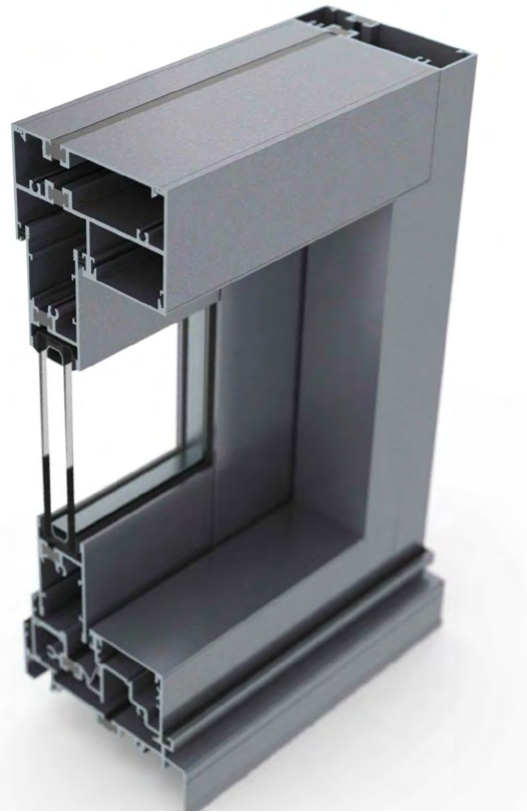


U-Max™ THERMAL BREAK SLIDING DOOR

U-Max Doors: USLIDDOOR - 1

U-MAX™ Thermal Break Sliding Door



FEATURES:

- 38mm thick door stiles
- Accepts 20mm to 24mm IGU's
- Accepts commercial mortice locks
- Accepts residential locks
- 35mm diameter rollers, precision ground bearings, for reduced rolling resistance (180kg per panel rated)
- Recommended max 150kg panel weights
- 100 frame suited to 100 Centre Glaze framing
- 150 frame suited to 150 Offset Glaze framing
- Designed for Thermal Break applications
- Flat sill, minimizes trip hazard
- Replaceable track
- Accessible drain slots for cleaning
- 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

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.



Stevenson Street residence, Kew
U-MAX™ thermally broken framing assemblies and sliding door, with Tomma hardware.

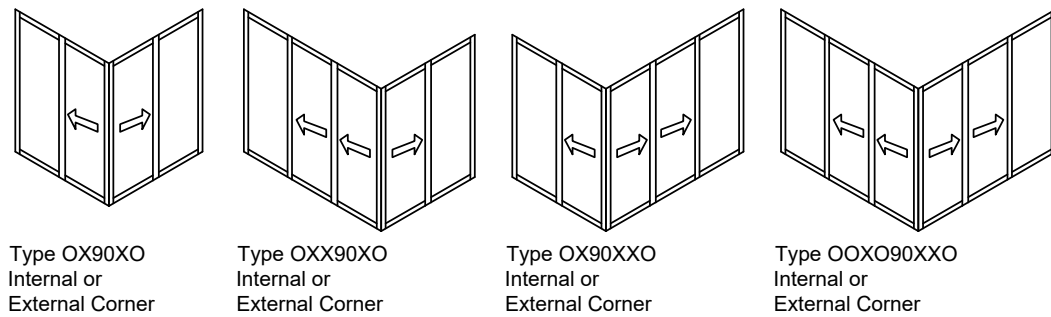
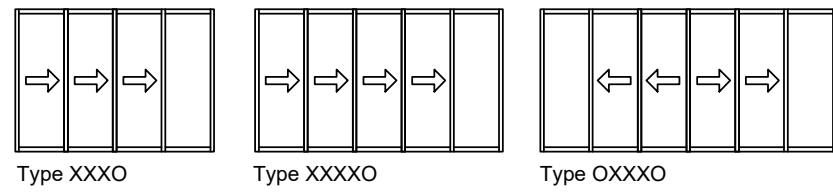
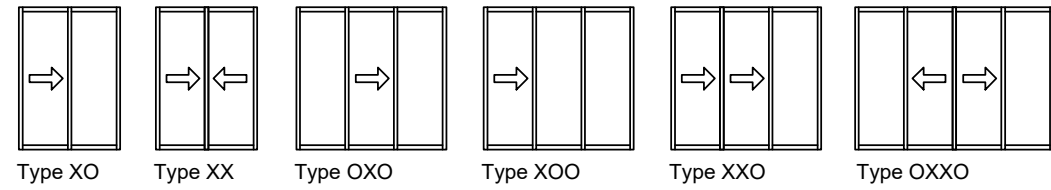
U-Max™ THERMAL BREAK SLIDING DOOR

U-Max Doors: USLIDDOOR - 2

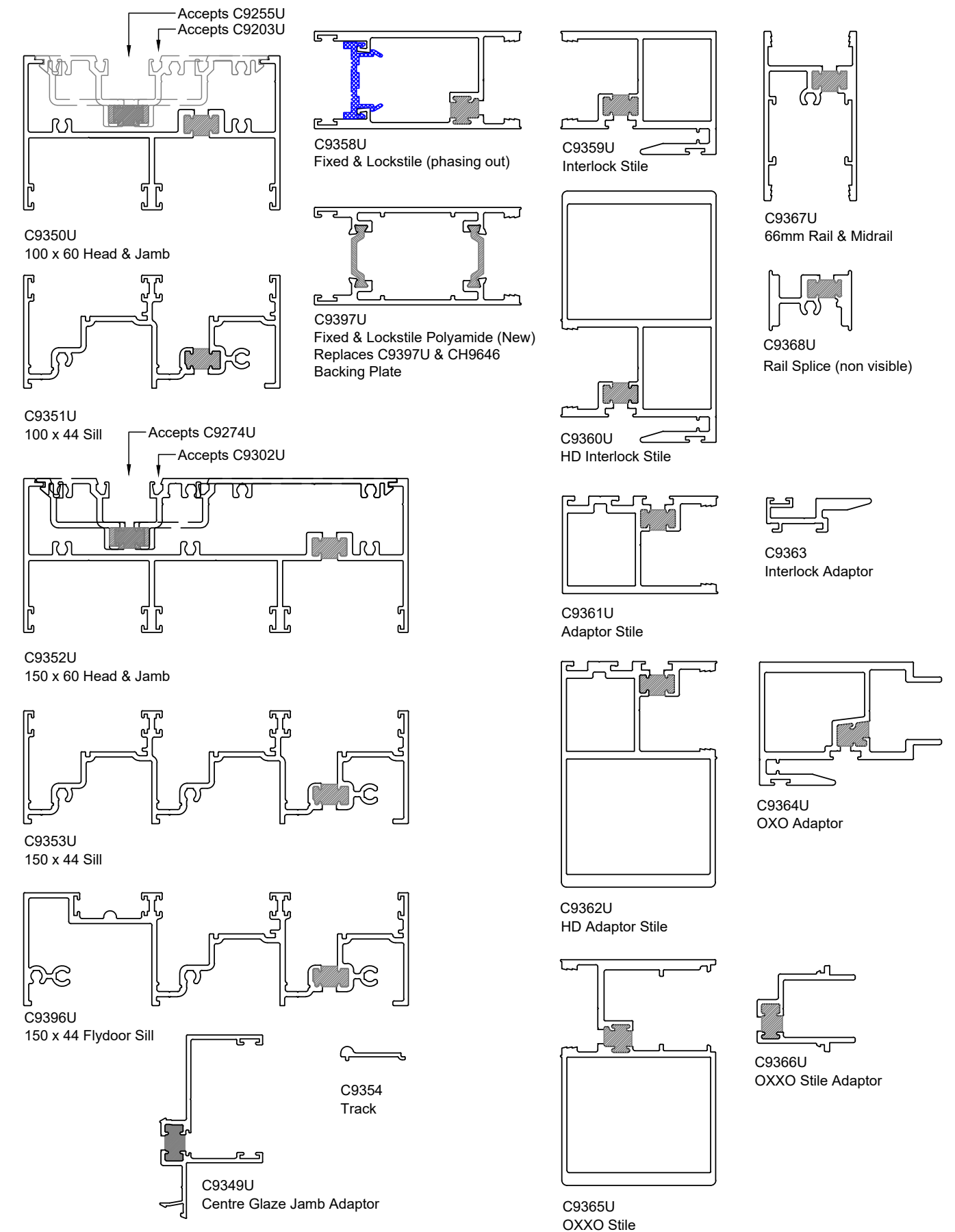
Sliding Door Configurations

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: Recommended 150kg
- Rollers rated to 180kg but operating force should be considered
- Panel Height should be no greater than 2.5 times panel width

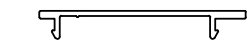


Extrusion ID

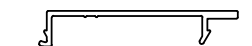


U-Max™ THERMAL BREAK SLIDING DOOR

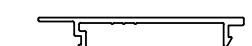
**U-Max Doors: USLIDDOOR - 3
Extrusion ID**



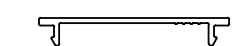
C9355
Outer Filler (1 pip)



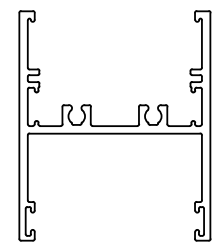
C9356
Mid Filler (2 pip)



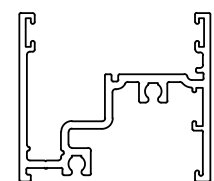
C9357
Inner Thermal Filler (3 pip)



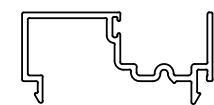
C9670
Universal Filler (4 pip)



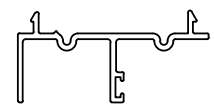
C9369
60mm Plant on Frame



C9370
44mm Plant on Sill
& screen track



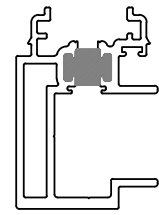
C9371
Flydoor Head / Jamb Infil



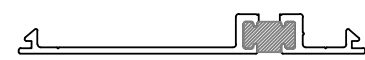
C9372
XXO Screen Infil



C9373
XXO Flydoor Sill Infil



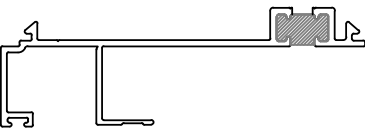
C9378U
Corner Stile Adaptor



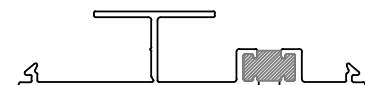
C9204U
100 Flat Filler



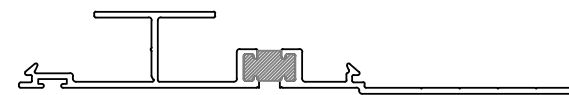
C9205U
100 Nailing Fin



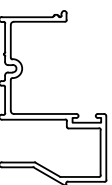
C9608U
100 In Line Filler



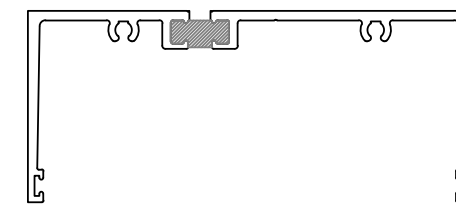
C9266U
Build In Filler



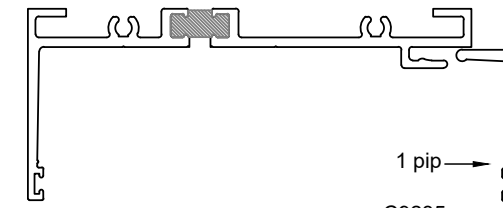
C9527U
Build In Bracket



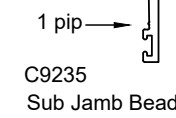
C9694
Flydoor Head / Jamb Adaptor



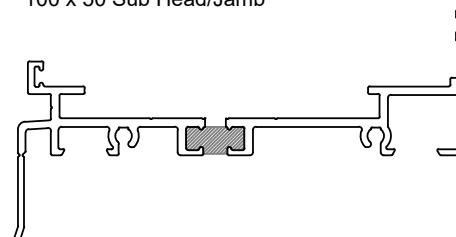
C9233U
100 x 50 Sub Head



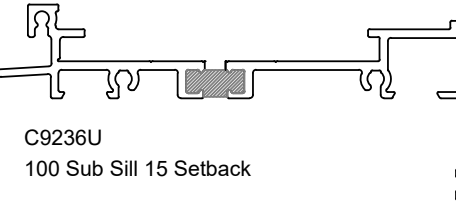
C9234U
100 x 50 Sub Head/Jamb



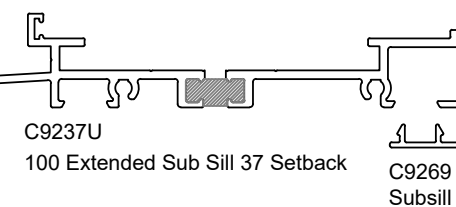
C9235
Sub Jamb Bead



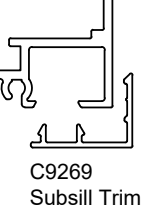
C9268U
100 Sub Sill 7 Setback



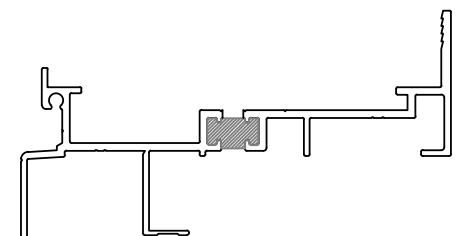
C9236U
100 Sub Sill 15 Setback



C9237U
100 Extended Sub Sill 37 Setback



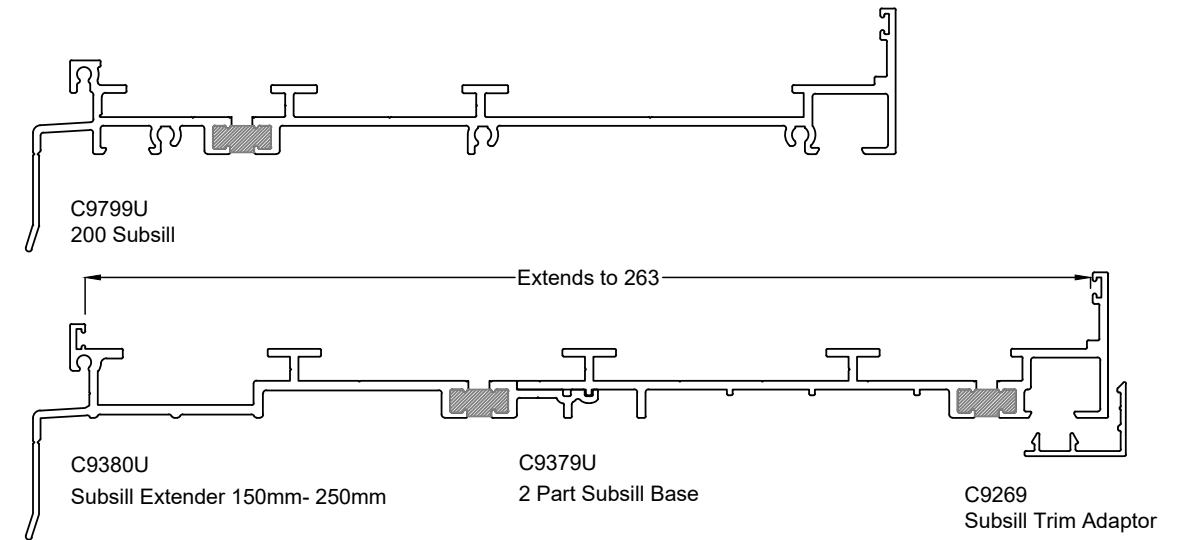
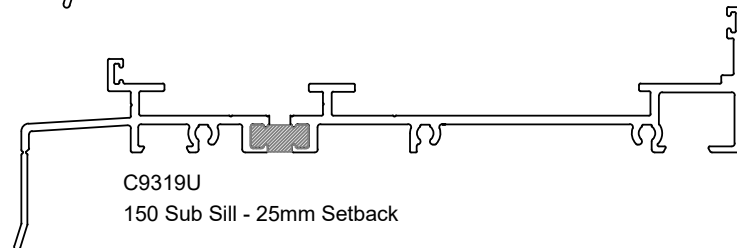
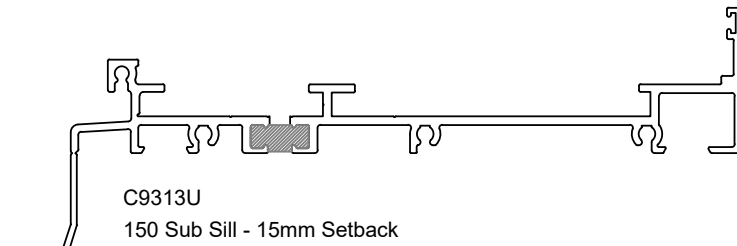
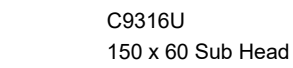
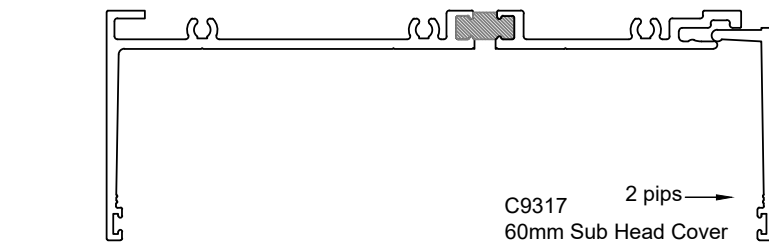
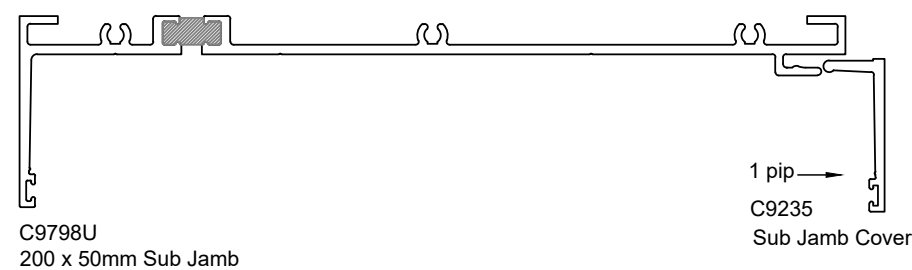
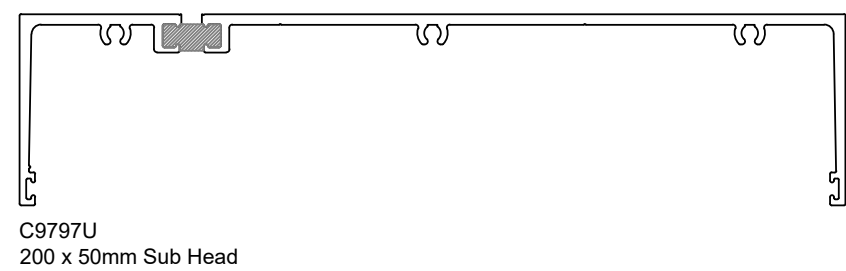
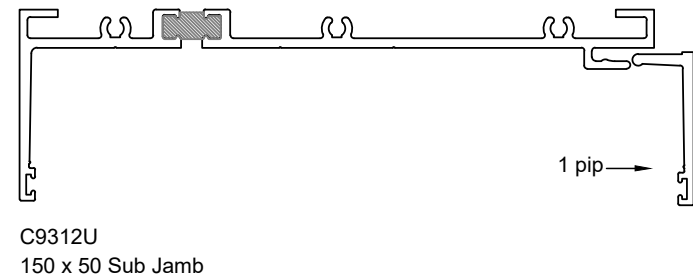
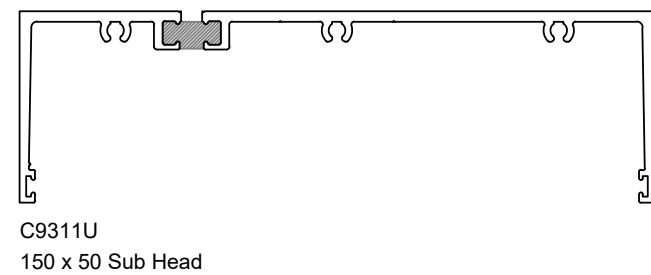
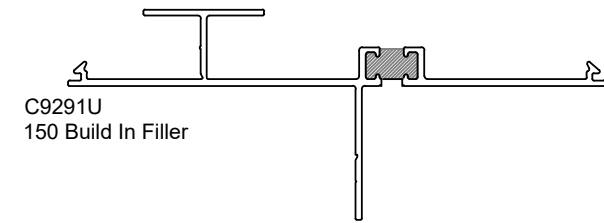
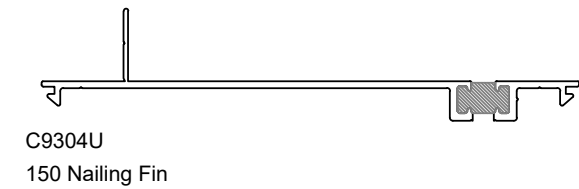
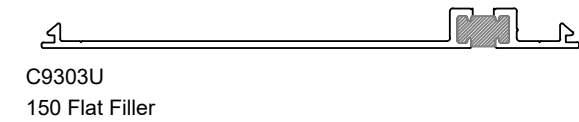
C9269
Subsill Trim Adaptor



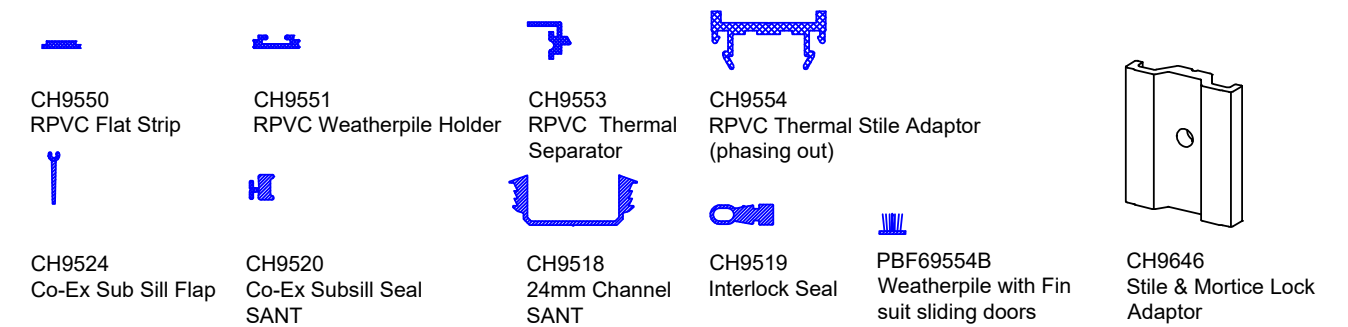
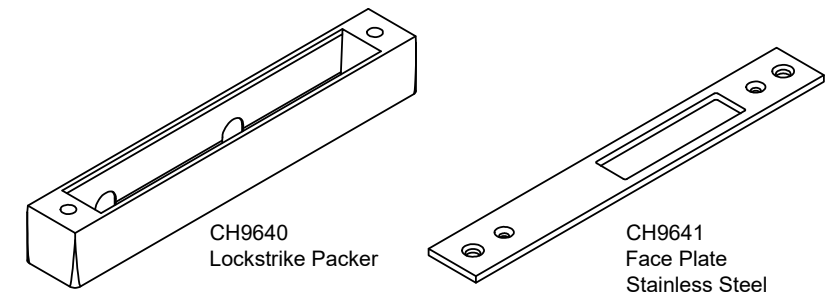
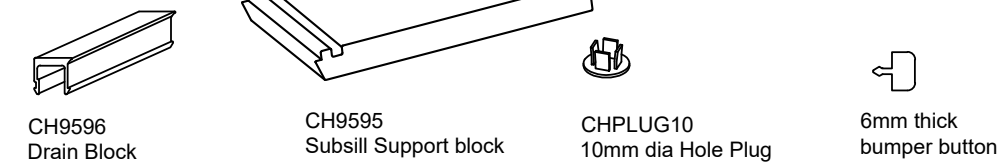
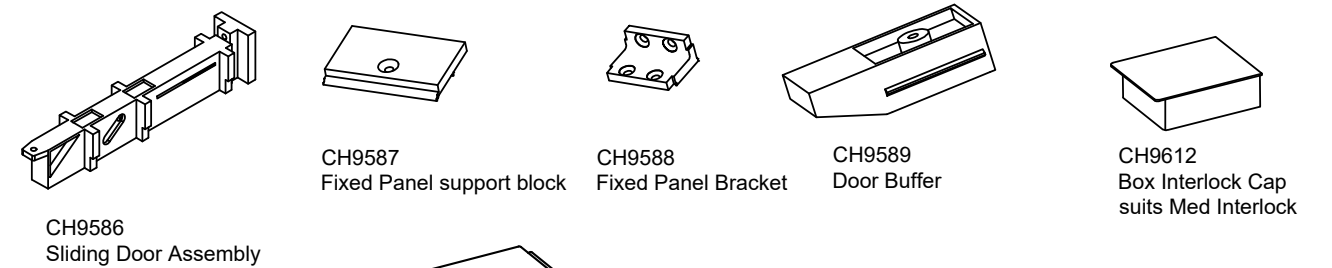
C9238U
100 Nailing Fin Subsill

U-Max™ THERMAL BREAK SLIDING DOOR

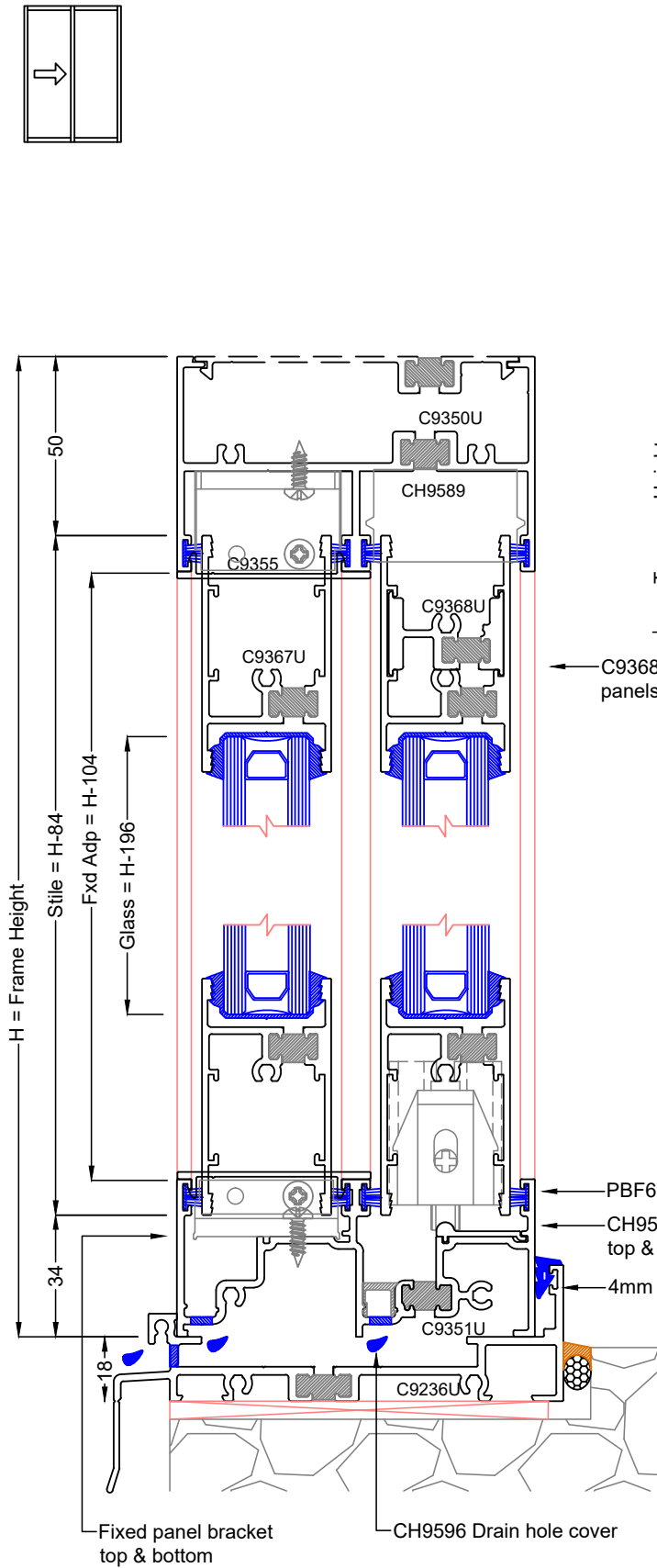
**U-Max Doors: USLIDDOOR - 4
Extrusion ID**



