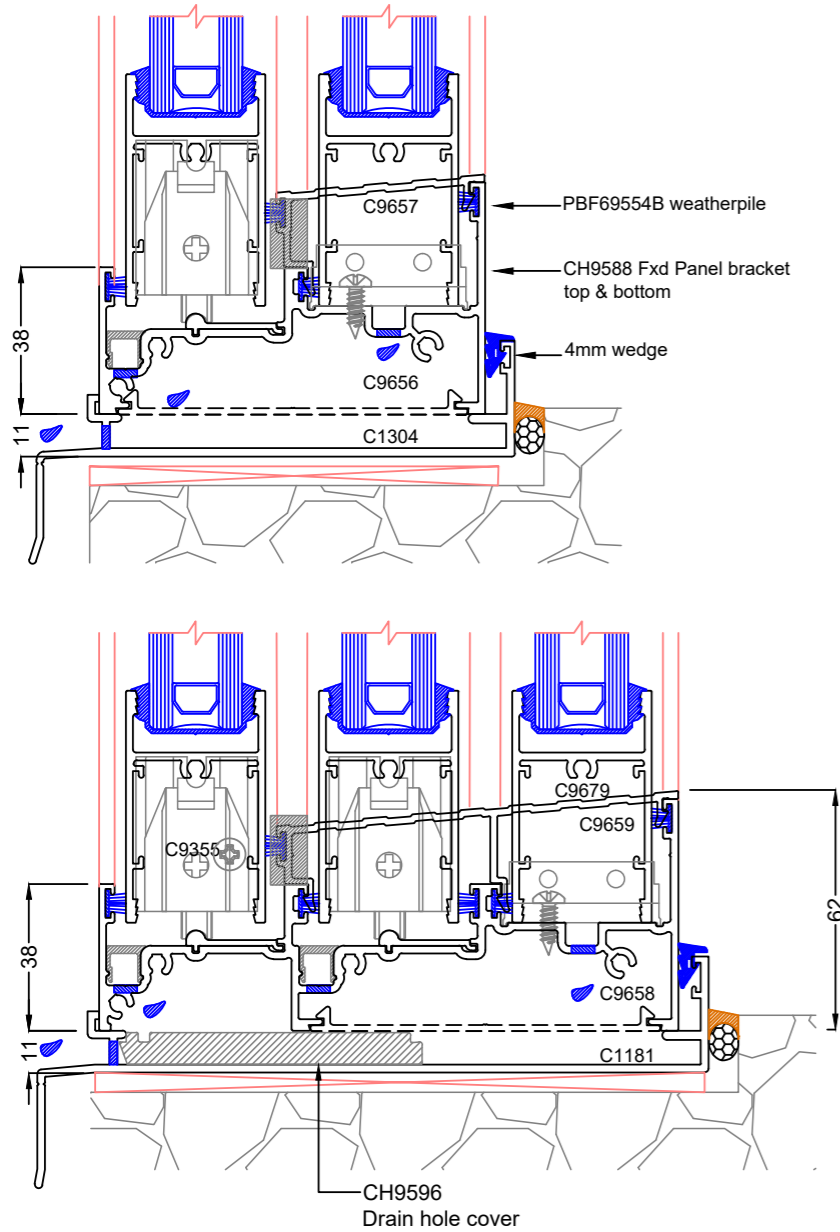


Max™ SLIDING DOOR

Max Framing Systems: MSLIDDOOR - 32

Alternative External Sliding Sills

High performance Sills, where it is desirable to have the operable panel to the outside of the door sill. This arrangement limits fitting of flydoors to the inside - if required, and is typically used in apartments when performance requirements override other considerations.



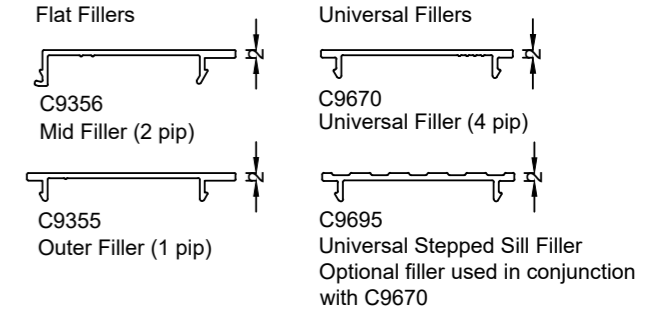
Filler Options

The standard fillers used to close off channels in all configurations are flat fillers C9355 & C9356. These give a uniform appearance and have a flat finish and are shown in all general arrangements in this catalogue.

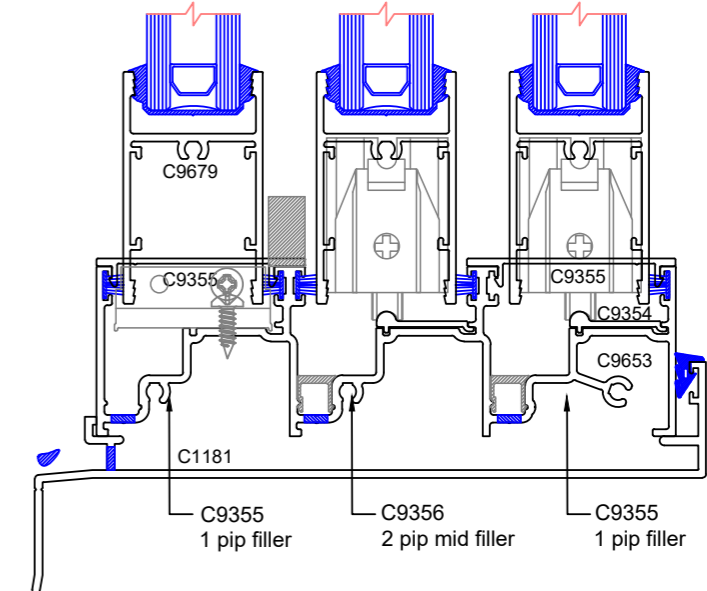
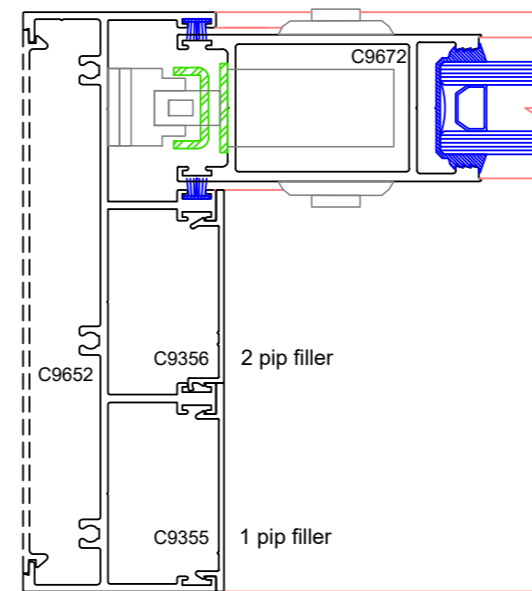
There is an optional filler arrangement, using a stepped sill filler and universal flat filler. It is felt by some fabricators that this minimizes the visual damage of traffic over the sill especially in apartment projects where many trades can potentially cause damage.

Filler Cutting Sizes

In principle vertical fillers are best butted between horizontal fillers. Fitting horizontal fillers first allows them to be used to correctly locate fixed panel locations prior to bracketing panels in place. This is done by laying the filler in place and shifting the fixed panel accordingly for a neat fit. When done top and bottom, it ensures the interlock on the panel is parallel to the jamb and fillers will fit neatly. Vertical fillers are then fitted after frames are finally fixed home, to conceal fixings. Whichever filler or filler option is used, all fillers will cut identically.

