OVERHEAD RECTANGULAR PANELS

OVERHEAD RAKING PANEL

FULL HEIGHT FIXED PANEL

2. SLIDETEC FIXED PANELS GLAZING SYSTEM

Fixed glass panels to compliment Slidetec Doors & Windows

Slidetec Fixed Panels are designed to compliment the Slidetec Sliding Door & Window system.

Two typical applications

1. Fixed overhead panels

If the sliding panel is over height and exceeds design limitations, a suitably sized fixed overhead panel can be fitted.

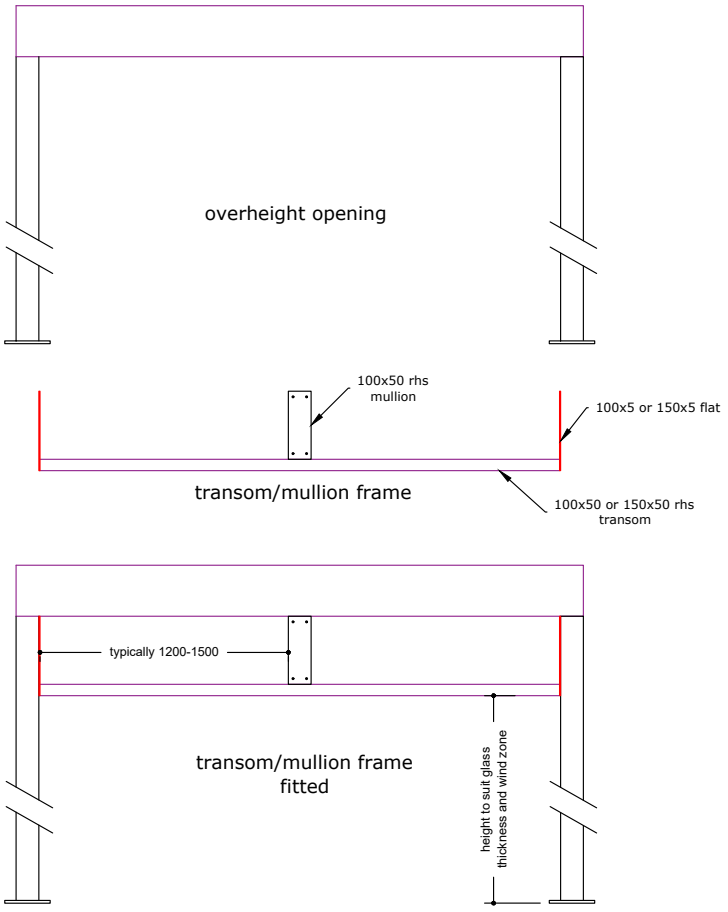
Fixed overhead panels can also be used on pitched roof frames to square up the opening to allow for a sliding panel to be installed under.

2. Full height fixed panels

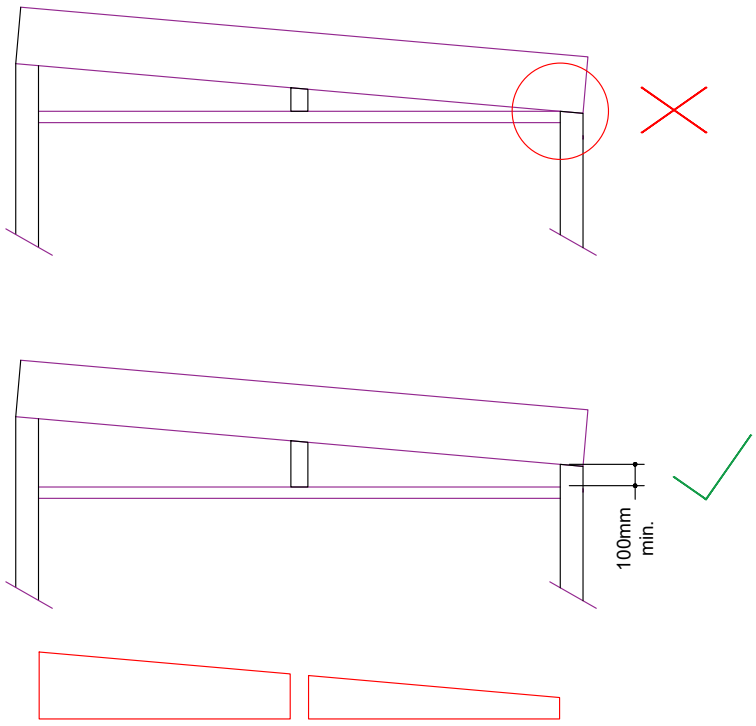
Ideal to use to provide light and shelter as a full height fixed panel when sliding access is not required.

PANEL DETAILS

Top fixed panels to reduce the height of an over height opening.



RAKING FIXED PANELS



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TWO FIXING SYSTEMS

1. Flush Fit fixed option

This simple 'traditional' system has the advantage of minimal clean lines and hidden fixings.