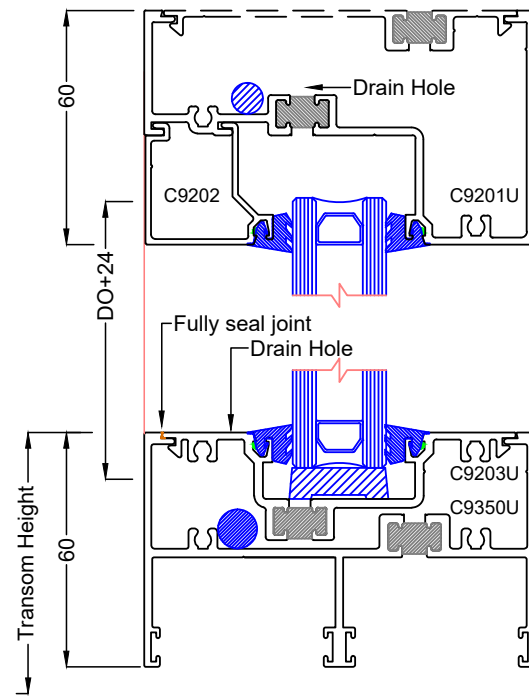
Component ID



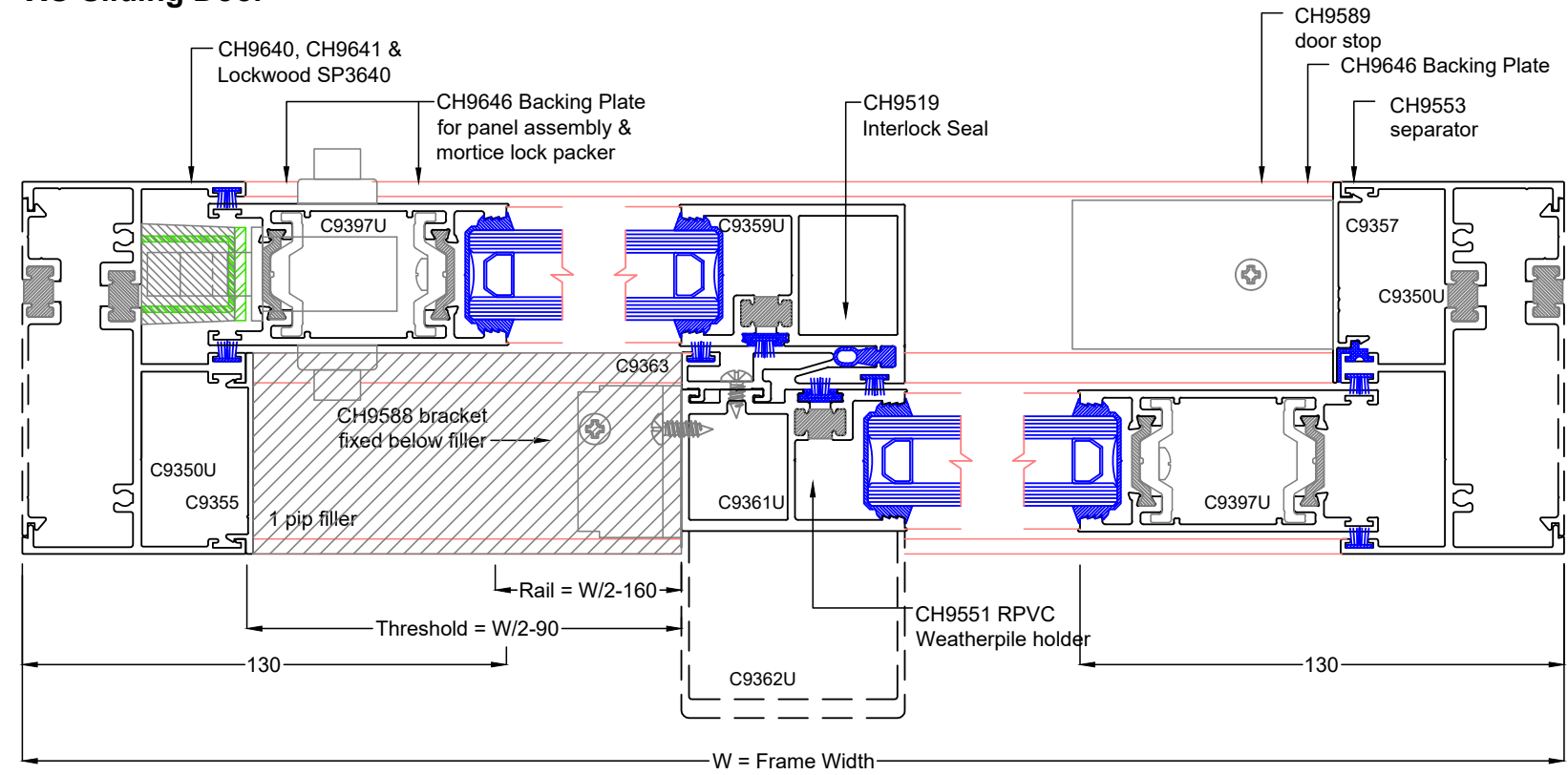
U-Max™ THERMAL BREAK SLIDING DOOR
U-Max Doors: USLIDDOOR - 5
XO Sliding Door



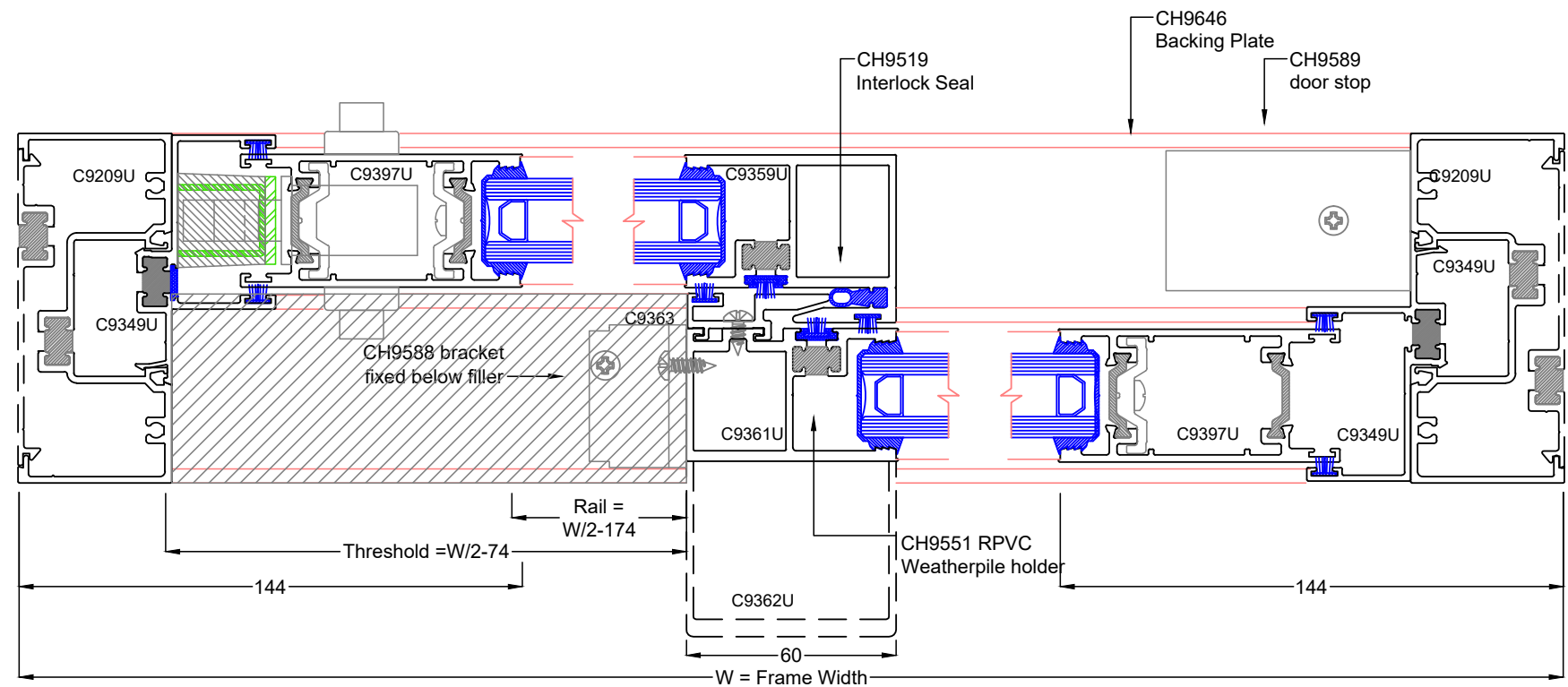
XO Sliding Door Highlight



XO Sliding Door



100mm XO Sliding Door with 44mm Centre Glazed Jamb

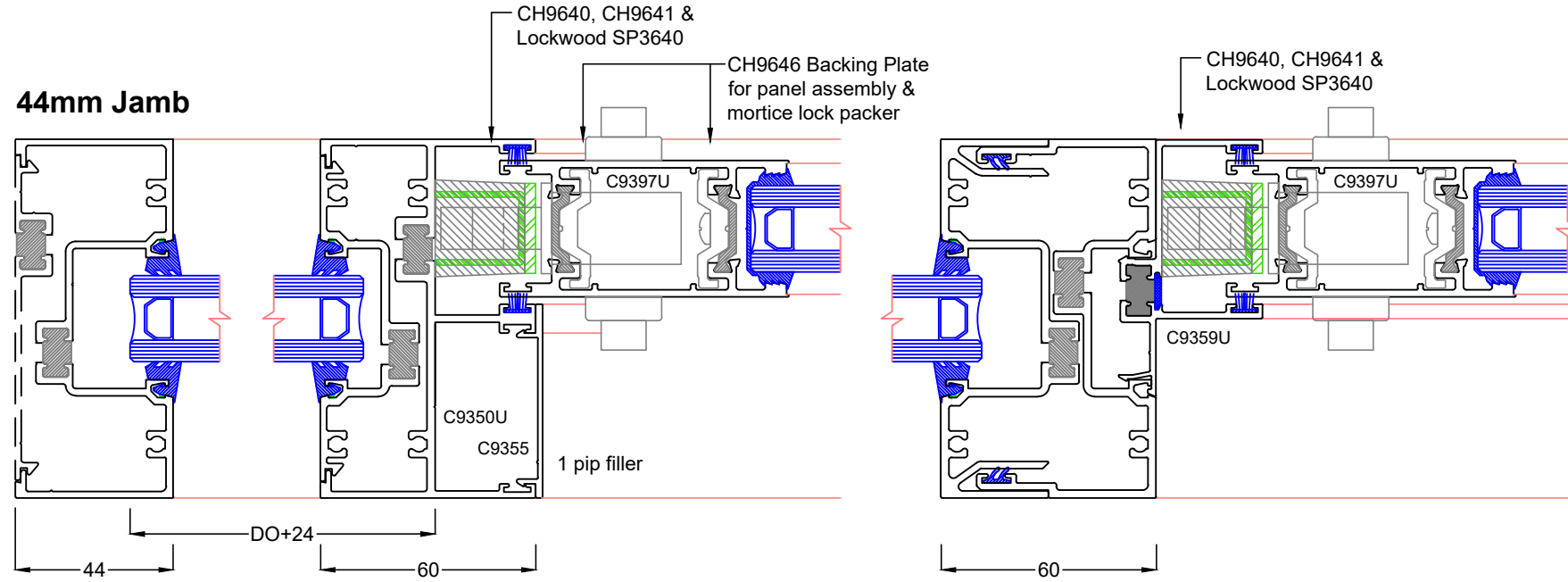


U-Max™ THERMAL BREAK SLIDING DOOR

U-Max Doors: USLIDDOOR - 6

100mm XO Sliding Door coupled to Centre Glazed framing

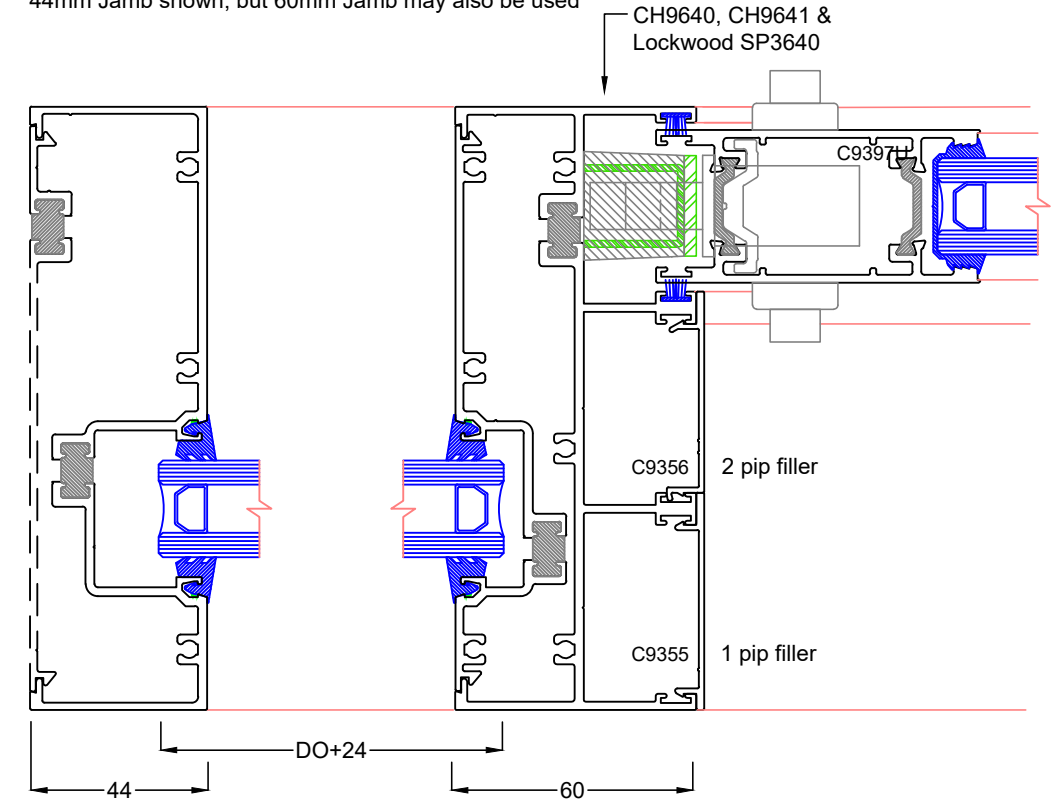
44mm Jamb shown, but 60mm Jamb may also be used.
This mullion assembly can only be used if no highlight is required.



This mullion assembly used if highlights are required in conjunction with fixed sidelights.

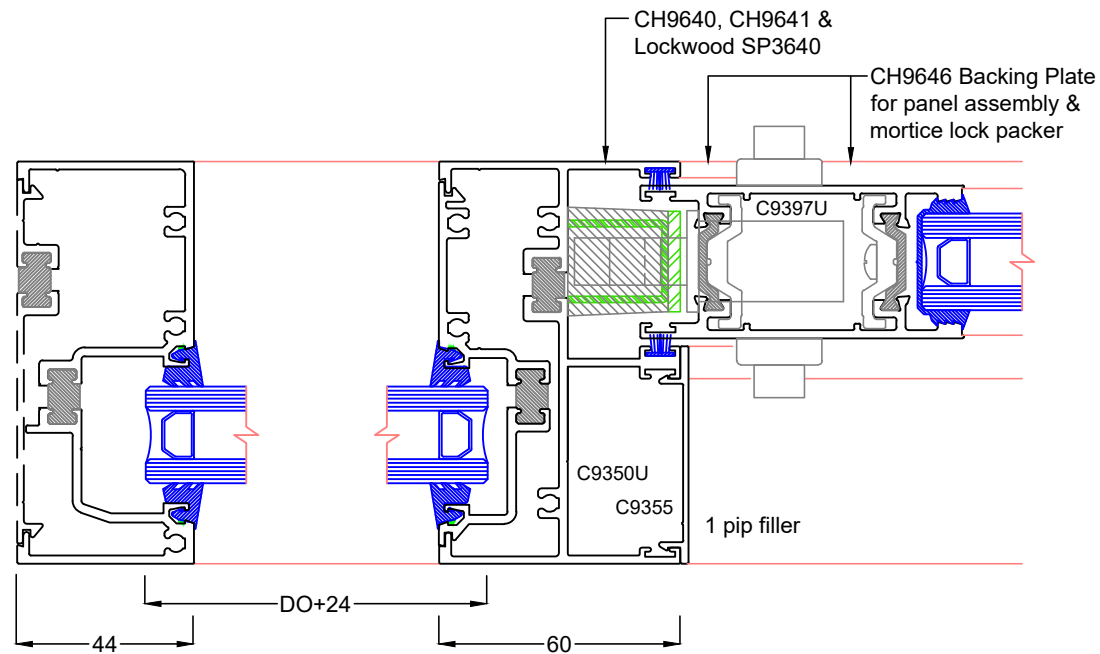
150mm Sliding Door coupled to 150mm Offset Glazed framing

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



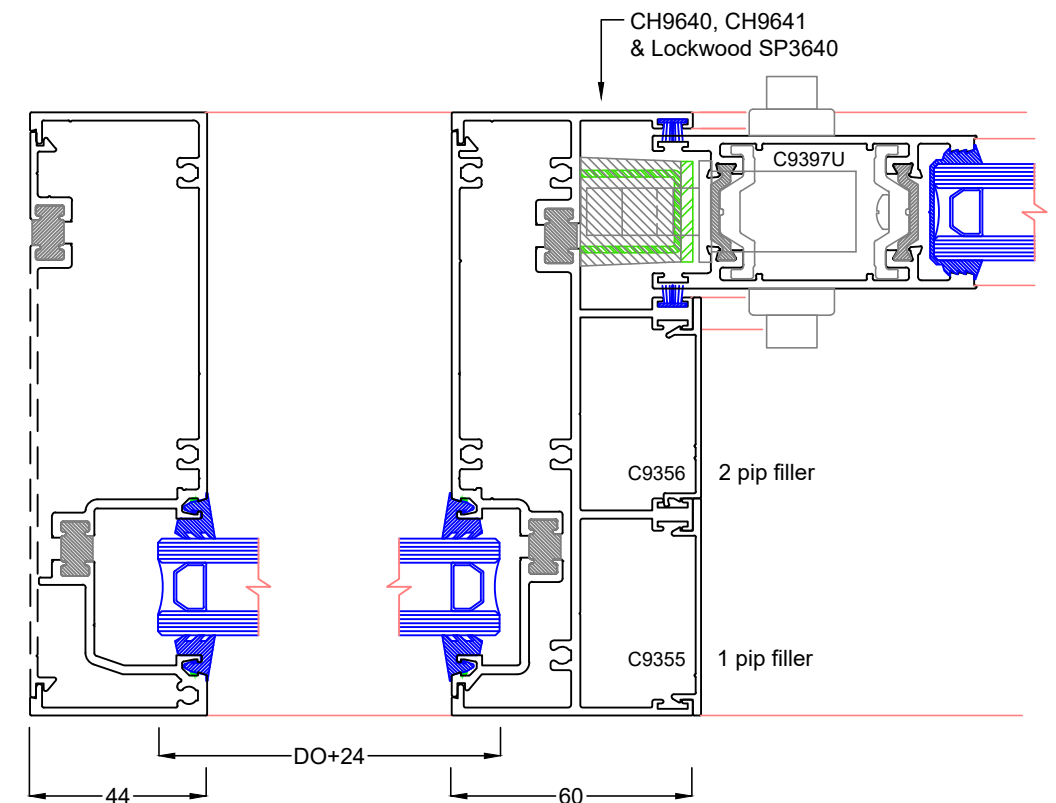
100mm XO Sliding Door coupled to Front Glazed framing

44mm Jamb shown, but 60mm Jamb may also be used.
This mullion assembly can only be used if no highlight is required.



150mm Sliding Door coupled to 150mm Front Glazed framing

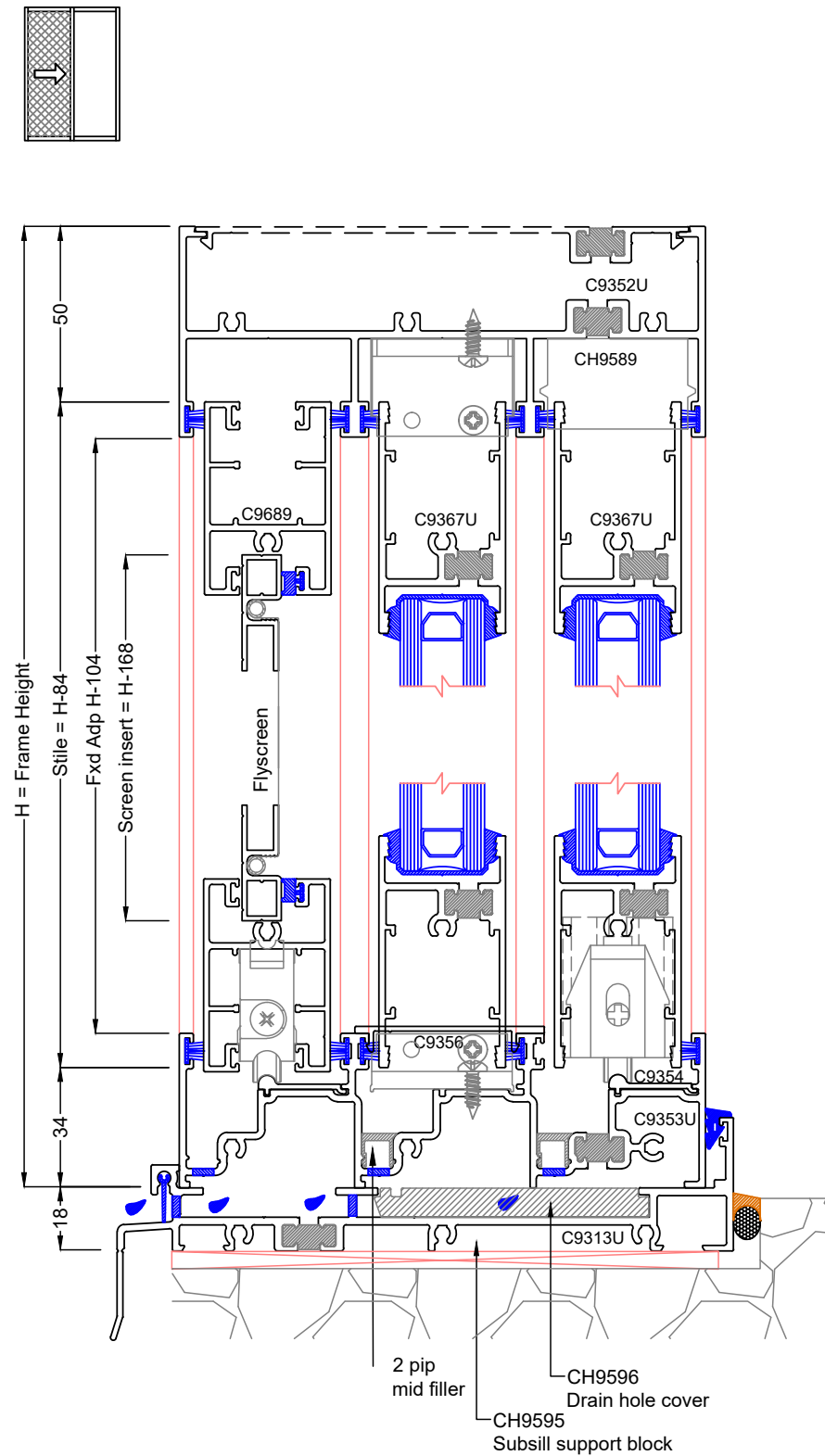
44mm Jamb shown, but 60mm Jamb may also be used



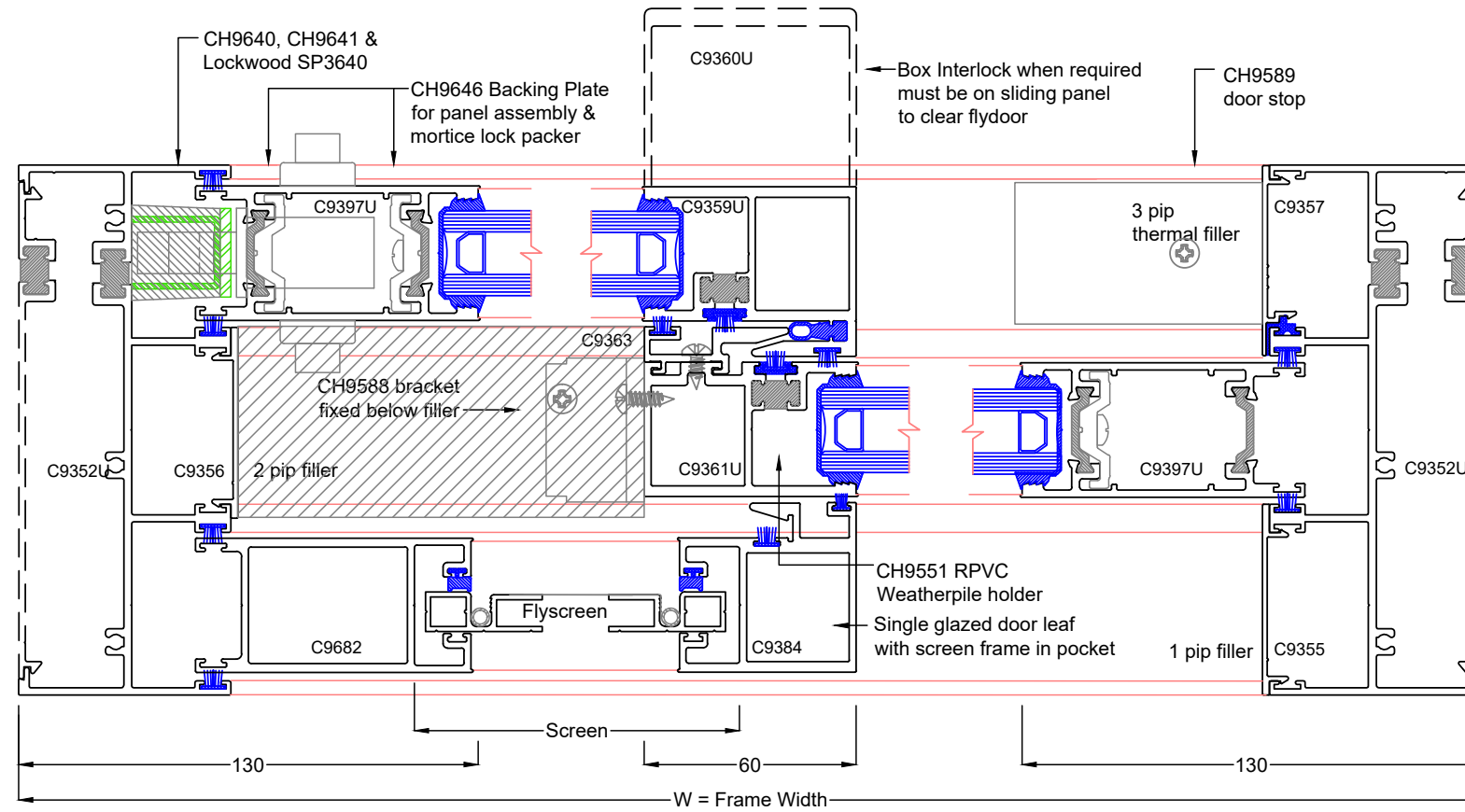
U-Max™ THERMAL BREAK SLIDING DOOR

U-Max Doors: USLIDDOOR - 7

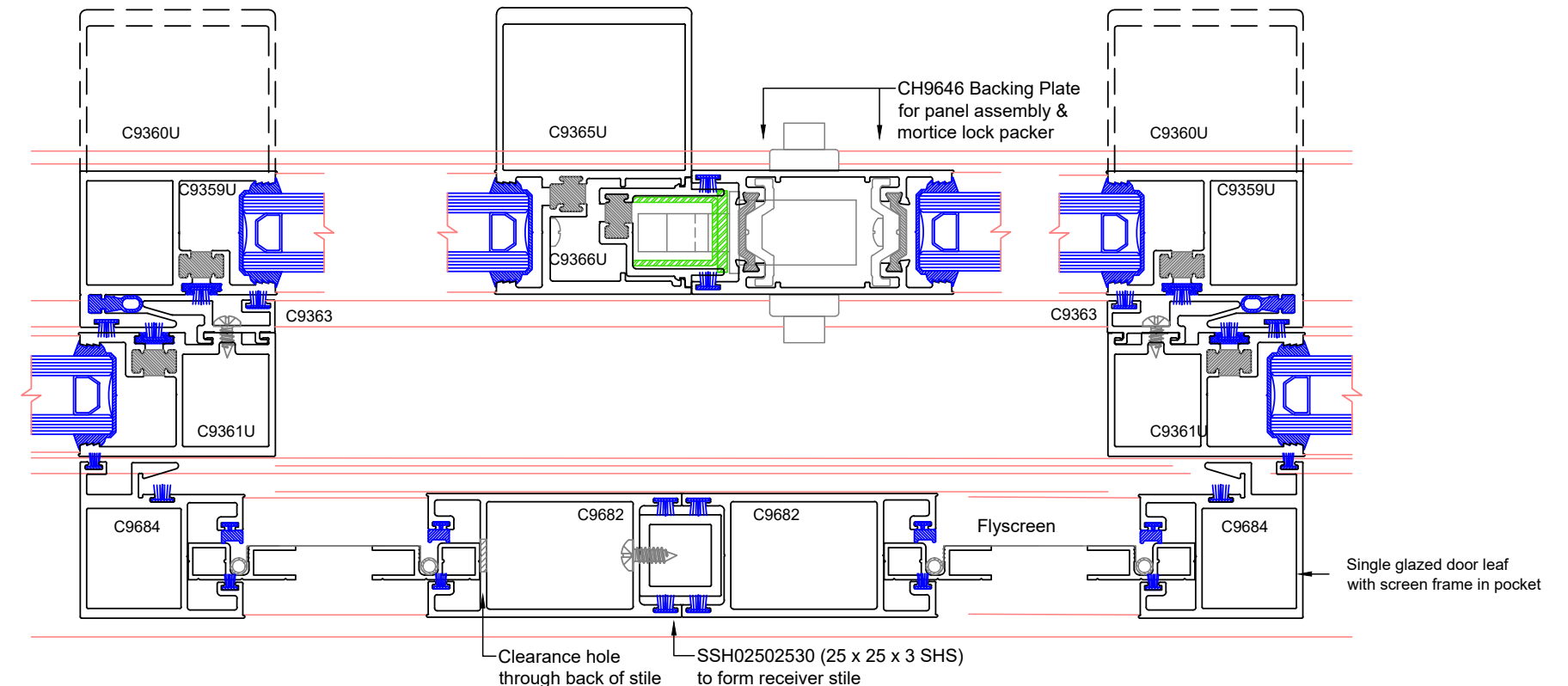
XO Sliding Door with 150 frame & flydoor in door panel



XO Sliding Door with 150 frame & flydoor in door panel



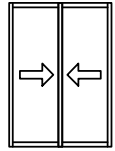
OXXO Sliding Door with pair of flydoors in door panels