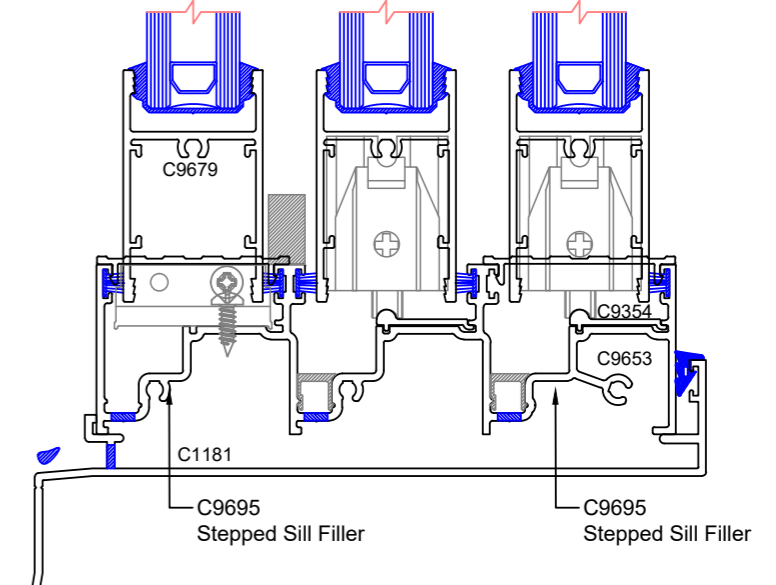
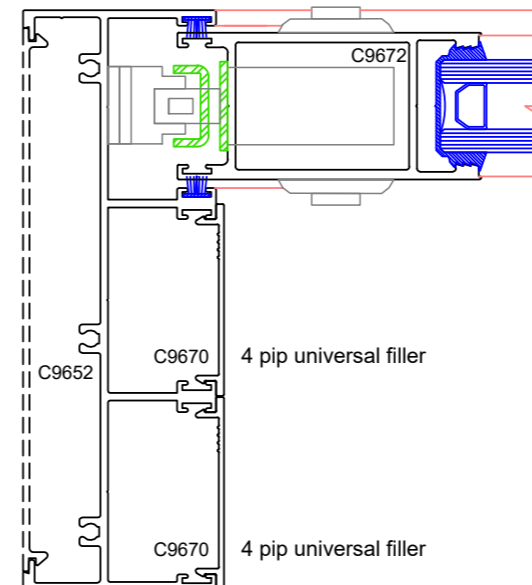


X XO Jamb and Sill detail with standard flat fillers



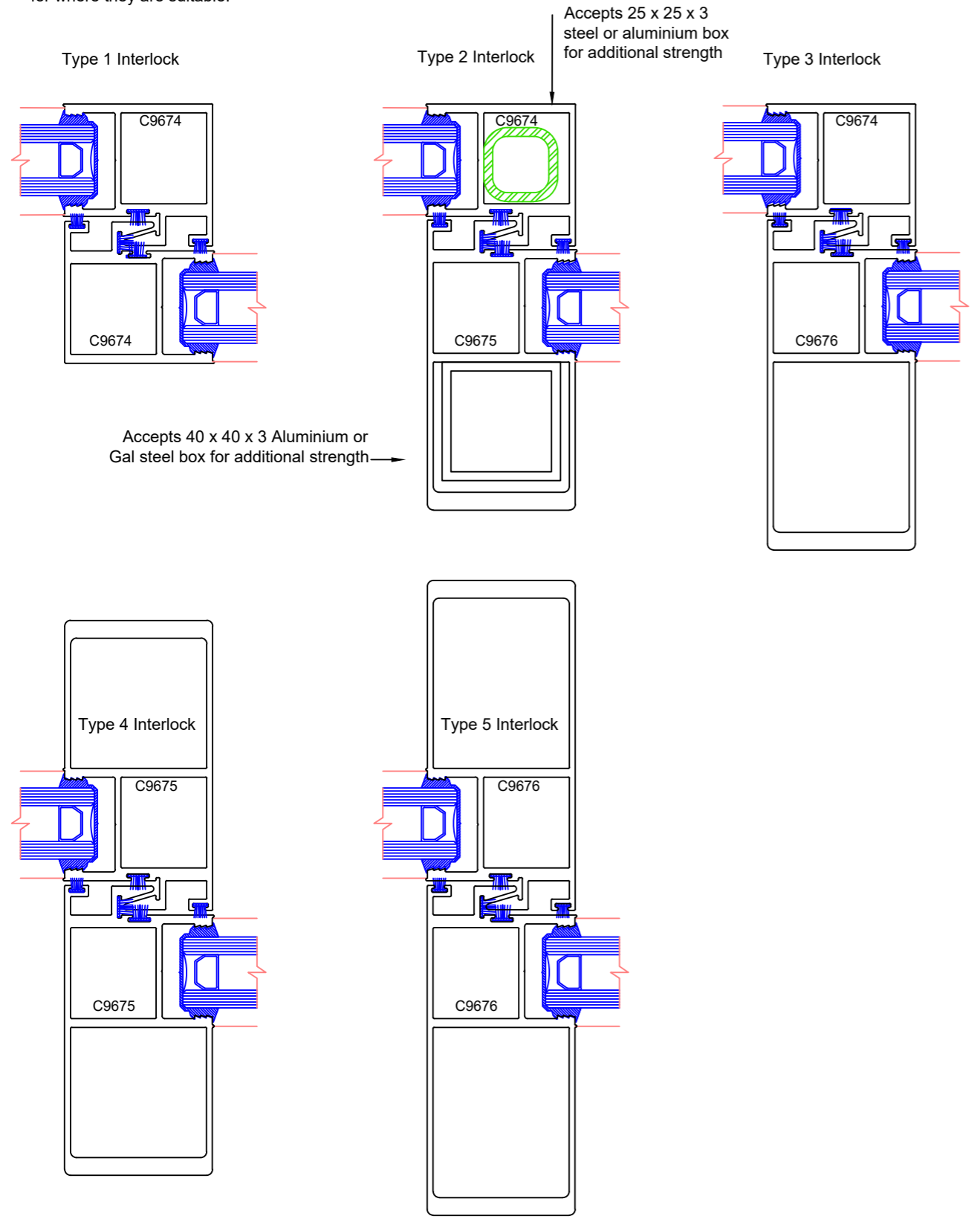
X XO Jamb and Sill detail

with stepped sill filler and universal flat filler head & jambs



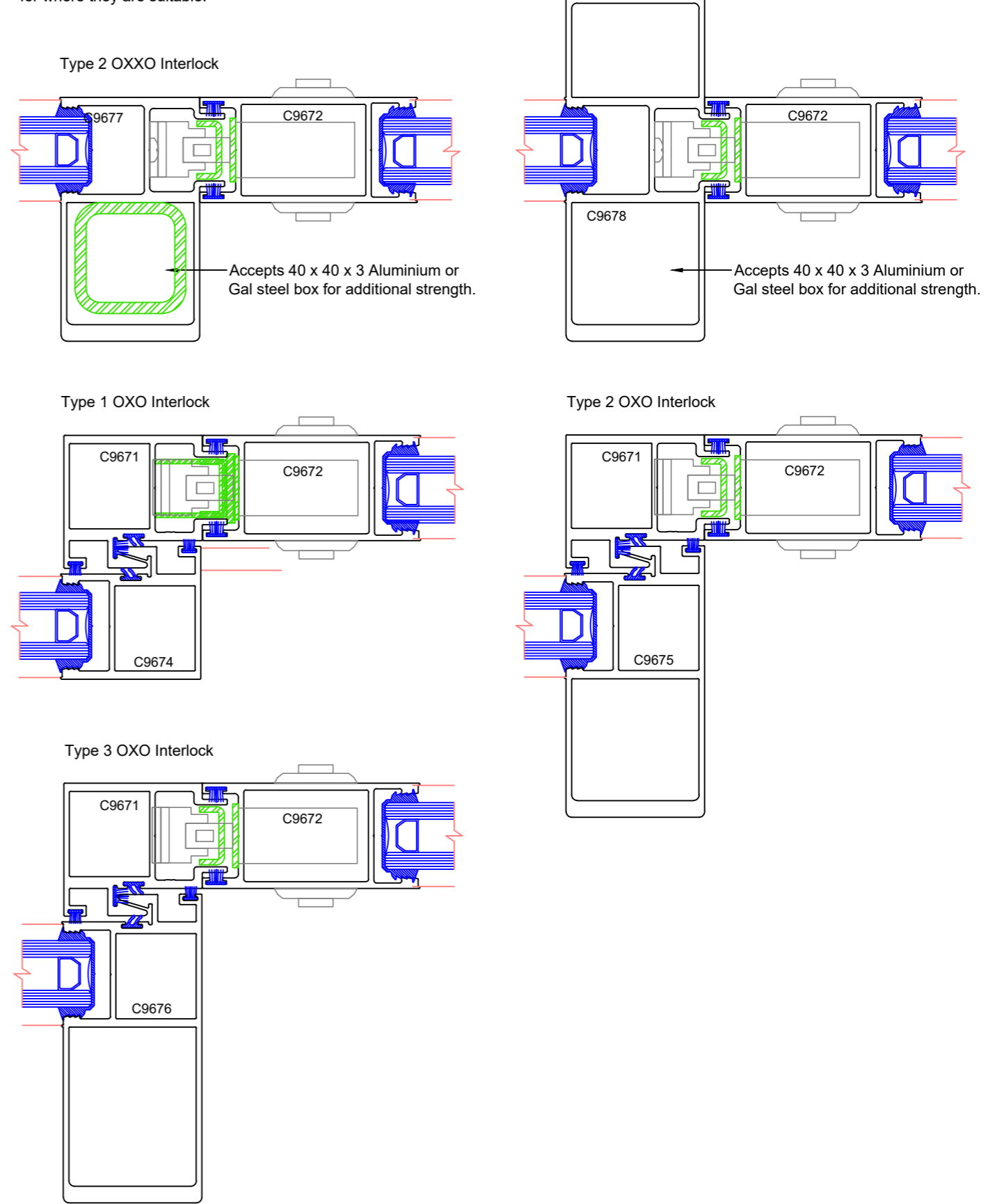
Max™ SLIDING DOOR
Max Framing Systems: MSLIDDOOR - 33
Interlock combinations