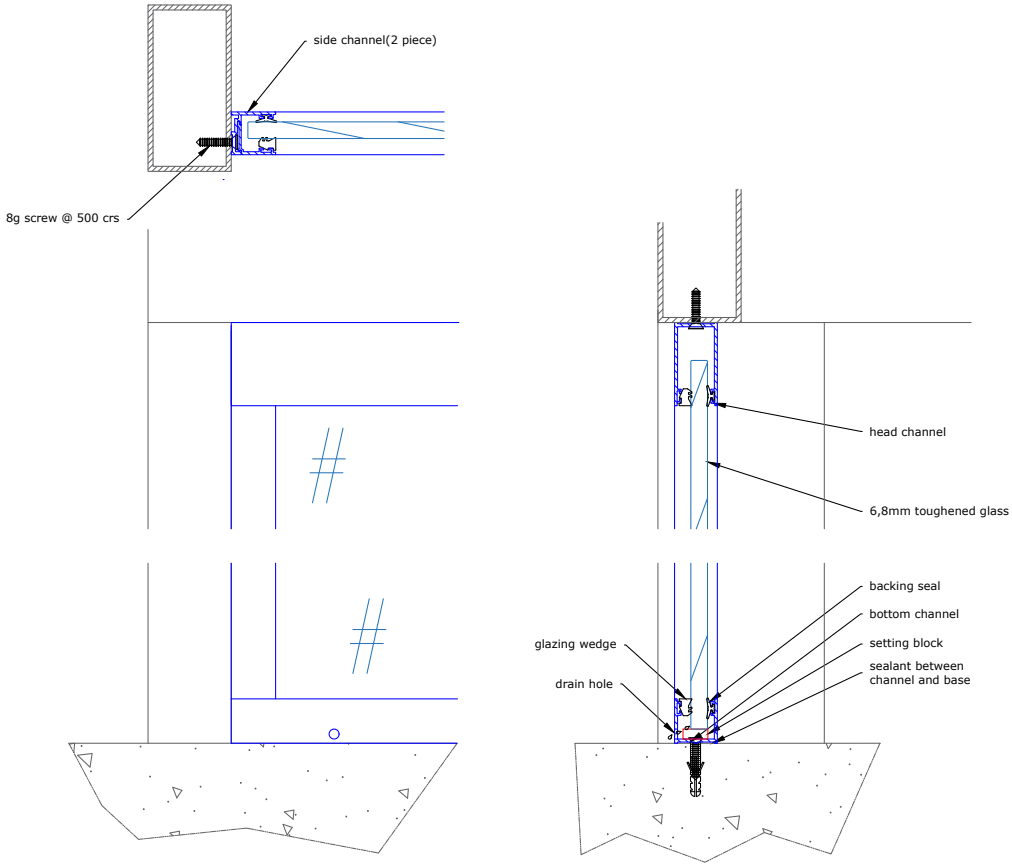
Designed with pocket fit flush within existing openings.