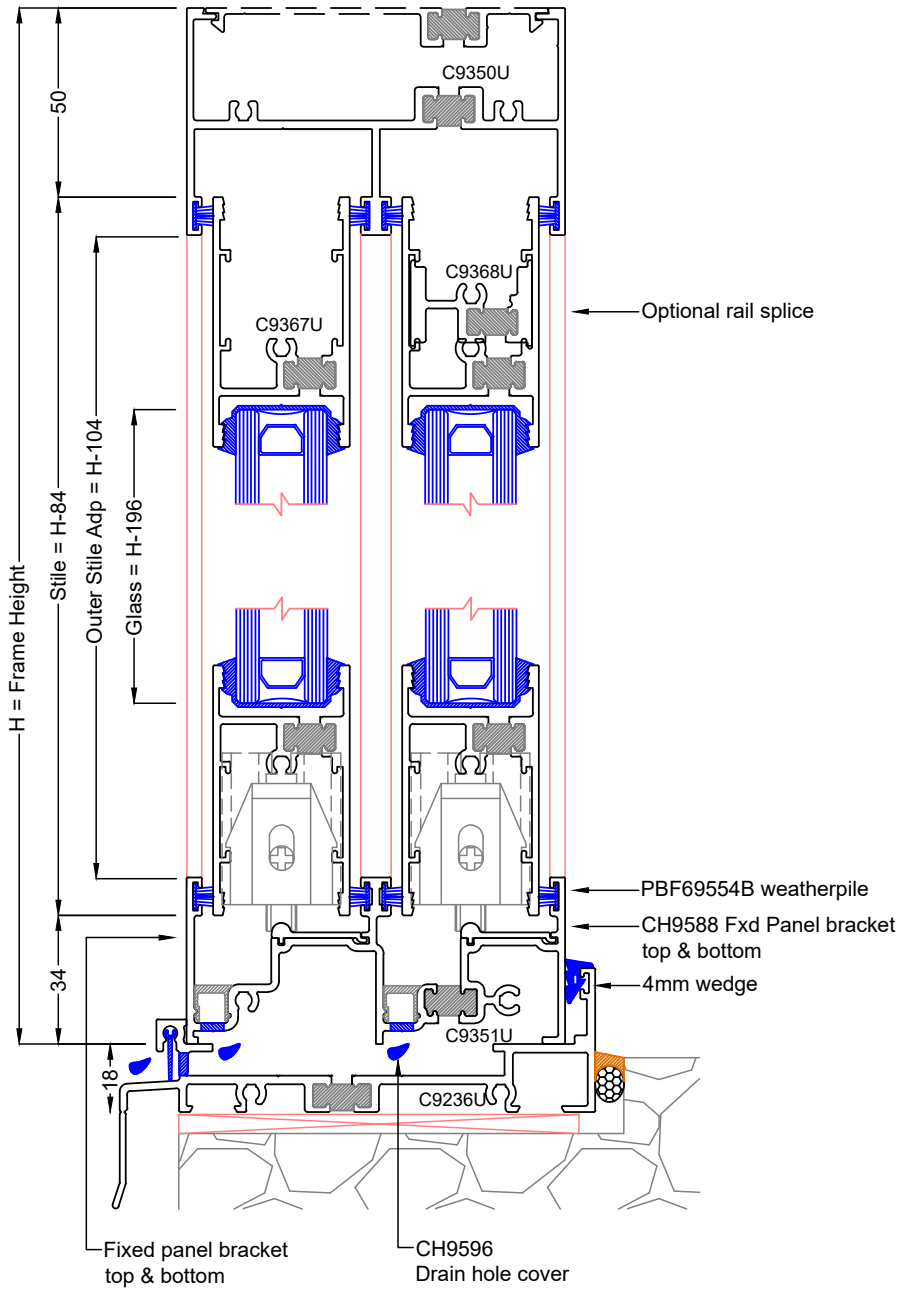
U-Max™ THERMAL BREAK SLIDING DOOR

U-Max Doors: USLIDDOOR - 8

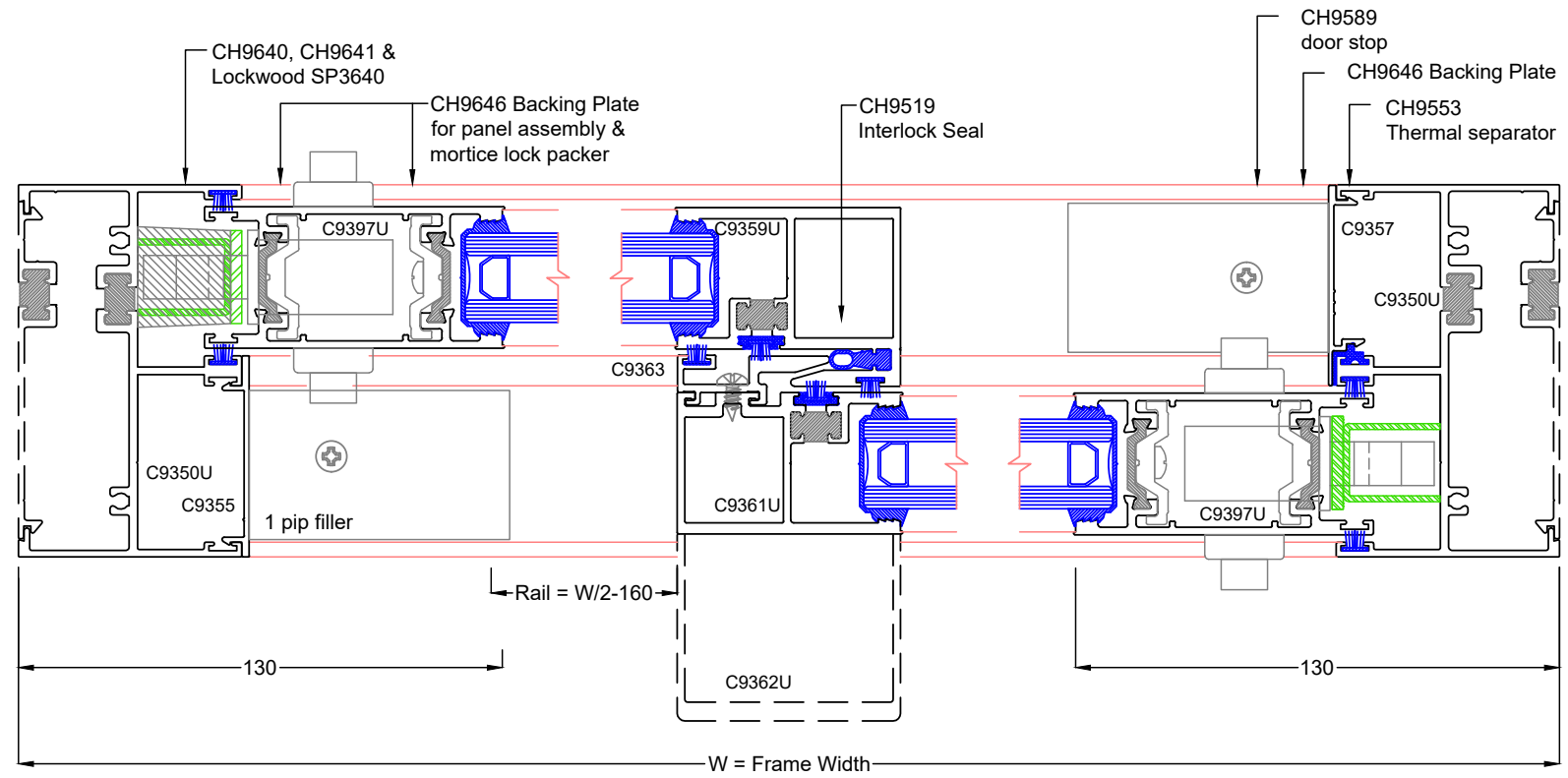
XX Sliding Door



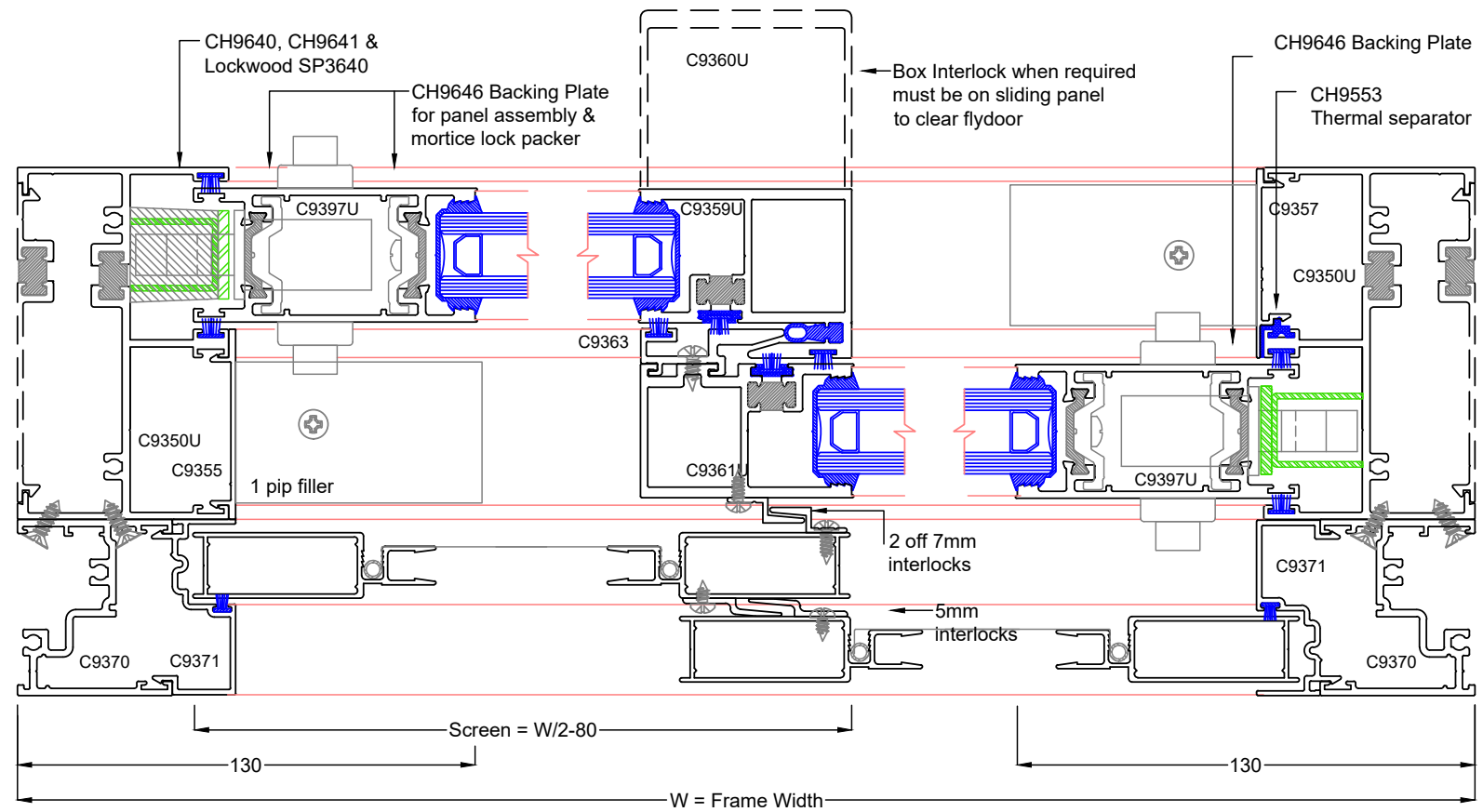
XX door have a lock in each panel but do not bi-part completely as they are limited by the lock cylinder protruding.



XX Sliding Door



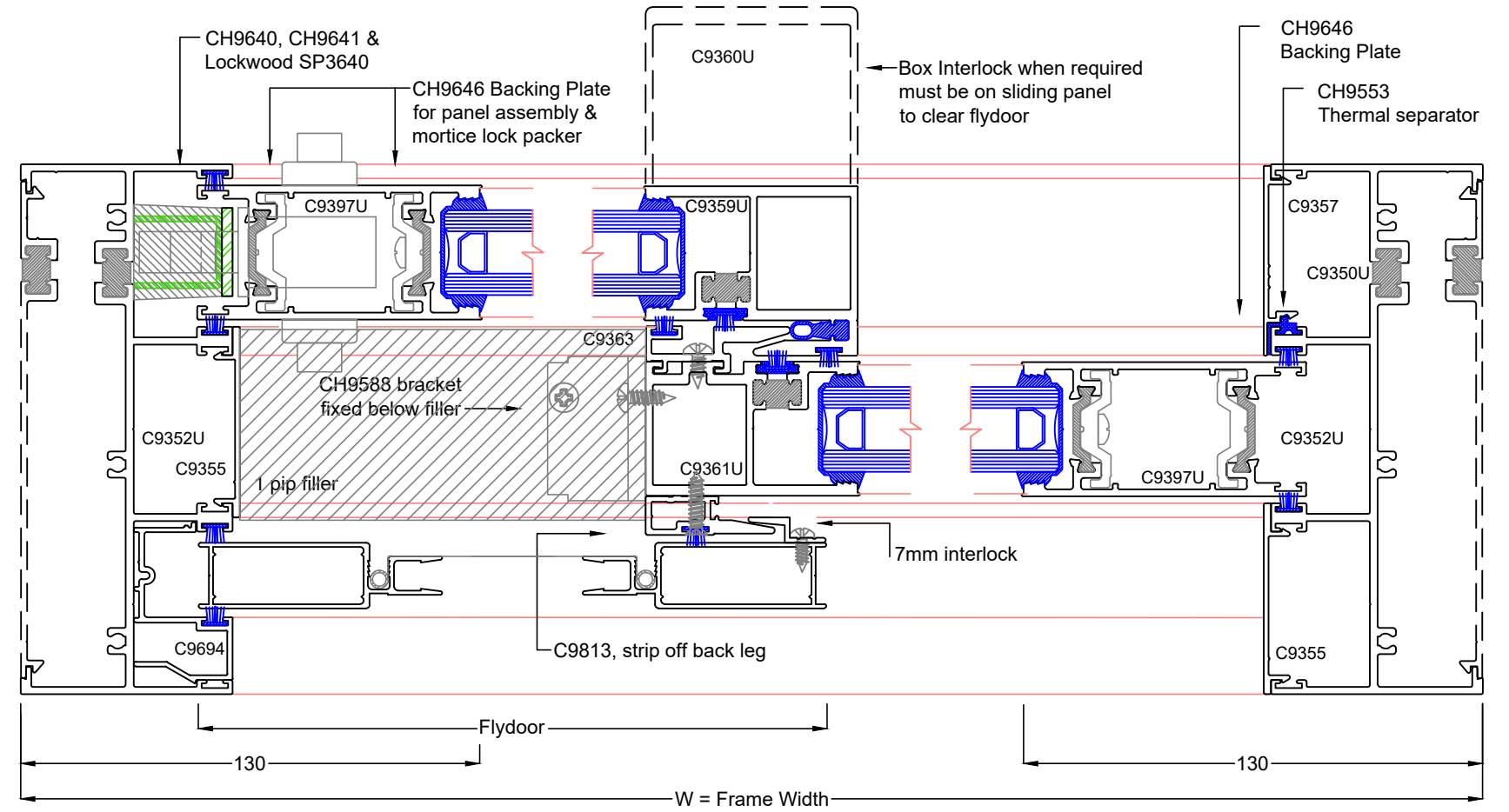
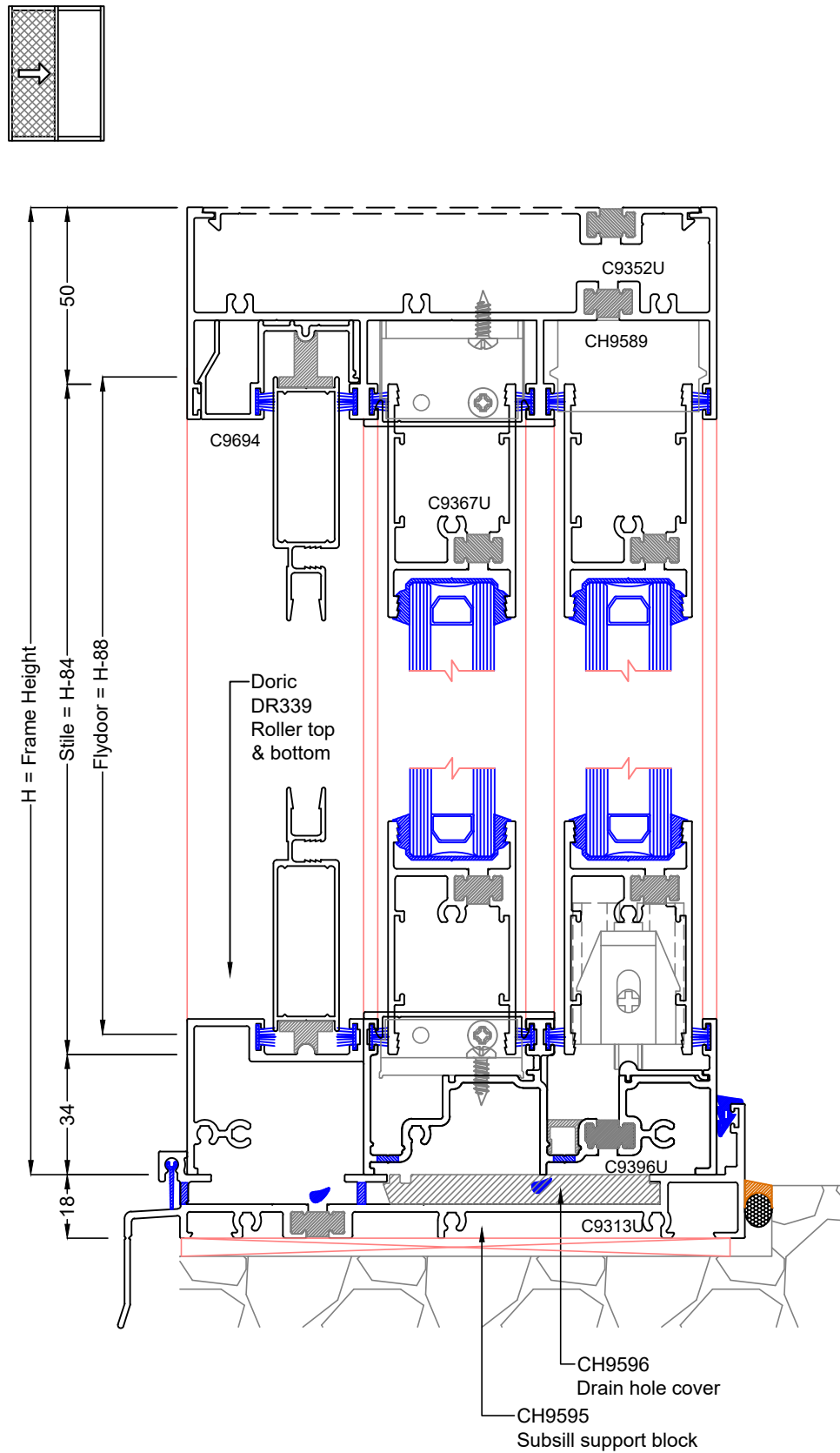
XX Sliding Door with plant on screen frame (150mm overall)



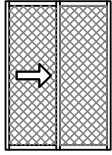
U-Max™ THERMAL BREAK SLIDING DOOR

U-Max Doors: USLIDDOOR - 9

XO Sliding Door with dedicated Flydoor Sill C9396U (150mm overall)

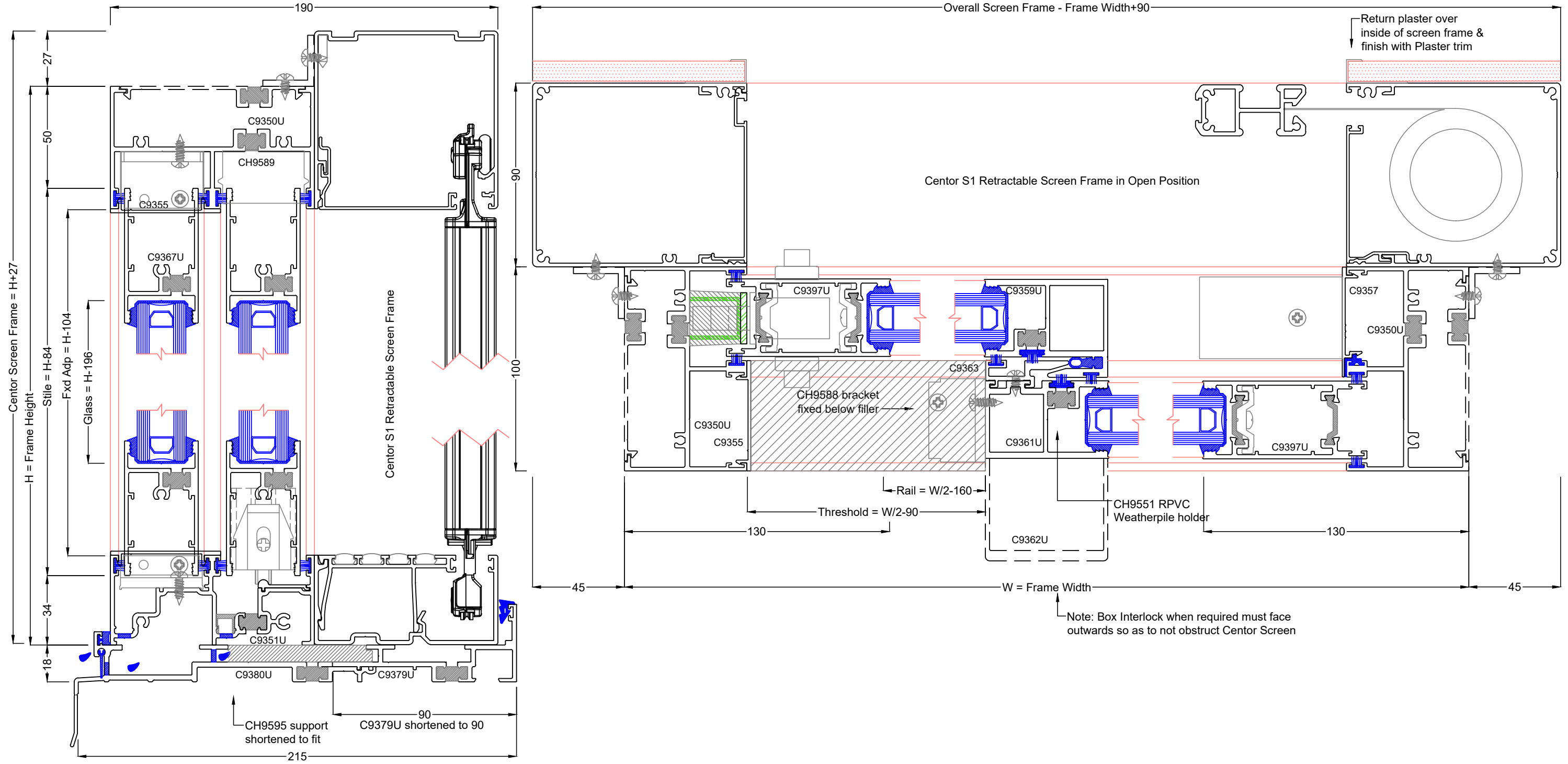


U-Max™ THERMAL BREAK SLIDING DOOR
U-Max Doors: USLIDDOOR - 10
XO Sliding Door with Centor S1 Retractable Screen

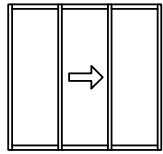


The details depicted here are typical as a means of adapting Centor Retractable screens onto sliding doors. The opening often needs to be battened out to accommodate the overall frame depth so that plaster can return over the Centor frame to conceal it from inside.

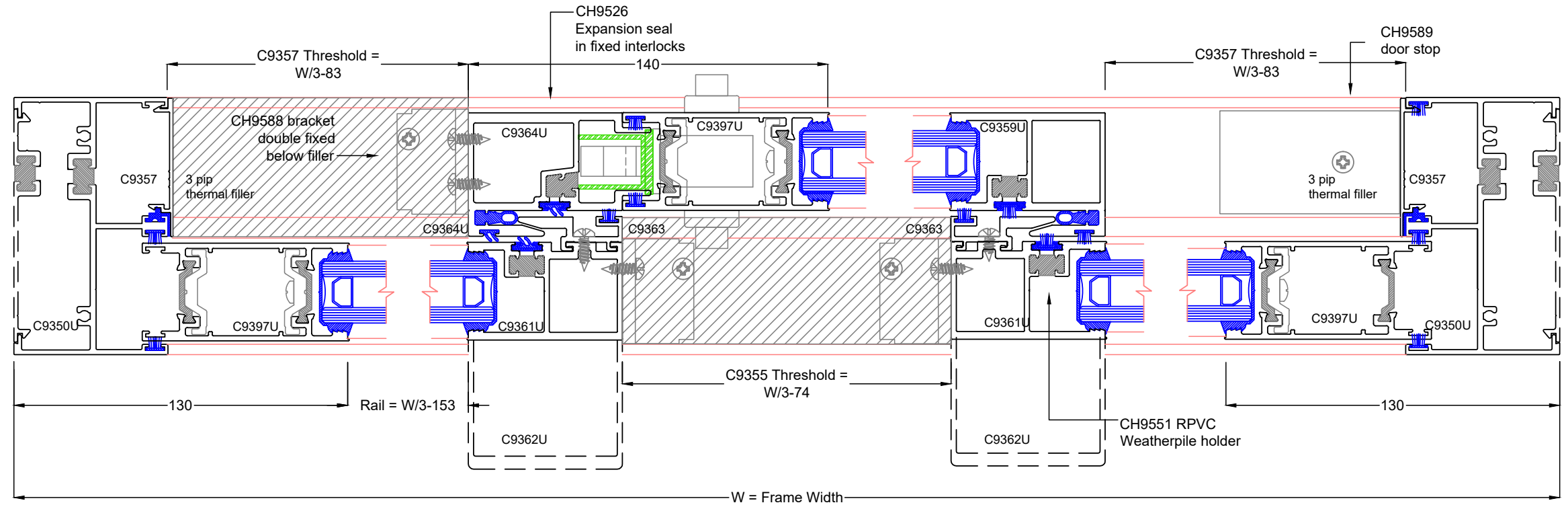
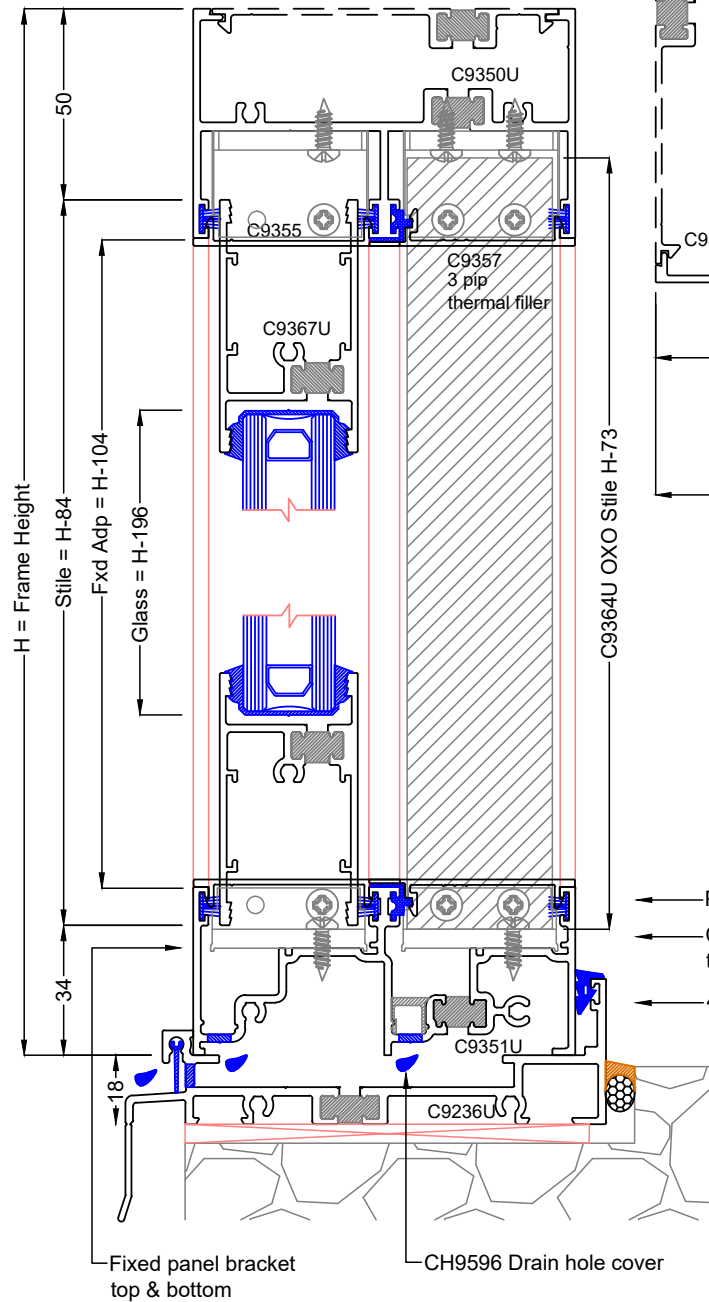
For further details refer www.centor.com.au



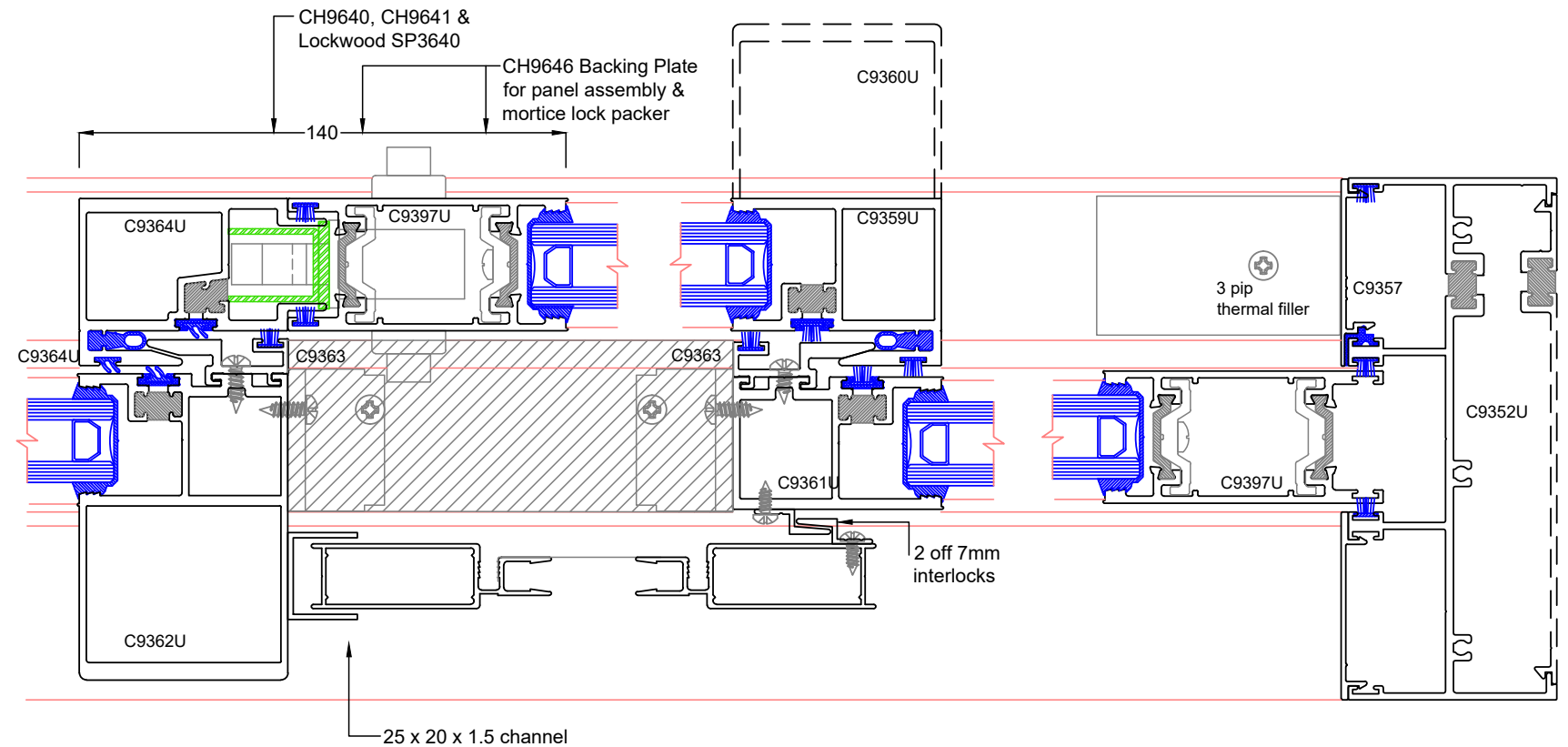
U-Max™ THERMAL BREAK SLIDING DOOR
U-Max Doors: USLIDDOOR - 11
100mm OXO Sliding Door



Shaded depicts C9364U OXO stile which is cut longer than door stiles & bracketed top & bottom. Fixings & bracket concealed by flat fillers