Below are typical interlock combinations used for sliding doors. Please refer the structural pages for where they are suitable.



Interlock combinations

Below are typical interlock combinations used for sliding doors. Please refer the structural pages for where they are suitable.



Max™ SLIDING DOOR

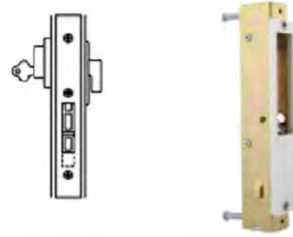
Max Framing Systems: MSLIDDOOR - 34

Lockwood Mortice Lock assembly details

This detail depicts the Lockwood 3541 (with 28mm throw) using a standard fabricator pack faceplate.

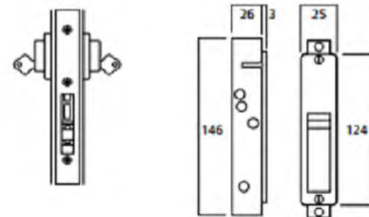
Cylinder and Turnknob

Bolt Projection	28mm
Fabricator Pack*	3541RT4
Brass Coverplate for Timber Door	3741RT3



Double Cylinder

Bolt Projection	28mm
Fabricator Pack*	3541RR
Brass Coverplate for Timber Door	3741RR



SP3640-SS
Lock Strike

Lockwood Euro Optimum Mortice Lock assembly details

This detail depicts the Lockwood Optimum 30mm Backset. Its square faceplate perfectly suits the Max stile and the striker assembly is a significantly neater assembly than the 3541 lock. This lock also doesn't self latch which the 3541 has a tendency to do and can cause issues where people can lock themselves out.



Ordering – Trade Pack

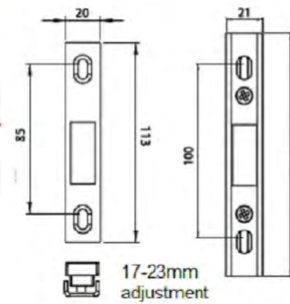
Description

Optimum 1PT Sliding Door Lock 30mm B/S
Part number OP30/1SDN/SS

Sliding Door Strikes

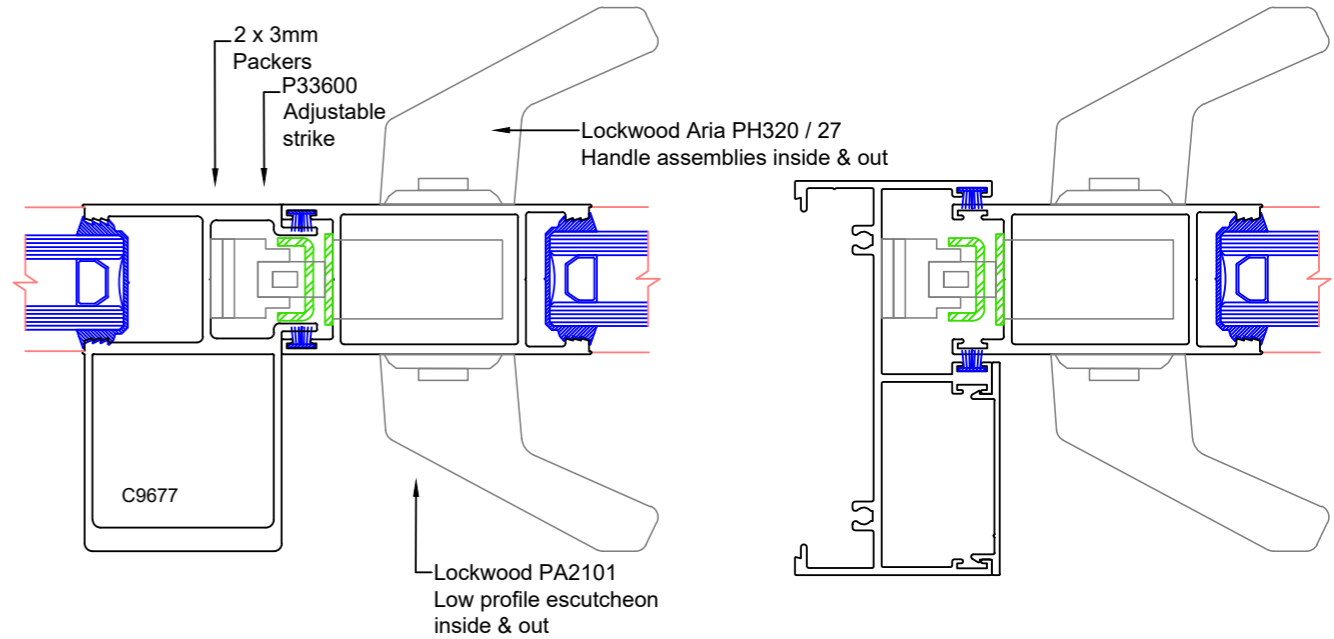
Sliding Door Strikes

Part number	Type
P33600	Adjustable



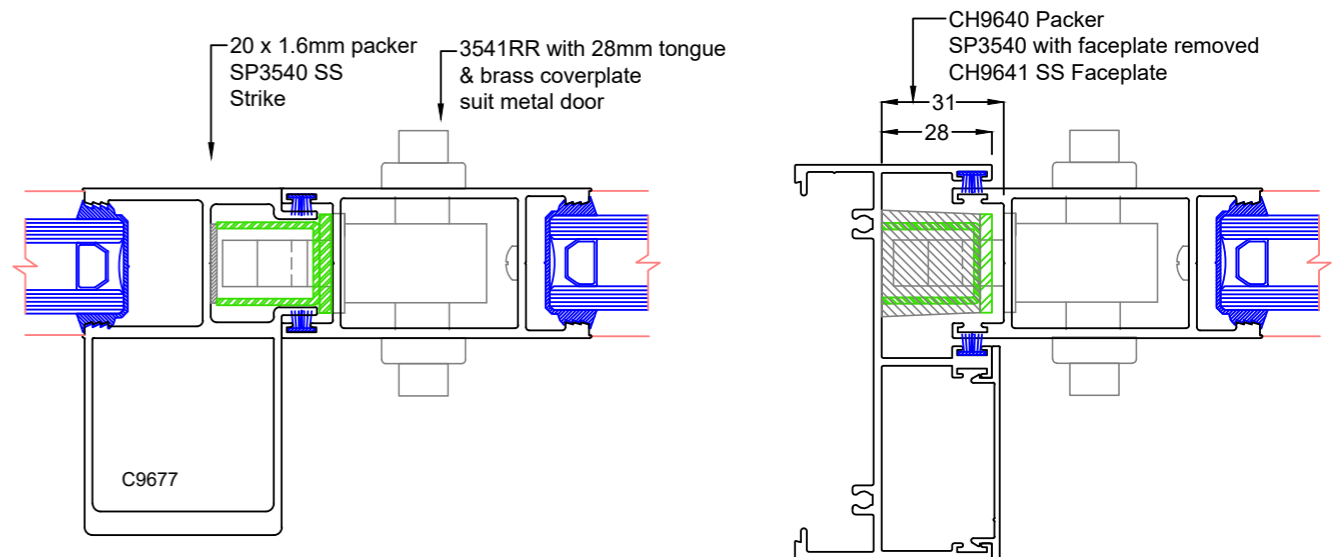
Lock Options

Lockwood Euro Lock Mortice Lock - 30mm backset
May be used with recessed Flushpulls or
Offset D handles like the Lockwood Arai (shown)