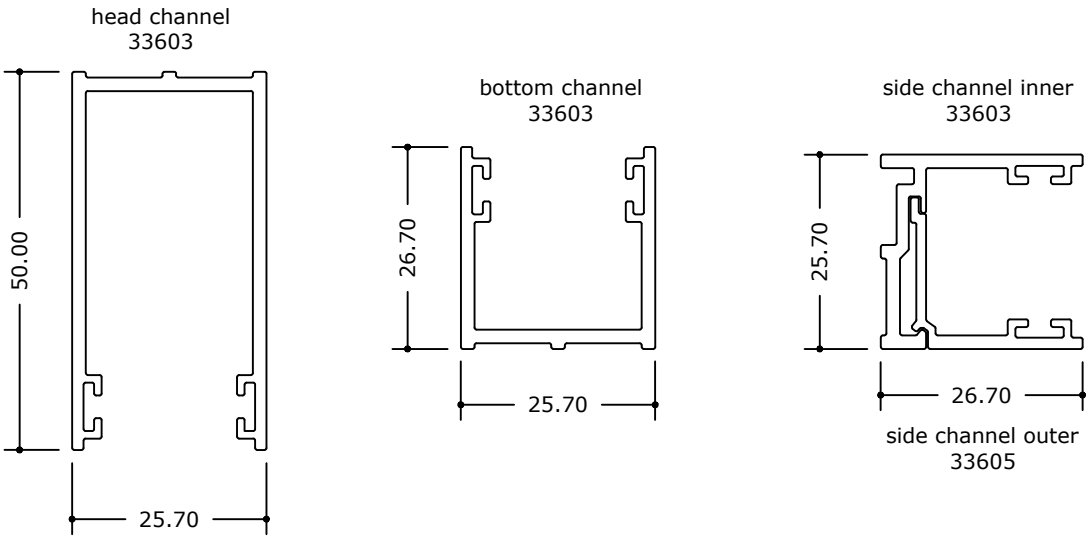
OVERHEAD RECTANGULAR PANELS

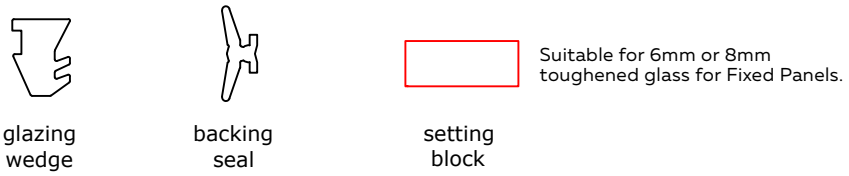
OVERHEAD RAKING PANELS

FIXED GLAZING PANELS

TYPICAL DETAIL:
SLIDETEC FLUSH FIT FIXED GLAZING PANELS







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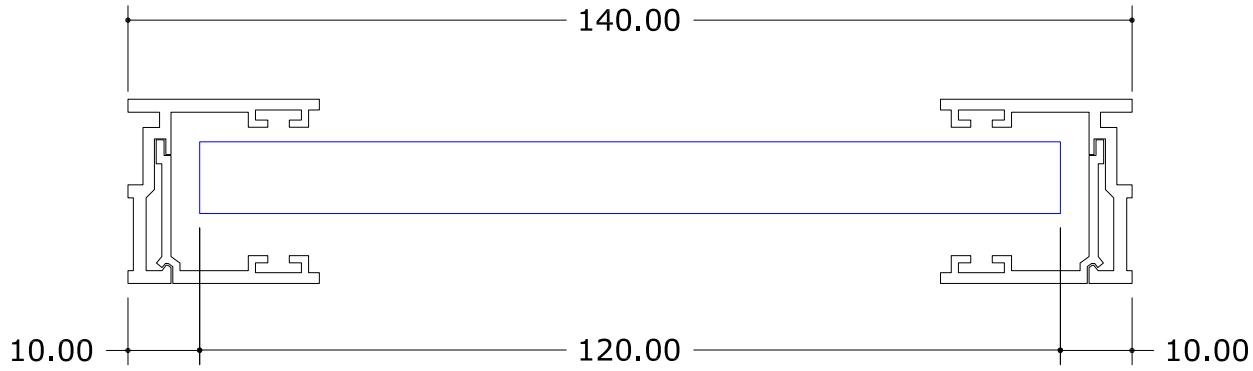
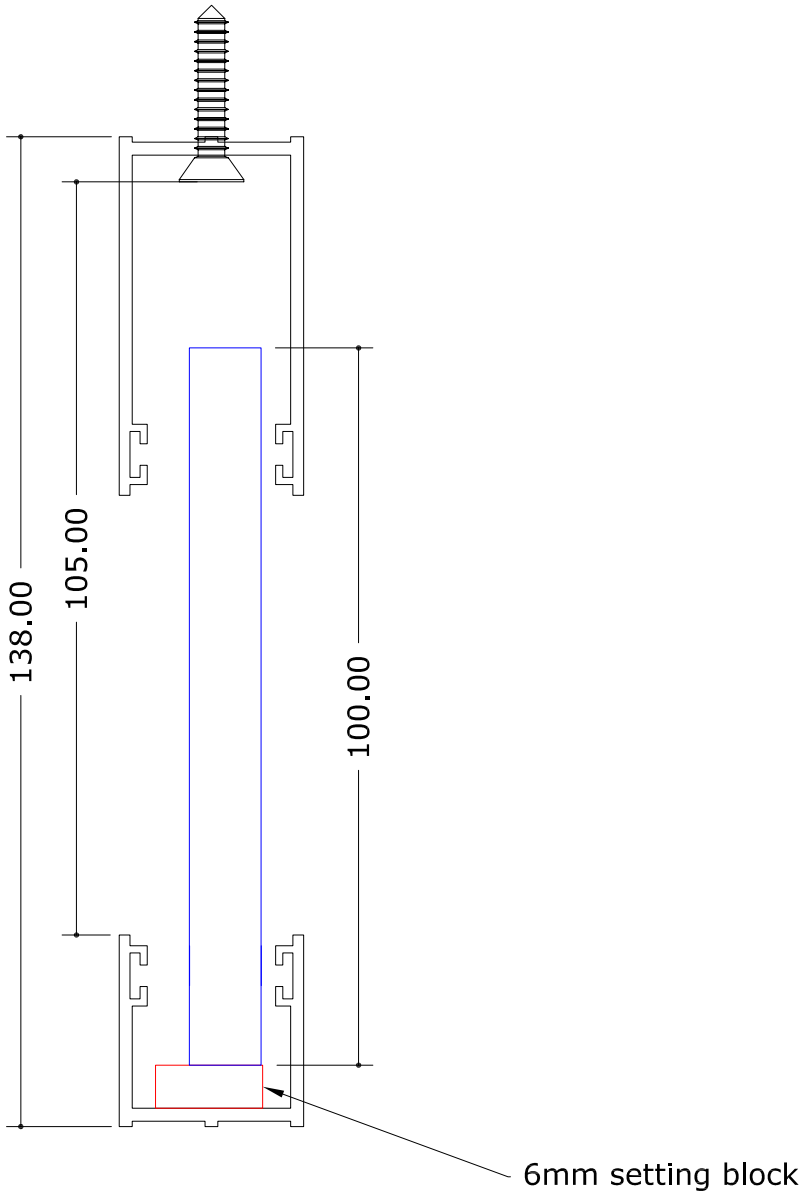
GLASS DEDUCTIONS



CROSS SECTION WIDTH - GLASS WIDTH = OVERALL WIDTH -20MM



CROSS SECTION HEIGHT - GLASS HEIGHT = OVERALL HEIGHT -38MM

TWO FIXING SYSTEMS

2. Face Fixed option

This system is based on typical aluminium joinery design, incorporating a facing to all four sides of the outer frame.

In contrast to the Flush Fixed option, this section incorporates a flange to the outer frame enabling the glass panel to be fixed directly through the flange to the face of the opening.

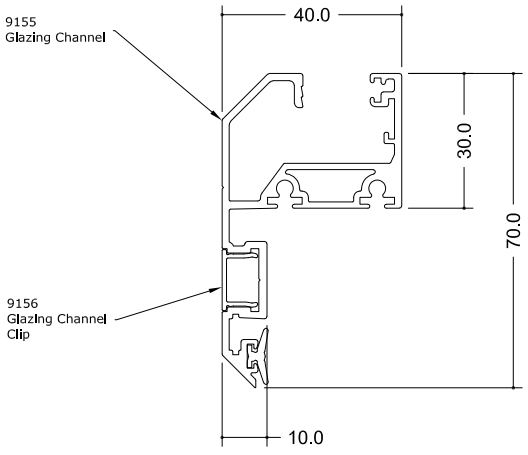
A glazing channel clip provides cover to hide the fixings.