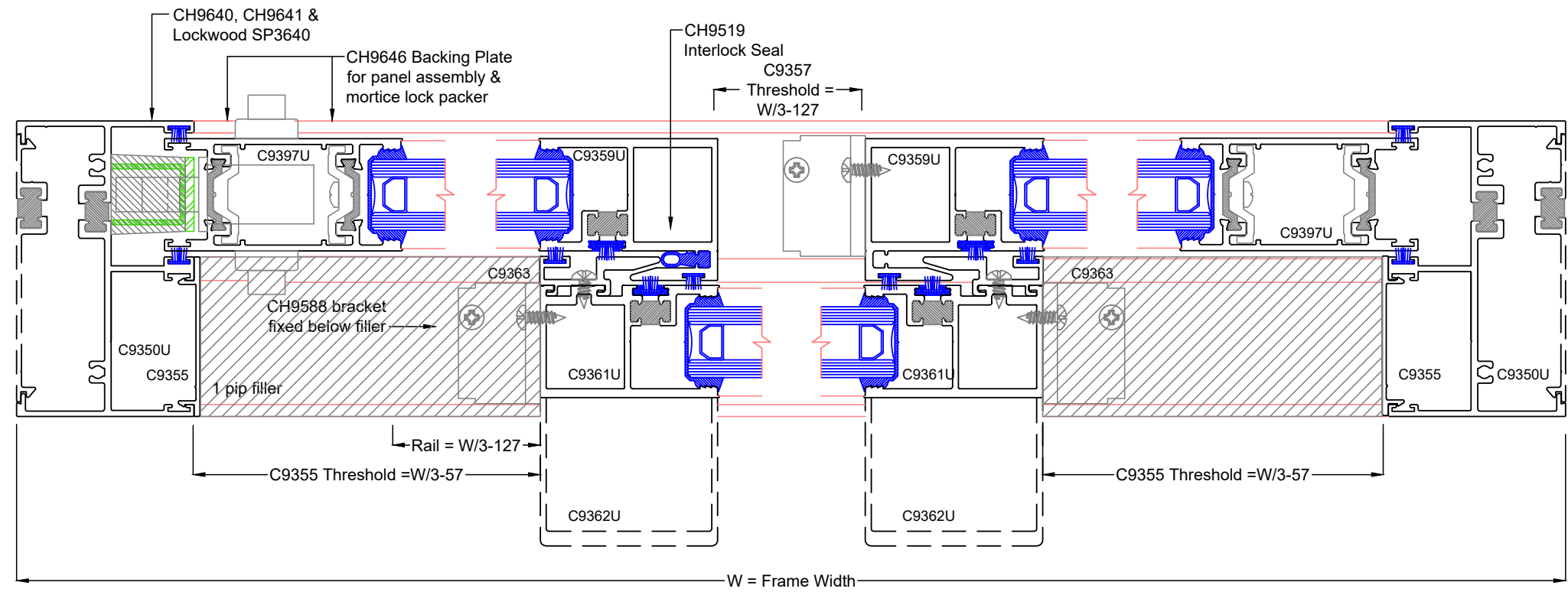
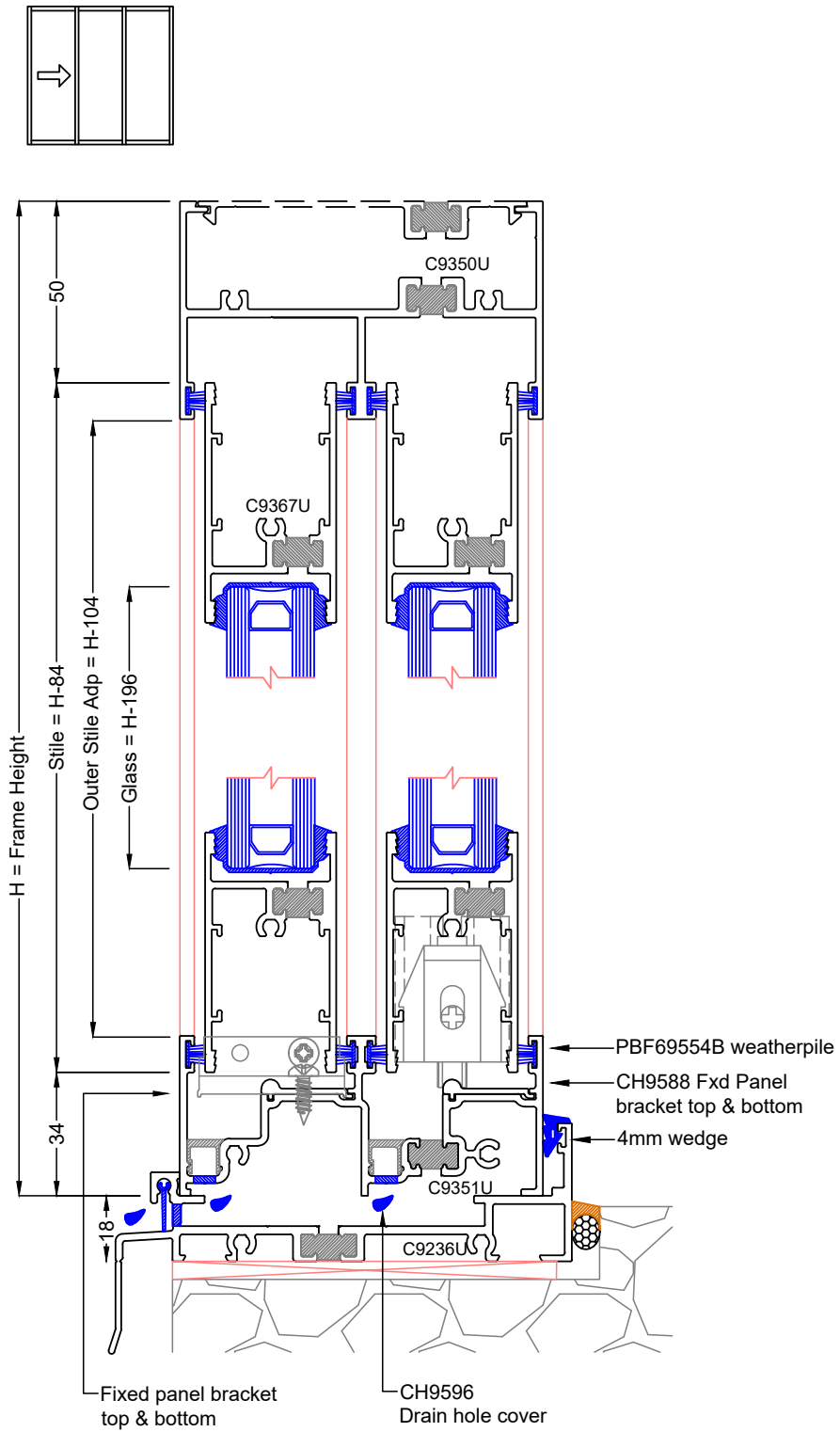


100mm OXO Sliding Door with Flydoor
Section through detail refer 2 panel door



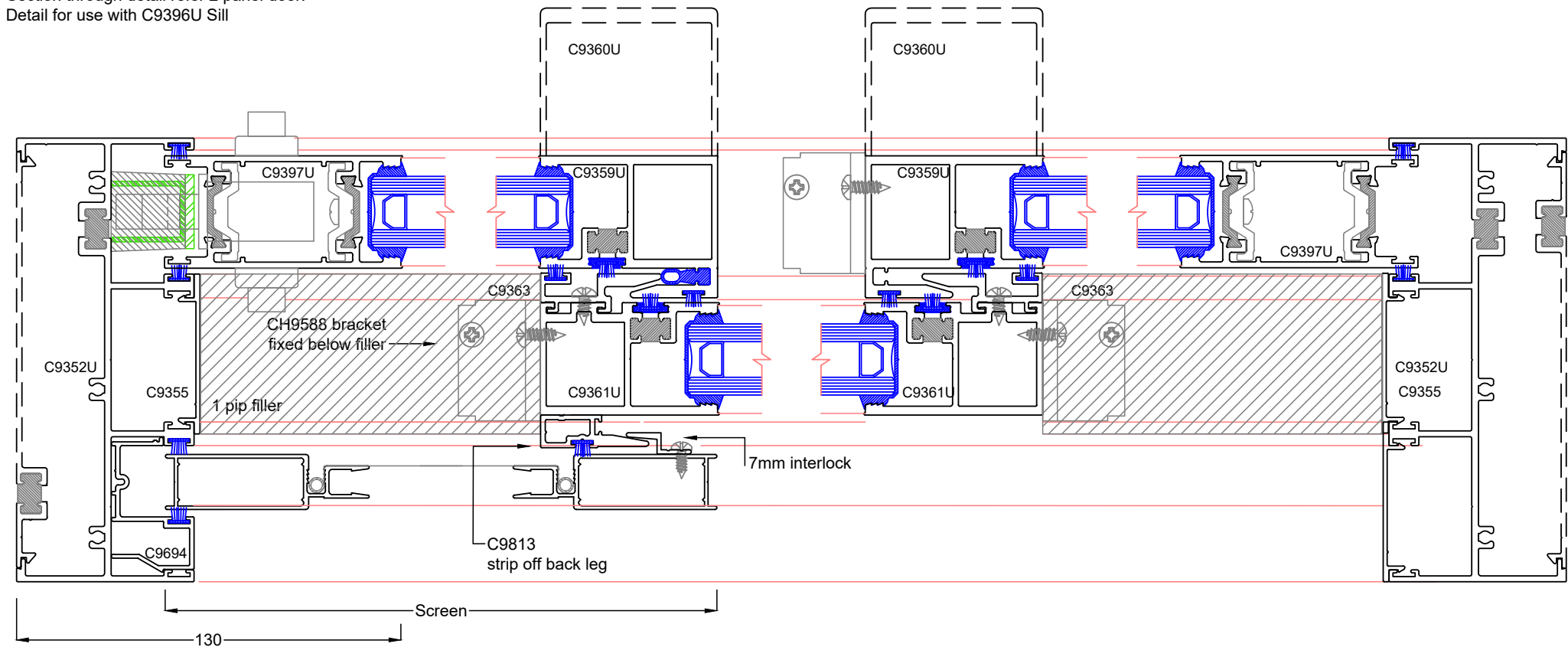
U-Max™ THERMAL BREAK SLIDING DOOR

U-Max Doors: USLIDDOOR - 12
100mm XOO Sliding Door



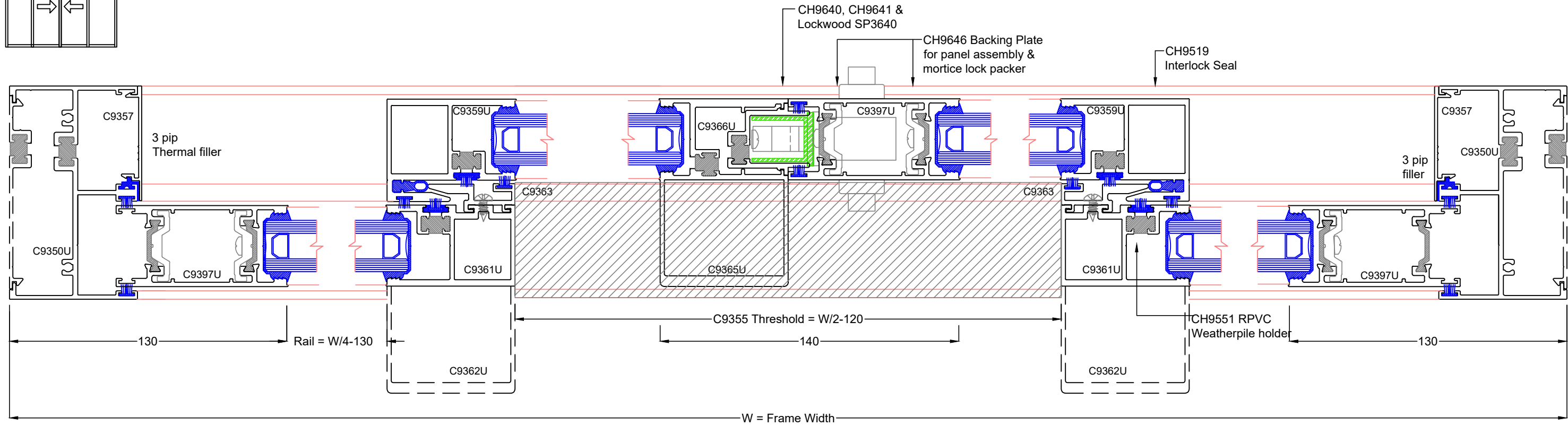
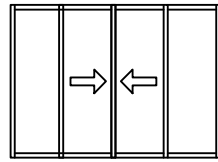
150mm XOO Sliding Door with Flydoor

Section through detail refer 2 panel door.
Detail for use with C9396U Sill



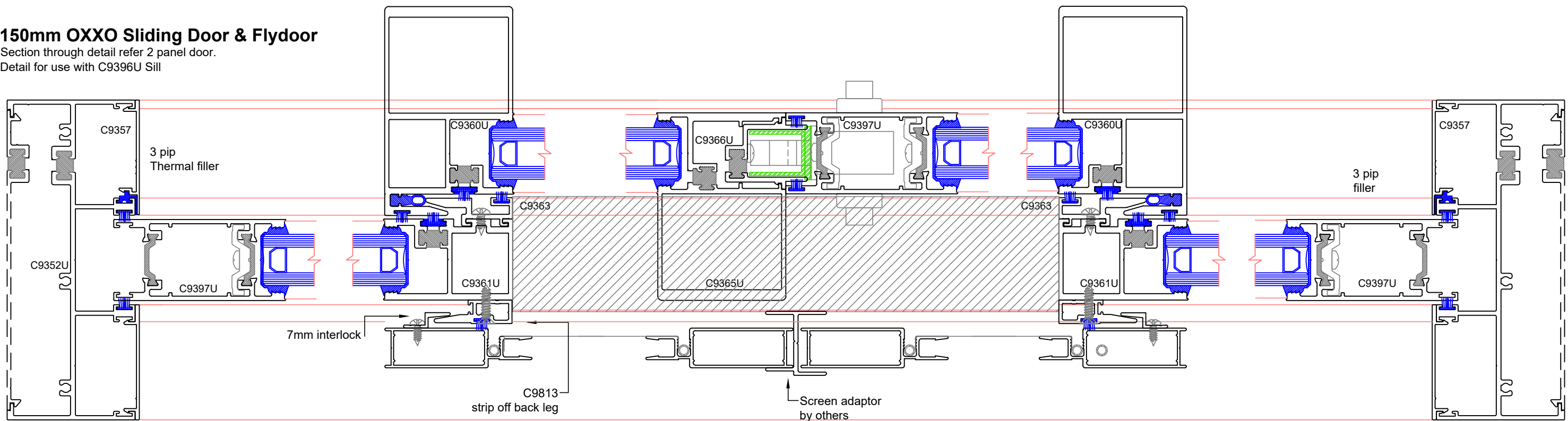
U-Max™ THERMAL BREAK SLIDING DOOR

U-Max Doors: USLIDDOOR - 13
100mm OXXO Sliding Door



150mm OXXO Sliding Door & Flydoor

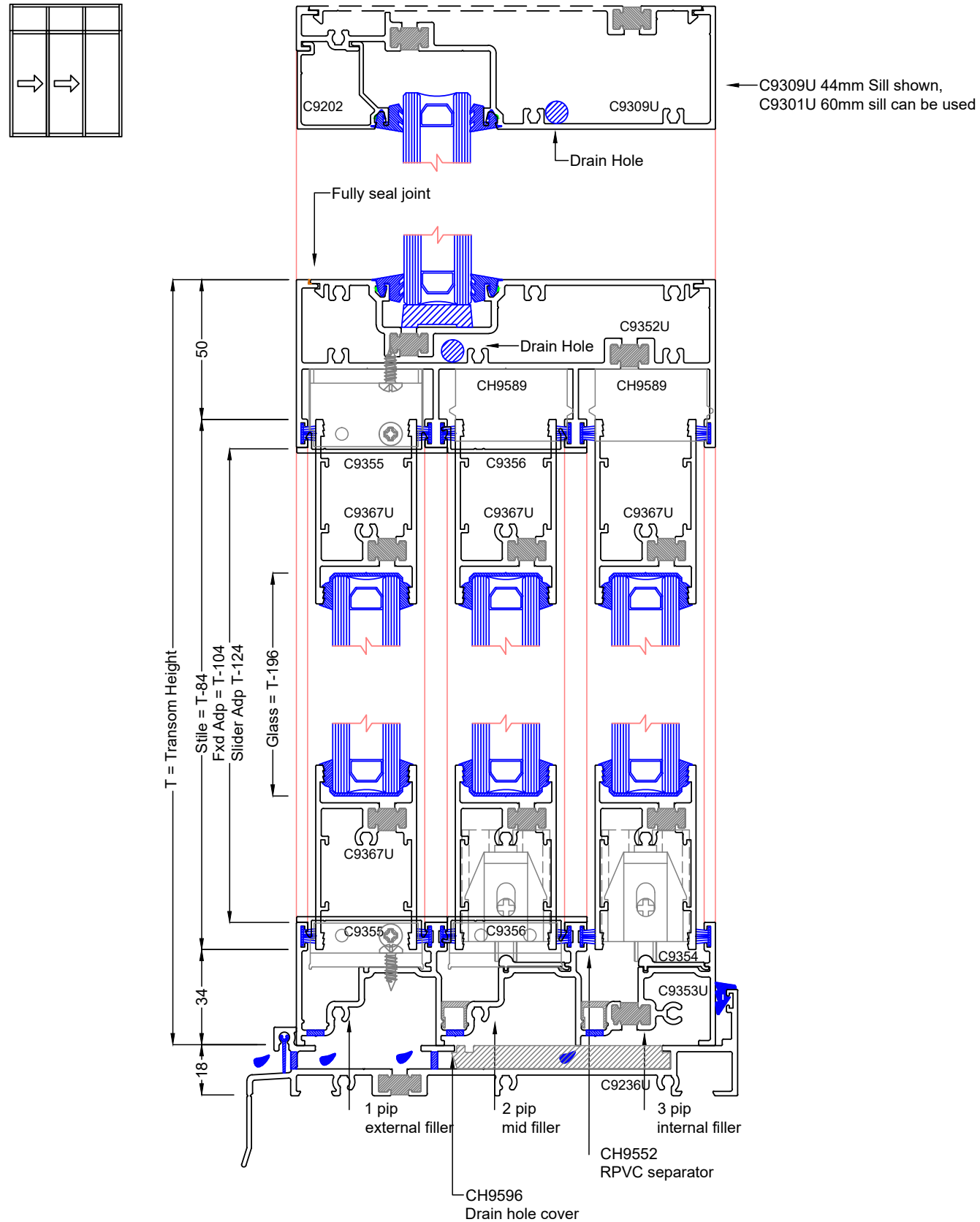
Section through detail refer 2 panel door.
Detail for use with C9396U Sill