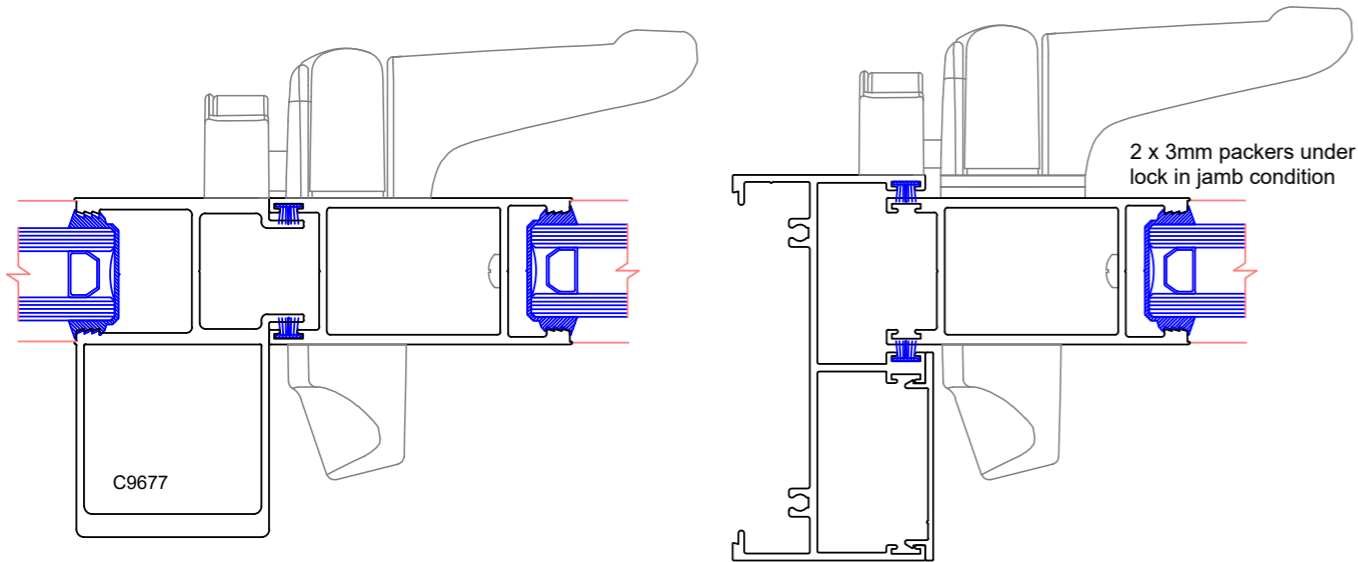
Lockwood 3541 Mortice Lock with 30mm backset

May be used with recessed Flushpulls or
Offset D handles like the Lockwood Arai (shown)

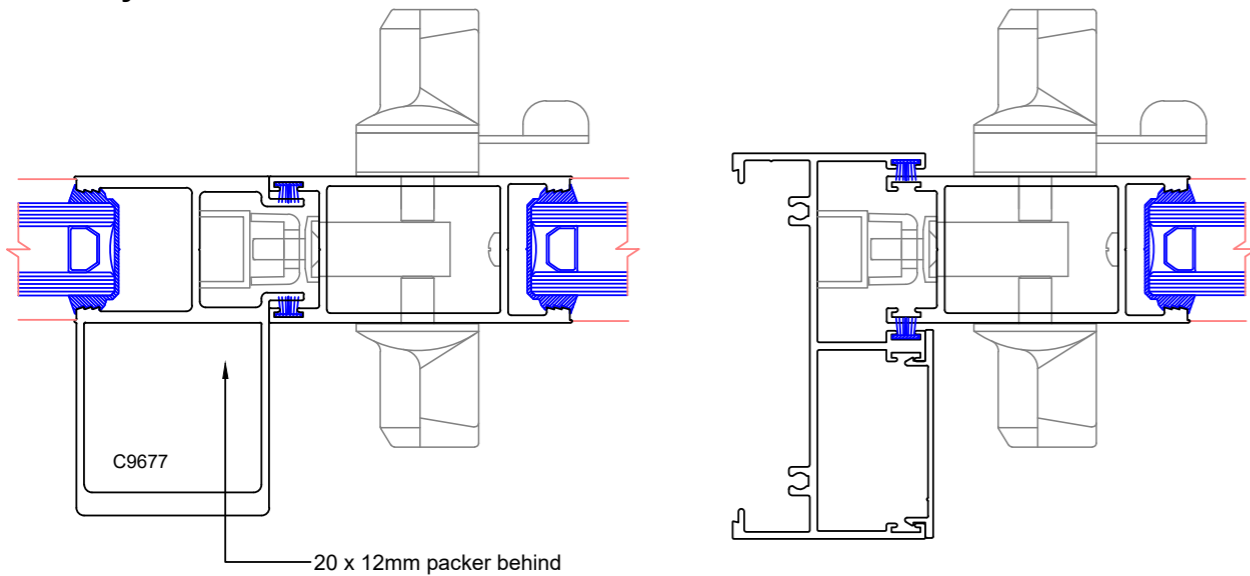


Max™ SLIDING DOOR
Max Framing Systems: MSLIDDOOR - 35

Lock Options
Doric or similar Face Mounted Lock



Albany Mortice Lock

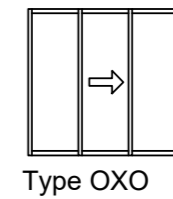
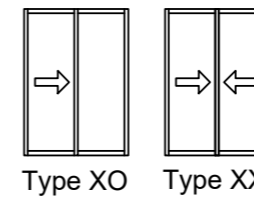


Sliding Door Structural Tables (Span/250 Deflection)

- Maximum Height: 3000
- Maximum Panel Width: 1500
- Maximum weight per leaf: 150kg limited by the hardware
- Panel Height should be no greater than 2.5 times panel width
- Charts are applicable to single or double glazed

Serviceability figures have been calculated from Ultimate (worst condition) to provide a conservative and consistent reference.

Ratings have been calculated on the weakest interlock combination for each configuration - refer Interlocks page.