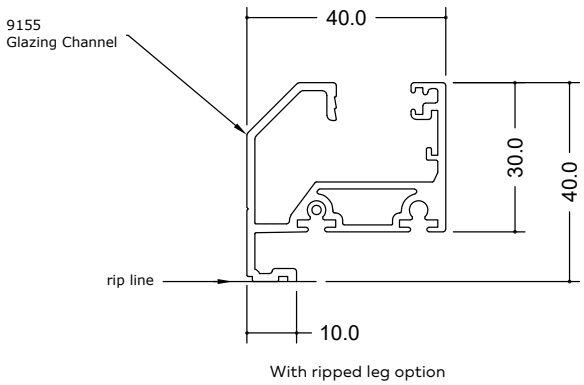
The flange may be ripped smaller at the glazing channel rip line.

OVERHEAD RECTANGULAR PANELS

OVERHEAD RAKING PANELS

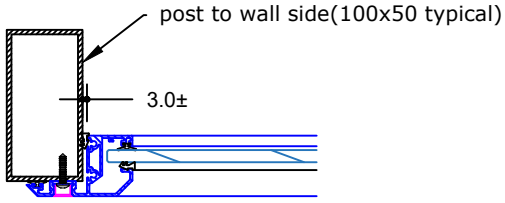
FIXED GLAZING PANELS