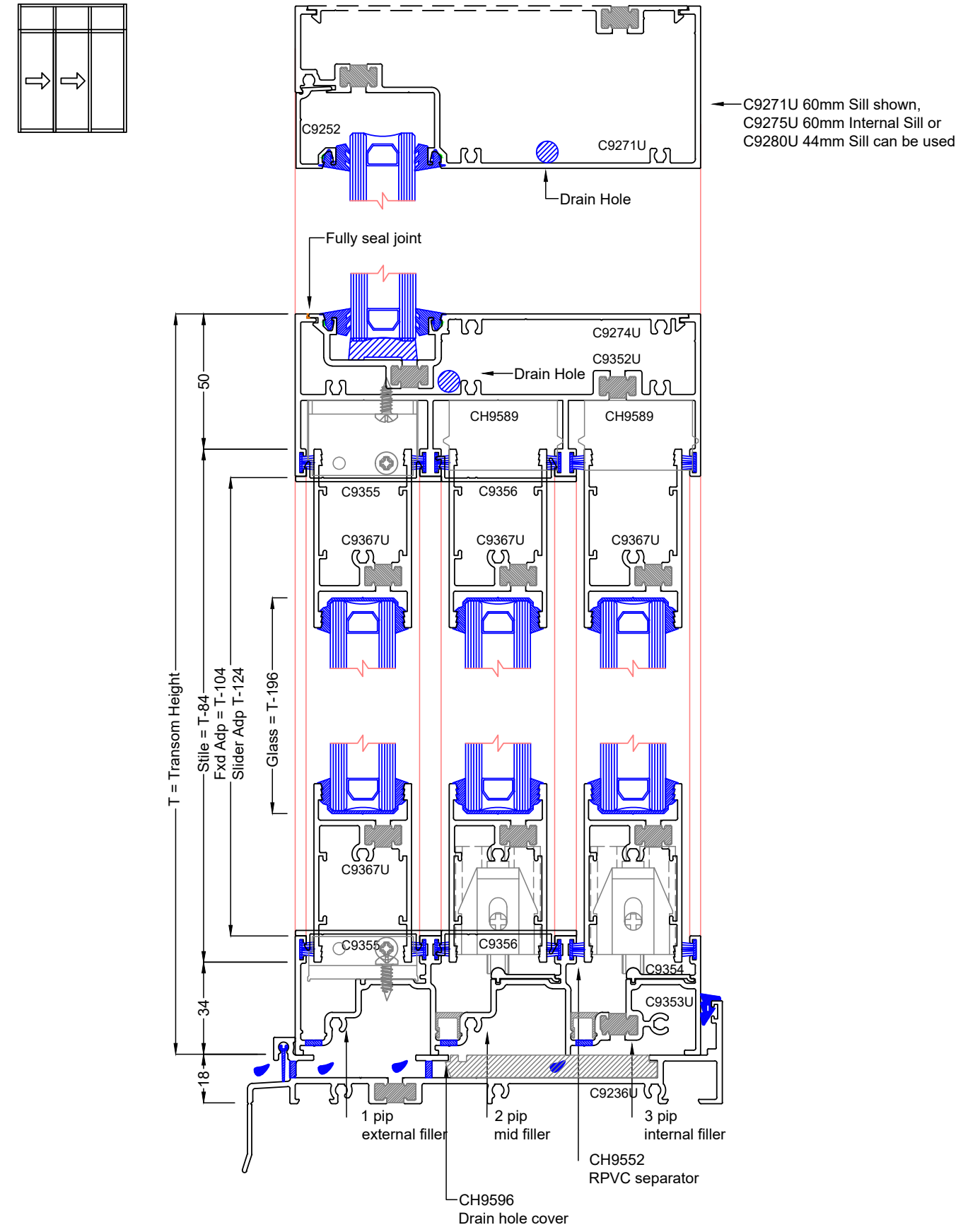
U-Max™ THERMAL BREAK SLIDING DOOR

U-Max Doors: USLIDDOOR - 14

150mm XXO Sliding Door & 150 Offset Framing highlight

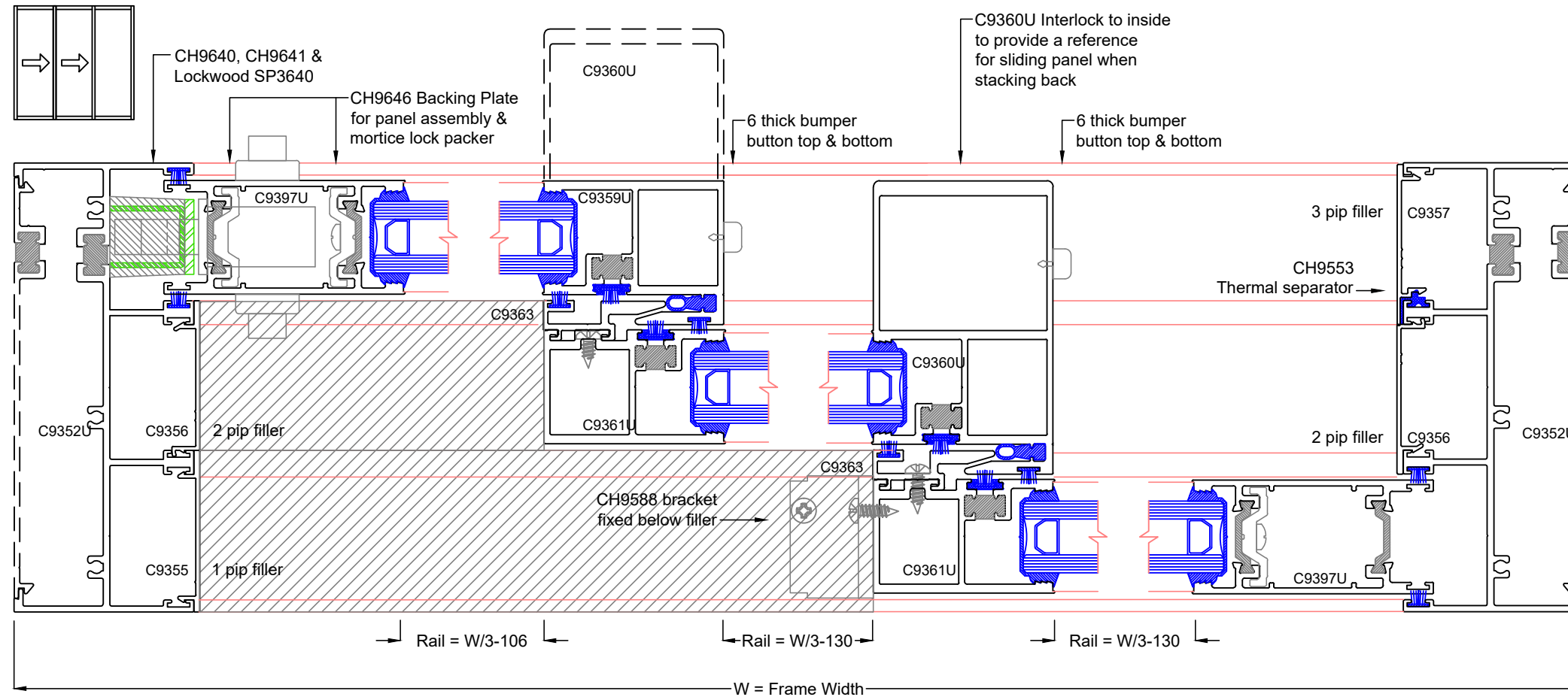


150mm XXO Sliding Door & 150 Front Glaze Framing highlight



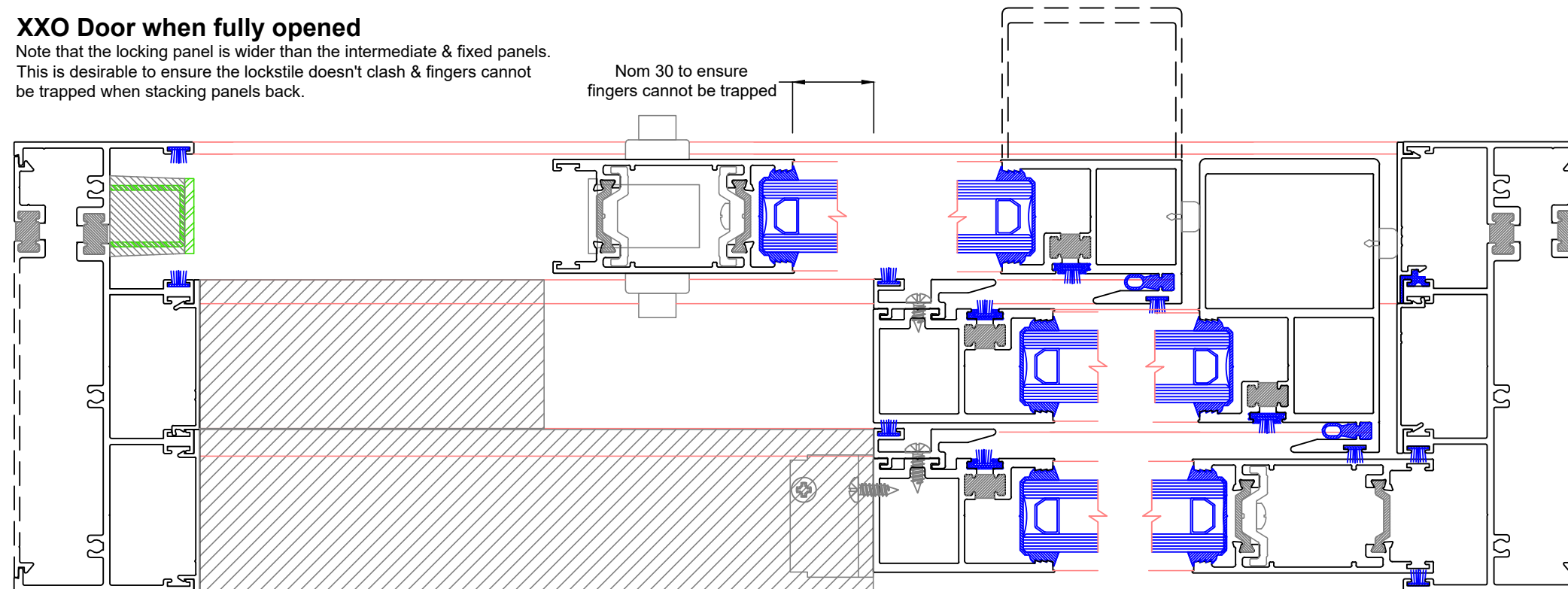
U-Max™ THERMAL BREAK SLIDING DOOR

**U-Max Doors: USLIDDOOR - 15
150mm XXO Sliding Door**



XXO Door when fully opened

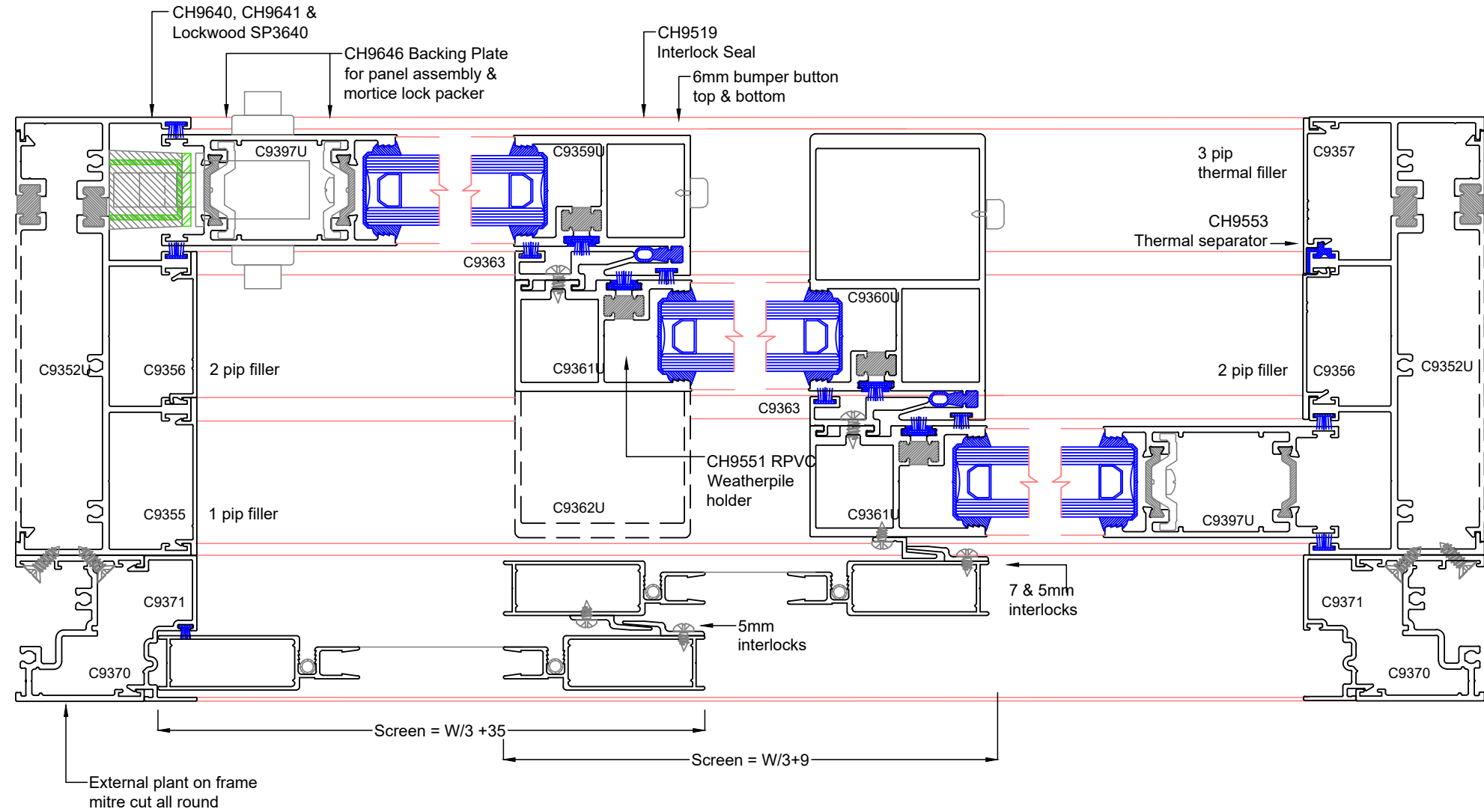
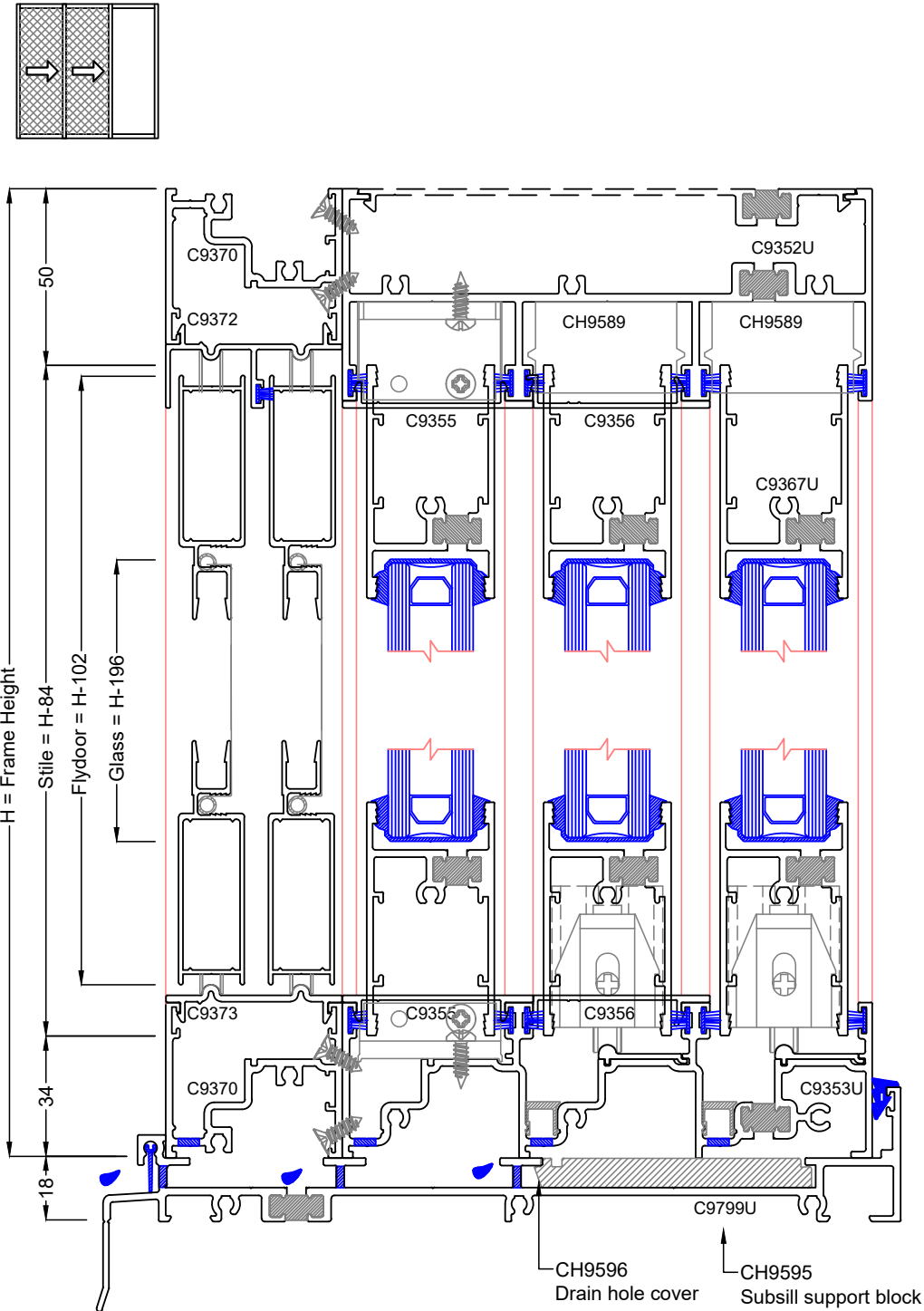
Note that the locking panel is wider than the intermediate & fixed panels. This is desirable to ensure the lockstile doesn't clash & fingers cannot be trapped when stacking panels back.



U-Max™ THERMAL BREAK SLIDING DOOR

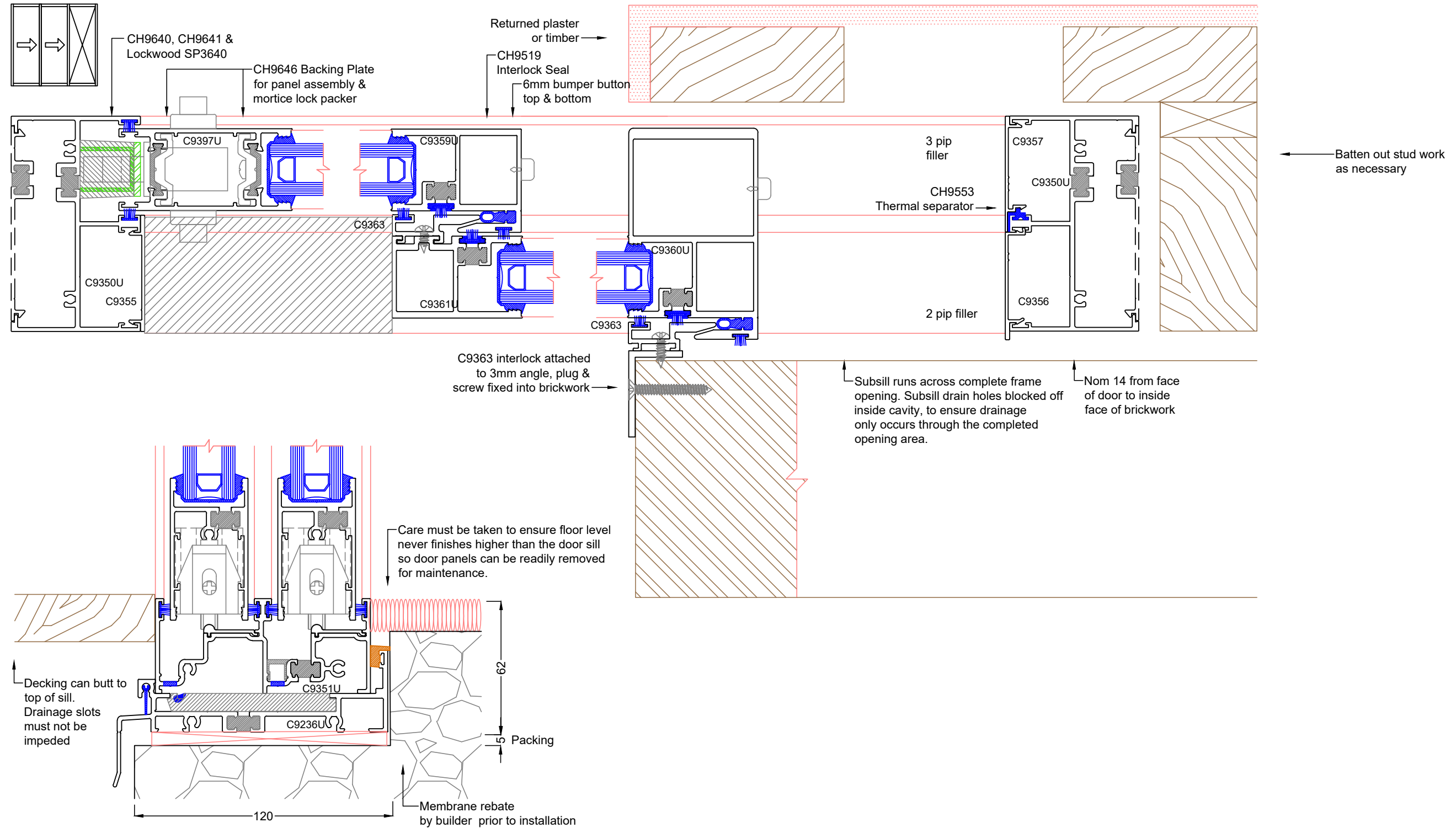
U-Max Doors: USLIDDOOR - 16

XXO Sliding Door with frame extender (200mm) & flydoors



U-Max™ THERMAL BREAK SLIDING DOOR

**U-Max Doors: USLIDDOOR - 17
100mm Cavity Sliding Door XXC**

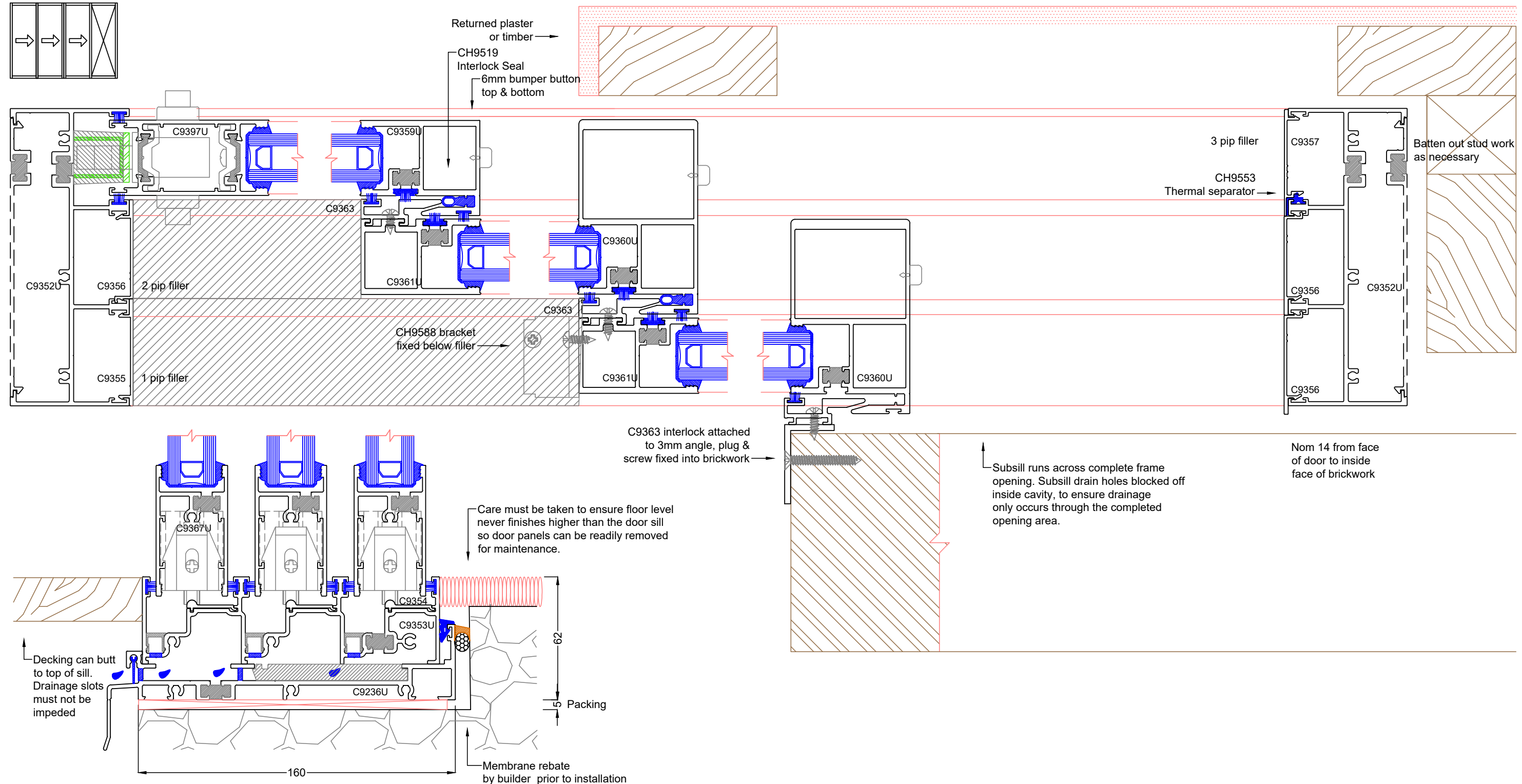


Note:
The principles of a cavity door are quite simple & can be applied to any configuration door. It is important to fit the subsill continuously across the opening (taking care to block drainage holes within the cavity area to direct water only through the opening), & brickwork completed after frame installation.

The internal wall should be framed afterwards. Take particular care to keep the inside face of brickwork clean & clear of loose mortar & debris.

U-Max™ THERMAL BREAK SLIDING DOOR

**U-Max Doors: USLIDDOOR - 18
150mm Cavity Sliding Door XXXC**

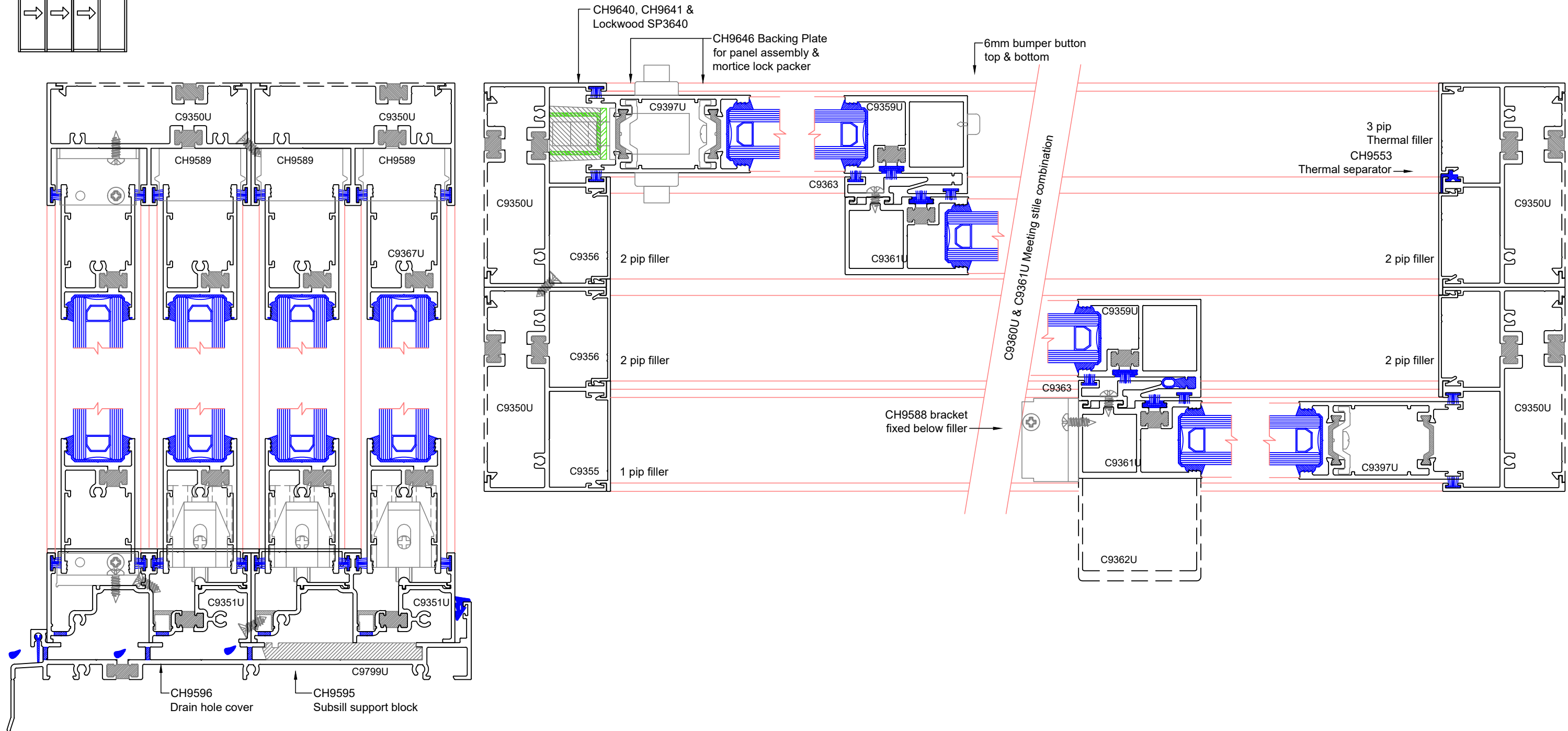
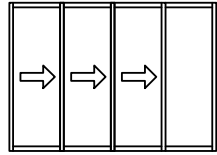


Note:
The principles of a cavity door are quite simple & can be applied to any configuration door. It is important to fit the subsill continuously across the opening (taking care to block drainage holes within the cavity area to direct water only through the opening), & brickwork completed after frame installation.

The internal wall should be framed afterwards. Take particular care to keep the inside wall of brickwork clean & clear of loose mortar & debris.

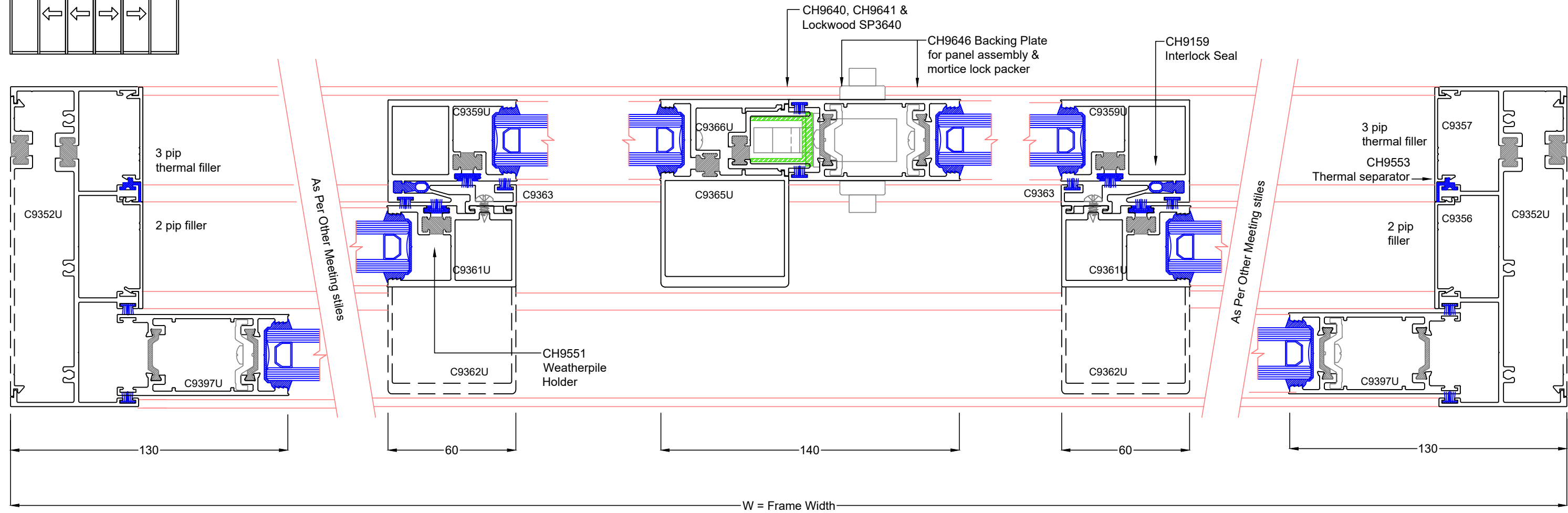
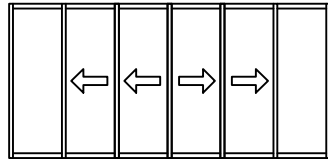
U-Max™ THERMAL BREAK SLIDING DOOR

**U-Max Doors: USLIDDOOR - 19
200mm Sliding Door 4 Track XXXO**



U-Max™ THERMAL BREAK SLIDING DOOR

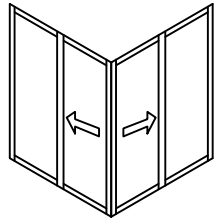
U-Max Doors: USLIDDOOR - 20
150mm OXXXXO Sliding Door



U-Max™ THERMAL BREAK SLIDING DOOR

U-Max Doors: USLIDDOOR - 21

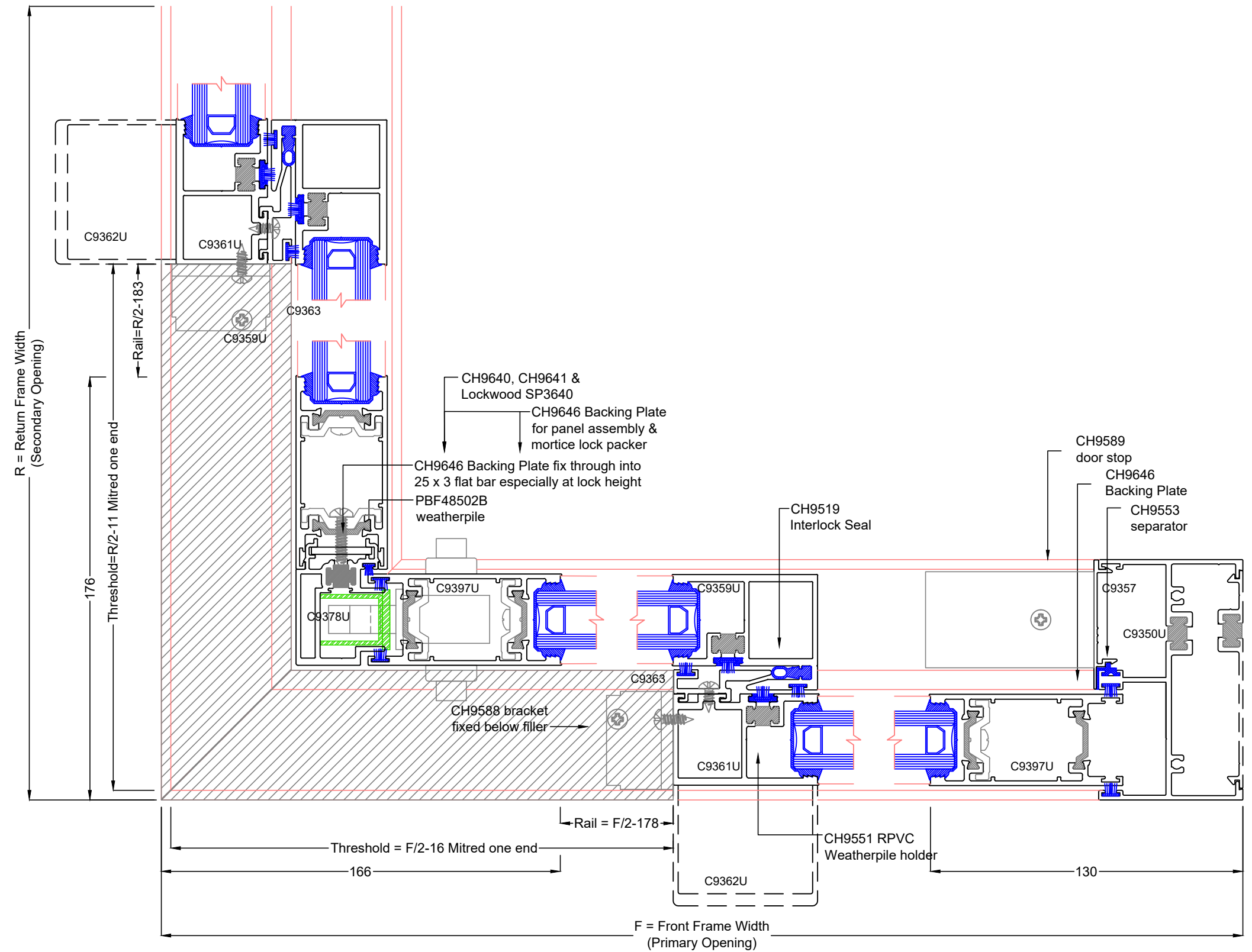
100mm Thermal Sliding Door Corner Detail



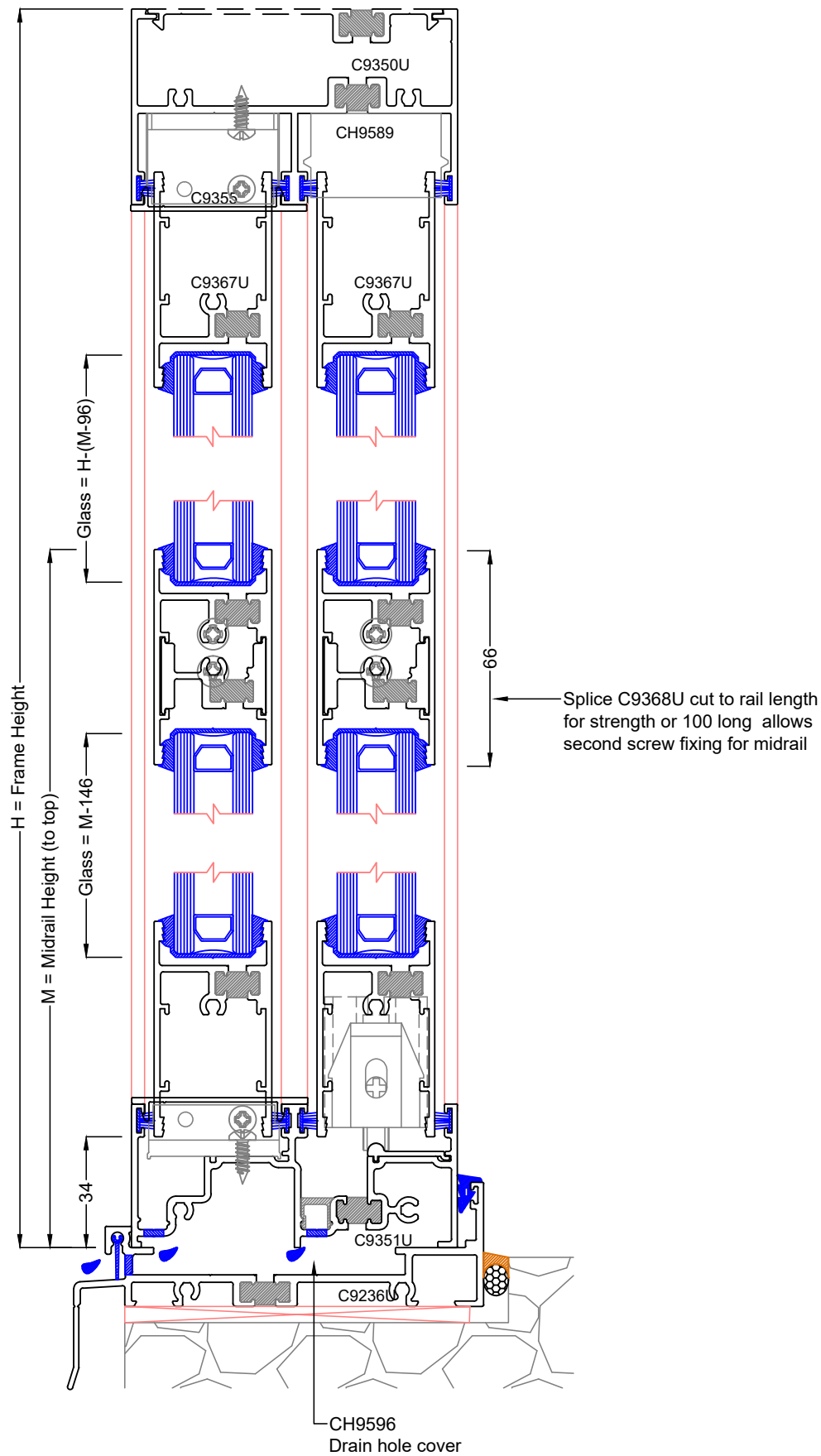
Corner Sliding Doors

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

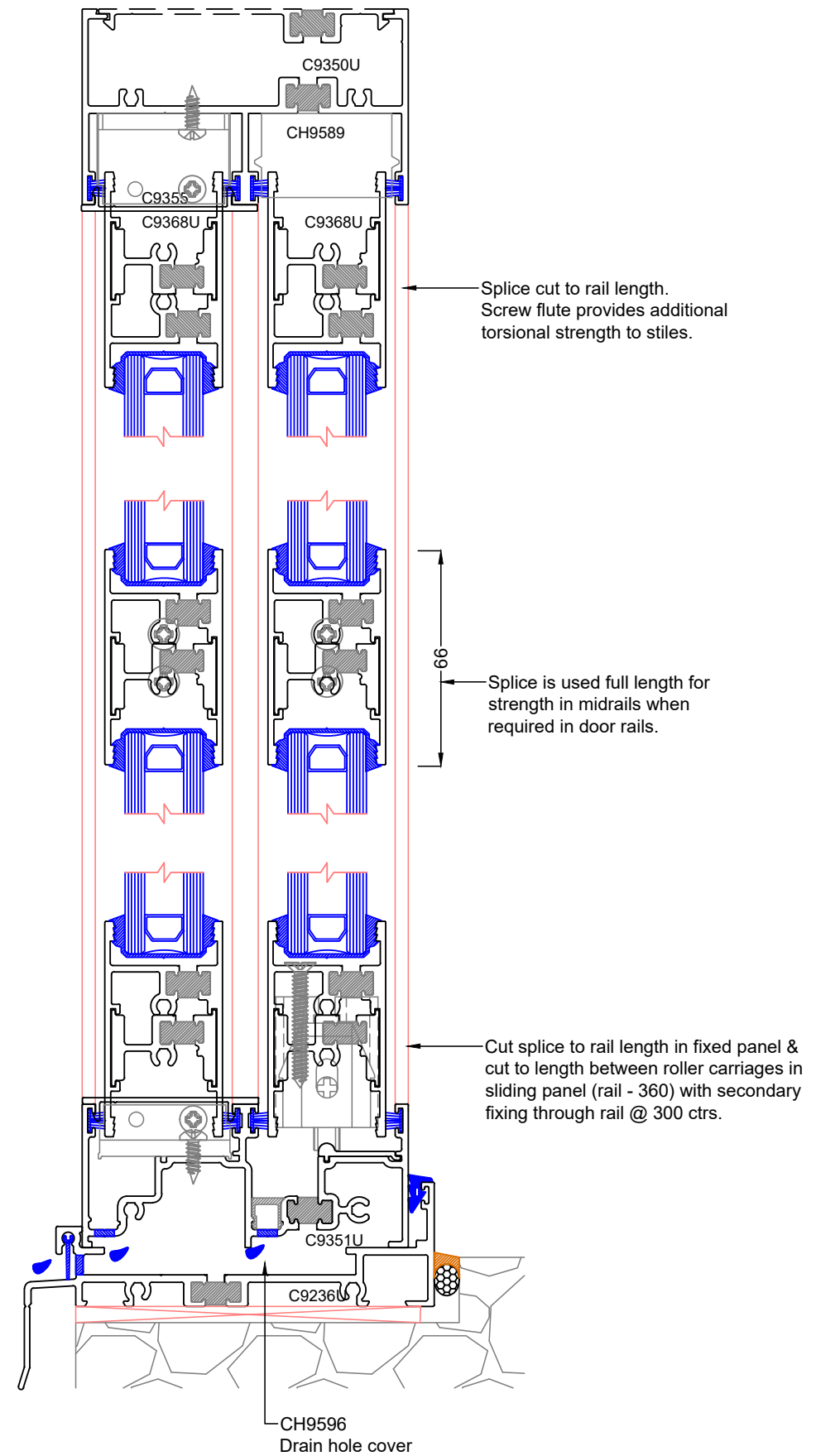
Note carefully that corner doors require careful preparation by the builder to ensure lintels & beams are sufficiently adequate to fully support the corner of the opening as aluminium products cannot be load bearing in any way.