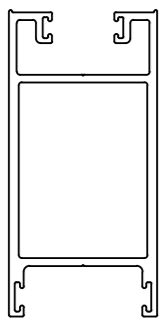
Frame Size		Interlock (span/250 deflection)				
		Type 1	Type 2	Type 3	Type 4	Type 5
2100 x 1800	S	991	4354	5663	7717	10335
	U	3048	6143	7164	10889	13075
2100 x 2100	S	849	3732	4854	6615	8859
	U	2612	5266	6141	9333	11207
2100 x 2400	S	743	3266	4247	5788	7751
	U	2286	4608	5373	8166	9806
2100 x 2700	S	661	2903	3775	5145	6890
	U	2032	4096	4776	7259	8717
2100 x 3000	S	-	2613	3398	4630	6201
	U	-	3686	4299	6533	7845
2400 x 1800	S	-	2608	3392	4623	6191
	U	-	4645	5417	8233	9887
2400 x 2100	S	-	2236	2908	3962	5306
	U	-	3982	4643	7057	8474
2400 x 2400	S	-	1956	2544	3467	4643
	U	-	3484	4063	6175	7415
2400 x 2700	S	-	1739	2261	3082	4127
	U	-	3097	3612	5489	6591
2400 x 3000	S	-	1565	2035	2774	3714
	U	-	2787	3250	4940	5932
2700 x 1800*	S	-	1670	2172	2959	3963
	U	-	3635	4239	6443	7737
2700 x 2100*	S	-	1431	1861	2537	3397
	U	-	3116	3634	5523	6632
2700 x 2400	S	-	1252	1629	2220	2972
	U	-	2726	3179	4832	5803
2700 x 2700	S	-	1113	1448	1973	2642
	U	-	2423	2826	4295	5158
2700 x 3000	S	-	1002	1303	1776	2378
	U	-	2181	2544	3866	4642
3000 x 1800*	S	-	1126	1464	1995	2672
	U	-	2922	3408	5179	6219
3000 x 2100*	S	-	965	1255	1710	2290
	U	-	2505	2921	4439	5330
3000 x 2400	S	-	844	1098	1496	2004
	U	-	2191	2556	3884	4664
3000 x 2700	S	-	750	976	1330	1781
	U	-	1948	2272	3453	4146
3000 x 3000	S	-	675	878	1197	1603
	U	-	1753	2045	3107	3731

Note:
* Indicates panel exceeds 2.5 height/width ratio - Not recommended

Frame Size		Interlock (span/250)		
		Type 1	Type 2	Type 3
2100 x 2700	S	1452	4815	6127
	U	4396	6794	7751
2100 x 3000	S	1307	4334	5514
	U	3957	6114	6976
2100 x 3600	S	1089	3611	4595
	U	3297	5095	5813
2100 x 4100	S	956	3171	4035
	U	2895	4474	5104
2100 x 4500	S	871	2889	3676
	U	2638	4076	4651
2400 x 2700	S	870	2884	3670
	U	3324	5137	5861
2400 x 3000	S	783	2596	3303
	U	2992	4623	5275
2400 x 3600	S	652	2163	2752
	U	2493	3853	4396
2400 x 4100	S	-	1899	2417
	U	-	3383	3860
2400 x 4500	S	-	1731	2202
	U	-	3082	3517
2700 x 2700*	S	-	1846	2350
	U	-	4020	4586
2700 x 3000*	S	-	1662	2115
	U	-	3618	4128
2700 x 3600	S	-	1385	1762
	U	-	3015	3440
2700 x 4100	S	-	1216	1547
	U	-	2647	3020
2700 x 4500	S	-	1108	1410
	U	-	2412	2752
3000 x 2700*	S	-	1245	1584
	U	-	3231	3687
3000 x 3000	S	-	1120	1426
	U	-	2908	3318
3000 x 3600	S	-	934	1188
	U	-	2423	2765
3000 x 4100	S	-	820	1043
	U	-	2128	2428
3000 x 4500	S	-	747	950
	U	-	1939	2212

Note:
(1) * Indicates panel exceeds 2.5 height/width ratio - Not recommended
(2) Type 2 Interlock mandatory for stacking doors, other interlocks not displayed

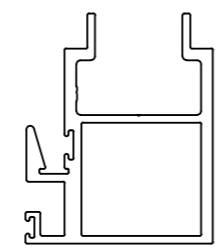
Max™ SLIDING DOOR
Max Framing Systems: MSLIDDOOR - 37
Machining Details - Stile



C9672 or C9682
Fixed or Sliding Stile

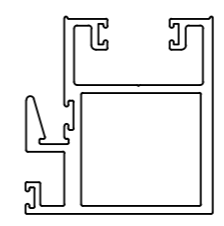
OXO Adaptor

This stile is bracketed into position and does not require assembly holes.