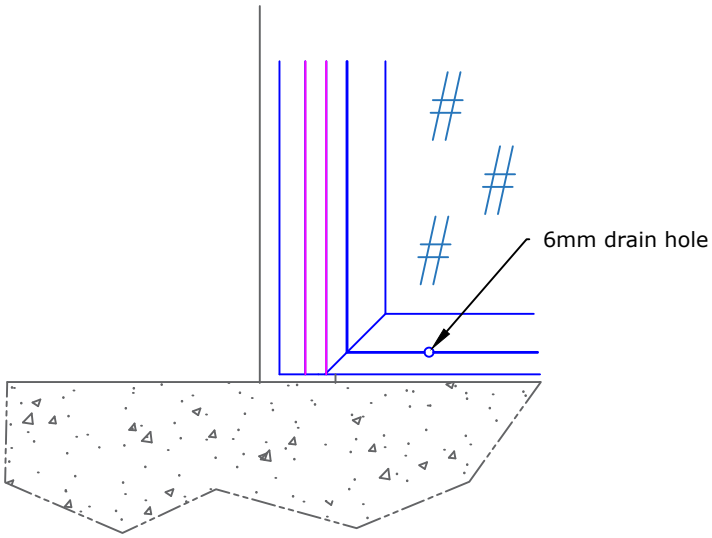


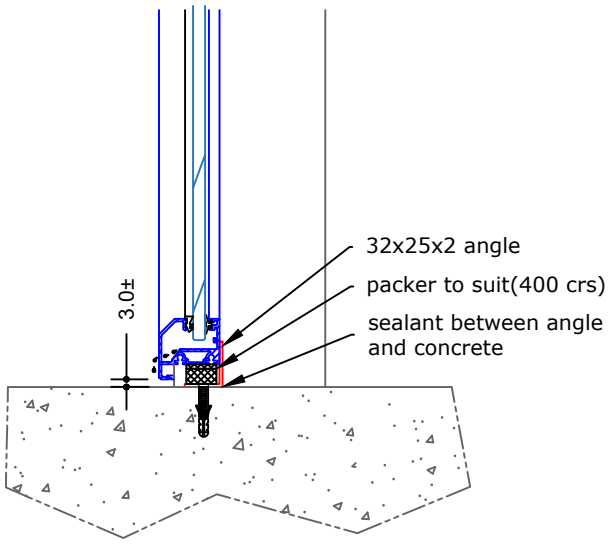
With ripped leg option

TYPICAL FIXING DETAILS



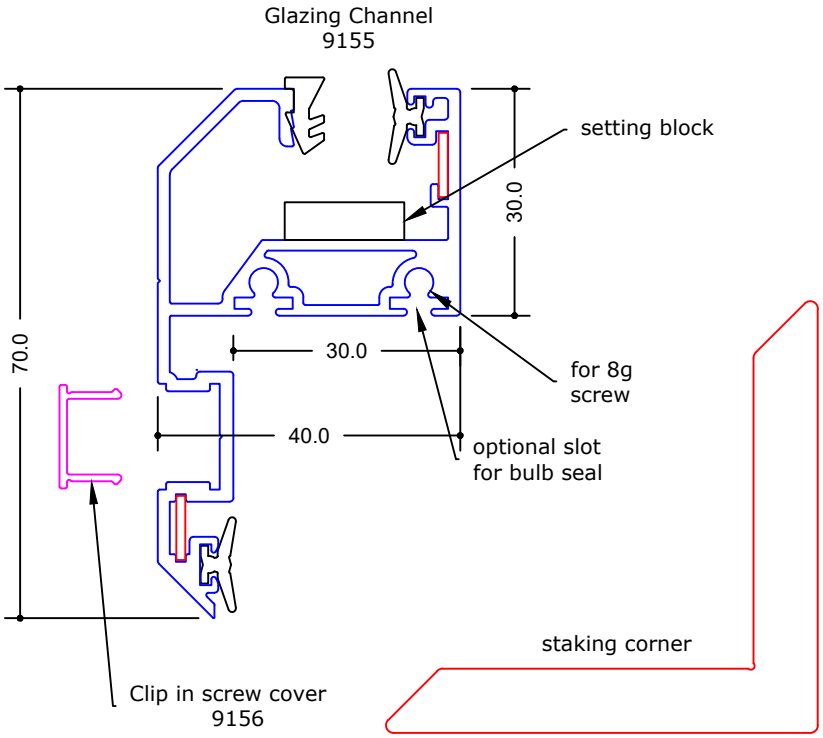
H - WITHOUT POST FOOT

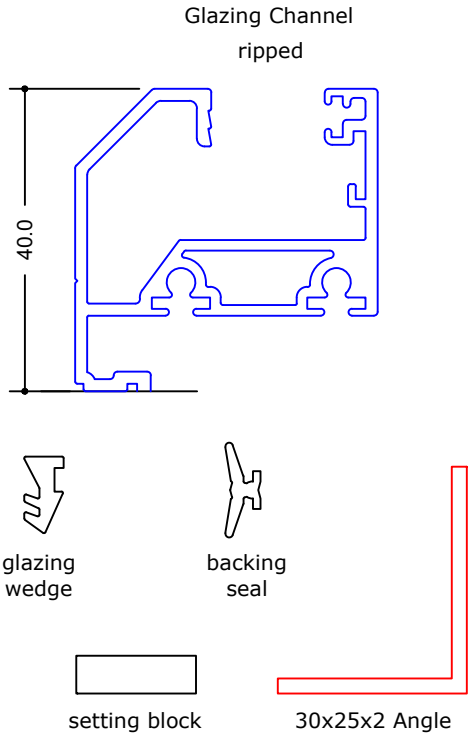