U-Max™ THERMAL BREAK SLIDING DOOR
U-Max Doors: USLIDDOOR - 22
Sliding Door Midrail



Sliding Door Midrail & Splice details

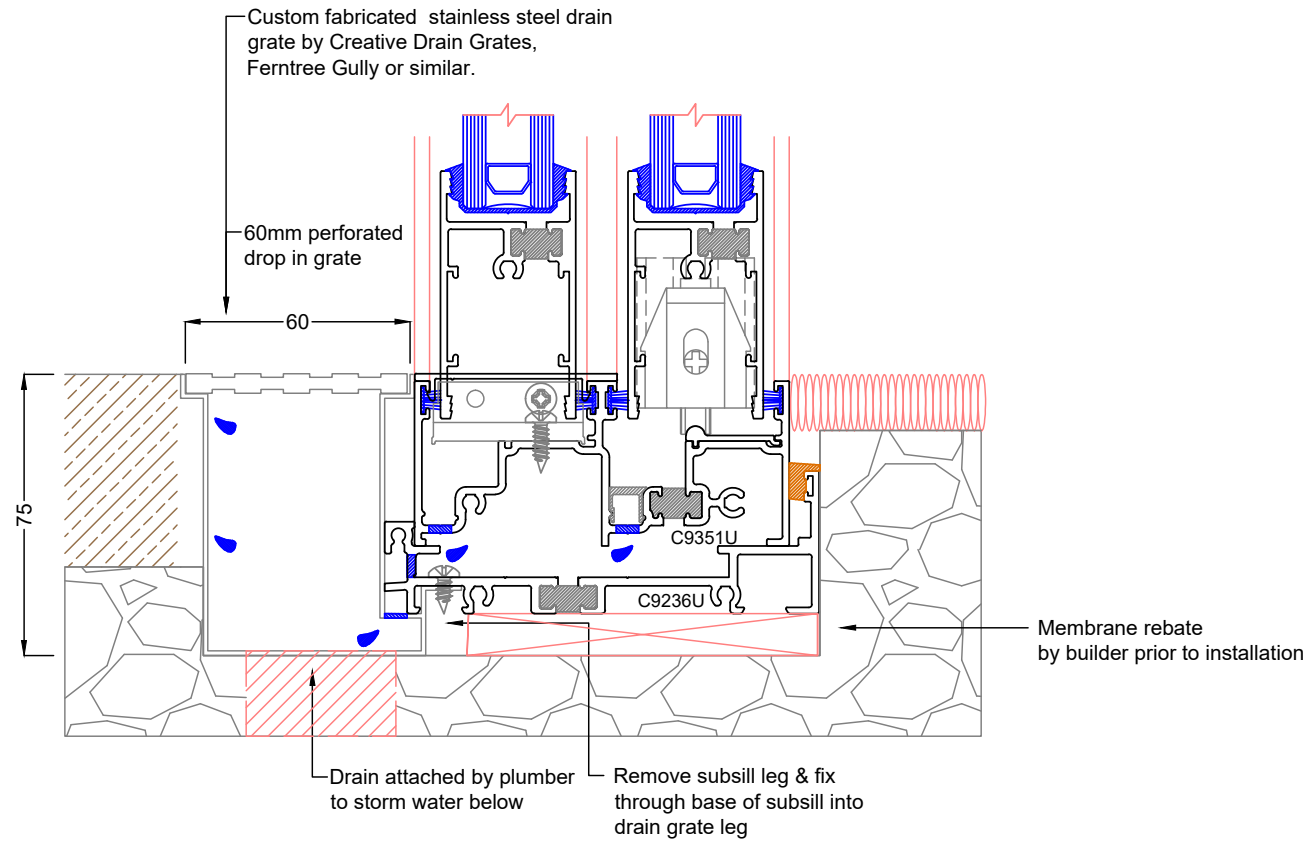


U-Max™ THERMAL BREAK SLIDING DOOR

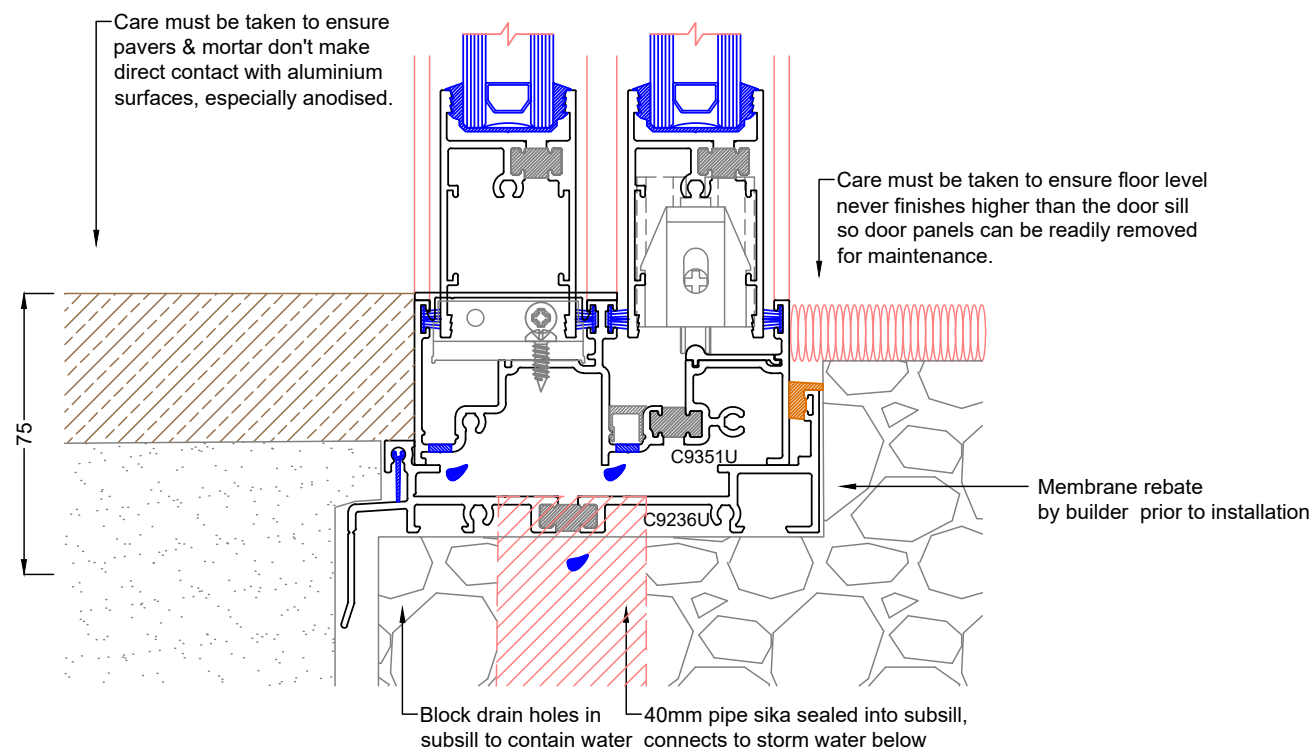
U-Max Doors: USLIDDOOR - 23

Sill build in details

Using the feature of the Thermal 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.

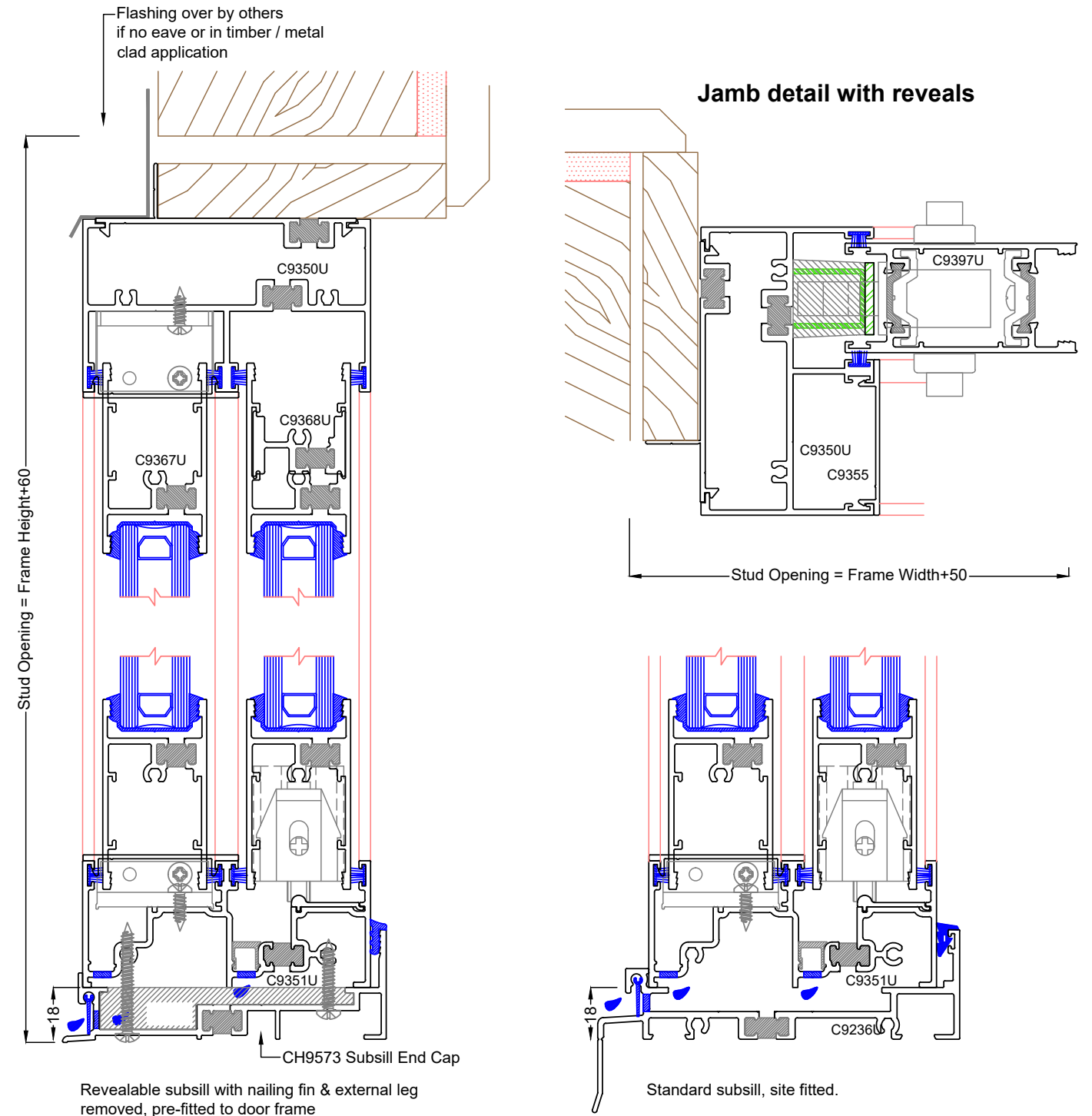


Conventional subsill attached to 40mm pipe



Doors in reveal linings

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.

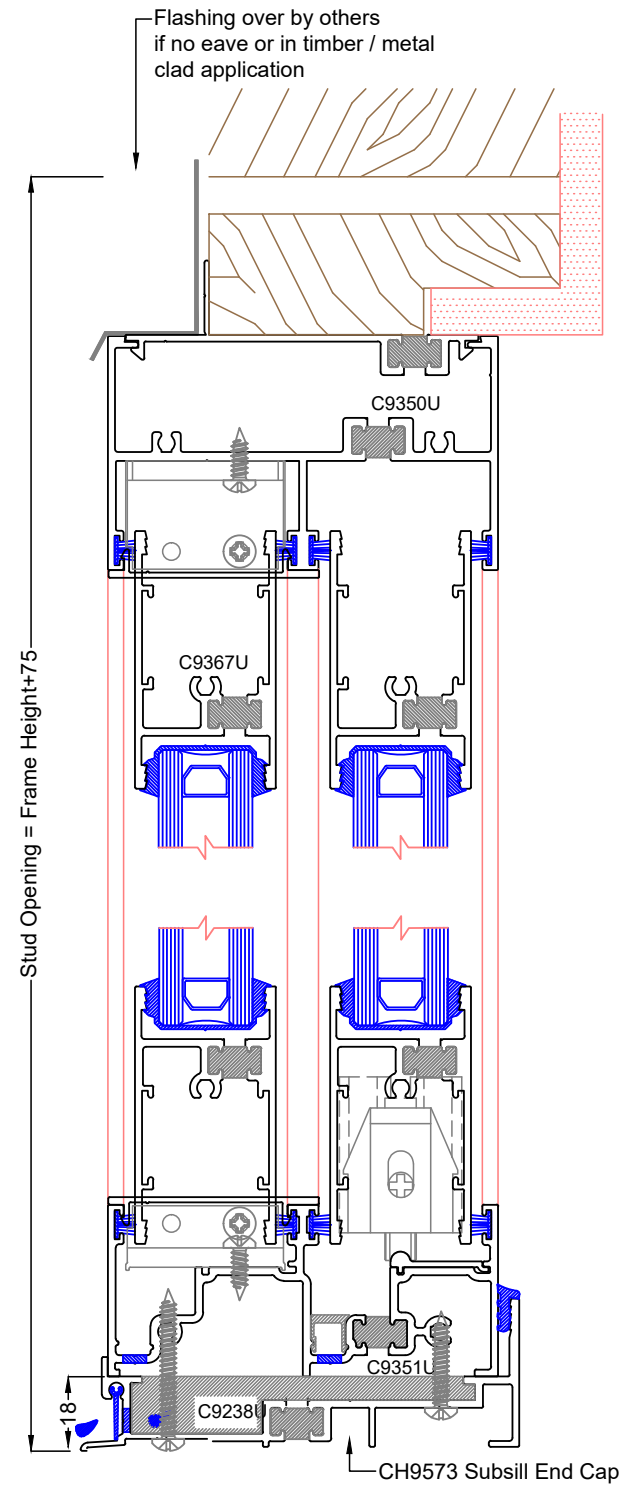


U-Max™ THERMAL BREAK SLIDING DOOR

U-Max Doors: USLIDDOOR - 24

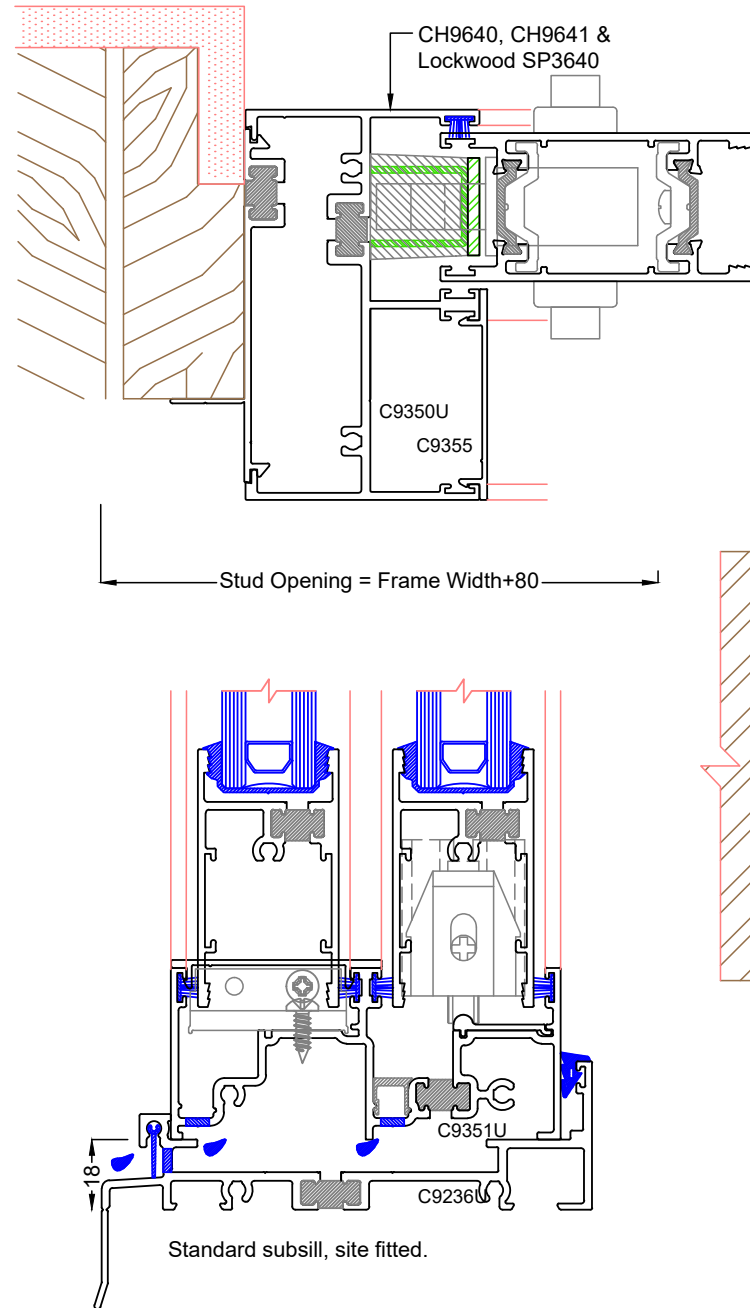
Doors in Rebated reveal linings

Rebated reveals provide a simple & easier installation into residential applications where square set plaster is required.



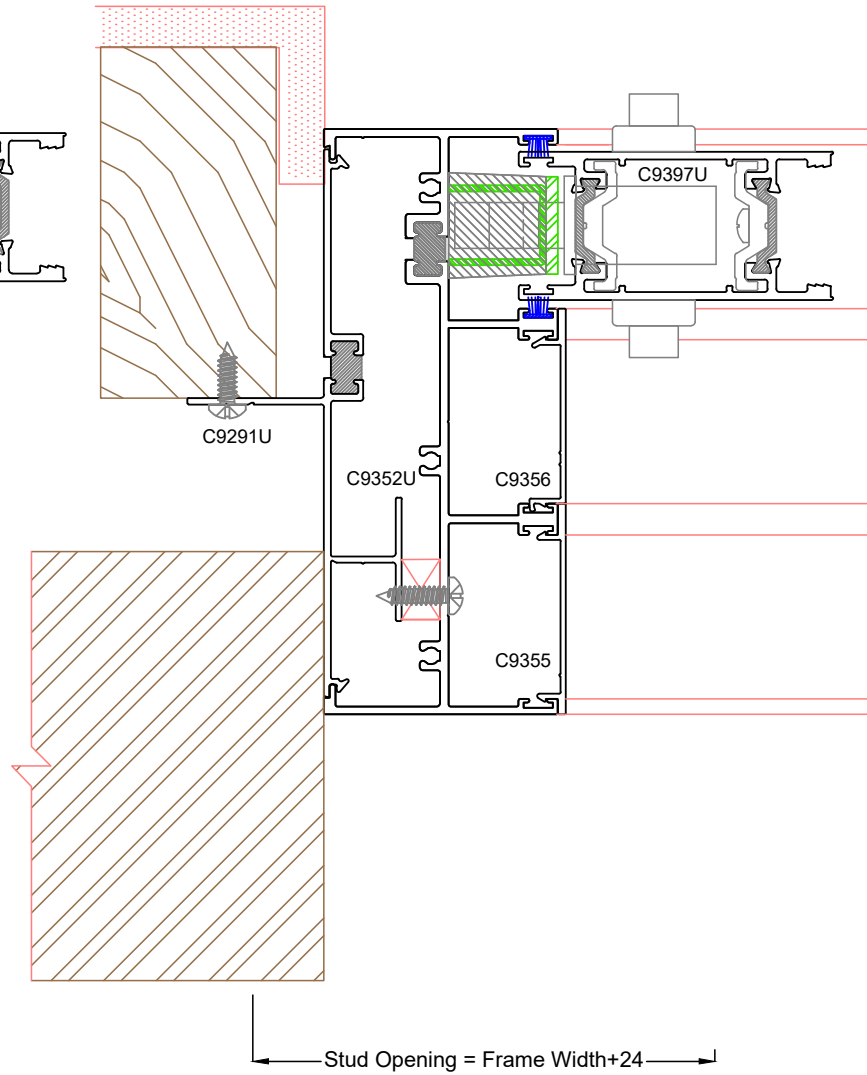
Revealable subsill with nailing fin & external leg removed. Pre-fitted to door frame

Jamb detail with rebated reveals



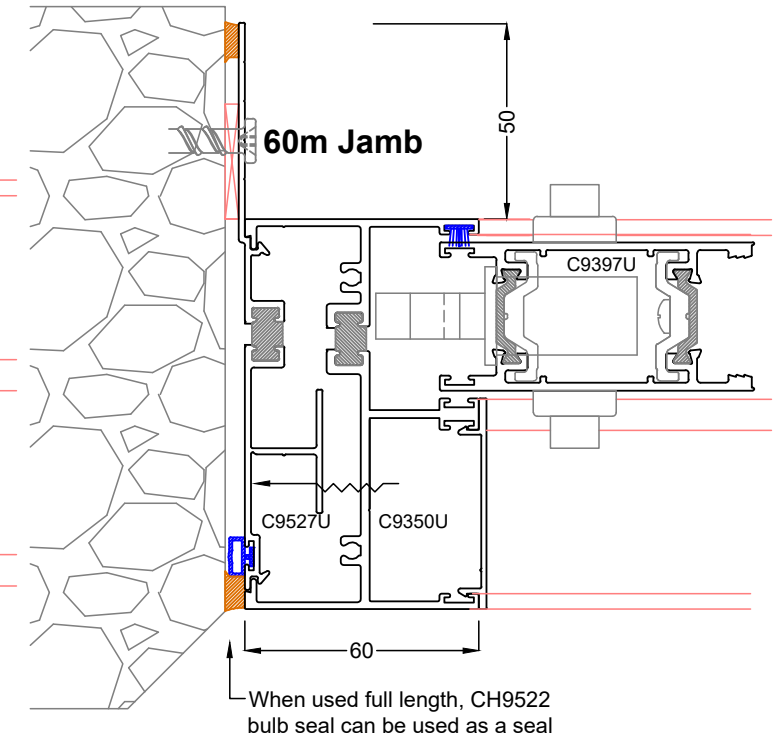
C9291U 150mm Build In Filler

Allows 150mm doors to be fixed directly to the face of stud work, especially in brick veneer applications when square set plaster is used.



C9527U 100mm Build In Bracket

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

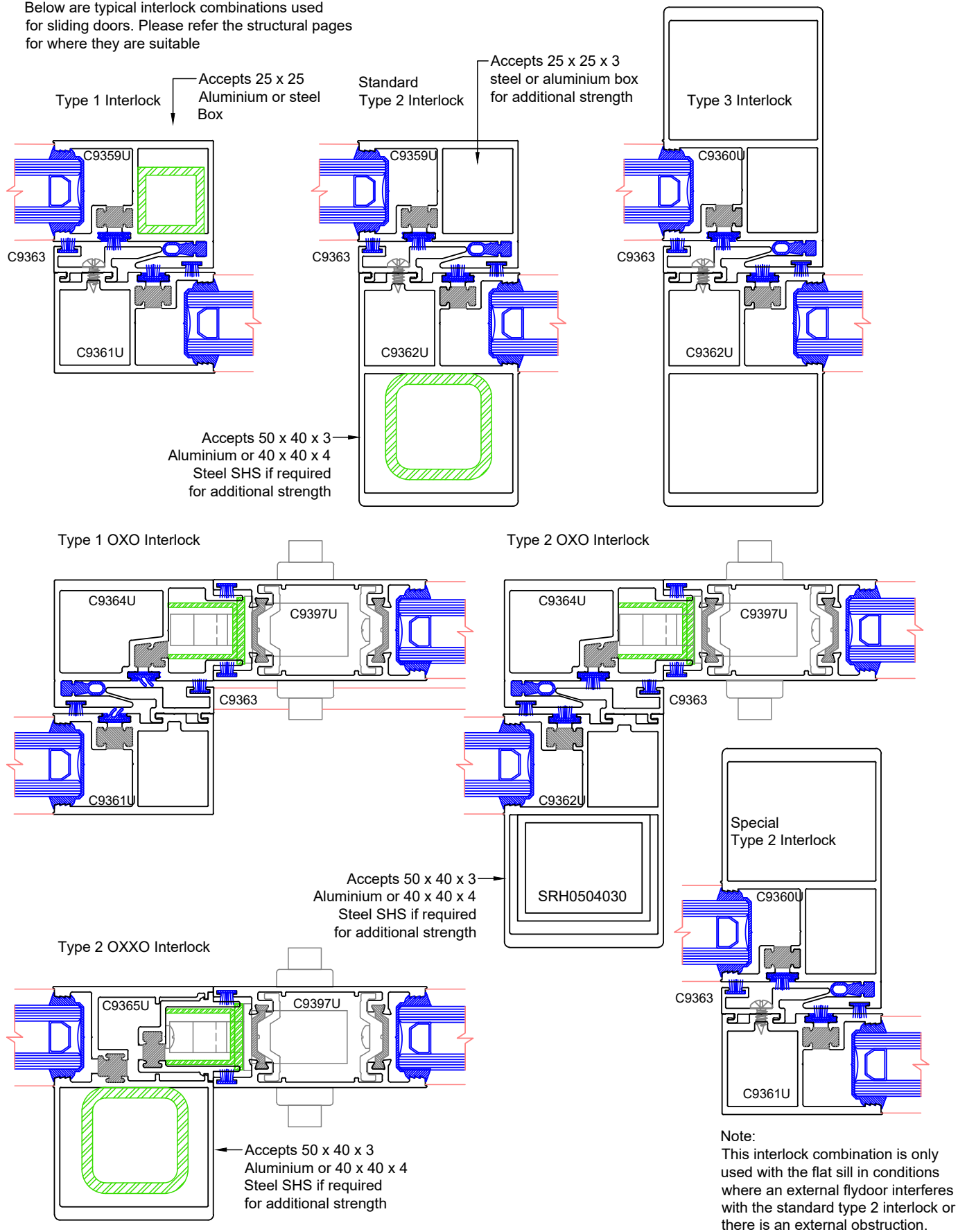


U-Max™ THERMAL BREAK SLIDING DOOR

U-Max Doors: USLIDDOOR - 25

Interlock combinations

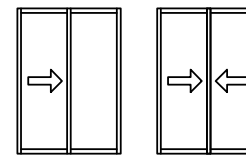
Below are typical interlock combinations used for sliding doors. Please refer the structural pages for where they are suitable



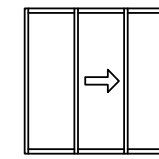
Note:
This interlock combination is only used with the flat sill in conditions where an external flydoor interferes with the standard type 2 interlock or there is an external obstruction.

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



Type XO Type XX



Type OXO

Frame Size		Interlock (span/250)		
		Type 1	Type 2	Type 3
2100 x 1800	S	922	4049	5267
	U	2835	5713	6663
2100 x 2100	S	790	3471	6514
	U	2430	4897	5711
2100 x 2400	S	691	3037	3950
	U	2126	4285	4997
2100 x 2700	S	614	2700	3511
	U	1890	3809	4442
2100 x 3000	S	-	2430	3160
	U	-	3428	3998
2400 x 1800	S	-	2426	3155
	U	-	4320	5038
2400 x 2100	S	-	2079	2704
	U	-	3703	4318
2400 x 2400	S	-	1819	2366
	U	-	3240	3779
2400 x 2700	S	-	1617	2103
	U	-	2880	3359
2400 x 3000	S	-	1455	1893
	U	-	2592	3023
2700 x 1800*	S	-	1553	2020
	U	-	3381	3943
2700 x 2100*	S	-	1331	1713
	U	-	2898	3379
2700 x 2400	S	-	1165	1515
	U	-	2536	2957
2700 x 2700	S	-	1035	1346
	U	-	2254	2628
2700 x 3000	S	-	932	1212
	U	-	2028	2366
3000 x 1800*	S	-	1047	1362
	U	-	2717	3169
3000 x 2100*	S	-	897	1167
	U	-	2329	2716
3000 x 2400	S	-	785	1021
	U	-	2038	2377
3000 x 2700	S	-	698	908
	U	-	1812	2113
3000 x 3000	S	-	628	817
	U	-	1630	1901

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	1350	4478	5698
	U	4088	6318	7209
2100 x 3000	S	1215	4030	5128
	U	3680	5686	6488
2100 x 3600	S	1013	3359	4274
	U	3066	4739	5406
2100 x 4100	S	889	2949	3752
	U	2692	4161	4747
2100 x 4500	S	810	2687	3419
	U	2453	3791	4325
2400 x 2700	S	809	2682	3413
	U	3091	4778	5451
2400 x 3000	S	728	2414	3072
	U	2782	4300	4906
2400 x 3600	S	607	2012	2560
	U	2319	3583	4088
2400 x 4100	S	-	1766	2248
	U	-	3146	3589
2400 x 4500	S	-	1609	2048
	U	-	2867	3270
2700 x 2700*	S	-	1717	2185
	U	-	3739	4265
2700 x 3000*	S	-	1546	1967
	U	-	3365	3839
2700 x 3600	S	-	1288	1639
	U	-	2804	3199
2700 x 4100	S	-	1131	1439
	U	-	2462	2809
2700 x 4500	S	-	1030	1311
	U	-	2243	2559
3000 x 2700*	S	-	1158	1473
	U	-	3005	3429
3000 x 3000	S	-	1042	1326
	U	-	2705	3086
3000 x 3600	S	-	868	1105
	U	-	2254	2571
3000 x 4100	S	-	762	970
	U	-	1979	2258
3000 x 4500	S	-	695	884
	U	-	1803	2057

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

U-Max™ THERMAL BREAK SLIDING DOOR

U-Max Doors: USLIDDOOR - 26

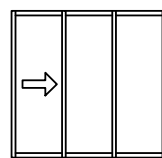
Sliding Door Structural Tables (Span/250 Deflection)

- 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

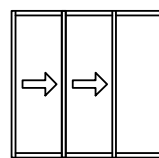
Serviceability figures have been calculated from Ultimate (worst condition)

to provide a conservative & consistent reference.