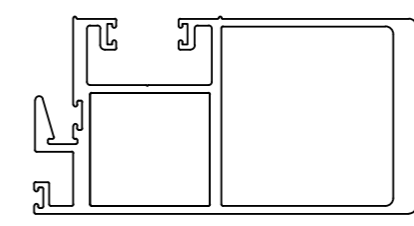


C9671
OXO Interlock

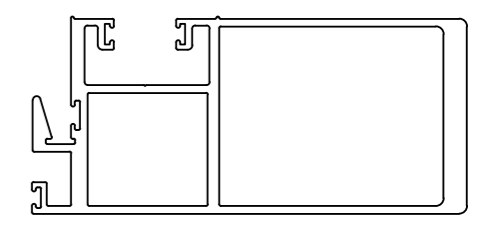
Machining Details - Sliding Interlock



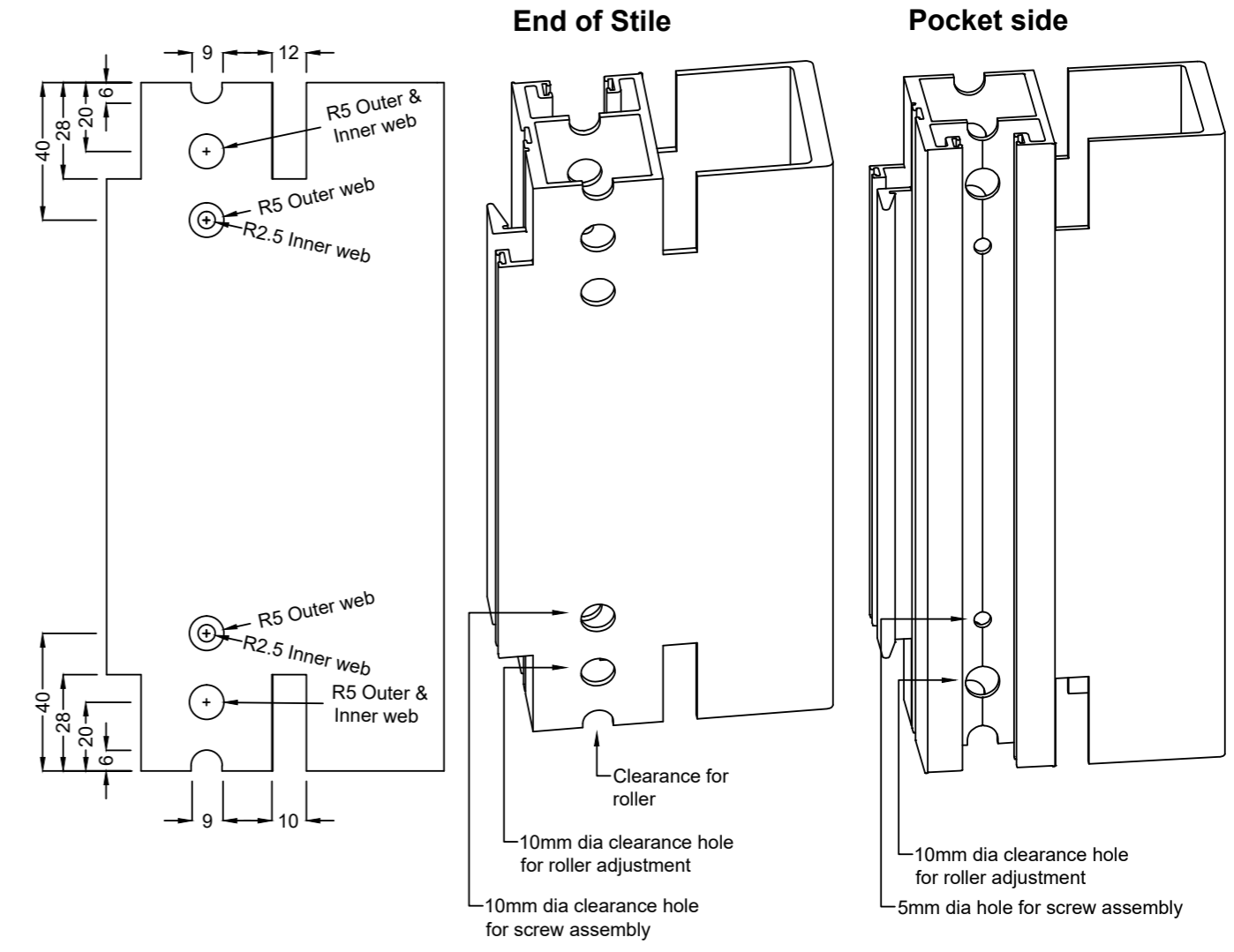
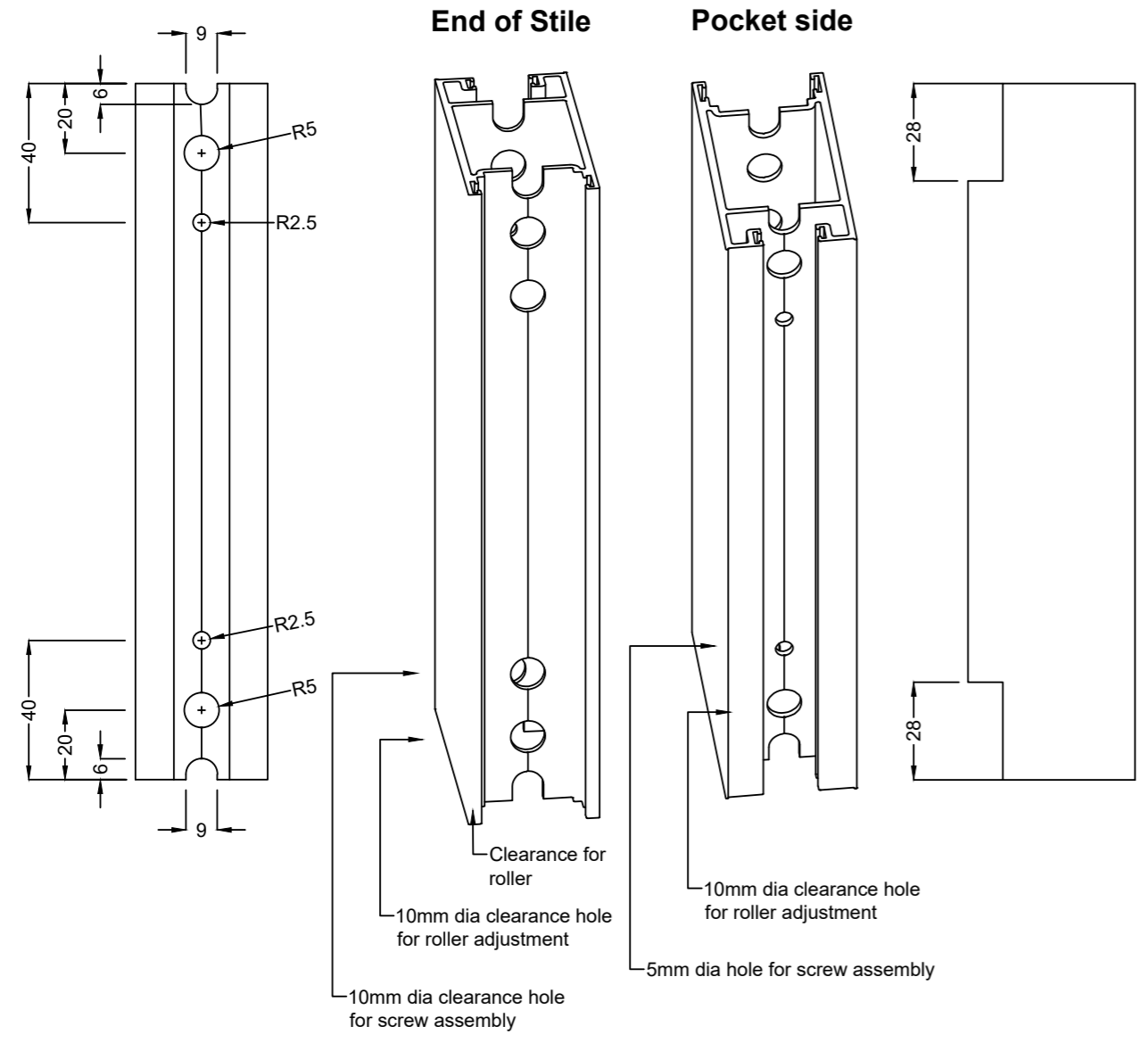
C9673 or C9683
Fixed Interlock



C9674 or C9684



C9675 or C9685

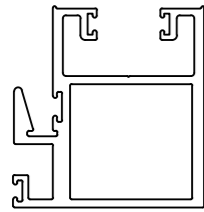


Max™ SLIDING DOOR

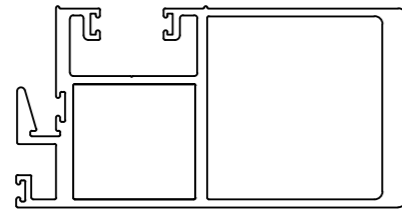
Max Framing Systems: MSLIDDOOR - 38

Machining Details - Fixed Interlock

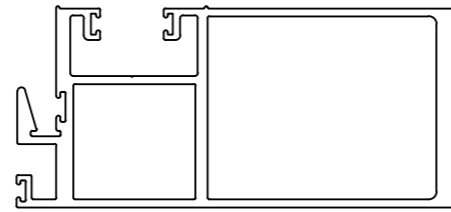
These stiles can be machined as per sliding stiles, but aesthetically can look better without the roller adjustment hole.