SECTION H

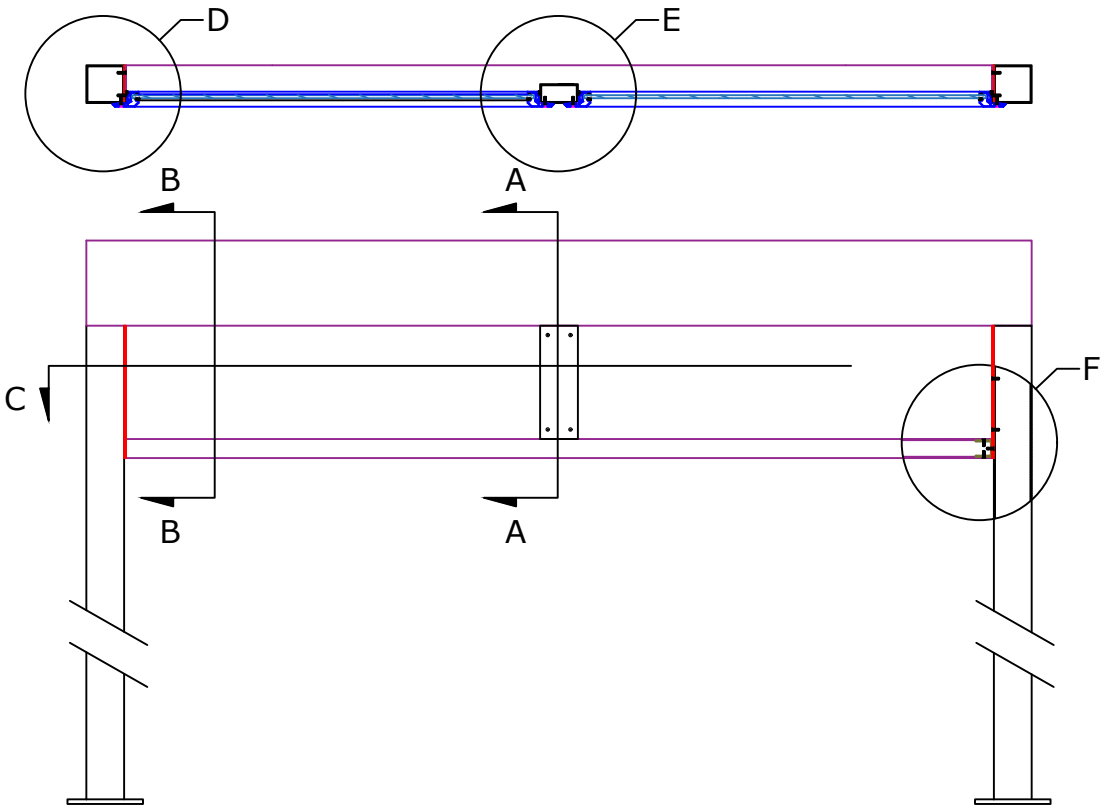
COMPONENTS

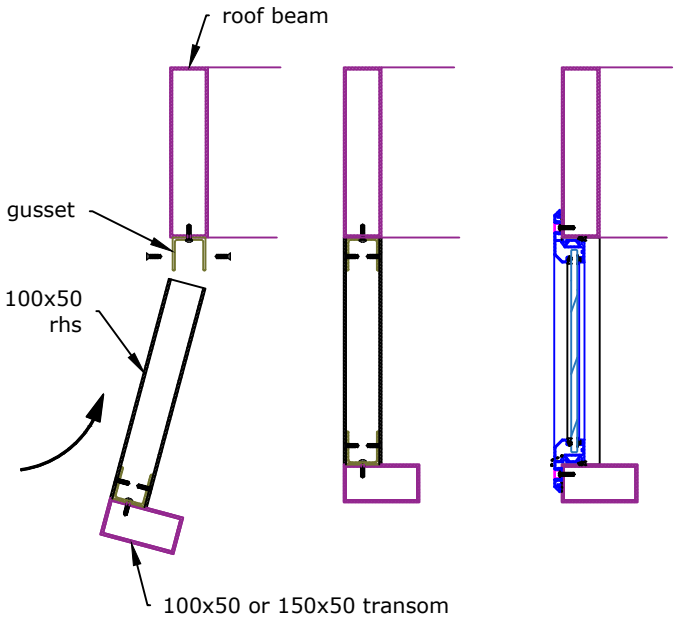




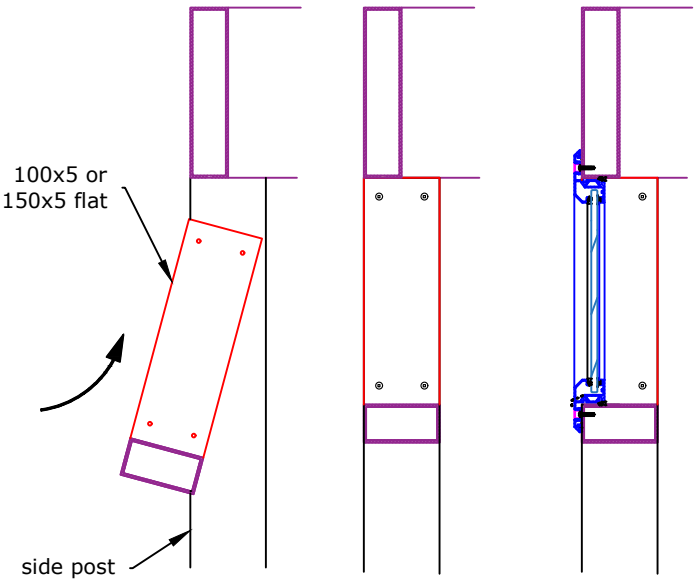
TYPICAL DETAIL:
SLIDETEC FACE FIXED, FIXED GLAZING PANELS

TYPICAL FIXING DETAILS