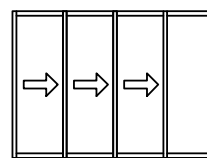
Ratings have been calculated on the weakest interlock combination for each configuration - refer Interlocks page.



Type XOO



Type XXO



Type XXXO

Frame Size		Interlock (span/250)		
		Type 1	Type 2	Type 3
2100 x 2700	S	922	4049	5267
	U	2835	5713	6663
2100 x 3000	S	790	3471	6514
	U	2430	4897	5711
2100 x 3600	S	691	3037	3950
	U	2126	4285	4997
2100 x 4100	S	614	2700	3511
	U	1890	3809	4442
2100 x 4500	S	-	2430	3160
	U	-	3428	3998
2400 x 2700	S	-	2426	3155
	U	-	4320	5038
2400 x 3000	S	-	2079	2704
	U	-	3703	4318
2400 x 3600	S	-	1819	2366
	U	-	3240	3779
2400 x 4100	S	-	1617	2103
	U	-	2880	3359
2400 x 4500	S	-	1455	1893
	U	-	2592	3023
2700 x 2700*	S	-	1553	2020
	U	-	3381	3943
2700 x 3000*	S	-	1331	1713
	U	-	2898	3379
2700 x 3600	S	-	1165	1515
	U	-	2536	2957
2700 x 4100	S	-	1035	1346
	U	-	2254	2628
2700 x 4500	S	-	932	1212
	U	-	2028	2366
3000 x 2700*	S	-	1047	1362
	U	-	2717	3169
3000 x 3000*	S	-	897	1167
	U	-	2329	2716
3000 x 3600	S	-	785	1021
	U	-	2038	2377
3000 x 4100	S	-	698	908
	U	-	1812	2113
3000 x 4500	S	-	628	817
	U	-	1630	1901

Frame Size		Interlock (span/250)
		Type 2
2100 x 2700	S	4049
	U	5713
2100 x 3000	S	3645
	U	5142
2100 x 3600	S	3037
	U	4285
2100 x 4100	S	2667
	U	3762
2100 x 4500	S	2430
	U	3428
2400 x 2700	S	2426
	U	4320
2400 x 3000	S	2183
	U	3888
2400 x 3600	S	1819
	U	3240
2400 x 4100	S	1597
	U	2845
2400 x 4500	S	1455
	U	2592
2700 x 2700*	S	1553
	U	3381
2700 x 3000*	S	1398
	U	3043
2700 x 3600	S	1165
	U	2536
2700 x 4100	S	1023
	U	2226
2700 x 4500	S	932
	U	2028
3000 x 2700*	S	1047
	U	2717
3000 x 3000*	S	942
	U	2446
3000 x 3600	S	785
	U	2038
3000 x 4100	S	689
	U	1790
3000 x 4500	S	628
	U	1630

Note:

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

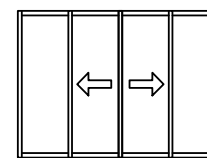
Sliding Door Structural Tables (Span/250 Deflection)

- 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

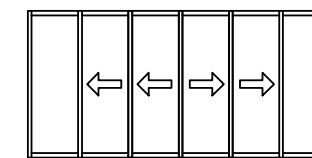
Serviceability figures have been calculated from Ultimate (worst condition)

to provide a conservative & consistent reference.

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



Type OXXO



Type OXXXO

Frame Size		Interlock (span/250)	
		Type 2	Type 4
2100 x 3600	S	3242	8743
	U	5030	9923
2100 x 4200	S	2779	7494
	U	4312	8506
2100 x 4800	S	3432	6558
	U	3773	7443
2100 x 5400	S	2161	5829
	U	3354	6616
2100 x 6000	S	1945	5246
	U	3018	5954
2400 x 3600	S	1942	5237
	U	3804	7504
2400 x 4200	S	1665	4489
	U	3260	6432
2100 x 4800	S	1456	3928
	U	2853	5628
2400 x 5400	S	1295	3491
	U	2536	5002
2400 x 6000	S	1165	3142
	U	2282	4502
2700 x 3600	S	1143	3353
	U	2977	5872
2700 x 4200	S	1066	2874
	U	2551	5033
2700 x 4800	S	932	2515
	U	2232	4404
2700 x 5400	S	829	2235
	U	1984	3915
2700 x 6000	S	746	2012
	U	1786	3523
3000 x 3600	S	838	2260
	U	2393	4720
3000 x 4200	S	718	1938
	U	2051	4046
3000 x 4800	S	629	1695
	U	1794	3540
3000 x 5400	S	-	1507
	U	-	3147
3000 x 6000	S	-	1356
	U	-	2832

Note:

- (1) * Indicates panel exceeds 2.5 height/width ratio - Not recommended
- (2) Type 2 Interlock combination is maximum for OXXO, OXXXO configurations

Frame Size		Interlock (span/250)
		Type 2
2100 x 5400	S	4049
	U	5713
2100 x 6300	S	3471
	U	4897
2100 x 7200	S	3037
	U	4285
2100 x 8100	S	2700
	U	3809
2100 x 9000	S	2430
	U	3428
2400 x 5400	S	2426
	U	4320
2400 x 6300	S	2079
	U	3703
2400 x 7200	S	1819
	U	3240
2400 x 8100	S	1617
	U	2880
2400 x 9000	S	1455
	U	2592
2700 x 5400	S	1553
	U	3381
2700 x 6300	S	1331
	U	2898
2700 x 7200	S	1165
	U	2536
2700 x 8100	S	1035
	U	2254
2700 x 9000	S	932
	U	2028
3000 x 5400	S	1047
	U	2717
3000 x 6300	S	897
	U	2329
3000 x 7200	S	785
	U	2038
3000 x 8100	S	698
	U	1812
3000 x 9000	S	628
	U	1630

U-Max™ THERMAL BREAK SLIDING DOOR

U-Max Doors: USLIDDOOR - 27

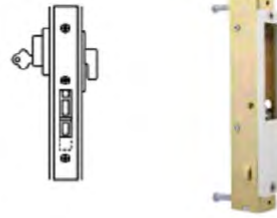
Lockwood Mortice Lock assembly details (phasing out)

Note: Door Stile C9583U & RPVC insert CH9553 are being phased out & have been drawn out of this catalogue.

This detail depicts the Lockwood 3541 (with 28mm throw) using a faceplate to suit a timber door.

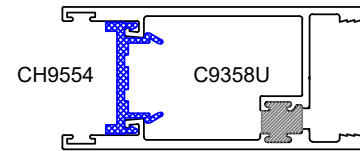
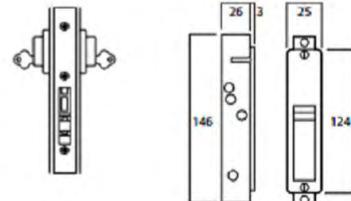
Cylinder and Turnknob

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

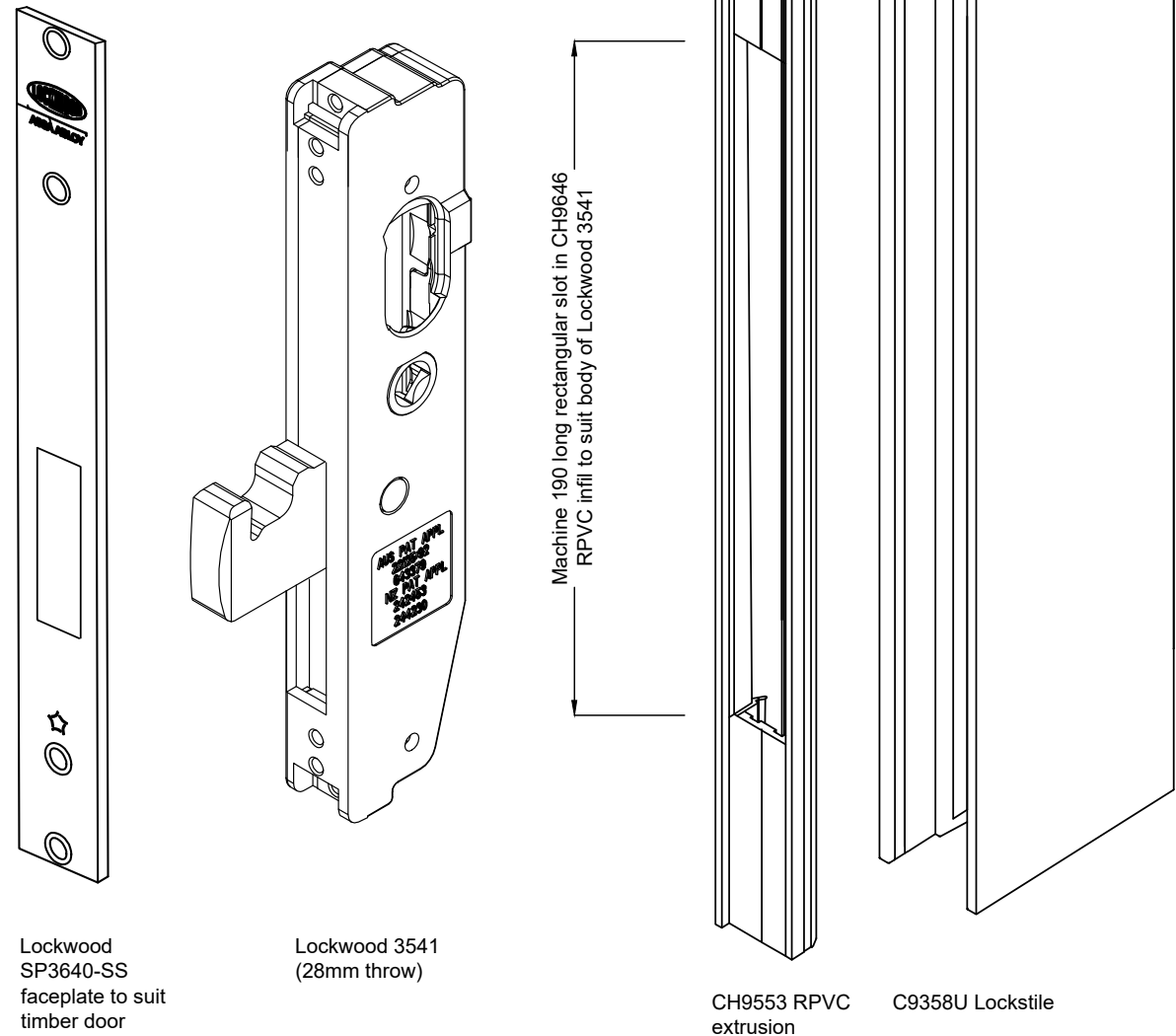


Double Cylinder

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



SP3640-SS Lock Strike



Lockwood SP3640-SS faceplate to suit timber door

Lockwood 3541 (28mm throw)

CH9553 RPVC extrusion

C9358U Lockstile

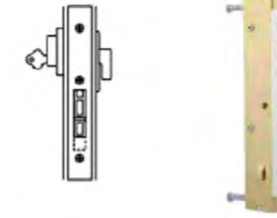
Lockwood Mortice Lock assembly details (New)

This detail depicts the Lockwood 3541 (with 28mm throw) using a faceplate to suit a timber door.

Use CH9646 backing plate to fix into behind mortice lock.

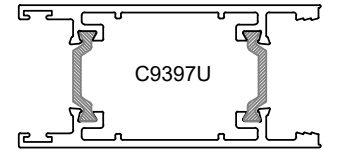
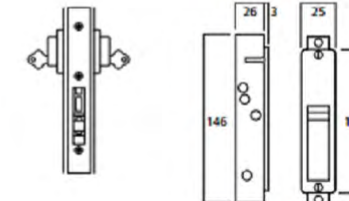
Cylinder and Turnknob

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

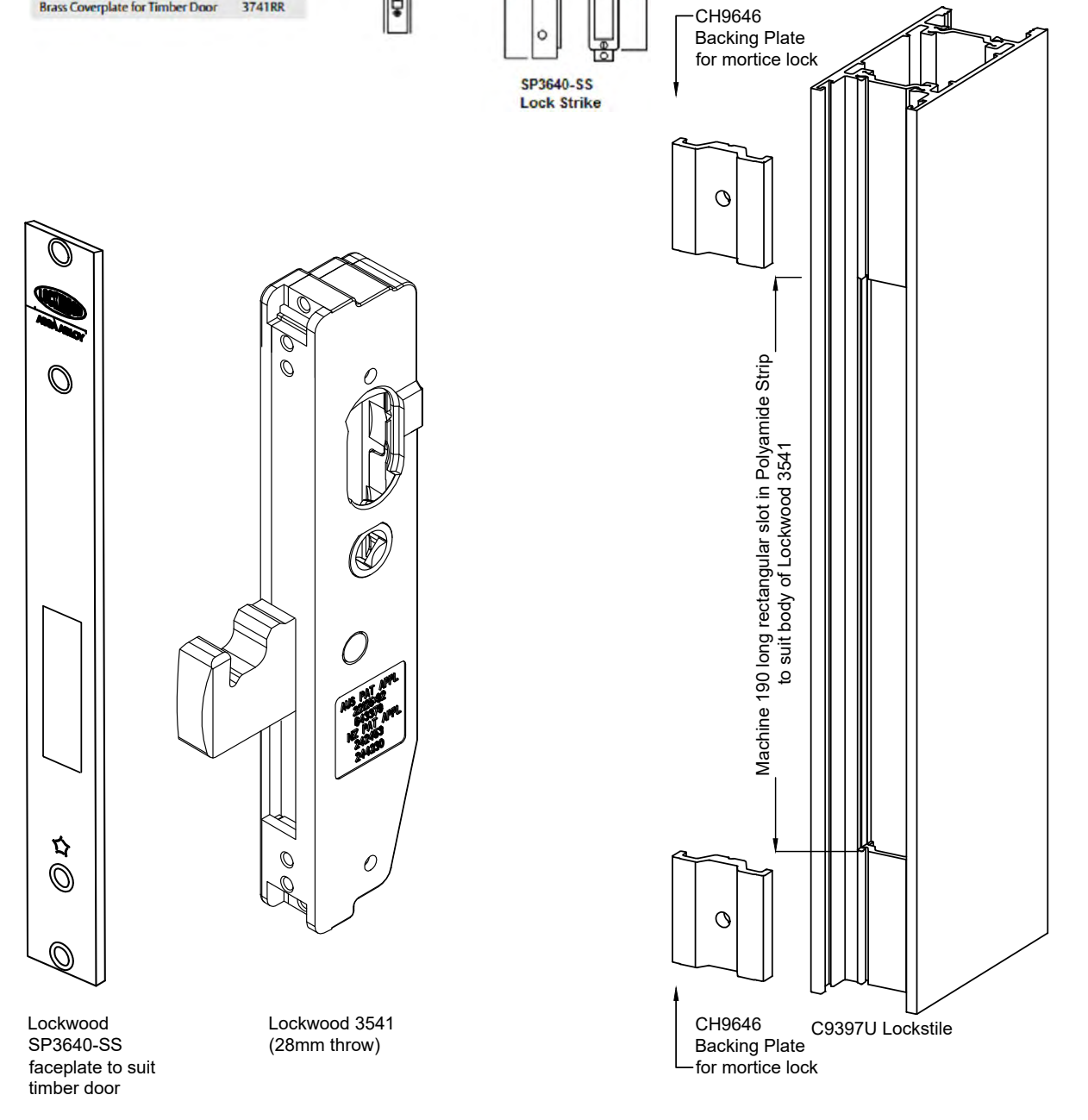


Double Cylinder

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



SP3640-SS Lock Strike



Lockwood SP3640-SS faceplate to suit timber door

Lockwood 3541 (28mm throw)

CH9646 Backing Plate for mortice lock

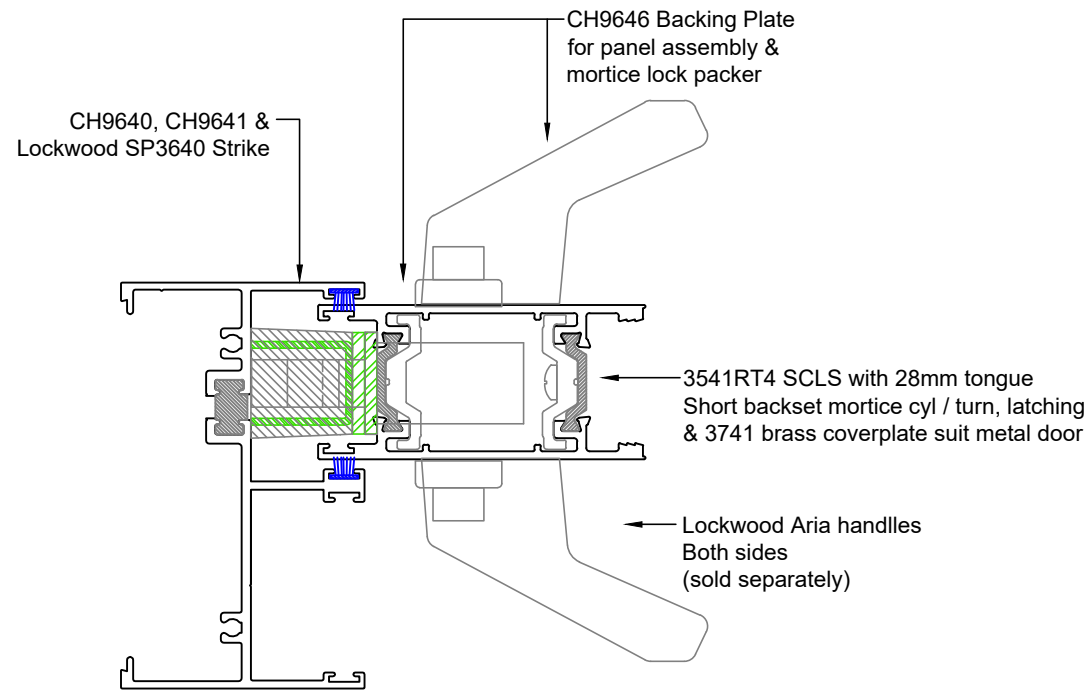
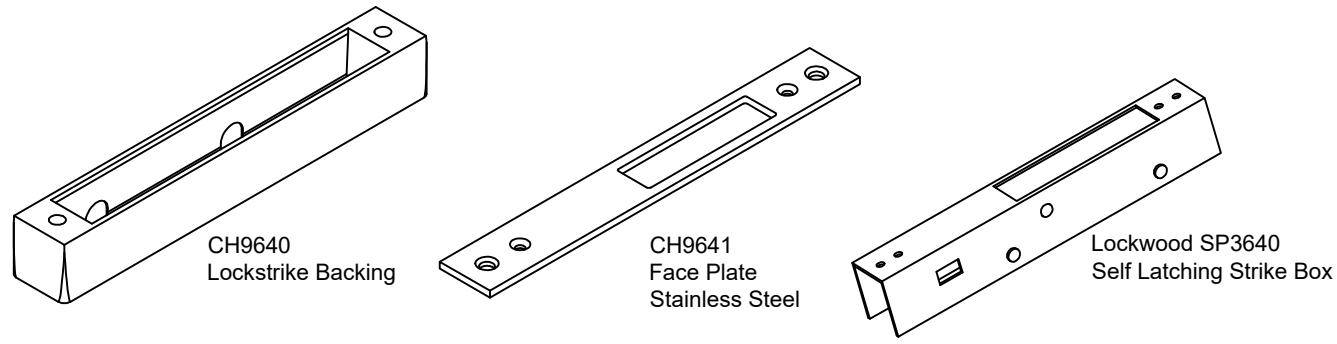
C9397U Lockstile

U-Max™ THERMAL BREAK SLIDING DOOR

U-Max Doors: USLIDDOOR - 28

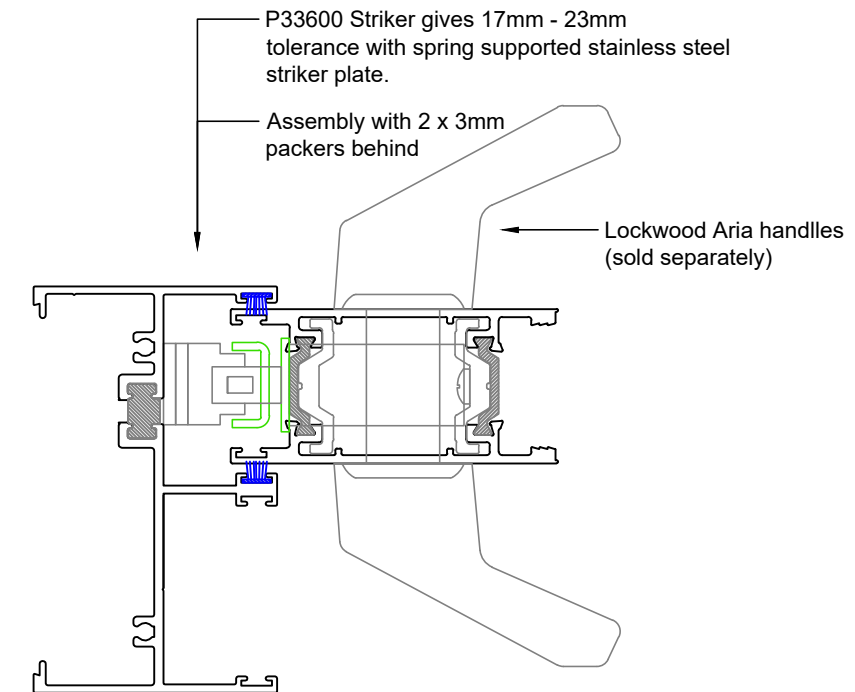
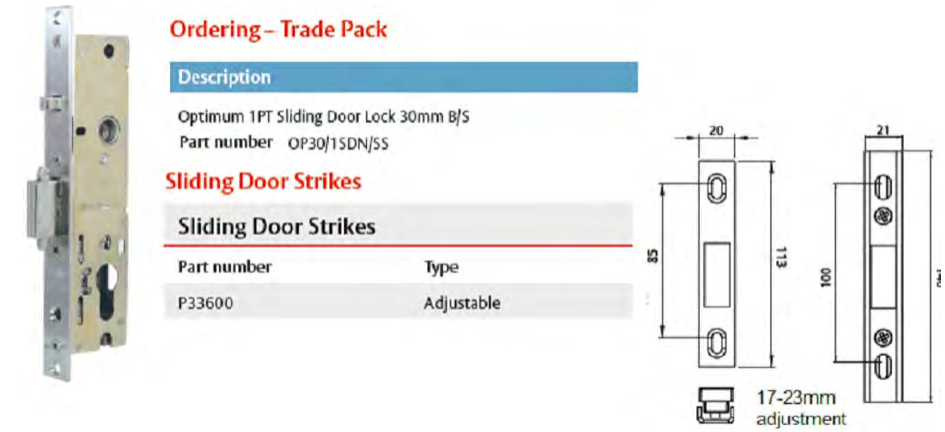
Lockwood Mortice Lock & Jamb assembly details

This detail depicts the Lockwood 3541 (with 28mm throw) using a faceplate to suit a timber door. Using CH9640, CH9641 & Lockwood SP3640 striker



Lockwood Euro Optimum Mortice Lock assembly details

This detail depicts the Lockwood Optimum 30mm Backset. Its square faceplate perfectly suits the thermal break stile. Note that the body of the lock interferes by 5mm with the thermal break on the stile which necessitates the back that area to be routed out to accommodate the lock.