C9673 or C9683
Fixed Interlock

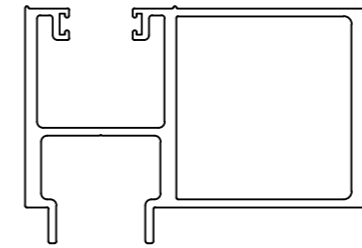


C9674 or C9684

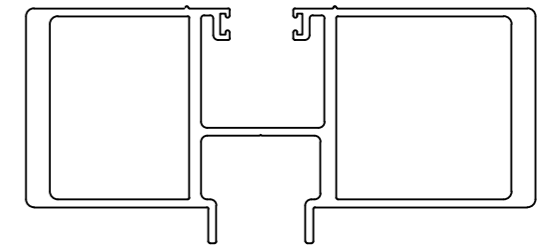


C9675 or C9685

Machining Details - OXXO Meeting Stile



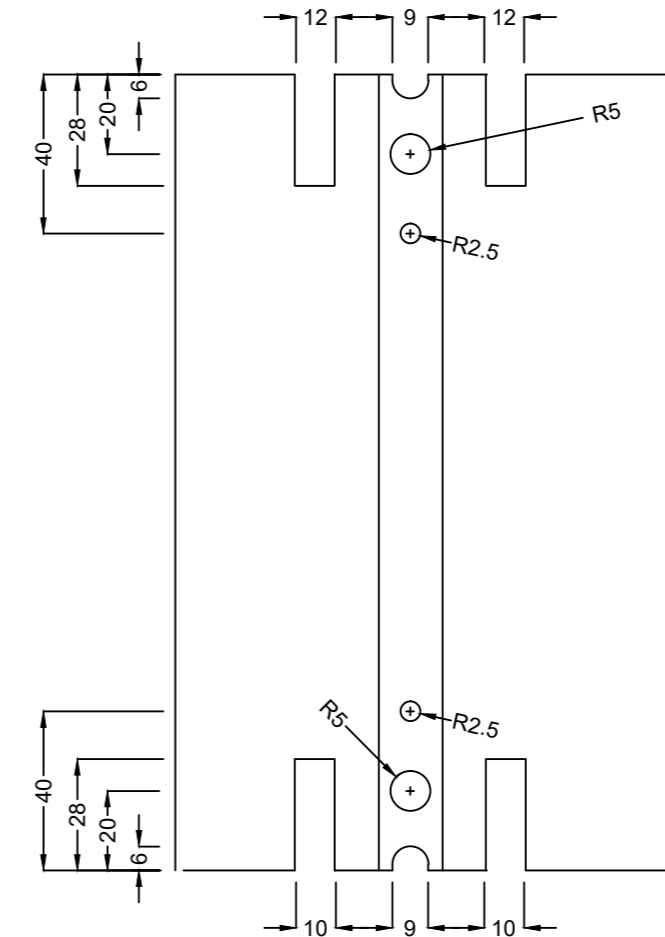
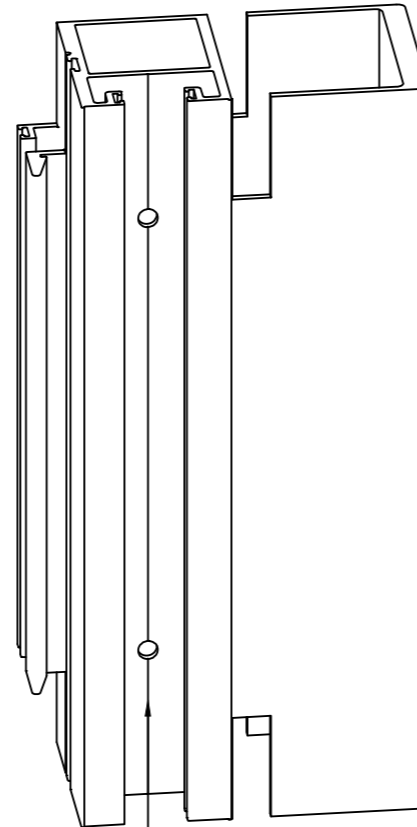
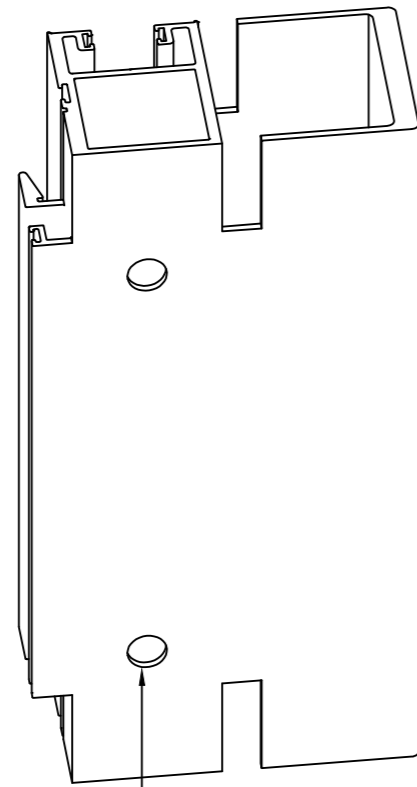
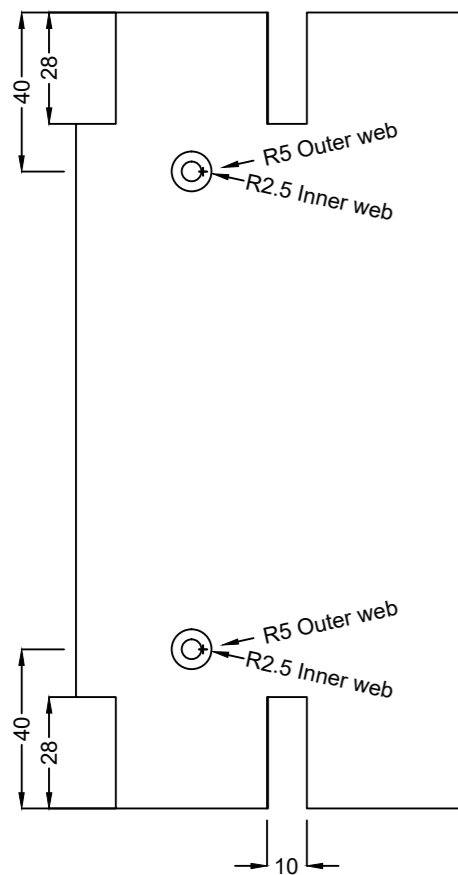
C9676 or C9686
OXXO Interlock



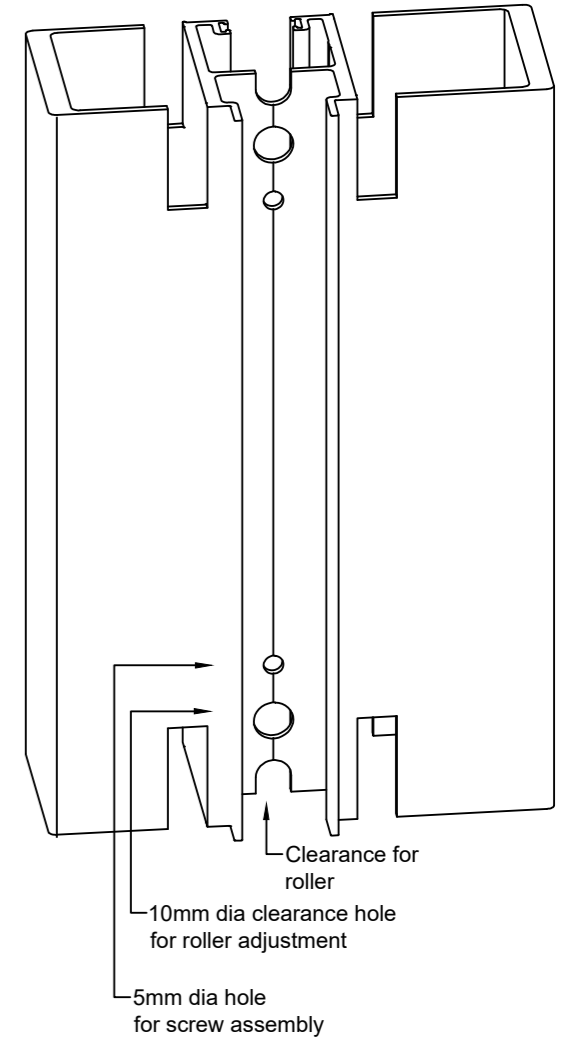
C9677 or C9687

End of Stile

Pocket side



End of Stile

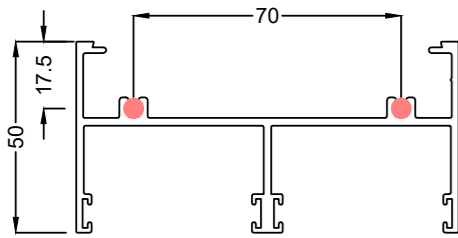


Max™ SLIDING DOOR

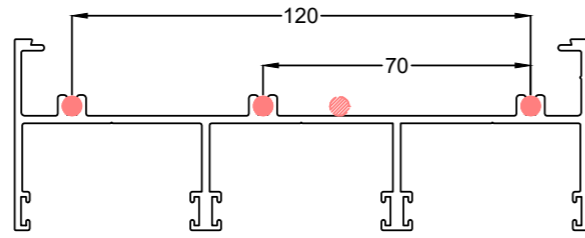
Max Framing Systems: MSLIDDOOR - 39

Machining Details - Head

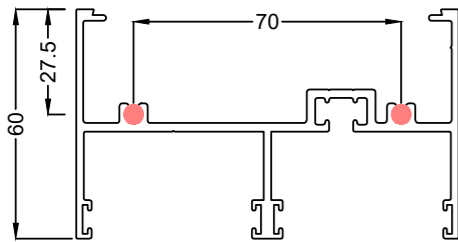
Both the 50mm and 60mm Jamb may be machined to suit 50mm or 60mm Head extrusions dependant on the application.
EG: 50mm Head and Jamb are suitable for 100 centre glaze, 150 Centre Glaze & 150 Offset but the 60mm is required for 100mm & 150mm Front Glazed.