SECTION A: MULLION FIXING



SECTION B: TRANSOM FIXING AT SIDES

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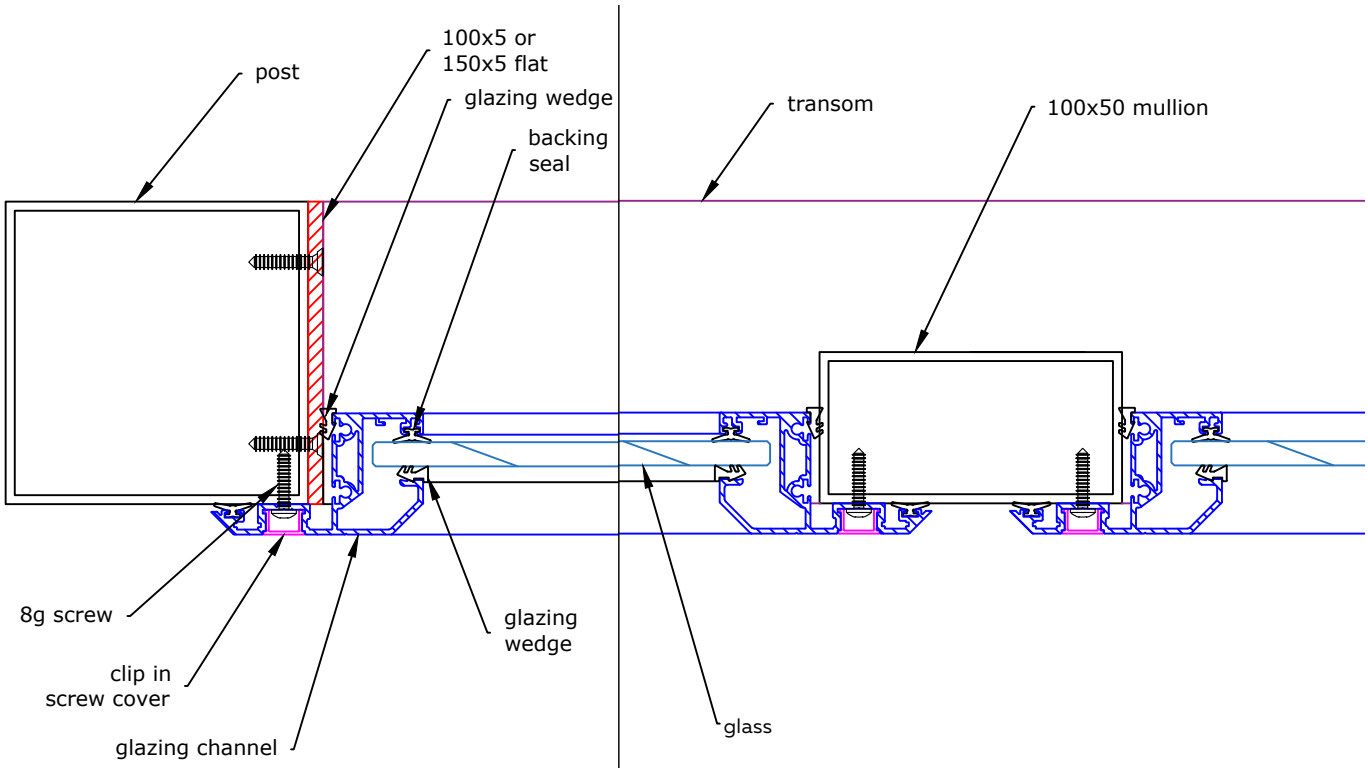
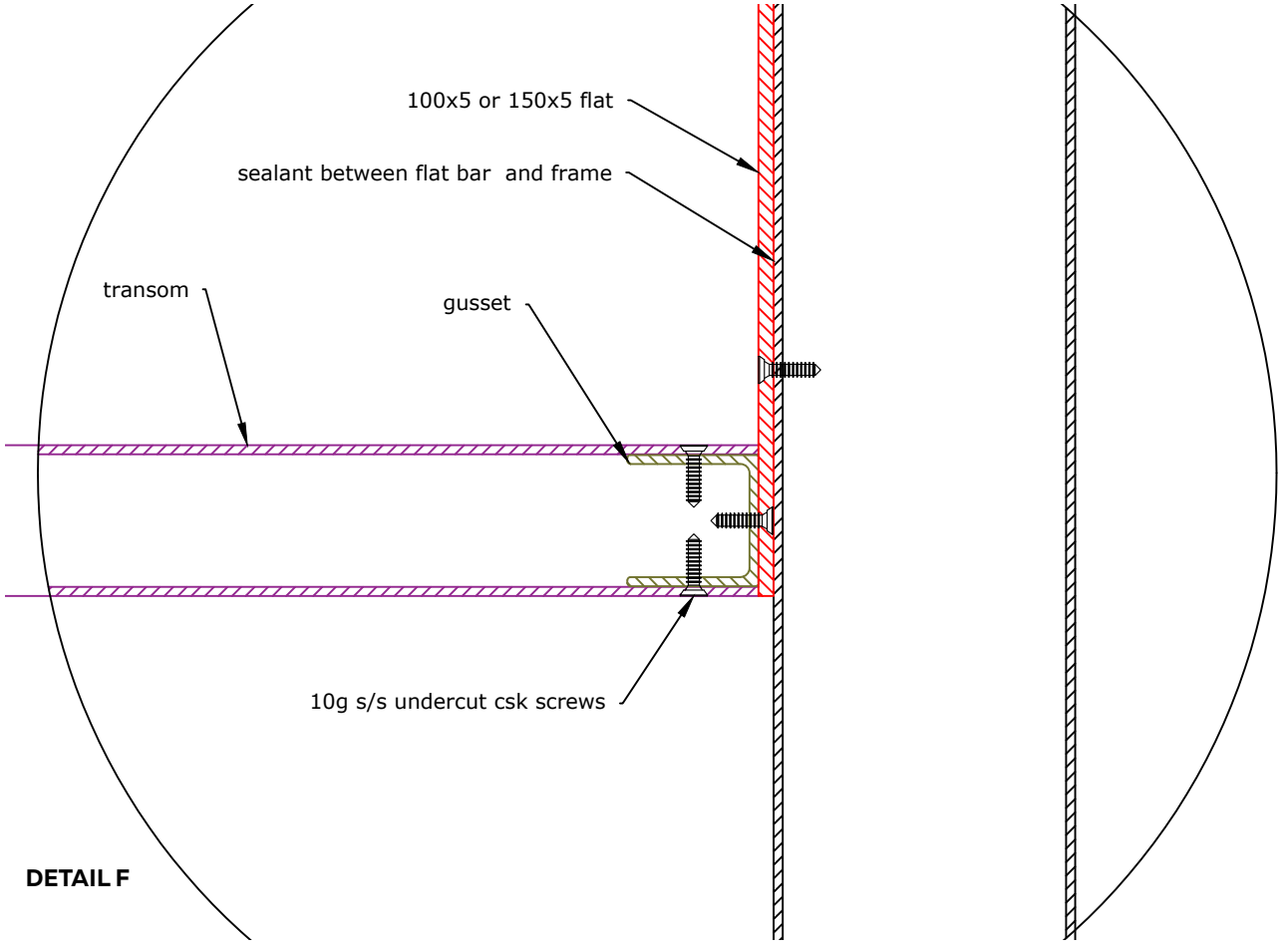
TYPICAL FIXING DETAILS