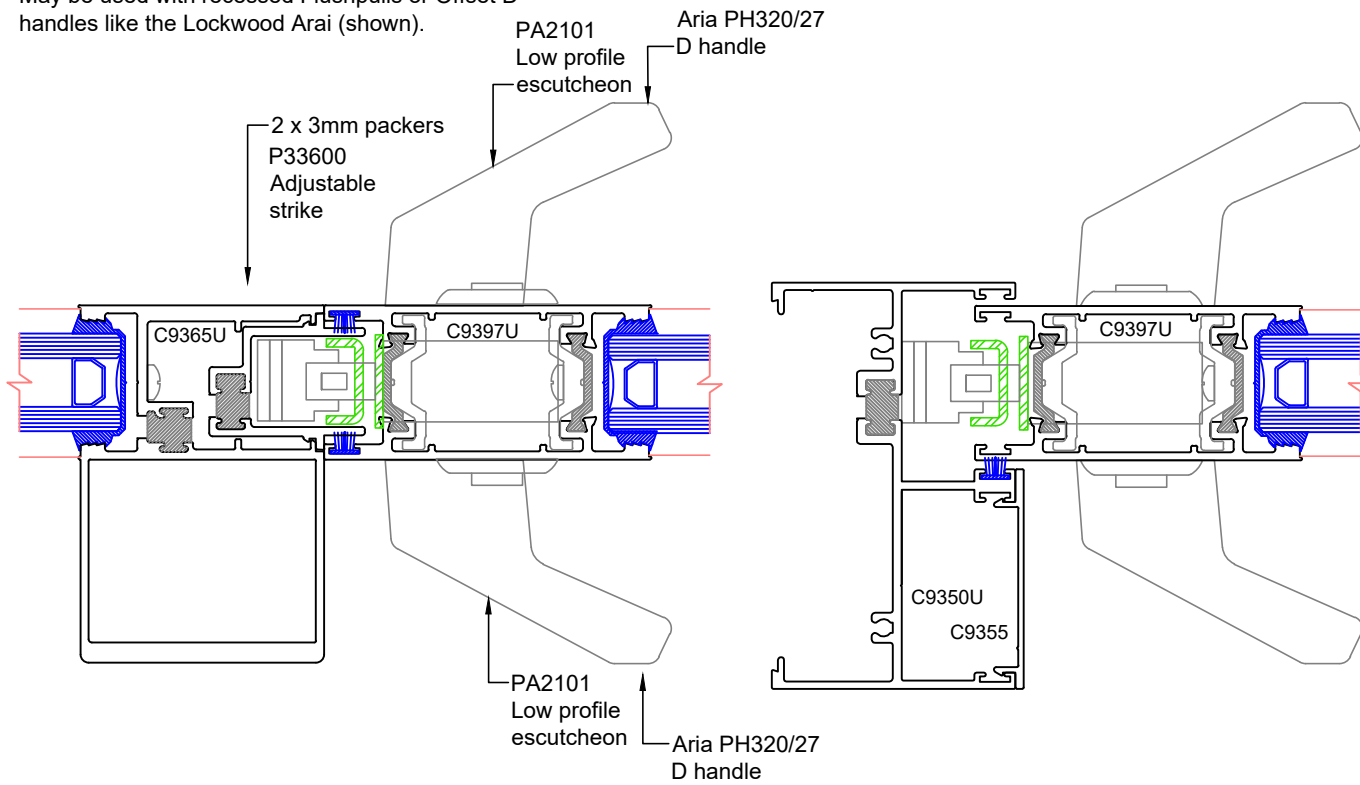


U-Max™ THERMAL BREAK SLIDING DOOR

U-Max Doors: USLIDDOOR - 29

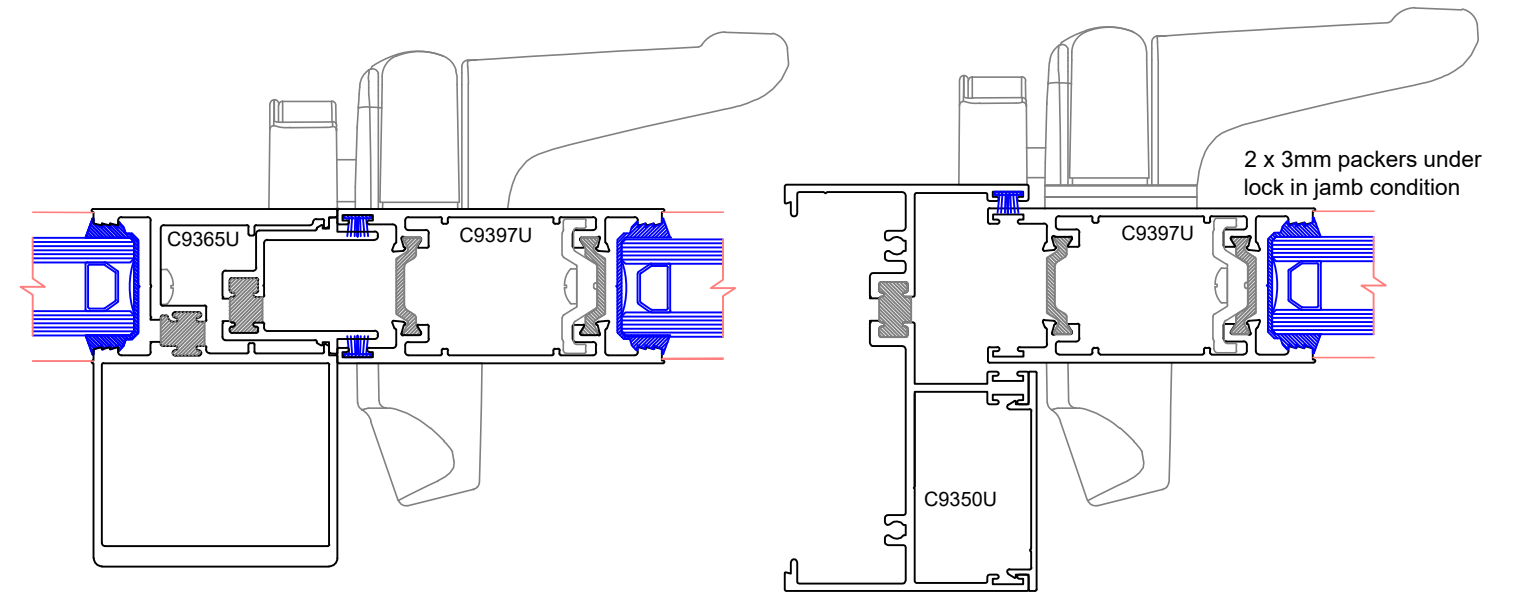
Lock Options

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



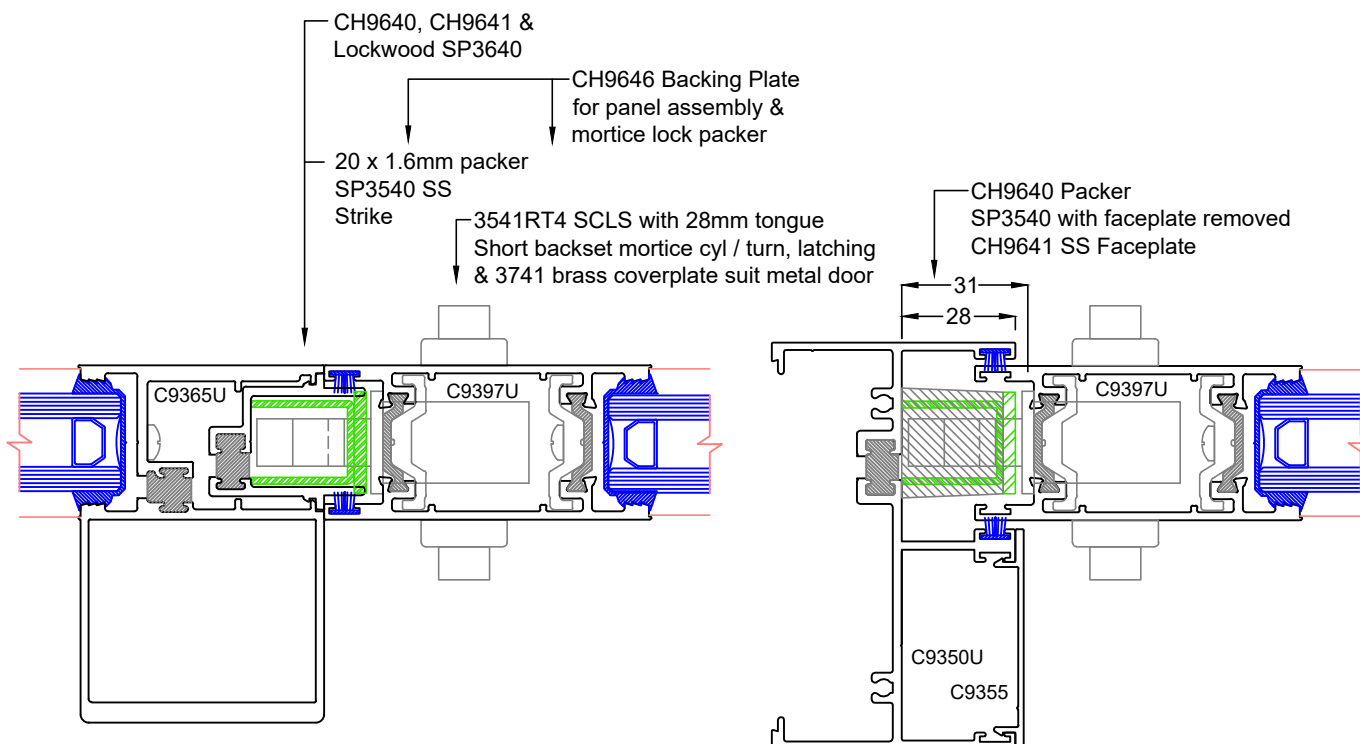
Lock Options

Doric or similar Face Mounted Lock

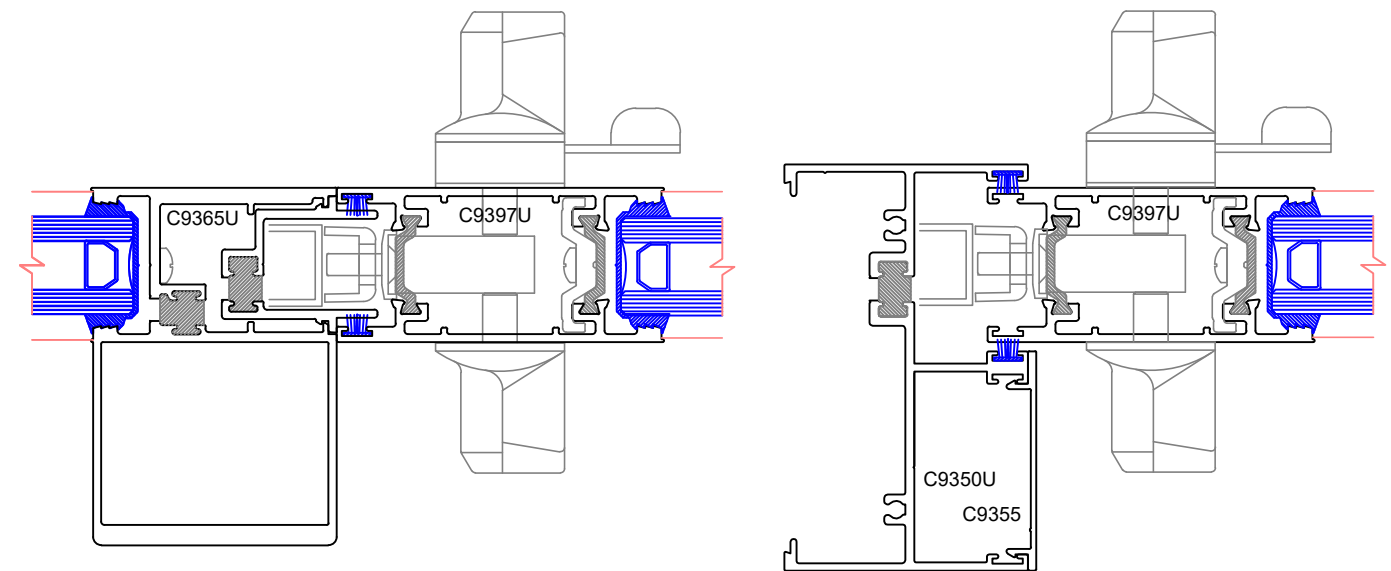


Lockwood 3541 Lock Mortice Lock

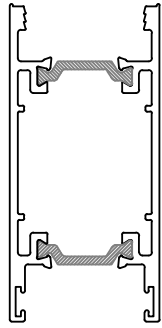
May be used with recessed Flushpulls or Offset D handles like the Lockwood Arai (shown)



Albany Mortice Lock

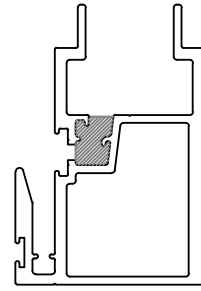


U-Max™ THERMAL BREAK SLIDING DOOR
U-Max Doors: USLIDDOOR - 30
Lock & Fixed Stile



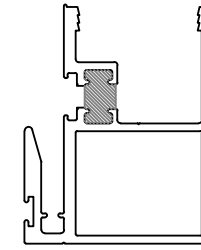
C9397U
Lockstile 80mm

OXO Stile

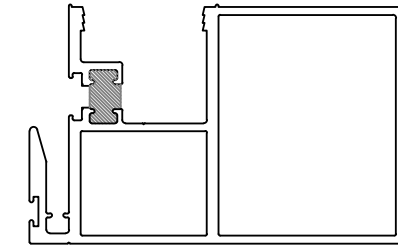


C9364U
OXO Adaptor

Sliding Interlocks

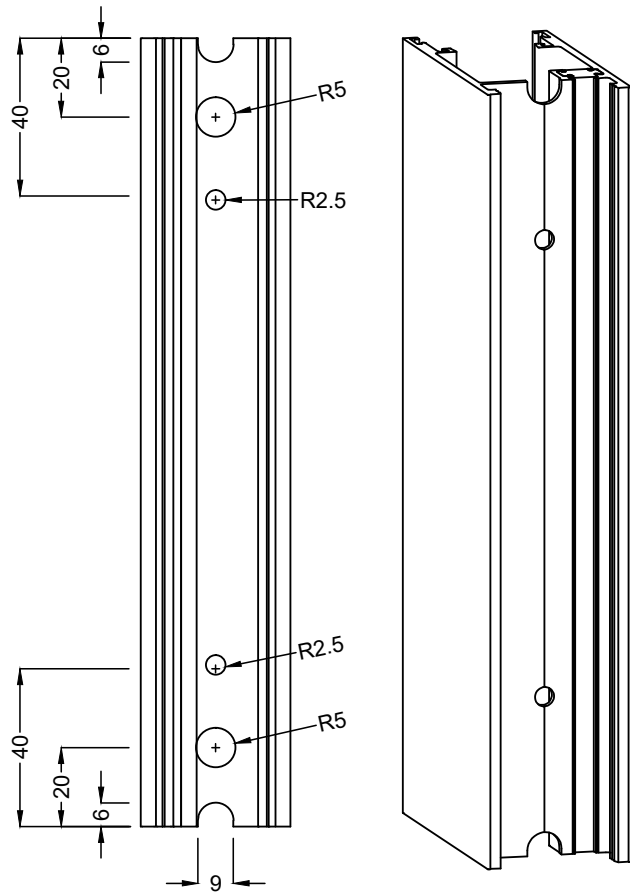


C9359U
Interlock Stile

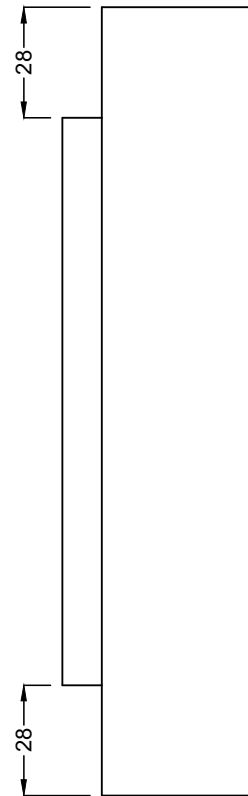


C9360U
HD Interlock Stile

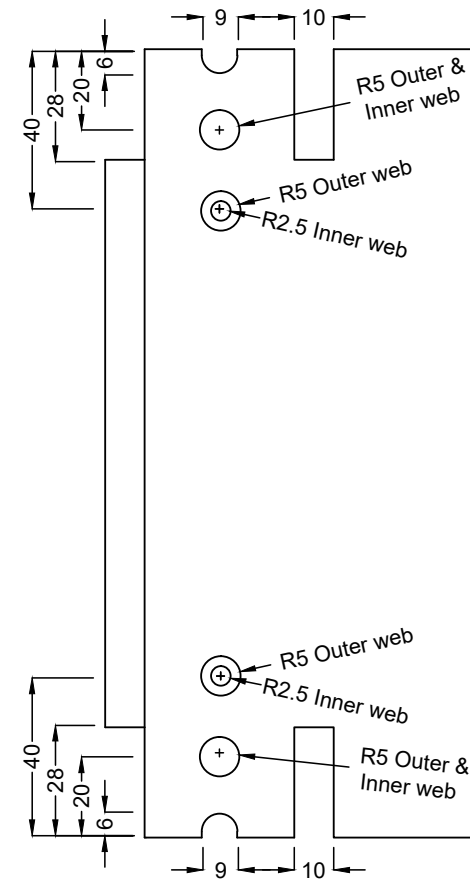
Pocket side



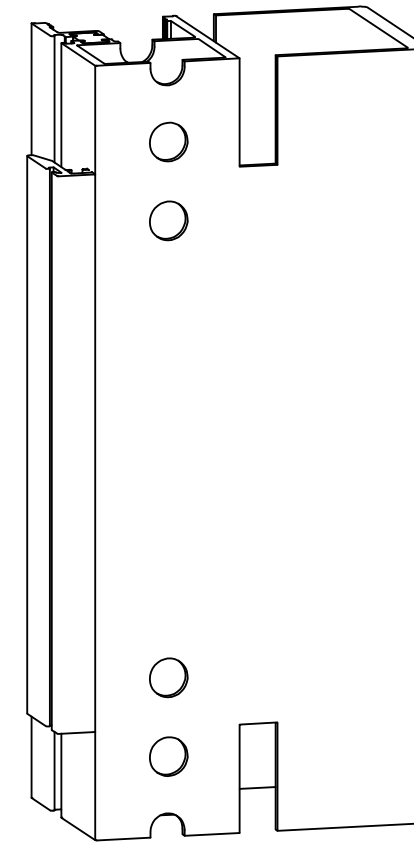
End of Stile



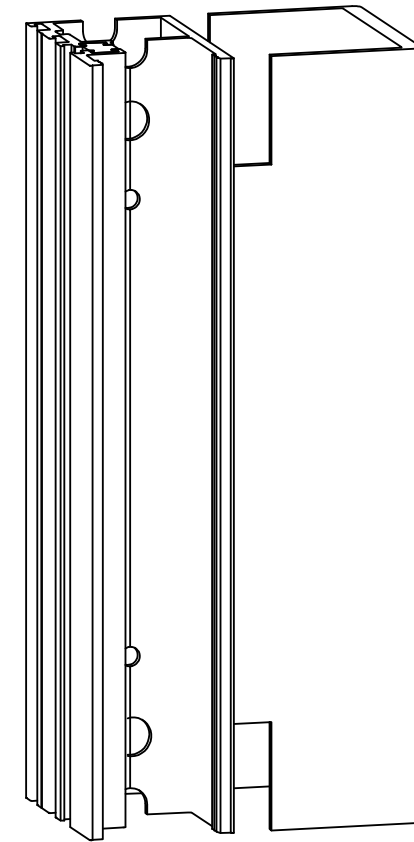
End of Stile



End of Stile



Pocket side

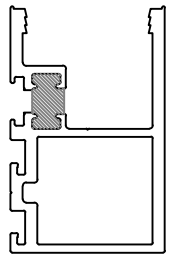


U-Max™ THERMAL BREAK SLIDING DOOR

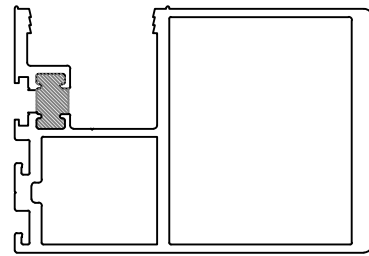
U-Max Doors: USLIDDOOR - 31

Fixed Interlocks

In some configurations, especially stacking doors the roller adjustment holes need to be machined on these stiles (as per sliding interlock)

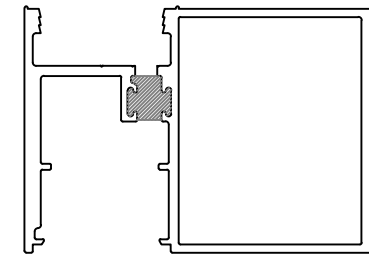


C9361U
Adaptor Stile



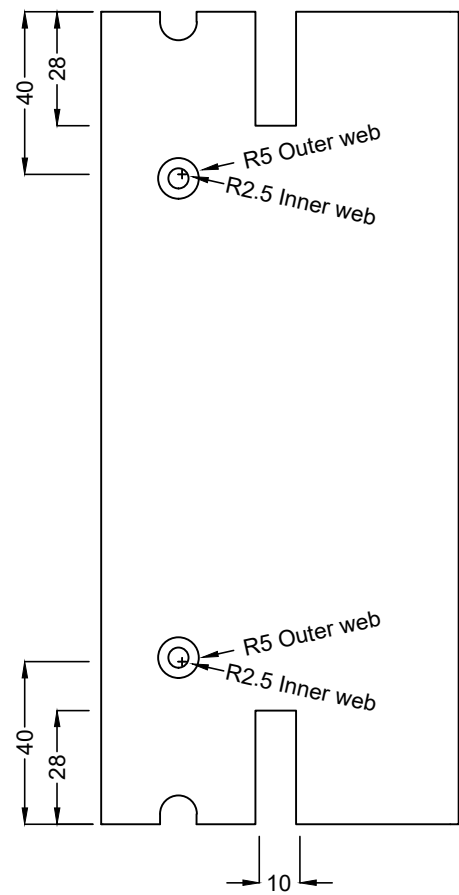
C9362U
HD Adaptor Stile

OXXO Interlock

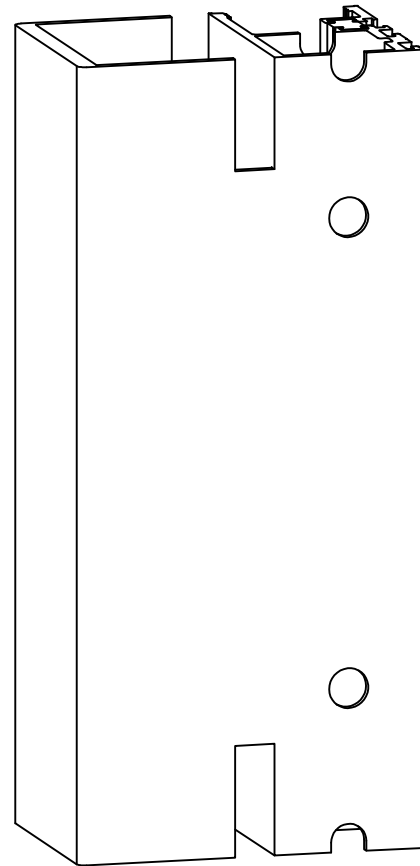


C9365U
OXXO Stile

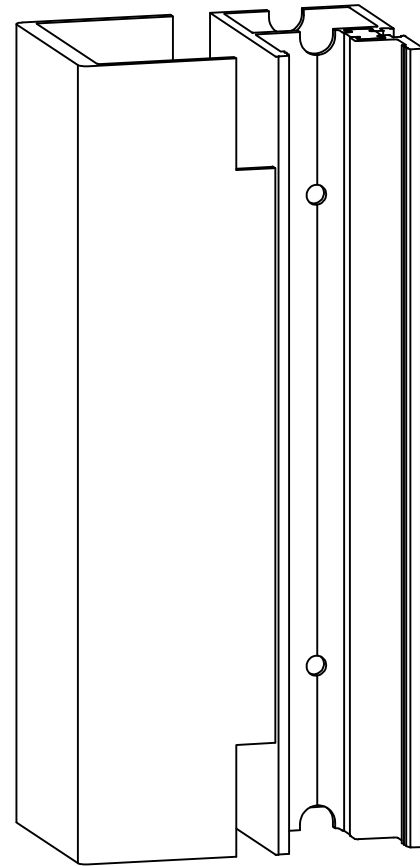
End of Stile



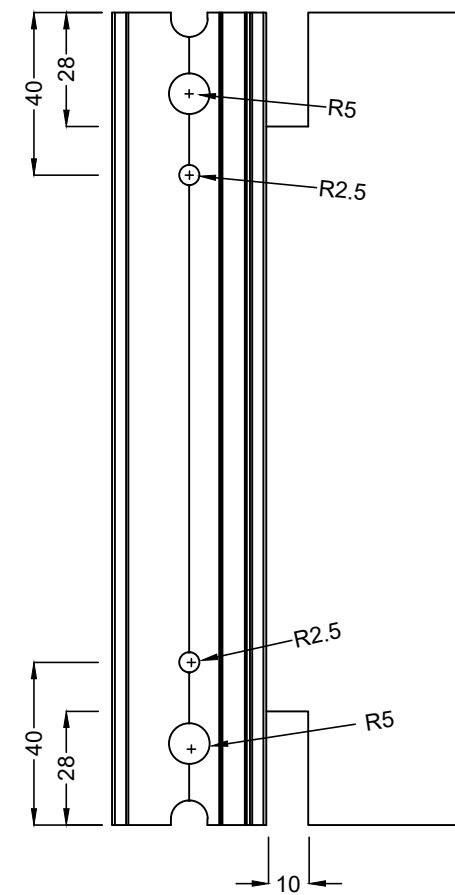
End of Stile



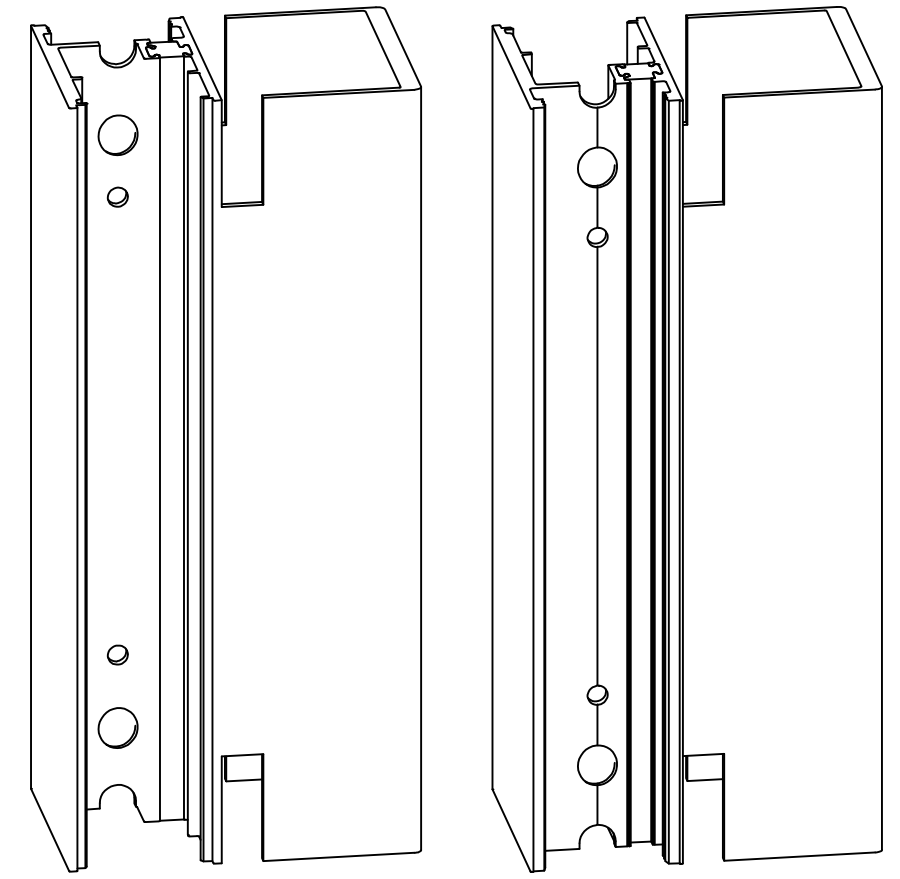
Pocket side



End of Stile



Pocket side



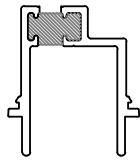
U-Max™ THERMAL BREAK SLIDING DOOR

**U-Max Doors: USLIDDOOR - 32
OXXO Adaptor**

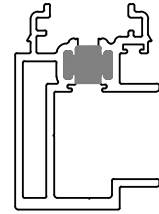
Corner Adaptor

Machining Details - Jamb

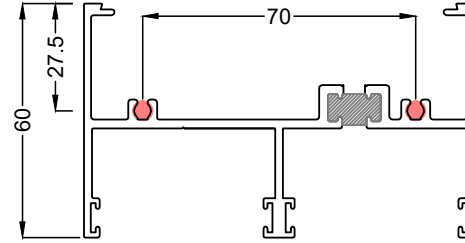
Jamb are machined to suit 60mm Head & 44mm Sill extrusions.



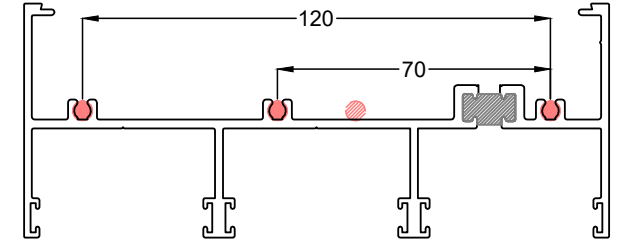
C9366U
OXXO Stile Adaptor



C9378U
Corner Stile Adaptor



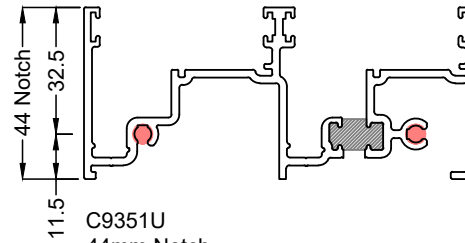
C9350U
Jamb (for notching)
60 Notch at Head
44 notch at Sill



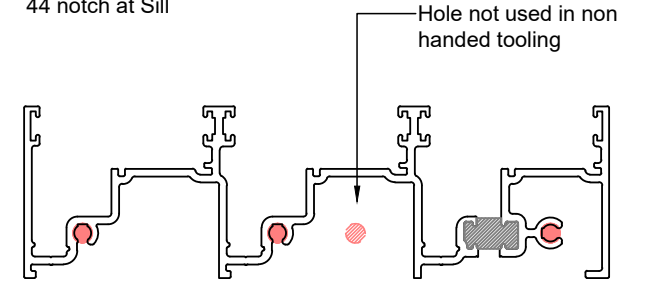
C9352U
Jamb (for notching)
60 Notch at Head
44 notch at Sill

End of Adaptor

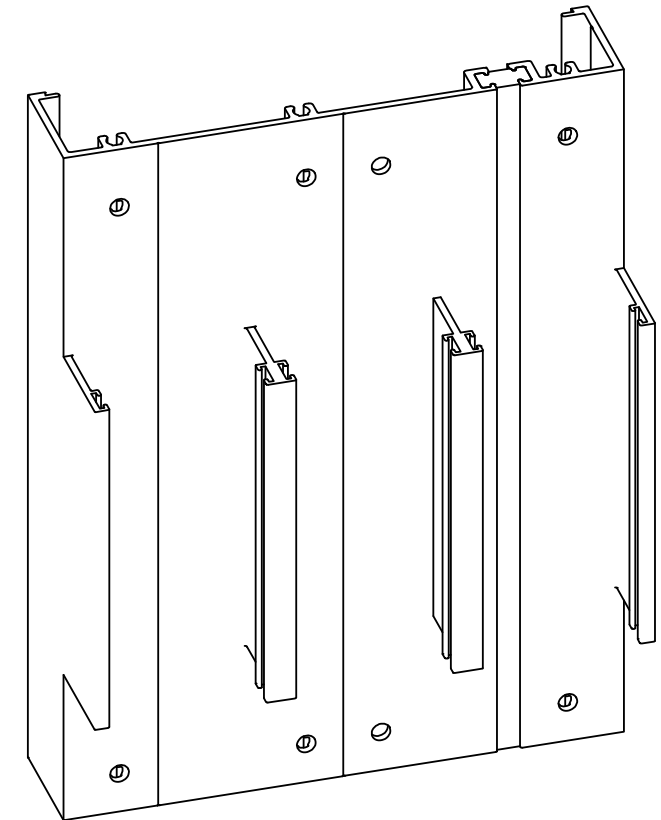
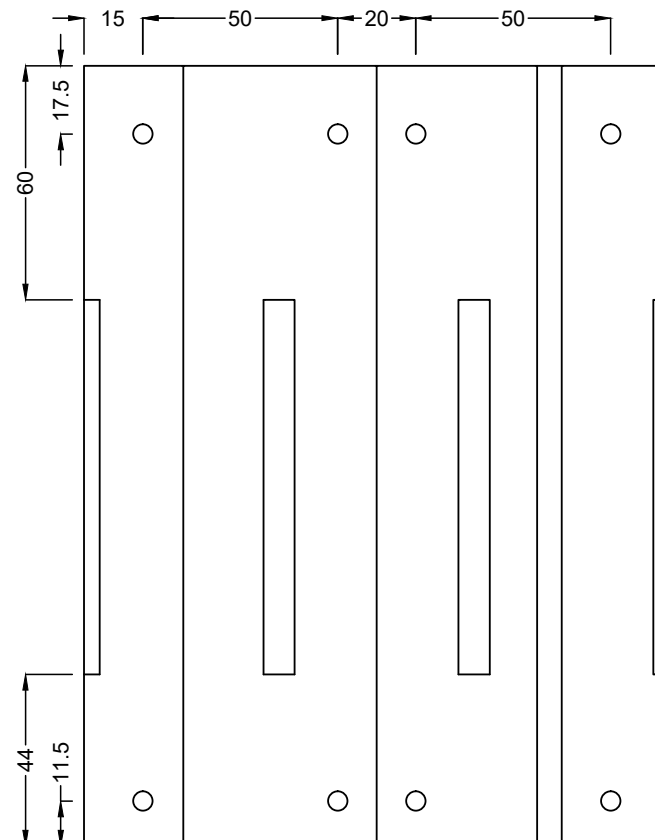
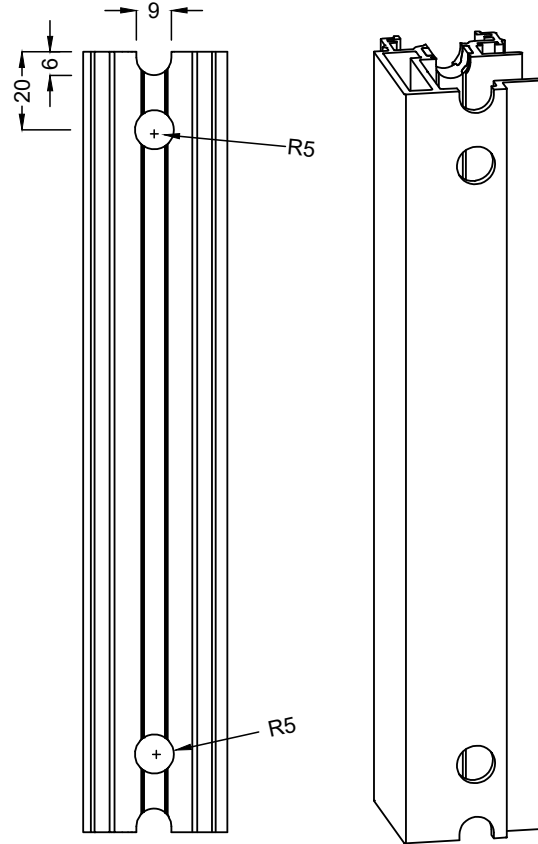
End of Adaptor



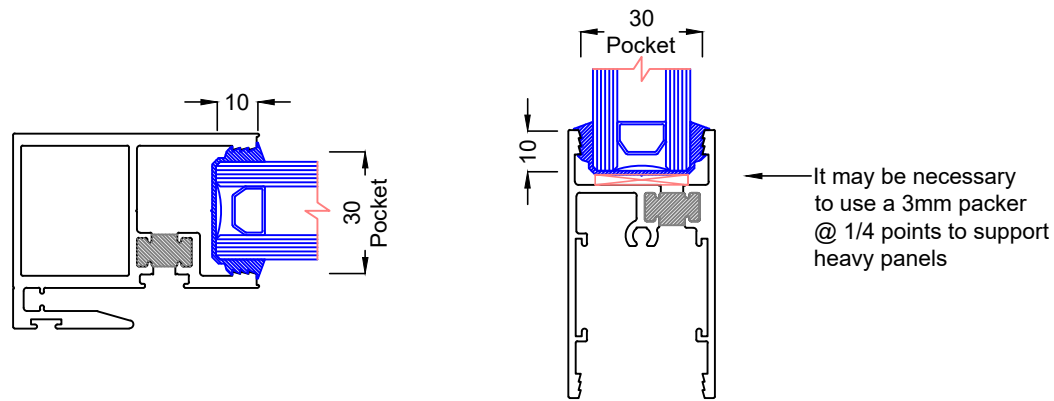
C9351U
44mm Notch
End holes reference off 44 notch



C9353U
44mm Notch
End holes reference off 44 notch



U-Max™ THERMAL BREAK SLIDING DOOR
U-Max Doors: USLIDDOOR - 33
Glazing Details



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



Willinga Villas, NSW
U-MAX™ thermally broken sliding door