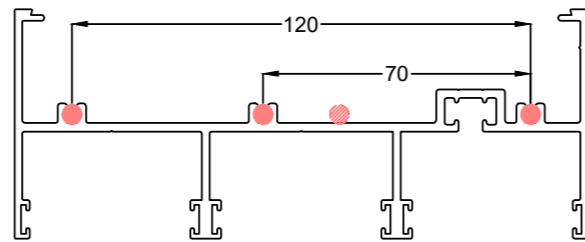
C9650
Jamb (for notching) and head
50 and 60 Notch
44 and 50 notch



C9652
Jamb (for notching) and head
50 and 60 Notch
44 and 50 notch



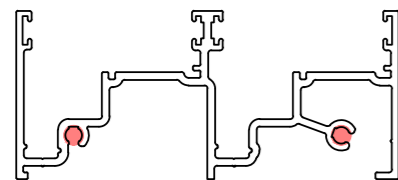
C9350
Jamb (for notching) and head
50 and 60 Notch
44 and 50 notch



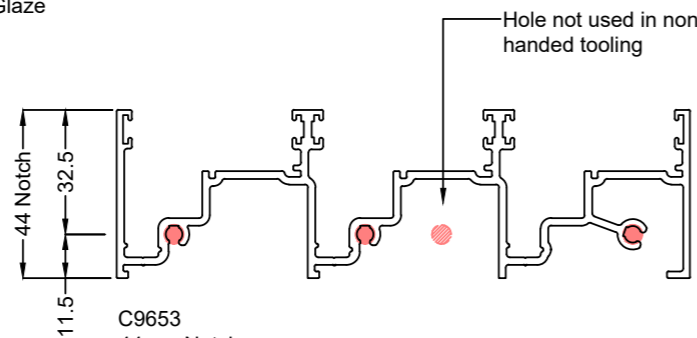
C9352
Jamb (for notching) and head
50 and 60 Notch
44 and 50 notch

Machining Details - suit Sill

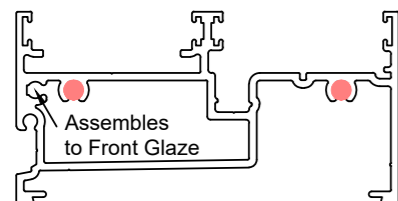
44mm Sills and 50mm Sills are available.
The 50mm Sill couples to Max and Gen Front Glaze



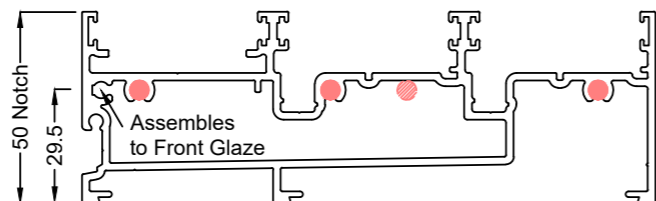
C9651
44mm Notch
End holes reference off 44 notch



C9653
44mm Notch
End holes reference off 44 notch



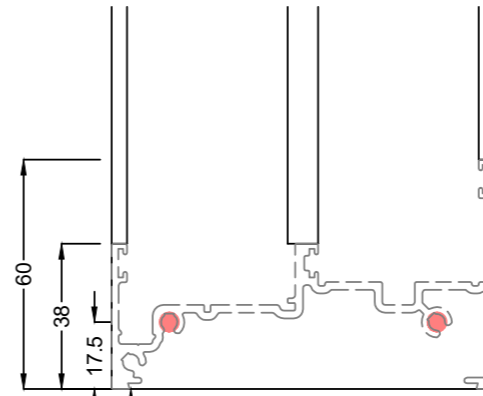
C9655
Notch on Jamb to suit 50 Sill
End holes reference off end of profile



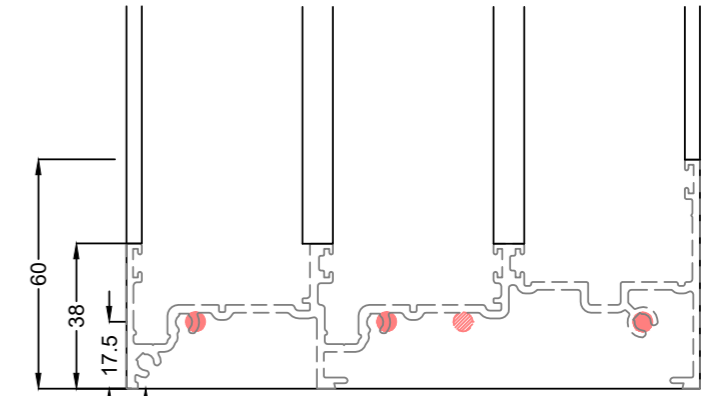
C9656
Notch on Jamb to suit 50 Sill
End holes reference off end of profile

Machining Details - External Sliding Sill

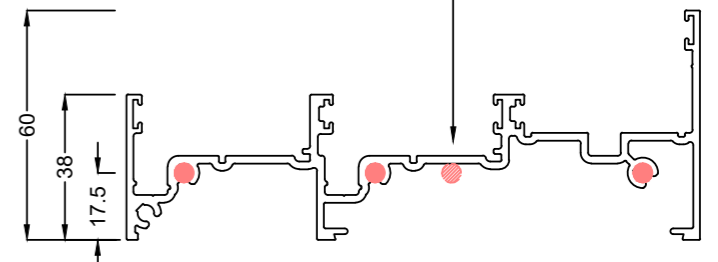
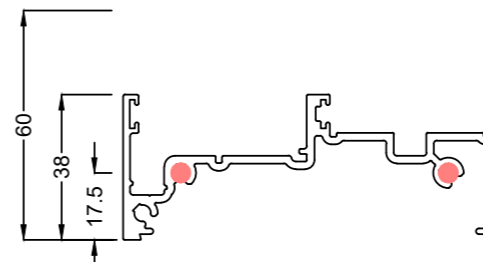
Both the 50mm and 60mm Jamb may be machined to suit the external sliding sills.
Note these sills will couple with Max and Gen Front Glaze.



C9656
38 & 60mm Notch
5mm holes

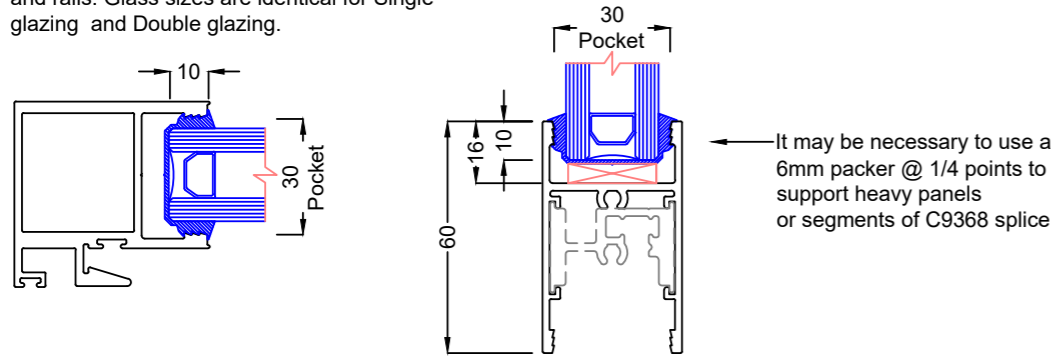


C9658
38 & 60mm Notch
5mm holes

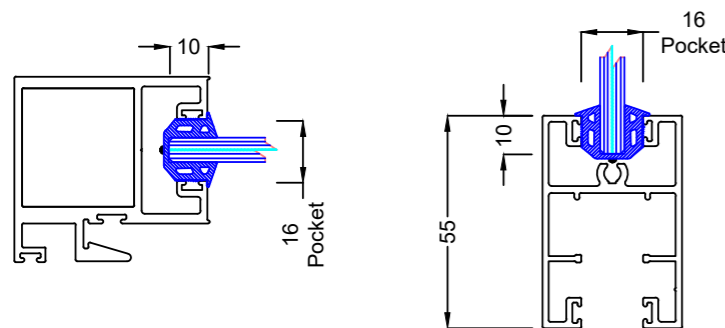


Max™ SLIDING DOOR
Max Framing Systems: MSLIDDOOR - 40
Glazing Details

Details below illustrate edge cover on stiles and rails. Glass sizes are identical for Single glazing and Double glazing.



Sliding Door	Glass thickness	Example	Channel
		24mm	6/12/6
		5/14/5	CH9518



Sliding Door	Glass thickness	Channel
	6mm / 6.38mm	CH9512 (white) or CH9711
	8mm / 8.38mm	CH9513 (yellow)
	10mm / 10.38mm	CH9514 (green) or CH9713
	11.52mm / 12mm	CH9515 (blue)
12.5mm / 12.76mm	CH9516 (red)	



CH9512
6/6.38mm Channel
SANT
White pip



CH9513
8/8.38mm Channel
SANT
Yellow pip



CH9514
10/10.38mm Channel
SANT
Green pip



CH9711
6/6.38mm Channel
PVC



CH9713
10/10.38.38mm Channel
PVC



CH9515
11.52/12mm Channel
SANT
Blue pip



CH9516
12.5/12.76mm Channel
SANT
Red pip



CH9518
SANT
25mm Channel



Ivanhoe Residence
GEN™ and MAX™ 100 Centre Double Glazed frames
and MAX™ Sliding Doors