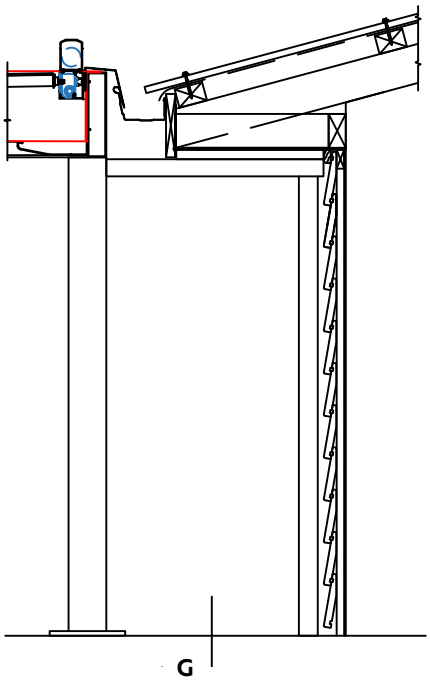
DETAIL D **DETAIL E**



DETAIL F

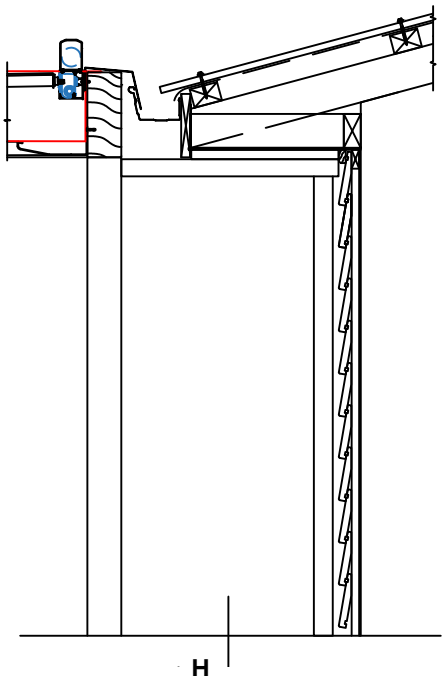
TYPICAL DETAIL:
SLIDETEC FACE FIXED, FIXED GLAZING PANELS

TYPICAL FULL HEIGHT FIXED PANELS



G

WITH POST FOOT



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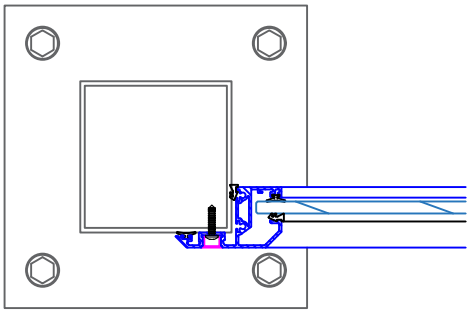
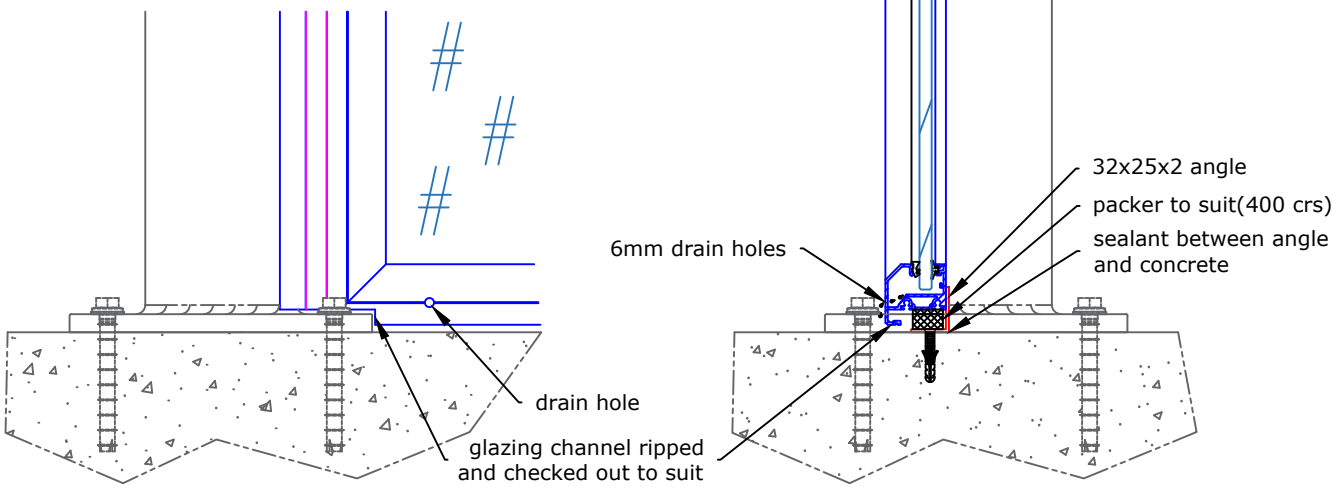


G - WITH POST FOOT



SECTION G

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SLIDETEC SPAN CHART

Glass Span (visible sight line)						
	NZS3604 Wind Zone:	Low	Medium	High	Very High	Extra High
Glass Thickness						
10mm	Maximum Span	2285	2080	1855	1705	1600
12mm	Maximum Span	2760	2510	2235	2055	1930

*Glass spans in this chart limited to installations associated with buildings up to importance level 2, under 10m high, and within a designated general wind-zone (not SED).
*This span chart can only be used in conjunction with toughened safety glass supplied by Viridian Glass (NZ).
*All glass panel related PS1 documents to be supplied by Viridian Glass (NZ).
*This standard design PS1 covers glass selection to NZS4223.3 and NZS4223.4 only (frame design and support of the glass panels is excluded).
*Max glass spans to the NZ standard are based on a maximum allowable deflection of span/60 in the given wind-zone.
*The glass span tables do not take into account any deflection caused by bending of the SlideTec frames.
*Glazing safeguarding a fall of 1m or more requires specific design.

*Minimum panel width = 500mm. Maximum panel width = 2400mm.

The figures below give the maximum opening height per type of application. Refer to sheet 2 of this publication for further explanation / detail.

Standard Base/Track (includes guide/track of 160mm)						
	Wind Zone:	Low	Medium	High	Very High	Extra High
Glass Thickness						
10mm	Maximum Opening	2445	2240	2015	1865	1760
12mm	Maximum Opening	2920	2670	2395	2215	2090

Standard Base/Track & Extender (includes guide/track/extender of 260mm)						
	Wind Zone:	Low	Medium	High	Very High	Extra High
Glass Thickness						
10mm	Maximum Opening	2545	2340	2115	1965	1860
12mm	Maximum Opening	3020	2770	2495	2315	2190

Recessed Base/Track (includes guide/track of 130mm)						
	Wind Zone:	Low	Medium	High	Very High	Extra High
Glass Thickness						
10mm	Maximum Opening	2415	2210	1985	1835	1730
12mm	Maximum Opening	2890	2640	2365	2185	2060

Recessed Base/Track & Extender (includes guide/track/extender of 230mm)						
	Wind Zone:	Low	Medium	High	Very High	Extra High
Glass Thickness						
10mm	Maximum Opening	2515	2310	2085	1935	1830
12mm	Maximum Opening	2990	2740	2465	2285	2160

Flush Track (includes guide/track of 140mm)						
	Wind Zone:	Low	Medium	High	Very High	Extra High
Glass Thickness						
10mm	Maximum Opening	2425	2220	1995	1845	1740
12mm	Maximum Opening	2900	2650	2375	2195	2070

Flush Track & Extender (includes guide/track/extender of 240mm)						
	Wind Zone:	Low	Medium	High	Very High	Extra High
Glass Thickness						
10mm	Maximum Opening	2525	2320	2095	1945	1840
12mm	Maximum Opening	3000	2750	2475	2295	2170

Drawn By	Viridian-DY
Scale	NA @ A4
Date	Feb 2025

LouvreTec™ New Zealand Ltd
All dimensions in mm unless stated otherwise